

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU112022\  
 Data File : VU051980.D  
 Acq On : 20 Nov 2022 17:48  
 Operator : JC/MD  
 Sample : N5710-04  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0KY3

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\_U\Method\SFAMULM111522WMA.M  
 Title : VOC Analysis

Signal : TIC: VU051980.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         | 1.604       | 74            | 82          | 102          | rBV2     | 218890         | 272111        | 1.86%           | 0.791%        |
| 2         | 1.906       | 168           | 176         | 196          | rVB      | 108357         | 160685        | 1.10%           | 0.467%        |
| 3         | 2.234       | 275           | 278         | 281          | rBV4     | 1346           | 1067          | 0.01%           | 0.003%        |
| 4         | 2.578       | 368           | 385         | 418          | rBV3     | 722236         | 1331271       | 9.08%           | 3.869%        |
| 5         | 2.793       | 444           | 452         | 467          | rVB      | 11758          | 19025         | 0.13%           | 0.055%        |
| 6         | 3.047       | 521           | 531         | 542          | rVB6     | 1292           | 2774          | 0.02%           | 0.008%        |
| 7         | 3.089       | 542           | 544         | 550          | rVB3     | 318            | 312           | 0.00%           | 0.001%        |
| 8         | 3.134       | 550           | 558         | 559          | rBV2     | 354            | 313           | 0.00%           | 0.001%        |
| 9         | 3.189       | 565           | 575         | 583          | rVB3     | 969            | 1710          | 0.01%           | 0.005%        |
| 10        | 3.224       | 583           | 586         | 592          | rBV3     | 233            | 297           | 0.00%           | 0.001%        |
| 11        | 3.318       | 610           | 615         | 616          | rBV2     | 268            | 268           | 0.00%           | 0.001%        |
| 12        | 3.356       | 616           | 627         | 640          | rVB4     | 7371           | 14122         | 0.10%           | 0.041%        |
| 13        | 3.437       | 648           | 652         | 658          | rVB2     | 353            | 305           | 0.00%           | 0.001%        |
| 14        | 3.591       | 697           | 700         | 704          | rBV      | 305            | 225           | 0.00%           | 0.001%        |
| 15        | 3.681       | 723           | 728         | 731          | rBV2     | 264            | 259           | 0.00%           | 0.001%        |
| 16        | 3.784       | 749           | 760         | 762          | rBV2     | 346            | 507           | 0.00%           | 0.001%        |
| 17        | 3.871       | 771           | 787         | 804          | rBV2     | 32332          | 76943         | 0.53%           | 0.224%        |
| 18        | 3.977       | 816           | 820         | 826          | rVB2     | 251            | 279           | 0.00%           | 0.001%        |
| 19        | 4.221       | 893           | 896         | 901          | rVB2     | 448            | 319           | 0.00%           | 0.001%        |
| 20        | 4.263       | 905           | 909         | 914          | rBV2     | 284            | 372           | 0.00%           | 0.001%        |
| 21        | 4.305       | 918           | 922         | 926          | rBV      | 257            | 225           | 0.00%           | 0.001%        |
| 22        | 4.436       | 958           | 963         | 970          | rBV2     | 287            | 385           | 0.00%           | 0.001%        |
| 23        | 4.469       | 970           | 973         | 977          | rBV3     | 377            | 270           | 0.00%           | 0.001%        |
| 24        | 4.617       | 1006          | 1019        | 1021         | rBV      | 176725         | 252543        | 1.72%           | 0.734%        |
| 25        | 4.662       | 1024          | 1033        | 1068         | rVV      | 1138756        | 2598117       | 17.73%          | 7.552%        |
| 26        | 4.809       | 1072          | 1079        | 1100         | rVB2     | 16911          | 40733         | 0.28%           | 0.118%        |
| 27        | 4.986       | 1131          | 1134        | 1137         | rBV4     | 705            | 419           | 0.00%           | 0.001%        |
| 28        | 5.060       | 1141          | 1157        | 1182         | rVV      | 254657         | 561124        | 3.83%           | 1.631%        |
| 29        | 5.247       | 1213          | 1215        | 1219         | rVB      | 661            | 324           | 0.00%           | 0.001%        |
| 30        | 5.314       | 1219          | 1236        | 1257         | rBV2     | 110385         | 253636        | 1.73%           | 0.737%        |
| 31        | 5.507       | 1292          | 1296        | 1297         | rVV      | 380            | 263           | 0.00%           | 0.001%        |
| 32        | 5.517       | 1297          | 1299        | 1302         | rVB2     | 562            | 294           | 0.00%           | 0.001%        |
| 33        | 5.552       | 1306          | 1310        | 1316         | rBV3     | 371            | 470           | 0.00%           | 0.001%        |
| 34        | 5.723       | 1341          | 1363        | 1403         | rBV2     | 439632         | 1271311       | 8.67%           | 3.695%        |
| 35        | 6.012       | 1448          | 1453        | 1455         | rBV2     | 544            | 419           | 0.00%           | 0.001%        |
| 36        | 6.047       | 1462          | 1464        | 1468         | rVB3     | 583            | 442           | 0.00%           | 0.001%        |

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Integrator: RTE

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Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM111522WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |         |          |         |         |
|----|--------|------|------|------|------|---------|----------|---------|---------|
| 37 | 6.112  | 1480 | 1484 | 1485 | rVV2 | 408     | 272      | 0.00%   | 0.001%  |
| 38 | 6.144  | 1489 | 1494 | 1496 | rVV3 | 419     | 428      | 0.00%   | 0.001%  |
| 39 | 6.247  | 1510 | 1526 | 1558 | rBV  | 513558  | 993534   | 6.78%   | 2.888%  |
| 40 | 6.417  | 1575 | 1579 | 1583 | rVB2 | 449     | 355      | 0.00%   | 0.001%  |
| 41 | 6.459  | 1589 | 1592 | 1596 | rVB2 | 572     | 396      | 0.00%   | 0.001%  |
| 42 | 6.539  | 1601 | 1617 | 1650 | rBV  | 2608113 | 4822054  | 32.90%  | 14.015% |
| 43 | 6.687  | 1650 | 1663 | 1685 | rVB  | 332790  | 640834   | 4.37%   | 1.863%  |
| 44 | 6.854  | 1712 | 1715 | 1718 | rVB4 | 434     | 231      | 0.00%   | 0.001%  |
| 45 | 6.970  | 1738 | 1751 | 1762 | rVB7 | 2589    | 5912     | 0.04%   | 0.017%  |
| 46 | 7.025  | 1762 | 1768 | 1773 | rVB3 | 265     | 254      | 0.00%   | 0.001%  |
| 47 | 7.063  | 1778 | 1780 | 1787 | rVB3 | 268     | 222      | 0.00%   | 0.001%  |
| 48 | 7.186  | 1808 | 1818 | 1830 | rVV  | 6237    | 11343    | 0.08%   | 0.033%  |
| 49 | 7.247  | 1833 | 1837 | 1846 | rVB5 | 1423    | 1941     | 0.01%   | 0.006%  |
| 50 | 7.362  | 1871 | 1873 | 1878 | rVB2 | 419     | 284      | 0.00%   | 0.001%  |
| 51 | 7.478  | 1906 | 1909 | 1914 | rBV3 | 406     | 268      | 0.00%   | 0.001%  |
| 52 | 7.562  | 1924 | 1935 | 1953 | rBV  | 137940  | 246266   | 1.68%   | 0.716%  |
| 53 | 7.690  | 1968 | 1975 | 1987 | rBV5 | 3488    | 6811     | 0.05%   | 0.020%  |
| 54 | 7.819  | 2009 | 2015 | 2022 | rVB3 | 379     | 402      | 0.00%   | 0.001%  |
| 55 | 7.896  | 2026 | 2039 | 2073 | rBV  | 459398  | 797658   | 5.44%   | 2.318%  |
| 56 | 8.067  | 2090 | 2092 | 2095 | rBV2 | 294     | 231      | 0.00%   | 0.001%  |
| 57 | 8.176  | 2115 | 2126 | 2148 | rBV  | 96924   | 165168   | 1.13%   | 0.480%  |
| 58 | 8.279  | 2156 | 2158 | 2163 | rBV3 | 332     | 357      | 0.00%   | 0.001%  |
| 59 | 8.324  | 2168 | 2172 | 2178 | rBV4 | 457     | 512      | 0.00%   | 0.001%  |
| 60 | 8.401  | 2186 | 2196 | 2203 | rBV4 | 3007    | 4682     | 0.03%   | 0.014%  |
| 61 | 8.456  | 2211 | 2213 | 2216 | rBV2 | 472     | 356      | 0.00%   | 0.001%  |
| 62 | 8.552  | 2228 | 2243 | 2258 | rBV  | 8803123 | 14654976 | 100.00% | 42.595% |
| 63 | 8.629  | 2259 | 2267 | 2303 | rVB2 | 509290  | 994291   | 6.78%   | 2.890%  |
| 64 | 9.038  | 2388 | 2394 | 2396 | rBV4 | 917     | 858      | 0.01%   | 0.002%  |
| 65 | 9.285  | 2461 | 2471 | 2484 | rVB3 | 11155   | 18153    | 0.12%   | 0.053%  |
| 66 | 9.414  | 2497 | 2511 | 2541 | rBV  | 755304  | 1306268  | 8.91%   | 3.797%  |
| 67 | 9.562  | 2554 | 2557 | 2559 | rBV3 | 398     | 228      | 0.00%   | 0.001%  |
| 68 | 9.639  | 2580 | 2581 | 2585 | rVB2 | 658     | 317      | 0.00%   | 0.001%  |
| 69 | 9.722  | 2603 | 2607 | 2609 | rBV2 | 284     | 224      | 0.00%   | 0.001%  |
| 70 | 9.755  | 2612 | 2617 | 2620 | rBV3 | 439     | 522      | 0.00%   | 0.002%  |
| 71 | 9.822  | 2634 | 2638 | 2642 | rBV2 | 668     | 679      | 0.00%   | 0.002%  |
| 72 | 10.095 | 2719 | 2723 | 2726 | rVB3 | 490     | 326      | 0.00%   | 0.001%  |
| 73 | 10.115 | 2726 | 2729 | 2733 | rBV3 | 382     | 334      | 0.00%   | 0.001%  |
| 74 | 10.340 | 2795 | 2799 | 2801 | rBV  | 370     | 285      | 0.00%   | 0.001%  |
| 75 | 10.755 | 2915 | 2928 | 2948 | rBV  | 583579  | 948098   | 6.47%   | 2.756%  |
| 76 | 10.899 | 2970 | 2973 | 2977 | rVB3 | 573     | 420      | 0.00%   | 0.001%  |

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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\_U\Method\SFAMULM111522WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |       |        |
|-----|--------|------|------|------|------|--------|--------|-------|--------|
| 77  | 11.009 | 2999 | 3007 | 3009 | rBV2 | 416    | 531    | 0.00% | 0.002% |
| 78  | 11.108 | 3035 | 3038 | 3043 | rVB2 | 248    | 249    | 0.00% | 0.001% |
| 79  | 11.147 | 3043 | 3050 | 3052 | rBV3 | 324    | 412    | 0.00% | 0.001% |
| 80  | 11.195 | 3062 | 3065 | 3068 | rVB2 | 330    | 230    | 0.00% | 0.001% |
| 81  | 11.298 | 3093 | 3097 | 3102 | rVV3 | 485    | 489    | 0.00% | 0.001% |
| 82  | 11.520 | 3158 | 3166 | 3178 | rVB4 | 6378   | 9769   | 0.07% | 0.028% |
| 83  | 11.809 | 3243 | 3256 | 3279 | rBV  | 564252 | 919348 | 6.27% | 2.672% |
| 84  | 12.060 | 3324 | 3334 | 3350 | rBV  | 34694  | 62088  | 0.42% | 0.180% |
| 85  | 12.192 | 3362 | 3375 | 3394 | rBV  | 554760 | 913583 | 6.23% | 2.655% |
| 86  | 12.446 | 3451 | 3454 | 3457 | rBV3 | 397    | 344    | 0.00% | 0.001% |
| 87  | 13.375 | 3740 | 3743 | 3746 | rBV2 | 370    | 228    | 0.00% | 0.001% |
| 88  | 13.439 | 3760 | 3763 | 3770 | rVB3 | 591    | 417    | 0.00% | 0.001% |
| 89  | 13.468 | 3770 | 3772 | 3778 | rVB2 | 507    | 375    | 0.00% | 0.001% |
| 90  | 13.500 | 3778 | 3782 | 3787 | rBV3 | 546    | 654    | 0.00% | 0.002% |
| 91  | 13.886 | 3896 | 3902 | 3905 | rBV3 | 693    | 570    | 0.00% | 0.002% |
| 92  | 13.928 | 3911 | 3915 | 3918 | rBV4 | 302    | 287    | 0.00% | 0.001% |
| 93  | 14.314 | 4033 | 4035 | 4040 | rBV2 | 513    | 364    | 0.00% | 0.001% |
| 94  | 14.635 | 4129 | 4135 | 4137 | rBV3 | 537    | 658    | 0.00% | 0.002% |
| 95  | 14.774 | 4175 | 4178 | 4180 | rBV2 | 485    | 330    | 0.00% | 0.001% |
| 96  | 14.844 | 4196 | 4200 | 4204 | rBV5 | 650    | 699    | 0.00% | 0.002% |
| 97  | 15.127 | 4284 | 4288 | 4291 | rVB3 | 572    | 468    | 0.00% | 0.001% |
| 98  | 15.369 | 4360 | 4363 | 4365 | rBV2 | 544    | 311    | 0.00% | 0.001% |
| 99  | 15.388 | 4366 | 4369 | 4373 | rBV3 | 858    | 705    | 0.00% | 0.002% |
| 100 | 15.751 | 4478 | 4482 | 4486 | rBV3 | 1276   | 1185   | 0.01% | 0.003% |

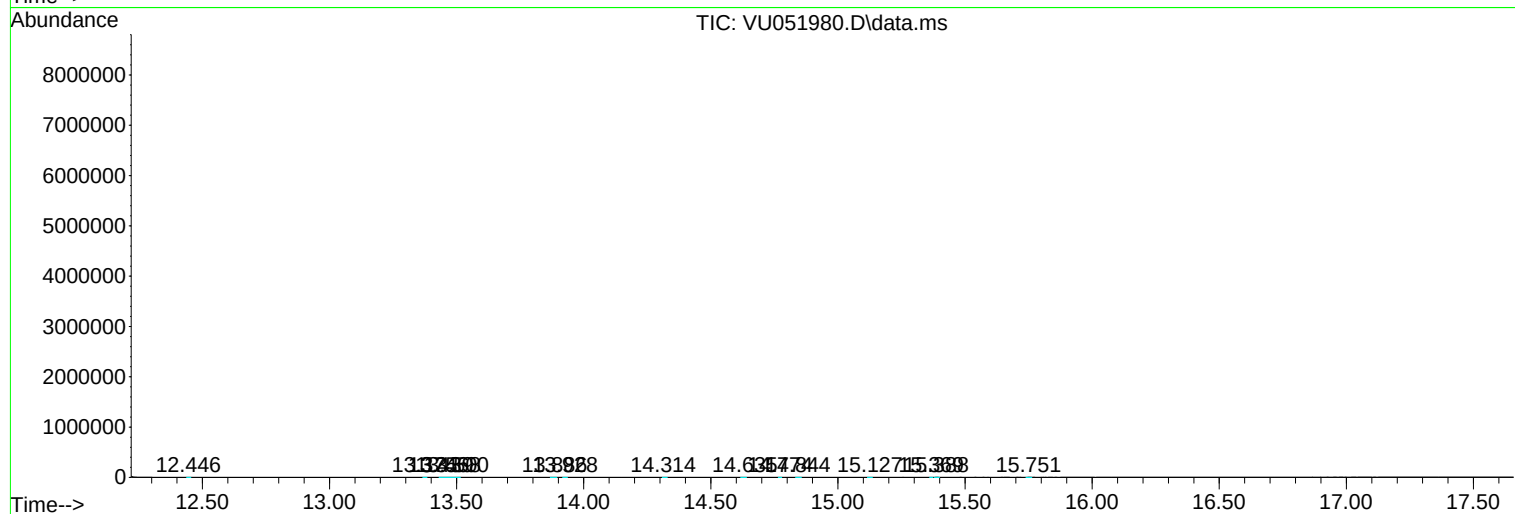
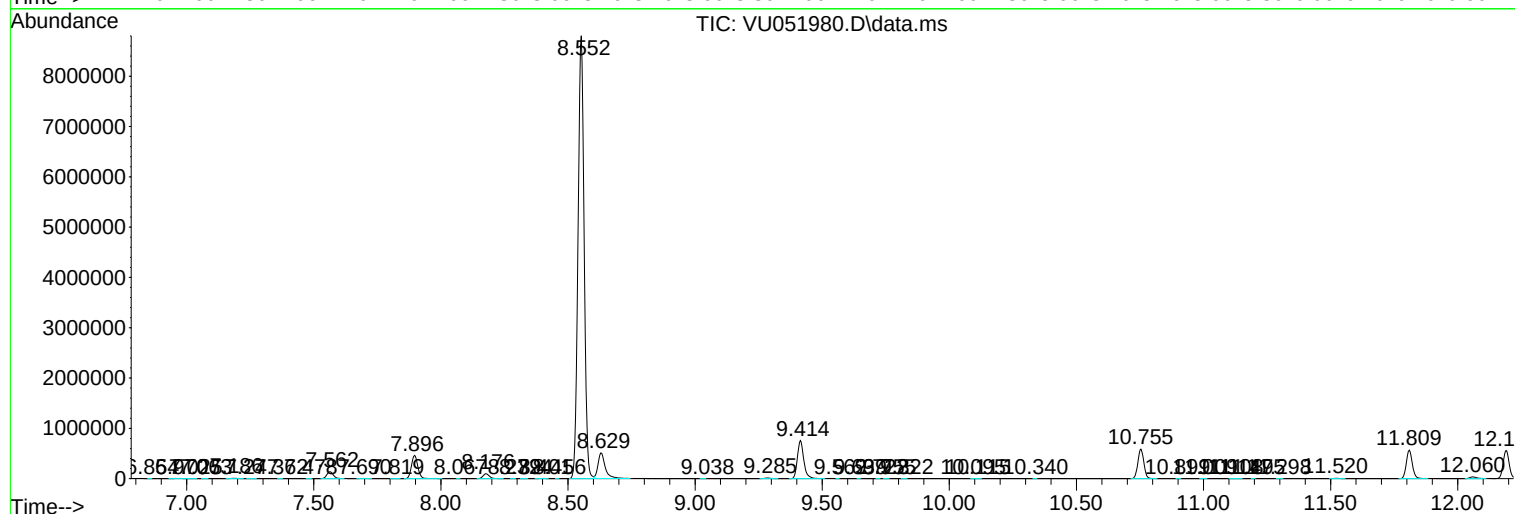
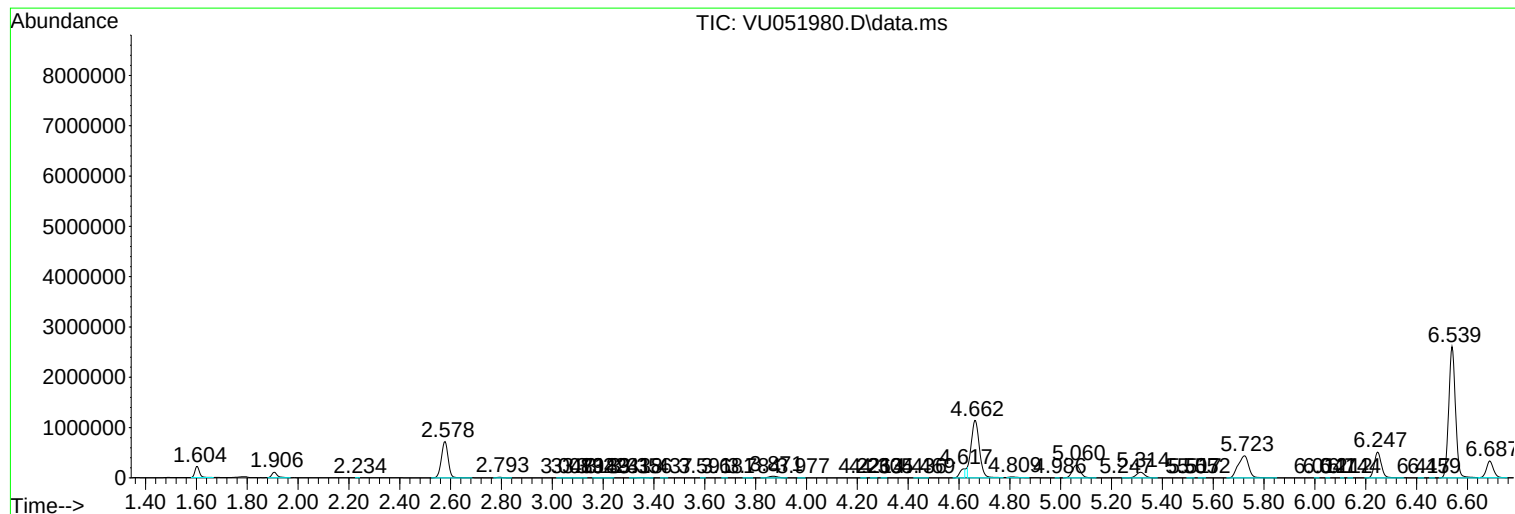
Sum of corrected areas: 34405183

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM111522WMA.M  
Quant Title : VOC Analysis

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



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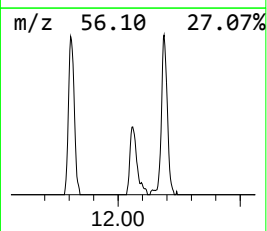
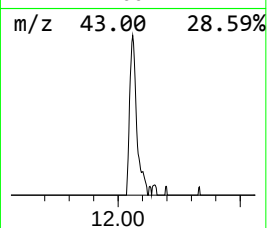
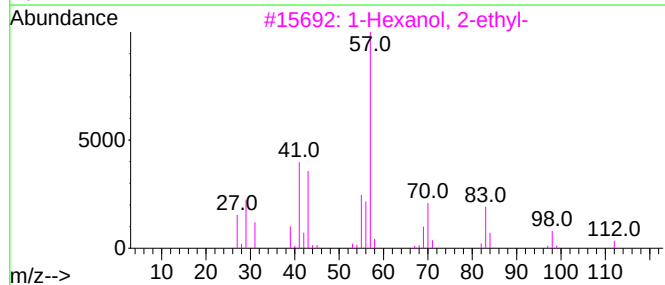
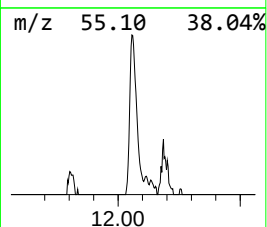
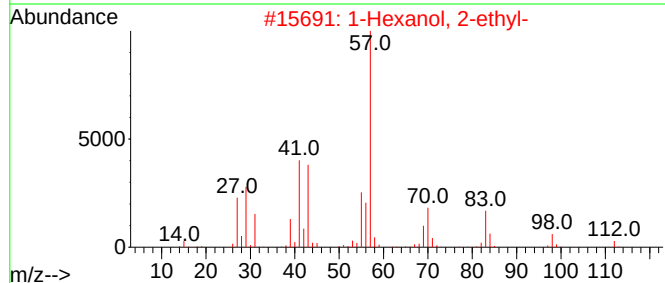
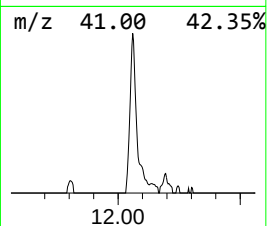
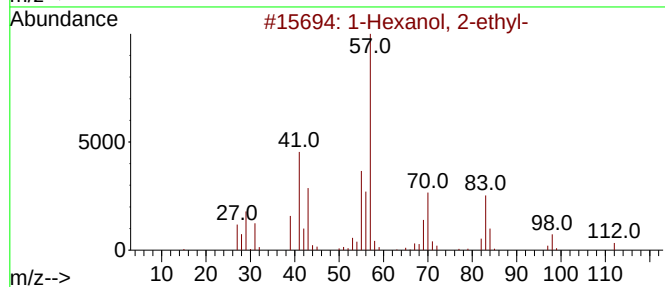
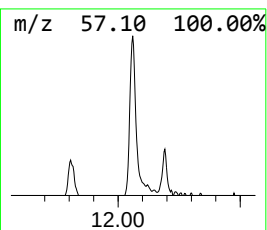
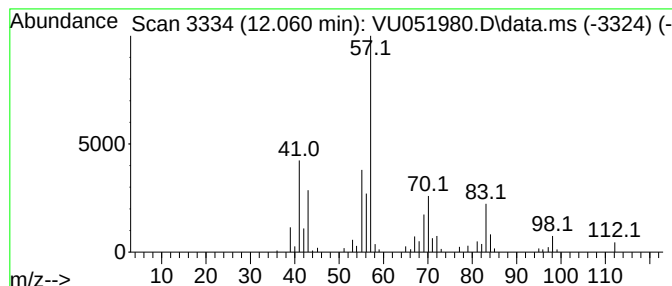
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM111522WMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 2 1-Hexanol, 2-ethyl- Concentration Rank 2

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 12.060 | 3.38 ug/L | 62088 | 1,4-Dichlorobenzene-d4 | 11.809 |

| Hit# | of                  | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|---------------------|---|--------------|-----|---------|-------------|------|
| 1    | 1-Hexanol, 2-ethyl- |   |              | 130 | C8H18O  | 000104-76-7 | 83   |
| 2    | 1-Hexanol, 2-ethyl- |   |              | 130 | C8H18O  | 000104-76-7 | 72   |
| 3    | 1-Hexanol, 2-ethyl- |   |              | 130 | C8H18O  | 000104-76-7 | 72   |
| 4    | 2-Propyl-1-pentanol |   |              | 130 | C8H18O  | 058175-57-8 | 72   |
| 5    | 1-Hexanol, 2-ethyl- |   |              | 130 | C8H18O  | 000104-76-7 | 64   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| 1-Hexanol, 2-et... | 12.060 | 3.4     | ug/L  | 62088    | 3                     | 11.809 | 919348 | 50.0 |