

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD032923\  
 Data File : VD075538.D  
 Acq On : 29 Mar 2023 18:00  
 Operator : KP/SY  
 Sample : 02121-17  
 Misc : 6.87G/10.00ml/MSVOA\_D/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 C11B4

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\_D\Method\SFAMDLM030123SMA.M  
 Title : SFAM01.0

Signal : TIC: VD075538.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         | 1.734       | 12            | 25          | 39           | rBV      | 372589         | 761697        | 91.79%          | 10.988%       |
| 2         | 2.058       | 78            | 80          | 82           | rVB      | 623            | 437           | 0.05%           | 0.006%        |
| 3         | 2.093       | 82            | 86          | 87           | rBV2     | 722            | 704           | 0.08%           | 0.010%        |
| 4         | 2.275       | 111           | 117         | 123          | rBV      | 127080         | 182678        | 22.01%          | 2.635%        |
| 5         | 2.805       | 200           | 207         | 215          | rBV      | 117924         | 219873        | 26.50%          | 3.172%        |
| 6         | 3.393       | 305           | 307         | 310          | rBV2     | 615            | 897           | 0.11%           | 0.013%        |
| 7         | 3.446       | 310           | 316         | 318          | rBV3     | 2430           | 3637          | 0.44%           | 0.052%        |
| 8         | 3.834       | 380           | 382         | 383          | rVV2     | 962            | 574           | 0.07%           | 0.008%        |
| 9         | 3.916       | 386           | 396         | 407          | rVV2     | 93911          | 248981        | 30.00%          | 3.592%        |
| 10        | 4.081       | 422           | 424         | 425          | rVB      | 590            | 394           | 0.05%           | 0.006%        |
| 11        | 4.128       | 431           | 432         | 436          | rVB2     | 523            | 506           | 0.06%           | 0.007%        |
| 12        | 4.216       | 444           | 447         | 449          | rBV2     | 345            | 495           | 0.06%           | 0.007%        |
| 13        | 4.446       | 484           | 486         | 487          | rVB      | 683            | 400           | 0.05%           | 0.006%        |
| 14        | 4.469       | 487           | 490         | 491          | rBV      | 430            | 478           | 0.06%           | 0.007%        |
| 15        | 4.805       | 536           | 547         | 558          | rVB3     | 28480          | 92572         | 11.16%          | 1.335%        |
| 16        | 5.052       | 588           | 589         | 592          | rBV2     | 675            | 608           | 0.07%           | 0.009%        |
| 17        | 5.116       | 597           | 600         | 602          | rBV      | 445            | 520           | 0.06%           | 0.008%        |
| 18        | 5.305       | 631           | 632         | 634          | rVB      | 751            | 388           | 0.05%           | 0.006%        |
| 19        | 5.340       | 636           | 638         | 640          | rVV2     | 580            | 519           | 0.06%           | 0.007%        |
| 20        | 5.481       | 660           | 662         | 664          | rBV      | 693            | 631           | 0.08%           | 0.009%        |
| 21        | 5.540       | 670           | 672         | 674          | rVB2     | 813            | 625           | 0.08%           | 0.009%        |
| 22        | 5.587       | 677           | 680         | 682          | rBV2     | 526            | 615           | 0.07%           | 0.009%        |
| 23        | 5.605       | 682           | 683         | 686          | rVB2     | 473            | 485           | 0.06%           | 0.007%        |
| 24        | 5.669       | 693           | 694         | 697          | rVB      | 851            | 625           | 0.08%           | 0.009%        |
| 25        | 5.693       | 697           | 698         | 699          | rBV      | 776            | 412           | 0.05%           | 0.006%        |
| 26        | 5.834       | 718           | 722         | 724          | rBV2     | 1563           | 1844          | 0.22%           | 0.027%        |
| 27        | 5.987       | 746           | 748         | 750          | rVV      | 540            | 407           | 0.05%           | 0.006%        |
| 28        | 6.028       | 753           | 755         | 757          | rVB2     | 583            | 448           | 0.05%           | 0.006%        |
| 29        | 6.046       | 757           | 758         | 762          | rBV2     | 412            | 479           | 0.06%           | 0.007%        |
| 30        | 6.375       | 811           | 814         | 816          | rBV2     | 460            | 485           | 0.06%           | 0.007%        |
| 31        | 6.475       | 830           | 831         | 833          | rBV      | 580            | 470           | 0.06%           | 0.007%        |
| 32        | 6.857       | 894           | 896         | 899          | rBV      | 430            | 390           | 0.05%           | 0.006%        |
| 33        | 6.987       | 909           | 918         | 930          | rBV2     | 16704          | 49182         | 5.93%           | 0.709%        |
| 34        | 7.087       | 933           | 935         | 938          | rVB3     | 999            | 940           | 0.11%           | 0.014%        |
| 35        | 7.181       | 948           | 951         | 955          | rBV2     | 521            | 880           | 0.11%           | 0.013%        |
| 36        | 7.293       | 968           | 970         | 973          | rVB2     | 591            | 474           | 0.06%           | 0.007%        |

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 ClientSampleId :  
 C11B4

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

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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\_D\Method\SFAMDLM030123SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |        |        |         |         |
|----|--------|------|------|------|------|--------|--------|---------|---------|
| 37 | 7.569  | 1006 | 1017 | 1031 | rBV  | 164863 | 419861 | 50.59%  | 6.057%  |
| 38 | 7.716  | 1040 | 1042 | 1044 | rBV  | 411    | 458    | 0.06%   | 0.007%  |
| 39 | 7.922  | 1076 | 1077 | 1084 | rBV2 | 416    | 655    | 0.08%   | 0.009%  |
| 40 | 8.028  | 1093 | 1095 | 1098 | rBV2 | 366    | 409    | 0.05%   | 0.006%  |
| 41 | 8.057  | 1098 | 1100 | 1101 | rBV  | 561    | 400    | 0.05%   | 0.006%  |
| 42 | 8.122  | 1109 | 1111 | 1113 | rBV2 | 564    | 679    | 0.08%   | 0.010%  |
| 43 | 8.204  | 1115 | 1125 | 1144 | rVV2 | 288711 | 829864 | 100.00% | 11.971% |
| 44 | 8.352  | 1148 | 1150 | 1153 | rVB  | 778    | 693    | 0.08%   | 0.010%  |
| 45 | 8.475  | 1169 | 1171 | 1173 | rBV  | 740    | 581    | 0.07%   | 0.008%  |
| 46 | 8.546  | 1181 | 1183 | 1185 | rVB2 | 701    | 552    | 0.07%   | 0.008%  |
| 47 | 8.581  | 1185 | 1189 | 1192 | rBV2 | 542    | 933    | 0.11%   | 0.013%  |
| 48 | 8.646  | 1197 | 1200 | 1205 | rVB2 | 667    | 1045   | 0.13%   | 0.015%  |
| 49 | 8.781  | 1214 | 1223 | 1233 | rBV  | 272514 | 564208 | 67.99%  | 8.139%  |
| 50 | 9.028  | 1258 | 1265 | 1274 | rVB3 | 16599  | 30953  | 3.73%   | 0.447%  |
| 51 | 9.210  | 1287 | 1296 | 1307 | rBV  | 198730 | 408300 | 49.20%  | 5.890%  |
| 52 | 9.328  | 1314 | 1316 | 1318 | rBV2 | 538    | 479    | 0.06%   | 0.007%  |
| 53 | 9.346  | 1318 | 1319 | 1322 | rBV  | 1106   | 911    | 0.11%   | 0.013%  |
| 54 | 9.663  | 1369 | 1373 | 1376 | rVB2 | 573    | 876    | 0.11%   | 0.013%  |
| 55 | 9.699  | 1376 | 1379 | 1381 | rVB  | 628    | 540    | 0.07%   | 0.008%  |
| 56 | 9.763  | 1387 | 1390 | 1392 | rBV2 | 639    | 783    | 0.09%   | 0.011%  |
| 57 | 9.981  | 1420 | 1427 | 1435 | rBV  | 95671  | 176753 | 21.30%  | 2.550%  |
| 58 | 10.093 | 1444 | 1446 | 1448 | rBV2 | 562    | 492    | 0.06%   | 0.007%  |
| 59 | 10.269 | 1468 | 1476 | 1488 | rBV  | 385778 | 681989 | 82.18%  | 9.838%  |
| 60 | 10.528 | 1513 | 1520 | 1526 | rBV  | 59232  | 105028 | 12.66%  | 1.515%  |
| 61 | 10.575 | 1526 | 1528 | 1531 | rVB2 | 974    | 874    | 0.11%   | 0.013%  |
| 62 | 10.663 | 1538 | 1543 | 1549 | rVB2 | 3118   | 5510   | 0.66%   | 0.079%  |
| 63 | 10.810 | 1559 | 1568 | 1574 | rBV  | 54699  | 97487  | 11.75%  | 1.406%  |
| 64 | 10.881 | 1574 | 1580 | 1586 | rVV  | 67179  | 112487 | 13.55%  | 1.623%  |
| 65 | 10.946 | 1590 | 1591 | 1593 | rVB  | 974    | 388    | 0.05%   | 0.006%  |
| 66 | 11.028 | 1600 | 1605 | 1612 | rVB5 | 4253   | 7605   | 0.92%   | 0.110%  |
| 67 | 11.116 | 1618 | 1620 | 1623 | rBV2 | 506    | 527    | 0.06%   | 0.008%  |
| 68 | 11.187 | 1628 | 1632 | 1634 | rBV2 | 754    | 1125   | 0.14%   | 0.016%  |
| 69 | 11.357 | 1658 | 1661 | 1663 | rVB  | 881    | 747    | 0.09%   | 0.011%  |
| 70 | 11.428 | 1670 | 1673 | 1674 | rBV2 | 491    | 503    | 0.06%   | 0.007%  |
| 71 | 11.581 | 1692 | 1699 | 1709 | rVV  | 368608 | 635038 | 76.52%  | 9.161%  |
| 72 | 11.693 | 1716 | 1718 | 1721 | rBV  | 1442   | 1003   | 0.12%   | 0.014%  |
| 73 | 11.745 | 1725 | 1727 | 1730 | rVV3 | 755    | 889    | 0.11%   | 0.013%  |
| 74 | 11.798 | 1735 | 1736 | 1737 | rVV  | 940    | 413    | 0.05%   | 0.006%  |
| 75 | 11.816 | 1737 | 1739 | 1742 | rVB2 | 654    | 441    | 0.05%   | 0.006%  |
| 76 | 12.098 | 1785 | 1787 | 1789 | rBV2 | 868    | 749    | 0.09%   | 0.011%  |

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 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
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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

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\_D\Method\SFAMDLM030123SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 77  | 12.163 | 1797 | 1798 | 1801 | rBV2 | 764    | 710    | 0.09%  | 0.010% |
| 78  | 12.581 | 1864 | 1869 | 1874 | rBV3 | 3467   | 5095   | 0.61%  | 0.073% |
| 79  | 12.651 | 1875 | 1881 | 1889 | rVB  | 159980 | 265997 | 32.05% | 3.837% |
| 80  | 12.751 | 1896 | 1898 | 1900 | rVB  | 1174   | 833    | 0.10%  | 0.012% |
| 81  | 12.775 | 1900 | 1902 | 1903 | rBV  | 775    | 716    | 0.09%  | 0.010% |
| 82  | 12.987 | 1936 | 1938 | 1941 | rVB  | 798    | 526    | 0.06%  | 0.008% |
| 83  | 13.245 | 1980 | 1982 | 1987 | rBV3 | 708    | 1265   | 0.15%  | 0.018% |
| 84  | 13.328 | 1994 | 1996 | 1998 | rBV2 | 868    | 788    | 0.09%  | 0.011% |
| 85  | 13.522 | 2022 | 2029 | 2036 | rBV  | 282321 | 457787 | 55.16% | 6.604% |
| 86  | 13.616 | 2042 | 2045 | 2048 | rBV2 | 2365   | 3198   | 0.39%  | 0.046% |
| 87  | 13.698 | 2057 | 2059 | 2062 | rVB2 | 661    | 610    | 0.07%  | 0.009% |
| 88  | 13.728 | 2062 | 2064 | 2065 | rBV  | 796    | 626    | 0.08%  | 0.009% |
| 89  | 13.816 | 2072 | 2079 | 2090 | rVB  | 306116 | 506945 | 61.09% | 7.313% |
| 90  | 13.922 | 2095 | 2097 | 2099 | rBV  | 625    | 609    | 0.07%  | 0.009% |
| 91  | 13.992 | 2108 | 2109 | 2110 | rBV  | 663    | 402    | 0.05%  | 0.006% |
| 92  | 14.051 | 2114 | 2119 | 2124 | rVV3 | 4134   | 7283   | 0.88%  | 0.105% |
| 93  | 14.134 | 2131 | 2133 | 2134 | rBV  | 689    | 418    | 0.05%  | 0.006% |
| 94  | 14.145 | 2134 | 2135 | 2137 | rVV  | 1123   | 477    | 0.06%  | 0.007% |
| 95  | 14.257 | 2152 | 2154 | 2155 | rBV  | 1257   | 850    | 0.10%  | 0.012% |
| 96  | 14.675 | 2223 | 2225 | 2226 | rBV  | 961    | 545    | 0.07%  | 0.008% |
| 97  | 14.716 | 2231 | 2232 | 2234 | rBV2 | 751    | 528    | 0.06%  | 0.008% |
| 98  | 15.410 | 2346 | 2350 | 2356 | rVB2 | 3500   | 5131   | 0.62%  | 0.074% |
| 99  | 15.475 | 2359 | 2361 | 2362 | rBV2 | 1288   | 1051   | 0.13%  | 0.015% |
| 100 | 16.416 | 2519 | 2521 | 2524 | rBV  | 1105   | 911    | 0.11%  | 0.013% |

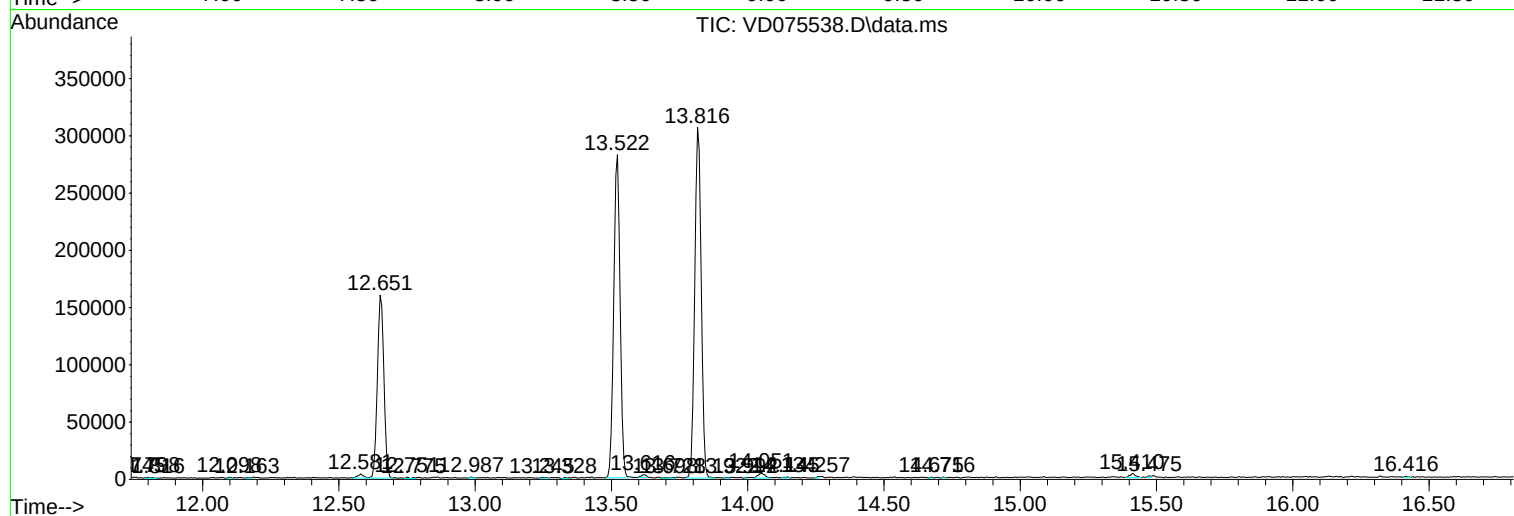
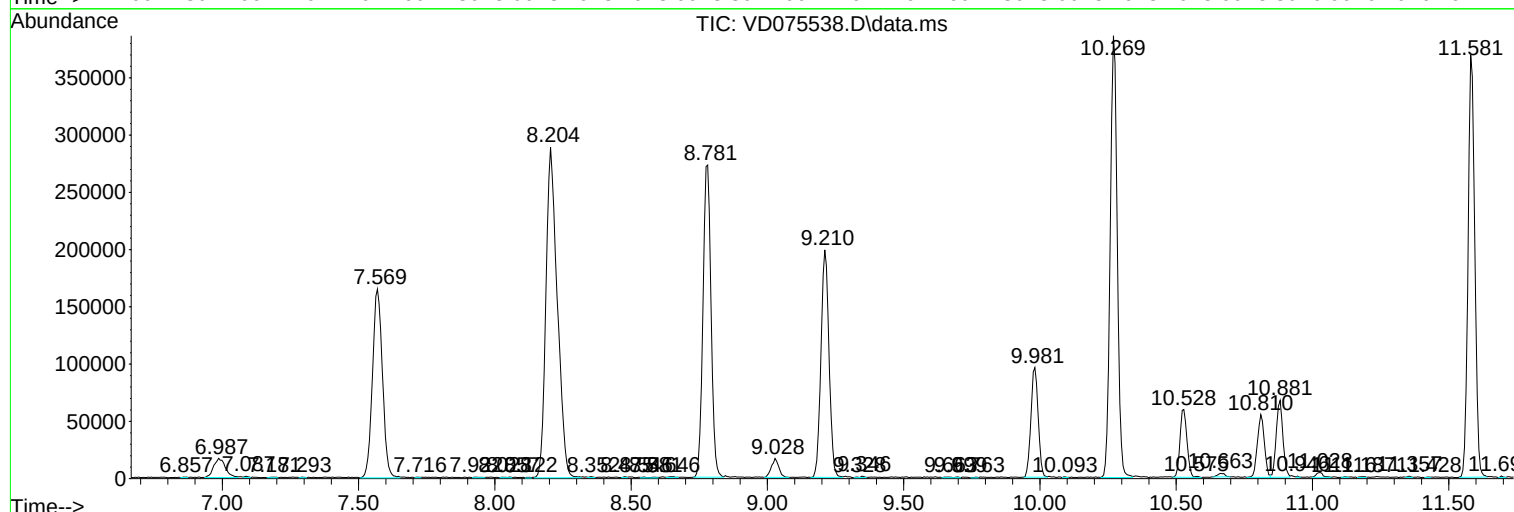
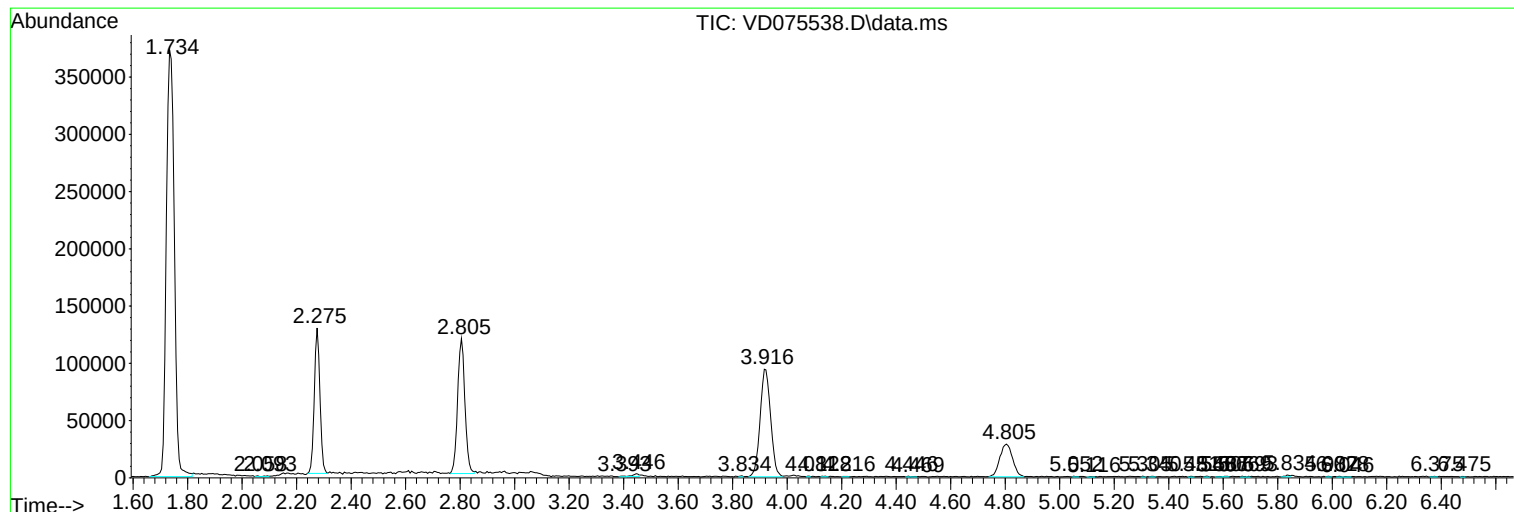
Sum of corrected areas: 6932279

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM030123SMA.M  
Quant Title : SFAM01.0

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



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TIC Library : C:\Database\NIST20.L  
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No Library Search Compounds Detected

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