

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU042322\  
 Data File : VU048243.D  
 Acq On : 23 Apr 2022 14:03  
 Operator : SY/MD  
 Sample : N2486-19 20X  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0J61

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\SFAMULM032422WMA.M  
 Title : VOC Analysis

Signal : TIC: VU048243.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         | 1.482       | 40            | 44          | 49           | rBV2     | 4272           | 4325          | 0.13%           | 0.037%        |
| 2         | 1.517       | 51            | 55          | 67           | rVB3     | 4842           | 6455          | 0.20%           | 0.055%        |
| 3         | 1.601       | 73            | 81          | 97           | rBV      | 133875         | 166511        | 5.18%           | 1.423%        |
| 4         | 1.897       | 165           | 173         | 193          | rVB      | 95947          | 142536        | 4.43%           | 1.218%        |
| 5         | 2.566       | 368           | 381         | 396          | rBV      | 227301         | 376674        | 11.71%          | 3.219%        |
| 6         | 2.723       | 428           | 430         | 434          | rVB2     | 341            | 227           | 0.01%           | 0.002%        |
| 7         | 2.771       | 434           | 445         | 447          | rBV2     | 4550           | 6422          | 0.20%           | 0.055%        |
| 8         | 2.929       | 492           | 494         | 498          | rVB3     | 607            | 362           | 0.01%           | 0.003%        |
| 9         | 2.958       | 498           | 503         | 505          | rBV3     | 336            | 356           | 0.01%           | 0.003%        |
| 10        | 2.984       | 510           | 511         | 517          | rVB2     | 379            | 207           | 0.01%           | 0.002%        |
| 11        | 3.048       | 520           | 531         | 544          | rBV2     | 4892           | 9451          | 0.29%           | 0.081%        |
| 12        | 3.186       | 561           | 574         | 589          | rBV      | 11543          | 28996         | 0.90%           | 0.248%        |
| 13        | 3.356       | 624           | 627         | 630          | rBV      | 363            | 218           | 0.01%           | 0.002%        |
| 14        | 3.424       | 645           | 648         | 654          | rVB2     | 223            | 194           | 0.01%           | 0.002%        |
| 15        | 3.697       | 731           | 733         | 737          | rVB      | 272            | 162           | 0.01%           | 0.001%        |
| 16        | 3.729       | 737           | 743         | 748          | rBV2     | 232            | 266           | 0.01%           | 0.002%        |
| 17        | 4.009       | 827           | 830         | 836          | rBV2     | 206            | 180           | 0.01%           | 0.002%        |
| 18        | 4.119       | 860           | 864         | 867          | rVB      | 284            | 214           | 0.01%           | 0.002%        |
| 19        | 4.154       | 867           | 875         | 876          | rBV2     | 262            | 343           | 0.01%           | 0.003%        |
| 20        | 4.337       | 928           | 932         | 936          | rBV      | 223            | 182           | 0.01%           | 0.002%        |
| 21        | 4.379       | 942           | 945         | 950          | rBV      | 237            | 176           | 0.01%           | 0.002%        |
| 22        | 4.562       | 998           | 1002        | 1004         | rBV      | 313            | 221           | 0.01%           | 0.002%        |
| 23        | 4.623       | 1008          | 1021        | 1065         | rVV      | 118077         | 301343        | 9.37%           | 2.575%        |
| 24        | 4.877       | 1095          | 1100        | 1104         | rBV2     | 355            | 401           | 0.01%           | 0.003%        |
| 25        | 4.980       | 1130          | 1132        | 1135         | rBV      | 244            | 163           | 0.01%           | 0.001%        |
| 26        | 5.064       | 1141          | 1158        | 1184         | rBV      | 190866         | 417427        | 12.98%          | 3.567%        |
| 27        | 5.276       | 1222          | 1224        | 1226         | rBV      | 491            | 319           | 0.01%           | 0.003%        |
| 28        | 5.318       | 1234          | 1237        | 1239         | rBV2     | 248            | 172           | 0.01%           | 0.001%        |
| 29        | 5.434       | 1268          | 1273        | 1281         | rVB      | 282            | 294           | 0.01%           | 0.003%        |
| 30        | 5.591       | 1317          | 1322        | 1324         | rBV2     | 395            | 429           | 0.01%           | 0.004%        |
| 31        | 5.601       | 1324          | 1325        | 1329         | rVV      | 341            | 188           | 0.01%           | 0.002%        |
| 32        | 5.726       | 1342          | 1364        | 1394         | rBV2     | 401298         | 1069090       | 33.25%          | 9.137%        |
| 33        | 5.967       | 1435          | 1439        | 1440         | rBV2     | 447            | 292           | 0.01%           | 0.002%        |
| 34        | 6.044       | 1459          | 1463        | 1466         | rBV2     | 280            | 224           | 0.01%           | 0.002%        |
| 35        | 6.250       | 1512          | 1527        | 1556         | rVV      | 347530         | 665244        | 20.69%          | 5.685%        |
| 36        | 6.353       | 1557          | 1559        | 1566         | rVB3     | 399            | 425           | 0.01%           | 0.004%        |

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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\SFAMULM032422WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 37 | 6.424  | 1579 | 1581 | 1584 | rVB3 | 373    | 191    | 0.01%  | 0.002% |
| 38 | 6.446  | 1584 | 1588 | 1592 | rVB3 | 514    | 396    | 0.01%  | 0.003% |
| 39 | 6.530  | 1608 | 1614 | 1616 | rBV3 | 753    | 800    | 0.02%  | 0.007% |
| 40 | 6.691  | 1650 | 1664 | 1691 | rVB  | 241666 | 471205 | 14.65% | 4.027% |
| 41 | 6.800  | 1695 | 1698 | 1701 | rBV2 | 641    | 523    | 0.02%  | 0.004% |
| 42 | 7.009  | 1759 | 1763 | 1765 | rBV2 | 204    | 169    | 0.01%  | 0.001% |
| 43 | 7.044  | 1770 | 1774 | 1779 | rBV2 | 395    | 472    | 0.01%  | 0.004% |
| 44 | 7.128  | 1795 | 1800 | 1805 | rBV  | 211    | 191    | 0.01%  | 0.002% |
| 45 | 7.179  | 1805 | 1816 | 1827 | rBV6 | 3147   | 6541   | 0.20%  | 0.056% |
| 46 | 7.253  | 1837 | 1839 | 1842 | rVB2 | 304    | 194    | 0.01%  | 0.002% |
| 47 | 7.270  | 1842 | 1844 | 1849 | rVB  | 283    | 247    | 0.01%  | 0.002% |
| 48 | 7.302  | 1849 | 1854 | 1856 | rBV  | 396    | 351    | 0.01%  | 0.003% |
| 49 | 7.456  | 1898 | 1902 | 1906 | rBV2 | 328    | 263    | 0.01%  | 0.002% |
| 50 | 7.501  | 1910 | 1916 | 1919 | rBV  | 190    | 247    | 0.01%  | 0.002% |
| 51 | 7.565  | 1922 | 1936 | 1955 | rVV  | 113596 | 199832 | 6.21%  | 1.708% |
| 52 | 7.655  | 1961 | 1964 | 1965 | rBV2 | 303    | 155    | 0.00%  | 0.001% |
| 53 | 7.688  | 1970 | 1974 | 1984 | rVB4 | 964    | 1415   | 0.04%  | 0.012% |
| 54 | 7.749  | 1989 | 1993 | 1996 | rBV2 | 224    | 158    | 0.00%  | 0.001% |
| 55 | 7.803  | 1999 | 2010 | 2015 | rVB4 | 729    | 1178   | 0.04%  | 0.010% |
| 56 | 7.900  | 2025 | 2040 | 2055 | rBV  | 460781 | 797272 | 24.79% | 6.814% |
| 57 | 8.179  | 2115 | 2127 | 2142 | rBV  | 80100  | 133677 | 4.16%  | 1.142% |
| 58 | 8.459  | 2210 | 2214 | 2215 | rBV  | 291    | 219    | 0.01%  | 0.002% |
| 59 | 8.507  | 2226 | 2229 | 2236 | rVB3 | 367    | 260    | 0.01%  | 0.002% |
| 60 | 8.585  | 2249 | 2253 | 2254 | rBV2 | 257    | 184    | 0.01%  | 0.002% |
| 61 | 8.639  | 2256 | 2270 | 2296 | rBV  | 358797 | 665276 | 20.69% | 5.686% |
| 62 | 8.906  | 2345 | 2353 | 2357 | rVB4 | 493    | 770    | 0.02%  | 0.007% |
| 63 | 8.932  | 2357 | 2361 | 2362 | rBV  | 312    | 220    | 0.01%  | 0.002% |
| 64 | 9.044  | 2393 | 2396 | 2399 | rVB  | 290    | 186    | 0.01%  | 0.002% |
| 65 | 9.064  | 2399 | 2402 | 2406 | rVB2 | 278    | 204    | 0.01%  | 0.002% |
| 66 | 9.417  | 2499 | 2512 | 2517 | rBV  | 537499 | 899613 | 27.98% | 7.688% |
| 67 | 9.572  | 2558 | 2560 | 2565 | rVB2 | 573    | 498    | 0.02%  | 0.004% |
| 68 | 9.636  | 2577 | 2580 | 2582 | rBV  | 413    | 230    | 0.01%  | 0.002% |
| 69 | 9.694  | 2592 | 2598 | 2603 | rBV2 | 763    | 1018   | 0.03%  | 0.009% |
| 70 | 9.752  | 2613 | 2616 | 2624 | rBV2 | 193    | 260    | 0.01%  | 0.002% |
| 71 | 9.970  | 2681 | 2684 | 2688 | rBV  | 272    | 217    | 0.01%  | 0.002% |
| 72 | 10.022 | 2697 | 2700 | 2704 | rBV2 | 245    | 216    | 0.01%  | 0.002% |
| 73 | 10.327 | 2793 | 2795 | 2805 | rVB  | 368    | 515    | 0.02%  | 0.004% |
| 74 | 10.494 | 2842 | 2847 | 2850 | rBV2 | 411    | 509    | 0.02%  | 0.004% |
| 75 | 10.514 | 2850 | 2853 | 2855 | rBV  | 243    | 155    | 0.00%  | 0.001% |
| 76 | 10.565 | 2867 | 2869 | 2872 | rBV2 | 299    | 185    | 0.01%  | 0.002% |

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Peak Location: TOP

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM032422WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |         |         |         |         |
|-----|--------|------|------|------|------|---------|---------|---------|---------|
| 77  | 10.675 | 2898 | 2903 | 2907 | rVB4 | 979     | 938     | 0.03%   | 0.008%  |
| 78  | 10.758 | 2916 | 2929 | 2947 | rBV  | 413960  | 658375  | 20.47%  | 5.627%  |
| 79  | 10.890 | 2968 | 2970 | 2978 | rVB  | 418     | 494     | 0.02%   | 0.004%  |
| 80  | 11.051 | 3014 | 3020 | 3022 | rBV  | 453     | 416     | 0.01%   | 0.004%  |
| 81  | 11.089 | 3029 | 3032 | 3036 | rVB2 | 334     | 224     | 0.01%   | 0.002%  |
| 82  | 11.382 | 3120 | 3123 | 3125 | rBV  | 263     | 150     | 0.00%   | 0.001%  |
| 83  | 11.456 | 3141 | 3146 | 3147 | rBV2 | 866     | 664     | 0.02%   | 0.006%  |
| 84  | 11.465 | 3147 | 3149 | 3151 | rVV4 | 498     | 275     | 0.01%   | 0.002%  |
| 85  | 11.694 | 3217 | 3220 | 3223 | rVB2 | 374     | 221     | 0.01%   | 0.002%  |
| 86  | 11.748 | 3226 | 3237 | 3245 | rVV  | 36371   | 56126   | 1.75%   | 0.480%  |
| 87  | 11.813 | 3245 | 3257 | 3283 | rVB2 | 532464  | 1043230 | 32.44%  | 8.916%  |
| 88  | 12.211 | 3361 | 3381 | 3403 | rBV2 | 1664972 | 3215513 | 100.00% | 27.481% |
| 89  | 12.398 | 3437 | 3439 | 3442 | rVB2 | 356     | 162     | 0.01%   | 0.001%  |
| 90  | 12.427 | 3446 | 3448 | 3450 | rBV2 | 294     | 208     | 0.01%   | 0.002%  |
| 91  | 12.639 | 3510 | 3514 | 3517 | rBV3 | 464     | 410     | 0.01%   | 0.004%  |
| 92  | 12.977 | 3612 | 3619 | 3622 | rBV5 | 1305    | 1608    | 0.05%   | 0.014%  |
| 93  | 13.842 | 3877 | 3888 | 3905 | rBV  | 177708  | 281983  | 8.77%   | 2.410%  |
| 94  | 14.092 | 3960 | 3966 | 3974 | rVB2 | 3469    | 4784    | 0.15%   | 0.041%  |
| 95  | 14.330 | 4030 | 4040 | 4061 | rVB2 | 28879   | 45920   | 1.43%   | 0.392%  |
| 96  | 14.494 | 4089 | 4091 | 4095 | rVB2 | 534     | 336     | 0.01%   | 0.003%  |
| 97  | 14.832 | 4194 | 4196 | 4199 | rBV2 | 489     | 353     | 0.01%   | 0.003%  |
| 98  | 14.861 | 4203 | 4205 | 4208 | rBV3 | 471     | 275     | 0.01%   | 0.002%  |
| 99  | 15.359 | 4358 | 4360 | 4366 | rBV3 | 652     | 590     | 0.02%   | 0.005%  |
| 100 | 15.549 | 4416 | 4419 | 4421 | rBV2 | 906     | 697     | 0.02%   | 0.006%  |

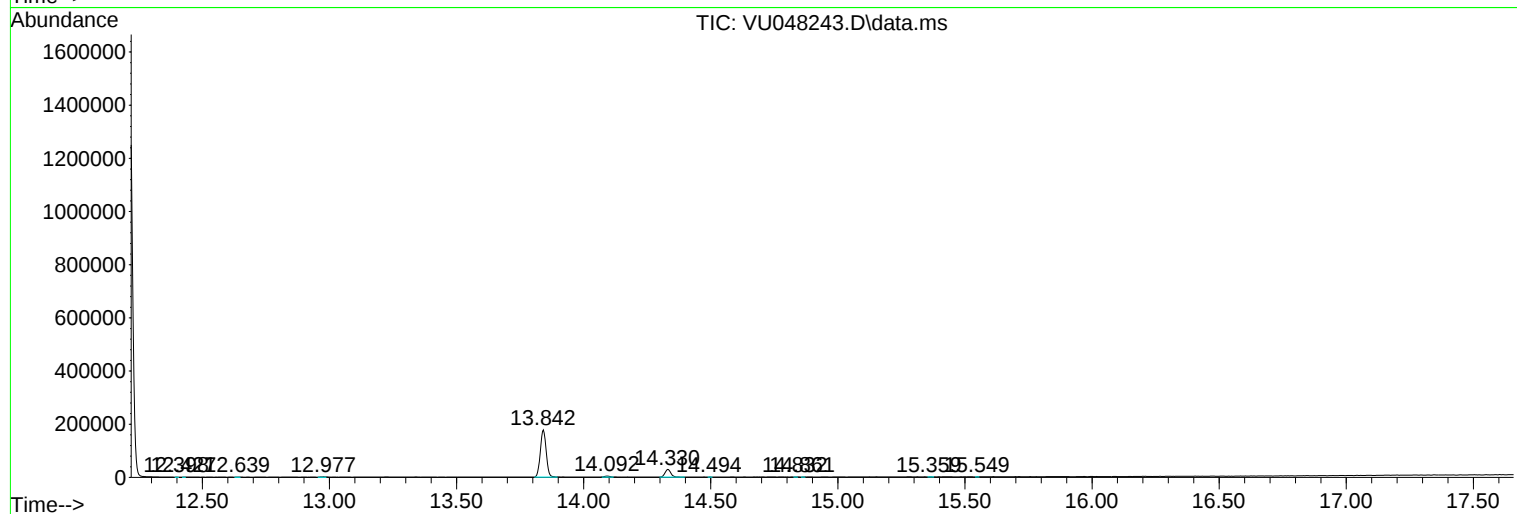
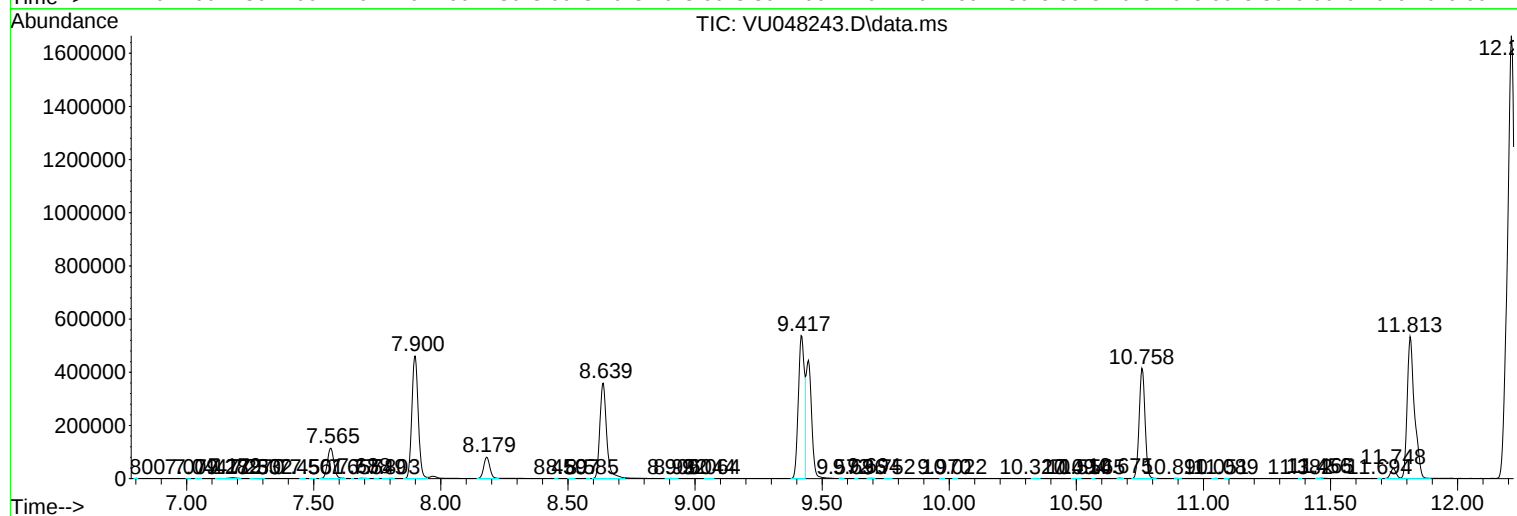
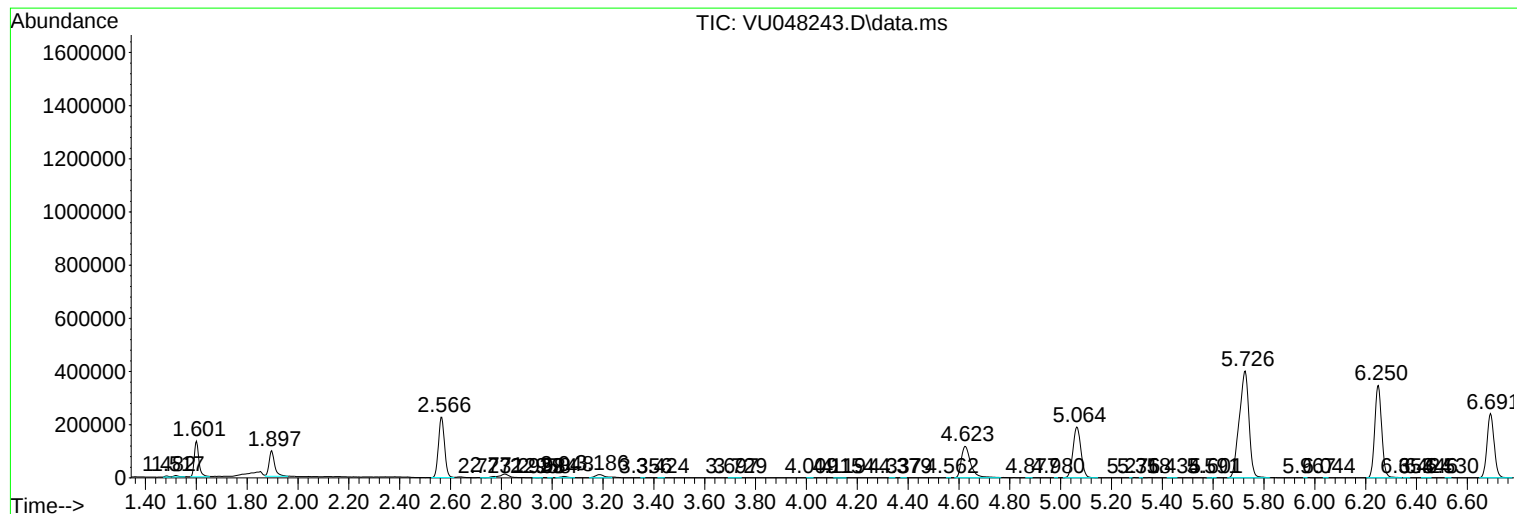
Sum of corrected areas: 11700853

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM032422WMA.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 | --Internal Standard-- |    |      |      |
|------------------|----|---------|-------|----------|-----------------------|----|------|------|
|                  |    |         |       |          | #                     | RT | Resp | Conc |