

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD062823\  
 Data File : VD076611.D  
 Acq On : 28 Jun 2023 12:39  
 Operator : KP/SY  
 Sample : 03422-07  
 Misc : 5.00G/10.0ml/MSVOA\_D/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 A4653

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\SFAMDLM061523SMA.M  
 Title : SFAM01.0

Signal : TIC: VD076611.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         | 1.687       | 14            | 17          | 18           | rBV      | 4320           | 3516          | 0.23%           | 0.033%        |
| 2         | 1.734       | 18            | 25          | 38           | rVB      | 399569         | 794555        | 52.04%          | 7.488%        |
| 3         | 2.070       | 80            | 82          | 87           | rBV3     | 1691           | 1572          | 0.10%           | 0.015%        |
| 4         | 2.140       | 91            | 94          | 95           | rBV      | 2214           | 2161          | 0.14%           | 0.020%        |
| 5         | 2.270       | 110           | 116         | 123          | rVB      | 140859         | 207913        | 13.62%          | 1.959%        |
| 6         | 2.481       | 150           | 152         | 154          | rBV2     | 4538           | 4470          | 0.29%           | 0.042%        |
| 7         | 2.558       | 163           | 165         | 166          | rBV2     | 4551           | 3193          | 0.21%           | 0.030%        |
| 8         | 2.793       | 199           | 205         | 214          | rVB      | 100144         | 189425        | 12.41%          | 1.785%        |
| 9         | 3.346       | 297           | 299         | 302          | rBV      | 998            | 1095          | 0.07%           | 0.010%        |
| 10        | 3.446       | 315           | 316         | 319          | rBV2     | 1218           | 1026          | 0.07%           | 0.010%        |
| 11        | 3.517       | 326           | 328         | 333          | rVB      | 1112           | 1370          | 0.09%           | 0.013%        |
| 12        | 3.834       | 380           | 382         | 383          | rVB      | 1695           | 1003          | 0.07%           | 0.009%        |
| 13        | 3.911       | 383           | 395         | 406          | rBV2     | 123734         | 329687        | 21.59%          | 3.107%        |
| 14        | 4.016       | 407           | 413         | 423          | rVB      | 20814          | 54696         | 3.58%           | 0.515%        |
| 15        | 4.216       | 443           | 447         | 450          | rBV2     | 805            | 1121          | 0.07%           | 0.011%        |
| 16        | 4.246       | 450           | 452         | 454          | rBV      | 859            | 989           | 0.06%           | 0.009%        |
| 17        | 4.534       | 499           | 501         | 504          | rVB      | 2021           | 1010          | 0.07%           | 0.010%        |
| 18        | 4.793       | 532           | 545         | 560          | rVV3     | 98592          | 320191        | 20.97%          | 3.018%        |
| 19        | 4.969       | 573           | 575         | 578          | rVB2     | 1766           | 1557          | 0.10%           | 0.015%        |
| 20        | 5.069       | 590           | 592         | 596          | rVB2     | 1114           | 1422          | 0.09%           | 0.013%        |
| 21        | 5.134       | 601           | 603         | 606          | rBV2     | 1126           | 1184          | 0.08%           | 0.011%        |
| 22        | 5.311       | 630           | 633         | 635          | rVB2     | 1226           | 1098          | 0.07%           | 0.010%        |
| 23        | 5.616       | 681           | 685         | 687          | rBV3     | 1284           | 1496          | 0.10%           | 0.014%        |
| 24        | 5.834       | 715           | 722         | 724          | rBV3     | 6552           | 12615         | 0.83%           | 0.119%        |
| 25        | 6.110       | 756           | 769         | 780          | rVV3     | 65343          | 207807        | 13.61%          | 1.958%        |
| 26        | 6.234       | 788           | 790         | 793          | rVB3     | 1709           | 1596          | 0.10%           | 0.015%        |
| 27        | 6.322       | 803           | 805         | 807          | rBV      | 1348           | 1370          | 0.09%           | 0.013%        |
| 28        | 6.463       | 826           | 829         | 830          | rBV2     | 1228           | 1173          | 0.08%           | 0.011%        |
| 29        | 6.540       | 841           | 842         | 846          | rBV2     | 1220           | 1051          | 0.07%           | 0.010%        |
| 30        | 6.687       | 863           | 867         | 868          | rVV      | 779            | 1045          | 0.07%           | 0.010%        |
| 31        | 6.746       | 876           | 877         | 880          | rVV2     | 1350           | 1004          | 0.07%           | 0.009%        |
| 32        | 6.781       | 880           | 883         | 886          | rVV2     | 1061           | 1290          | 0.08%           | 0.012%        |
| 33        | 6.840       | 891           | 893         | 895          | rVV      | 1290           | 1120          | 0.07%           | 0.011%        |
| 34        | 6.993       | 908           | 919         | 924          | rBV2     | 26615          | 72705         | 4.76%           | 0.685%        |
| 35        | 7.205       | 954           | 955         | 958          | rBV      | 1400           | 1050          | 0.07%           | 0.010%        |
| 36        | 7.269       | 964           | 966         | 969          | rVB2     | 1501           | 1584          | 0.10%           | 0.015%        |

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Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM061523SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |        |         |         |         |
|----|--------|------|------|------|------|--------|---------|---------|---------|
| 37 | 7.410  | 989  | 990  | 996  | rVB2 | 1359   | 1312    | 0.09%   | 0.012%  |
| 38 | 7.569  | 1003 | 1017 | 1031 | rBV2 | 138808 | 357980  | 23.45%  | 3.374%  |
| 39 | 7.663  | 1031 | 1033 | 1034 | rBV2 | 1152   | 1054    | 0.07%   | 0.010%  |
| 40 | 7.940  | 1077 | 1080 | 1081 | rBV2 | 1747   | 1523    | 0.10%   | 0.014%  |
| 41 | 7.957  | 1081 | 1083 | 1086 | rVV3 | 1596   | 1584    | 0.10%   | 0.015%  |
| 42 | 8.199  | 1114 | 1124 | 1138 | rBV2 | 303361 | 909622  | 59.58%  | 8.573%  |
| 43 | 8.469  | 1166 | 1170 | 1173 | rVB  | 909    | 1022    | 0.07%   | 0.010%  |
| 44 | 8.699  | 1207 | 1209 | 1211 | rVB  | 1485   | 1047    | 0.07%   | 0.010%  |
| 45 | 8.775  | 1214 | 1222 | 1231 | rBV  | 271566 | 530760  | 34.76%  | 5.002%  |
| 46 | 9.028  | 1258 | 1265 | 1276 | rVB2 | 82559  | 172988  | 11.33%  | 1.630%  |
| 47 | 9.210  | 1287 | 1296 | 1304 | rBV  | 192835 | 406328  | 26.61%  | 3.829%  |
| 48 | 9.363  | 1321 | 1322 | 1325 | rVB2 | 1728   | 1187    | 0.08%   | 0.011%  |
| 49 | 9.493  | 1343 | 1344 | 1347 | rBV  | 1576   | 1330    | 0.09%   | 0.013%  |
| 50 | 9.775  | 1390 | 1392 | 1394 | rBV  | 1425   | 1093    | 0.07%   | 0.010%  |
| 51 | 9.828  | 1397 | 1401 | 1403 | rBV2 | 1428   | 1951    | 0.13%   | 0.018%  |
| 52 | 9.981  | 1416 | 1427 | 1435 | rBV  | 113127 | 216384  | 14.17%  | 2.039%  |
| 53 | 10.151 | 1453 | 1456 | 1460 | rBV2 | 2231   | 3031    | 0.20%   | 0.029%  |
| 54 | 10.269 | 1468 | 1476 | 1482 | rVV  | 411258 | 745624  | 48.84%  | 7.027%  |
| 55 | 10.334 | 1482 | 1487 | 1498 | rVB  | 158383 | 276581  | 18.12%  | 2.607%  |
| 56 | 10.463 | 1506 | 1509 | 1512 | rBV2 | 1064   | 1233    | 0.08%   | 0.012%  |
| 57 | 10.528 | 1512 | 1520 | 1527 | rBV2 | 70360  | 130592  | 8.55%   | 1.231%  |
| 58 | 10.663 | 1534 | 1543 | 1551 | rBV  | 53205  | 100319  | 6.57%   | 0.945%  |
| 59 | 10.804 | 1564 | 1567 | 1571 | rVB3 | 1833   | 2505    | 0.16%   | 0.024%  |
| 60 | 10.881 | 1573 | 1580 | 1589 | rVB  | 84666  | 149172  | 9.77%   | 1.406%  |
| 61 | 10.951 | 1589 | 1592 | 1595 | rVB2 | 1665   | 1272    | 0.08%   | 0.012%  |
| 62 | 10.998 | 1598 | 1600 | 1601 | rBV2 | 1133   | 1106    | 0.07%   | 0.010%  |
| 63 | 11.028 | 1601 | 1605 | 1613 | rVB  | 25238  | 44184   | 2.89%   | 0.416%  |
| 64 | 11.134 | 1619 | 1623 | 1625 | rBV3 | 3059   | 3863    | 0.25%   | 0.036%  |
| 65 | 11.357 | 1656 | 1661 | 1663 | rBV4 | 2113   | 2669    | 0.17%   | 0.025%  |
| 66 | 11.398 | 1665 | 1668 | 1676 | rVB4 | 11693  | 19424   | 1.27%   | 0.183%  |
| 67 | 11.581 | 1691 | 1699 | 1710 | rVV  | 368042 | 623081  | 40.81%  | 5.872%  |
| 68 | 11.681 | 1710 | 1716 | 1726 | rVV  | 385619 | 636701  | 41.70%  | 6.000%  |
| 69 | 11.787 | 1726 | 1734 | 1744 | rVB  | 975836 | 1526717 | 100.00% | 14.388% |
| 70 | 12.057 | 1776 | 1780 | 1782 | rBV  | 812    | 1249    | 0.08%   | 0.012%  |
| 71 | 12.122 | 1788 | 1791 | 1794 | rBV3 | 2983   | 4074    | 0.27%   | 0.038%  |
| 72 | 12.193 | 1801 | 1803 | 1807 | rVB  | 1033   | 1038    | 0.07%   | 0.010%  |
| 73 | 12.269 | 1814 | 1816 | 1819 | rBV2 | 2092   | 2131    | 0.14%   | 0.020%  |
| 74 | 12.469 | 1847 | 1850 | 1851 | rBV2 | 937    | 1027    | 0.07%   | 0.010%  |
| 75 | 12.575 | 1863 | 1868 | 1874 | rBV3 | 24319  | 39141   | 2.56%   | 0.369%  |
| 76 | 12.651 | 1874 | 1881 | 1888 | rVB  | 140516 | 248376  | 16.27%  | 2.341%  |

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Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 A4653

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\SFAMDLM061523SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 77  | 12.728 | 1891 | 1894 | 1896 | rBV2 | 1742   | 1936   | 0.13%  | 0.018% |
| 78  | 12.787 | 1902 | 1904 | 1907 | rVB  | 1462   | 1237   | 0.08%  | 0.012% |
| 79  | 12.822 | 1907 | 1910 | 1912 | rBV4 | 1479   | 1612   | 0.11%  | 0.015% |
| 80  | 12.904 | 1921 | 1924 | 1927 | rVB2 | 4159   | 4734   | 0.31%  | 0.045% |
| 81  | 13.122 | 1958 | 1961 | 1962 | rBV2 | 1350   | 1537   | 0.10%  | 0.014% |
| 82  | 13.269 | 1982 | 1986 | 1992 | rVB3 | 4159   | 5480   | 0.36%  | 0.052% |
| 83  | 13.434 | 2009 | 2014 | 2017 | rBV4 | 2423   | 4467   | 0.29%  | 0.042% |
| 84  | 13.516 | 2021 | 2028 | 2036 | rVV  | 356108 | 583407 | 38.21% | 5.498% |
| 85  | 13.734 | 2063 | 2065 | 2068 | rBV3 | 1353   | 1622   | 0.11%  | 0.015% |
| 86  | 13.816 | 2072 | 2079 | 2086 | rVV  | 336106 | 547250 | 35.84% | 5.157% |
| 87  | 13.916 | 2093 | 2096 | 2098 | rBV4 | 1832   | 2448   | 0.16%  | 0.023% |
| 88  | 14.045 | 2114 | 2118 | 2122 | rVB3 | 9552   | 13952  | 0.91%  | 0.131% |
| 89  | 14.616 | 2213 | 2215 | 2218 | rBV2 | 1995   | 2131   | 0.14%  | 0.020% |
| 90  | 15.069 | 2291 | 2292 | 2295 | rBV  | 2008   | 1337   | 0.09%  | 0.013% |
| 91  | 15.181 | 2307 | 2311 | 2314 | rBV3 | 1337   | 2093   | 0.14%  | 0.020% |
| 92  | 15.257 | 2322 | 2324 | 2326 | rVB  | 2358   | 1685   | 0.11%  | 0.016% |
| 93  | 15.286 | 2326 | 2329 | 2330 | rBV3 | 1395   | 1268   | 0.08%  | 0.012% |
| 94  | 15.410 | 2346 | 2350 | 2355 | rVB3 | 12831  | 19763  | 1.29%  | 0.186% |
| 95  | 15.557 | 2373 | 2375 | 2376 | rBV  | 1895   | 1170   | 0.08%  | 0.011% |
| 96  | 16.316 | 2502 | 2504 | 2508 | rBV  | 1886   | 2038   | 0.13%  | 0.019% |
| 97  | 16.392 | 2515 | 2517 | 2519 | rBV2 | 1857   | 1351   | 0.09%  | 0.013% |
| 98  | 16.492 | 2533 | 2534 | 2538 | rBV3 | 2121   | 2476   | 0.16%  | 0.023% |
| 99  | 16.698 | 2567 | 2569 | 2571 | rBV  | 1534   | 1251   | 0.08%  | 0.012% |
| 100 | 16.757 | 2578 | 2579 | 2582 | rVB2 | 1462   | 1242   | 0.08%  | 0.012% |

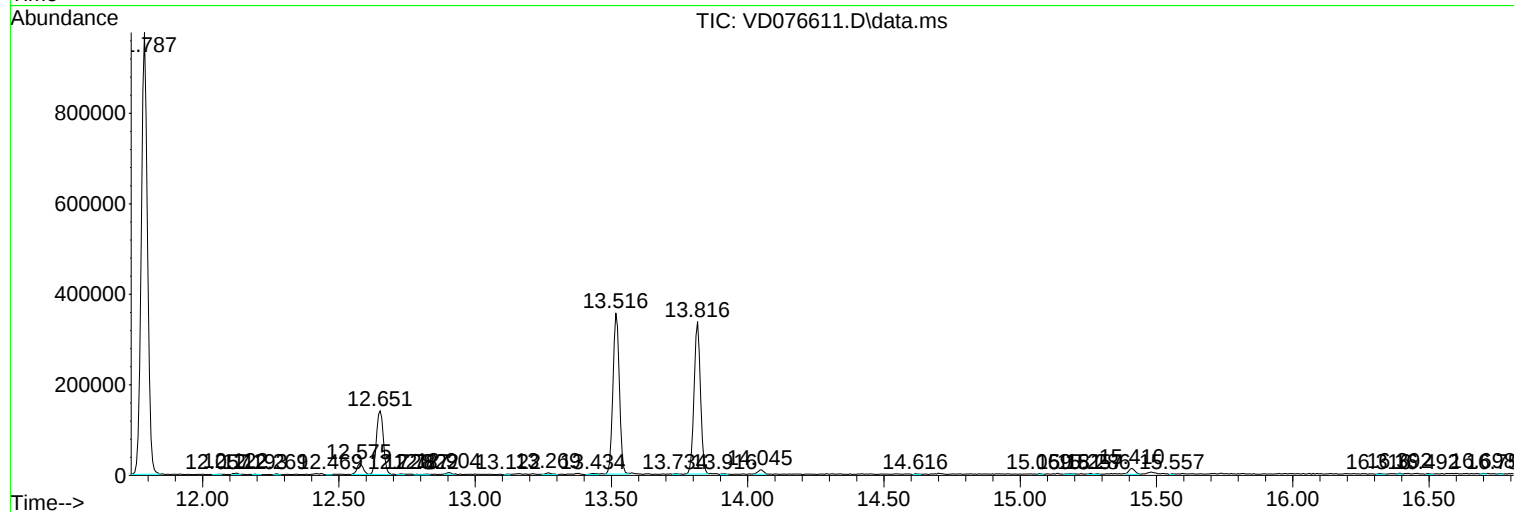
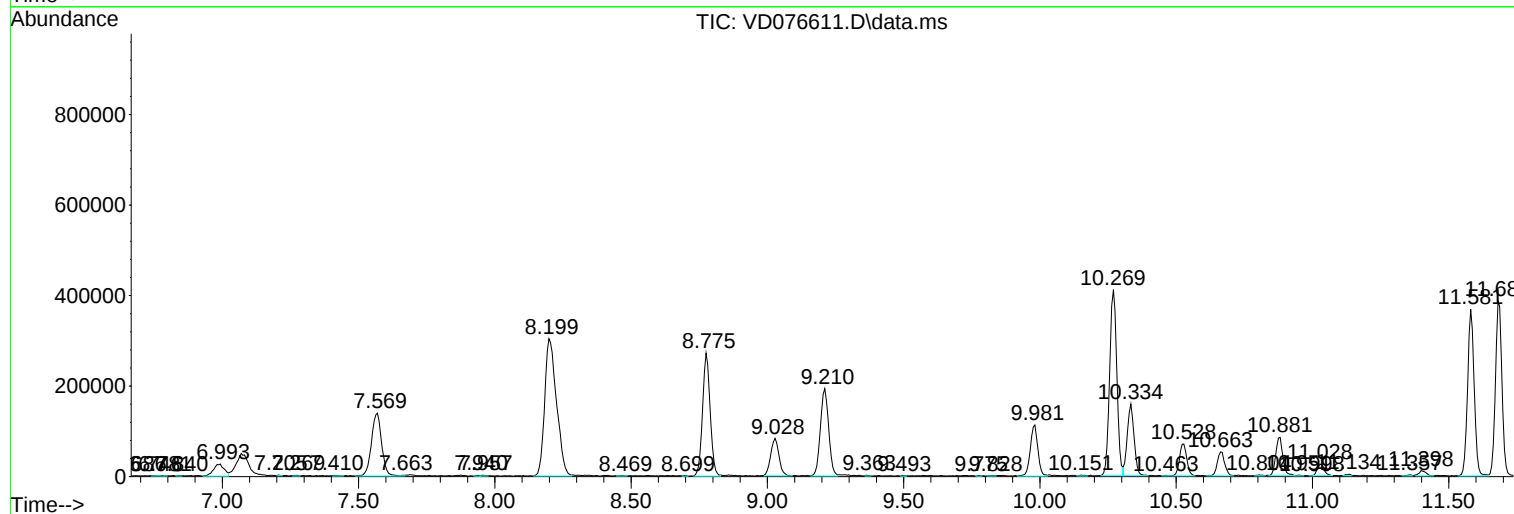
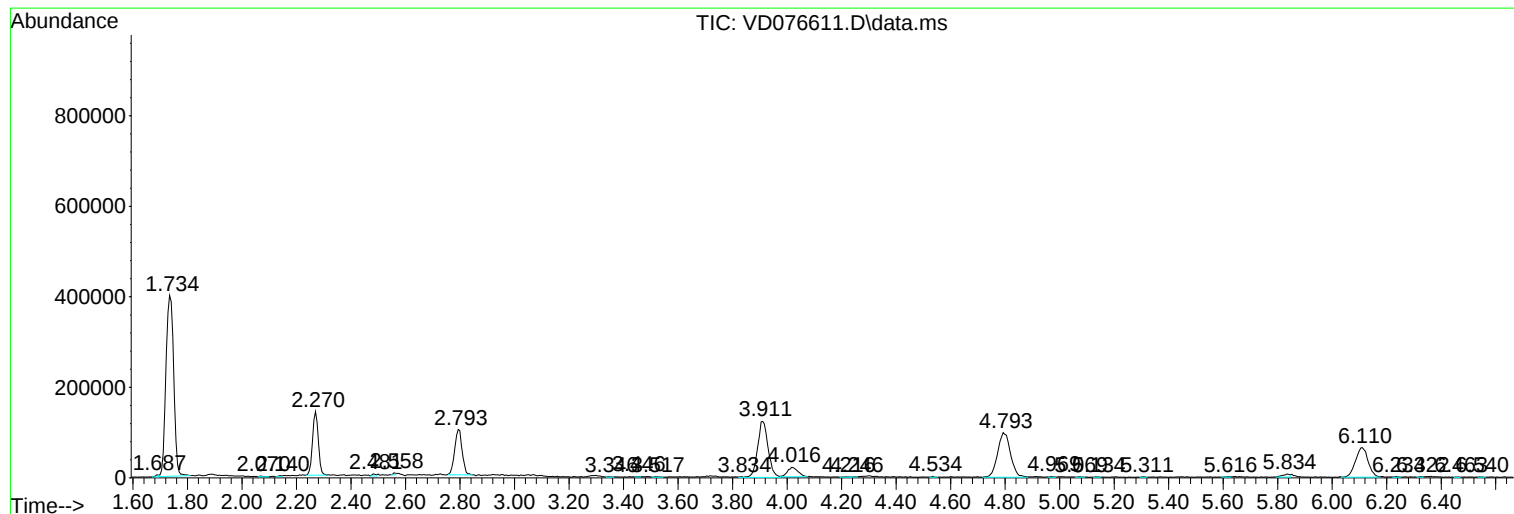
Sum of corrected areas: 10610922

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM061523SMA.M  
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD062823\  
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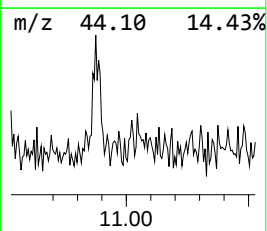
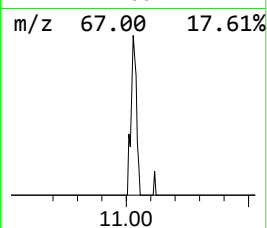
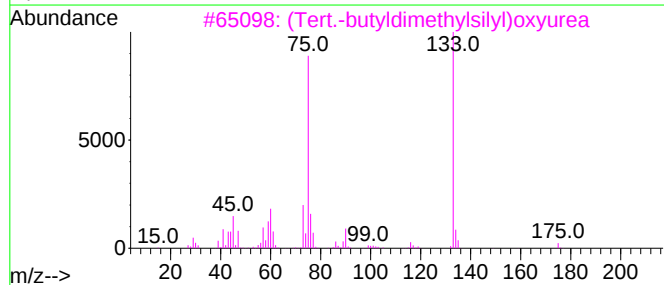
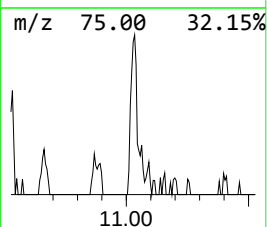
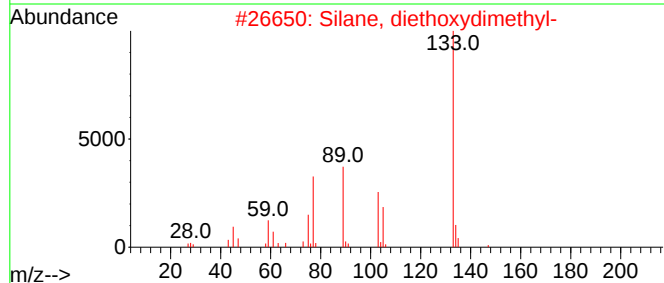
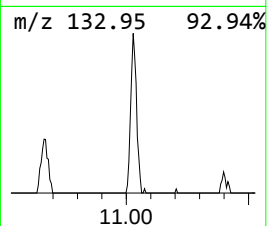
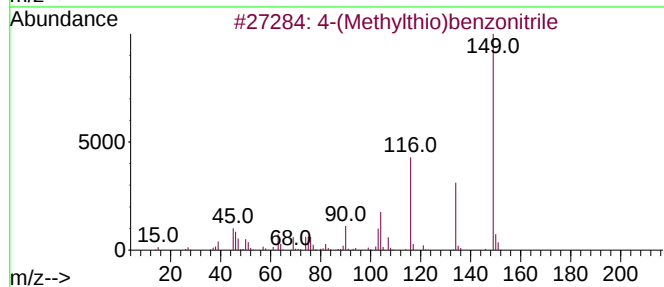
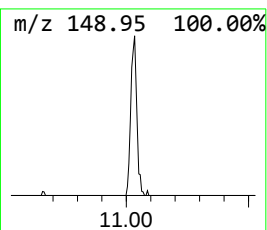
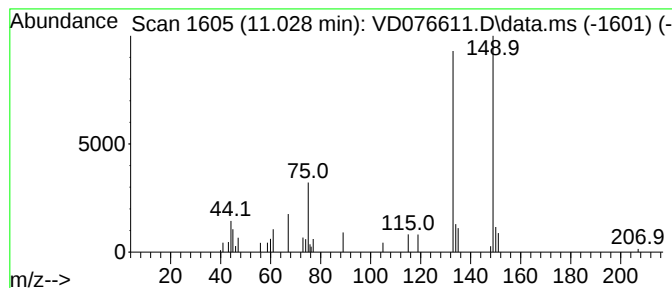
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM061523SMA.M  
Quant Title : SFAM01.0

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

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Peak Number 4 unknown-01 Concentration Rank 4

| R.T.   | EstConc   | Area  | Relative to ISTD | R.T.   |
|--------|-----------|-------|------------------|--------|
| 11.028 | 1.77 ug/L | 44184 | Chlorobenzene-d5 | 11.581 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | 4-(Methylthio)benzonitrile          | 149 | C8H7NS      | 021382-98-9  | 35   |
| 2    |    |   | Silane, diethoxydimethyl-           | 148 | C6H16O2Si   | 000078-62-6  | 32   |
| 3    |    |   | (Tert.-butyldimethylsilyl)oxyurea   | 190 | C7H18N2O2Si | 1000453-67-1 | 32   |
| 4    |    |   | 1,2,4-Triazole, 3,5-dithio-         | 133 | C2H3N3S2    | 005650-03-3  | 27   |
| 5    |    |   | Benzene, 1-isothiocyanato-4-methyl- | 149 | C8H7NS      | 000622-59-3  | 27   |



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Quant Title : SFAM01.0

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

| TIC Top Hit name | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                  |        |         |       |          | #                     | RT     | Resp   | Conc |
| unknown-01       | 11.028 | 1.8     | ug/L  | 44184    | 2                     | 11.581 | 623081 | 25.0 |