

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042622\  
 Data File : VW022628.D  
 Acq On : 26 Apr 2022 16:38  
 Operator : SY/VA  
 Sample : VIBLK435  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VIBLK435

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\SFAMWLM040722SMA.M  
 Title : SFAM01.0

Signal : TIC: VW022628.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         | 2.215       | 48            | 51          | 52           | rBV2     | 3479           | 2826          | 0.12%           | 0.023%        |
| 2         | 2.227       | 52            | 53          | 55           | rBV2     | 2165           | 2237          | 0.09%           | 0.018%        |
| 3         | 2.355       | 68            | 74          | 83           | rVB      | 132234         | 218497        | 8.96%           | 1.759%        |
| 4         | 2.885       | 155           | 161         | 172          | rVB      | 76429          | 162714        | 6.67%           | 1.310%        |
| 5         | 3.385       | 237           | 243         | 244          | rBV5     | 3372           | 4667          | 0.19%           | 0.038%        |
| 6         | 3.532       | 265           | 267         | 268          | rBV2     | 1677           | 1374          | 0.06%           | 0.011%        |
| 7         | 3.800       | 308           | 311         | 313          | rBV4     | 1227           | 1494          | 0.06%           | 0.012%        |
| 8         | 4.019       | 335           | 347         | 360          | rBV      | 135473         | 420198        | 17.24%          | 3.382%        |
| 9         | 4.123       | 360           | 364         | 365          | rBV4     | 2569           | 3172          | 0.13%           | 0.026%        |
| 10        | 4.184       | 372           | 374         | 379          | rVB6     | 1418           | 1848          | 0.08%           | 0.015%        |
| 11        | 4.391       | 400           | 408         | 418          | rBV      | 15468          | 49530         | 2.03%           | 0.399%        |
| 12        | 4.513       | 425           | 428         | 431          | rBV5     | 1007           | 1580          | 0.06%           | 0.013%        |
| 13        | 4.922       | 481           | 495         | 507          | rBV4     | 12798          | 51880         | 2.13%           | 0.418%        |
| 14        | 5.031       | 510           | 513         | 518          | rVB6     | 1036           | 2032          | 0.08%           | 0.016%        |
| 15        | 5.129       | 521           | 529         | 530          | rBV5     | 4951           | 9765          | 0.40%           | 0.079%        |
| 16        | 5.428       | 575           | 578         | 581          | rBV5     | 1603           | 2139          | 0.09%           | 0.017%        |
| 17        | 5.501       | 589           | 590         | 596          | rVB5     | 1144           | 1744          | 0.07%           | 0.014%        |
| 18        | 5.708       | 621           | 624         | 625          | rBV3     | 1518           | 1693          | 0.07%           | 0.014%        |
| 19        | 5.745       | 625           | 630         | 631          | rBV4     | 1407           | 2255          | 0.09%           | 0.018%        |
| 20        | 5.885       | 650           | 653         | 655          | rBV4     | 1255           | 1488          | 0.06%           | 0.012%        |
| 21        | 5.940       | 655           | 662         | 675          | rVB5     | 5103           | 16594         | 0.68%           | 0.134%        |
| 22        | 6.141       | 693           | 695         | 699          | rBV3     | 958            | 1400          | 0.06%           | 0.011%        |
| 23        | 6.208       | 702           | 706         | 707          | rBV3     | 1075           | 1560          | 0.06%           | 0.013%        |
| 24        | 6.909       | 818           | 821         | 823          | rVV3     | 2196           | 2507          | 0.10%           | 0.020%        |
| 25        | 6.952       | 826           | 828         | 830          | rVB3     | 1557           | 1527          | 0.06%           | 0.012%        |
| 26        | 7.074       | 840           | 848         | 853          | rBV      | 34208          | 92842         | 3.81%           | 0.747%        |
| 27        | 7.141       | 853           | 859         | 875          | rVB      | 76133          | 221335        | 9.08%           | 1.781%        |
| 28        | 7.458       | 908           | 911         | 914          | rBV5     | 1803           | 2423          | 0.10%           | 0.020%        |
| 29        | 7.647       | 931           | 942         | 955          | rVB      | 212366         | 521920        | 21.41%          | 4.201%        |
| 30        | 7.878       | 977           | 980         | 985          | rVB7     | 1756           | 2511          | 0.10%           | 0.020%        |
| 31        | 8.269       | 1030          | 1044        | 1060         | rBV3     | 726066         | 2437705       | 100.00%         | 19.620%       |
| 32        | 8.622       | 1100          | 1102        | 1107         | rVB4     | 1813           | 2533          | 0.10%           | 0.020%        |
| 33        | 8.842       | 1129          | 1138        | 1150         | rBV      | 340529         | 674135        | 27.65%          | 5.426%        |
| 34        | 9.079       | 1168          | 1177        | 1179         | rBV10    | 2622           | 6160          | 0.25%           | 0.050%        |
| 35        | 9.134       | 1184          | 1186        | 1192         | rVB7     | 1329           | 1708          | 0.07%           | 0.014%        |
| 36        | 9.274       | 1195          | 1209        | 1219         | rBV      | 271320         | 554875        | 22.76%          | 4.466%        |

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM040722SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 37 | 9.652  | 1268 | 1271 | 1275 | rVB6 | 1423   | 2354    | 0.10%  | 0.019% |
| 38 | 9.756  | 1280 | 1288 | 1295 | rVB7 | 5928   | 14501   | 0.59%  | 0.117% |
| 39 | 9.890  | 1304 | 1310 | 1317 | rBV3 | 13266  | 29255   | 1.20%  | 0.235% |
| 40 | 9.963  | 1317 | 1322 | 1326 | rBV4 | 6985   | 14055   | 0.58%  | 0.113% |
| 41 | 10.037 | 1326 | 1334 | 1342 | rVV  | 142216 | 253403  | 10.40% | 2.040% |
| 42 | 10.244 | 1358 | 1368 | 1374 | rBV5 | 11133  | 36416   | 1.49%  | 0.293% |
| 43 | 10.323 | 1374 | 1381 | 1388 | rVV  | 603880 | 1057801 | 43.39% | 8.514% |
| 44 | 10.384 | 1388 | 1391 | 1398 | rVB  | 10757  | 18109   | 0.74%  | 0.146% |
| 45 | 10.506 | 1407 | 1411 | 1416 | rVB6 | 5667   | 9731    | 0.40%  | 0.078% |
| 46 | 10.579 | 1416 | 1423 | 1431 | rBV  | 88765  | 160101  | 6.57%  | 1.289% |
| 47 | 10.701 | 1435 | 1443 | 1451 | rBV2 | 205991 | 382246  | 15.68% | 3.077% |
| 48 | 10.774 | 1451 | 1455 | 1459 | rVB4 | 3485   | 5735    | 0.24%  | 0.046% |
| 49 | 10.841 | 1461 | 1466 | 1473 | rBV6 | 4207   | 8095    | 0.33%  | 0.065% |
| 50 | 10.921 | 1473 | 1479 | 1492 | rBV  | 144394 | 249542  | 10.24% | 2.008% |
| 51 | 11.061 | 1496 | 1502 | 1510 | rBV  | 84293  | 145307  | 5.96%  | 1.170% |
| 52 | 11.177 | 1516 | 1521 | 1533 | rVB4 | 12787  | 26568   | 1.09%  | 0.214% |
| 53 | 11.335 | 1545 | 1547 | 1549 | rBV3 | 2430   | 2344    | 0.10%  | 0.019% |
| 54 | 11.439 | 1553 | 1564 | 1572 | rVB  | 214416 | 382807  | 15.70% | 3.081% |
| 55 | 11.512 | 1572 | 1576 | 1579 | rBV6 | 1646   | 1779    | 0.07%  | 0.014% |
| 56 | 11.628 | 1586 | 1595 | 1605 | rBV  | 512128 | 885289  | 36.32% | 7.125% |
| 57 | 11.719 | 1608 | 1610 | 1614 | rVB5 | 2211   | 2412    | 0.10%  | 0.019% |
| 58 | 11.841 | 1625 | 1630 | 1632 | rBV5 | 2509   | 4133    | 0.17%  | 0.033% |
| 59 | 12.048 | 1661 | 1664 | 1667 | rVV5 | 1325   | 2093    | 0.09%  | 0.017% |
| 60 | 12.170 | 1679 | 1684 | 1688 | rBV7 | 2623   | 4964    | 0.20%  | 0.040% |
| 61 | 12.231 | 1691 | 1694 | 1696 | rBV4 | 1583   | 2141    | 0.09%  | 0.017% |
| 62 | 12.359 | 1713 | 1715 | 1721 | rVV7 | 1794   | 2865    | 0.12%  | 0.023% |
| 63 | 12.469 | 1725 | 1733 | 1737 | rBV6 | 4699   | 10243   | 0.42%  | 0.082% |
| 64 | 12.603 | 1747 | 1755 | 1763 | rBV  | 366093 | 604701  | 24.81% | 4.867% |
| 65 | 12.689 | 1763 | 1769 | 1776 | rVV  | 233223 | 377183  | 15.47% | 3.036% |
| 66 | 12.749 | 1776 | 1779 | 1784 | rVV5 | 4570   | 8179    | 0.34%  | 0.066% |
| 67 | 12.932 | 1804 | 1809 | 1817 | rBV5 | 17288  | 37499   | 1.54%  | 0.302% |
| 68 | 13.030 | 1817 | 1825 | 1829 | rVB8 | 4608   | 9952    | 0.41%  | 0.080% |
| 69 | 13.073 | 1829 | 1832 | 1836 | rBV6 | 3330   | 4036    | 0.17%  | 0.032% |
| 70 | 13.127 | 1839 | 1841 | 1845 | rVB5 | 1514   | 1484    | 0.06%  | 0.012% |
| 71 | 13.188 | 1845 | 1851 | 1855 | rBV3 | 8769   | 14225   | 0.58%  | 0.114% |
| 72 | 13.249 | 1857 | 1861 | 1863 | rBV4 | 3752   | 5502    | 0.23%  | 0.044% |
| 73 | 13.292 | 1863 | 1868 | 1877 | rVB2 | 46971  | 80174   | 3.29%  | 0.645% |
| 74 | 13.402 | 1877 | 1886 | 1892 | rBV4 | 11055  | 22653   | 0.93%  | 0.182% |
| 75 | 13.469 | 1892 | 1897 | 1898 | rBV5 | 2242   | 3007    | 0.12%  | 0.024% |
| 76 | 13.499 | 1900 | 1902 | 1904 | rBV2 | 3172   | 3350    | 0.14%  | 0.027% |

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Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VIBLK435

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\SFAMWLM040722SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 77  | 13.554 | 1905 | 1911 | 1918 | rBV  | 596583 | 929843 | 38.14% | 7.484% |
| 78  | 13.755 | 1939 | 1944 | 1948 | rBV5 | 9778   | 17409  | 0.71%  | 0.140% |
| 79  | 13.847 | 1953 | 1959 | 1966 | rBV  | 518822 | 862334 | 35.37% | 6.941% |
| 80  | 14.005 | 1983 | 1985 | 1988 | rBV4 | 1808   | 2262   | 0.09%  | 0.018% |
| 81  | 14.066 | 1989 | 1995 | 2005 | rVB2 | 83891  | 141807 | 5.82%  | 1.141% |
| 82  | 14.499 | 2062 | 2066 | 2069 | rVV6 | 2020   | 3468   | 0.14%  | 0.028% |
| 83  | 14.621 | 2083 | 2086 | 2089 | rBV4 | 1470   | 1746   | 0.07%  | 0.014% |
| 84  | 14.719 | 2098 | 2102 | 2108 | rVB4 | 9563   | 13840  | 0.57%  | 0.111% |
| 85  | 15.011 | 2148 | 2150 | 2152 | rBV3 | 1509   | 1599   | 0.07%  | 0.013% |
| 86  | 15.048 | 2154 | 2156 | 2160 | rVV5 | 1356   | 2400   | 0.10%  | 0.019% |
| 87  | 15.097 | 2160 | 2164 | 2169 | rVV7 | 2618   | 6294   | 0.26%  | 0.051% |
| 88  | 15.158 | 2172 | 2174 | 2175 | rVV2 | 1800   | 1618   | 0.07%  | 0.013% |
| 89  | 15.261 | 2189 | 2191 | 2197 | rVB6 | 1551   | 2306   | 0.09%  | 0.019% |
| 90  | 15.426 | 2213 | 2218 | 2224 | rVV2 | 20619  | 36364  | 1.49%  | 0.293% |
| 91  | 15.481 | 2224 | 2227 | 2233 | rVV5 | 2610   | 4922   | 0.20%  | 0.040% |
| 92  | 15.542 | 2234 | 2237 | 2242 | rVB6 | 2590   | 4310   | 0.18%  | 0.035% |
| 93  | 15.682 | 2257 | 2260 | 2267 | rVB8 | 2125   | 5180   | 0.21%  | 0.042% |
| 94  | 15.761 | 2267 | 2273 | 2276 | rBV6 | 2840   | 5867   | 0.24%  | 0.047% |
| 95  | 15.792 | 2276 | 2278 | 2280 | rVB3 | 2439   | 1829   | 0.08%  | 0.015% |
| 96  | 15.840 | 2282 | 2286 | 2288 | rBV5 | 1359   | 1924   | 0.08%  | 0.015% |
| 97  | 15.950 | 2301 | 2304 | 2307 | rBV4 | 1369   | 2014   | 0.08%  | 0.016% |
| 98  | 16.212 | 2345 | 2347 | 2352 | rVV5 | 826    | 1357   | 0.06%  | 0.011% |
| 99  | 16.523 | 2394 | 2398 | 2402 | rBV4 | 863    | 1426   | 0.06%  | 0.011% |
| 100 | 16.694 | 2421 | 2426 | 2429 | rBV5 | 842    | 1373   | 0.06%  | 0.011% |

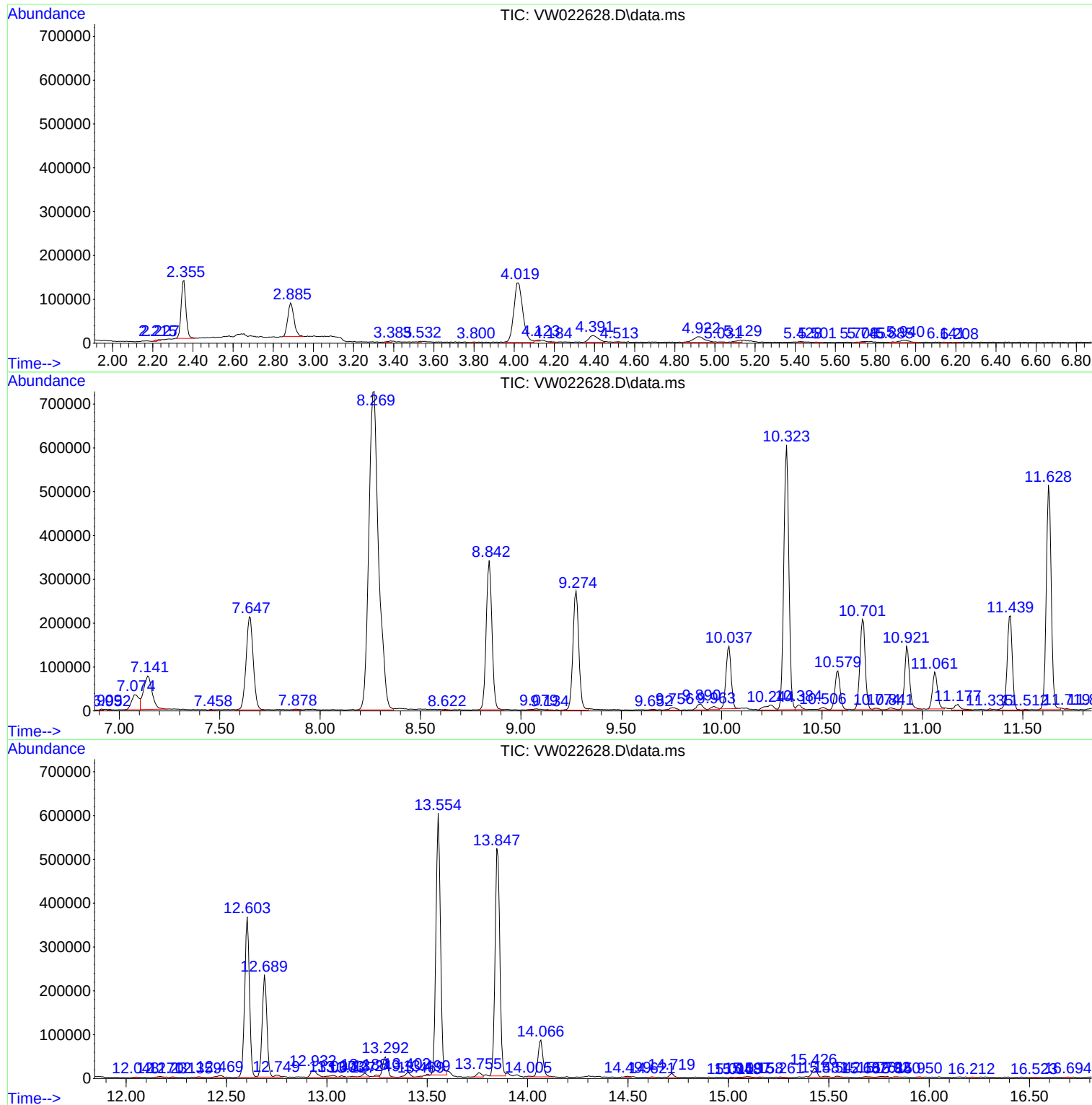
Sum of corrected areas: 12424594

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM040722SMA.M  
Quant Title : SFAM01.0

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



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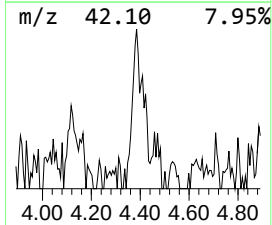
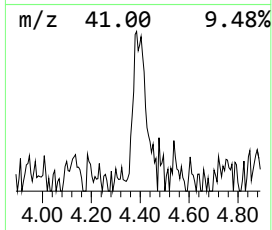
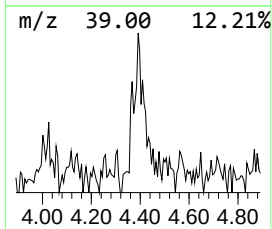
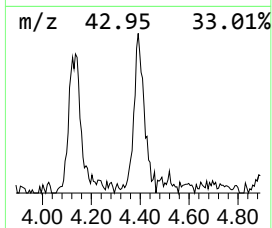
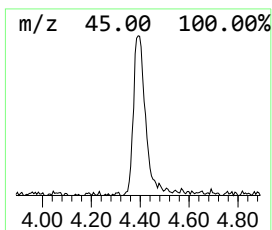
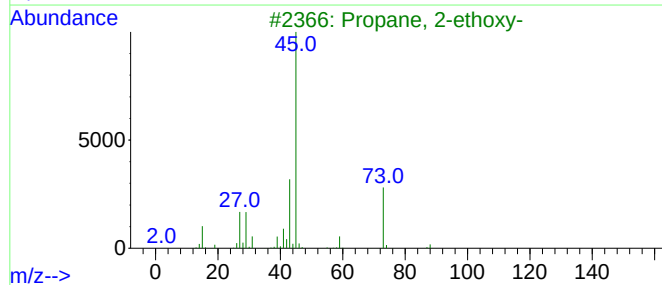
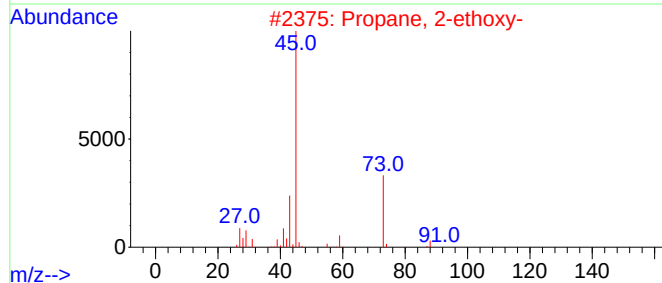
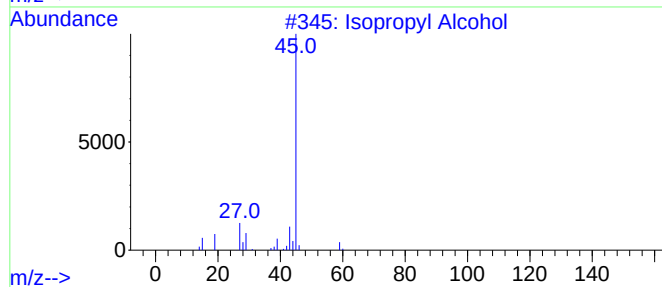
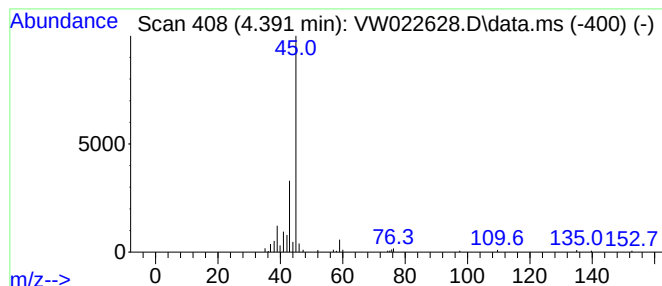
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM040722SMA.M  
Quant Title : SFAM01.0

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

\*\*\*\*\*  
Peak Number 1 Isopropyl Alcohol Concentration Rank 10

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 4.391 | 1.84 ug/L | 49530 | 1,4-Difluorobenzene | 8.842 |

| Hit# | of | 5 | Tentative ID                     | MW | MolForm | CAS#        | Qual |
|------|----|---|----------------------------------|----|---------|-------------|------|
| 1    |    |   | Isopropyl Alcohol                | 60 | C3H8O   | 000067-63-0 | 56   |
| 2    |    |   | Propane, 2-ethoxy-               | 88 | C5H12O  | 000625-54-7 | 39   |
| 3    |    |   | Propane, 2-ethoxy-               | 88 | C5H12O  | 000625-54-7 | 39   |
| 4    |    |   | Isopropyl Alcohol                | 60 | C3H8O   | 000067-63-0 | 9    |
| 5    |    |   | Formic acid, 1-methylethyl ester | 88 | C4H8O2  | 000625-55-8 | 9    |



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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name  | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|-------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                   |       |         |       |          | #                     | RT    | Resp   | Conc |
| Isopropyl Alcohol | 4.391 | 1.8     | ug/L  | 49530    | 1                     | 8.842 | 674135 | 25.0 |