

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV080724\  
 Data File : VV036830.D  
 Acq On : 07 Aug 2024 11:26  
 Operator : SY/MD  
 Sample : P3480-05  
 Misc : 5.00mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 E0AD3

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: VV036830.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         | 1.278       | 67            | 74          | 88           | rBV      | 238306         | 252422        | 13.50%          | 1.777%        |
| 2         | 1.532       | 146           | 153         | 167          | rVB      | 207771         | 237183        | 12.68%          | 1.669%        |
| 3         | 2.060       | 307           | 317         | 328          | rBV      | 402748         | 580074        | 31.01%          | 4.083%        |
| 4         | 2.114       | 329           | 334         | 345          | rVB      | 31773          | 45653         | 2.44%           | 0.321%        |
| 5         | 3.645       | 807           | 810         | 813          | rBV3     | 852            | 598           | 0.03%           | 0.004%        |
| 6         | 3.712       | 829           | 831         | 834          | rVB3     | 860            | 450           | 0.02%           | 0.003%        |
| 7         | 3.799       | 848           | 858         | 891          | rBV      | 104711         | 304393        | 16.27%          | 2.142%        |
| 8         | 4.149       | 965           | 967         | 971          | rBV4     | 552            | 327           | 0.02%           | 0.002%        |
| 9         | 4.246       | 981           | 997         | 1026         | rBV      | 292607         | 742851        | 39.72%          | 5.228%        |
| 10        | 4.526       | 1079          | 1084        | 1088         | rBV6     | 818            | 1119          | 0.06%           | 0.008%        |
| 11        | 4.574       | 1095          | 1099        | 1102         | rBV5     | 599            | 478           | 0.03%           | 0.003%        |
| 12        | 4.786       | 1162          | 1165        | 1166         | rBV2     | 777            | 385           | 0.02%           | 0.003%        |
| 13        | 4.950       | 1199          | 1216        | 1256         | rBV2     | 744723         | 1870402       | 100.00%         | 13.164%       |
| 14        | 5.214       | 1296          | 1298        | 1300         | rBV3     | 952            | 436           | 0.02%           | 0.003%        |
| 15        | 5.339       | 1335          | 1337        | 1341         | rBV4     | 917            | 632           | 0.03%           | 0.004%        |
| 16        | 5.378       | 1346          | 1349        | 1354         | rVB6     | 707            | 546           | 0.03%           | 0.004%        |
| 17        | 5.423       | 1360          | 1363        | 1365         | rVB3     | 717            | 359           | 0.02%           | 0.003%        |
| 18        | 5.529       | 1385          | 1396        | 1433         | rBV      | 573404         | 1175250       | 62.83%          | 8.271%        |
| 19        | 5.821       | 1474          | 1487        | 1508         | rBV      | 46163          | 104633        | 5.59%           | 0.736%        |
| 20        | 5.985       | 1525          | 1538        | 1570         | rBV      | 416820         | 859366        | 45.95%          | 6.048%        |
| 21        | 6.339       | 1646          | 1648        | 1649         | rBV      | 894            | 364           | 0.02%           | 0.003%        |
| 22        | 6.407       | 1666          | 1669        | 1670         | rBV3     | 809            | 483           | 0.03%           | 0.003%        |
| 23        | 6.522       | 1701          | 1705        | 1707         | rVV3     | 514            | 407           | 0.02%           | 0.003%        |
| 24        | 6.538       | 1707          | 1710        | 1715         | rVB3     | 1269           | 930           | 0.05%           | 0.007%        |
| 25        | 6.564       | 1715          | 1718        | 1723         | rBV5     | 655            | 515           | 0.03%           | 0.004%        |
| 26        | 6.693       | 1755          | 1758        | 1761         | rVB4     | 804            | 412           | 0.02%           | 0.003%        |
| 27        | 6.741       | 1771          | 1773        | 1777         | rBV5     | 459            | 390           | 0.02%           | 0.003%        |
| 28        | 6.844       | 1801          | 1805        | 1807         | rBV4     | 568            | 381           | 0.02%           | 0.003%        |
| 29        | 6.911       | 1816          | 1826        | 1856         | rBV      | 240463         | 457859        | 24.48%          | 3.222%        |
| 30        | 7.239       | 1915          | 1928        | 1950         | rBV      | 826621         | 1455172       | 77.80%          | 10.241%       |
| 31        | 7.551       | 2016          | 2025        | 2056         | rBV      | 156073         | 287959        | 15.40%          | 2.027%        |
| 32        | 7.818       | 2106          | 2108        | 2109         | rBV2     | 742            | 329           | 0.02%           | 0.002%        |
| 33        | 7.860       | 2118          | 2121        | 2123         | rBV3     | 673            | 388           | 0.02%           | 0.003%        |
| 34        | 7.873       | 2123          | 2125        | 2131         | rVB3     | 802            | 742           | 0.04%           | 0.005%        |
| 35        | 7.905       | 2133          | 2135        | 2138         | rBV4     | 669            | 483           | 0.03%           | 0.003%        |
| 36        | 7.969       | 2153          | 2155        | 2159         | rVB3     | 683            | 440           | 0.02%           | 0.003%        |

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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 | 8.027  | 2159 | 2173 | 2226 | rBV3 | 286604 | 648377  | 34.67% | 4.563%  |
| 38 | 8.535  | 2329 | 2331 | 2334 | rBV5 | 532    | 354     | 0.02%  | 0.002%  |
| 39 | 8.712  | 2383 | 2386 | 2388 | rBV2 | 576    | 352     | 0.02%  | 0.002%  |
| 40 | 8.780  | 2395 | 2407 | 2435 | rBV  | 867132 | 1432933 | 76.61% | 10.085% |
| 41 | 9.079  | 2497 | 2500 | 2503 | rBV4 | 2228   | 1871    | 0.10%  | 0.013%  |
| 42 | 9.185  | 2531 | 2533 | 2537 | rVB4 | 722    | 473     | 0.03%  | 0.003%  |
| 43 | 9.217  | 2541 | 2543 | 2547 | rVB5 | 487    | 329     | 0.02%  | 0.002%  |
| 44 | 9.329  | 2574 | 2578 | 2580 | rBV3 | 713    | 543     | 0.03%  | 0.004%  |
| 45 | 9.352  | 2582 | 2585 | 2588 | rBV3 | 669    | 431     | 0.02%  | 0.003%  |
| 46 | 9.493  | 2616 | 2629 | 2632 | rBV9 | 2244   | 3623    | 0.19%  | 0.025%  |
| 47 | 9.535  | 2640 | 2642 | 2645 | rVB4 | 772    | 465     | 0.02%  | 0.003%  |
| 48 | 9.680  | 2684 | 2687 | 2692 | rVB6 | 684    | 568     | 0.03%  | 0.004%  |
| 49 | 9.767  | 2710 | 2714 | 2715 | rBV3 | 731    | 396     | 0.02%  | 0.003%  |
| 50 | 9.776  | 2715 | 2717 | 2721 | rVB5 | 541    | 435     | 0.02%  | 0.003%  |
| 51 | 9.869  | 2741 | 2746 | 2750 | rVV5 | 1052   | 1279    | 0.07%  | 0.009%  |
| 52 | 9.895  | 2750 | 2754 | 2757 | rVV4 | 1015   | 733     | 0.04%  | 0.005%  |
| 53 | 9.940  | 2763 | 2768 | 2770 | rBV4 | 608    | 550     | 0.03%  | 0.004%  |
| 54 | 10.033 | 2793 | 2797 | 2799 | rBV4 | 665    | 473     | 0.03%  | 0.003%  |
| 55 | 10.149 | 2819 | 2833 | 2851 | rBV  | 416892 | 672951  | 35.98% | 4.736%  |
| 56 | 10.336 | 2887 | 2891 | 2892 | rBV3 | 762    | 609     | 0.03%  | 0.004%  |
| 57 | 10.400 | 2904 | 2911 | 2914 | rBV6 | 995    | 1314    | 0.07%  | 0.009%  |
| 58 | 10.484 | 2931 | 2937 | 2941 | rBV6 | 791    | 1009    | 0.05%  | 0.007%  |
| 59 | 10.574 | 2962 | 2965 | 2968 | rVB2 | 763    | 336     | 0.02%  | 0.002%  |
| 60 | 10.593 | 2968 | 2971 | 2974 | rVB  | 668    | 389     | 0.02%  | 0.003%  |
| 61 | 10.622 | 2974 | 2980 | 2985 | rBV5 | 758    | 979     | 0.05%  | 0.007%  |
| 62 | 10.648 | 2985 | 2988 | 2991 | rBV4 | 487    | 382     | 0.02%  | 0.003%  |
| 63 | 10.718 | 3006 | 3010 | 3011 | rBV3 | 733    | 475     | 0.03%  | 0.003%  |
| 64 | 10.744 | 3016 | 3018 | 3020 | rVV4 | 706    | 334     | 0.02%  | 0.002%  |
| 65 | 10.757 | 3020 | 3022 | 3027 | rVB6 | 818    | 562     | 0.03%  | 0.004%  |
| 66 | 10.818 | 3037 | 3041 | 3044 | rBV3 | 773    | 760     | 0.04%  | 0.005%  |
| 67 | 10.860 | 3049 | 3054 | 3060 | rBV4 | 1419   | 1994    | 0.11%  | 0.014%  |
| 68 | 10.998 | 3090 | 3097 | 3099 | rBV4 | 578    | 498     | 0.03%  | 0.004%  |
| 69 | 11.037 | 3106 | 3109 | 3112 | rVB4 | 930    | 513     | 0.03%  | 0.004%  |
| 70 | 11.075 | 3117 | 3121 | 3126 | rBV5 | 548    | 482     | 0.03%  | 0.003%  |
| 71 | 11.127 | 3134 | 3137 | 3138 | rBV3 | 1046   | 504     | 0.03%  | 0.004%  |
| 72 | 11.181 | 3143 | 3154 | 3179 | rBV  | 900477 | 1426958 | 76.29% | 10.043% |
| 73 | 11.387 | 3213 | 3218 | 3222 | rBV5 | 838    | 802     | 0.04%  | 0.006%  |
| 74 | 11.474 | 3234 | 3245 | 3260 | rBV  | 96207  | 207639  | 11.10% | 1.461%  |
| 75 | 11.554 | 3261 | 3270 | 3298 | rVB  | 864057 | 1391861 | 74.42% | 9.796%  |
| 76 | 12.072 | 3427 | 3431 | 3436 | rBV4 | 836    | 825     | 0.04%  | 0.006%  |

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

|     |        |      |      |      |      |      |      |       |        |
|-----|--------|------|------|------|------|------|------|-------|--------|
| 77  | 12.326 | 3508 | 3510 | 3513 | rVB3 | 804  | 317  | 0.02% | 0.002% |
| 78  | 12.467 | 3551 | 3554 | 3556 | rBV3 | 672  | 432  | 0.02% | 0.003% |
| 79  | 12.590 | 3588 | 3592 | 3595 | rBV5 | 1422 | 1245 | 0.07% | 0.009% |
| 80  | 12.731 | 3631 | 3636 | 3637 | rBV3 | 691  | 516  | 0.03% | 0.004% |
| 81  | 12.770 | 3646 | 3648 | 3652 | rVB5 | 582  | 407  | 0.02% | 0.003% |
| 82  | 12.972 | 3708 | 3711 | 3714 | rBV3 | 926  | 617  | 0.03% | 0.004% |
| 83  | 13.120 | 3754 | 3757 | 3759 | rBV3 | 704  | 473  | 0.03% | 0.003% |
| 84  | 13.149 | 3763 | 3766 | 3768 | rBV5 | 831  | 576  | 0.03% | 0.004% |
| 85  | 13.197 | 3779 | 3781 | 3782 | rBV2 | 937  | 356  | 0.02% | 0.003% |
| 86  | 13.213 | 3783 | 3786 | 3789 | rVB4 | 1279 | 805  | 0.04% | 0.006% |
| 87  | 13.374 | 3833 | 3836 | 3838 | rBV2 | 746  | 558  | 0.03% | 0.004% |
| 88  | 13.387 | 3838 | 3840 | 3843 | rVB4 | 802  | 423  | 0.02% | 0.003% |
| 89  | 13.451 | 3854 | 3860 | 3861 | rBV6 | 3402 | 3121 | 0.17% | 0.022% |
| 90  | 13.577 | 3896 | 3899 | 3904 | rVB4 | 968  | 955  | 0.05% | 0.007% |
| 91  | 13.612 | 3905 | 3910 | 3913 | rBV5 | 798  | 897  | 0.05% | 0.006% |
| 92  | 13.647 | 3918 | 3921 | 3923 | rBV3 | 818  | 517  | 0.03% | 0.004% |
| 93  | 13.683 | 3930 | 3932 | 3935 | rBV3 | 851  | 596  | 0.03% | 0.004% |
| 94  | 13.853 | 3983 | 3985 | 3991 | rBV5 | 702  | 658  | 0.04% | 0.005% |
| 95  | 14.088 | 4054 | 4058 | 4059 | rBV4 | 707  | 433  | 0.02% | 0.003% |
| 96  | 14.165 | 4078 | 4082 | 4085 | rBV5 | 1047 | 991  | 0.05% | 0.007% |
| 97  | 14.310 | 4125 | 4127 | 4130 | rVB2 | 922  | 409  | 0.02% | 0.003% |
| 98  | 14.352 | 4136 | 4140 | 4145 | rBV7 | 977  | 1054 | 0.06% | 0.007% |
| 99  | 14.609 | 4218 | 4220 | 4224 | rVB5 | 1004 | 666  | 0.04% | 0.005% |
| 100 | 15.255 | 4419 | 4421 | 4423 | rBV4 | 1079 | 438  | 0.02% | 0.003% |

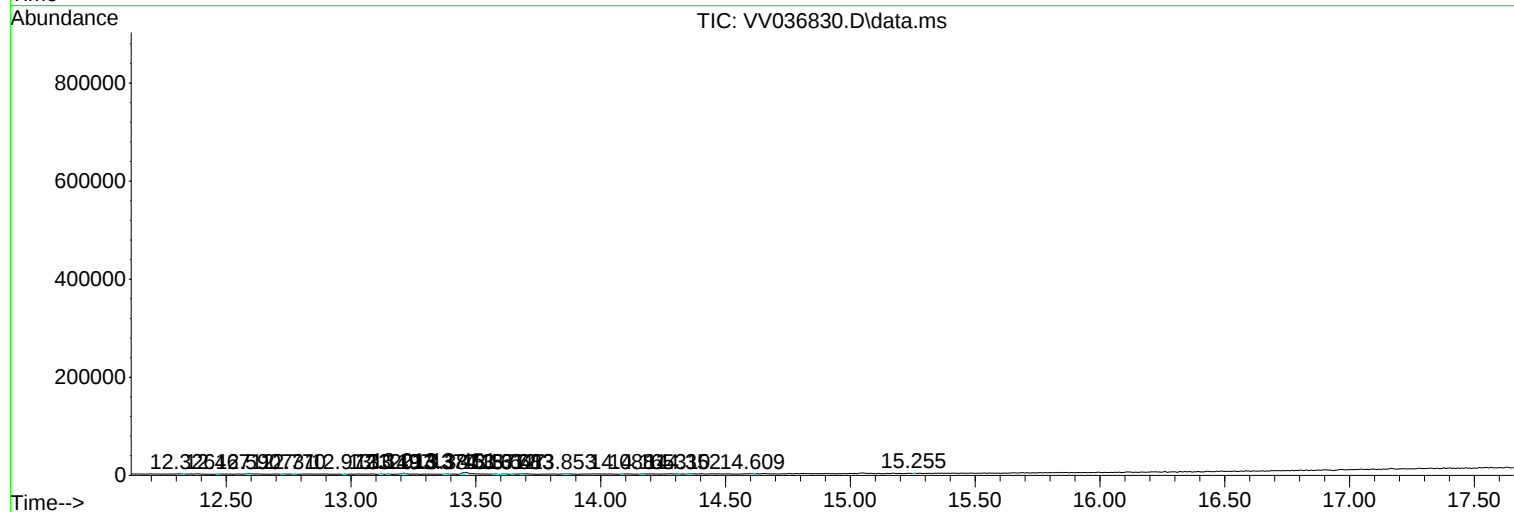
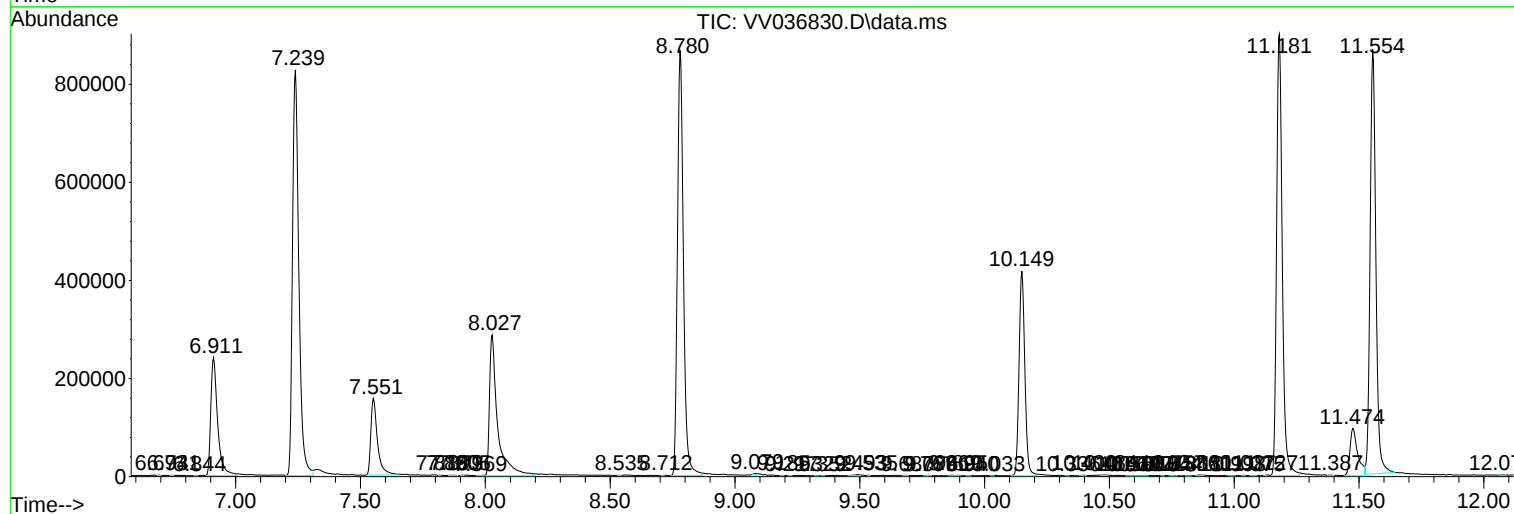
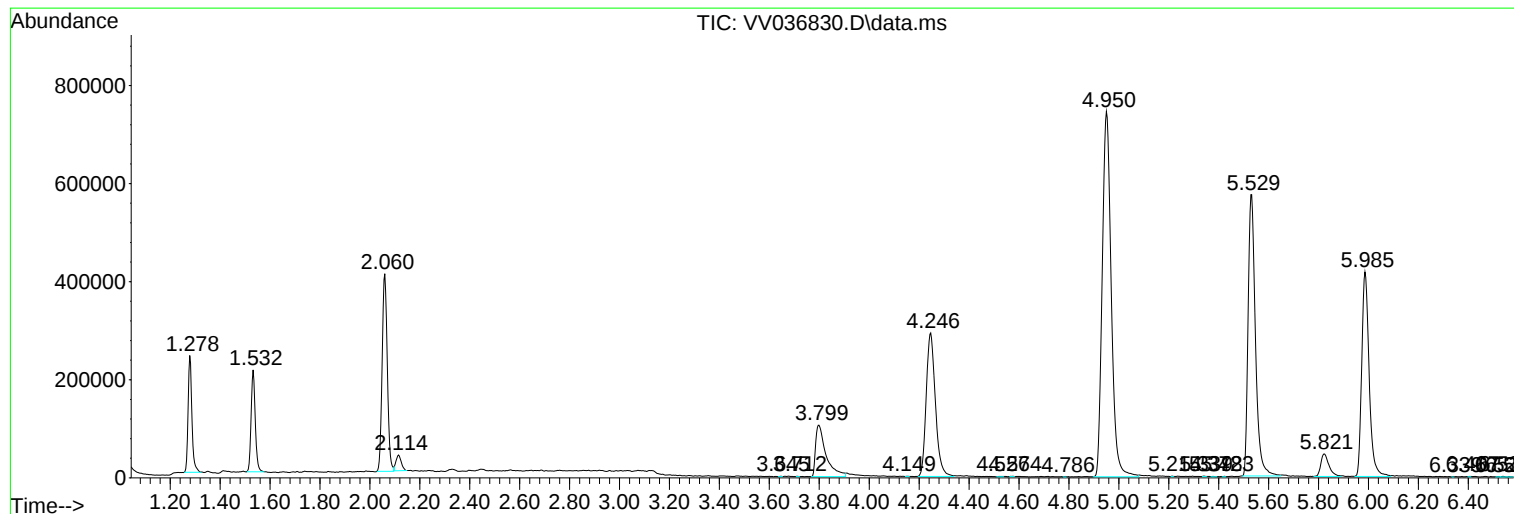
Sum of corrected areas: 14208632

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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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV080724\  
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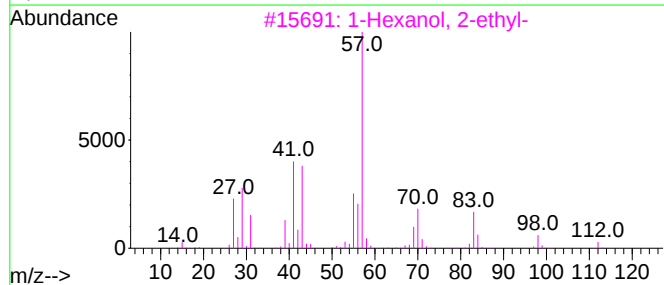
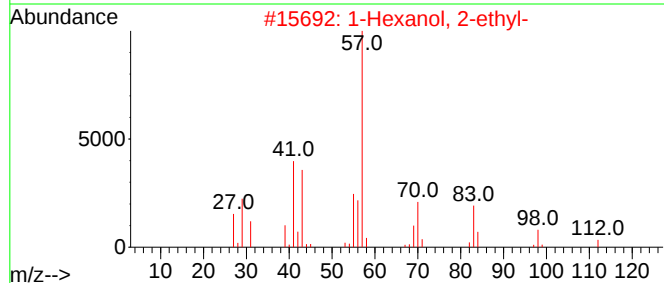
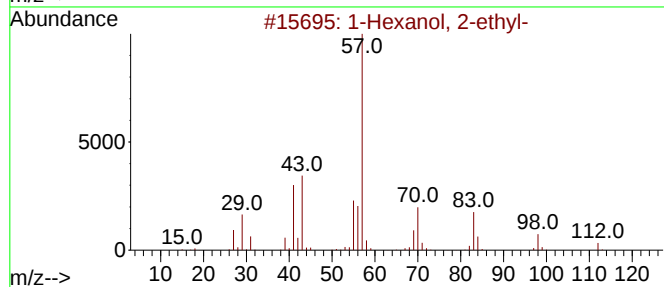
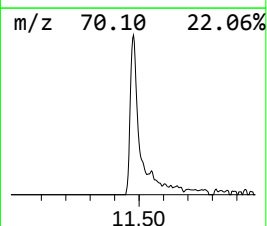
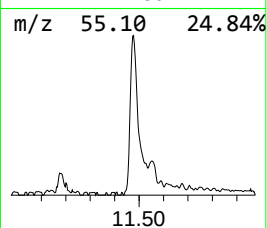
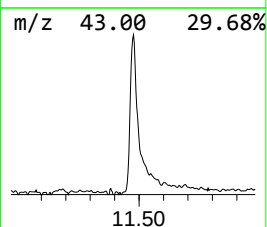
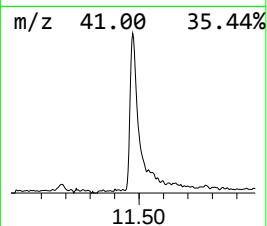
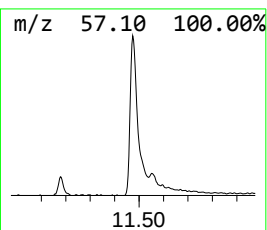
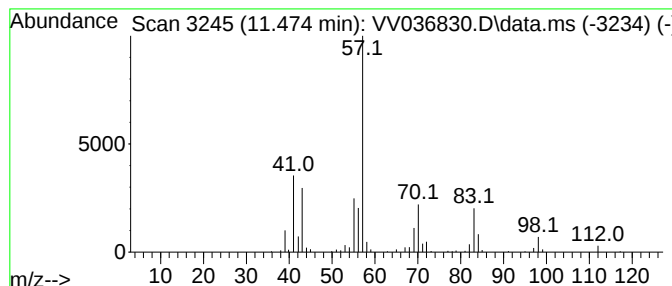
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM080224WMA.M  
Quant Title : VOC Analysis

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.   |
|--------|-----------|--------|------------------------|--------|
| 11.474 | 7.28 ug/L | 207639 | 1,4-Dichlorobenzene-d4 | 11.181 |

| 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  | 90   |
| 3    | 1-Hexanol, 2-ethyl-       |   |              | 130 | C8H18O  | 000104-76-7  | 90   |
| 4    | 1-Hexanol, 2-ethyl-       |   |              | 130 | C8H18O  | 000104-76-7  | 90   |
| 5    | 1-Isobutoxy-2-ethylhexane |   |              | 186 | C12H26O | 1000139-90-3 | 72   |



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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... | 11.474 | 7.3     | ug/L  | 207639   | 3                     | 11.181 | 1426960 | 50.0 |