

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW122221\  
 Data File : VW021589.D  
 Acq On : 23 Dec 2021 02:30  
 Operator : SY/VA  
 Sample : M5213-13  
 Misc : 6.34g/10.0mL/MSVOA\_W/SOIL  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BGLE5

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\SFAMWLM120921SMA.M  
 Title : SFAM01.0

Signal : TIC: VW021589.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         | 2.349       | 67            | 73          | 86           | rVB      | 87326          | 138497        | 13.97%          | 2.183%        |
| 2         | 2.879       | 153           | 160         | 174          | rVB      | 52489          | 106467        | 10.74%          | 1.678%        |
| 3         | 3.818       | 313           | 314         | 316          | rBV      | 92             | 88            | 0.01%           | 0.001%        |
| 4         | 4.013       | 336           | 346         | 366          | rVB      | 121037         | 331110        | 33.41%          | 5.219%        |
| 5         | 4.361       | 401           | 403         | 404          | rBV      | 86             | 73            | 0.01%           | 0.001%        |
| 6         | 4.403       | 408           | 410         | 411          | rBB      | 114            | 74            | 0.01%           | 0.001%        |
| 7         | 4.428       | 413           | 414         | 416          | rBV      | 91             | 85            | 0.01%           | 0.001%        |
| 8         | 4.501       | 425           | 426         | 429          | rBB      | 133            | 109           | 0.01%           | 0.002%        |
| 9         | 4.824       | 477           | 479         | 482          | rVV      | 169            | 137           | 0.01%           | 0.002%        |
| 10        | 4.916       | 484           | 494         | 508          | rBB3     | 7300           | 22254         | 2.25%           | 0.351%        |
| 11        | 5.031       | 511           | 513         | 515          | rBV3     | 160            | 123           | 0.01%           | 0.002%        |
| 12        | 5.086       | 520           | 522         | 525          | rBV      | 143            | 197           | 0.02%           | 0.003%        |
| 13        | 5.196       | 537           | 540         | 541          | rBV      | 110            | 116           | 0.01%           | 0.002%        |
| 14        | 5.214       | 542           | 543         | 546          | rVB      | 126            | 115           | 0.01%           | 0.002%        |
| 15        | 5.257       | 548           | 550         | 551          | rBB      | 112            | 75            | 0.01%           | 0.001%        |
| 16        | 5.330       | 558           | 562         | 563          | rBV      | 85             | 129           | 0.01%           | 0.002%        |
| 17        | 5.458       | 582           | 583         | 585          | rBV      | 117            | 105           | 0.01%           | 0.002%        |
| 18        | 5.507       | 588           | 591         | 592          | rBB      | 126            | 92            | 0.01%           | 0.001%        |
| 19        | 5.568       | 597           | 601         | 603          | rBB      | 124            | 176           | 0.02%           | 0.003%        |
| 20        | 5.665       | 616           | 617         | 620          | rBB      | 149            | 124           | 0.01%           | 0.002%        |
| 21        | 5.726       | 624           | 627         | 630          | rBV2     | 135            | 186           | 0.02%           | 0.003%        |
| 22        | 5.891       | 653           | 654         | 656          | rBV      | 116            | 95            | 0.01%           | 0.001%        |
| 23        | 5.940       | 656           | 662         | 670          | rVB5     | 760            | 2104          | 0.21%           | 0.033%        |
| 24        | 6.190       | 701           | 703         | 706          | rBV      | 202            | 285           | 0.03%           | 0.004%        |
| 25        | 6.348       | 726           | 729         | 732          | rBB      | 131            | 155           | 0.02%           | 0.002%        |
| 26        | 6.470       | 747           | 749         | 752          | rBB      | 105            | 99            | 0.01%           | 0.002%        |
| 27        | 6.501       | 752           | 754         | 757          | rBV      | 132            | 157           | 0.02%           | 0.002%        |
| 28        | 6.574       | 763           | 766         | 767          | rBV      | 59             | 84            | 0.01%           | 0.001%        |
| 29        | 6.623       | 773           | 774         | 777          | rBV      | 74             | 91            | 0.01%           | 0.001%        |
| 30        | 6.751       | 793           | 795         | 797          | rBB      | 75             | 75            | 0.01%           | 0.001%        |
| 31        | 6.976       | 830           | 832         | 833          | rBB      | 134            | 81            | 0.01%           | 0.001%        |
| 32        | 6.994       | 834           | 835         | 839          | rBB      | 105            | 91            | 0.01%           | 0.001%        |
| 33        | 7.086       | 839           | 850         | 868          | rBV      | 18533          | 52766         | 5.32%           | 0.832%        |
| 34        | 7.257       | 873           | 878         | 884          | rBV2     | 319            | 753           | 0.08%           | 0.012%        |
| 35        | 7.409       | 900           | 903         | 904          | rBB2     | 76             | 74            | 0.01%           | 0.001%        |
| 36        | 7.653       | 932           | 943         | 958          | rBB      | 181157         | 439625        | 44.36%          | 6.929%        |

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Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM120921SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |        |        |         |         |
|----|--------|------|------|------|------|--------|--------|---------|---------|
| 37 | 7.872  | 975  | 979  | 987  | rBB  | 462    | 867    | 0.09%   | 0.014%  |
| 38 | 7.958  | 990  | 993  | 994  | rBB  | 209    | 176    | 0.02%   | 0.003%  |
| 39 | 7.982  | 995  | 997  | 1000 | rBB  | 120    | 120    | 0.01%   | 0.002%  |
| 40 | 8.037  | 1004 | 1006 | 1009 | rBB  | 114    | 137    | 0.01%   | 0.002%  |
| 41 | 8.116  | 1016 | 1019 | 1020 | rBB  | 80     | 72     | 0.01%   | 0.001%  |
| 42 | 8.275  | 1035 | 1045 | 1060 | rBV2 | 347209 | 991132 | 100.00% | 15.621% |
| 43 | 8.689  | 1111 | 1113 | 1116 | rBB  | 140    | 132    | 0.01%   | 0.002%  |
| 44 | 8.842  | 1130 | 1138 | 1150 | rBV  | 170787 | 329599 | 33.25%  | 5.195%  |
| 45 | 8.921  | 1150 | 1151 | 1153 | rVB  | 168    | 84     | 0.01%   | 0.001%  |
| 46 | 9.086  | 1173 | 1178 | 1184 | rBV6 | 2043   | 3990   | 0.40%   | 0.063%  |
| 47 | 9.153  | 1188 | 1189 | 1192 | rBV  | 65     | 90     | 0.01%   | 0.001%  |
| 48 | 9.275  | 1197 | 1209 | 1218 | rBV  | 231598 | 458317 | 46.24%  | 7.223%  |
| 49 | 9.457  | 1234 | 1239 | 1242 | rBV  | 138    | 258    | 0.03%   | 0.004%  |
| 50 | 9.573  | 1256 | 1258 | 1260 | rBV  | 122    | 113    | 0.01%   | 0.002%  |
| 51 | 9.659  | 1267 | 1272 | 1279 | rBB3 | 548    | 979    | 0.10%   | 0.015%  |
| 52 | 9.738  | 1283 | 1285 | 1286 | rBV3 | 171    | 146    | 0.01%   | 0.002%  |
| 53 | 9.896  | 1305 | 1311 | 1315 | rBB3 | 1380   | 2436   | 0.25%   | 0.038%  |
| 54 | 10.037 | 1326 | 1334 | 1342 | rBV  | 130588 | 225842 | 22.79%  | 3.559%  |
| 55 | 10.250 | 1363 | 1369 | 1373 | rBV2 | 582    | 1064   | 0.11%   | 0.017%  |
| 56 | 10.323 | 1373 | 1381 | 1388 | rBV  | 543260 | 941619 | 95.00%  | 14.841% |
| 57 | 10.500 | 1409 | 1410 | 1415 | rVB  | 155    | 182    | 0.02%   | 0.003%  |
| 58 | 10.579 | 1415 | 1423 | 1433 | rBV  | 78405  | 130959 | 13.21%  | 2.064%  |
| 59 | 10.707 | 1438 | 1444 | 1448 | rBV2 | 2386   | 4430   | 0.45%   | 0.070%  |
| 60 | 10.768 | 1453 | 1454 | 1456 | rVB  | 150    | 95     | 0.01%   | 0.001%  |
| 61 | 10.860 | 1464 | 1469 | 1474 | rVV  | 21082  | 36079  | 3.64%   | 0.569%  |
| 62 | 10.927 | 1474 | 1480 | 1489 | rVB  | 77696  | 131461 | 13.26%  | 2.072%  |
| 63 | 11.299 | 1539 | 1541 | 1542 | rBV  | 82     | 72     | 0.01%   | 0.001%  |
| 64 | 11.634 | 1588 | 1596 | 1606 | rVV  | 241291 | 418104 | 42.18%  | 6.590%  |
| 65 | 11.841 | 1623 | 1630 | 1635 | rBV2 | 1804   | 3162   | 0.32%   | 0.050%  |
| 66 | 11.975 | 1651 | 1652 | 1654 | rBV  | 114    | 83     | 0.01%   | 0.001%  |
| 67 | 12.079 | 1666 | 1669 | 1670 | rBV  | 133    | 154    | 0.02%   | 0.002%  |
| 68 | 12.170 | 1679 | 1684 | 1690 | rVB3 | 558    | 1040   | 0.10%   | 0.016%  |
| 69 | 12.237 | 1693 | 1695 | 1699 | rVB  | 225    | 215    | 0.02%   | 0.003%  |
| 70 | 12.463 | 1728 | 1732 | 1737 | rBB  | 499    | 666    | 0.07%   | 0.010%  |
| 71 | 12.512 | 1738 | 1740 | 1743 | rBB  | 96     | 103    | 0.01%   | 0.002%  |
| 72 | 12.603 | 1747 | 1755 | 1762 | rBB2 | 7468   | 16695  | 1.68%   | 0.263%  |
| 73 | 12.689 | 1762 | 1769 | 1776 | rBV  | 156506 | 255104 | 25.74%  | 4.021%  |
| 74 | 12.865 | 1795 | 1798 | 1799 | rBV  | 251    | 272    | 0.03%   | 0.004%  |
| 75 | 12.951 | 1806 | 1812 | 1817 | rBV5 | 1597   | 3960   | 0.40%   | 0.062%  |
| 76 | 13.298 | 1865 | 1869 | 1873 | rVB2 | 1597   | 2035   | 0.21%   | 0.032%  |

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Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM120921SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |        |        |        |         |
|-----|--------|------|------|------|------|--------|--------|--------|---------|
| 77  | 13.408 | 1879 | 1887 | 1894 | rBV2 | 5056   | 10593  | 1.07%  | 0.167%  |
| 78  | 13.463 | 1894 | 1896 | 1897 | rBV  | 450    | 345    | 0.03%  | 0.005%  |
| 79  | 13.554 | 1905 | 1911 | 1918 | rBV  | 287217 | 458241 | 46.23% | 7.222%  |
| 80  | 13.762 | 1939 | 1945 | 1952 | rBV3 | 3341   | 6935   | 0.70%  | 0.109%  |
| 81  | 13.853 | 1952 | 1960 | 1971 | rVV  | 467581 | 795839 | 80.30% | 12.543% |
| 82  | 13.993 | 1981 | 1983 | 1987 | rVB  | 194    | 193    | 0.02%  | 0.003%  |
| 83  | 14.030 | 1987 | 1989 | 1990 | rBV  | 267    | 222    | 0.02%  | 0.003%  |
| 84  | 14.066 | 1990 | 1995 | 1999 | rBV  | 3431   | 5632   | 0.57%  | 0.089%  |
| 85  | 14.188 | 2011 | 2015 | 2016 | rBB  | 113    | 111    | 0.01%  | 0.002%  |
| 86  | 14.225 | 2019 | 2021 | 2023 | rBB  | 79     | 77     | 0.01%  | 0.001%  |
| 87  | 14.261 | 2023 | 2027 | 2029 | rBV  | 324    | 356    | 0.04%  | 0.006%  |
| 88  | 14.322 | 2033 | 2037 | 2043 | rBV3 | 331    | 575    | 0.06%  | 0.009%  |
| 89  | 14.414 | 2050 | 2052 | 2054 | rBV  | 146    | 175    | 0.02%  | 0.003%  |
| 90  | 14.493 | 2062 | 2065 | 2068 | rBV  | 365    | 527    | 0.05%  | 0.008%  |
| 91  | 14.578 | 2077 | 2079 | 2080 | rBB  | 142    | 94     | 0.01%  | 0.001%  |
| 92  | 14.597 | 2081 | 2082 | 2084 | rBV  | 138    | 120    | 0.01%  | 0.002%  |
| 93  | 14.639 | 2088 | 2089 | 2092 | rBB  | 147    | 146    | 0.01%  | 0.002%  |
| 94  | 14.676 | 2093 | 2095 | 2097 | rBV  | 125    | 114    | 0.01%  | 0.002%  |
| 95  | 14.749 | 2106 | 2107 | 2110 | rBV  | 114    | 132    | 0.01%  | 0.002%  |
| 96  | 14.786 | 2110 | 2113 | 2119 | rVB3 | 597    | 1026   | 0.10%  | 0.016%  |
| 97  | 15.194 | 2176 | 2180 | 2183 | rBV2 | 183    | 304    | 0.03%  | 0.005%  |
| 98  | 15.231 | 2183 | 2186 | 2190 | rVV  | 336    | 459    | 0.05%  | 0.007%  |
| 99  | 15.432 | 2215 | 2219 | 2223 | rVB3 | 1678   | 2472   | 0.25%  | 0.039%  |
| 100 | 15.487 | 2224 | 2228 | 2233 | rVB2 | 991    | 1313   | 0.13%  | 0.021%  |

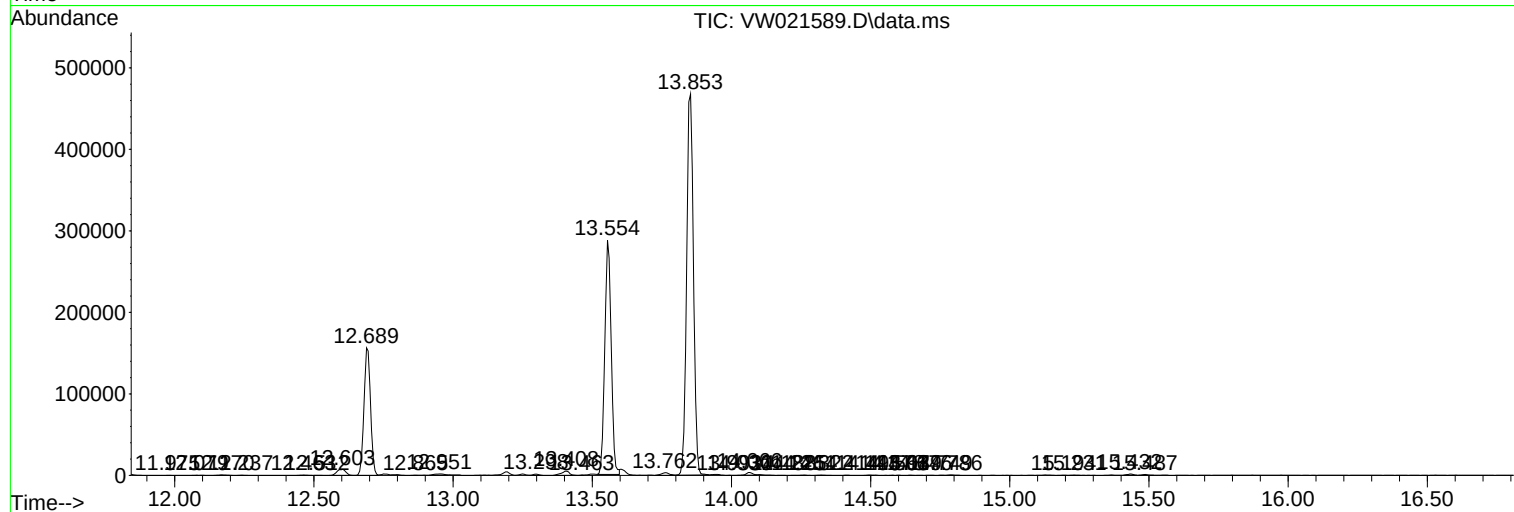
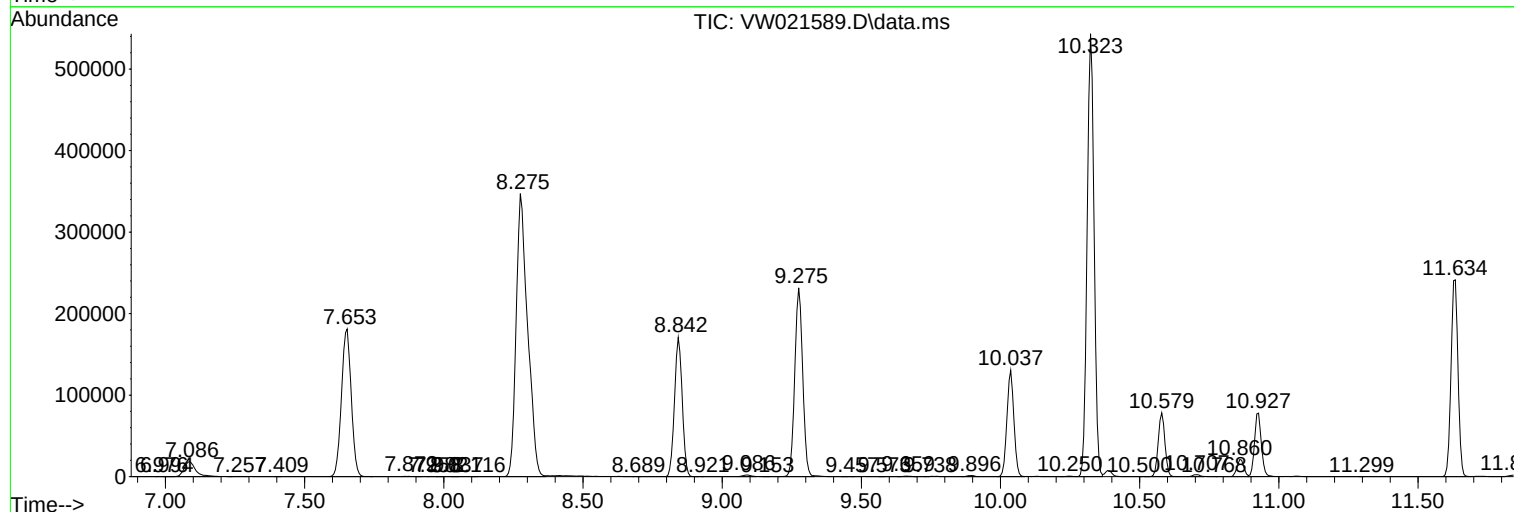
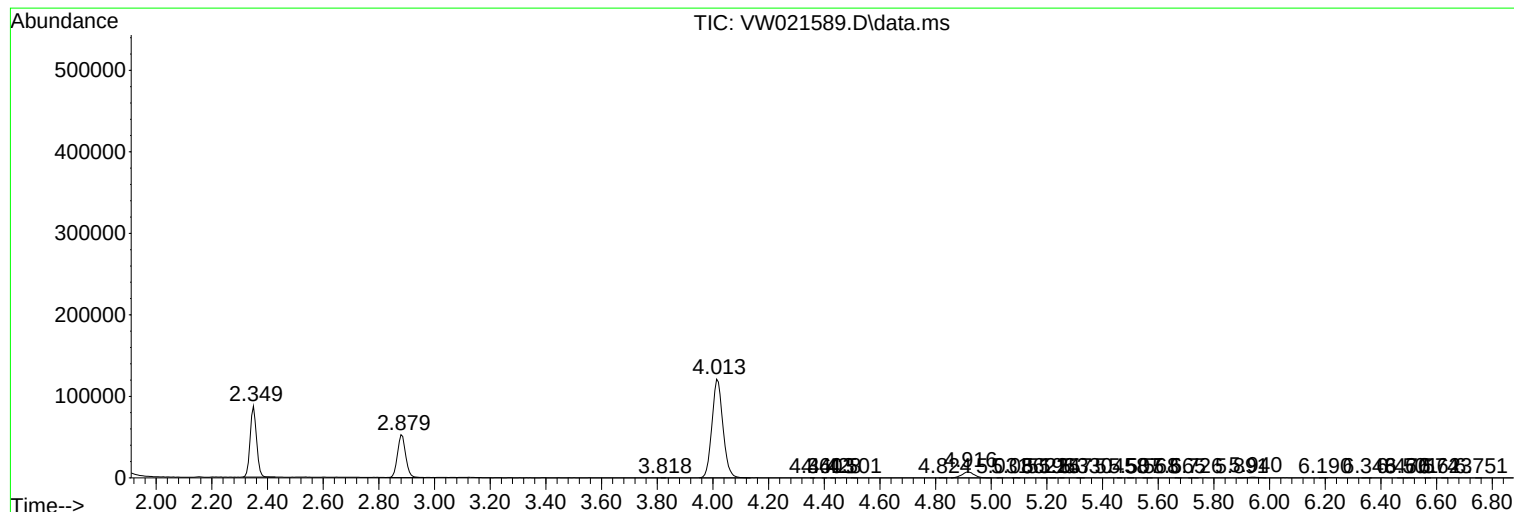
Sum of corrected areas: 6344912

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM120921SMA.M  
Quant Title : SFAM01.0

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



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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM120921SMA.M  
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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 |