

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW052824\  
 Data File : VW028823.D  
 Acq On : 28 May 2024 11:55  
 Operator : SY/MD  
 Sample : P2549-17  
 Misc : 5.08g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VHBLK001

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\SFAMWLM050224SMA.M  
 Title : SFAM01.0

Signal : TIC: VW028823.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         | 2.363       | 72            | 78          | 91           | rVB      | 85568          | 186369        | 14.33%          | 2.097%        |
| 2         | 2.899       | 160           | 166         | 181          | rVB      | 55954          | 159154        | 12.24%          | 1.791%        |
| 3         | 3.320       | 233           | 235         | 237          | rVB3     | 1111           | 579           | 0.04%           | 0.007%        |
| 4         | 3.802       | 312           | 314         | 315          | rBV2     | 591            | 396           | 0.03%           | 0.004%        |
| 5         | 4.021       | 338           | 350         | 373          | rBV      | 141458         | 447656        | 34.43%          | 5.037%        |
| 6         | 4.295       | 394           | 395         | 398          | rVB2     | 756            | 530           | 0.04%           | 0.006%        |
| 7         | 4.326       | 398           | 400         | 402          | rBV2     | 918            | 869           | 0.07%           | 0.010%        |
| 8         | 4.679       | 457           | 458         | 463          | rVB4     | 576            | 596           | 0.05%           | 0.007%        |
| 9         | 4.923       | 488           | 498         | 521          | rVB      | 31484          | 117432        | 9.03%           | 1.321%        |
| 10        | 5.118       | 528           | 530         | 531          | rBV2     | 446            | 296           | 0.02%           | 0.003%        |
| 11        | 5.173       | 537           | 539         | 541          | rBV3     | 909            | 819           | 0.06%           | 0.009%        |
| 12        | 5.246       | 550           | 551         | 553          | rVB2     | 206            | 115           | 0.01%           | 0.001%        |
| 13        | 5.277       | 553           | 556         | 558          | rBV2     | 437            | 598           | 0.05%           | 0.007%        |
| 14        | 5.368       | 569           | 571         | 572          | rBV2     | 591            | 378           | 0.03%           | 0.004%        |
| 15        | 5.417       | 574           | 579         | 580          | rBV5     | 873            | 1384          | 0.11%           | 0.016%        |
| 16        | 5.600       | 607           | 609         | 612          | rBV4     | 618            | 795           | 0.06%           | 0.009%        |
| 17        | 5.685       | 622           | 623         | 625          | rBV      | 772            | 590           | 0.05%           | 0.007%        |
| 18        | 5.868       | 651           | 653         | 655          | rBV3     | 583            | 587           | 0.05%           | 0.007%        |
| 19        | 5.947       | 660           | 666         | 677          | rVB3     | 13791          | 38982         | 3.00%           | 0.439%        |
| 20        | 6.118       | 692           | 694         | 696          | rBV2     | 832            | 604           | 0.05%           | 0.007%        |
| 21        | 6.155       | 698           | 700         | 701          | rBV2     | 513            | 383           | 0.03%           | 0.004%        |
| 22        | 6.173       | 701           | 703         | 705          | rVV3     | 711            | 632           | 0.05%           | 0.007%        |
| 23        | 6.191       | 705           | 706         | 709          | rVV3     | 785            | 980           | 0.08%           | 0.011%        |
| 24        | 6.240       | 713           | 714         | 715          | rVV      | 575            | 267           | 0.02%           | 0.003%        |
| 25        | 6.271       | 718           | 719         | 720          | rBV      | 449            | 244           | 0.02%           | 0.003%        |
| 26        | 6.356       | 730           | 733         | 735          | rBV3     | 862            | 713           | 0.05%           | 0.008%        |
| 27        | 6.435       | 744           | 746         | 748          | rVB3     | 482            | 443           | 0.03%           | 0.005%        |
| 28        | 6.466       | 750           | 751         | 754          | rVV2     | 515            | 398           | 0.03%           | 0.004%        |
| 29        | 6.490       | 754           | 755         | 756          | rVV      | 377            | 203           | 0.02%           | 0.002%        |
| 30        | 6.514       | 757           | 759         | 762          | rVV3     | 810            | 941           | 0.07%           | 0.011%        |
| 31        | 6.563       | 765           | 767         | 770          | rVB3     | 624            | 735           | 0.06%           | 0.008%        |
| 32        | 6.606       | 773           | 774         | 775          | rBV      | 529            | 274           | 0.02%           | 0.003%        |
| 33        | 6.649       | 779           | 781         | 784          | rBV2     | 345            | 369           | 0.03%           | 0.004%        |
| 34        | 6.691       | 784           | 788         | 790          | rVB5     | 630            | 778           | 0.06%           | 0.009%        |
| 35        | 6.716       | 790           | 792         | 793          | rBV      | 353            | 369           | 0.03%           | 0.004%        |
| 36        | 6.746       | 795           | 797         | 799          | rVB2     | 430            | 267           | 0.02%           | 0.003%        |

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Peak separation: 5

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 Title : SFAM01.0

|    |        |      |      |      |      |        |         |         |         |
|----|--------|------|------|------|------|--------|---------|---------|---------|
| 37 | 6.771  | 799  | 801  | 803  | rVB2 | 588    | 525     | 0.04%   | 0.006%  |
| 38 | 6.807  | 803  | 807  | 809  | rBV5 | 414    | 399     | 0.03%   | 0.004%  |
| 39 | 6.825  | 809  | 810  | 813  | rBV2 | 324    | 278     | 0.02%   | 0.003%  |
| 40 | 6.850  | 813  | 814  | 816  | rBV2 | 666    | 414     | 0.03%   | 0.005%  |
| 41 | 6.868  | 816  | 817  | 818  | rBV  | 415    | 160     | 0.01%   | 0.002%  |
| 42 | 7.081  | 843  | 852  | 856  | rBV2 | 30460  | 87137   | 6.70%   | 0.981%  |
| 43 | 7.648  | 935  | 945  | 957  | rBV  | 217829 | 540095  | 41.54%  | 6.078%  |
| 44 | 8.148  | 1025 | 1027 | 1029 | rBV2 | 464    | 512     | 0.04%   | 0.006%  |
| 45 | 8.276  | 1036 | 1048 | 1065 | rBV2 | 446744 | 1300101 | 100.00% | 14.630% |
| 46 | 8.654  | 1108 | 1110 | 1113 | rBV4 | 725    | 721     | 0.06%   | 0.008%  |
| 47 | 8.776  | 1129 | 1130 | 1131 | rBV  | 430    | 279     | 0.02%   | 0.003%  |
| 48 | 8.843  | 1131 | 1141 | 1153 | rVV  | 353056 | 706213  | 54.32%  | 7.947%  |
| 49 | 9.203  | 1198 | 1200 | 1201 | rBV2 | 725    | 466     | 0.04%   | 0.005%  |
| 50 | 9.276  | 1203 | 1212 | 1221 | rBV  | 291837 | 596348  | 45.87%  | 6.711%  |
| 51 | 9.886  | 1305 | 1312 | 1319 | rBV9 | 1863   | 4606    | 0.35%   | 0.052%  |
| 52 | 10.032 | 1330 | 1336 | 1347 | rVB  | 143433 | 266344  | 20.49%  | 2.997%  |
| 53 | 10.325 | 1376 | 1384 | 1392 | rBV  | 584959 | 1066689 | 82.05%  | 12.003% |
| 54 | 10.575 | 1419 | 1425 | 1436 | rVB  | 91171  | 162182  | 12.47%  | 1.825%  |
| 55 | 10.703 | 1440 | 1446 | 1456 | rVB2 | 27666  | 53327   | 4.10%   | 0.600%  |
| 56 | 10.922 | 1476 | 1482 | 1498 | rBV  | 117516 | 205356  | 15.80%  | 2.311%  |
| 57 | 11.062 | 1501 | 1505 | 1513 | rVB2 | 10117  | 18601   | 1.43%   | 0.209%  |
| 58 | 11.227 | 1531 | 1532 | 1535 | rVB3 | 811    | 723     | 0.06%   | 0.008%  |
| 59 | 11.318 | 1546 | 1547 | 1549 | rBV2 | 434    | 364     | 0.03%   | 0.004%  |
| 60 | 11.398 | 1557 | 1560 | 1562 | rBV3 | 1626   | 2246    | 0.17%   | 0.025%  |
| 61 | 11.483 | 1572 | 1574 | 1575 | rBV2 | 584    | 331     | 0.03%   | 0.004%  |
| 62 | 11.544 | 1582 | 1584 | 1585 | rBV2 | 737    | 660     | 0.05%   | 0.007%  |
| 63 | 11.629 | 1589 | 1598 | 1607 | rBV  | 504072 | 839970  | 64.61%  | 9.452%  |
| 64 | 11.928 | 1645 | 1647 | 1648 | rBV2 | 466    | 261     | 0.02%   | 0.003%  |
| 65 | 11.965 | 1651 | 1653 | 1655 | rVV3 | 652    | 429     | 0.03%   | 0.005%  |
| 66 | 12.166 | 1680 | 1686 | 1695 | rBV7 | 2877   | 8416    | 0.65%   | 0.095%  |
| 67 | 12.263 | 1699 | 1702 | 1704 | rBV4 | 833    | 840     | 0.06%   | 0.009%  |
| 68 | 12.349 | 1710 | 1716 | 1720 | rBV6 | 861    | 1867    | 0.14%   | 0.021%  |
| 69 | 12.459 | 1729 | 1734 | 1740 | rBV7 | 3164   | 6847    | 0.53%   | 0.077%  |
| 70 | 12.605 | 1748 | 1758 | 1764 | rBV  | 26138  | 46146   | 3.55%   | 0.519%  |
| 71 | 12.690 | 1764 | 1772 | 1780 | rBV  | 201839 | 335330  | 25.79%  | 3.773%  |
| 72 | 12.830 | 1792 | 1795 | 1796 | rBV2 | 608    | 666     | 0.05%   | 0.007%  |
| 73 | 12.934 | 1805 | 1812 | 1818 | rBV8 | 4971   | 9337    | 0.72%   | 0.105%  |
| 74 | 13.032 | 1820 | 1828 | 1829 | rBV7 | 1039   | 2108    | 0.16%   | 0.024%  |
| 75 | 13.288 | 1867 | 1870 | 1878 | rVB5 | 5097   | 8163    | 0.63%   | 0.092%  |
| 76 | 13.349 | 1878 | 1880 | 1882 | rBV3 | 424    | 390     | 0.03%   | 0.004%  |

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Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VHBLK001

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\SFAMWLM050224SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 77 | 13.397 | 1885 | 1888 | 1896 | rVB8 | 1263   | 2719   | 0.21%  | 0.031% |
| 78 | 13.556 | 1907 | 1914 | 1926 | rVB  | 478512 | 774857 | 59.60% | 8.719% |
| 79 | 13.849 | 1955 | 1962 | 1972 | rBV  | 488096 | 810808 | 62.37% | 9.124% |
| 80 | 14.062 | 1992 | 1997 | 2003 | rVB2 | 15544  | 25635  | 1.97%  | 0.288% |
|    |        |      |      |      |      |        |        |        |        |
| 81 | 14.294 | 2033 | 2035 | 2036 | rBV2 | 944    | 685    | 0.05%  | 0.008% |
| 82 | 14.397 | 2051 | 2052 | 2054 | rVB2 | 1057   | 641    | 0.05%  | 0.007% |
| 83 | 14.452 | 2059 | 2061 | 2062 | rBV2 | 629    | 285    | 0.02%  | 0.003% |
| 84 | 14.543 | 2075 | 2076 | 2078 | rBV2 | 704    | 517    | 0.04%  | 0.006% |
| 85 | 14.629 | 2084 | 2090 | 2093 | rBV6 | 2723   | 4679   | 0.36%  | 0.053% |
|    |        |      |      |      |      |        |        |        |        |
| 86 | 15.232 | 2188 | 2189 | 2194 | rVB5 | 763    | 763    | 0.06%  | 0.009% |
| 87 | 15.275 | 2194 | 2196 | 2198 | rBV3 | 730    | 634    | 0.05%  | 0.007% |
| 88 | 15.360 | 2205 | 2210 | 2215 | rBV7 | 1637   | 3758   | 0.29%  | 0.042% |
| 89 | 15.421 | 2217 | 2220 | 2225 | rVV3 | 5384   | 9187   | 0.71%  | 0.103% |
| 90 | 15.543 | 2237 | 2240 | 2246 | rVB7 | 2720   | 4646   | 0.36%  | 0.052% |
|    |        |      |      |      |      |        |        |        |        |
| 91 | 15.671 | 2257 | 2261 | 2264 | rBV6 | 1213   | 1676   | 0.13%  | 0.019% |
| 92 | 15.940 | 2303 | 2305 | 2311 | rVB6 | 982    | 1511   | 0.12%  | 0.017% |
| 93 | 15.982 | 2311 | 2312 | 2313 | rBV  | 755    | 337    | 0.03%  | 0.004% |
| 94 | 16.531 | 2400 | 2402 | 2404 | rBV3 | 983    | 867    | 0.07%  | 0.010% |

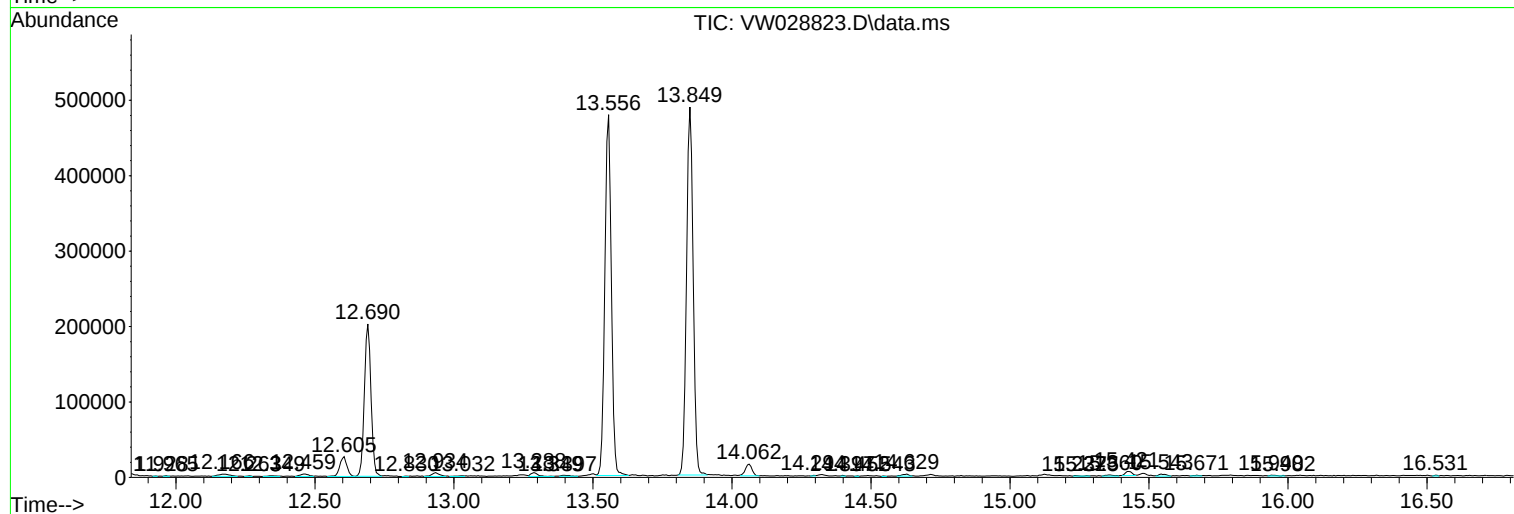
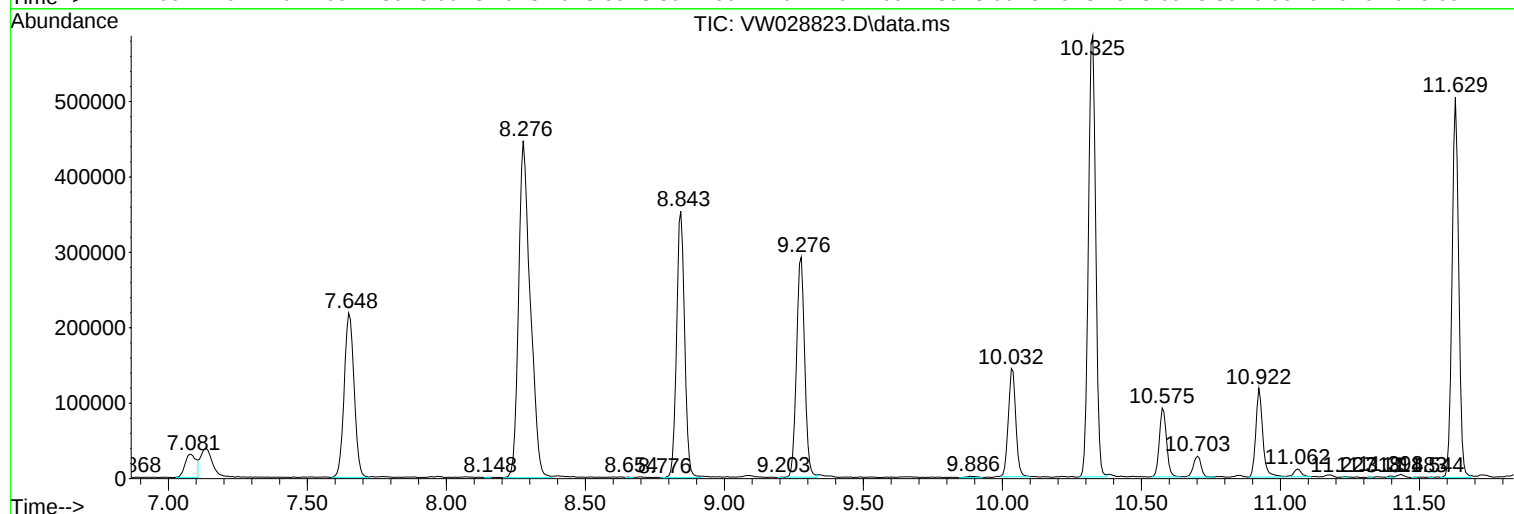
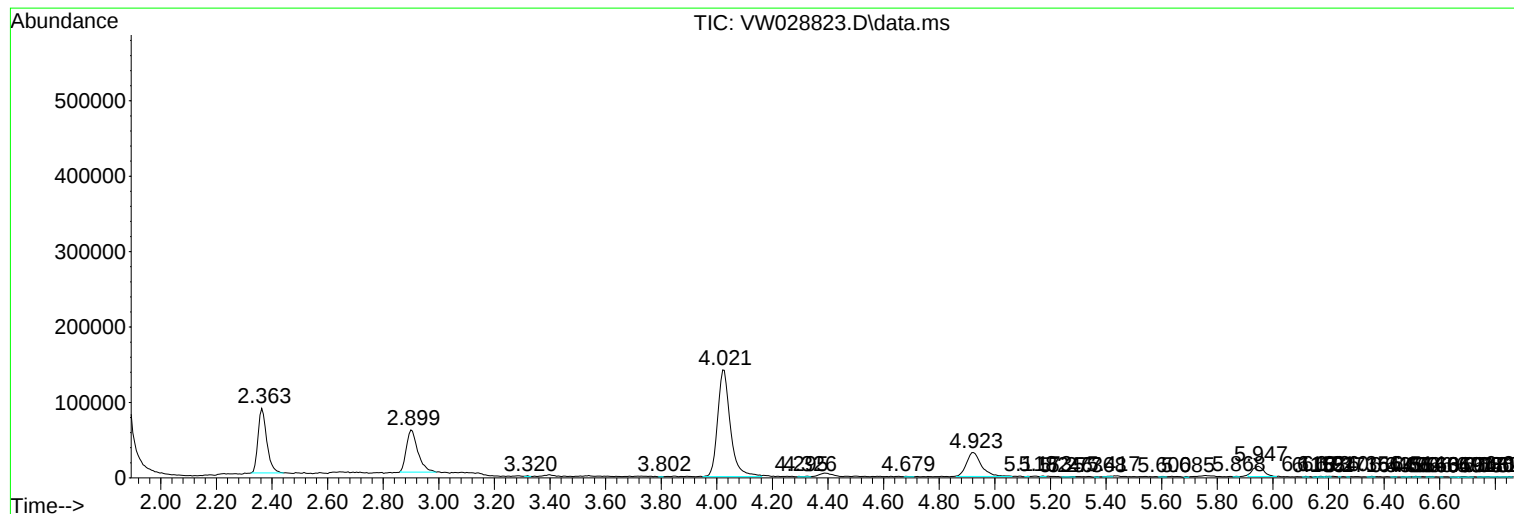
Sum of corrected areas: 8886777

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050224SMA.M  
Quant Title : SFAM01.0

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



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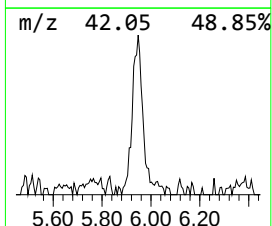
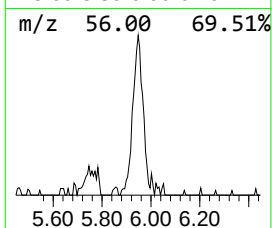
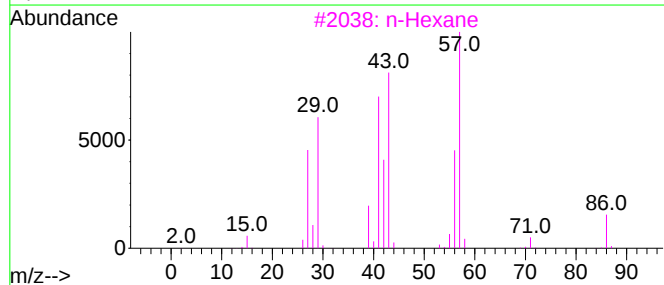
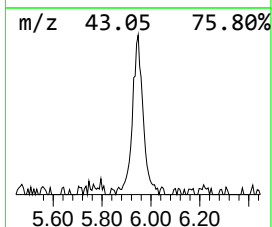
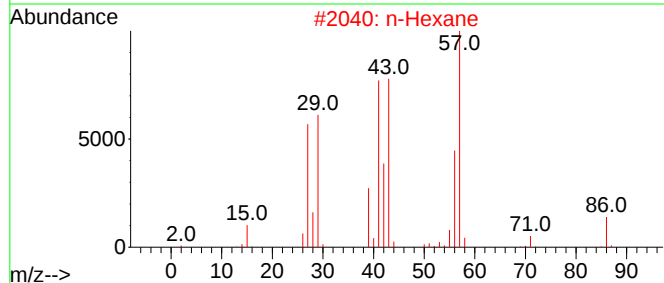
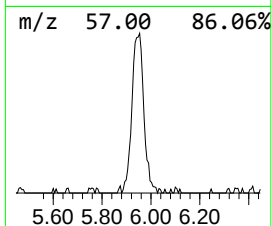
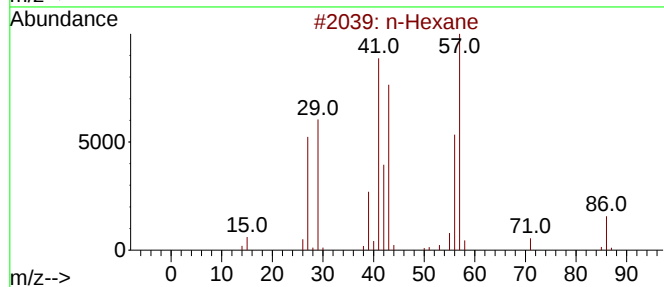
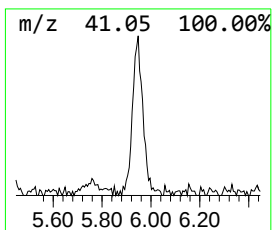
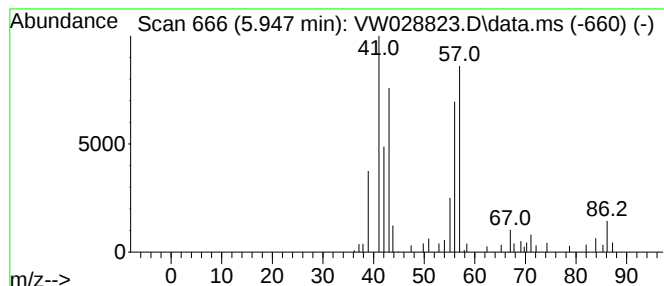
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050224SMA.M  
Quant Title : SFAM01.0

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

\*\*\*\*\*  
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 5.947 | 1.38 ug/L | 38982 | 1,4-Difluorobenzene | 8.843 |

| Hit# | of                                  | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|-------------------------------------|---|--------------|-----|---------|-------------|------|
| 1    | n-Hexane                            |   |              | 86  | C6H14   | 000110-54-3 | 64   |
| 2    | n-Hexane                            |   |              | 86  | C6H14   | 000110-54-3 | 64   |
| 3    | n-Hexane                            |   |              | 86  | C6H14   | 000110-54-3 | 59   |
| 4    | .alpha.-Amino-.gamma.-butyrolactone |   |              | 101 | C4H7NO2 | 001192-20-7 | 47   |
| 5    | 1-Pentene, 4-methyl-                |   |              | 84  | C6H12   | 000691-37-2 | 40   |



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| TIC Top Hit name   | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|--------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                    |       |         |       |          | #                     | RT    | Resp   | Conc |
| (DEL) Alkane: S... | 5.947 | 1.4     | ug/L  | 38982    | 1                     | 8.843 | 706213 | 25.0 |