

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW093021\  
 Data File : VW020270.D  
 Acq On : 30 Sep 2021 15:18  
 Operator : SY/VA  
 Sample : M3973-15  
 Misc : 7.82g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EW8Y1

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\SFAMWLM092121SMA.M  
 Title : SFAM01.0

Signal : TIC: VW020270.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         | 2.355       | 68            | 74          | 84           | rBV      | 101168         | 181677        | 17.52%          | 2.354%        |
| 2         | 2.897       | 155           | 163         | 176          | rBV      | 74295          | 181546        | 17.51%          | 2.352%        |
| 3         | 3.818       | 312           | 314         | 315          | rBV      | 199            | 139           | 0.01%           | 0.002%        |
| 4         | 3.873       | 319           | 323         | 329          | rBB2     | 158            | 230           | 0.02%           | 0.003%        |
| 5         | 4.025       | 336           | 348         | 364          | rBV      | 119232         | 316920        | 30.56%          | 4.106%        |
| 6         | 4.190       | 373           | 375         | 377          | rVB2     | 196            | 188           | 0.02%           | 0.002%        |
| 7         | 4.366       | 401           | 404         | 405          | rBV      | 188            | 157           | 0.02%           | 0.002%        |
| 8         | 4.513       | 425           | 428         | 432          | rBV      | 246            | 312           | 0.03%           | 0.004%        |
| 9         | 4.555       | 432           | 435         | 439          | rVV2     | 212            | 241           | 0.02%           | 0.003%        |
| 10        | 4.641       | 448           | 449         | 456          | rVB2     | 257            | 380           | 0.04%           | 0.005%        |
| 11        | 4.696       | 456           | 458         | 460          | rBV      | 218            | 231           | 0.02%           | 0.003%        |
| 12        | 4.751       | 465           | 467         | 470          | rVV2     | 138            | 122           | 0.01%           | 0.002%        |
| 13        | 4.921       | 485           | 495         | 509          | rVB2     | 8143           | 27987         | 2.70%           | 0.363%        |
| 14        | 5.208       | 540           | 542         | 544          | rBV2     | 118            | 130           | 0.01%           | 0.002%        |
| 15        | 5.433       | 577           | 579         | 582          | rBV2     | 134            | 169           | 0.02%           | 0.002%        |
| 16        | 5.519       | 592           | 593         | 596          | rBV2     | 173            | 155           | 0.01%           | 0.002%        |
| 17        | 5.714       | 623           | 625         | 627          | rBV      | 197            | 203           | 0.02%           | 0.003%        |
| 18        | 5.952       | 654           | 664         | 671          | rBV5     | 2038           | 5397          | 0.52%           | 0.070%        |
| 19        | 6.256       | 713           | 714         | 716          | rBV      | 314            | 184           | 0.02%           | 0.002%        |
| 20        | 6.317       | 722           | 724         | 727          | rVB2     | 203            | 188           | 0.02%           | 0.002%        |
| 21        | 6.409       | 735           | 739         | 742          | rBV2     | 160            | 249           | 0.02%           | 0.003%        |
| 22        | 6.518       | 755           | 757         | 759          | rVB      | 211            | 143           | 0.01%           | 0.002%        |
| 23        | 6.543       | 759           | 761         | 764          | rBV2     | 146            | 137           | 0.01%           | 0.002%        |
| 24        | 6.604       | 769           | 771         | 774          | rVB      | 244            | 188           | 0.02%           | 0.002%        |
| 25        | 6.726       | 790           | 791         | 795          | rVB2     | 181            | 226           | 0.02%           | 0.003%        |
| 26        | 6.805       | 802           | 804         | 806          | rBV2     | 161            | 154           | 0.01%           | 0.002%        |
| 27        | 7.085       | 841           | 850         | 868          | rVV      | 15432          | 43961         | 4.24%           | 0.570%        |
| 28        | 7.207       | 868           | 870         | 871          | rBV      | 167            | 137           | 0.01%           | 0.002%        |
| 29        | 7.311       | 886           | 887         | 891          | rBV      | 336            | 252           | 0.02%           | 0.003%        |
| 30        | 7.652       | 933           | 943         | 954          | rBV      | 170814         | 412856        | 39.81%          | 5.350%        |
| 31        | 7.939       | 986           | 990         | 996          | rVB2     | 439            | 1031          | 0.10%           | 0.013%        |
| 32        | 8.085       | 1011          | 1014        | 1017         | rBV2     | 152            | 234           | 0.02%           | 0.003%        |
| 33        | 8.280       | 1035          | 1046        | 1069         | rVB2     | 303884         | 892327        | 86.04%          | 11.562%       |
| 34        | 8.622       | 1099          | 1102        | 1107         | rVB2     | 247            | 433           | 0.04%           | 0.006%        |
| 35        | 8.664       | 1107          | 1109        | 1110         | rBV2     | 225            | 178           | 0.02%           | 0.002%        |
| 36        | 8.695       | 1110          | 1114        | 1116         | rVV3     | 425            | 673           | 0.06%           | 0.009%        |

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Integrator: RTE

Smoothing : OFF

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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\SFAMWLM092121SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |        |         |         |         |
|----|--------|------|------|------|------|--------|---------|---------|---------|
| 37 | 8.847  | 1129 | 1139 | 1151 | rBV  | 378231 | 743822  | 71.72%  | 9.638%  |
| 38 | 9.018  | 1163 | 1167 | 1168 | rBV2 | 163    | 234     | 0.02%   | 0.003%  |
| 39 | 9.091  | 1171 | 1179 | 1190 | rVB  | 158176 | 316436  | 30.51%  | 4.100%  |
| 40 | 9.274  | 1201 | 1209 | 1226 | rVB  | 288137 | 577404  | 55.67%  | 7.482%  |
| 41 | 9.390  | 1226 | 1228 | 1230 | rVB  | 197    | 141     | 0.01%   | 0.002%  |
| 42 | 9.457  | 1236 | 1239 | 1240 | rBV2 | 155    | 149     | 0.01%   | 0.002%  |
| 43 | 9.555  | 1252 | 1255 | 1257 | rBV2 | 153    | 180     | 0.02%   | 0.002%  |
| 44 | 9.579  | 1257 | 1259 | 1262 | rBV2 | 158    | 167     | 0.02%   | 0.002%  |
| 45 | 9.731  | 1279 | 1284 | 1286 | rBV2 | 342    | 577     | 0.06%   | 0.007%  |
| 46 | 9.878  | 1304 | 1308 | 1309 | rBV2 | 130    | 151     | 0.01%   | 0.002%  |
| 47 | 9.896  | 1309 | 1311 | 1313 | rVB2 | 262    | 151     | 0.01%   | 0.002%  |
| 48 | 9.951  | 1316 | 1320 | 1321 | rBV2 | 104    | 142     | 0.01%   | 0.002%  |
| 49 | 10.036 | 1326 | 1334 | 1345 | rBV  | 102185 | 183849  | 17.73%  | 2.382%  |
| 50 | 10.176 | 1355 | 1357 | 1360 | rBV  | 123    | 125     | 0.01%   | 0.002%  |
| 51 | 10.237 | 1365 | 1367 | 1373 | rVB2 | 117    | 179     | 0.02%   | 0.002%  |
| 52 | 10.323 | 1373 | 1381 | 1389 | rBV  | 615815 | 1037100 | 100.00% | 13.438% |
| 53 | 10.481 | 1405 | 1407 | 1408 | rBV2 | 185    | 127     | 0.01%   | 0.002%  |
| 54 | 10.579 | 1416 | 1423 | 1437 | rVB  | 63867  | 111402  | 10.74%  | 1.443%  |
| 55 | 10.701 | 1439 | 1443 | 1450 | rVB2 | 1922   | 3254    | 0.31%   | 0.042%  |
| 56 | 10.804 | 1458 | 1460 | 1465 | rVV2 | 186    | 154     | 0.01%   | 0.002%  |
| 57 | 10.865 | 1465 | 1470 | 1474 | rVV  | 3888   | 5919    | 0.57%   | 0.077%  |
| 58 | 10.926 | 1474 | 1480 | 1491 | rVV  | 62640  | 101131  | 9.75%   | 1.310%  |
| 59 | 11.176 | 1519 | 1521 | 1526 | rVB2 | 386    | 440     | 0.04%   | 0.006%  |
| 60 | 11.249 | 1532 | 1533 | 1535 | rBV  | 238    | 214     | 0.02%   | 0.003%  |
| 61 | 11.518 | 1576 | 1577 | 1580 | rBV2 | 202    | 167     | 0.02%   | 0.002%  |
| 62 | 11.633 | 1588 | 1596 | 1603 | rBV  | 496417 | 860162  | 82.94%  | 11.145% |
| 63 | 11.835 | 1625 | 1629 | 1635 | rVB4 | 895    | 1545    | 0.15%   | 0.020%  |
| 64 | 11.883 | 1635 | 1637 | 1639 | rBV2 | 216    | 206     | 0.02%   | 0.003%  |
| 65 | 11.938 | 1644 | 1646 | 1649 | rVB2 | 189    | 161     | 0.02%   | 0.002%  |
| 66 | 12.091 | 1668 | 1671 | 1676 | rVB3 | 470    | 818     | 0.08%   | 0.011%  |
| 67 | 12.170 | 1681 | 1684 | 1686 | rBV2 | 365    | 447     | 0.04%   | 0.006%  |
| 68 | 12.310 | 1704 | 1707 | 1708 | rBV2 | 140    | 119     | 0.01%   | 0.002%  |
| 69 | 12.426 | 1725 | 1726 | 1730 | rBV2 | 157    | 219     | 0.02%   | 0.003%  |
| 70 | 12.481 | 1732 | 1735 | 1739 | rVB3 | 372    | 573     | 0.06%   | 0.007%  |
| 71 | 12.603 | 1749 | 1755 | 1756 | rBV3 | 2030   | 3671    | 0.35%   | 0.048%  |
| 72 | 12.694 | 1763 | 1770 | 1777 | rBV2 | 123452 | 210526  | 20.30%  | 2.728%  |
| 73 | 12.749 | 1777 | 1779 | 1786 | rVB3 | 666    | 1108    | 0.11%   | 0.014%  |
| 74 | 12.804 | 1786 | 1788 | 1790 | rVB  | 354    | 285     | 0.03%   | 0.004%  |
| 75 | 12.871 | 1796 | 1799 | 1805 | rVB2 | 300    | 648     | 0.06%   | 0.008%  |
| 76 | 12.938 | 1805 | 1810 | 1816 | rBV2 | 1272   | 2212    | 0.21%   | 0.029%  |

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Peak Location: TOP

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM092121SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 77  | 13.066 | 1827 | 1831 | 1832 | rBV  | 314    | 371    | 0.04%  | 0.005% |
| 78  | 13.188 | 1847 | 1851 | 1855 | rVB2 | 716    | 1309   | 0.13%  | 0.017% |
| 79  | 13.243 | 1858 | 1860 | 1864 | rBV3 | 811    | 1198   | 0.12%  | 0.016% |
| 80  | 13.286 | 1864 | 1867 | 1869 | rVV  | 279    | 401    | 0.04%  | 0.005% |
| 81  | 13.304 | 1869 | 1870 | 1876 | rVB  | 620    | 416    | 0.04%  | 0.005% |
| 82  | 13.407 | 1883 | 1887 | 1892 | rVB4 | 1717   | 2367   | 0.23%  | 0.031% |
| 83  | 13.511 | 1900 | 1904 | 1905 | rBV3 | 451    | 524    | 0.05%  | 0.007% |
| 84  | 13.560 | 1905 | 1912 | 1919 | rVV  | 457263 | 707125 | 68.18% | 9.162% |
| 85  | 13.645 | 1922 | 1926 | 1933 | rVV3 | 6416   | 11326  | 1.09%  | 0.147% |
| 86  | 13.700 | 1933 | 1935 | 1937 | rVB2 | 358    | 286    | 0.03%  | 0.004% |
| 87  | 13.761 | 1941 | 1945 | 1951 | rVB3 | 861    | 1355   | 0.13%  | 0.018% |
| 88  | 13.853 | 1951 | 1960 | 1973 | rBV  | 455075 | 738733 | 71.23% | 9.572% |
| 89  | 13.993 | 1980 | 1983 | 1987 | rBV2 | 170    | 236    | 0.02%  | 0.003% |
| 90  | 14.066 | 1990 | 1995 | 2002 | rVB2 | 2109   | 3420   | 0.33%  | 0.044% |
| 91  | 14.163 | 2009 | 2011 | 2012 | rBV  | 272    | 148    | 0.01%  | 0.002% |
| 92  | 14.218 | 2018 | 2020 | 2022 | rBV  | 218    | 220    | 0.02%  | 0.003% |
| 93  | 14.328 | 2033 | 2038 | 2041 | rVV4 | 1259   | 1589   | 0.15%  | 0.021% |
| 94  | 14.413 | 2047 | 2052 | 2056 | rBV3 | 503    | 889    | 0.09%  | 0.012% |
| 95  | 14.523 | 2065 | 2070 | 2075 | rBV3 | 5004   | 7401   | 0.71%  | 0.096% |
| 96  | 14.840 | 2120 | 2122 | 2125 | rBV2 | 279    | 283    | 0.03%  | 0.004% |
| 97  | 15.486 | 2223 | 2228 | 2229 | rBV3 | 608    | 842    | 0.08%  | 0.011% |
| 98  | 15.560 | 2236 | 2240 | 2241 | rBV3 | 395    | 465    | 0.04%  | 0.006% |
| 99  | 15.718 | 2264 | 2266 | 2268 | rBV2 | 197    | 168    | 0.02%  | 0.002% |
| 100 | 15.785 | 2275 | 2277 | 2281 | rBV2 | 361    | 509    | 0.05%  | 0.007% |

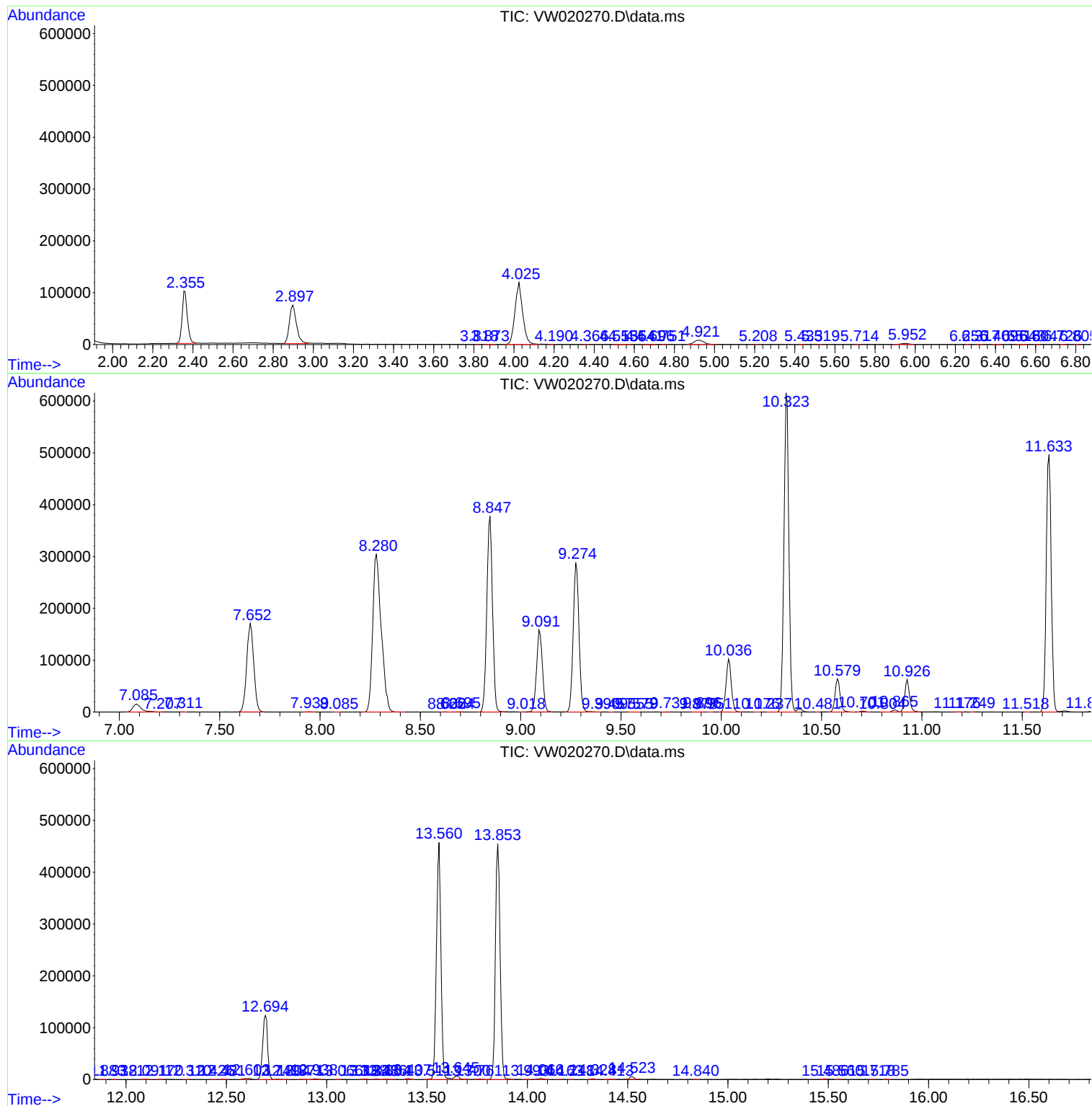
Sum of corrected areas: 7717631

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM092121SMA.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 |

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