

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW052424\  
 Data File : VW028767.D  
 Acq On : 25 May 2024 05:00  
 Operator : SY/MD  
 Sample : P2588-16  
 Misc : 5.60g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BH6E1

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\_W\Method\SFAMWLM050224SMA.M  
 Title : SFAM01.0

Signal : TIC: VW028767.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         | 2.369       | 71            | 79          | 97           | rBV      | 186576         | 468289        | 11.82%          | 2.089%        |
| 2         | 2.899       | 158           | 166         | 188          | rVB      | 169518         | 483615        | 12.21%          | 2.158%        |
| 3         | 3.283       | 226           | 229         | 230          | rVB3     | 961            | 800           | 0.02%           | 0.004%        |
| 4         | 3.606       | 281           | 282         | 285          | rBV2     | 702            | 739           | 0.02%           | 0.003%        |
| 5         | 3.698       | 296           | 297         | 301          | rBV4     | 821            | 855           | 0.02%           | 0.004%        |
| 6         | 4.027       | 336           | 351         | 379          | rBV      | 360265         | 1205105       | 30.42%          | 5.377%        |
| 7         | 4.210       | 379           | 381         | 383          | rVB2     | 1203           | 1033          | 0.03%           | 0.005%        |
| 8         | 4.399       | 403           | 412         | 420          | rBV2     | 3142           | 10032         | 0.25%           | 0.045%        |
| 9         | 4.521       | 429           | 432         | 434          | rBV3     | 655            | 858           | 0.02%           | 0.004%        |
| 10        | 4.612       | 441           | 447         | 448          | rBV3     | 2133           | 2375          | 0.06%           | 0.011%        |
| 11        | 4.753       | 464           | 470         | 473          | rVB5     | 760            | 1195          | 0.03%           | 0.005%        |
| 12        | 4.789       | 473           | 476         | 479          | rBV5     | 744            | 829           | 0.02%           | 0.004%        |
| 13        | 4.917       | 486           | 497         | 512          | rBV3     | 28158          | 103397        | 2.61%           | 0.461%        |
| 14        | 5.100       | 524           | 527         | 530          | rBV4     | 735            | 1207          | 0.03%           | 0.005%        |
| 15        | 5.124       | 530           | 531         | 532          | rVV2     | 1111           | 697           | 0.02%           | 0.003%        |
| 16        | 5.143       | 532           | 534         | 536          | rVV2     | 1114           | 1136          | 0.03%           | 0.005%        |
| 17        | 5.167       | 536           | 538         | 541          | rVV4     | 980            | 1176          | 0.03%           | 0.005%        |
| 18        | 5.198       | 541           | 543         | 547          | rVB3     | 1049           | 1275          | 0.03%           | 0.006%        |
| 19        | 5.307       | 557           | 561         | 562          | rBV4     | 780            | 726           | 0.02%           | 0.003%        |
| 20        | 5.490       | 589           | 591         | 593          | rVB3     | 643            | 698           | 0.02%           | 0.003%        |
| 21        | 5.539       | 597           | 599         | 604          | rBV4     | 977            | 1004          | 0.03%           | 0.004%        |
| 22        | 5.771       | 634           | 637         | 640          | rVV5     | 881            | 1042          | 0.03%           | 0.005%        |
| 23        | 5.862       | 650           | 652         | 655          | rBV4     | 635            | 785           | 0.02%           | 0.004%        |
| 24        | 5.948       | 655           | 666         | 677          | rVV3     | 14756          | 44635         | 1.13%           | 0.199%        |
| 25        | 6.667       | 780           | 784         | 787          | rBV3     | 543            | 848           | 0.02%           | 0.004%        |
| 26        | 6.789       | 801           | 804         | 808          | rVB3     | 800            | 1262          | 0.03%           | 0.006%        |
| 27        | 6.831       | 808           | 811         | 814          | rBV4     | 695            | 932           | 0.02%           | 0.004%        |
| 28        | 6.874       | 817           | 818         | 821          | rBV3     | 710            | 736           | 0.02%           | 0.003%        |
| 29        | 6.984       | 834           | 836         | 840          | rVB5     | 840            | 1100          | 0.03%           | 0.005%        |
| 30        | 7.075       | 842           | 851         | 876          | rBV2     | 94760          | 350978        | 8.86%           | 1.566%        |
| 31        | 7.356       | 895           | 897         | 901          | rVB3     | 650            | 751           | 0.02%           | 0.003%        |
| 32        | 7.648       | 934           | 945         | 958          | rBV      | 703908         | 1704677       | 43.03%          | 7.606%        |
| 33        | 8.197       | 1029          | 1035        | 1036         | rVB5     | 528            | 782           | 0.02%           | 0.003%        |
| 34        | 8.276       | 1036          | 1048        | 1067         | rBV2     | 1371241        | 3961445       | 100.00%         | 17.675%       |
| 35        | 8.618       | 1100          | 1104        | 1105         | rBV3     | 657            | 819           | 0.02%           | 0.004%        |
| 36        | 8.685       | 1112          | 1115        | 1116         | rBV3     | 1208           | 1560          | 0.04%           | 0.007%        |

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Integration Parameters: LSCINT.P

Integrator: RTE

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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\_W\Method\SFAMWLM050224SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |         |         |        |         |
|----|--------|------|------|------|------|---------|---------|--------|---------|
| 37 | 8.843  | 1131 | 1141 | 1154 | rBV  | 691831  | 1362058 | 34.38% | 6.077%  |
| 38 | 9.081  | 1173 | 1180 | 1188 | rVV3 | 6835    | 15254   | 0.39%  | 0.068%  |
| 39 | 9.276  | 1202 | 1212 | 1221 | rBV  | 930602  | 1897807 | 47.91% | 8.467%  |
| 40 | 9.666  | 1270 | 1276 | 1281 | rBV6 | 2867    | 6565    | 0.17%  | 0.029%  |
| 41 | 9.715  | 1283 | 1284 | 1289 | rVB5 | 882     | 1054    | 0.03%  | 0.005%  |
| 42 | 9.941  | 1319 | 1321 | 1324 | rBV3 | 685     | 814     | 0.02%  | 0.004%  |
| 43 | 10.032 | 1327 | 1336 | 1346 | rBV  | 433878  | 795711  | 20.09% | 3.550%  |
| 44 | 10.136 | 1349 | 1353 | 1359 | rVB8 | 1835    | 3708    | 0.09%  | 0.017%  |
| 45 | 10.319 | 1375 | 1383 | 1392 | rBV  | 1789129 | 3180134 | 80.28% | 14.189% |
| 46 | 10.575 | 1417 | 1425 | 1438 | rBV  | 257332  | 454404  | 11.47% | 2.027%  |
| 47 | 10.703 | 1440 | 1446 | 1451 | rVB2 | 6077    | 11270   | 0.28%  | 0.050%  |
| 48 | 10.861 | 1470 | 1472 | 1475 | rVB4 | 825     | 749     | 0.02%  | 0.003%  |
| 49 | 10.922 | 1475 | 1482 | 1494 | rBV  | 366174  | 651126  | 16.44% | 2.905%  |
| 50 | 11.056 | 1502 | 1504 | 1513 | rVB5 | 5261    | 9100    | 0.23%  | 0.041%  |
| 51 | 11.172 | 1519 | 1523 | 1529 | rVB7 | 1714    | 2903    | 0.07%  | 0.013%  |
| 52 | 11.398 | 1558 | 1560 | 1565 | rVB6 | 837     | 1174    | 0.03%  | 0.005%  |
| 53 | 11.440 | 1565 | 1567 | 1570 | rVB3 | 1194    | 909     | 0.02%  | 0.004%  |
| 54 | 11.477 | 1570 | 1573 | 1575 | rVB3 | 730     | 700     | 0.02%  | 0.003%  |
| 55 | 11.514 | 1575 | 1579 | 1580 | rBV3 | 808     | 915     | 0.02%  | 0.004%  |
| 56 | 11.629 | 1590 | 1598 | 1608 | rBV  | 889300  | 1488770 | 37.58% | 6.642%  |
| 57 | 11.843 | 1628 | 1633 | 1634 | rBV5 | 1156    | 1331    | 0.03%  | 0.006%  |
| 58 | 11.953 | 1648 | 1651 | 1653 | rBV4 | 785     | 942     | 0.02%  | 0.004%  |
| 59 | 12.068 | 1667 | 1670 | 1673 | rBV4 | 638     | 784     | 0.02%  | 0.003%  |
| 60 | 12.160 | 1679 | 1685 | 1686 | rBV6 | 1129    | 1773    | 0.04%  | 0.008%  |
| 61 | 12.172 | 1686 | 1687 | 1690 | rVV3 | 1402    | 1120    | 0.03%  | 0.005%  |
| 62 | 12.221 | 1693 | 1695 | 1697 | rVB2 | 916     | 774     | 0.02%  | 0.003%  |
| 63 | 12.263 | 1697 | 1702 | 1705 | rBV6 | 827     | 1370    | 0.03%  | 0.006%  |
| 64 | 12.404 | 1723 | 1725 | 1728 | rVB3 | 632     | 758     | 0.02%  | 0.003%  |
| 65 | 12.471 | 1732 | 1736 | 1739 | rVB5 | 1081    | 1793    | 0.05%  | 0.008%  |
| 66 | 12.599 | 1752 | 1757 | 1763 | rVV2 | 7858    | 12532   | 0.32%  | 0.056%  |
| 67 | 12.690 | 1764 | 1772 | 1782 | rVV  | 624041  | 1019848 | 25.74% | 4.550%  |
| 68 | 12.897 | 1803 | 1806 | 1807 | rVV3 | 645     | 840     | 0.02%  | 0.004%  |
| 69 | 12.928 | 1807 | 1811 | 1815 | rVV4 | 2804    | 3875    | 0.10%  | 0.017%  |
| 70 | 13.025 | 1825 | 1827 | 1831 | rVB3 | 874     | 1241    | 0.03%  | 0.006%  |
| 71 | 13.068 | 1831 | 1834 | 1837 | rBV4 | 719     | 1161    | 0.03%  | 0.005%  |
| 72 | 13.111 | 1837 | 1841 | 1848 | rVV6 | 1832    | 3871    | 0.10%  | 0.017%  |
| 73 | 13.184 | 1849 | 1853 | 1856 | rVV5 | 1134    | 2072    | 0.05%  | 0.009%  |
| 74 | 13.227 | 1856 | 1860 | 1865 | rVV7 | 2910    | 5441    | 0.14%  | 0.024%  |
| 75 | 13.294 | 1866 | 1871 | 1876 | rVB4 | 3454    | 5905    | 0.15%  | 0.026%  |
| 76 | 13.403 | 1881 | 1889 | 1893 | rVB6 | 1621    | 3000    | 0.08%  | 0.013%  |

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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

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Peak Location: TOP

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

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Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050224SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |         |         |        |        |
|-----|--------|------|------|------|------|---------|---------|--------|--------|
| 77  | 13.477 | 1895 | 1901 | 1906 | rBV8 | 1206    | 3194    | 0.08%  | 0.014% |
| 78  | 13.556 | 1906 | 1914 | 1928 | rBV  | 687454  | 1086594 | 27.43% | 4.848% |
| 79  | 13.757 | 1943 | 1947 | 1952 | rBV8 | 1269    | 2204    | 0.06%  | 0.010% |
| 80  | 13.849 | 1954 | 1962 | 1974 | rBV  | 1223346 | 1961292 | 49.51% | 8.751% |
| 81  | 14.062 | 1992 | 1997 | 2004 | rVV2 | 7183    | 13102   | 0.33%  | 0.058% |
| 82  | 14.275 | 2031 | 2032 | 2035 | rBV2 | 998     | 1071    | 0.03%  | 0.005% |
| 83  | 14.422 | 2053 | 2056 | 2059 | rVB4 | 1011    | 1170    | 0.03%  | 0.005% |
| 84  | 14.489 | 2065 | 2067 | 2069 | rBV3 | 830     | 691     | 0.02%  | 0.003% |
| 85  | 14.513 | 2069 | 2071 | 2074 | rVB3 | 791     | 700     | 0.02%  | 0.003% |
| 86  | 14.623 | 2084 | 2089 | 2094 | rBV4 | 829     | 2023    | 0.05%  | 0.009% |
| 87  | 14.714 | 2100 | 2104 | 2108 | rBV6 | 3065    | 4757    | 0.12%  | 0.021% |
| 88  | 14.824 | 2120 | 2122 | 2126 | rBV5 | 804     | 964     | 0.02%  | 0.004% |
| 89  | 15.336 | 2205 | 2206 | 2210 | rBV4 | 646     | 816     | 0.02%  | 0.004% |
| 90  | 15.428 | 2217 | 2221 | 2228 | rVV2 | 6996    | 10064   | 0.25%  | 0.045% |
| 91  | 15.488 | 2228 | 2231 | 2234 | rVB5 | 1142    | 1174    | 0.03%  | 0.005% |
| 92  | 15.714 | 2264 | 2268 | 2270 | rBV5 | 674     | 908     | 0.02%  | 0.004% |
| 93  | 15.763 | 2273 | 2276 | 2277 | rBV3 | 834     | 803     | 0.02%  | 0.004% |
| 94  | 15.946 | 2304 | 2306 | 2310 | rVV4 | 641     | 941     | 0.02%  | 0.004% |
| 95  | 16.025 | 2316 | 2319 | 2323 | rBV5 | 823     | 1147    | 0.03%  | 0.005% |
| 96  | 16.074 | 2325 | 2327 | 2331 | rBV4 | 654     | 816     | 0.02%  | 0.004% |
| 97  | 16.208 | 2346 | 2349 | 2354 | rVB6 | 641     | 1023    | 0.03%  | 0.005% |
| 98  | 16.366 | 2373 | 2375 | 2379 | rVB4 | 832     | 837     | 0.02%  | 0.004% |
| 99  | 16.440 | 2384 | 2387 | 2389 | rBV3 | 673     | 721     | 0.02%  | 0.003% |
| 100 | 16.488 | 2391 | 2395 | 2398 | rVB5 | 717     | 1031    | 0.03%  | 0.005% |

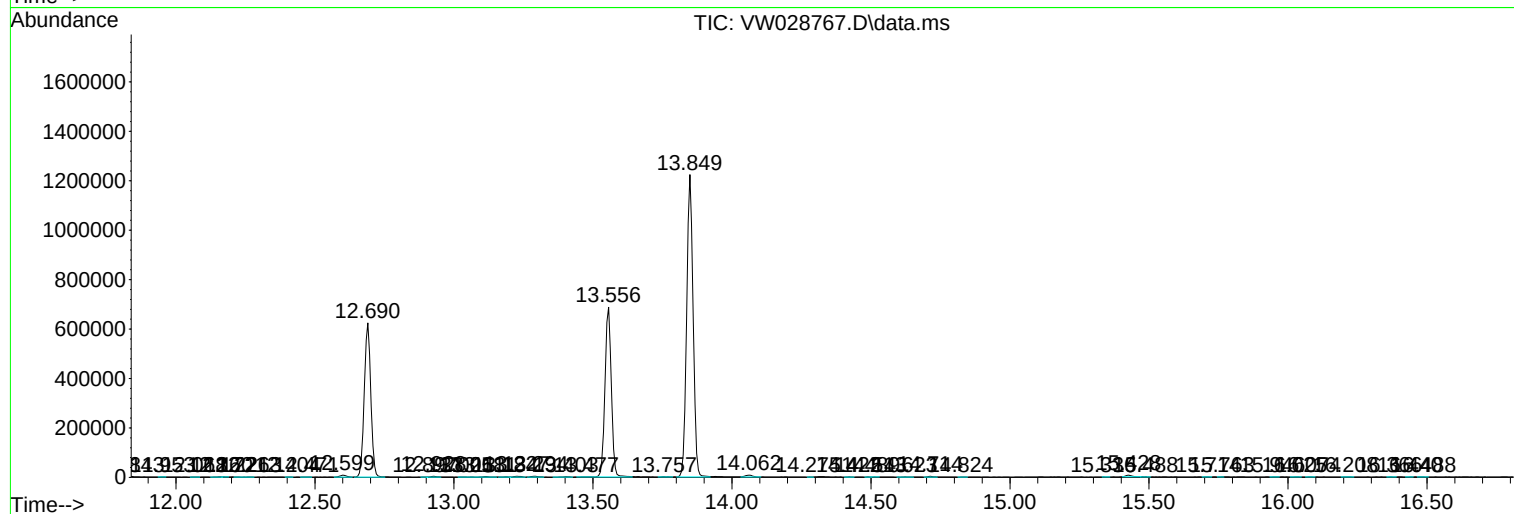
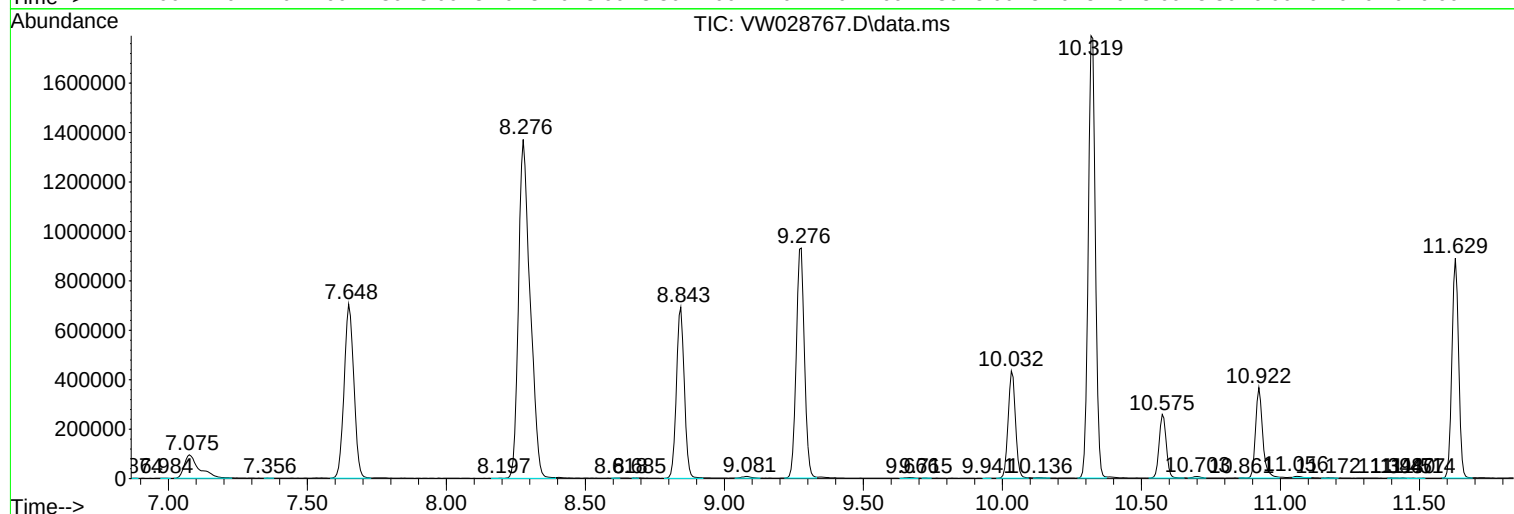
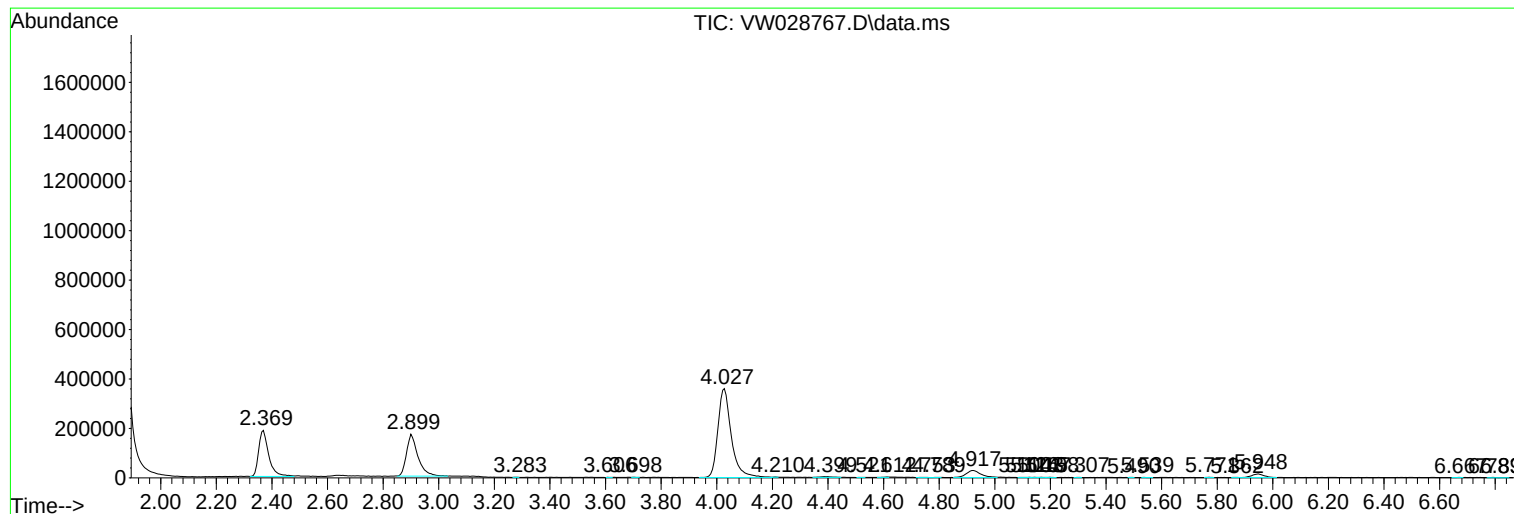
Sum of corrected areas: 22412992

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050224SMA.M  
Quant Title : SFAM01.0

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 |