

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090524\
 Data File : VU060634.D
 Acq On : 05 Sep 2024 18:46
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 06 02:09:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 06 02:03:06 2024
 Response via : Initial Calibration

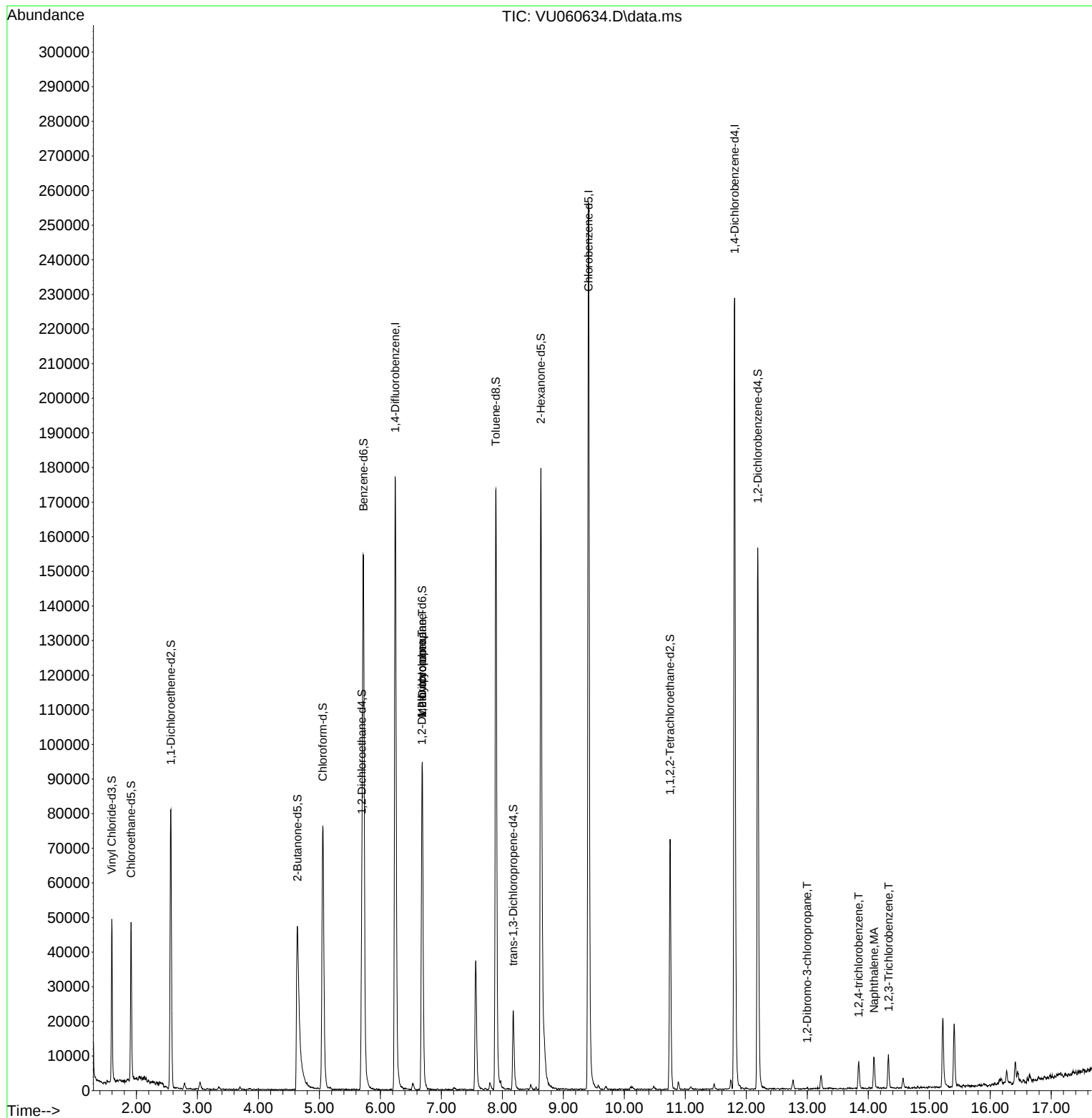
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	151115	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	157207	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	68231	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	33270	4.985	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.600%
7) Chloroethane-d5	1.911	69	33538	3.316	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.400%
11) 1,1-Dichloroethene-d2	2.563	65	15465	3.931	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.600%
20) 2-Butanone-d5	4.637	46	96562	42.071	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.140%
24) Chloroform-d	5.055	84	76644	4.028	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.600%
26) 1,2-Dichloroethane-d4	5.695	65	39878	4.016	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
32) Benzene-d6	5.721	84	147468	4.290	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	6.685	67	49334	4.448	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.000%
41) Toluene-d8	7.891	98	124133	3.849	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.000%
43) trans-1,3-Dichloroprop...	8.177	79	15548	3.917	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.400%
46) 2-Hexanone-d5	8.631	63	66920	35.216	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.440%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	38829	3.934	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	44491	4.422	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.400%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.685	83	10790	0.582	ug/L #	17
37) 1,2-Dichloropropane	6.679	63	5050	0.395	ug/L #	91
68) 1,2-Dibromo-3-chloropr...	12.997	75	134	0.090	ug/L #	51
70) 1,2,4-trichlorobenzene	13.843	180	3309	0.238	ug/L #	94
71) Naphthalene	14.094	128	9553	0.539	ug/L	99
72) 1,2,3-Trichlorobenzene	14.331	180	3714	0.320	ug/L	95

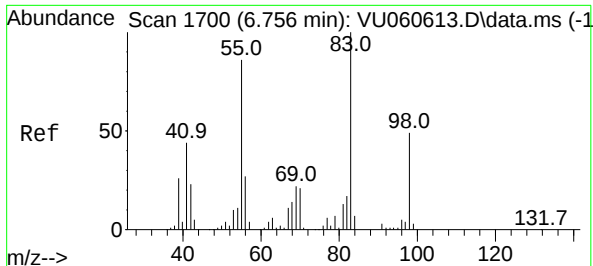
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 0.582 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.071 min

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MSVOA_U

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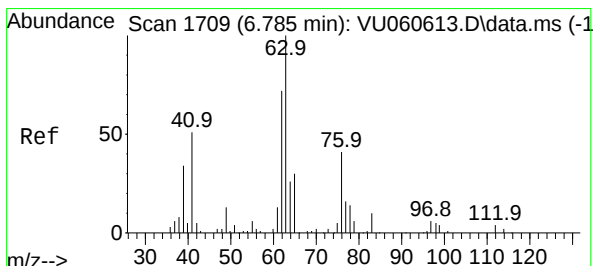
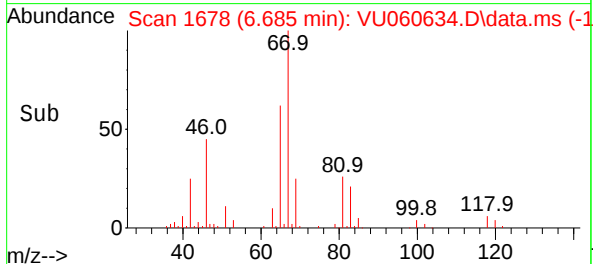
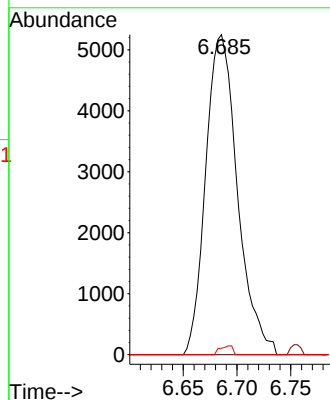
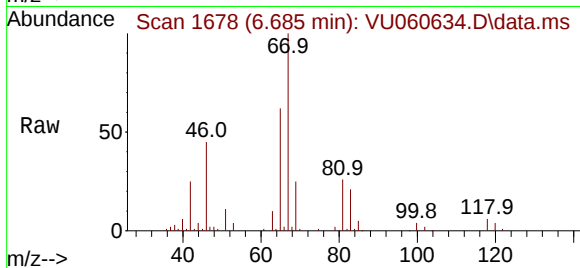
Tgt Ion: 83 Resp: 10790

Ion Ratio Lower Upper

83 100

55 1.0 65.8 98.8#

98 1.1 37.8 56.8#



#37

1,2-Dichloropropane

Concen: 0.395 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.106 min

Lab File: VU060634.D

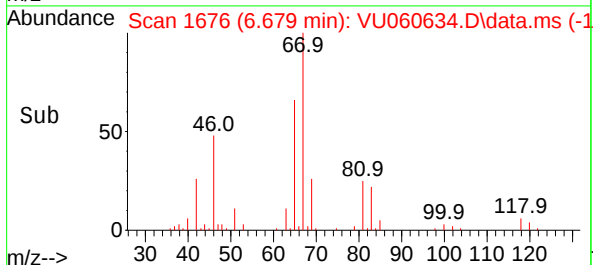
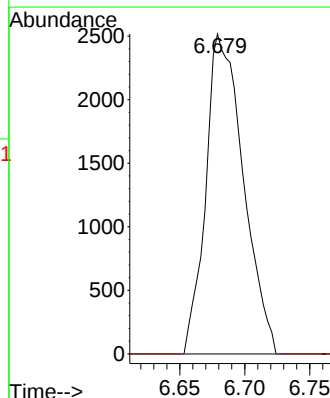
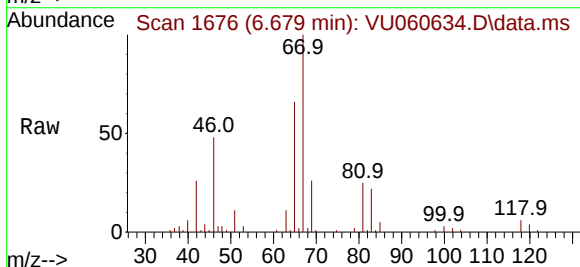
Acq: 05 Sep 2024 18:46

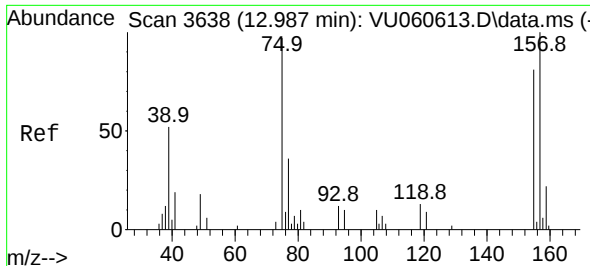
Tgt Ion: 63 Resp: 5050

Ion Ratio Lower Upper

63 100

112 0.0 2.3 3.5#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.090 ug/L

RT: 12.997 min Scan# 3641

Delta R.T. 0.010 min

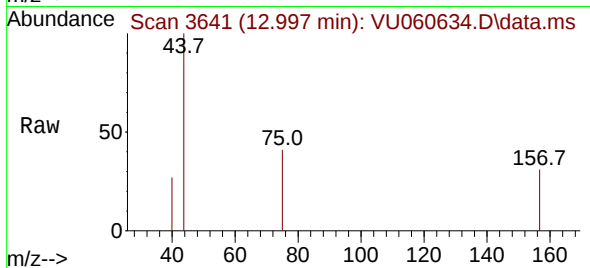
Lab File: VU060634.D

Acq: 05 Sep 2024 18:46

Instrument :

MSVOA_U

ClientSampleId :



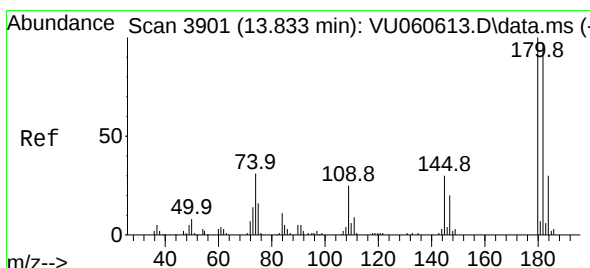
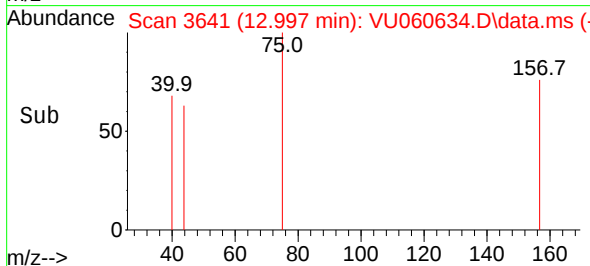
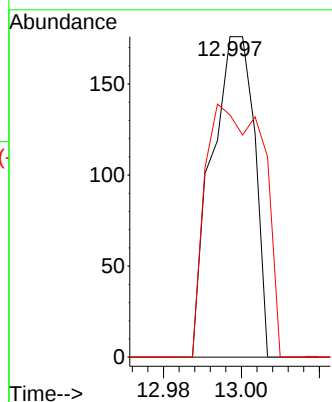
Tgt Ion: 75 Resp: 134

Ion Ratio Lower Upper

75 100

155 0.0 62.7 94.1#

157 75.6 70.4 105.6



#70

1,2,4-trichlorobenzene

Concen: 0.238 ug/L

RT: 13.843 min Scan# 3904

Delta R.T. 0.010 min

Lab File: VU060634.D

Acq: 05 Sep 2024 18:46

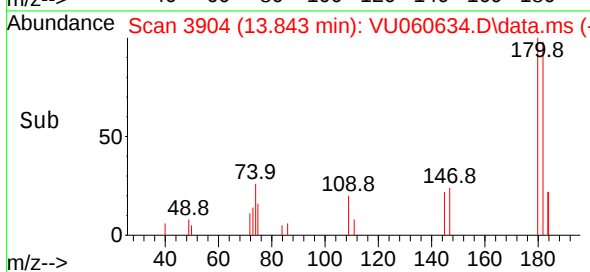
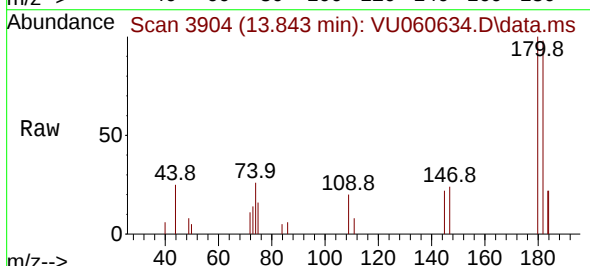
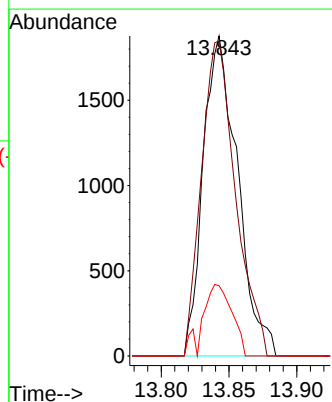
Tgt Ion:180 Resp: 3309

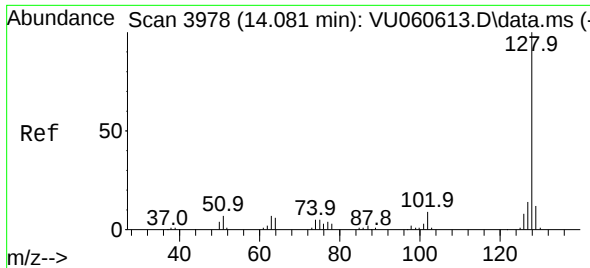
Ion Ratio Lower Upper

180 100

182 97.7 77.3 115.9

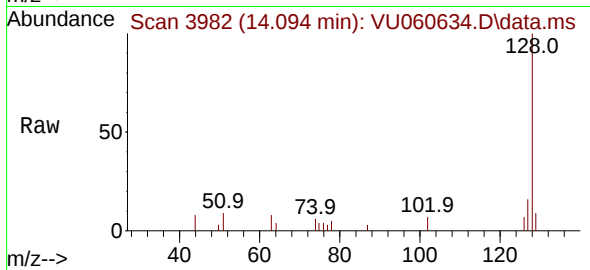
145 18.9 23.9 35.9#



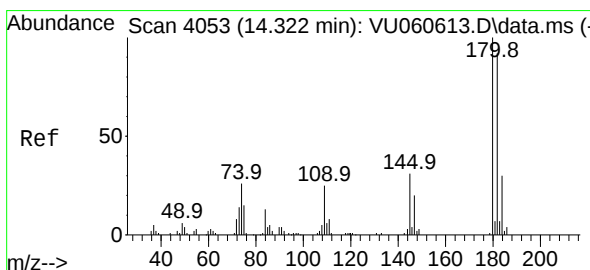
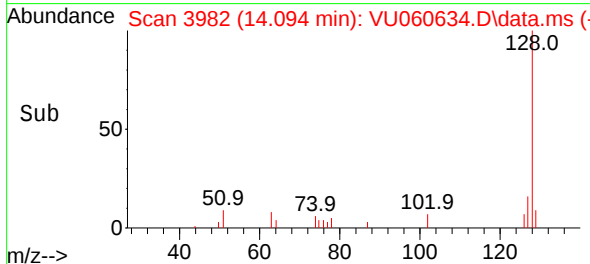
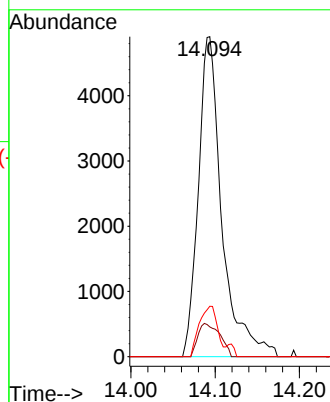


#71
Naphthalene
Concen: 0.539 ug/L
RT: 14.094 min Scan# 3982
Delta R.T. 0.013 min
Lab File: VU060634.D
Acq: 05 Sep 2024 18:46

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 9553
Ion Ratio Lower Upper
128 100
129 9.7 8.5 12.7
127 12.4 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 0.320 ug/L
RT: 14.331 min Scan# 4056
Delta R.T. 0.010 min
Lab File: VU060634.D
Acq: 05 Sep 2024 18:46

Tgt Ion:180 Resp: 3714
Ion Ratio Lower Upper
180 100
182 89.8 76.0 114.0
145 33.3 24.3 36.5

