

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082224\  
 Data File : VW029983.D  
 Acq On : 22 Aug 2024 13:26  
 Operator : SY/MD  
 Sample : P3673-04  
 Misc : 4.77g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DCYD1

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\SFAMWLM072424SMA.M  
 Title : SFAM01.0

Signal : TIC: VW029983.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          | 90           | rVB      | 55653          | 121627        | 10.86%          | 1.328%        |
| 2         | 2.509       | 96            | 102         | 114          | rBV      | 9807           | 29351         | 2.62%           | 0.321%        |
| 3         | 2.899       | 159           | 166         | 185          | rVB      | 40344          | 115567        | 10.31%          | 1.262%        |
| 4         | 3.289       | 227           | 230         | 231          | rVV3     | 461            | 428           | 0.04%           | 0.005%        |
| 5         | 3.308       | 231           | 233         | 235          | rVB3     | 465            | 412           | 0.04%           | 0.004%        |
| 6         | 3.393       | 240           | 247         | 254          | rBV3     | 2800           | 6835          | 0.61%           | 0.075%        |
| 7         | 3.728       | 295           | 302         | 304          | rBV3     | 980            | 1662          | 0.15%           | 0.018%        |
| 8         | 3.911       | 330           | 332         | 336          | rVB4     | 399            | 521           | 0.05%           | 0.006%        |
| 9         | 4.021       | 336           | 350         | 362          | rBV      | 106798         | 320814        | 28.63%          | 3.504%        |
| 10        | 4.143       | 363           | 370         | 385          | rVB      | 49916          | 162796        | 14.53%          | 1.778%        |
| 11        | 4.381       | 404           | 409         | 410          | rBV2     | 2036           | 2677          | 0.24%           | 0.029%        |
| 12        | 4.686       | 455           | 459         | 464          | rBV3     | 614            | 1264          | 0.11%           | 0.014%        |
| 13        | 4.917       | 486           | 497         | 511          | rBV2     | 8467           | 30590         | 2.73%           | 0.334%        |
| 14        | 5.789       | 633           | 640         | 642          | rBV5     | 1527           | 3250          | 0.29%           | 0.035%        |
| 15        | 5.948       | 656           | 666         | 675          | rVB6     | 2438           | 7680          | 0.69%           | 0.084%        |
| 16        | 6.027       | 675           | 679         | 681          | rBV      | 304            | 424           | 0.04%           | 0.005%        |
| 17        | 6.124       | 687           | 695         | 703          | rBV3     | 863            | 2476          | 0.22%           | 0.027%        |
| 18        | 6.612       | 772           | 775         | 779          | rVB3     | 385            | 396           | 0.04%           | 0.004%        |
| 19        | 6.899       | 815           | 822         | 834          | rBV4     | 3001           | 9362          | 0.84%           | 0.102%        |
| 20        | 7.081       | 844           | 852         | 876          | rBV2     | 28300          | 102444        | 9.14%           | 1.119%        |
| 21        | 7.648       | 933           | 945         | 960          | rBV      | 182617         | 448323        | 40.01%          | 4.896%        |
| 22        | 8.276       | 1036          | 1048        | 1063         | rBV2     | 343913         | 1012462       | 90.36%          | 11.058%       |
| 23        | 8.551       | 1085          | 1093        | 1102         | rBV3     | 8025           | 18789         | 1.68%           | 0.205%        |
| 24        | 8.618       | 1103          | 1104        | 1109         | rVB3     | 737            | 829           | 0.07%           | 0.009%        |
| 25        | 8.709       | 1109          | 1119        | 1128         | rBV      | 10261          | 23693         | 2.11%           | 0.259%        |
| 26        | 8.843       | 1132          | 1141        | 1153         | rBV      | 488604         | 959676        | 85.65%          | 10.481%       |
| 27        | 8.965       | 1159          | 1161        | 1163         | rVB2     | 600            | 549           | 0.05%           | 0.006%        |
| 28        | 9.081       | 1174          | 1180        | 1186         | rVB5     | 1458           | 3025          | 0.27%           | 0.033%        |
| 29        | 9.136       | 1186          | 1189        | 1196         | rVB4     | 465            | 958           | 0.09%           | 0.010%        |
| 30        | 9.270       | 1202          | 1211        | 1223         | rBV      | 236234         | 489027        | 43.65%          | 5.341%        |
| 31        | 9.410       | 1227          | 1234        | 1243         | rVB      | 15910          | 33453         | 2.99%           | 0.365%        |
| 32        | 9.672       | 1270          | 1277        | 1281         | rBV5     | 1183           | 2117          | 0.19%           | 0.023%        |
| 33        | 10.032      | 1329          | 1336        | 1348         | rBV      | 118091         | 213311        | 19.04%          | 2.330%        |
| 34        | 10.160      | 1348          | 1357        | 1363         | rVB6     | 1529           | 3682          | 0.33%           | 0.040%        |
| 35        | 10.325      | 1373          | 1384        | 1391         | rBV      | 461668         | 842676        | 75.21%          | 9.203%        |
| 36        | 10.422      | 1399          | 1400        | 1406         | rVB4     | 1512           | 1797          | 0.16%           | 0.020%        |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082224\  
 Data File : VW029983.D  
 Acq On : 22 Aug 2024 13:26  
 Operator : SY/MD  
 Sample : P3673-04  
 Misc : 4.77g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DCYD1

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\SFAMWLM072424SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |        |         |         |         |
|----|--------|------|------|------|------|--------|---------|---------|---------|
| 37 | 10.477 | 1406 | 1409 | 1410 | rBV3 | 335    | 426     | 0.04%   | 0.005%  |
| 38 | 10.508 | 1410 | 1414 | 1417 | rVB6 | 672    | 1198    | 0.11%   | 0.013%  |
| 39 | 10.575 | 1417 | 1425 | 1434 | rBV  | 74783  | 135397  | 12.08%  | 1.479%  |
| 40 | 10.703 | 1439 | 1446 | 1452 | rBV  | 33390  | 59843   | 5.34%   | 0.654%  |
| 41 | 10.855 | 1466 | 1471 | 1472 | rBV4 | 842    | 821     | 0.07%   | 0.009%  |
| 42 | 10.922 | 1475 | 1482 | 1495 | rBV  | 123514 | 216877  | 19.36%  | 2.369%  |
| 43 | 11.020 | 1496 | 1498 | 1499 | rVV  | 1564   | 1200    | 0.11%   | 0.013%  |
| 44 | 11.069 | 1500 | 1506 | 1519 | rVB  | 226815 | 369279  | 32.96%  | 4.033%  |
| 45 | 11.568 | 1581 | 1588 | 1590 | rBV3 | 844    | 1510    | 0.13%   | 0.016%  |
| 46 | 11.629 | 1590 | 1598 | 1610 | rVV  | 675520 | 1120449 | 100.00% | 12.237% |
| 47 | 11.782 | 1621 | 1623 | 1626 | rVB  | 368    | 333     | 0.03%   | 0.004%  |
| 48 | 11.843 | 1626 | 1633 | 1643 | rBV2 | 13145  | 28899   | 2.58%   | 0.316%  |
| 49 | 12.020 | 1657 | 1662 | 1668 | rBV3 | 5498   | 9985    | 0.89%   | 0.109%  |
| 50 | 12.172 | 1683 | 1687 | 1692 | rVB3 | 466    | 879     | 0.08%   | 0.010%  |
| 51 | 12.233 | 1694 | 1697 | 1702 | rBV4 | 697    | 1032    | 0.09%   | 0.011%  |
| 52 | 12.337 | 1706 | 1714 | 1720 | rBV3 | 7553   | 13140   | 1.17%   | 0.144%  |
| 53 | 12.465 | 1733 | 1735 | 1738 | rBV2 | 392    | 352     | 0.03%   | 0.004%  |
| 54 | 12.507 | 1738 | 1742 | 1748 | rVB2 | 1628   | 2611    | 0.23%   | 0.029%  |
| 55 | 12.599 | 1751 | 1757 | 1765 | rBV2 | 28325  | 48748   | 4.35%   | 0.532%  |
| 56 | 12.690 | 1765 | 1772 | 1780 | rBV  | 208876 | 335419  | 29.94%  | 3.663%  |
| 57 | 12.800 | 1787 | 1790 | 1794 | rVB2 | 385    | 484     | 0.04%   | 0.005%  |
| 58 | 12.904 | 1803 | 1807 | 1808 | rBV2 | 803    | 952     | 0.08%   | 0.010%  |
| 59 | 13.044 | 1824 | 1830 | 1833 | rBV3 | 1007   | 1593    | 0.14%   | 0.017%  |
| 60 | 13.099 | 1833 | 1839 | 1842 | rVV4 | 1803   | 3424    | 0.31%   | 0.037%  |
| 61 | 13.154 | 1842 | 1848 | 1853 | rVV2 | 23856  | 39943   | 3.56%   | 0.436%  |
| 62 | 13.208 | 1853 | 1857 | 1863 | rVV  | 11425  | 20413   | 1.82%   | 0.223%  |
| 63 | 13.282 | 1863 | 1869 | 1881 | rVB6 | 5718   | 13524   | 1.21%   | 0.148%  |
| 64 | 13.391 | 1881 | 1887 | 1895 | rBV5 | 6282   | 11464   | 1.02%   | 0.125%  |
| 65 | 13.495 | 1897 | 1904 | 1906 | rBV7 | 1476   | 2638    | 0.24%   | 0.029%  |
| 66 | 13.556 | 1906 | 1914 | 1923 | rVV  | 618273 | 999041  | 89.16%  | 10.911% |
| 67 | 13.641 | 1926 | 1928 | 1935 | rVB5 | 2424   | 3951    | 0.35%   | 0.043%  |
| 68 | 13.757 | 1943 | 1947 | 1950 | rBV4 | 729    | 1000    | 0.09%   | 0.011%  |
| 69 | 13.788 | 1950 | 1952 | 1953 | rVV2 | 555    | 476     | 0.04%   | 0.005%  |
| 70 | 13.849 | 1955 | 1962 | 1979 | rVV  | 416948 | 661926  | 59.08%  | 7.229%  |
| 71 | 13.983 | 1982 | 1984 | 1985 | rBV2 | 450    | 398     | 0.04%   | 0.004%  |
| 72 | 14.007 | 1985 | 1988 | 1993 | rVV6 | 1984   | 4123    | 0.37%   | 0.045%  |
| 73 | 14.068 | 1993 | 1998 | 2006 | rVV4 | 12939  | 24751   | 2.21%   | 0.270%  |
| 74 | 14.147 | 2010 | 2011 | 2015 | rVV4 | 309    | 414     | 0.04%   | 0.005%  |
| 75 | 14.196 | 2015 | 2019 | 2023 | rVV5 | 697    | 1604    | 0.14%   | 0.018%  |
| 76 | 14.233 | 2023 | 2025 | 2028 | rVB3 | 370    | 384     | 0.03%   | 0.004%  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082224\  
 Data File : VW029983.D  
 Acq On : 22 Aug 2024 13:26  
 Operator : SY/MD  
 Sample : P3673-04  
 Misc : 4.77g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DCYD1

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\SFAMWLM072424SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |      |       |       |        |
|-----|--------|------|------|------|------|------|-------|-------|--------|
| 77  | 14.318 | 2033 | 2039 | 2047 | rBV4 | 7099 | 12698 | 1.13% | 0.139% |
| 78  | 14.489 | 2064 | 2067 | 2068 | rBV  | 516  | 546   | 0.05% | 0.006% |
| 79  | 14.617 | 2085 | 2088 | 2092 | rVV3 | 620  | 882   | 0.08% | 0.010% |
| 80  | 14.684 | 2096 | 2099 | 2101 | rBV3 | 583  | 740   | 0.07% | 0.008% |
| 81  | 14.714 | 2101 | 2104 | 2109 | rVB4 | 1739 | 2482  | 0.22% | 0.027% |
| 82  | 14.800 | 2116 | 2118 | 2120 | rBV  | 286  | 309   | 0.03% | 0.003% |
| 83  | 14.854 | 2123 | 2127 | 2128 | rBV3 | 641  | 664   | 0.06% | 0.007% |
| 84  | 14.946 | 2137 | 2142 | 2147 | rBV6 | 1748 | 3039  | 0.27% | 0.033% |
| 85  | 15.056 | 2157 | 2160 | 2163 | rBV3 | 391  | 414   | 0.04% | 0.005% |
| 86  | 15.086 | 2163 | 2165 | 2168 | rBV3 | 484  | 562   | 0.05% | 0.006% |
| 87  | 15.178 | 2175 | 2180 | 2183 | rBV6 | 1008 | 2004  | 0.18% | 0.022% |
| 88  | 15.239 | 2188 | 2190 | 2194 | rVB2 | 662  | 688   | 0.06% | 0.008% |
| 89  | 15.476 | 2225 | 2229 | 2235 | rVV2 | 2058 | 3513  | 0.31% | 0.038% |
| 90  | 15.556 | 2239 | 2242 | 2245 | rBV3 | 473  | 598   | 0.05% | 0.007% |
| 91  | 15.684 | 2261 | 2263 | 2264 | rBV2 | 425  | 340   | 0.03% | 0.004% |
| 92  | 15.848 | 2284 | 2290 | 2296 | rVB5 | 2331 | 4561  | 0.41% | 0.050% |
| 93  | 15.958 | 2304 | 2308 | 2314 | rVB5 | 877  | 1765  | 0.16% | 0.019% |
| 94  | 16.190 | 2343 | 2346 | 2352 | rBV5 | 341  | 709   | 0.06% | 0.008% |
| 95  | 16.244 | 2353 | 2355 | 2358 | rVB2 | 476  | 438   | 0.04% | 0.005% |
| 96  | 16.476 | 2390 | 2393 | 2394 | rBV3 | 362  | 388   | 0.03% | 0.004% |
| 97  | 16.543 | 2401 | 2404 | 2405 | rBV3 | 411  | 439   | 0.04% | 0.005% |
| 98  | 16.574 | 2405 | 2409 | 2411 | rVB4 | 415  | 595   | 0.05% | 0.006% |
| 99  | 16.629 | 2412 | 2418 | 2421 | rVB5 | 383  | 729   | 0.07% | 0.008% |
| 100 | 16.757 | 2435 | 2439 | 2443 | rBV3 | 567  | 1133  | 0.10% | 0.012% |

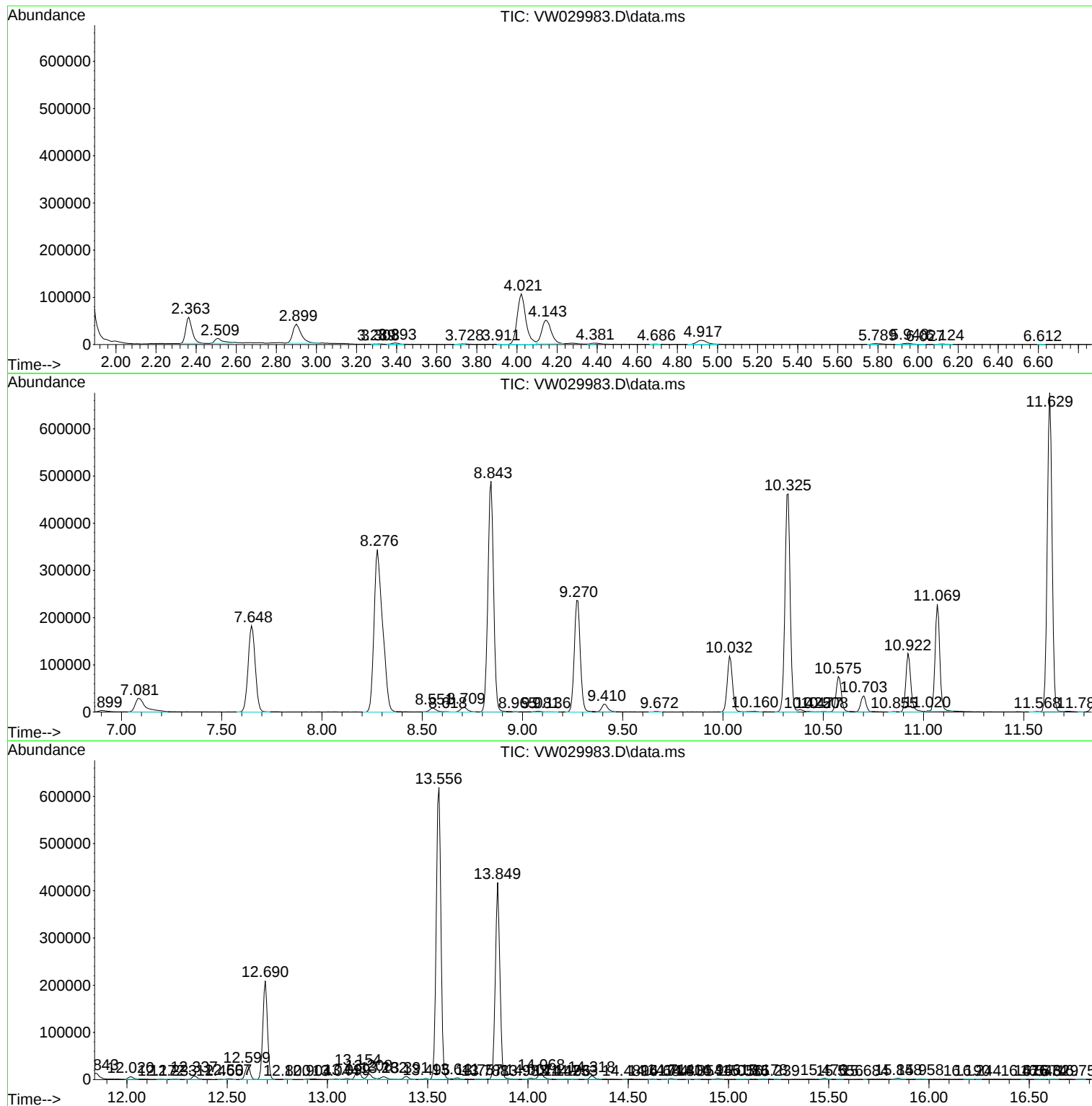
Sum of corrected areas: 9156080

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082224\  
Data File : VW029983.D  
Acq On : 22 Aug 2024 13:26  
Operator : SY/MD  
Sample : P3673-04  
Misc : 4.77g/10mL/MSVOA\_W/SOIL/A  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
DCYD1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM072424SMA.M  
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082224\  
Data File : VW029983.D  
Acq On : 22 Aug 2024 13:26  
Operator : SY/MD  
Sample : P3673-04  
Misc : 4.77g/10mL/MSVOA\_W/SOIL/A  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
DCYD1

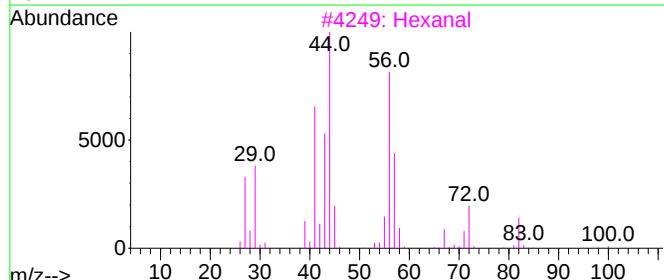
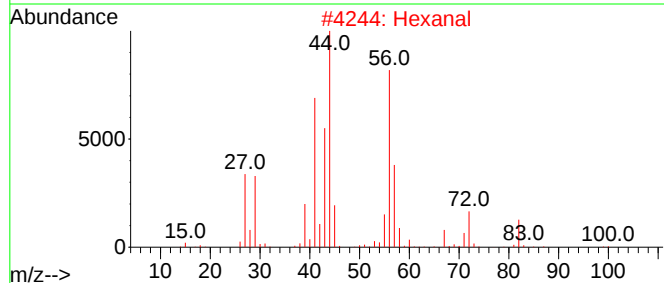
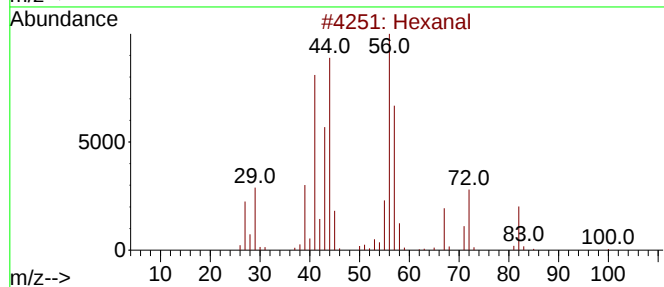
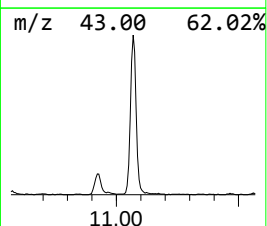
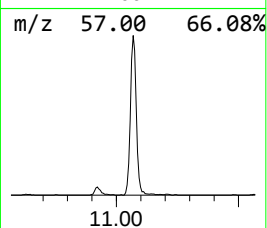
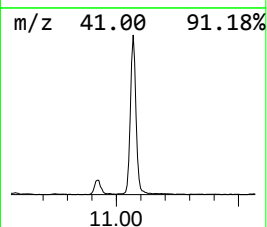
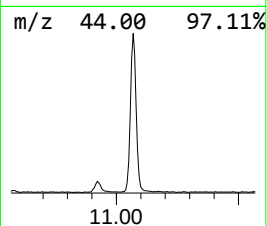
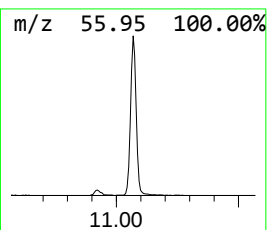
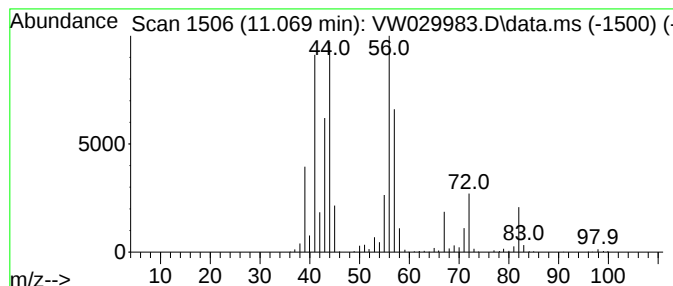
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM072424SMA.M  
Quant Title : SFAM01.0

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

\*\*\*\*\*  
Peak Number 3 Hexanal Concentration Rank 1

| R.T.   | EstConc   | Area   | Relative to ISTD | R.T.   |
|--------|-----------|--------|------------------|--------|
| 11.069 | 8.24 ug/L | 369279 | Chlorobenzene-d5 | 11.629 |

| Hit# | of      | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|---------|---|--------------|-----|---------|-------------|------|
| 1    | Hexanal |   |              | 100 | C6H12O  | 000066-25-1 | 95   |
| 2    | Hexanal |   |              | 100 | C6H12O  | 000066-25-1 | 87   |
| 3    | Hexanal |   |              | 100 | C6H12O  | 000066-25-1 | 74   |
| 4    | Hexanal |   |              | 100 | C6H12O  | 000066-25-1 | 59   |
| 5    | Hexanal |   |              | 100 | C6H12O  | 000066-25-1 | 59   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082224\  
Data File : VW029983.D  
Acq On : 22 Aug 2024 13:26  
Operator : SY/MD  
Sample : P3673-04  
Misc : 4.77g/10mL/MSVOA\_W/SOIL/A  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
DCYD1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM072424SMA.M  
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 |
| Hexanal          | 11.069 | 8.2     | ug/L  | 369279   | 2                     | 11.629 | 1120450 | 25.0 |