

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV071624\  
 Data File : VV036570.D  
 Acq On : 16 Jul 2024 16:25  
 Operator : SY/MD  
 Sample : P3238-12  
 Misc : 5.94g/10.0mL/MSVOA\_V/SOIL/A  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 A4BF8

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM071124SMA.M  
 Title : VOC Analysis

Signal : TIC: VV036570.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 1.272       | 66            | 72          | 93           | rVB      | 173390         | 193109        | 18.29%          | 2.489%        |
| 2         | 1.523       | 145           | 150         | 169          | rVB      | 155215         | 186147        | 17.63%          | 2.399%        |
| 3         | 2.050       | 305           | 314         | 330          | rBV      | 322800         | 464238        | 43.97%          | 5.983%        |
| 4         | 2.439       | 427           | 435         | 460          | rVB      | 99305          | 176927        | 16.76%          | 2.280%        |
| 5         | 2.783       | 538           | 542         | 548          | rVB2     | 395            | 364           | 0.03%           | 0.005%        |
| 6         | 2.957       | 586           | 596         | 613          | rVB2     | 6160           | 12012         | 1.14%           | 0.155%        |
| 7         | 3.133       | 648           | 651         | 657          | rVB4     | 433            | 397           | 0.04%           | 0.005%        |
| 8         | 3.346       | 713           | 717         | 723          | rVB      | 404            | 299           | 0.03%           | 0.004%        |
| 9         | 3.448       | 745           | 749         | 753          | rVV3     | 398            | 375           | 0.04%           | 0.005%        |
| 10        | 3.702       | 821           | 828         | 831          | rBV2     | 148            | 177           | 0.02%           | 0.002%        |
| 11        | 3.738       | 835           | 839         | 840          | rBV2     | 284            | 209           | 0.02%           | 0.003%        |
| 12        | 3.815       | 856           | 863         | 892          | rBV      | 14250          | 49037         | 4.64%           | 0.632%        |
| 13        | 4.143       | 962           | 965         | 969          | rBV2     | 653            | 524           | 0.05%           | 0.007%        |
| 14        | 4.249       | 981           | 998         | 1030         | rBV      | 200873         | 521584        | 49.40%          | 6.722%        |
| 15        | 4.522       | 1081          | 1083        | 1087         | rVB3     | 501            | 299           | 0.03%           | 0.004%        |
| 16        | 4.683       | 1130          | 1133        | 1137         | rBV2     | 347            | 246           | 0.02%           | 0.003%        |
| 17        | 4.773       | 1157          | 1161        | 1164         | rBV2     | 167            | 132           | 0.01%           | 0.002%        |
| 18        | 4.953       | 1203          | 1217        | 1259         | rBV2     | 401642         | 1014154       | 96.04%          | 13.069%       |
| 19        | 5.384       | 1347          | 1351        | 1355         | rBV2     | 334            | 246           | 0.02%           | 0.003%        |
| 20        | 5.535       | 1386          | 1398        | 1428         | rBV      | 453691         | 937415        | 88.78%          | 12.080%       |
| 21        | 5.828       | 1479          | 1489        | 1513         | rBV2     | 20630          | 45454         | 4.30%           | 0.586%        |
| 22        | 5.937       | 1521          | 1523        | 1526         | rVB      | 315            | 130           | 0.01%           | 0.002%        |
| 23        | 5.989       | 1526          | 1539        | 1568         | rBV      | 249327         | 523828        | 49.61%          | 6.751%        |
| 24        | 6.259       | 1621          | 1623        | 1626         | rBV2     | 546            | 319           | 0.03%           | 0.004%        |
| 25        | 6.291       | 1631          | 1633        | 1638         | rVB2     | 542            | 330           | 0.03%           | 0.004%        |
| 26        | 6.323       | 1638          | 1643        | 1644         | rBV      | 260            | 197           | 0.02%           | 0.003%        |
| 27        | 6.333       | 1644          | 1646        | 1648         | rBV      | 317            | 143           | 0.01%           | 0.002%        |
| 28        | 6.371       | 1654          | 1658        | 1662         | rBV      | 330            | 293           | 0.03%           | 0.004%        |
| 29        | 6.390       | 1662          | 1664        | 1670         | rVB      | 262            | 196           | 0.02%           | 0.003%        |
| 30        | 6.426       | 1670          | 1675        | 1677         | rBV2     | 308            | 205           | 0.02%           | 0.003%        |
| 31        | 6.538       | 1708          | 1710        | 1715         | rVB2     | 291            | 231           | 0.02%           | 0.003%        |
| 32        | 6.580       | 1715          | 1723        | 1726         | rBV2     | 252            | 318           | 0.03%           | 0.004%        |
| 33        | 6.641       | 1739          | 1742        | 1745         | rVB2     | 253            | 156           | 0.01%           | 0.002%        |
| 34        | 6.821       | 1793          | 1798        | 1801         | rBV      | 232            | 162           | 0.02%           | 0.002%        |
| 35        | 6.866       | 1810          | 1812        | 1818         | rVB2     | 181            | 130           | 0.01%           | 0.002%        |
| 36        | 6.918       | 1818          | 1828        | 1848         | rBV      | 66684          | 131844        | 12.49%          | 1.699%        |

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 ClientSampleId :  
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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

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Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM071124SMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |         |         |         |
|----|--------|------|------|------|------|--------|---------|---------|---------|
| 37 | 7.130  | 1890 | 1894 | 1896 | rBV2 | 369    | 232     | 0.02%   | 0.003%  |
| 38 | 7.165  | 1901 | 1905 | 1908 | rBV2 | 504    | 406     | 0.04%   | 0.005%  |
| 39 | 7.243  | 1918 | 1929 | 1959 | rBV  | 382541 | 689443  | 65.29%  | 8.885%  |
| 40 | 7.558  | 2019 | 2027 | 2047 | rBV2 | 44450  | 86206   | 8.16%   | 1.111%  |
| 41 | 7.734  | 2080 | 2082 | 2083 | rBV  | 423    | 224     | 0.02%   | 0.003%  |
| 42 | 7.876  | 2121 | 2126 | 2128 | rBV4 | 988    | 777     | 0.07%   | 0.010%  |
| 43 | 7.985  | 2152 | 2160 | 2161 | rBV3 | 247    | 281     | 0.03%   | 0.004%  |
| 44 | 8.040  | 2169 | 2177 | 2200 | rBV3 | 25725  | 63110   | 5.98%   | 0.813%  |
| 45 | 8.342  | 2266 | 2271 | 2275 | rVB4 | 324    | 333     | 0.03%   | 0.004%  |
| 46 | 8.361  | 2275 | 2277 | 2281 | rVB2 | 348    | 184     | 0.02%   | 0.002%  |
| 47 | 8.390  | 2281 | 2286 | 2290 | rBV4 | 444    | 433     | 0.04%   | 0.006%  |
| 48 | 8.419  | 2294 | 2295 | 2297 | rBV2 | 292    | 128     | 0.01%   | 0.002%  |
| 49 | 8.493  | 2314 | 2318 | 2323 | rBV3 | 242    | 262     | 0.02%   | 0.003%  |
| 50 | 8.660  | 2368 | 2370 | 2375 | rVB2 | 239    | 153     | 0.01%   | 0.002%  |
| 51 | 8.706  | 2382 | 2384 | 2387 | rBV  | 235    | 135     | 0.01%   | 0.002%  |
| 52 | 8.741  | 2391 | 2395 | 2398 | rBV2 | 383    | 301     | 0.03%   | 0.004%  |
| 53 | 8.786  | 2398 | 2409 | 2441 | rBV  | 645908 | 1055924 | 100.00% | 13.608% |
| 54 | 9.088  | 2496 | 2503 | 2505 | rBV3 | 505    | 578     | 0.05%   | 0.007%  |
| 55 | 9.185  | 2531 | 2533 | 2536 | rBV  | 309    | 193     | 0.02%   | 0.002%  |
| 56 | 9.246  | 2550 | 2552 | 2557 | rVB2 | 491    | 405     | 0.04%   | 0.005%  |
| 57 | 9.394  | 2595 | 2598 | 2599 | rBV2 | 244    | 130     | 0.01%   | 0.002%  |
| 58 | 9.429  | 2606 | 2609 | 2612 | rBV2 | 271    | 212     | 0.02%   | 0.003%  |
| 59 | 9.496  | 2625 | 2630 | 2636 | rVB2 | 489    | 452     | 0.04%   | 0.006%  |
| 60 | 9.577  | 2652 | 2655 | 2659 | rVB  | 276    | 184     | 0.02%   | 0.002%  |
| 61 | 9.641  | 2673 | 2675 | 2682 | rVB3 | 298    | 261     | 0.02%   | 0.003%  |
| 62 | 9.702  | 2690 | 2694 | 2697 | rVV2 | 196    | 145     | 0.01%   | 0.002%  |
| 63 | 9.834  | 2729 | 2735 | 2737 | rBV2 | 342    | 257     | 0.02%   | 0.003%  |
| 64 | 10.017 | 2790 | 2792 | 2794 | rBV2 | 273    | 146     | 0.01%   | 0.002%  |
| 65 | 10.056 | 2799 | 2804 | 2811 | rBV3 | 661    | 805     | 0.08%   | 0.010%  |
| 66 | 10.152 | 2823 | 2834 | 2858 | rBV  | 186146 | 301354  | 28.54%  | 3.884%  |
| 67 | 10.287 | 2873 | 2876 | 2878 | rVB3 | 321    | 158     | 0.01%   | 0.002%  |
| 68 | 10.332 | 2878 | 2890 | 2898 | rVB5 | 1485   | 2762    | 0.26%   | 0.036%  |
| 69 | 10.435 | 2919 | 2922 | 2924 | rBV  | 283    | 223     | 0.02%   | 0.003%  |
| 70 | 10.509 | 2942 | 2945 | 2946 | rBV  | 332    | 151     | 0.01%   | 0.002%  |
| 71 | 10.567 | 2960 | 2963 | 2967 | rBV  | 245    | 189     | 0.02%   | 0.002%  |
| 72 | 10.599 | 2969 | 2973 | 2975 | rBV3 | 290    | 227     | 0.02%   | 0.003%  |
| 73 | 10.638 | 2984 | 2985 | 2987 | rVB3 | 379    | 131     | 0.01%   | 0.002%  |
| 74 | 10.657 | 2987 | 2991 | 2995 | rBV2 | 388    | 361     | 0.03%   | 0.005%  |
| 75 | 10.760 | 3021 | 3023 | 3026 | rVB2 | 237    | 140     | 0.01%   | 0.002%  |
| 76 | 10.779 | 3027 | 3029 | 3031 | rVB  | 271    | 143     | 0.01%   | 0.002%  |

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 A4BF8

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

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Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM071124SMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 77  | 10.831 | 3039 | 3045 | 3047 | rBV2 | 234    | 191    | 0.02%  | 0.002% |
| 78  | 10.869 | 3047 | 3057 | 3082 | rBV3 | 13573  | 35875  | 3.40%  | 0.462% |
| 79  | 11.085 | 3119 | 3124 | 3129 | rVB5 | 1355   | 1486   | 0.14%  | 0.019% |
| 80  | 11.185 | 3144 | 3155 | 3179 | rBV  | 467946 | 740753 | 70.15% | 9.546% |
| 81  | 11.561 | 3261 | 3272 | 3292 | rBV  | 314173 | 502619 | 47.60% | 6.477% |
| 82  | 11.892 | 3373 | 3375 | 3377 | rVB  | 414    | 177    | 0.02%  | 0.002% |
| 83  | 11.927 | 3383 | 3386 | 3389 | rBV2 | 344    | 274    | 0.03%  | 0.004% |
| 84  | 12.024 | 3412 | 3416 | 3418 | rBV3 | 395    | 277    | 0.03%  | 0.004% |
| 85  | 12.104 | 3435 | 3441 | 3445 | rBV3 | 374    | 433    | 0.04%  | 0.006% |
| 86  | 12.143 | 3449 | 3453 | 3455 | rBV3 | 294    | 216    | 0.02%  | 0.003% |
| 87  | 12.188 | 3461 | 3467 | 3475 | rBV3 | 1004   | 1629   | 0.15%  | 0.021% |
| 88  | 12.274 | 3491 | 3494 | 3495 | rBV  | 339    | 160    | 0.02%  | 0.002% |
| 89  | 12.377 | 3524 | 3526 | 3529 | rBV2 | 309    | 217    | 0.02%  | 0.003% |
| 90  | 12.770 | 3645 | 3648 | 3652 | rBV3 | 410    | 298    | 0.03%  | 0.004% |
| 91  | 12.831 | 3661 | 3667 | 3673 | rVB5 | 1646   | 2150   | 0.20%  | 0.028% |
| 92  | 12.860 | 3673 | 3676 | 3680 | rBV2 | 494    | 400    | 0.04%  | 0.005% |
| 93  | 12.959 | 3706 | 3707 | 3712 | rVB2 | 370    | 241    | 0.02%  | 0.003% |
| 94  | 12.982 | 3712 | 3714 | 3719 | rBV2 | 654    | 430    | 0.04%  | 0.006% |
| 95  | 13.348 | 3825 | 3828 | 3830 | rBV  | 344    | 171    | 0.02%  | 0.002% |
| 96  | 13.435 | 3852 | 3855 | 3856 | rBV  | 493    | 290    | 0.03%  | 0.004% |
| 97  | 13.541 | 3885 | 3888 | 3892 | rVB2 | 625    | 396    | 0.04%  | 0.005% |
| 98  | 13.654 | 3920 | 3923 | 3924 | rBV  | 411    | 224    | 0.02%  | 0.003% |
| 99  | 14.426 | 4160 | 4163 | 4165 | rBV2 | 437    | 324    | 0.03%  | 0.004% |
| 100 | 15.364 | 4453 | 4455 | 4461 | rVB4 | 844    | 606    | 0.06%  | 0.008% |

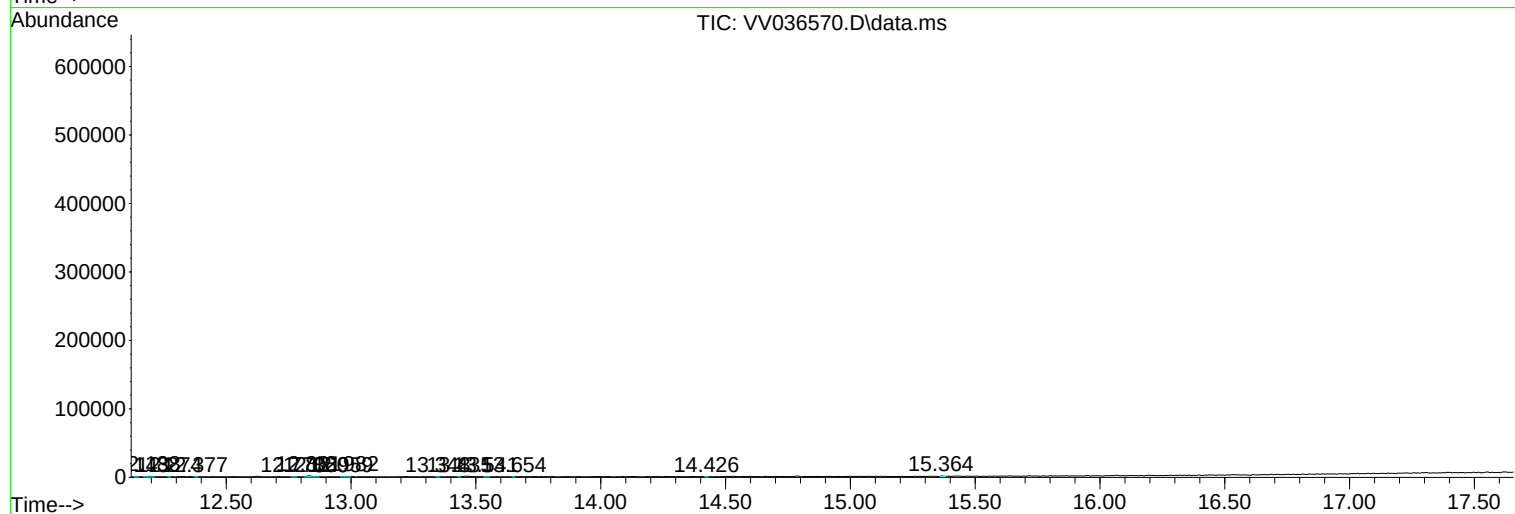
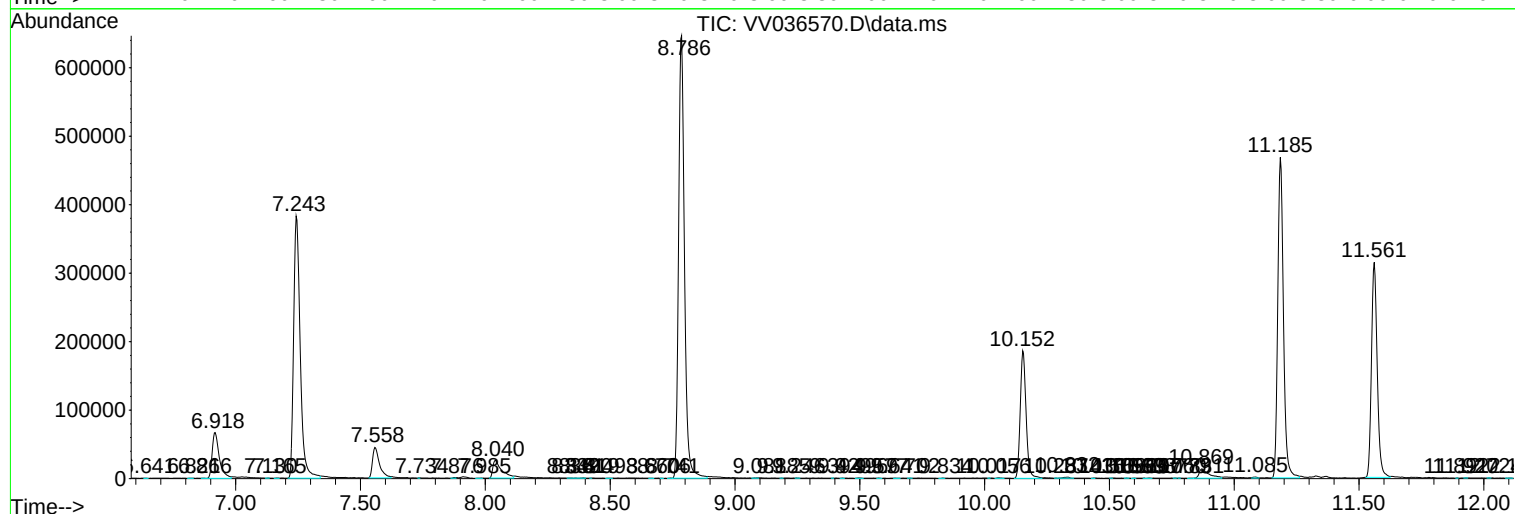
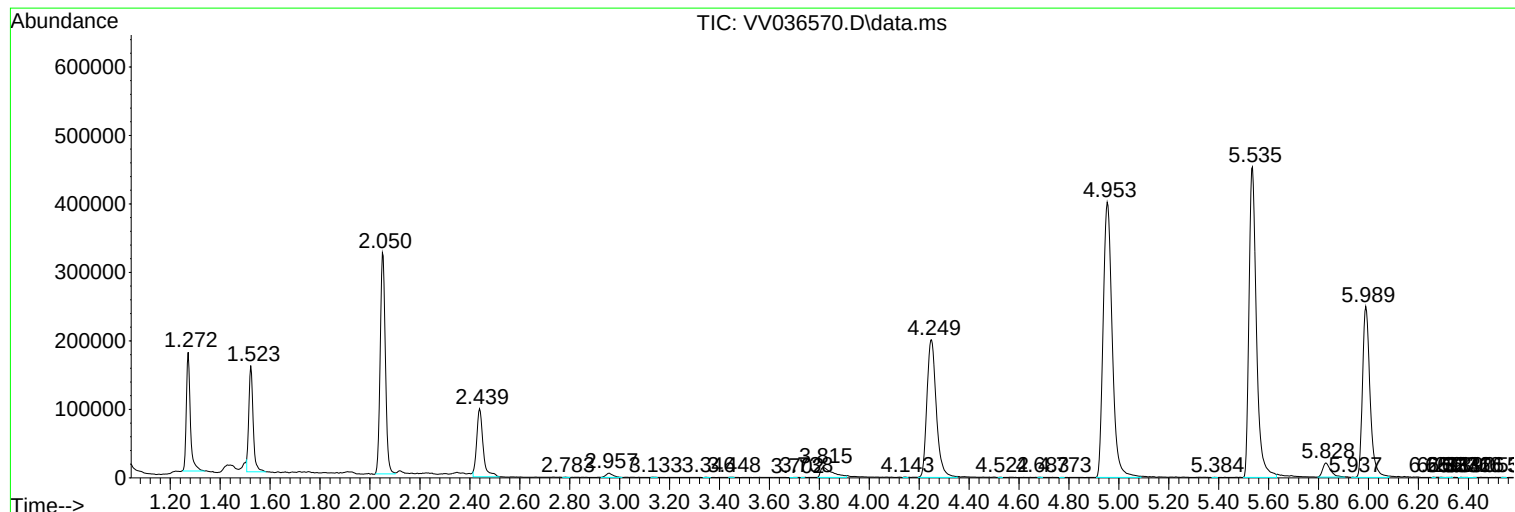
Sum of corrected areas: 7759803

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM071124SMA.M  
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV071624\  
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No Library Search Compounds Detected

\*\*\*\*\*

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| TIC Top Hit name | RT | EstConc | Units | Response | --Internal Standard-- |    |      |      |
|------------------|----|---------|-------|----------|-----------------------|----|------|------|
|                  |    |         |       |          | #                     | RT | Resp | Conc |