

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD120423\  
 Data File : VD077736.D  
 Acq On : 04 Dec 2023 11:26  
 Operator : JC/SY  
 Sample : 04929-15  
 Misc : 3.07G/10ml/MSVOA\_D/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 C0B68

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\SFAMDLM112923SMA.M  
 Title : SFAM01.0

Signal : TIC: VD077736.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         | 1.693       | 13            | 18          | 21           | rBV      | 30624          | 49308         | 2.60%           | 0.388%        |
| 2         | 1.746       | 21            | 27          | 40           | rVB      | 1334767        | 1897887       | 100.00%         | 14.945%       |
| 3         | 2.281       | 113           | 118         | 126          | rVB      | 283030         | 415940        | 21.92%          | 3.275%        |
| 4         | 2.811       | 202           | 208         | 216          | rVB      | 211964         | 394554        | 20.79%          | 3.107%        |
| 5         | 3.170       | 268           | 269         | 271          | rBV      | 4300           | 2132          | 0.11%           | 0.017%        |
| 6         | 3.428       | 310           | 313         | 314          | rBV      | 2528           | 2519          | 0.13%           | 0.020%        |
| 7         | 3.517       | 327           | 328         | 329          | rBV      | 2793           | 1437          | 0.08%           | 0.011%        |
| 8         | 3.640       | 347           | 349         | 350          | rVB      | 2137           | 1188          | 0.06%           | 0.009%        |
| 9         | 3.658       | 350           | 352         | 353          | rBV      | 2492           | 1711          | 0.09%           | 0.013%        |
| 10        | 3.728       | 362           | 364         | 367          | rVB      | 3157           | 3332          | 0.18%           | 0.026%        |
| 11        | 3.758       | 367           | 369         | 370          | rBV2     | 2020           | 1589          | 0.08%           | 0.013%        |
| 12        | 3.799       | 375           | 376         | 379          | rBV3     | 1830           | 2037          | 0.11%           | 0.016%        |
| 13        | 3.922       | 389           | 397         | 408          | rVB      | 215749         | 566599        | 29.85%          | 4.462%        |
| 14        | 4.152       | 433           | 436         | 437          | rBV      | 2590           | 1835          | 0.10%           | 0.014%        |
| 15        | 4.305       | 460           | 462         | 463          | rBV      | 2194           | 1462          | 0.08%           | 0.012%        |
| 16        | 4.340       | 466           | 468         | 470          | rBV      | 1665           | 1428          | 0.08%           | 0.011%        |
| 17        | 4.434       | 483           | 484         | 486          | rBV      | 2601           | 1356          | 0.07%           | 0.011%        |
| 18        | 4.458       | 486           | 488         | 490          | rVV      | 3105           | 2890          | 0.15%           | 0.023%        |
| 19        | 4.558       | 503           | 505         | 506          | rBV      | 5499           | 4906          | 0.26%           | 0.039%        |
| 20        | 4.675       | 523           | 525         | 528          | rBV2     | 1278           | 1359          | 0.07%           | 0.011%        |
| 21        | 4.775       | 538           | 542         | 543          | rBV2     | 3155           | 4285          | 0.23%           | 0.034%        |
| 22        | 4.934       | 567           | 569         | 571          | rVB      | 2040           | 1318          | 0.07%           | 0.010%        |
| 23        | 4.969       | 573           | 575         | 577          | rBV2     | 2519           | 2136          | 0.11%           | 0.017%        |
| 24        | 4.987       | 577           | 578         | 579          | rBV      | 3355           | 1681          | 0.09%           | 0.013%        |
| 25        | 5.034       | 584           | 586         | 588          | rBV      | 1871           | 1519          | 0.08%           | 0.012%        |
| 26        | 5.058       | 588           | 590         | 593          | rBV2     | 3224           | 4008          | 0.21%           | 0.032%        |
| 27        | 5.099       | 593           | 597         | 599          | rVB2     | 2422           | 2750          | 0.14%           | 0.022%        |
| 28        | 5.116       | 599           | 600         | 602          | rBV      | 2478           | 1338          | 0.07%           | 0.011%        |
| 29        | 5.140       | 602           | 604         | 606          | rBV      | 1445           | 1743          | 0.09%           | 0.014%        |
| 30        | 5.175       | 608           | 610         | 612          | rBV      | 2300           | 2089          | 0.11%           | 0.016%        |
| 31        | 5.205       | 614           | 615         | 616          | rBV      | 2221           | 1241          | 0.07%           | 0.010%        |
| 32        | 5.246       | 620           | 622         | 624          | rBV2     | 1368           | 1298          | 0.07%           | 0.010%        |
| 33        | 5.305       | 629           | 632         | 633          | rBV      | 1607           | 1436          | 0.08%           | 0.011%        |
| 34        | 5.322       | 633           | 635         | 636          | rVB      | 2718           | 1504          | 0.08%           | 0.012%        |
| 35        | 5.346       | 638           | 639         | 642          | rVB      | 3472           | 2588          | 0.14%           | 0.020%        |
| 36        | 5.393       | 642           | 647         | 650          | rBV      | 3555           | 6156          | 0.32%           | 0.048%        |

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

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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\_D\Method\SFAMDLM112923SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |        |         |        |         |
|----|--------|------|------|------|------|--------|---------|--------|---------|
| 37 | 5.446  | 652  | 656  | 659  | rBV  | 2042   | 3530    | 0.19%  | 0.028%  |
| 38 | 5.528  | 668  | 670  | 671  | rVB  | 2299   | 1560    | 0.08%  | 0.012%  |
| 39 | 5.540  | 671  | 672  | 673  | rBV  | 2941   | 1358    | 0.07%  | 0.011%  |
| 40 | 5.646  | 688  | 690  | 691  | rBV  | 2090   | 1329    | 0.07%  | 0.010%  |
| 41 | 5.722  | 701  | 703  | 704  | rVB  | 2877   | 1652    | 0.09%  | 0.013%  |
| 42 | 5.746  | 704  | 707  | 709  | rBV  | 2498   | 2131    | 0.11%  | 0.017%  |
| 43 | 5.775  | 711  | 712  | 719  | rVB  | 3539   | 4212    | 0.22%  | 0.033%  |
| 44 | 5.828  | 719  | 721  | 722  | rBV  | 2122   | 1400    | 0.07%  | 0.011%  |
| 45 | 5.852  | 722  | 725  | 727  | rBV2 | 2900   | 3081    | 0.16%  | 0.024%  |
| 46 | 5.928  | 737  | 738  | 740  | rBV  | 1689   | 1244    | 0.07%  | 0.010%  |
| 47 | 5.952  | 740  | 742  | 745  | rVV2 | 2582   | 2702    | 0.14%  | 0.021%  |
| 48 | 6.028  | 753  | 755  | 757  | rBV2 | 1538   | 1180    | 0.06%  | 0.009%  |
| 49 | 6.075  | 760  | 763  | 764  | rVB  | 2624   | 1821    | 0.10%  | 0.014%  |
| 50 | 6.152  | 774  | 776  | 778  | rBV  | 2382   | 1784    | 0.09%  | 0.014%  |
| 51 | 6.211  | 784  | 786  | 787  | rBV  | 1722   | 1134    | 0.06%  | 0.009%  |
| 52 | 6.346  | 808  | 809  | 811  | rBV2 | 2449   | 1745    | 0.09%  | 0.014%  |
| 53 | 6.416  | 818  | 821  | 822  | rBV3 | 1607   | 1428    | 0.08%  | 0.011%  |
| 54 | 6.463  | 827  | 829  | 832  | rBV2 | 2091   | 2488    | 0.13%  | 0.020%  |
| 55 | 6.505  | 834  | 836  | 837  | rBV  | 2218   | 1283    | 0.07%  | 0.010%  |
| 56 | 6.634  | 856  | 858  | 860  | rBV  | 2442   | 2931    | 0.15%  | 0.023%  |
| 57 | 6.669  | 862  | 864  | 865  | rBV  | 1784   | 1346    | 0.07%  | 0.011%  |
| 58 | 6.805  | 885  | 887  | 891  | rVB  | 3137   | 2567    | 0.14%  | 0.020%  |
| 59 | 6.858  | 895  | 896  | 899  | rVB  | 3695   | 2215    | 0.12%  | 0.017%  |
| 60 | 6.993  | 908  | 919  | 929  | rBV2 | 44172  | 134483  | 7.09%  | 1.059%  |
| 61 | 7.387  | 984  | 986  | 987  | rBV  | 2311   | 1903    | 0.10%  | 0.015%  |
| 62 | 7.575  | 1009 | 1018 | 1029 | rVB  | 263832 | 666544  | 35.12% | 5.249%  |
| 63 | 7.816  | 1057 | 1059 | 1061 | rVB  | 3565   | 1819    | 0.10%  | 0.014%  |
| 64 | 7.958  | 1081 | 1083 | 1086 | rVB  | 4292   | 3777    | 0.20%  | 0.030%  |
| 65 | 7.999  | 1088 | 1090 | 1091 | rVB  | 2681   | 1390    | 0.07%  | 0.011%  |
| 66 | 8.063  | 1099 | 1101 | 1103 | rBV  | 1855   | 1602    | 0.08%  | 0.013%  |
| 67 | 8.116  | 1108 | 1110 | 1112 | rBV3 | 2417   | 2249    | 0.12%  | 0.018%  |
| 68 | 8.210  | 1115 | 1126 | 1140 | rBV2 | 552632 | 1639049 | 86.36% | 12.907% |
| 69 | 8.781  | 1215 | 1223 | 1234 | rBV  | 530847 | 1050986 | 55.38% | 8.276%  |
| 70 | 9.010  | 1260 | 1262 | 1264 | rBV2 | 2915   | 1970    | 0.10%  | 0.016%  |
| 71 | 9.216  | 1289 | 1297 | 1310 | rVB  | 361510 | 738403  | 38.91% | 5.815%  |
| 72 | 9.416  | 1329 | 1331 | 1334 | rBV  | 2854   | 3483    | 0.18%  | 0.027%  |
| 73 | 9.622  | 1365 | 1366 | 1370 | rVB  | 5054   | 4749    | 0.25%  | 0.037%  |
| 74 | 9.657  | 1370 | 1372 | 1376 | rBV  | 4139   | 6122    | 0.32%  | 0.048%  |
| 75 | 9.981  | 1420 | 1427 | 1436 | rBV  | 214120 | 387951  | 20.44% | 3.055%  |
| 76 | 10.157 | 1455 | 1457 | 1458 | rVB  | 4144   | 2310    | 0.12%  | 0.018%  |

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Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 C0B68

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\SFAMDLM112923SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |        |         |        |        |
|-----|--------|------|------|------|------|--------|---------|--------|--------|
| 77  | 10.269 | 1469 | 1476 | 1486 | rBV  | 696686 | 1268195 | 66.82% | 9.987% |
| 78  | 10.528 | 1514 | 1520 | 1527 | rBV  | 140645 | 234674  | 12.37% | 1.848% |
| 79  | 10.663 | 1538 | 1543 | 1550 | rBV3 | 28133  | 56899   | 3.00%  | 0.448% |
| 80  | 10.716 | 1550 | 1552 | 1553 | rBV  | 3415   | 2502    | 0.13%  | 0.020% |
| 81  | 10.881 | 1574 | 1580 | 1593 | rVB  | 196351 | 344414  | 18.15% | 2.712% |
| 82  | 11.022 | 1602 | 1604 | 1607 | rBV3 | 3526   | 3770    | 0.20%  | 0.030% |
| 83  | 11.322 | 1653 | 1655 | 1656 | rVB  | 2385   | 1217    | 0.06%  | 0.010% |
| 84  | 11.587 | 1692 | 1700 | 1709 | rBV  | 617867 | 1085306 | 57.18% | 8.547% |
| 85  | 11.757 | 1727 | 1729 | 1732 | rVB  | 3875   | 3775    | 0.20%  | 0.030% |
| 86  | 11.787 | 1732 | 1734 | 1735 | rBV  | 2857   | 1705    | 0.09%  | 0.013% |
| 87  | 12.093 | 1784 | 1786 | 1787 | rBV  | 3461   | 2813    | 0.15%  | 0.022% |
| 88  | 12.581 | 1864 | 1869 | 1874 | rVB3 | 27980  | 46441   | 2.45%  | 0.366% |
| 89  | 12.651 | 1875 | 1881 | 1891 | rVB  | 232929 | 393115  | 20.71% | 3.096% |
| 90  | 12.993 | 1938 | 1939 | 1940 | rBV  | 3663   | 1791    | 0.09%  | 0.014% |
| 91  | 13.416 | 2010 | 2011 | 2012 | rBV  | 3150   | 1510    | 0.08%  | 0.012% |
| 92  | 13.522 | 2022 | 2029 | 2037 | rBV  | 369844 | 610924  | 32.19% | 4.811% |
| 93  | 13.616 | 2044 | 2045 | 2047 | rBV  | 3796   | 2350    | 0.12%  | 0.019% |
| 94  | 13.657 | 2049 | 2052 | 2056 | rBV  | 3413   | 4037    | 0.21%  | 0.032% |
| 95  | 13.816 | 2073 | 2079 | 2086 | rBV  | 304186 | 506337  | 26.68% | 3.987% |
| 96  | 14.051 | 2115 | 2119 | 2125 | rVB2 | 20295  | 28646   | 1.51%  | 0.226% |
| 97  | 15.992 | 2447 | 2449 | 2450 | rBV  | 3092   | 1836    | 0.10%  | 0.014% |
| 98  | 16.098 | 2465 | 2467 | 2468 | rBV2 | 2803   | 1502    | 0.08%  | 0.012% |
| 99  | 16.510 | 2535 | 2537 | 2538 | rBV  | 3317   | 1774    | 0.09%  | 0.014% |
| 100 | 16.581 | 2548 | 2549 | 2552 | rBV  | 5474   | 5828    | 0.31%  | 0.046% |

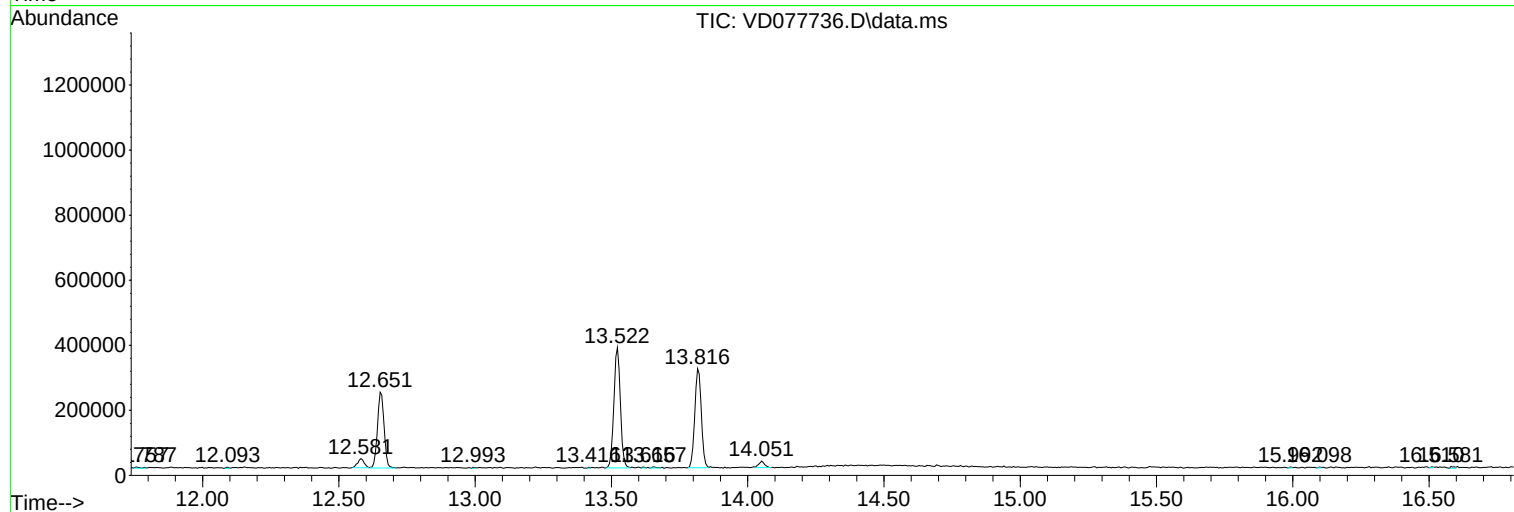
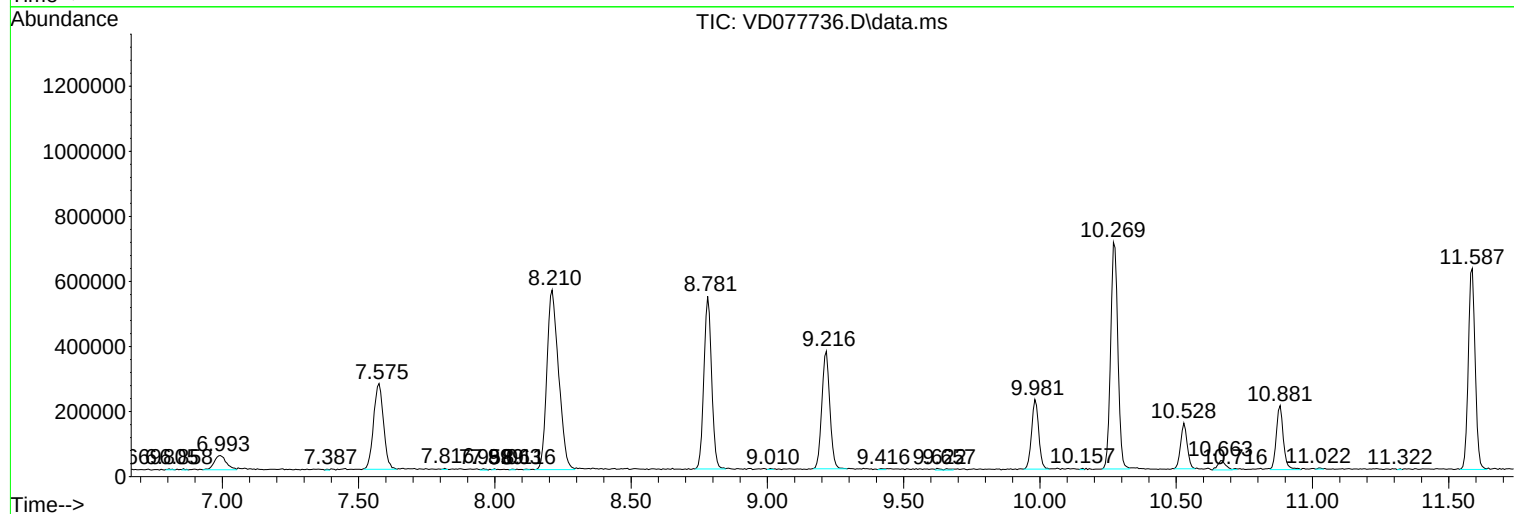
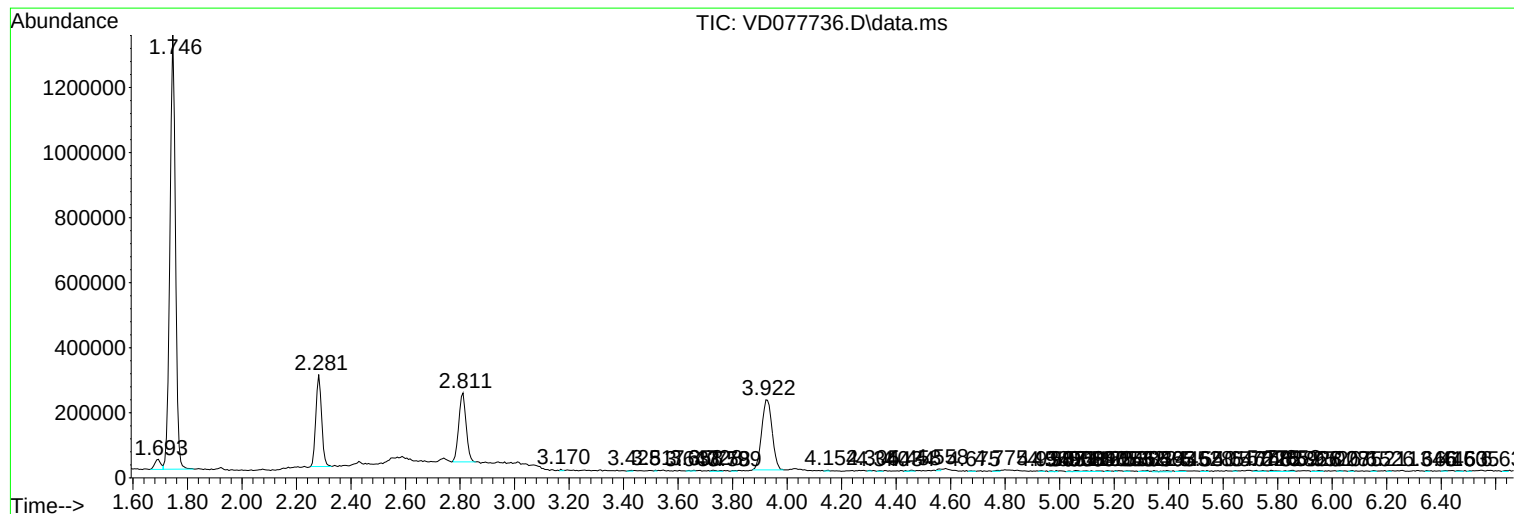
Sum of corrected areas: 12698831

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM112923SMA.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  
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected

\*\*\*\*\*

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Quant Title : SFAM01.0

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TIC Integration Parameters: LSCINT.P

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