

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW052424\  
 Data File : VW028753.D  
 Acq On : 24 May 2024 23:24  
 Operator : SY/MD  
 Sample : P2571-15  
 Misc : 4.84g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BH669

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: VW028753.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       | 73            | 78          | 93           | rVB      | 74287          | 179871        | 11.52%          | 1.903%        |
| 2         | 2.899       | 159           | 166         | 182          | rVB      | 65931          | 192127        | 12.30%          | 2.033%        |
| 3         | 3.338       | 237           | 238         | 241          | rBV3     | 745            | 665           | 0.04%           | 0.007%        |
| 4         | 3.515       | 265           | 267         | 268          | rBV2     | 963            | 452           | 0.03%           | 0.005%        |
| 5         | 3.838       | 319           | 320         | 322          | rBV2     | 558            | 448           | 0.03%           | 0.005%        |
| 6         | 3.899       | 328           | 330         | 331          | rVB2     | 709            | 403           | 0.03%           | 0.004%        |
| 7         | 4.021       | 340           | 350         | 373          | rBV      | 139621         | 477121        | 30.55%          | 5.048%        |
| 8         | 4.216       | 380           | 382         | 385          | rBV4     | 1233           | 894           | 0.06%           | 0.009%        |
| 9         | 4.320       | 398           | 399         | 402          | rBV2     | 614            | 653           | 0.04%           | 0.007%        |
| 10        | 4.557       | 436           | 438         | 440          | rBV2     | 320            | 189           | 0.01%           | 0.002%        |
| 11        | 4.740       | 466           | 468         | 469          | rBV2     | 714            | 402           | 0.03%           | 0.004%        |
| 12        | 4.795       | 475           | 477         | 478          | rBV2     | 784            | 786           | 0.05%           | 0.008%        |
| 13        | 4.923       | 489           | 498         | 513          | rVB2     | 20198          | 73642         | 4.72%           | 0.779%        |
| 14        | 5.198       | 541           | 543         | 546          | rVB4     | 712            | 623           | 0.04%           | 0.007%        |
| 15        | 5.252       | 550           | 552         | 553          | rBV2     | 467            | 371           | 0.02%           | 0.004%        |
| 16        | 5.411       | 577           | 578         | 582          | rBV3     | 647            | 981           | 0.06%           | 0.010%        |
| 17        | 5.539       | 597           | 599         | 600          | rVB      | 531            | 251           | 0.02%           | 0.003%        |
| 18        | 5.588       | 606           | 607         | 608          | rBV      | 366            | 167           | 0.01%           | 0.002%        |
| 19        | 5.661       | 618           | 619         | 622          | rBV2     | 407            | 235           | 0.02%           | 0.002%        |
| 20        | 5.716       | 625           | 628         | 630          | rBV2     | 790            | 791           | 0.05%           | 0.008%        |
| 21        | 5.758       | 632           | 635         | 637          | rVV3     | 698            | 801           | 0.05%           | 0.008%        |
| 22        | 5.947       | 654           | 666         | 675          | rBV3     | 15797          | 51690         | 3.31%           | 0.547%        |
| 23        | 6.075       | 685           | 687         | 690          | rVB4     | 596            | 602           | 0.04%           | 0.006%        |
| 24        | 6.191       | 704           | 706         | 710          | rVV4     | 479            | 487           | 0.03%           | 0.005%        |
| 25        | 6.246       | 713           | 715         | 717          | rVB2     | 378            | 285           | 0.02%           | 0.003%        |
| 26        | 6.362       | 733           | 734         | 739          | rBV2     | 510            | 672           | 0.04%           | 0.007%        |
| 27        | 6.478       | 752           | 753         | 755          | rVB2     | 640            | 304           | 0.02%           | 0.003%        |
| 28        | 6.502       | 755           | 757         | 758          | rBV      | 638            | 436           | 0.03%           | 0.005%        |
| 29        | 6.551       | 764           | 765         | 766          | rBV      | 521            | 258           | 0.02%           | 0.003%        |
| 30        | 6.636       | 776           | 779         | 780          | rBV3     | 387            | 341           | 0.02%           | 0.004%        |
| 31        | 6.709       | 789           | 791         | 792          | rBV      | 527            | 287           | 0.02%           | 0.003%        |
| 32        | 6.728       | 792           | 794         | 797          | rBV3     | 572            | 686           | 0.04%           | 0.007%        |
| 33        | 6.844       | 811           | 813         | 814          | rBV      | 520            | 553           | 0.04%           | 0.006%        |
| 34        | 6.880       | 817           | 819         | 820          | rVV2     | 816            | 517           | 0.03%           | 0.005%        |
| 35        | 6.923       | 824           | 826         | 829          | rVB3     | 676            | 754           | 0.05%           | 0.008%        |
| 36        | 7.075       | 843           | 851         | 856          | rBV      | 43388          | 118458        | 7.58%           | 1.253%        |

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Peak Location: TOP

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Peak separation: 5

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

|    |        |      |      |      |      |        |         |         |         |
|----|--------|------|------|------|------|--------|---------|---------|---------|
| 37 | 7.648  | 935  | 945  | 956  | rBV  | 285281 | 695065  | 44.50%  | 7.353%  |
| 38 | 7.892  | 983  | 985  | 986  | rBV2 | 505    | 302     | 0.02%   | 0.003%  |
| 39 | 8.051  | 1009 | 1011 | 1012 | rBV2 | 531    | 429     | 0.03%   | 0.005%  |
| 40 | 8.069  | 1012 | 1014 | 1017 | rVV4 | 1413   | 1129    | 0.07%   | 0.012%  |
| 41 | 8.118  | 1019 | 1022 | 1024 | rVV3 | 664    | 896     | 0.06%   | 0.009%  |
| 42 | 8.173  | 1030 | 1031 | 1032 | rBV  | 518    | 270     | 0.02%   | 0.003%  |
| 43 | 8.276  | 1038 | 1048 | 1062 | rBV2 | 524131 | 1561770 | 100.00% | 16.523% |
| 44 | 8.612  | 1100 | 1103 | 1105 | rBV3 | 944    | 1140    | 0.07%   | 0.012%  |
| 45 | 8.843  | 1132 | 1141 | 1155 | rBV  | 508112 | 1003594 | 64.26%  | 10.618% |
| 46 | 9.270  | 1202 | 1211 | 1222 | rBV  | 387544 | 801192  | 51.30%  | 8.476%  |
| 47 | 9.965  | 1321 | 1325 | 1326 | rBV4 | 920    | 1135    | 0.07%   | 0.012%  |
| 48 | 10.032 | 1330 | 1336 | 1350 | rVB  | 136615 | 255667  | 16.37%  | 2.705%  |
| 49 | 10.325 | 1375 | 1384 | 1392 | rBV  | 612123 | 1105461 | 70.78%  | 11.695% |
| 50 | 10.575 | 1419 | 1425 | 1437 | rVB  | 83566  | 146350  | 9.37%   | 1.548%  |
| 51 | 10.697 | 1441 | 1445 | 1452 | rVB2 | 8067   | 15662   | 1.00%   | 0.166%  |
| 52 | 10.837 | 1466 | 1468 | 1475 | rVB7 | 1346   | 2414    | 0.15%   | 0.026%  |
| 53 | 10.922 | 1475 | 1482 | 1497 | rBV  | 134621 | 258742  | 16.57%  | 2.737%  |
| 54 | 11.379 | 1556 | 1557 | 1559 | rVB2 | 859    | 361     | 0.02%   | 0.004%  |
| 55 | 11.434 | 1559 | 1566 | 1570 | rBV7 | 3251   | 6169    | 0.40%   | 0.065%  |
| 56 | 11.629 | 1591 | 1598 | 1610 | rBV  | 561947 | 933729  | 59.79%  | 9.878%  |
| 57 | 11.782 | 1622 | 1623 | 1628 | rVB5 | 756    | 833     | 0.05%   | 0.009%  |
| 58 | 12.093 | 1673 | 1674 | 1676 | rBV2 | 682    | 445     | 0.03%   | 0.005%  |
| 59 | 12.123 | 1677 | 1679 | 1682 | rBV5 | 625    | 576     | 0.04%   | 0.006%  |
| 60 | 12.148 | 1682 | 1683 | 1684 | rBV  | 410    | 254     | 0.02%   | 0.003%  |
| 61 | 12.166 | 1684 | 1686 | 1687 | rBV2 | 821    | 486     | 0.03%   | 0.005%  |
| 62 | 12.233 | 1693 | 1697 | 1698 | rBV2 | 470    | 499     | 0.03%   | 0.005%  |
| 63 | 12.257 | 1699 | 1701 | 1703 | rVB  | 538    | 364     | 0.02%   | 0.004%  |
| 64 | 12.349 | 1714 | 1716 | 1717 | rBV2 | 402    | 363     | 0.02%   | 0.004%  |
| 65 | 12.446 | 1730 | 1732 | 1733 | rBV2 | 404    | 249     | 0.02%   | 0.003%  |
| 66 | 12.458 | 1733 | 1734 | 1743 | rVB7 | 1271   | 2000    | 0.13%   | 0.021%  |
| 67 | 12.532 | 1743 | 1746 | 1747 | rBV2 | 478    | 385     | 0.02%   | 0.004%  |
| 68 | 12.599 | 1750 | 1757 | 1763 | rBV  | 17301  | 29581   | 1.89%   | 0.313%  |
| 69 | 12.690 | 1764 | 1772 | 1780 | rBV  | 267914 | 445827  | 28.55%  | 4.717%  |
| 70 | 12.818 | 1791 | 1793 | 1796 | rBV2 | 328    | 349     | 0.02%   | 0.004%  |
| 71 | 12.849 | 1796 | 1798 | 1800 | rVB3 | 345    | 206     | 0.01%   | 0.002%  |
| 72 | 12.873 | 1800 | 1802 | 1804 | rBV2 | 662    | 650     | 0.04%   | 0.007%  |
| 73 | 12.934 | 1808 | 1812 | 1822 | rVB9 | 2156   | 5143    | 0.33%   | 0.054%  |
| 74 | 13.019 | 1822 | 1826 | 1827 | rBV3 | 475    | 690     | 0.04%   | 0.007%  |
| 75 | 13.086 | 1834 | 1837 | 1838 | rBV2 | 791    | 797     | 0.05%   | 0.008%  |
| 76 | 13.111 | 1838 | 1841 | 1842 | rVV3 | 732    | 739     | 0.05%   | 0.008%  |

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Sample : P2571-15  
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ALS Vial : 32 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
BH669

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 | 13.160 | 1846 | 1849 | 1850 | rBV2 | 621    | 703    | 0.05%  | 0.007% |
| 78 | 13.190 | 1850 | 1854 | 1858 | rVV5 | 1918   | 2874   | 0.18%  | 0.030% |
| 79 | 13.294 | 1866 | 1871 | 1875 | rVB4 | 4534   | 7580   | 0.49%  | 0.080% |
| 80 | 13.361 | 1878 | 1882 | 1883 | rBV3 | 699    | 696    | 0.04%  | 0.007% |
| 81 | 13.403 | 1885 | 1889 | 1895 | rVB6 | 3160   | 5553   | 0.36%  | 0.059% |
| 82 | 13.458 | 1895 | 1898 | 1899 | rBV2 | 1486   | 1498   | 0.10%  | 0.016% |
| 83 | 13.556 | 1907 | 1914 | 1927 | rBV  | 309840 | 497990 | 31.89% | 5.268% |
| 84 | 13.848 | 1955 | 1962 | 1974 | rBV  | 305453 | 503567 | 32.24% | 5.327% |
| 85 | 14.013 | 1987 | 1989 | 1991 | rBV3 | 773    | 651    | 0.04%  | 0.007% |
| 86 | 14.062 | 1991 | 1997 | 2007 | rVB  | 9966   | 18747  | 1.20%  | 0.198% |
| 87 | 14.495 | 2067 | 2068 | 2069 | rBV  | 776    | 411    | 0.03%  | 0.004% |
| 88 | 14.775 | 2112 | 2114 | 2118 | rVB3 | 757    | 645    | 0.04%  | 0.007% |
| 89 | 14.909 | 2132 | 2136 | 2138 | rBV5 | 811    | 1291   | 0.08%  | 0.014% |
| 90 | 14.982 | 2147 | 2148 | 2150 | rBV2 | 435    | 356    | 0.02%  | 0.004% |
| 91 | 15.007 | 2150 | 2152 | 2153 | rBV2 | 423    | 375    | 0.02%  | 0.004% |
| 92 | 15.098 | 2165 | 2167 | 2169 | rBV3 | 833    | 681    | 0.04%  | 0.007% |
| 93 | 15.190 | 2181 | 2182 | 2185 | rBV2 | 504    | 669    | 0.04%  | 0.007% |
| 94 | 15.269 | 2191 | 2195 | 2198 | rBV4 | 634    | 934    | 0.06%  | 0.010% |
| 95 | 15.336 | 2204 | 2206 | 2207 | rBV2 | 687    | 373    | 0.02%  | 0.004% |
| 96 | 15.427 | 2217 | 2221 | 2226 | rVB2 | 9053   | 14301  | 0.92%  | 0.151% |
| 97 | 15.580 | 2245 | 2246 | 2248 | rVB  | 1002   | 477    | 0.03%  | 0.005% |
| 98 | 16.019 | 2316 | 2318 | 2321 | rBV3 | 725    | 941    | 0.06%  | 0.010% |
| 99 | 16.318 | 2364 | 2367 | 2368 | rBV3 | 805    | 830    | 0.05%  | 0.009% |

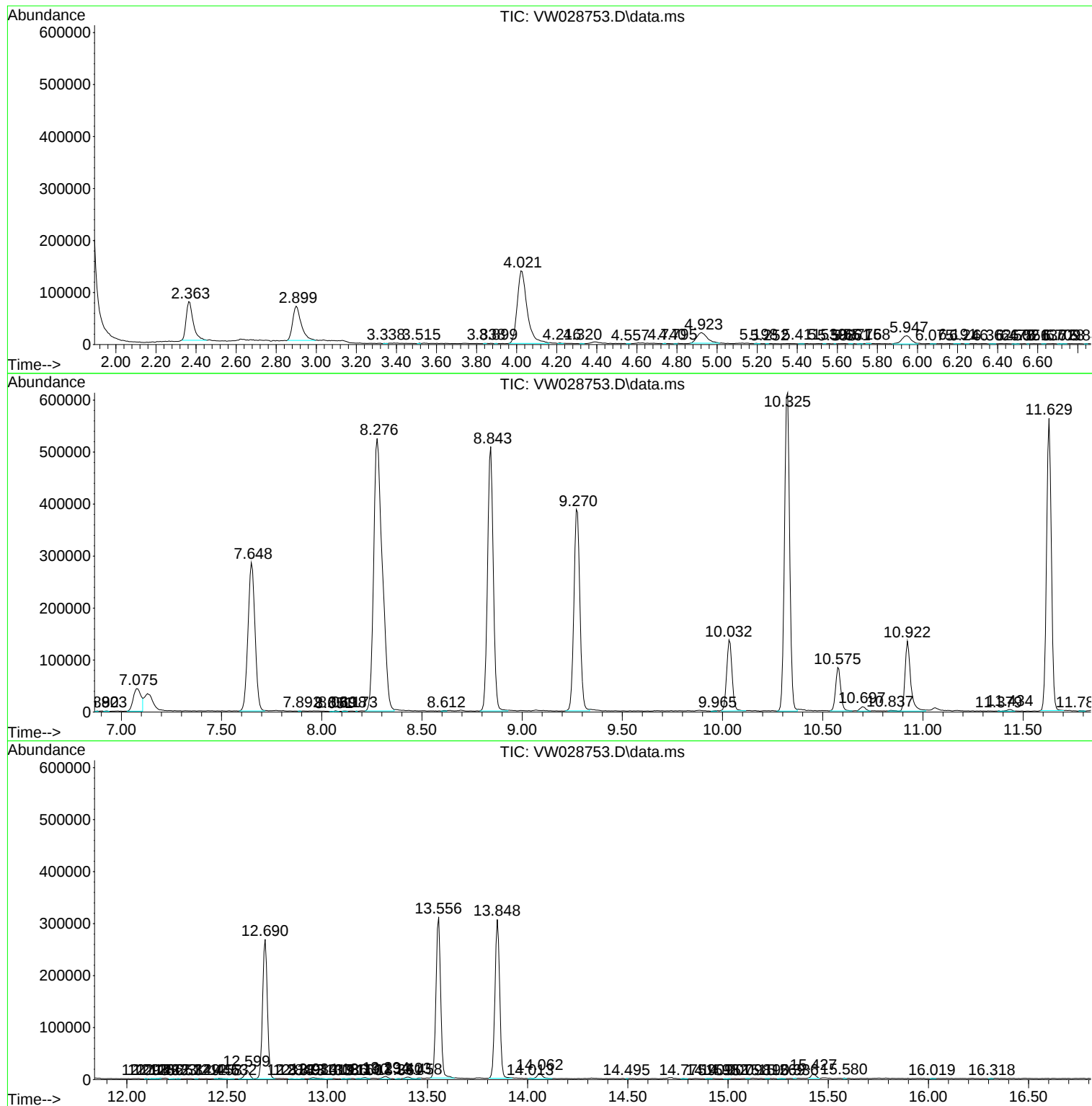
Sum of corrected areas: 9452259

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ALS Vial : 32 Sample Multiplier: 1

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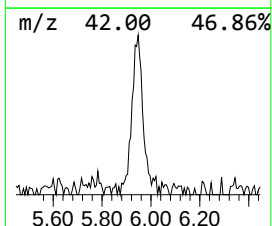
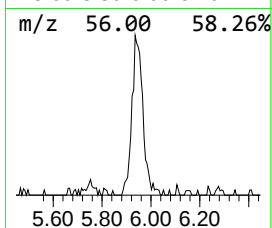
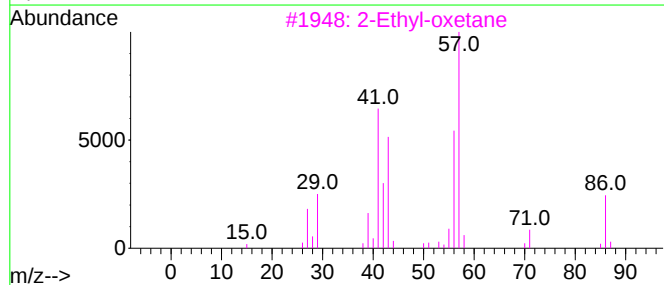
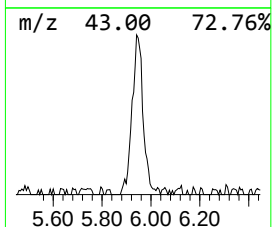
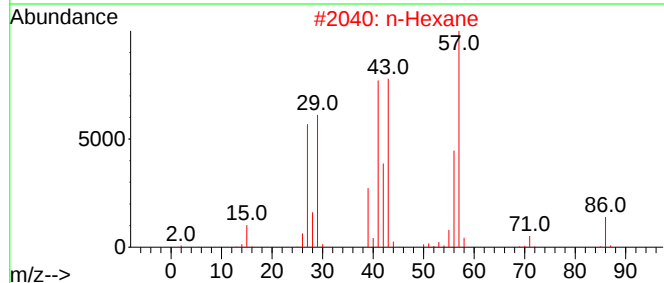
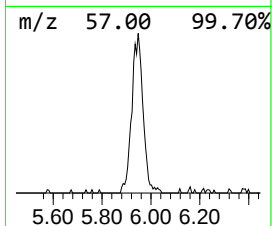
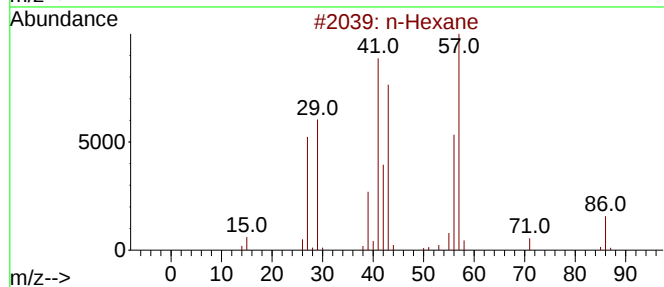
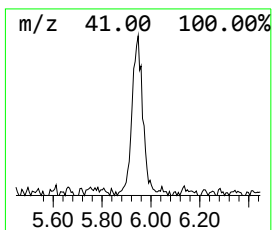
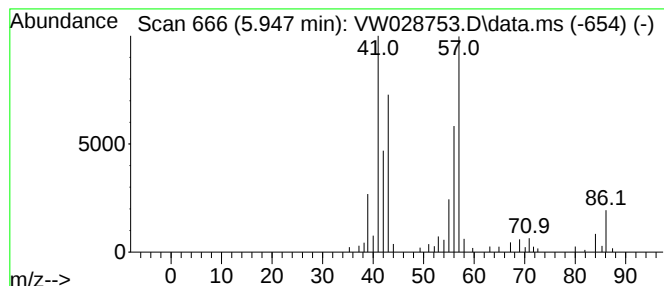
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 5.947 | 1.29 ug/L | 51690 | 1,4-Difluorobenzene | 8.843 |

| Hit# | of 5 | Tentative ID    | MW | MolForm | CAS#         | Qual |
|------|------|-----------------|----|---------|--------------|------|
| 1    |      | n-Hexane        | 86 | C6H14   | 000110-54-3  | 90   |
| 2    |      | n-Hexane        | 86 | C6H14   | 000110-54-3  | 80   |
| 3    |      | 2-Ethyl-oxetane | 86 | C5H10O  | 1010386-40-2 | 72   |
| 4    |      | n-Hexane        | 86 | C6H14   | 000110-54-3  | 72   |
| 5    |      | n-Hexane        | 86 | C6H14   | 000110-54-3  | 52   |



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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 | --Internal Standard-- |       |         |      |
|--------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                    |       |         |       |          | #                     | RT    | Resp    | Conc |
| (DEL) Alkane: S... | 5.947 | 1.3     | ug/L  | 51690    | 1                     | 8.843 | 1003590 | 25.0 |