

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW061024\  
 Data File : VW029076.D  
 Acq On : 10 Jun 2024 11:37  
 Operator : SY/MD  
 Sample : P2776-06  
 Misc : 5.34g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 A4B94

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\SFAMWLM060324SMA.M  
 Title : SFAM01.0

Signal : TIC: VW029076.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       | 71            | 78          | 93           | rBV      | 134430         | 290617        | 13.47%          | 2.053%        |
| 2         | 2.497       | 98            | 100         | 104          | rBV5     | 1521           | 1228          | 0.06%           | 0.009%        |
| 3         | 2.625       | 119           | 121         | 122          | rBV      | 1923           | 1523          | 0.07%           | 0.011%        |
| 4         | 2.899       | 158           | 166         | 184          | rBV      | 96413          | 267224        | 12.39%          | 1.888%        |
| 5         | 3.234       | 220           | 221         | 223          | rBV3     | 622            | 412           | 0.02%           | 0.003%        |
| 6         | 3.259       | 223           | 225         | 227          | rVV2     | 567            | 478           | 0.02%           | 0.003%        |
| 7         | 3.283       | 227           | 229         | 231          | rVV3     | 754            | 559           | 0.03%           | 0.004%        |
| 8         | 3.399       | 244           | 248         | 252          | rVB5     | 1149           | 1893          | 0.09%           | 0.013%        |
| 9         | 3.686       | 291           | 295         | 296          | rBV3     | 398            | 547           | 0.03%           | 0.004%        |
| 10        | 3.771       | 306           | 309         | 311          | rBV4     | 436            | 594           | 0.03%           | 0.004%        |
| 11        | 3.808       | 311           | 315         | 317          | rBV3     | 431            | 623           | 0.03%           | 0.004%        |
| 12        | 3.911       | 331           | 332         | 336          | rBV3     | 668            | 604           | 0.03%           | 0.004%        |
| 13        | 4.021       | 339           | 350         | 364          | rBV      | 244957         | 715893        | 33.19%          | 5.058%        |
| 14        | 4.381       | 405           | 409         | 410          | rBV3     | 823            | 1078          | 0.05%           | 0.008%        |
| 15        | 4.490       | 423           | 427         | 432          | rBV3     | 469            | 939           | 0.04%           | 0.007%        |
| 16        | 4.740       | 463           | 468         | 471          | rBV4     | 435            | 749           | 0.03%           | 0.005%        |
| 17        | 4.850       | 484           | 486         | 487          | rBV2     | 522            | 427           | 0.02%           | 0.003%        |
| 18        | 4.923       | 487           | 498         | 508          | rBV2     | 12642          | 42821         | 1.99%           | 0.303%        |
| 19        | 5.076       | 522           | 523         | 526          | rBV2     | 439            | 444           | 0.02%           | 0.003%        |
| 20        | 5.173       | 537           | 539         | 541          | rVV3     | 737            | 710           | 0.03%           | 0.005%        |
| 21        | 5.399       | 572           | 576         | 578          | rBV3     | 565            | 939           | 0.04%           | 0.007%        |
| 22        | 5.423       | 578           | 580         | 582          | rVV2     | 1073           | 949           | 0.04%           | 0.007%        |
| 23        | 5.460       | 585           | 586         | 588          | rVV2     | 674            | 459           | 0.02%           | 0.003%        |
| 24        | 5.490       | 588           | 591         | 594          | rVV2     | 450            | 721           | 0.03%           | 0.005%        |
| 25        | 5.515       | 594           | 595         | 599          | rVV3     | 613            | 702           | 0.03%           | 0.005%        |
| 26        | 5.606       | 607           | 610         | 613          | rVV2     | 408            | 543           | 0.03%           | 0.004%        |
| 27        | 5.630       | 613           | 614         | 618          | rVB3     | 474            | 451           | 0.02%           | 0.003%        |
| 28        | 5.673       | 618           | 621         | 625          | rBV3     | 435            | 620           | 0.03%           | 0.004%        |
| 29        | 5.783       | 634           | 639         | 640          | rBV4     | 554            | 456           | 0.02%           | 0.003%        |
| 30        | 5.862       | 649           | 652         | 655          | rBV2     | 366            | 561           | 0.03%           | 0.004%        |
| 31        | 5.941       | 655           | 665         | 674          | rBV5     | 5432           | 17011         | 0.79%           | 0.120%        |
| 32        | 6.051       | 680           | 683         | 685          | rVB2     | 513            | 502           | 0.02%           | 0.004%        |
| 33        | 6.155       | 698           | 700         | 704          | rVB2     | 451            | 576           | 0.03%           | 0.004%        |
| 34        | 6.210       | 704           | 709         | 710          | rBV4     | 528            | 602           | 0.03%           | 0.004%        |
| 35        | 6.234       | 710           | 713         | 715          | rVB3     | 360            | 476           | 0.02%           | 0.003%        |
| 36        | 6.270       | 715           | 719         | 721          | rBV3     | 440            | 469           | 0.02%           | 0.003%        |

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM060324SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |        |         |         |         |
|----|--------|------|------|------|------|--------|---------|---------|---------|
| 37 | 6.331  | 725  | 729  | 731  | rBV3 | 326    | 556     | 0.03%   | 0.004%  |
| 38 | 6.386  | 737  | 738  | 741  | rVB2 | 629    | 477     | 0.02%   | 0.003%  |
| 39 | 6.417  | 741  | 743  | 745  | rBV4 | 483    | 478     | 0.02%   | 0.003%  |
| 40 | 6.587  | 766  | 771  | 773  | rBV2 | 503    | 630     | 0.03%   | 0.004%  |
| 41 | 6.636  | 776  | 779  | 783  | rBV3 | 418    | 655     | 0.03%   | 0.005%  |
| 42 | 6.892  | 816  | 821  | 825  | rBV4 | 408    | 692     | 0.03%   | 0.005%  |
| 43 | 6.965  | 831  | 833  | 835  | rBV2 | 442    | 416     | 0.02%   | 0.003%  |
| 44 | 7.075  | 842  | 851  | 870  | rBV  | 54101  | 173222  | 8.03%   | 1.224%  |
| 45 | 7.289  | 884  | 886  | 891  | rVB4 | 583    | 691     | 0.03%   | 0.005%  |
| 46 | 7.392  | 902  | 903  | 906  | rBV  | 446    | 472     | 0.02%   | 0.003%  |
| 47 | 7.648  | 935  | 945  | 958  | rVV  | 369394 | 895061  | 41.49%  | 6.323%  |
| 48 | 7.862  | 978  | 980  | 983  | rVB4 | 708    | 702     | 0.03%   | 0.005%  |
| 49 | 7.953  | 987  | 995  | 1000 | rBV9 | 1012   | 2503    | 0.12%   | 0.018%  |
| 50 | 8.069  | 1009 | 1014 | 1017 | rBV4 | 806    | 1109    | 0.05%   | 0.008%  |
| 51 | 8.276  | 1036 | 1048 | 1068 | rBV2 | 747501 | 2157098 | 100.00% | 15.240% |
| 52 | 8.490  | 1081 | 1083 | 1089 | rVB4 | 807    | 1328    | 0.06%   | 0.009%  |
| 53 | 8.544  | 1089 | 1092 | 1095 | rBV4 | 559    | 848     | 0.04%   | 0.006%  |
| 54 | 8.569  | 1095 | 1096 | 1101 | rBV4 | 453    | 579     | 0.03%   | 0.004%  |
| 55 | 8.691  | 1112 | 1116 | 1120 | rBV4 | 1150   | 2022    | 0.09%   | 0.014%  |
| 56 | 8.843  | 1131 | 1141 | 1157 | rBV  | 698976 | 1393486 | 64.60%  | 9.845%  |
| 57 | 9.057  | 1170 | 1176 | 1177 | rBV6 | 1391   | 2340    | 0.11%   | 0.017%  |
| 58 | 9.178  | 1194 | 1196 | 1199 | rVB3 | 551    | 614     | 0.03%   | 0.004%  |
| 59 | 9.276  | 1199 | 1212 | 1221 | rBV  | 493029 | 1020148 | 47.29%  | 7.207%  |
| 60 | 9.422  | 1234 | 1236 | 1238 | rBV3 | 519    | 501     | 0.02%   | 0.004%  |
| 61 | 9.556  | 1254 | 1258 | 1260 | rVB4 | 512    | 692     | 0.03%   | 0.005%  |
| 62 | 9.660  | 1272 | 1275 | 1278 | rBV5 | 1531   | 2788    | 0.13%   | 0.020%  |
| 63 | 9.813  | 1298 | 1300 | 1305 | rVB4 | 349    | 410     | 0.02%   | 0.003%  |
| 64 | 9.898  | 1312 | 1314 | 1317 | rVB2 | 429    | 462     | 0.02%   | 0.003%  |
| 65 | 9.922  | 1317 | 1318 | 1321 | rBV3 | 527    | 553     | 0.03%   | 0.004%  |
| 66 | 10.032 | 1328 | 1336 | 1347 | rBV  | 249935 | 462739  | 21.45%  | 3.269%  |
| 67 | 10.319 | 1376 | 1383 | 1391 | rBV  | 975076 | 1741132 | 80.72%  | 12.301% |
| 68 | 10.386 | 1391 | 1394 | 1401 | rVB  | 12362  | 21638   | 1.00%   | 0.153%  |
| 69 | 10.495 | 1408 | 1412 | 1415 | rBV6 | 751    | 1083    | 0.05%   | 0.008%  |
| 70 | 10.575 | 1418 | 1425 | 1439 | rVV  | 152585 | 270044  | 12.52%  | 1.908%  |
| 71 | 10.703 | 1440 | 1446 | 1451 | rVB2 | 7519   | 13248   | 0.61%   | 0.094%  |
| 72 | 10.849 | 1463 | 1470 | 1472 | rBV6 | 1341   | 2700    | 0.13%   | 0.019%  |
| 73 | 10.922 | 1476 | 1482 | 1494 | rBV  | 206525 | 352651  | 16.35%  | 2.491%  |
| 74 | 11.343 | 1548 | 1551 | 1554 | rBV4 | 716    | 795     | 0.04%   | 0.006%  |
| 75 | 11.392 | 1557 | 1559 | 1560 | rBV2 | 745    | 490     | 0.02%   | 0.003%  |
| 76 | 11.477 | 1571 | 1573 | 1579 | rBV4 | 541    | 900     | 0.04%   | 0.006%  |

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 MSVOA\_W  
 ClientSampleId :  
 A4B94

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\SFAMWLM060324SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |        |         |        |         |
|-----|--------|------|------|------|------|--------|---------|--------|---------|
| 77  | 11.629 | 1589 | 1598 | 1607 | rBV  | 879108 | 1473277 | 68.30% | 10.409% |
| 78  | 11.702 | 1607 | 1610 | 1618 | rVB8 | 3060   | 9112    | 0.42%  | 0.064%  |
| 79  | 11.837 | 1629 | 1632 | 1640 | rVV6 | 2349   | 3490    | 0.16%  | 0.025%  |
| 80  | 11.910 | 1642 | 1644 | 1647 | rVB3 | 550    | 608     | 0.03%  | 0.004%  |
| 81  | 12.044 | 1664 | 1666 | 1668 | rBV2 | 418    | 411     | 0.02%  | 0.003%  |
| 82  | 12.166 | 1682 | 1686 | 1687 | rBV2 | 1873   | 2106    | 0.10%  | 0.015%  |
| 83  | 12.330 | 1710 | 1713 | 1714 | rBV2 | 855    | 933     | 0.04%  | 0.007%  |
| 84  | 12.361 | 1714 | 1718 | 1724 | rVV5 | 832    | 1584    | 0.07%  | 0.011%  |
| 85  | 12.464 | 1724 | 1735 | 1740 | rVV5 | 5220   | 9942    | 0.46%  | 0.070%  |
| 86  | 12.599 | 1749 | 1757 | 1764 | rBV2 | 23290  | 45578   | 2.11%  | 0.322%  |
| 87  | 12.690 | 1765 | 1772 | 1780 | rBV  | 310340 | 505924  | 23.45% | 3.574%  |
| 88  | 12.873 | 1799 | 1802 | 1807 | rBV6 | 1769   | 2542    | 0.12%  | 0.018%  |
| 89  | 12.940 | 1809 | 1813 | 1814 | rBV3 | 1910   | 2431    | 0.11%  | 0.017%  |
| 90  | 13.013 | 1823 | 1825 | 1829 | rBV5 | 1034   | 1334    | 0.06%  | 0.009%  |
| 91  | 13.123 | 1841 | 1843 | 1844 | rBV2 | 926    | 713     | 0.03%  | 0.005%  |
| 92  | 13.190 | 1847 | 1854 | 1862 | rVB3 | 7191   | 15197   | 0.70%  | 0.107%  |
| 93  | 13.294 | 1867 | 1871 | 1875 | rBV4 | 3318   | 4724    | 0.22%  | 0.033%  |
| 94  | 13.403 | 1882 | 1889 | 1894 | rBV  | 19161  | 34494   | 1.60%  | 0.244%  |
| 95  | 13.470 | 1895 | 1900 | 1901 | rBV5 | 2257   | 3529    | 0.16%  | 0.025%  |
| 96  | 13.556 | 1907 | 1914 | 1919 | rBV  | 662994 | 1076305 | 49.90% | 7.604%  |
| 97  | 13.757 | 1941 | 1947 | 1952 | rBV5 | 10952  | 22343   | 1.04%  | 0.158%  |
| 98  | 13.848 | 1955 | 1962 | 1969 | rBV  | 596744 | 974317  | 45.17% | 6.883%  |
| 99  | 14.062 | 1993 | 1997 | 2001 | rBV2 | 11737  | 21508   | 1.00%  | 0.152%  |
| 100 | 14.507 | 2063 | 2070 | 2076 | rBV4 | 20130  | 57764   | 2.68%  | 0.408%  |

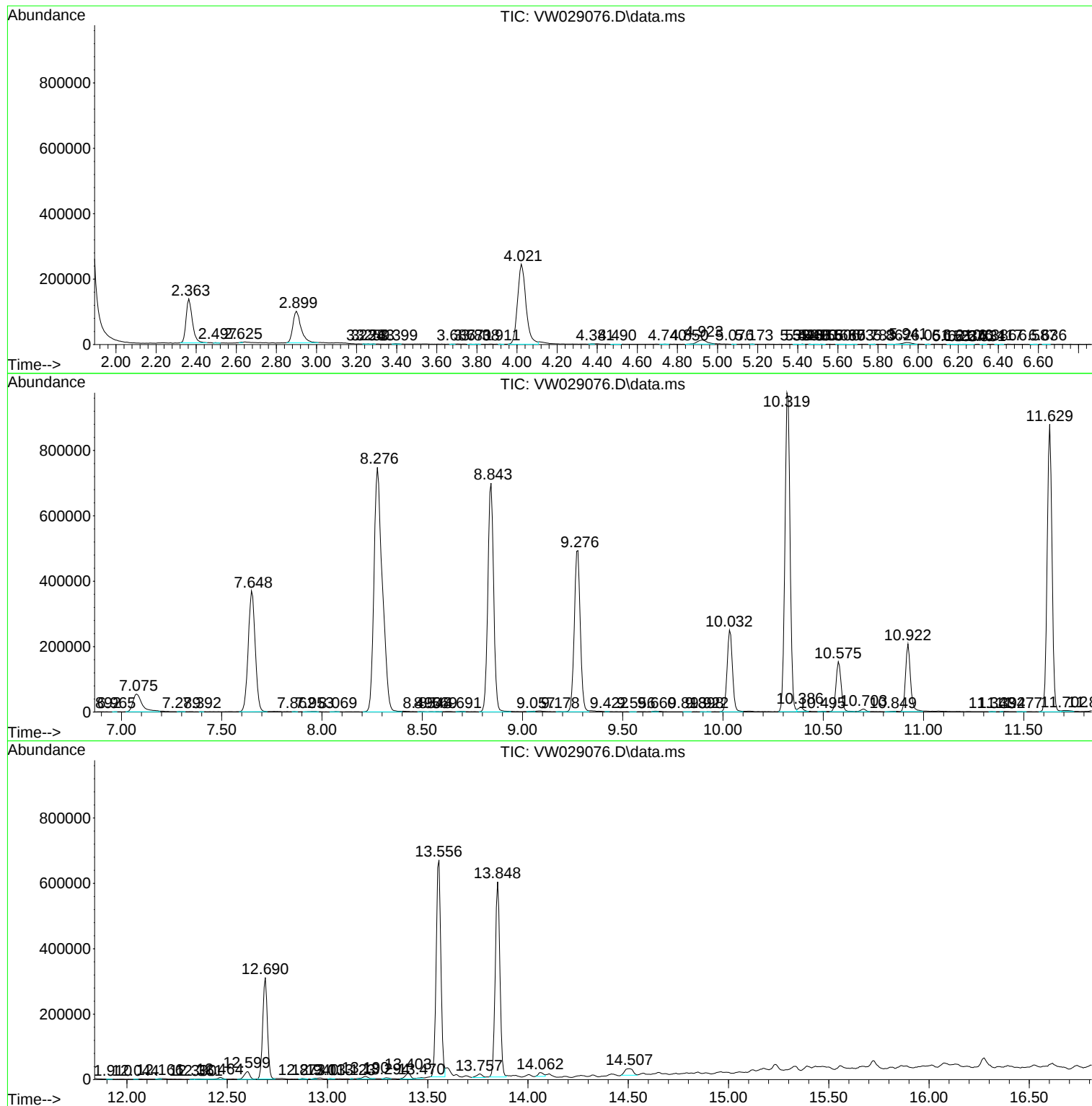
Sum of corrected areas: 14154519

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM060324SMA.M  
Quant Title : SFAM01.0

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



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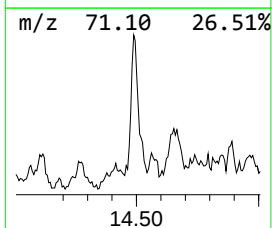
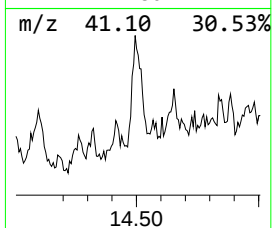
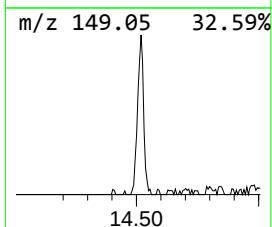
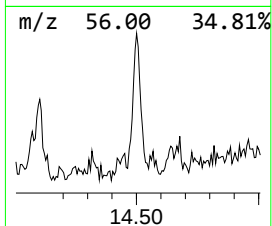
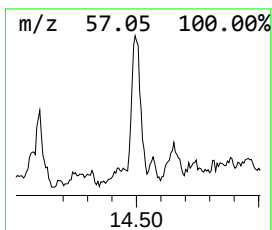
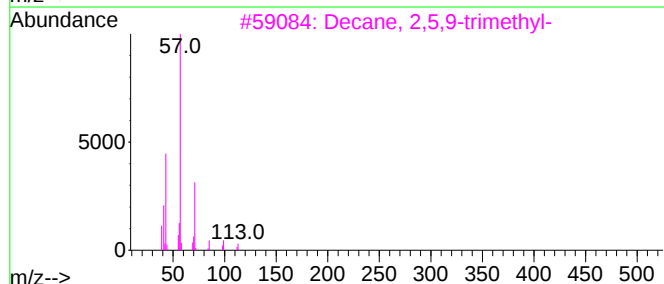
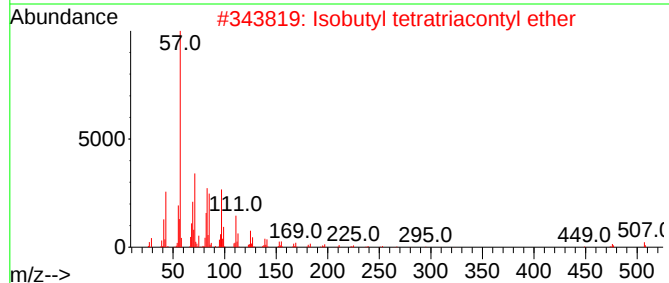
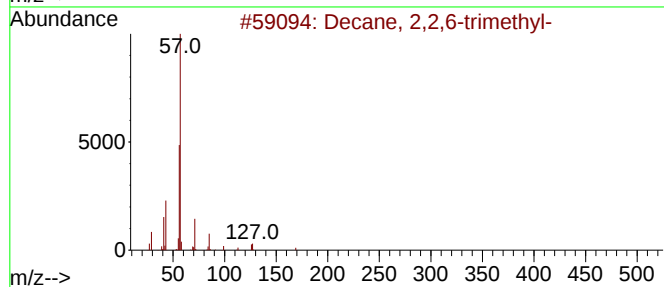
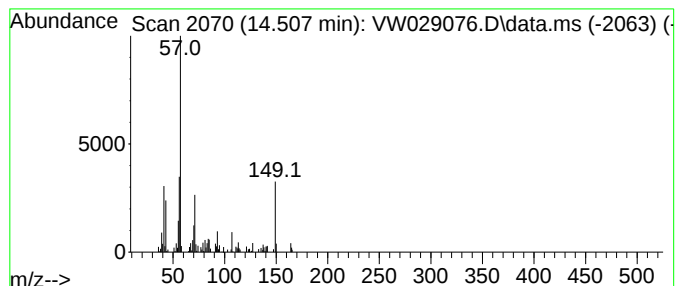
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM060324SMA.M  
Quant Title : SFAM01.0

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

\*\*\*\*\*  
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 14.507 | 1.34 ug/L | 57764 | 1,4-Dichlorobenzene-d4 | 13.556 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#         | Qual |
|------|----|---|--------------------------------|-----|---------|--------------|------|
| 1    |    |   | Decane, 2,2,6-trimethyl-       | 184 | C13H28  | 062237-97-2  | 35   |
| 2    |    |   | Isobutyl tetratriacontyl ether | 551 | C38H78O | 1000406-33-7 | 32   |
| 3    |    |   | Decane, 2,5,9-trimethyl-       | 184 | C13H28  | 062108-22-9  | 16   |
| 4    |    |   | Heptane, 2,2-dimethyl-         | 128 | C9H20   | 001071-26-7  | 16   |
| 5    |    |   | 1-Iodo-2-methylundecane        | 296 | C12H25I | 073105-67-6  | 16   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| (DEL) Alkane: S... | 14.507 | 1.3     | ug/L  | 57764    | 3                     | 13.556 | 1076310 | 25.0 |