

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU060723\  
 Data File : VU054428.D  
 Acq On : 07 Jun 2023 22:11  
 Operator : MD/SY  
 Sample : 03075-16  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Jun 08 01:25:10 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR060723WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Jun 08 01:20:50 2023  
 Response via : Initial Calibration

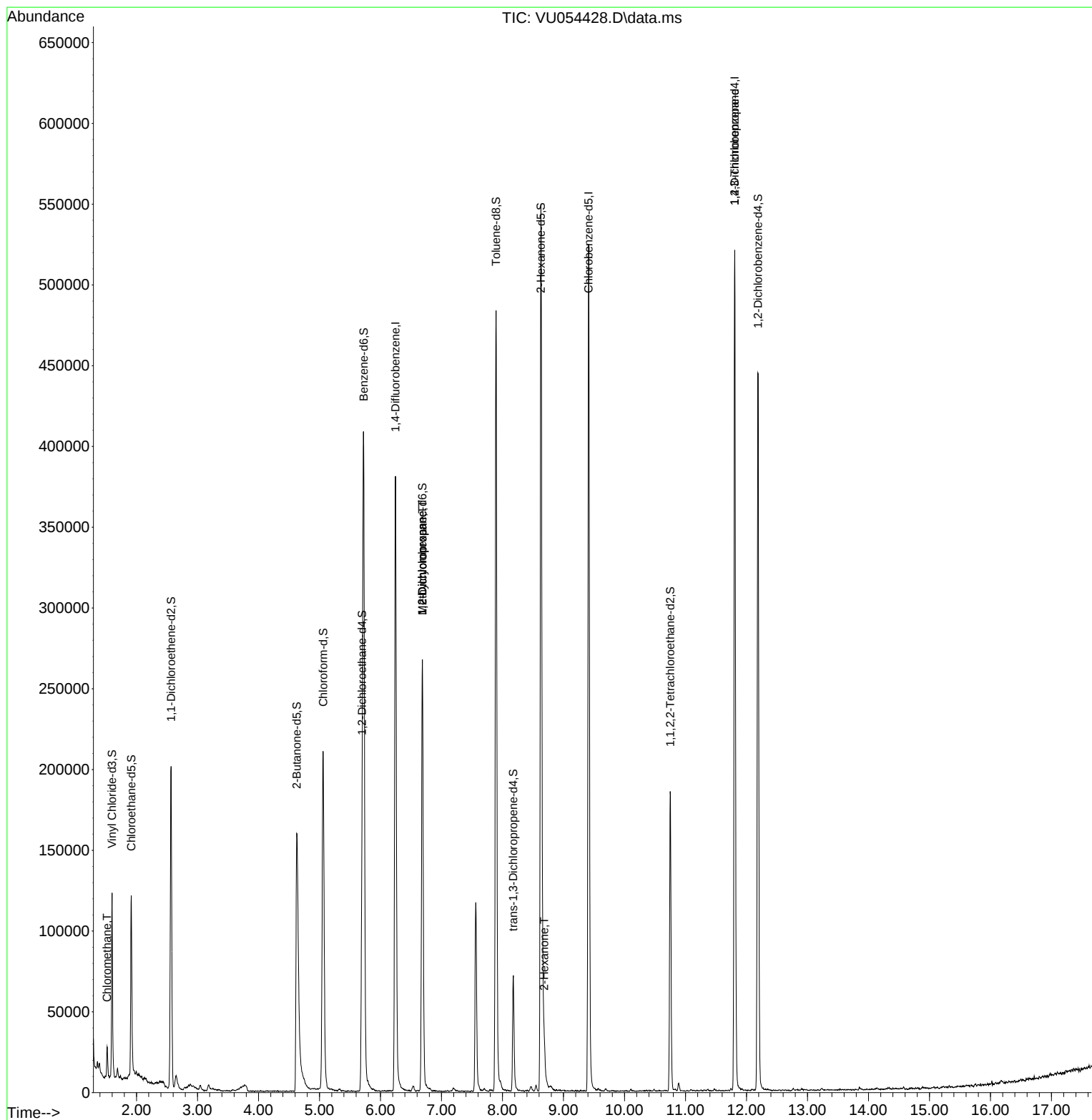
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114            | 309562   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117            | 294677   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152            | 137891   | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.599  | 65             | 84694    | 4.299  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 86.000%  |          |
| 7) Chloroethane-d5            | 1.914  | 69             | 84242    | 4.567  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 91.400%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.566  | 65             | 38515    | 4.377  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 87.600%  |          |
| 20) 2-Butanone-d5             | 4.627  | 46             | 289447   | 52.256 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 104.520% |          |
| 24) Chloroform-d              | 5.058  | 84             | 193317   | 4.694  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 93.800%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.698  | 65             | 99492    | 4.956  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 99.200%  |          |
| 32) Benzene-d6                | 5.724  | 84             | 378824   | 4.625  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 92.400%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67             | 135042   | 4.936  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 98.800%  |          |
| 41) Toluene-d8                | 7.894  | 98             | 331025   | 4.553  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 91.000%  |          |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79             | 41875    | 4.402  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 88.000%  |          |
| 46) 2-Hexanone-d5             | 8.630  | 63             | 187258   | 46.919 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 93.840%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84             | 96390    | 4.725  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 94.600%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152            | 122843   | 5.282  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 105.600% |          |
| Target Compounds              |        |                |          |        |          |          |
| 3) Chloromethane              | 1.518  | 50             | 13078    | 0.394  | ug/L     | 96       |
| 35) Methylcyclohexane         | 6.685  | 83             | 29182    | 0.689  | ug/L #   | 18       |
| 37) 1,2-Dichloropropane       | 6.685  | 63             | 13949    | 0.487  | ug/L #   | 89       |
| 48) 2-Hexanone                | 8.685  | 43             | 12289    | 1.079  | ug/L     | 96       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75             | 17475    | 1.254  | ug/L #   | 68       |

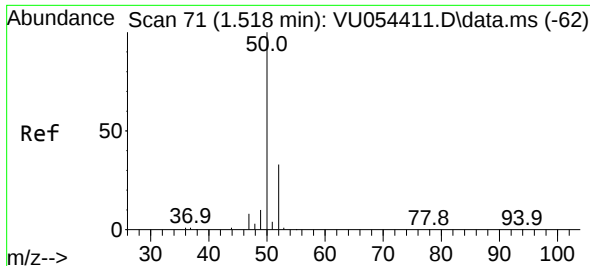
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU060723\  
Data File : VU054428.D  
Acq On : 07 Jun 2023 22:11  
Operator : MD/SY  
Sample : 03075-16  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :

Quant Time: Jun 08 01:25:10 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR060723WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Thu Jun 08 01:20:50 2023  
Response via : Initial Calibration

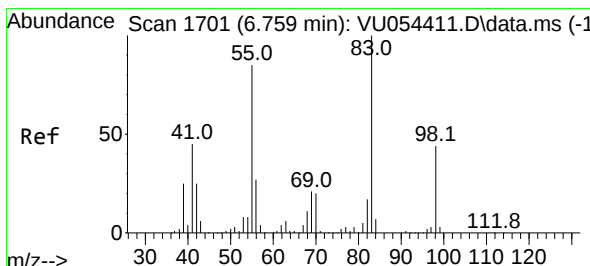
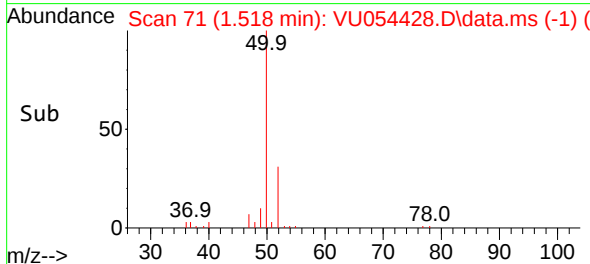
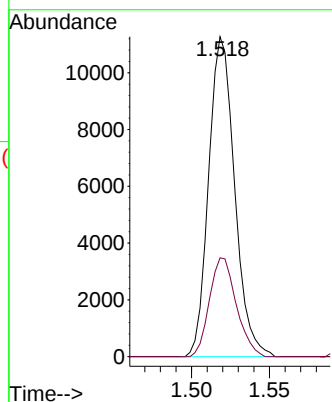
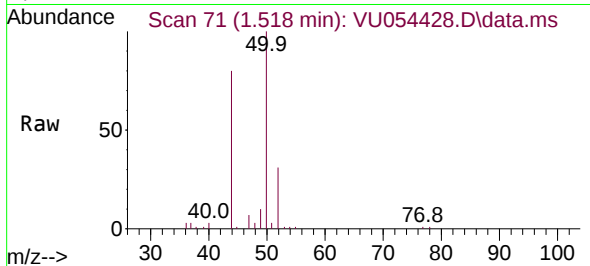




#3  
Chloromethane  
Concen: 0.394 ug/L  
RT: 1.518 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VU054428.D  
Acq: 07 Jun 2023 22:11

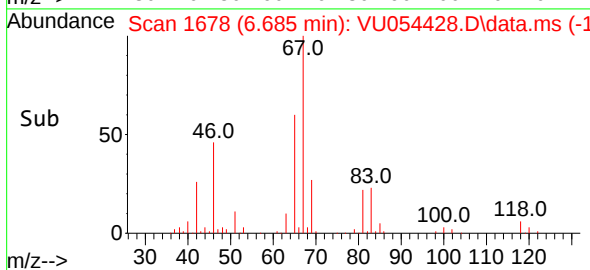
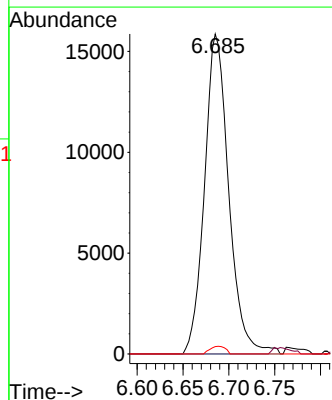
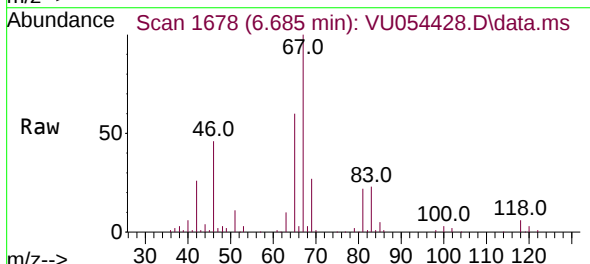
Instrument :  
MSVOA\_U  
ClientSampleId :

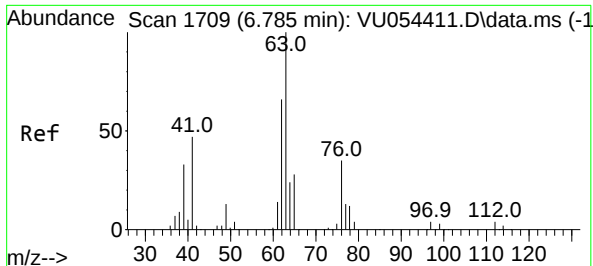
Tgt Ion: 50 Resp: 13078  
Ion Ratio Lower Upper  
50 100  
52 30.9 23.4 43.4



#35  
Methylcyclohexane  
Concen: 0.689 ug/L  
RT: 6.685 min Scan# 1678  
Delta R.T. -0.074 min  
Lab File: VU054428.D  
Acq: 07 Jun 2023 22:11

Tgt Ion: 83 Resp: 29182  
Ion Ratio Lower Upper  
83 100  
55 1.5 67.1 100.7#  
98 1.5 35.1 52.7#





#37

1,2-Dichloropropane

Concen: 0.487 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU054428.D

Acq: 07 Jun 2023 22:11

Instrument :

MSVOA\_U

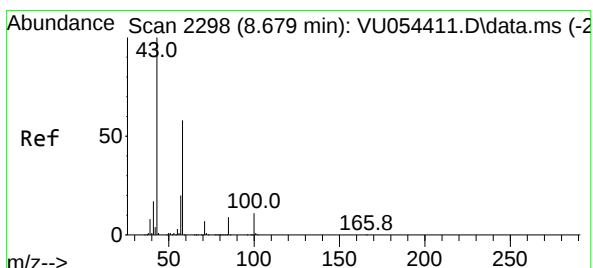
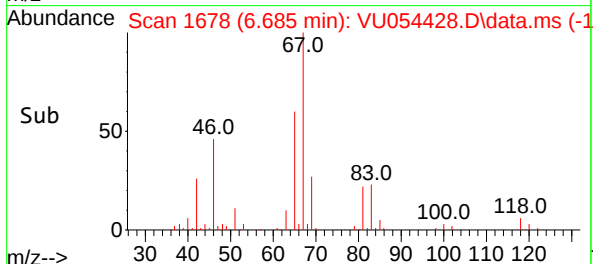
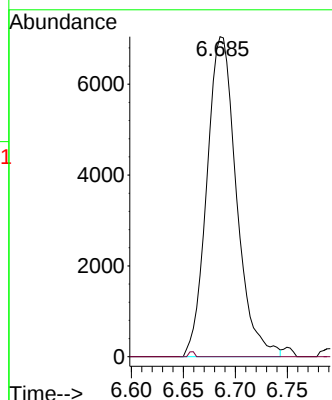
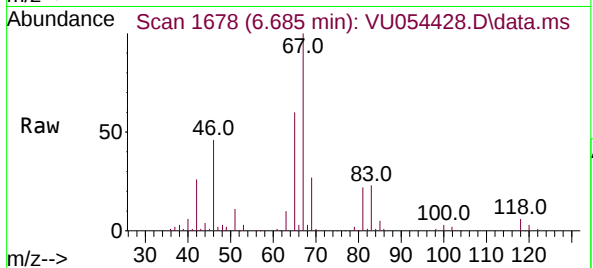
ClientSampleId :

Tgt Ion: 63 Resp: 13949

Ion Ratio Lower Upper

63 100

112 0.3 3.0 4.6#



#48

2-Hexanone

Concen: 1.079 ug/L

RT: 8.685 min Scan# 2300

Delta R.T. 0.006 min

Lab File: VU054428.D

Acq: 07 Jun 2023 22:11

Tgt Ion: 43 Resp: 12289

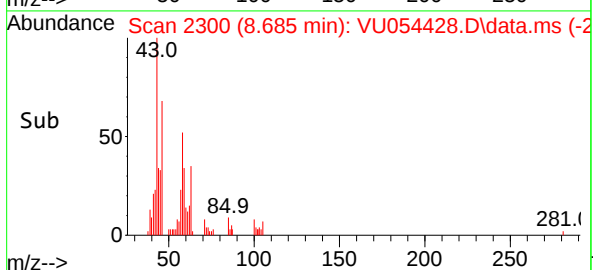
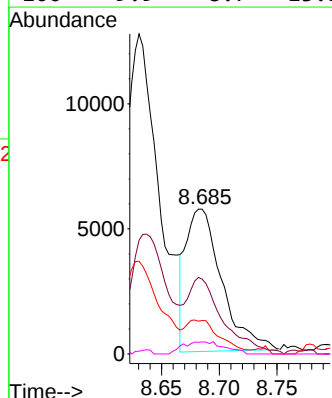
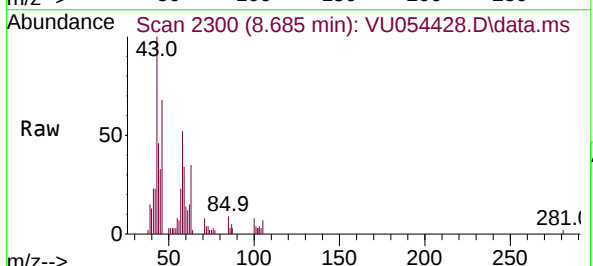
Ion Ratio Lower Upper

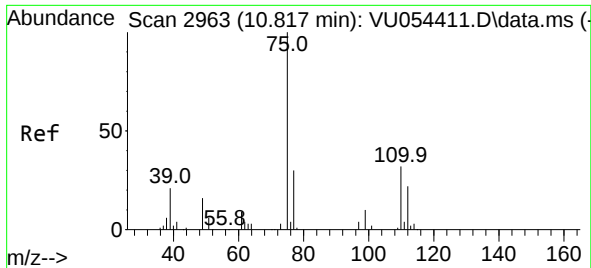
43 100

58 54.0 45.2 67.8

57 23.3 15.8 23.6

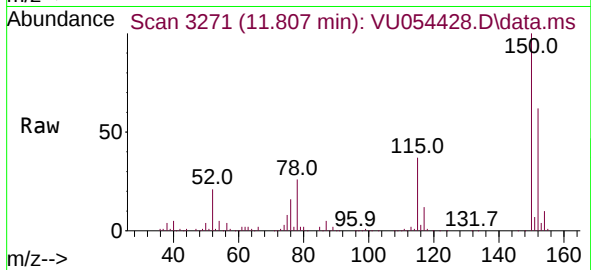
100 9.9 8.7 13.1





#61  
 1,2,3-Trichloropropane  
 Concen: 1.254 ug/L  
 RT: 11.807 min Scan# 31  
 Delta R.T. 0.990 min  
 Lab File: VU054428.D  
 Acq: 07 Jun 2023 22:11

Instrument :  
 MSVOA\_U  
 ClientSampleId :



Tgt Ion: 75 Resp: 17475  
 Ion Ratio Lower Upper  
 75 100  
 110 2.3 28.0 42.0#  
 77 28.9 25.4 38.2

