

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU100721\  
 Data File : VU045219.D  
 Acq On : 07 Oct 2021 19:40  
 Operator : SY/MD  
 Sample : M4023-16  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AK5

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\_U\Method\SFAMULM092321WMA.M

Title : VOC Analysis

Signal : TIC: VU045219.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         | 1.472       | 34            | 41          | 53           | rBV2     | 17630          | 30744         | 2.38%           | 0.307%        |
| 2         | 1.600       | 73            | 81          | 97           | rBV      | 197600         | 213716        | 16.58%          | 2.136%        |
| 3         | 1.893       | 164           | 172         | 183          | rBV      | 137255         | 181586        | 14.09%          | 1.815%        |
| 4         | 2.562       | 367           | 380         | 397          | rBV      | 271904         | 462582        | 35.88%          | 4.623%        |
| 5         | 2.784       | 444           | 449         | 457          | rVB4     | 842            | 1351          | 0.10%           | 0.014%        |
| 6         | 2.909       | 483           | 488         | 490          | rBV      | 267            | 271           | 0.02%           | 0.003%        |
| 7         | 2.951       | 498           | 501         | 509          | rVB3     | 372            | 447           | 0.03%           | 0.004%        |
| 8         | 3.044       | 523           | 530         | 540          | rVB3     | 693            | 1108          | 0.09%           | 0.011%        |
| 9         | 3.118       | 549           | 553         | 556          | rBV2     | 192            | 173           | 0.01%           | 0.002%        |
| 10        | 3.189       | 565           | 575         | 589          | rVB2     | 2717           | 5615          | 0.44%           | 0.056%        |
| 11        | 3.324       | 614           | 617         | 621          | rVB2     | 232            | 196           | 0.02%           | 0.002%        |
| 12        | 3.427       | 643           | 649         | 654          | rBV2     | 174            | 279           | 0.02%           | 0.003%        |
| 13        | 3.755       | 748           | 751         | 756          | rBV2     | 208            | 187           | 0.01%           | 0.002%        |
| 14        | 3.877       | 779           | 789         | 795          | rBV3     | 721            | 1410          | 0.11%           | 0.014%        |
| 15        | 4.163       | 875           | 878         | 883          | rVV      | 193            | 213           | 0.02%           | 0.002%        |
| 16        | 4.198       | 885           | 889         | 892          | rVB2     | 251            | 191           | 0.01%           | 0.002%        |
| 17        | 4.247       | 901           | 904         | 915          | rVB      | 232            | 314           | 0.02%           | 0.003%        |
| 18        | 4.362       | 936           | 940         | 946          | rBV2     | 169            | 272           | 0.02%           | 0.003%        |
| 19        | 4.629       | 1007          | 1023        | 1061         | rBV      | 137927         | 335045        | 25.99%          | 3.349%        |
| 20        | 4.903       | 1105          | 1108        | 1112         | rVB2     | 270            | 219           | 0.02%           | 0.002%        |
| 21        | 4.922       | 1112          | 1114        | 1118         | rVB2     | 324            | 215           | 0.02%           | 0.002%        |
| 22        | 4.948       | 1118          | 1122        | 1125         | rBV2     | 327            | 303           | 0.02%           | 0.003%        |
| 23        | 5.066       | 1143          | 1159        | 1181         | rBV      | 226411         | 494872        | 38.39%          | 4.946%        |
| 24        | 5.198       | 1196          | 1200        | 1203         | rBV      | 314            | 308           | 0.02%           | 0.003%        |
| 25        | 5.285       | 1224          | 1227        | 1231         | rBV3     | 485            | 559           | 0.04%           | 0.006%        |
| 26        | 5.304       | 1231          | 1233        | 1236         | rVV2     | 479            | 329           | 0.03%           | 0.003%        |
| 27        | 5.366       | 1247          | 1252        | 1254         | rBV3     | 356            | 375           | 0.03%           | 0.004%        |
| 28        | 5.398       | 1259          | 1262        | 1266         | rVB2     | 197            | 168           | 0.01%           | 0.002%        |
| 29        | 5.536       | 1298          | 1305        | 1310         | rBV2     | 128            | 206           | 0.02%           | 0.002%        |
| 30        | 5.581       | 1315          | 1319        | 1325         | rVB      | 256            | 265           | 0.02%           | 0.003%        |
| 31        | 5.729       | 1342          | 1365        | 1394         | rBV2     | 478911         | 1289138       | 100.00%         | 12.885%       |
| 32        | 6.118       | 1483          | 1486        | 1492         | rVB3     | 434            | 376           | 0.03%           | 0.004%        |
| 33        | 6.176       | 1495          | 1504        | 1508         | rVB2     | 182            | 336           | 0.03%           | 0.003%        |
| 34        | 6.253       | 1512          | 1528        | 1550         | rBV      | 378484         | 706579        | 54.81%          | 7.062%        |
| 35        | 6.546       | 1604          | 1619        | 1635         | rBV      | 178712         | 332453        | 25.79%          | 3.323%        |
| 36        | 6.693       | 1646          | 1665        | 1692         | rBV      | 302297         | 587737        | 45.59%          | 5.874%        |

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Peak Location: TOP

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

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM092321WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |         |        |         |
|----|--------|------|------|------|------|--------|---------|--------|---------|
| 37 | 6.890  | 1720 | 1726 | 1729 | rBV2 | 254    | 282     | 0.02%  | 0.003%  |
| 38 | 7.073  | 1781 | 1783 | 1786 | rVB  | 328    | 190     | 0.01%  | 0.002%  |
| 39 | 7.092  | 1786 | 1789 | 1795 | rVB2 | 179    | 227     | 0.02%  | 0.002%  |
| 40 | 7.179  | 1806 | 1816 | 1824 | rBV5 | 1057   | 1896    | 0.15%  | 0.019%  |
| 41 | 7.298  | 1850 | 1853 | 1862 | rBV2 | 154    | 263     | 0.02%  | 0.003%  |
| 42 | 7.410  | 1884 | 1888 | 1892 | rBV2 | 253    | 235     | 0.02%  | 0.002%  |
| 43 | 7.452  | 1898 | 1901 | 1904 | rBV2 | 178    | 166     | 0.01%  | 0.002%  |
| 44 | 7.568  | 1924 | 1937 | 1953 | rBV  | 146518 | 253308  | 19.65% | 2.532%  |
| 45 | 7.687  | 1968 | 1974 | 1985 | rVV3 | 798    | 1149    | 0.09%  | 0.011%  |
| 46 | 7.902  | 2027 | 2041 | 2055 | rBV  | 595033 | 1007333 | 78.14% | 10.068% |
| 47 | 7.973  | 2056 | 2063 | 2074 | rVB  | 8581   | 14806   | 1.15%  | 0.148%  |
| 48 | 8.082  | 2095 | 2097 | 2101 | rVB2 | 465    | 326     | 0.03%  | 0.003%  |
| 49 | 8.108  | 2101 | 2105 | 2110 | rBV2 | 195    | 183     | 0.01%  | 0.002%  |
| 50 | 8.182  | 2116 | 2128 | 2144 | rVV  | 103636 | 169800  | 13.17% | 1.697%  |
| 51 | 8.343  | 2175 | 2178 | 2183 | rBV2 | 200    | 181     | 0.01%  | 0.002%  |
| 52 | 8.410  | 2194 | 2199 | 2200 | rBV  | 262    | 190     | 0.01%  | 0.002%  |
| 53 | 8.475  | 2217 | 2219 | 2224 | rVB2 | 282    | 172     | 0.01%  | 0.002%  |
| 54 | 8.517  | 2228 | 2232 | 2236 | rBV2 | 288    | 376     | 0.03%  | 0.004%  |
| 55 | 8.635  | 2257 | 2269 | 2310 | rBV  | 413321 | 726006  | 56.32% | 7.256%  |
| 56 | 8.883  | 2342 | 2346 | 2352 | rBV2 | 234    | 235     | 0.02%  | 0.002%  |
| 57 | 8.996  | 2376 | 2381 | 2384 | rBV2 | 185    | 215     | 0.02%  | 0.002%  |
| 58 | 9.160  | 2430 | 2432 | 2437 | rVB  | 246    | 207     | 0.02%  | 0.002%  |
| 59 | 9.185  | 2437 | 2440 | 2447 | rVB  | 221    | 199     | 0.02%  | 0.002%  |
| 60 | 9.227  | 2447 | 2453 | 2458 | rBV2 | 187    | 258     | 0.02%  | 0.003%  |
| 61 | 9.420  | 2497 | 2513 | 2535 | rBV  | 539977 | 880170  | 68.28% | 8.797%  |
| 62 | 9.568  | 2555 | 2559 | 2566 | rVB3 | 437    | 628     | 0.05%  | 0.006%  |
| 63 | 9.642  | 2578 | 2582 | 2589 | rVB  | 248    | 343     | 0.03%  | 0.003%  |
| 64 | 9.700  | 2593 | 2600 | 2608 | rVB3 | 1144   | 1669    | 0.13%  | 0.017%  |
| 65 | 9.780  | 2622 | 2625 | 2630 | rVB2 | 197    | 183     | 0.01%  | 0.002%  |
| 66 | 9.886  | 2655 | 2658 | 2662 | rVB2 | 198    | 171     | 0.01%  | 0.002%  |
| 67 | 9.909  | 2662 | 2665 | 2668 | rBV  | 215    | 173     | 0.01%  | 0.002%  |
| 68 | 9.944  | 2673 | 2676 | 2679 | rBV2 | 221    | 182     | 0.01%  | 0.002%  |
| 69 | 9.983  | 2686 | 2688 | 2695 | rVV2 | 542    | 422     | 0.03%  | 0.004%  |
| 70 | 10.047 | 2703 | 2708 | 2712 | rBV  | 273    | 277     | 0.02%  | 0.003%  |
| 71 | 10.105 | 2720 | 2726 | 2728 | rBV3 | 540    | 536     | 0.04%  | 0.005%  |
| 72 | 10.140 | 2733 | 2737 | 2739 | rBV  | 235    | 174     | 0.01%  | 0.002%  |
| 73 | 10.233 | 2760 | 2766 | 2770 | rBV2 | 185    | 251     | 0.02%  | 0.003%  |
| 74 | 10.301 | 2784 | 2787 | 2793 | rBV  | 164    | 172     | 0.01%  | 0.002%  |
| 75 | 10.545 | 2857 | 2863 | 2869 | rBV3 | 646    | 932     | 0.07%  | 0.009%  |
| 76 | 10.674 | 2895 | 2903 | 2911 | rVV3 | 1432   | 2219    | 0.17%  | 0.022%  |

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Peak Location: TOP

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Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM092321WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 77  | 10.761 | 2915 | 2930 | 2948 | rBV  | 417285 | 672253 | 52.15% | 6.719% |
| 78  | 10.864 | 2959 | 2962 | 2966 | rBV2 | 288    | 302    | 0.02%  | 0.003% |
| 79  | 11.092 | 3030 | 3033 | 3037 | rVV2 | 234    | 180    | 0.01%  | 0.002% |
| 80  | 11.462 | 3144 | 3148 | 3149 | rBV  | 706    | 400    | 0.03%  | 0.004% |
| 81  | 11.635 | 3194 | 3202 | 3211 | rVB3 | 1274   | 1870   | 0.15%  | 0.019% |
| 82  | 11.693 | 3214 | 3220 | 3223 | rBV4 | 410    | 438    | 0.03%  | 0.004% |
| 83  | 11.754 | 3233 | 3239 | 3244 | rVB3 | 294    | 335    | 0.03%  | 0.003% |
| 84  | 11.815 | 3245 | 3258 | 3277 | rBV  | 487349 | 768868 | 59.64% | 7.685% |
| 85  | 11.925 | 3289 | 3292 | 3295 | rVB  | 305    | 178    | 0.01%  | 0.002% |
| 86  | 11.947 | 3295 | 3299 | 3302 | rBV3 | 419    | 377    | 0.03%  | 0.004% |
| 87  | 11.976 | 3302 | 3308 | 3315 | rVB3 | 602    | 767    | 0.06%  | 0.008% |
| 88  | 12.082 | 3338 | 3341 | 3343 | rBV2 | 289    | 181    | 0.01%  | 0.002% |
| 89  | 12.124 | 3350 | 3354 | 3356 | rBV2 | 214    | 170    | 0.01%  | 0.002% |
| 90  | 12.195 | 3361 | 3376 | 3394 | rBV  | 518260 | 837159 | 64.94% | 8.367% |
| 91  | 12.526 | 3475 | 3479 | 3482 | rBV  | 624    | 539    | 0.04%  | 0.005% |
| 92  | 12.741 | 3543 | 3546 | 3548 | rBV  | 259    | 192    | 0.01%  | 0.002% |
| 93  | 13.384 | 3743 | 3746 | 3748 | rBV  | 246    | 183    | 0.01%  | 0.002% |
| 94  | 13.571 | 3801 | 3804 | 3809 | rBV  | 289    | 277    | 0.02%  | 0.003% |
| 95  | 13.854 | 3886 | 3892 | 3896 | rBV4 | 414    | 472    | 0.04%  | 0.005% |
| 96  | 14.095 | 3960 | 3967 | 3979 | rVB  | 987    | 1897   | 0.15%  | 0.019% |
| 97  | 14.256 | 4011 | 4017 | 4019 | rBV3 | 369    | 404    | 0.03%  | 0.004% |
| 98  | 14.336 | 4037 | 4042 | 4047 | rVB3 | 606    | 664    | 0.05%  | 0.007% |
| 99  | 14.529 | 4099 | 4102 | 4105 | rBV2 | 249    | 170    | 0.01%  | 0.002% |
| 100 | 14.638 | 4133 | 4136 | 4139 | rBV2 | 302    | 220    | 0.02%  | 0.002% |

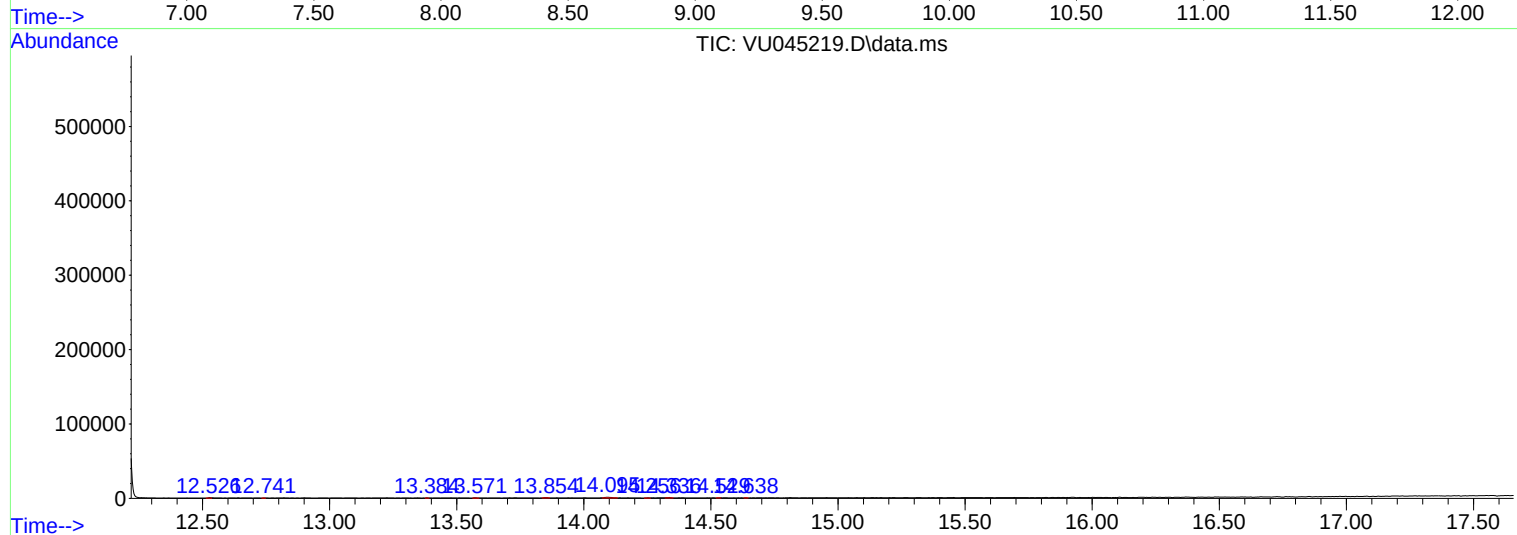
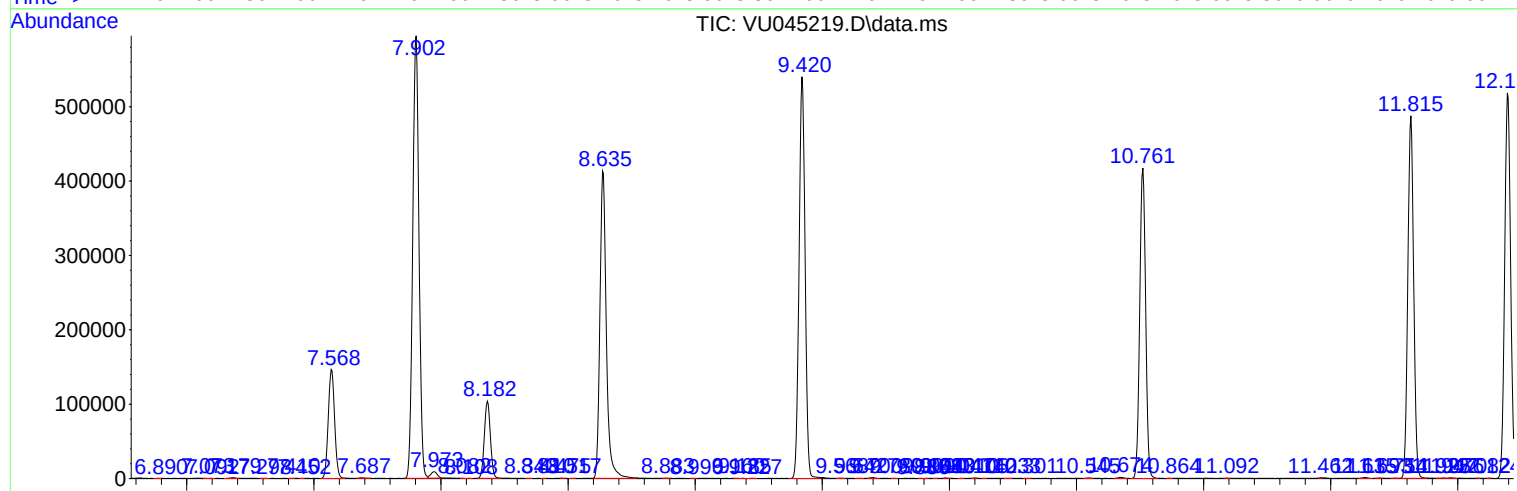
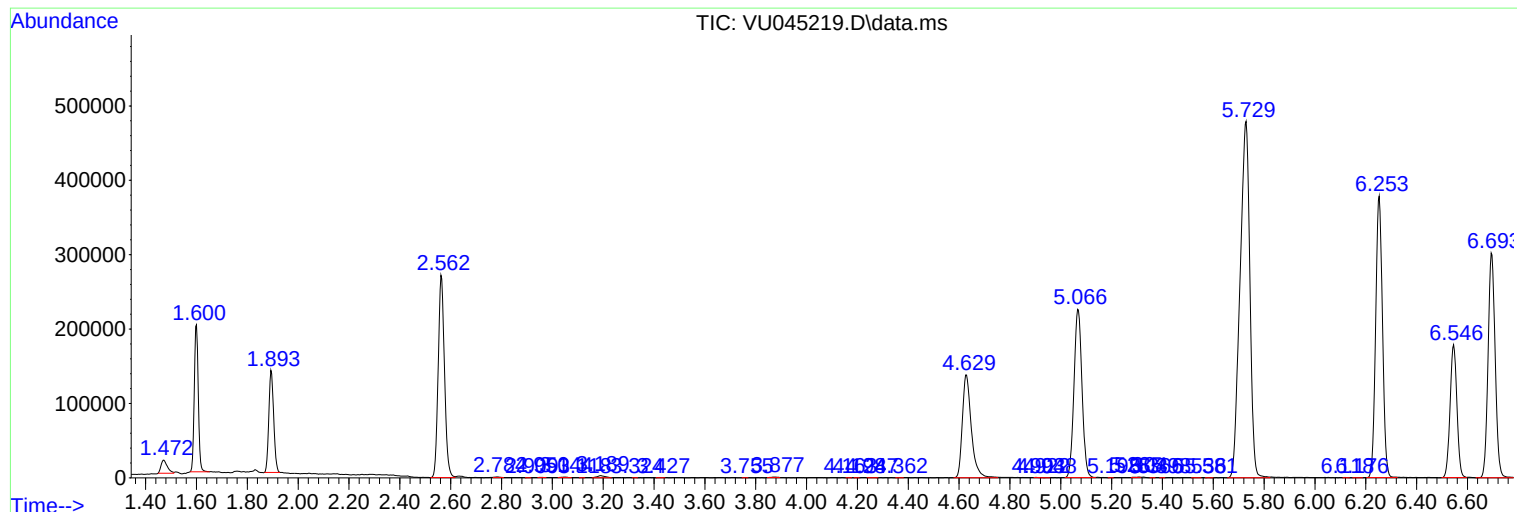
Sum of corrected areas: 10005339

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM092321WMA.M  
Quant Title : VOC Analysis

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



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No Library Search Compounds Detected

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