

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV080724\  
 Data File : VV036840.D  
 Acq On : 07 Aug 2024 16:16  
 Operator : SY/MD  
 Sample : P3480-08  
 Misc : 5.00mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 E0AC2

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\_V\Method\SFAMVLM080224WMA.M

Title : VOC Analysis

Signal : TIC: VV036840.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         | 1.217       | 51            | 55          | 60           | rBV4     | 4872           | 6164          | 0.37%           | 0.048%        |
| 2         | 1.278       | 67            | 74          | 91           | rVB      | 216148         | 228147        | 13.54%          | 1.762%        |
| 3         | 1.532       | 145           | 153         | 167          | rVB      | 193371         | 222566        | 13.21%          | 1.719%        |
| 4         | 2.060       | 307           | 317         | 328          | rBV      | 360646         | 519228        | 30.82%          | 4.011%        |
| 5         | 3.796       | 848           | 857         | 886          | rBV      | 95620          | 261060        | 15.50%          | 2.017%        |
| 6         | 4.146       | 964           | 966         | 969          | rBV3     | 919            | 591           | 0.04%           | 0.005%        |
| 7         | 4.246       | 979           | 997         | 1022         | rBV      | 261708         | 677925        | 40.24%          | 5.237%        |
| 8         | 4.449       | 1056          | 1060        | 1062         | rBV5     | 828            | 642           | 0.04%           | 0.005%        |
| 9         | 4.516       | 1078          | 1081        | 1087         | rBV5     | 758            | 836           | 0.05%           | 0.006%        |
| 10        | 4.606       | 1105          | 1109        | 1113         | rBV5     | 638            | 609           | 0.04%           | 0.005%        |
| 11        | 4.699       | 1135          | 1138        | 1143         | rBV5     | 483            | 476           | 0.03%           | 0.004%        |
| 12        | 4.735       | 1146          | 1149        | 1152         | rBV4     | 701            | 578           | 0.03%           | 0.004%        |
| 13        | 4.834       | 1174          | 1180        | 1182         | rBV4     | 738            | 818           | 0.05%           | 0.006%        |
| 14        | 4.950       | 1200          | 1216        | 1256         | rBV2     | 664711         | 1684781       | 100.00%         | 13.015%       |
| 15        | 5.217       | 1294          | 1299        | 1302         | rVB6     | 998            | 854           | 0.05%           | 0.007%        |
| 16        | 5.233       | 1302          | 1304        | 1307         | rBV4     | 599            | 383           | 0.02%           | 0.003%        |
| 17        | 5.333       | 1333          | 1335        | 1339         | rVB3     | 1041           | 737           | 0.04%           | 0.006%        |
| 18        | 5.375       | 1345          | 1348        | 1351         | rBV3     | 543            | 433           | 0.03%           | 0.003%        |
| 19        | 5.481       | 1378          | 1381        | 1382         | rBV2     | 1053           | 599           | 0.04%           | 0.005%        |
| 20        | 5.529       | 1385          | 1396        | 1428         | rVV      | 549333         | 1131359       | 67.15%          | 8.740%        |
| 21        | 5.732       | 1457          | 1459        | 1463         | rBV4     | 788            | 470           | 0.03%           | 0.004%        |
| 22        | 5.822       | 1476          | 1487        | 1508         | rBV2     | 40900          | 92610         | 5.50%           | 0.715%        |
| 23        | 5.931       | 1516          | 1521        | 1525         | rBV6     | 900            | 979           | 0.06%           | 0.008%        |
| 24        | 5.986       | 1525          | 1538        | 1565         | rBV      | 374427         | 779982        | 46.30%          | 6.025%        |
| 25        | 6.394       | 1659          | 1665        | 1666         | rBV4     | 531            | 413           | 0.02%           | 0.003%        |
| 26        | 6.439       | 1675          | 1679        | 1681         | rBV5     | 714            | 528           | 0.03%           | 0.004%        |
| 27        | 6.719       | 1762          | 1766        | 1768         | rBV3     | 881            | 647           | 0.04%           | 0.005%        |
| 28        | 6.738       | 1768          | 1772        | 1775         | rVB3     | 739            | 590           | 0.04%           | 0.005%        |
| 29        | 6.757       | 1775          | 1778        | 1782         | rBV4     | 689            | 410           | 0.02%           | 0.003%        |
| 30        | 6.873       | 1808          | 1814        | 1815         | rBV2     | 993            | 782           | 0.05%           | 0.006%        |
| 31        | 6.912       | 1815          | 1826        | 1855         | rVV      | 210733         | 405192        | 24.05%          | 3.130%        |
| 32        | 7.169       | 1902          | 1906        | 1908         | rBV5     | 812            | 697           | 0.04%           | 0.005%        |
| 33        | 7.240       | 1916          | 1928        | 1949         | rBV      | 734635         | 1296732       | 76.97%          | 10.017%       |
| 34        | 7.551       | 2016          | 2025        | 2047         | rBV      | 135799         | 250979        | 14.90%          | 1.939%        |
| 35        | 7.799       | 2100          | 2102        | 2107         | rVB6     | 1320           | 806           | 0.05%           | 0.006%        |
| 36        | 7.834       | 2111          | 2113        | 2116         | rVB2     | 1014           | 531           | 0.03%           | 0.004%        |

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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\_V\Method\SFAMVLM080224WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |         |        |         |
|----|--------|------|------|------|------|--------|---------|--------|---------|
| 37 | 7.905  | 2131 | 2135 | 2136 | rBV4 | 847    | 518     | 0.03%  | 0.004%  |
| 38 | 7.963  | 2150 | 2153 | 2155 | rBV2 | 871    | 497     | 0.03%  | 0.004%  |
| 39 | 8.027  | 2163 | 2173 | 2211 | rBV2 | 255026 | 565537  | 33.57% | 4.369%  |
| 40 | 8.442  | 2298 | 2302 | 2306 | rBV3 | 992    | 807     | 0.05%  | 0.006%  |
| 41 | 8.535  | 2327 | 2331 | 2332 | rBV2 | 984    | 595     | 0.04%  | 0.005%  |
| 42 | 8.664  | 2369 | 2371 | 2375 | rVB3 | 1301   | 674     | 0.04%  | 0.005%  |
| 43 | 8.728  | 2389 | 2391 | 2395 | rVB2 | 772    | 435     | 0.03%  | 0.003%  |
| 44 | 8.780  | 2395 | 2407 | 2440 | rBV  | 840688 | 1385360 | 82.23% | 10.702% |
| 45 | 9.085  | 2496 | 2502 | 2511 | rBV9 | 2844   | 4649    | 0.28%  | 0.036%  |
| 46 | 9.178  | 2527 | 2531 | 2533 | rBV4 | 834    | 737     | 0.04%  | 0.006%  |
| 47 | 9.217  | 2540 | 2543 | 2547 | rVB5 | 993    | 619     | 0.04%  | 0.005%  |
| 48 | 9.346  | 2579 | 2583 | 2585 | rBV2 | 582    | 357     | 0.02%  | 0.003%  |
| 49 | 9.368  | 2588 | 2590 | 2593 | rVB3 | 733    | 442     | 0.03%  | 0.003%  |
| 50 | 9.487  | 2620 | 2627 | 2628 | rBV6 | 1934   | 1827    | 0.11%  | 0.014%  |
| 51 | 9.535  | 2639 | 2642 | 2646 | rVB4 | 878    | 446     | 0.03%  | 0.003%  |
| 52 | 9.629  | 2667 | 2671 | 2674 | rBV3 | 1338   | 1064    | 0.06%  | 0.008%  |
| 53 | 9.661  | 2678 | 2681 | 2685 | rVB4 | 574    | 365     | 0.02%  | 0.003%  |
| 54 | 9.831  | 2731 | 2734 | 2738 | rVB3 | 675    | 468     | 0.03%  | 0.004%  |
| 55 | 9.857  | 2738 | 2742 | 2743 | rBV3 | 509    | 382     | 0.02%  | 0.003%  |
| 56 | 9.985  | 2776 | 2782 | 2785 | rBV6 | 566    | 715     | 0.04%  | 0.006%  |
| 57 | 10.021 | 2789 | 2793 | 2799 | rVB5 | 777    | 825     | 0.05%  | 0.006%  |
| 58 | 10.149 | 2819 | 2833 | 2849 | rBV  | 391607 | 612199  | 36.34% | 4.729%  |
| 59 | 10.352 | 2894 | 2896 | 2900 | rVB5 | 911    | 644     | 0.04%  | 0.005%  |
| 60 | 10.381 | 2903 | 2905 | 2908 | rBV3 | 599    | 357     | 0.02%  | 0.003%  |
| 61 | 10.464 | 2926 | 2931 | 2934 | rBV5 | 837    | 754     | 0.04%  | 0.006%  |
| 62 | 10.481 | 2934 | 2936 | 2942 | rVB4 | 760    | 577     | 0.03%  | 0.004%  |
| 63 | 10.545 | 2951 | 2956 | 2961 | rVB5 | 816    | 758     | 0.04%  | 0.006%  |
| 64 | 10.628 | 2979 | 2982 | 2986 | rBV2 | 1000   | 664     | 0.04%  | 0.005%  |
| 65 | 10.667 | 2992 | 2994 | 2997 | rVB2 | 631    | 354     | 0.02%  | 0.003%  |
| 66 | 10.754 | 3018 | 3021 | 3022 | rBV2 | 776    | 421     | 0.02%  | 0.003%  |
| 67 | 10.796 | 3031 | 3034 | 3038 | rBV3 | 740    | 876     | 0.05%  | 0.007%  |
| 68 | 10.934 | 3075 | 3077 | 3079 | rBV2 | 1050   | 419     | 0.02%  | 0.003%  |
| 69 | 10.956 | 3082 | 3084 | 3088 | rVB  | 822    | 430     | 0.03%  | 0.003%  |
| 70 | 10.985 | 3088 | 3093 | 3096 | rBV3 | 544    | 520     | 0.03%  | 0.004%  |
| 71 | 11.117 | 3131 | 3134 | 3135 | rBV2 | 827    | 453     | 0.03%  | 0.003%  |
| 72 | 11.181 | 3143 | 3154 | 3190 | rBV  | 873202 | 1374167 | 81.56% | 10.616% |
| 73 | 11.477 | 3234 | 3246 | 3259 | rBV2 | 66054  | 139476  | 8.28%  | 1.077%  |
| 74 | 11.554 | 3260 | 3270 | 3303 | rVB  | 770738 | 1254491 | 74.46% | 9.691%  |
| 75 | 12.053 | 3423 | 3425 | 3427 | rBV2 | 765    | 449     | 0.03%  | 0.003%  |
| 76 | 12.191 | 3466 | 3468 | 3473 | rBV4 | 735    | 739     | 0.04%  | 0.006%  |

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Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 E0AC2

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\_V\Method\SFAMVLM080224WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |      |      |       |        |
|-----|--------|------|------|------|------|------|------|-------|--------|
| 77  | 12.271 | 3489 | 3493 | 3496 | rBV5 | 812  | 712  | 0.04% | 0.006% |
| 78  | 12.442 | 3542 | 3546 | 3550 | rBV6 | 550  | 606  | 0.04% | 0.005% |
| 79  | 12.651 | 3608 | 3611 | 3613 | rBV3 | 940  | 691  | 0.04% | 0.005% |
| 80  | 12.828 | 3661 | 3666 | 3667 | rBV4 | 1261 | 1009 | 0.06% | 0.008% |
| 81  | 12.882 | 3681 | 3683 | 3688 | rVB6 | 748  | 505  | 0.03% | 0.004% |
| 82  | 12.943 | 3697 | 3702 | 3703 | rBV2 | 963  | 631  | 0.04% | 0.005% |
| 83  | 12.979 | 3709 | 3713 | 3717 | rBV7 | 891  | 791  | 0.05% | 0.006% |
| 84  | 13.079 | 3741 | 3744 | 3746 | rBV3 | 842  | 506  | 0.03% | 0.004% |
| 85  | 13.114 | 3750 | 3755 | 3759 | rBV4 | 792  | 894  | 0.05% | 0.007% |
| 86  | 13.297 | 3808 | 3812 | 3814 | rBV3 | 679  | 538  | 0.03% | 0.004% |
| 87  | 13.381 | 3836 | 3838 | 3843 | rBV4 | 741  | 559  | 0.03% | 0.004% |
| 88  | 13.452 | 3856 | 3860 | 3863 | rBV5 | 1838 | 1834 | 0.11% | 0.014% |
| 89  | 13.821 | 3971 | 3975 | 3976 | rBV4 | 799  | 652  | 0.04% | 0.005% |
| 90  | 13.866 | 3986 | 3989 | 3992 | rBV6 | 926  | 703  | 0.04% | 0.005% |
| 91  | 13.911 | 4001 | 4003 | 4007 | rBV5 | 749  | 566  | 0.03% | 0.004% |
| 92  | 13.927 | 4007 | 4008 | 4012 | rVB2 | 901  | 506  | 0.03% | 0.004% |
| 93  | 14.024 | 4036 | 4038 | 4043 | rVB3 | 973  | 788  | 0.05% | 0.006% |
| 94  | 14.181 | 4084 | 4087 | 4090 | rBV4 | 1015 | 839  | 0.05% | 0.006% |
| 95  | 14.284 | 4114 | 4119 | 4122 | rBV6 | 878  | 865  | 0.05% | 0.007% |
| 96  | 14.554 | 4201 | 4203 | 4209 | rBV4 | 704  | 787  | 0.05% | 0.006% |
| 97  | 14.583 | 4210 | 4212 | 4215 | rVV2 | 1185 | 763  | 0.05% | 0.006% |
| 98  | 14.606 | 4217 | 4219 | 4221 | rVB3 | 936  | 410  | 0.02% | 0.003% |
| 99  | 14.686 | 4240 | 4244 | 4245 | rBV3 | 997  | 692  | 0.04% | 0.005% |
| 100 | 14.763 | 4265 | 4268 | 4269 | rBV2 | 1265 | 757  | 0.04% | 0.006% |

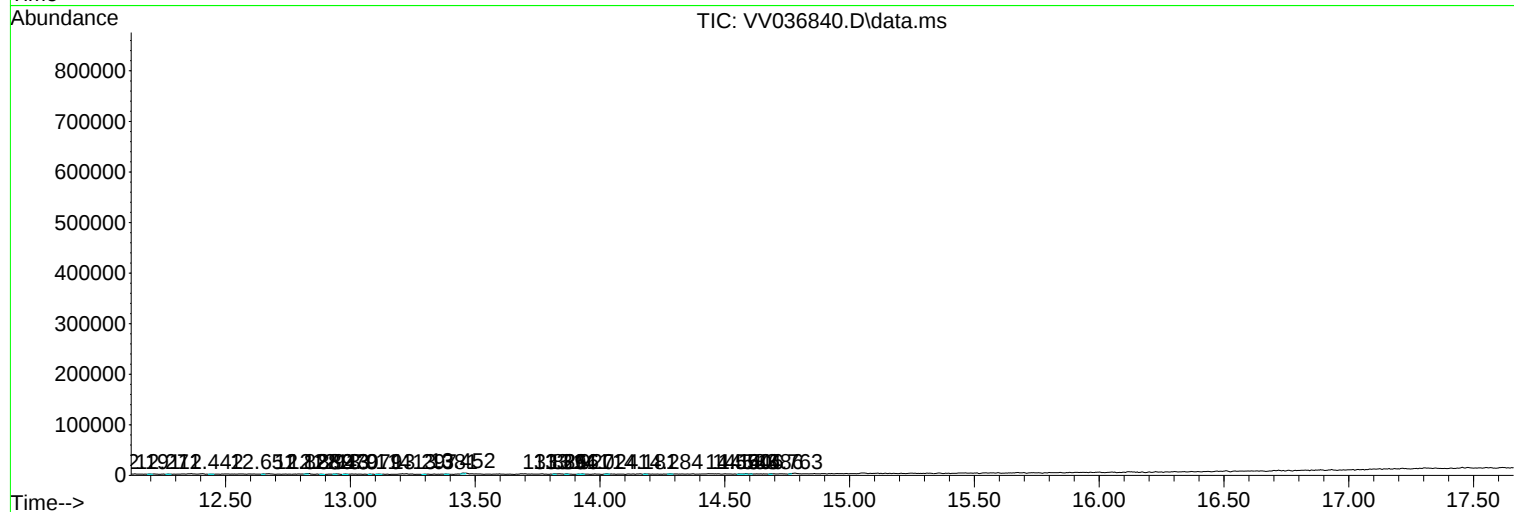
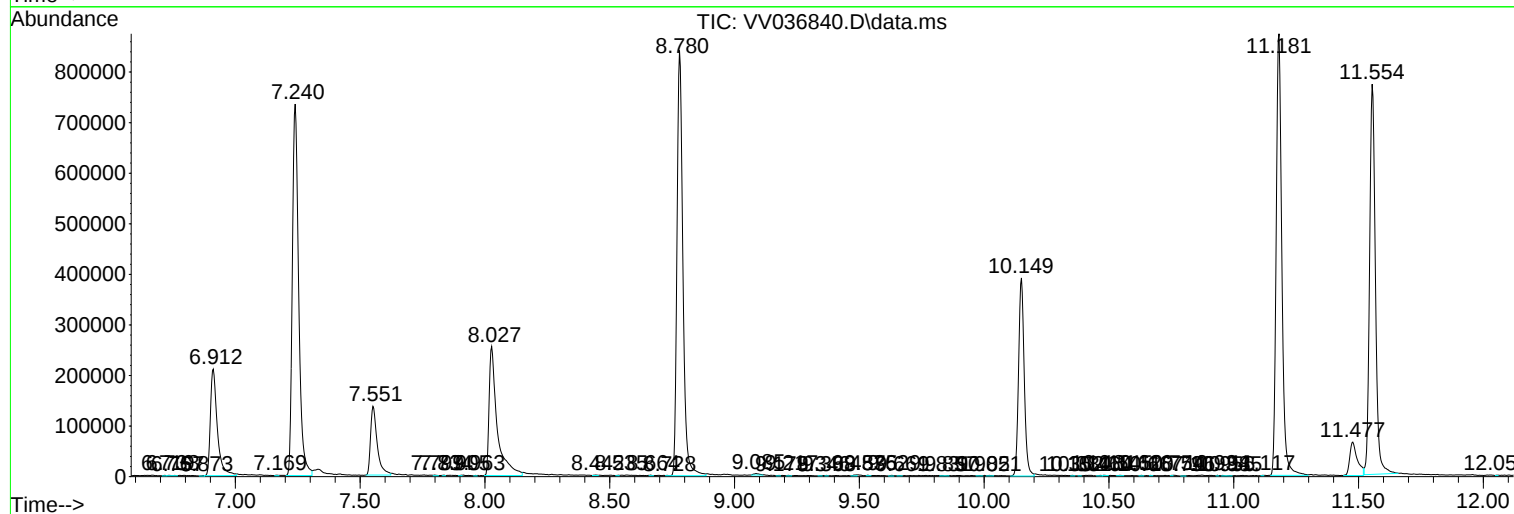
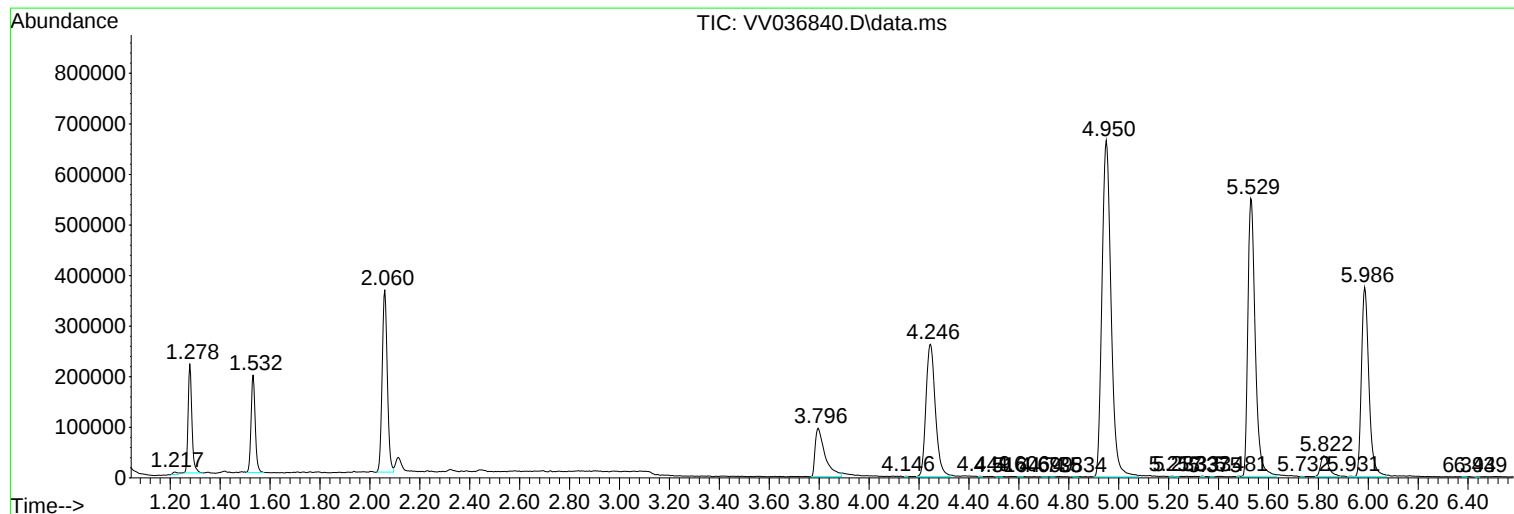
Sum of corrected areas: 12944805

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Instrument :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM080224WMA.M  
Quant Title : VOC Analysis

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



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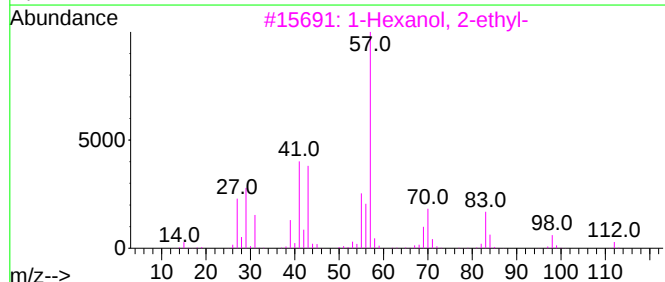
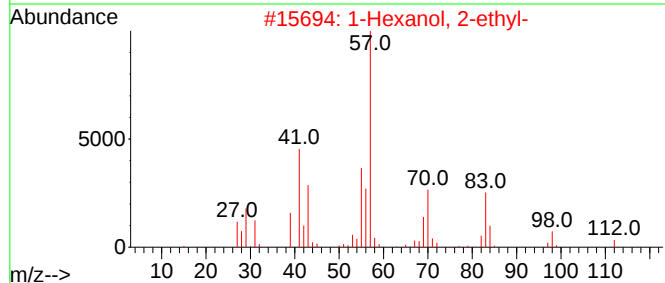
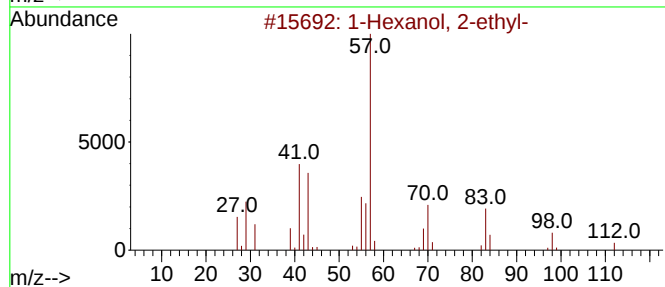
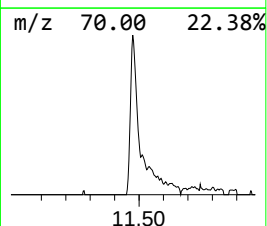
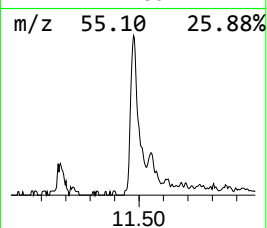
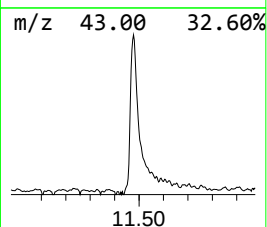
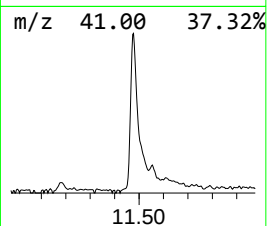
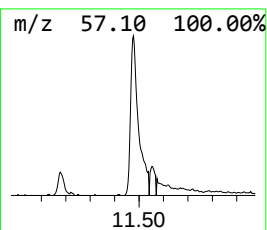
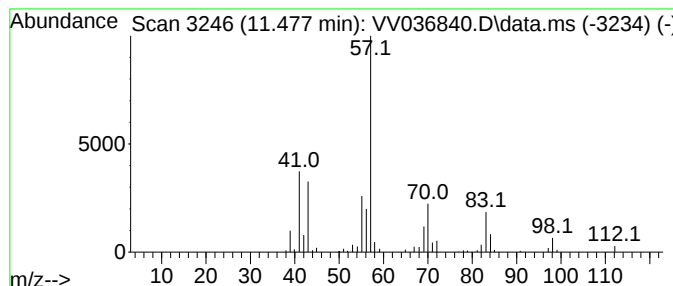
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM080224WMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 2

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 11.477 | 5.07 ug/L | 139476 | 1,4-Dichlorobenzene-d4 | 11.182 |

| Hit# | of                  | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|---------------------|---|--------------|-----|---------|-------------|------|
| 1    | 1-Hexanol, 2-ethyl- |   |              | 130 | C8H18O  | 000104-76-7 | 90   |
| 2    | 1-Hexanol, 2-ethyl- |   |              | 130 | C8H18O  | 000104-76-7 | 78   |
| 3    | 1-Hexanol, 2-ethyl- |   |              | 130 | C8H18O  | 000104-76-7 | 78   |
| 4    | 1-Hexanol, 2-ethyl- |   |              | 130 | C8H18O  | 000104-76-7 | 72   |
| 5    | 1-Hexanol, 2-ethyl- |   |              | 130 | C8H18O  | 000104-76-7 | 64   |



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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| 1-Hexanol, 2-et... | 11.477 | 5.1     | ug/L  | 139476   | 3                     | 11.182 | 1374170 | 50.0 |