

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV121523\  
 Data File : VV033387.D  
 Acq On : 15 Dec 2023 19:10  
 Operator : SY/MD  
 Sample : 05846-08  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 YCHC9

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: VV033387.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          | 93           | rVB      | 135546         | 146149        | 16.27%          | 1.760%        |
| 2         | 1.532       | 146           | 153         | 166          | rVB      | 115330         | 135906        | 15.13%          | 1.637%        |
| 3         | 2.059       | 308           | 317         | 324          | rBV      | 233693         | 331451        | 36.89%          | 3.992%        |
| 4         | 2.108       | 325           | 332         | 352          | rVB      | 483681         | 736010        | 81.92%          | 8.864%        |
| 5         | 2.214       | 356           | 365         | 396          | rVB      | 364707         | 617574        | 68.74%          | 7.437%        |
| 6         | 2.812       | 549           | 551         | 554          | rBV3     | 1203           | 898           | 0.10%           | 0.011%        |
| 7         | 3.169       | 659           | 662         | 664          | rBV4     | 1350           | 829           | 0.09%           | 0.010%        |
| 8         | 3.461       | 750           | 753         | 758          | rVB6     | 1091           | 897           | 0.10%           | 0.011%        |
| 9         | 3.503       | 763           | 766         | 771          | rBV7     | 1044           | 803           | 0.09%           | 0.010%        |
| 10        | 3.558       | 780           | 783         | 786          | rBV4     | 1205           | 830           | 0.09%           | 0.010%        |
| 11        | 3.722       | 830           | 834         | 838          | rVV7     | 899            | 973           | 0.11%           | 0.012%        |
| 12        | 3.783       | 843           | 853         | 873          | rBV      | 52588          | 147068        | 16.37%          | 1.771%        |
| 13        | 4.088       | 947           | 948         | 951          | rBV3     | 999            | 688           | 0.08%           | 0.008%        |
| 14        | 4.149       | 964           | 967         | 969          | rBV4     | 1268           | 850           | 0.09%           | 0.010%        |
| 15        | 4.249       | 982           | 998         | 1024         | rBV      | 143936         | 379368        | 42.22%          | 4.569%        |
| 16        | 4.866       | 1187          | 1190        | 1192         | rBV4     | 1373           | 676           | 0.08%           | 0.008%        |
| 17        | 4.956       | 1201          | 1218        | 1244         | rBV2     | 338030         | 898445        | 100.00%         | 10.820%       |
| 18        | 5.313       | 1324          | 1329        | 1332         | rBV5     | 2265           | 2380          | 0.26%           | 0.029%        |
| 19        | 5.535       | 1386          | 1398        | 1422         | rBV      | 248878         | 523125        | 58.23%          | 6.300%        |
| 20        | 5.834       | 1481          | 1491        | 1512         | rVB2     | 107941         | 222287        | 24.74%          | 2.677%        |
| 21        | 5.989       | 1527          | 1539        | 1563         | rBV      | 196717         | 406947        | 45.29%          | 4.901%        |
| 22        | 6.461       | 1682          | 1686        | 1691         | rBV8     | 1373           | 1111          | 0.12%           | 0.013%        |
| 23        | 6.487       | 1691          | 1694        | 1696         | rBV4     | 1592           | 1124          | 0.13%           | 0.014%        |
| 24        | 6.583       | 1721          | 1724        | 1728         | rBV5     | 839            | 849           | 0.09%           | 0.010%        |
| 25        | 6.641       | 1739          | 1742        | 1745         | rBV3     | 963            | 782           | 0.09%           | 0.009%        |
| 26        | 6.709       | 1760          | 1763        | 1768         | rBV5     | 1021           | 1044          | 0.12%           | 0.013%        |
| 27        | 6.915       | 1817          | 1827        | 1842         | rBV      | 96086          | 181750        | 20.23%          | 2.189%        |
| 28        | 7.136       | 1892          | 1896        | 1897         | rBV4     | 1046           | 687           | 0.08%           | 0.008%        |
| 29        | 7.243       | 1918          | 1929        | 1952         | rBV      | 387522         | 686688        | 76.43%          | 8.270%        |
| 30        | 7.551       | 2015          | 2025        | 2040         | rBV2     | 71616          | 129435        | 14.41%          | 1.559%        |
| 31        | 7.850       | 2115          | 2118        | 2120         | rBV4     | 1915           | 949           | 0.11%           | 0.011%        |
| 32        | 8.024       | 2163          | 2172        | 2198         | rBV      | 177392         | 345434        | 38.45%          | 4.160%        |
| 33        | 8.435       | 2297          | 2300        | 2304         | rBV6     | 1617           | 1360          | 0.15%           | 0.016%        |
| 34        | 8.612       | 2351          | 2355        | 2359         | rVB5     | 1282           | 1113          | 0.12%           | 0.013%        |
| 35        | 8.786       | 2398          | 2409        | 2430         | rBV      | 404732         | 677466        | 75.40%          | 8.159%        |
| 36        | 9.474       | 2616          | 2623        | 2625         | rBV4     | 1317           | 1167          | 0.13%           | 0.014%        |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW121523\  
 Data File : VW033387.D  
 Acq On : 15 Dec 2023 19:10  
 Operator : SY/MD  
 Sample : 05846-08  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 YCHC9

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

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 37 | 9.538  | 2640 | 2643 | 2645 | rVB3 | 1523   | 818    | 0.09%  | 0.010% |
| 38 | 9.577  | 2652 | 2655 | 2658 | rBV5 | 1166   | 807    | 0.09%  | 0.010% |
| 39 | 9.670  | 2682 | 2684 | 2688 | rVV5 | 1405   | 1133   | 0.13%  | 0.014% |
| 40 | 9.702  | 2691 | 2694 | 2699 | rBV6 | 1291   | 1202   | 0.13%  | 0.014% |
| 41 | 9.747  | 2704 | 2708 | 2710 | rBV4 | 1517   | 1063   | 0.12%  | 0.013% |
| 42 | 9.831  | 2732 | 2734 | 2737 | rBV4 | 837    | 634    | 0.07%  | 0.008% |
| 43 | 9.953  | 2770 | 2772 | 2776 | rBV4 | 1371   | 1124   | 0.13%  | 0.014% |
| 44 | 10.091 | 2810 | 2815 | 2816 | rVV5 | 1202   | 744    | 0.08%  | 0.009% |
| 45 | 10.101 | 2816 | 2818 | 2820 | rVV3 | 1619   | 786    | 0.09%  | 0.009% |
| 46 | 10.152 | 2824 | 2834 | 2853 | rVB  | 272271 | 430613 | 47.93% | 5.186% |
| 47 | 10.275 | 2869 | 2872 | 2875 | rVB3 | 1091   | 629    | 0.07%  | 0.008% |
| 48 | 10.352 | 2893 | 2896 | 2902 | rBV7 | 928    | 935    | 0.10%  | 0.011% |
| 49 | 10.442 | 2923 | 2924 | 2929 | rBV4 | 1240   | 957    | 0.11%  | 0.012% |
| 50 | 10.722 | 3007 | 3011 | 3014 | rBV5 | 1297   | 969    | 0.11%  | 0.012% |
| 51 | 10.824 | 3041 | 3043 | 3046 | rBV3 | 1275   | 865    | 0.10%  | 0.010% |
| 52 | 10.866 | 3050 | 3056 | 3060 | rBV8 | 1378   | 1508   | 0.17%  | 0.018% |
| 53 | 10.914 | 3067 | 3071 | 3074 | rBV6 | 1285   | 1294   | 0.14%  | 0.016% |
| 54 | 11.111 | 3130 | 3132 | 3135 | rBV4 | 1153   | 821    | 0.09%  | 0.010% |
| 55 | 11.188 | 3145 | 3156 | 3179 | rBV  | 370155 | 585767 | 65.20% | 7.054% |
| 56 | 11.442 | 3231 | 3235 | 3237 | rBV3 | 1055   | 620    | 0.07%  | 0.007% |
| 57 | 11.561 | 3260 | 3272 | 3288 | rBV  | 405946 | 645445 | 71.84% | 7.773% |
| 58 | 11.789 | 3340 | 3343 | 3345 | rBV4 | 1459   | 785    | 0.09%  | 0.009% |
| 59 | 11.805 | 3346 | 3348 | 3352 | rVB5 | 1635   | 671    | 0.07%  | 0.008% |
| 60 | 12.004 | 3407 | 3410 | 3414 | rVB4 | 1110   | 668    | 0.07%  | 0.008% |
| 61 | 12.062 | 3425 | 3428 | 3429 | rBV3 | 1071   | 613    | 0.07%  | 0.007% |
| 62 | 12.397 | 3529 | 3532 | 3535 | rBV5 | 1525   | 1236   | 0.14%  | 0.015% |
| 63 | 12.622 | 3600 | 3602 | 3605 | rVB4 | 1229   | 624    | 0.07%  | 0.008% |
| 64 | 12.683 | 3615 | 3621 | 3623 | rBV4 | 1525   | 1521   | 0.17%  | 0.018% |
| 65 | 12.728 | 3632 | 3635 | 3639 | rVB4 | 1079   | 807    | 0.09%  | 0.010% |
| 66 | 12.763 | 3642 | 3646 | 3648 | rBV4 | 741    | 758    | 0.08%  | 0.009% |
| 67 | 12.776 | 3648 | 3650 | 3655 | rVB6 | 1899   | 1478   | 0.16%  | 0.018% |
| 68 | 12.802 | 3655 | 3658 | 3661 | rBV5 | 1053   | 846    | 0.09%  | 0.010% |
| 69 | 12.847 | 3668 | 3672 | 3674 | rBV4 | 1322   | 991    | 0.11%  | 0.012% |
| 70 | 12.882 | 3681 | 3683 | 3684 | rBV2 | 1375   | 661    | 0.07%  | 0.008% |
| 71 | 12.953 | 3700 | 3705 | 3706 | rBV4 | 1131   | 815    | 0.09%  | 0.010% |
| 72 | 13.059 | 3736 | 3738 | 3741 | rVB4 | 1492   | 620    | 0.07%  | 0.007% |
| 73 | 13.149 | 3764 | 3766 | 3770 | rVB5 | 1407   | 717    | 0.08%  | 0.009% |
| 74 | 13.249 | 3795 | 3797 | 3800 | rBV4 | 1002   | 639    | 0.07%  | 0.008% |
| 75 | 13.297 | 3807 | 3812 | 3814 | rBV5 | 1611   | 1561   | 0.17%  | 0.019% |
| 76 | 13.358 | 3826 | 3831 | 3833 | rVB5 | 1280   | 762    | 0.08%  | 0.009% |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV121523\  
 Data File : VV033387.D  
 Acq On : 15 Dec 2023 19:10  
 Operator : SY/MD  
 Sample : 05846-08  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 YCHC9

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  | 13.381 | 3833 | 3838 | 3841 | rBV6 | 1177 | 1217 | 0.14% | 0.015% |
| 78  | 13.480 | 3867 | 3869 | 3873 | rBV6 | 989  | 766  | 0.09% | 0.009% |
| 79  | 13.535 | 3882 | 3886 | 3888 | rBV5 | 1130 | 868  | 0.10% | 0.010% |
| 80  | 13.590 | 3900 | 3903 | 3907 | rVV3 | 1011 | 701  | 0.08% | 0.008% |
| 81  | 13.622 | 3910 | 3913 | 3915 | rBV4 | 1150 | 647  | 0.07% | 0.008% |
| 82  | 13.635 | 3915 | 3917 | 3920 | rVB4 | 1148 | 650  | 0.07% | 0.008% |
| 83  | 13.892 | 3994 | 3997 | 4002 | rVB5 | 1153 | 1031 | 0.11% | 0.012% |
| 84  | 14.043 | 4039 | 4044 | 4045 | rBV4 | 1257 | 945  | 0.11% | 0.011% |
| 85  | 14.072 | 4050 | 4053 | 4055 | rVB4 | 1111 | 621  | 0.07% | 0.007% |
| 86  | 14.088 | 4055 | 4058 | 4061 | rBV5 | 1378 | 991  | 0.11% | 0.012% |
| 87  | 14.300 | 4120 | 4124 | 4129 | rBV5 | 1780 | 2126 | 0.24% | 0.026% |
| 88  | 14.326 | 4130 | 4132 | 4135 | rBV3 | 980  | 624  | 0.07% | 0.008% |
| 89  | 14.393 | 4147 | 4153 | 4154 | rBV6 | 1141 | 1051 | 0.12% | 0.013% |
| 90  | 14.512 | 4186 | 4190 | 4191 | rBV3 | 1665 | 1065 | 0.12% | 0.013% |
| 91  | 14.564 | 4204 | 4206 | 4209 | rBV2 | 972  | 671  | 0.07% | 0.008% |
| 92  | 14.718 | 4250 | 4254 | 4257 | rBV6 | 854  | 611  | 0.07% | 0.007% |
| 93  | 14.789 | 4272 | 4276 | 4278 | rBV4 | 1277 | 875  | 0.10% | 0.011% |
| 94  | 14.898 | 4306 | 4310 | 4311 | rBV3 | 1778 | 1102 | 0.12% | 0.013% |
| 95  | 15.036 | 4347 | 4353 | 4356 | rBV6 | 1752 | 1612 | 0.18% | 0.019% |
| 96  | 15.130 | 4380 | 4382 | 4386 | rBV4 | 1138 | 752  | 0.08% | 0.009% |
| 97  | 15.255 | 4418 | 4421 | 4425 | rBV6 | 1415 | 1193 | 0.13% | 0.014% |
| 98  | 15.339 | 4445 | 4447 | 4451 | rVB4 | 1306 | 685  | 0.08% | 0.008% |
| 99  | 15.519 | 4499 | 4503 | 4504 | rBV3 | 1008 | 806  | 0.09% | 0.010% |
| 100 | 15.715 | 4560 | 4564 | 4569 | rBV6 | 1638 | 1555 | 0.17% | 0.019% |

Sum of corrected areas: 8303785



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV121523\  
Data File : VV033387.D  
Acq On : 15 Dec 2023 19:10  
Operator : SY/MD  
Sample : 05846-08  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
YCHC9

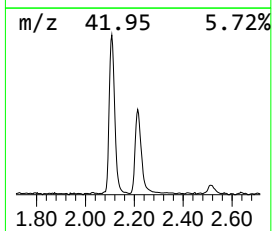
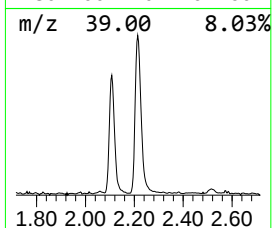
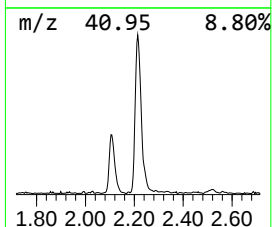
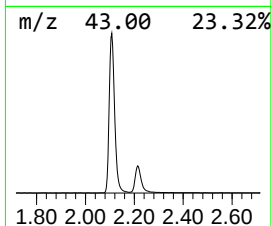
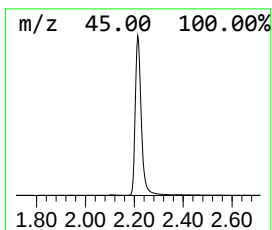
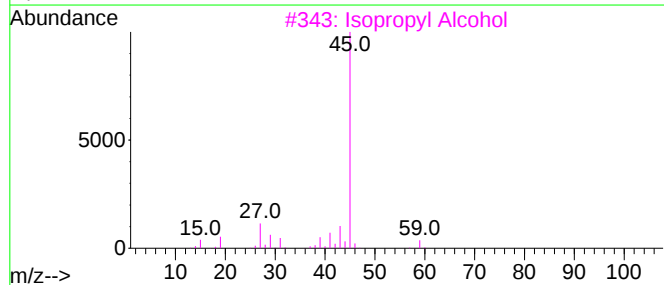
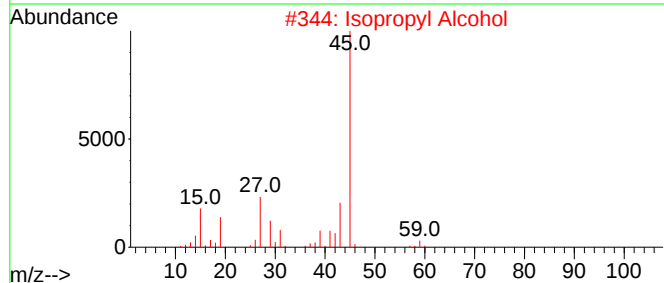
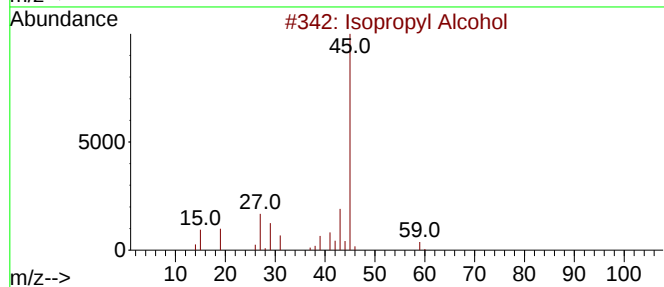
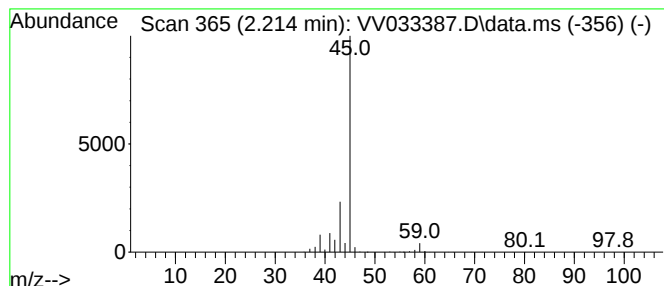
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM121523WMA.M  
Quant Title : VOC Analysis

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 | 59.03 ug/L | 617574 | 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 | 78   |
| 4    | Isopropyl Alcohol |   |              | 60 | C3H8O   | 000067-63-0 | 64   |
| 5    | Isopropyl Alcohol |   |              | 60 | C3H8O   | 000067-63-0 | 64   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW121523\  
Data File : VV033387.D  
Acq On : 15 Dec 2023 19:10  
Operator : SY/MD  
Sample : 05846-08  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
YCHC9

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

| TIC Top Hit name  | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|-------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                   |       |         |       |          | #                     | RT    | Resp   | Conc |
| Isopropyl Alcohol | 2.214 | 59.0    | ug/L  | 617574   | 1                     | 5.535 | 523125 | 50.0 |