

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV121523\  
 Data File : VV033425.D  
 Acq On : 16 Dec 2023 11:25  
 Operator : SY/MD  
 Sample : 05846-17  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 56 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 YCHJ4

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\SFAMVLM121523WMA.M

Title : VOC Analysis

Signal : TIC: VV033425.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         | 1.192       | 44            | 47          | 54           | rBV2     | 6106           | 5421          | 0.58%           | 0.073%        |
| 2         | 1.278       | 67            | 74          | 88           | rVB      | 129567         | 136908        | 14.54%          | 1.843%        |
| 3         | 1.532       | 146           | 153         | 164          | rVB      | 114091         | 135946        | 14.44%          | 1.830%        |
| 4         | 2.060       | 308           | 317         | 327          | rBV3     | 270549         | 433123        | 45.99%          | 5.832%        |
| 5         | 2.214       | 355           | 365         | 388          | rBV      | 455176         | 763222        | 81.05%          | 10.276%       |
| 6         | 2.744       | 526           | 530         | 535          | rBV7     | 1116           | 1306          | 0.14%           | 0.018%        |
| 7         | 2.908       | 579           | 581         | 583          | rBV3     | 1398           | 569           | 0.06%           | 0.008%        |
| 8         | 2.921       | 583           | 585         | 587          | rBV3     | 1027           | 504           | 0.05%           | 0.007%        |
| 9         | 3.034       | 617           | 620         | 621          | rBV3     | 1166           | 594           | 0.06%           | 0.008%        |
| 10        | 3.114       | 637           | 645         | 655          | rBV2     | 7157           | 14326         | 1.52%           | 0.193%        |
| 11        | 3.285       | 695           | 698         | 701          | rBV4     | 1166           | 984           | 0.10%           | 0.013%        |
| 12        | 3.439       | 741           | 746         | 750          | rVB6     | 1596           | 1816          | 0.19%           | 0.024%        |
| 13        | 3.465       | 750           | 754         | 755          | rBV3     | 1209           | 651           | 0.07%           | 0.009%        |
| 14        | 3.783       | 844           | 853         | 871          | rBV2     | 53018          | 142107        | 15.09%          | 1.913%        |
| 15        | 4.188       | 972           | 979         | 982          | rBV2     | 17559          | 24455         | 2.60%           | 0.329%        |
| 16        | 4.706       | 1137          | 1140        | 1146         | rVV7     | 1497           | 1482          | 0.16%           | 0.020%        |
| 17        | 4.761       | 1155          | 1157        | 1160         | rBV4     | 1004           | 506           | 0.05%           | 0.007%        |
| 18        | 4.957       | 1201          | 1218        | 1246         | rBV2     | 348349         | 941677        | 100.00%         | 12.679%       |
| 19        | 5.436       | 1365          | 1367        | 1369         | rBV3     | 1068           | 636           | 0.07%           | 0.009%        |
| 20        | 5.535       | 1387          | 1398        | 1426         | rBV      | 251960         | 522874        | 55.53%          | 7.040%        |
| 21        | 5.989       | 1526          | 1539        | 1568         | rBV      | 206712         | 429256        | 45.58%          | 5.779%        |
| 22        | 6.220       | 1608          | 1611        | 1613         | rBV5     | 1471           | 778           | 0.08%           | 0.010%        |
| 23        | 6.867       | 1810          | 1812        | 1815         | rBV3     | 979            | 496           | 0.05%           | 0.007%        |
| 24        | 6.912       | 1817          | 1826        | 1848         | rBV      | 99627          | 187504        | 19.91%          | 2.525%        |
| 25        | 7.243       | 1919          | 1929        | 1959         | rBV      | 394725         | 699570        | 74.29%          | 9.419%        |
| 26        | 7.551       | 2017          | 2025        | 2045         | rBV      | 73150          | 130191        | 13.83%          | 1.753%        |
| 27        | 7.966       | 2150          | 2154        | 2155         | rBV3     | 1039           | 698           | 0.07%           | 0.009%        |
| 28        | 8.024       | 2163          | 2172        | 2198         | rBV      | 181157         | 356283        | 37.83%          | 4.797%        |
| 29        | 8.407       | 2288          | 2291        | 2293         | rBV4     | 960            | 734           | 0.08%           | 0.010%        |
| 30        | 8.487       | 2314          | 2316        | 2320         | rVB5     | 1907           | 1115          | 0.12%           | 0.015%        |
| 31        | 8.683       | 2373          | 2377        | 2379         | rBV4     | 1416           | 1081          | 0.11%           | 0.015%        |
| 32        | 8.786       | 2398          | 2409        | 2431         | rVV      | 419441         | 698774        | 74.21%          | 9.408%        |
| 33        | 9.059       | 2491          | 2494        | 2496         | rBV3     | 1246           | 905           | 0.10%           | 0.012%        |
| 34        | 9.133       | 2513          | 2517        | 2521         | rVB6     | 1653           | 1322          | 0.14%           | 0.018%        |
| 35        | 9.149       | 2521          | 2522        | 2525         | rBV3     | 906            | 526           | 0.06%           | 0.007%        |
| 36        | 9.169       | 2525          | 2528        | 2529         | rBV3     | 1552           | 587           | 0.06%           | 0.008%        |

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 YCHJ4

Integration Parameters: LSCINT.P

Integrator: RTE

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Filtering: 5

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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\SFAMVLM121523WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |       |        |        |        |        |
|----|--------|------|------|------|-------|--------|--------|--------|--------|
| 37 | 9.207  | 2534 | 2540 | 2545 | rBV10 | 1666   | 2119   | 0.23%  | 0.029% |
| 38 | 9.458  | 2616 | 2618 | 2621 | rBV3  | 1234   | 593    | 0.06%  | 0.008% |
| 39 | 9.477  | 2621 | 2624 | 2627 | rBV4  | 1468   | 1215   | 0.13%  | 0.016% |
| 40 | 9.526  | 2638 | 2639 | 2645 | rVB5  | 1301   | 1191   | 0.13%  | 0.016% |
| 41 | 9.564  | 2645 | 2651 | 2652 | rBV6  | 1190   | 1167   | 0.12%  | 0.016% |
| 42 | 9.747  | 2706 | 2708 | 2712 | rVB5  | 1412   | 736    | 0.08%  | 0.010% |
| 43 | 9.767  | 2712 | 2714 | 2717 | rBV2  | 1111   | 523    | 0.06%  | 0.007% |
| 44 | 9.870  | 2741 | 2746 | 2749 | rBV7  | 1185   | 1045   | 0.11%  | 0.014% |
| 45 | 9.931  | 2761 | 2765 | 2768 | rBV5  | 1748   | 1110   | 0.12%  | 0.015% |
| 46 | 9.966  | 2768 | 2776 | 2783 | rBV5  | 1902   | 3814   | 0.41%  | 0.051% |
| 47 | 10.021 | 2790 | 2793 | 2796 | rBV4  | 1214   | 934    | 0.10%  | 0.013% |
| 48 | 10.153 | 2822 | 2834 | 2858 | rBV   | 285478 | 456547 | 48.48% | 6.147% |
| 49 | 10.288 | 2874 | 2876 | 2877 | rBV2  | 1114   | 552    | 0.06%  | 0.007% |
| 50 | 10.358 | 2896 | 2898 | 2900 | rBV4  | 1256   | 829    | 0.09%  | 0.011% |
| 51 | 10.468 | 2930 | 2932 | 2935 | rVB3  | 1278   | 749    | 0.08%  | 0.010% |
| 52 | 10.535 | 2951 | 2953 | 2957 | rBV5  | 1231   | 830    | 0.09%  | 0.011% |
| 53 | 10.606 | 2970 | 2975 | 2977 | rBV4  | 1241   | 1190   | 0.13%  | 0.016% |
| 54 | 10.712 | 3007 | 3008 | 3010 | rBV2  | 1254   | 608    | 0.06%  | 0.008% |
| 55 | 10.780 | 3025 | 3029 | 3032 | rBV5  | 1069   | 826    | 0.09%  | 0.011% |
| 56 | 10.841 | 3045 | 3048 | 3055 | rVB6  | 2050   | 1896   | 0.20%  | 0.026% |
| 57 | 10.882 | 3058 | 3061 | 3063 | rBV3  | 1039   | 666    | 0.07%  | 0.009% |
| 58 | 10.972 | 3085 | 3089 | 3093 | rVB7  | 1710   | 1423   | 0.15%  | 0.019% |
| 59 | 11.014 | 3098 | 3102 | 3103 | rBV4  | 1125   | 816    | 0.09%  | 0.011% |
| 60 | 11.185 | 3145 | 3155 | 3176 | rBV   | 388048 | 603364 | 64.07% | 8.124% |
| 61 | 11.484 | 3245 | 3248 | 3249 | rBV3  | 1115   | 630    | 0.07%  | 0.008% |
| 62 | 11.519 | 3256 | 3259 | 3260 | rBV3  | 1213   | 529    | 0.06%  | 0.007% |
| 63 | 11.561 | 3260 | 3272 | 3287 | rVV   | 427149 | 671890 | 71.35% | 9.046% |
| 64 | 11.915 | 3380 | 3382 | 3384 | rBV4  | 1570   | 880    | 0.09%  | 0.012% |
| 65 | 11.995 | 3405 | 3407 | 3410 | rBV3  | 1292   | 713    | 0.08%  | 0.010% |
| 66 | 12.069 | 3427 | 3430 | 3432 | rBV4  | 1507   | 978    | 0.10%  | 0.013% |
| 67 | 12.104 | 3439 | 3441 | 3444 | rVB4  | 1313   | 597    | 0.06%  | 0.008% |
| 68 | 12.140 | 3449 | 3452 | 3456 | rVB6  | 1168   | 674    | 0.07%  | 0.009% |
| 69 | 12.390 | 3525 | 3530 | 3534 | rVB6  | 1332   | 1102   | 0.12%  | 0.015% |
| 70 | 12.500 | 3560 | 3564 | 3565 | rBV3  | 1141   | 657    | 0.07%  | 0.009% |
| 71 | 12.570 | 3583 | 3586 | 3587 | rBV2  | 1084   | 615    | 0.07%  | 0.008% |
| 72 | 12.657 | 3610 | 3613 | 3616 | rBV4  | 895    | 626    | 0.07%  | 0.008% |
| 73 | 12.677 | 3616 | 3619 | 3620 | rBV3  | 1073   | 532    | 0.06%  | 0.007% |
| 74 | 12.802 | 3655 | 3658 | 3661 | rBV4  | 805    | 631    | 0.07%  | 0.008% |
| 75 | 12.940 | 3697 | 3701 | 3702 | rBV4  | 1183   | 892    | 0.09%  | 0.012% |
| 76 | 12.966 | 3706 | 3709 | 3711 | rVB5  | 1458   | 859    | 0.09%  | 0.012% |

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 ALS Vial : 56 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 YCHJ4

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\SFAMVLM121523WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |      |      |       |        |
|-----|--------|------|------|------|------|------|------|-------|--------|
| 77  | 13.075 | 3741 | 3743 | 3747 | rBV5 | 1509 | 1031 | 0.11% | 0.014% |
| 78  | 13.111 | 3751 | 3754 | 3756 | rBV4 | 1111 | 667  | 0.07% | 0.009% |
| 79  | 13.773 | 3958 | 3960 | 3963 | rVB4 | 1373 | 766  | 0.08% | 0.010% |
| 80  | 13.792 | 3963 | 3966 | 3968 | rBV3 | 864  | 561  | 0.06% | 0.008% |
|     |        |      |      |      |      |      |      |       |        |
| 81  | 13.850 | 3980 | 3984 | 3989 | rBV7 | 1348 | 1519 | 0.16% | 0.020% |
| 82  | 14.008 | 4031 | 4033 | 4036 | rBV3 | 1107 | 720  | 0.08% | 0.010% |
| 83  | 14.059 | 4046 | 4049 | 4050 | rBV2 | 971  | 496  | 0.05% | 0.007% |
| 84  | 14.136 | 4070 | 4073 | 4076 | rVB4 | 1122 | 758  | 0.08% | 0.010% |
| 85  | 14.165 | 4080 | 4082 | 4086 | rBV3 | 1246 | 989  | 0.11% | 0.013% |
|     |        |      |      |      |      |      |      |       |        |
| 86  | 14.252 | 4106 | 4109 | 4111 | rBV3 | 1126 | 767  | 0.08% | 0.010% |
| 87  | 14.271 | 4113 | 4115 | 4120 | rVB6 | 1268 | 844  | 0.09% | 0.011% |
| 88  | 14.323 | 4126 | 4131 | 4132 | rBV4 | 932  | 731  | 0.08% | 0.010% |
| 89  | 14.352 | 4138 | 4140 | 4145 | rBV5 | 1535 | 1164 | 0.12% | 0.016% |
| 90  | 14.374 | 4145 | 4147 | 4150 | rBV4 | 869  | 638  | 0.07% | 0.009% |
|     |        |      |      |      |      |      |      |       |        |
| 91  | 14.448 | 4166 | 4170 | 4174 | rBV5 | 1595 | 1751 | 0.19% | 0.024% |
| 92  | 14.503 | 4184 | 4187 | 4188 | rBV3 | 1761 | 915  | 0.10% | 0.012% |
| 93  | 14.680 | 4240 | 4242 | 4245 | rBV4 | 1406 | 835  | 0.09% | 0.011% |
| 94  | 14.808 | 4280 | 4282 | 4285 | rBV3 | 1112 | 490  | 0.05% | 0.007% |
| 95  | 14.921 | 4315 | 4317 | 4320 | rVB3 | 1745 | 919  | 0.10% | 0.012% |
|     |        |      |      |      |      |      |      |       |        |
| 96  | 14.937 | 4320 | 4322 | 4325 | rBV4 | 1061 | 528  | 0.06% | 0.007% |
| 97  | 14.953 | 4325 | 4327 | 4331 | rVB4 | 1800 | 871  | 0.09% | 0.012% |
| 98  | 14.992 | 4337 | 4339 | 4343 | rBV4 | 1164 | 1038 | 0.11% | 0.014% |
| 99  | 15.062 | 4359 | 4361 | 4366 | rBV5 | 711  | 611  | 0.06% | 0.008% |
| 100 | 16.149 | 4696 | 4699 | 4701 | rBV4 | 2232 | 1204 | 0.13% | 0.016% |

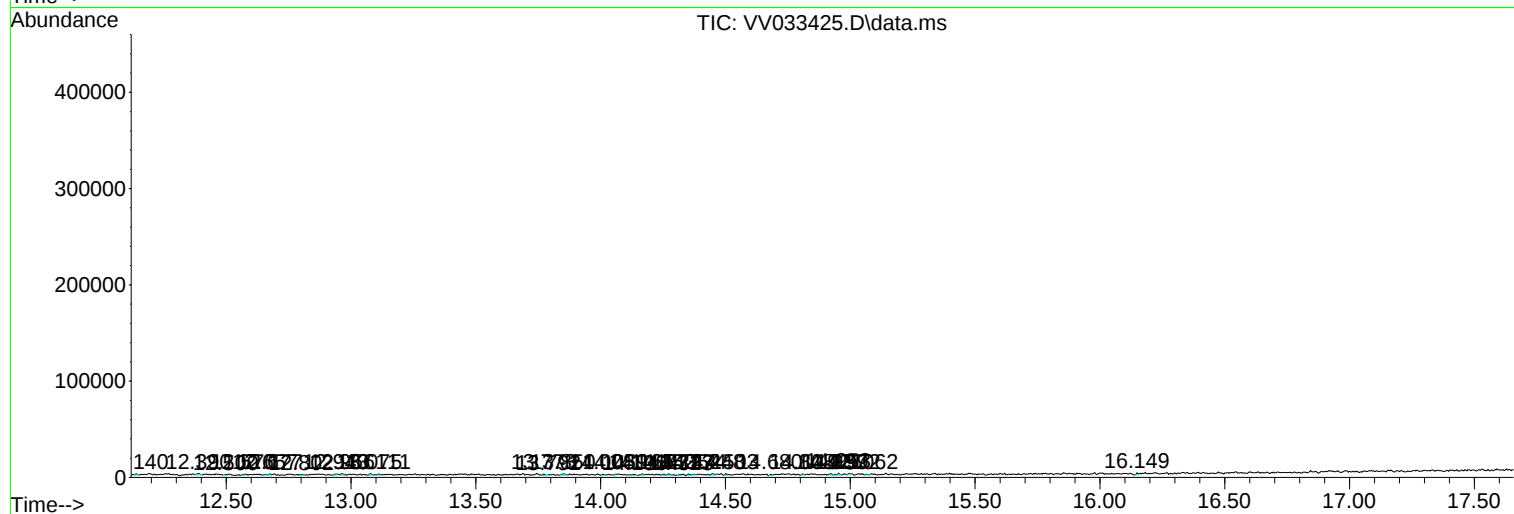
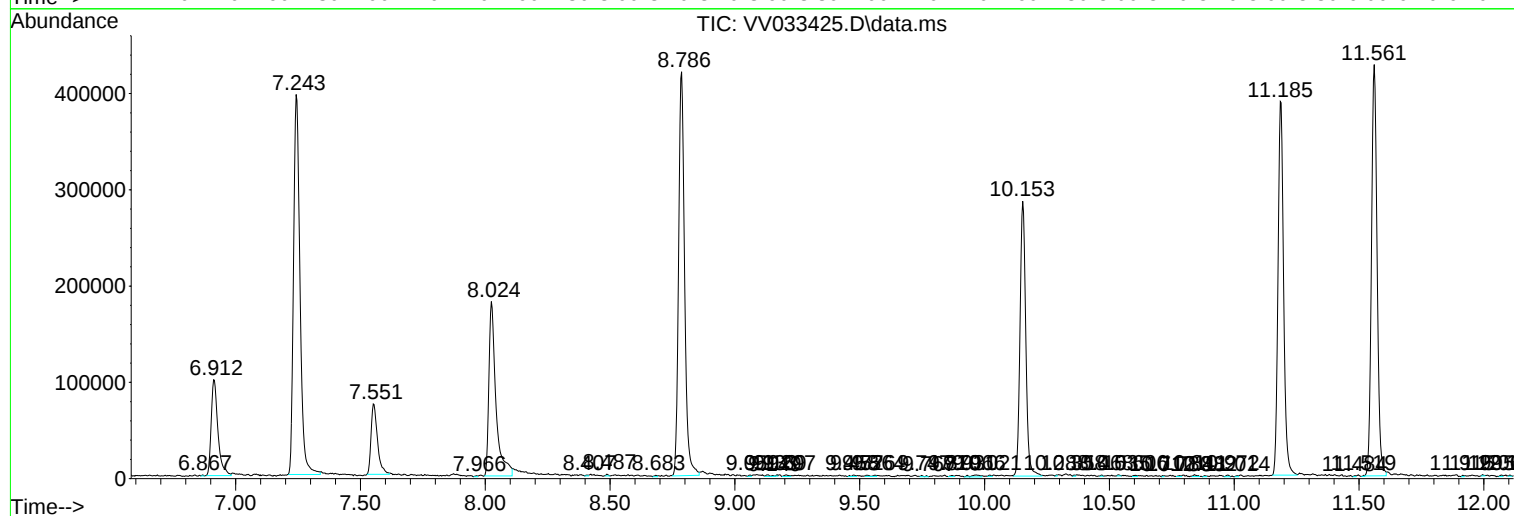
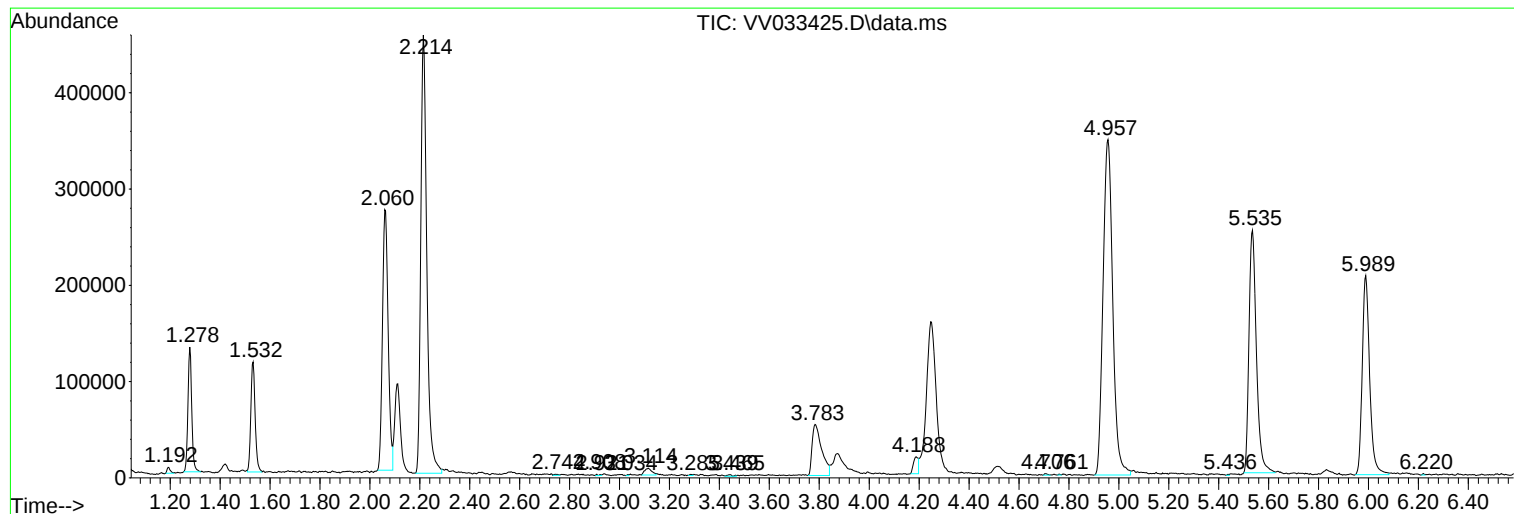
Sum of corrected areas: 7427288

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Instrument :  
MSVOA\_V  
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YCHJ4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM121523WMA.M  
Quant Title : VOC Analysis

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



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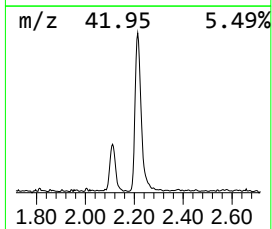
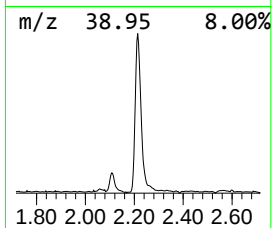
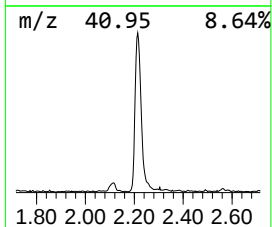
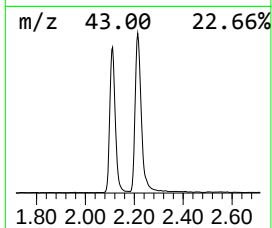
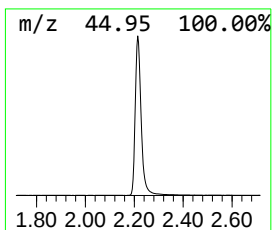
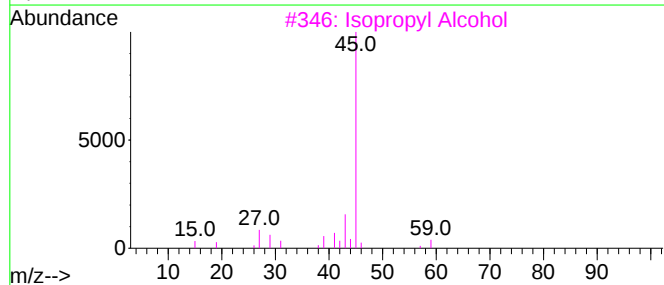
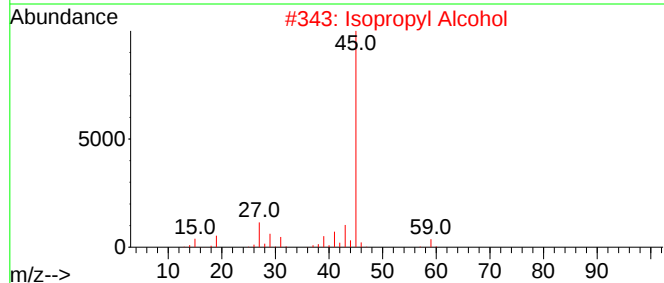
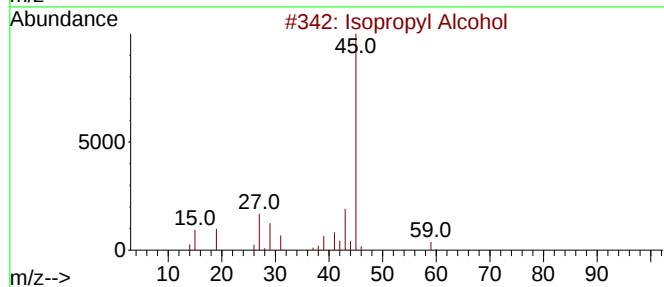
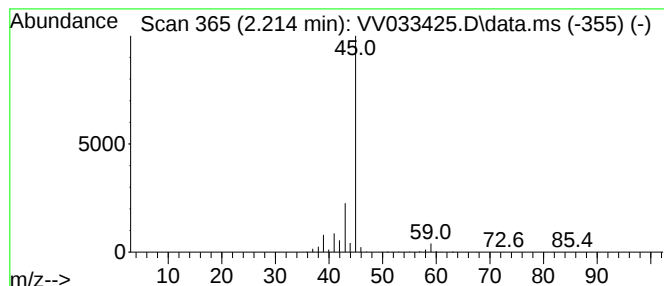
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM121523WMA.M  
Quant Title : VOC Analysis

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

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

| R.T.  | EstConc    | Area   | Relative to ISTD    | R.T.  |
|-------|------------|--------|---------------------|-------|
| 2.214 | 72.98 ug/L | 763222 | 1,4-Difluorobenzene | 5.535 |

| Hit# | of | 5 | Tentative ID             | MW | MolForm | CAS#        | Qual |
|------|----|---|--------------------------|----|---------|-------------|------|
| 1    |    |   | Isopropyl Alcohol        | 60 | C3H8O   | 000067-63-0 | 83   |
| 2    |    |   | Isopropyl Alcohol        | 60 | C3H8O   | 000067-63-0 | 78   |
| 3    |    |   | Isopropyl Alcohol        | 60 | C3H8O   | 000067-63-0 | 64   |
| 4    |    |   | Isopropyl Alcohol        | 60 | C3H8O   | 000067-63-0 | 9    |
| 5    |    |   | Hydrazine, 1,2-dimethyl- | 60 | C2H8N2  | 000540-73-8 | 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 | 2.214 | 73.0    | ug/L  | 763222   | 1                     | 5.535 | 522874 | 50.0 |