

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV011322\  
 Data File : VV024352.D  
 Acq On : 13 Jan 2022 16:12  
 Operator : SY/MD  
 Sample : N1114-08ME  
 Misc : 6.06g/5.0mL/100ul/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BGLQ0ME

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\SFAMVLM123121WMA.M  
 Title : VOC Analysis

Signal : TIC: VV024352.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         | 1.307       | 76            | 83          | 100          | rVB      | 173747         | 187041        | 13.61%          | 1.768%        |
| 2         | 1.564       | 157           | 163         | 177          | rBV      | 148028         | 175583        | 12.78%          | 1.659%        |
| 3         | 2.101       | 320           | 330         | 360          | rVB      | 358413         | 537203        | 39.09%          | 5.077%        |
| 4         | 2.291       | 383           | 389         | 392          | rBV3     | 395            | 381           | 0.03%           | 0.004%        |
| 5         | 2.532       | 462           | 464         | 468          | rBV      | 211            | 159           | 0.01%           | 0.002%        |
| 6         | 2.596       | 480           | 484         | 485          | rBV2     | 578            | 350           | 0.03%           | 0.003%        |
| 7         | 3.133       | 647           | 651         | 653          | rBV      | 177            | 167           | 0.01%           | 0.002%        |
| 8         | 3.198       | 663           | 671         | 685          | rVB4     | 1154           | 2143          | 0.16%           | 0.020%        |
| 9         | 3.397       | 728           | 733         | 737          | rBV      | 289            | 330           | 0.02%           | 0.003%        |
| 10        | 3.503       | 760           | 766         | 767          | rBV      | 215            | 233           | 0.02%           | 0.002%        |
| 11        | 3.522       | 769           | 772         | 776          | rVB2     | 320            | 271           | 0.02%           | 0.003%        |
| 12        | 3.600       | 794           | 796         | 800          | rVB2     | 346            | 184           | 0.01%           | 0.002%        |
| 13        | 3.883       | 872           | 884         | 920          | rBV      | 88046          | 264050        | 19.22%          | 2.495%        |
| 14        | 4.149       | 965           | 967         | 970          | rBV2     | 336            | 273           | 0.02%           | 0.003%        |
| 15        | 4.346       | 1010          | 1028        | 1061         | rBV2     | 237544         | 583745        | 42.48%          | 5.517%        |
| 16        | 4.526       | 1080          | 1084        | 1086         | rBV2     | 408            | 290           | 0.02%           | 0.003%        |
| 17        | 4.596       | 1102          | 1106        | 1108         | rBV2     | 752            | 652           | 0.05%           | 0.006%        |
| 18        | 4.670       | 1126          | 1129        | 1132         | rBV2     | 398            | 189           | 0.01%           | 0.002%        |
| 19        | 4.744       | 1149          | 1152        | 1155         | rBB      | 306            | 191           | 0.01%           | 0.002%        |
| 20        | 4.770       | 1157          | 1160        | 1163         | rBV2     | 491            | 379           | 0.03%           | 0.004%        |
| 21        | 4.863       | 1184          | 1189        | 1190         | rBV2     | 327            | 257           | 0.02%           | 0.002%        |
| 22        | 4.879       | 1192          | 1194        | 1199         | rVB2     | 260            | 238           | 0.02%           | 0.002%        |
| 23        | 4.921       | 1202          | 1207        | 1209         | rBB2     | 245            | 202           | 0.01%           | 0.002%        |
| 24        | 4.956       | 1215          | 1218        | 1221         | rBV      | 220            | 179           | 0.01%           | 0.002%        |
| 25        | 5.043       | 1227          | 1245        | 1276         | rBV2     | 539241         | 1374176       | 100.00%         | 12.987%       |
| 26        | 5.291       | 1319          | 1322        | 1327         | rVB4     | 439            | 348           | 0.03%           | 0.003%        |
| 27        | 5.336       | 1328          | 1336        | 1342         | rBV7     | 1243           | 2419          | 0.18%           | 0.023%        |
| 28        | 5.410       | 1357          | 1359        | 1361         | rBV      | 364            | 243           | 0.02%           | 0.002%        |
| 29        | 5.522       | 1391          | 1394        | 1396         | rBV      | 318            | 223           | 0.02%           | 0.002%        |
| 30        | 5.616       | 1410          | 1423        | 1449         | rBV2     | 376792         | 752686        | 54.77%          | 7.113%        |
| 31        | 5.831       | 1487          | 1490        | 1494         | rVB2     | 536            | 322           | 0.02%           | 0.003%        |
| 32        | 5.908       | 1502          | 1514        | 1534         | rBV4     | 23279          | 53868         | 3.92%           | 0.509%        |
| 33        | 6.066       | 1550          | 1563        | 1590         | rBV      | 299331         | 604755        | 44.01%          | 5.715%        |
| 34        | 6.207       | 1602          | 1607        | 1611         | rBV3     | 801            | 938           | 0.07%           | 0.009%        |
| 35        | 6.268       | 1624          | 1626        | 1629         | rVB2     | 431            | 190           | 0.01%           | 0.002%        |
| 36        | 6.439       | 1677          | 1679        | 1682         | rBV      | 265            | 208           | 0.02%           | 0.002%        |

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 BGLQ0ME

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\SFAMVLM123121WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |         |        |         |
|----|--------|------|------|------|------|--------|---------|--------|---------|
| 37 | 6.628  | 1731 | 1738 | 1742 | rBV3 | 1271   | 1737    | 0.13%  | 0.016%  |
| 38 | 6.725  | 1764 | 1768 | 1769 | rBV  | 366    | 276     | 0.02%  | 0.003%  |
| 39 | 6.982  | 1837 | 1848 | 1872 | rBV  | 179055 | 321726  | 23.41% | 3.040%  |
| 40 | 7.149  | 1897 | 1900 | 1904 | rVB2 | 317    | 220     | 0.02%  | 0.002%  |
| 41 | 7.178  | 1906 | 1909 | 1911 | rBV2 | 665    | 527     | 0.04%  | 0.005%  |
| 42 | 7.252  | 1929 | 1932 | 1935 | rBV  | 526    | 286     | 0.02%  | 0.003%  |
| 43 | 7.313  | 1939 | 1951 | 1970 | rBV  | 672316 | 1155481 | 84.09% | 10.920% |
| 44 | 7.567  | 2026 | 2030 | 2034 | rVB2 | 309    | 310     | 0.02%  | 0.003%  |
| 45 | 7.619  | 2034 | 2046 | 2073 | rBV  | 127299 | 222636  | 16.20% | 2.104%  |
| 46 | 7.776  | 2092 | 2095 | 2098 | rBV3 | 298    | 244     | 0.02%  | 0.002%  |
| 47 | 7.828  | 2104 | 2111 | 2114 | rBV2 | 413    | 424     | 0.03%  | 0.004%  |
| 48 | 7.844  | 2114 | 2116 | 2119 | rVV  | 465    | 181     | 0.01%  | 0.002%  |
| 49 | 7.863  | 2119 | 2122 | 2125 | rVV  | 235    | 173     | 0.01%  | 0.002%  |
| 50 | 7.976  | 2147 | 2157 | 2170 | rBV2 | 40588  | 69975   | 5.09%  | 0.661%  |
| 51 | 8.091  | 2182 | 2193 | 2235 | rBV3 | 252142 | 626892  | 45.62% | 5.924%  |
| 52 | 8.361  | 2275 | 2277 | 2279 | rVB2 | 357    | 160     | 0.01%  | 0.002%  |
| 53 | 8.506  | 2319 | 2322 | 2326 | rVB2 | 314    | 226     | 0.02%  | 0.002%  |
| 54 | 8.609  | 2350 | 2354 | 2358 | rBV  | 284    | 228     | 0.02%  | 0.002%  |
| 55 | 8.763  | 2399 | 2402 | 2406 | rBV  | 196    | 170     | 0.01%  | 0.002%  |
| 56 | 8.850  | 2417 | 2429 | 2461 | rBV  | 569940 | 907764  | 66.06% | 8.579%  |
| 57 | 9.127  | 2512 | 2515 | 2516 | rBV  | 389    | 229     | 0.02%  | 0.002%  |
| 58 | 9.326  | 2573 | 2577 | 2582 | rBB  | 266    | 250     | 0.02%  | 0.002%  |
| 59 | 9.358  | 2583 | 2587 | 2589 | rBV  | 334    | 314     | 0.02%  | 0.003%  |
| 60 | 9.551  | 2645 | 2647 | 2653 | rVV2 | 426    | 298     | 0.02%  | 0.003%  |
| 61 | 9.844  | 2733 | 2738 | 2742 | rBV  | 245    | 242     | 0.02%  | 0.002%  |
| 62 | 9.879  | 2746 | 2749 | 2756 | rVB2 | 269    | 264     | 0.02%  | 0.002%  |
| 63 | 9.914  | 2757 | 2760 | 2764 | rBV  | 225    | 169     | 0.01%  | 0.002%  |
| 64 | 10.127 | 2817 | 2826 | 2835 | rVB6 | 3154   | 5041    | 0.37%  | 0.048%  |
| 65 | 10.217 | 2842 | 2854 | 2878 | rBV  | 393292 | 638387  | 46.46% | 6.033%  |
| 66 | 10.352 | 2894 | 2896 | 2899 | rBV3 | 481    | 329     | 0.02%  | 0.003%  |
| 67 | 10.503 | 2941 | 2943 | 2949 | rVB  | 342    | 188     | 0.01%  | 0.002%  |
| 68 | 10.545 | 2952 | 2956 | 2957 | rBV  | 227    | 185     | 0.01%  | 0.002%  |
| 69 | 10.577 | 2961 | 2966 | 2968 | rBV4 | 1330   | 1351    | 0.10%  | 0.013%  |
| 70 | 10.644 | 2983 | 2987 | 2988 | rBV4 | 293    | 222     | 0.02%  | 0.002%  |
| 71 | 10.779 | 3025 | 3029 | 3030 | rBV  | 408    | 258     | 0.02%  | 0.002%  |
| 72 | 10.876 | 3056 | 3059 | 3060 | rBV  | 717    | 369     | 0.03%  | 0.003%  |
| 73 | 10.914 | 3065 | 3071 | 3082 | rVB4 | 2983   | 4767    | 0.35%  | 0.045%  |
| 74 | 11.021 | 3102 | 3104 | 3105 | rVV  | 397    | 159     | 0.01%  | 0.002%  |
| 75 | 11.037 | 3105 | 3109 | 3114 | rVB2 | 744    | 746     | 0.05%  | 0.007%  |
| 76 | 11.146 | 3135 | 3143 | 3152 | rBV4 | 2177   | 3021    | 0.22%  | 0.029%  |

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 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BGLQ0ME

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\SFAMVLM123121WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |         |        |         |
|-----|--------|------|------|------|------|--------|---------|--------|---------|
| 77  | 11.201 | 3157 | 3160 | 3163 | rVB3 | 311    | 203     | 0.01%  | 0.002%  |
| 78  | 11.249 | 3163 | 3175 | 3197 | rBV  | 616517 | 931126  | 67.76% | 8.800%  |
| 79  | 11.467 | 3239 | 3243 | 3249 | rBV3 | 837    | 818     | 0.06%  | 0.008%  |
| 80  | 11.557 | 3268 | 3271 | 3272 | rBV  | 347    | 181     | 0.01%  | 0.002%  |
|     |        |      |      |      |      |        |         |        |         |
| 81  | 11.625 | 3280 | 3292 | 3316 | rBV  | 718075 | 1131629 | 82.35% | 10.694% |
| 82  | 11.776 | 3334 | 3339 | 3342 | rBV3 | 1165   | 1154    | 0.08%  | 0.011%  |
| 83  | 12.246 | 3482 | 3485 | 3486 | rBV  | 339    | 176     | 0.01%  | 0.002%  |
| 84  | 12.480 | 3555 | 3558 | 3562 | rBV2 | 345    | 246     | 0.02%  | 0.002%  |
| 85  | 12.500 | 3562 | 3564 | 3565 | rBV  | 506    | 234     | 0.02%  | 0.002%  |
|     |        |      |      |      |      |        |         |        |         |
| 86  | 12.535 | 3571 | 3575 | 3582 | rVB3 | 513    | 628     | 0.05%  | 0.006%  |
| 87  | 12.577 | 3582 | 3588 | 3589 | rBV2 | 545    | 500     | 0.04%  | 0.005%  |
| 88  | 12.622 | 3601 | 3602 | 3609 | rVB2 | 428    | 224     | 0.02%  | 0.002%  |
| 89  | 12.657 | 3611 | 3613 | 3619 | rVB  | 406    | 243     | 0.02%  | 0.002%  |
| 90  | 12.808 | 3658 | 3660 | 3663 | rBV  | 240    | 168     | 0.01%  | 0.002%  |
|     |        |      |      |      |      |        |         |        |         |
| 91  | 13.075 | 3736 | 3743 | 3748 | rBV2 | 329    | 398     | 0.03%  | 0.004%  |
| 92  | 13.175 | 3770 | 3774 | 3779 | rBV3 | 397    | 370     | 0.03%  | 0.003%  |
| 93  | 13.339 | 3823 | 3825 | 3828 | rVB2 | 345    | 174     | 0.01%  | 0.002%  |
| 94  | 13.606 | 3905 | 3908 | 3911 | rVB2 | 270    | 173     | 0.01%  | 0.002%  |
| 95  | 13.625 | 3911 | 3914 | 3917 | rBV2 | 302    | 160     | 0.01%  | 0.002%  |
|     |        |      |      |      |      |        |         |        |         |
| 96  | 13.998 | 4028 | 4030 | 4032 | rBV2 | 343    | 186     | 0.01%  | 0.002%  |
| 97  | 14.091 | 4057 | 4059 | 4062 | rBV  | 266    | 207     | 0.02%  | 0.002%  |
| 98  | 14.130 | 4068 | 4071 | 4073 | rBV  | 409    | 291     | 0.02%  | 0.003%  |
| 99  | 14.291 | 4119 | 4121 | 4125 | rBV2 | 271    | 202     | 0.01%  | 0.002%  |
| 100 | 14.419 | 4159 | 4161 | 4169 | rVB3 | 401    | 386     | 0.03%  | 0.004%  |

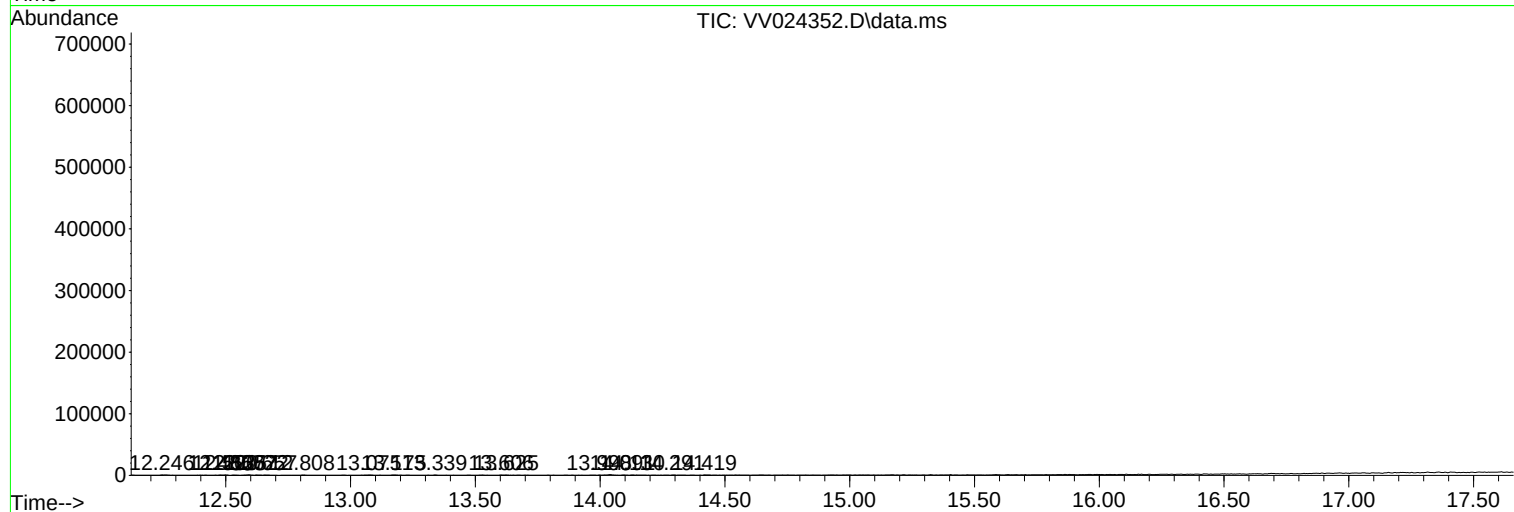
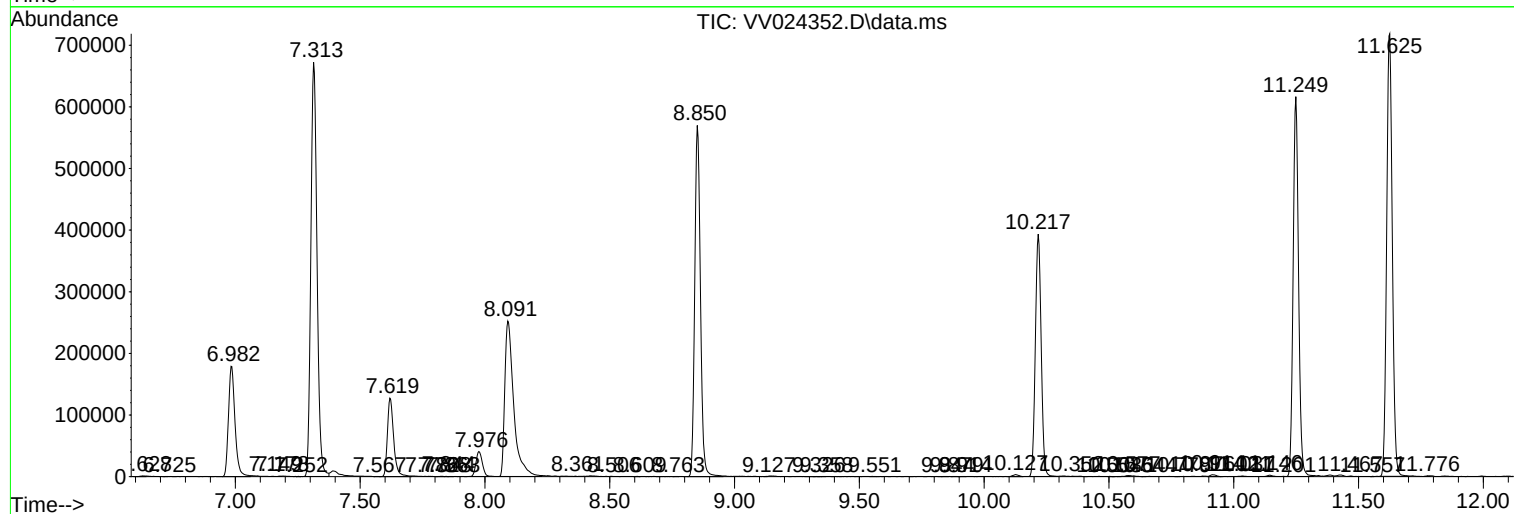
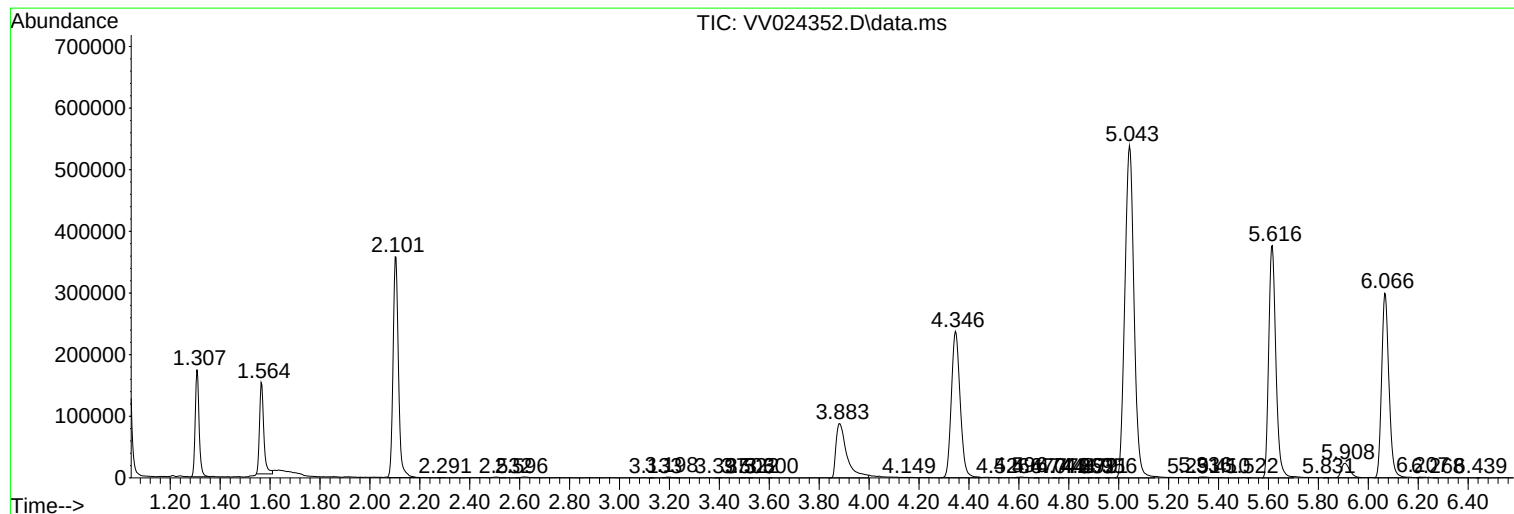
Sum of corrected areas: 10581568

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ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BGLQ0ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM123121WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV011322\  
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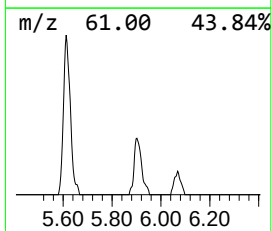
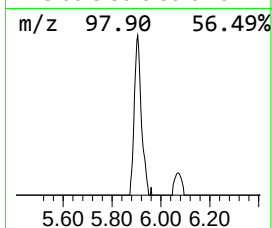
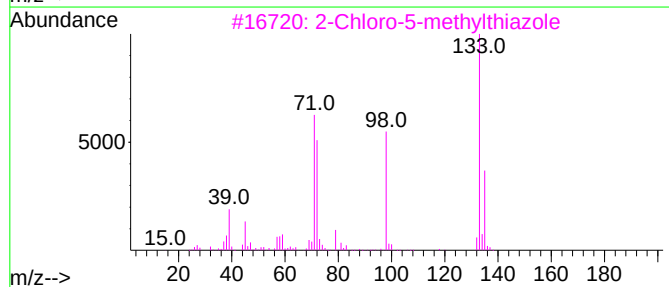
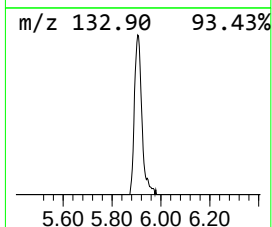
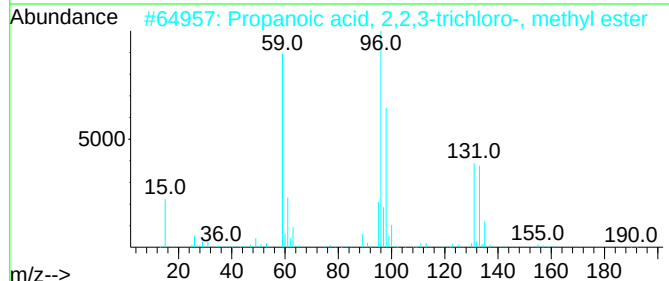
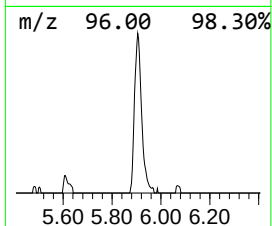
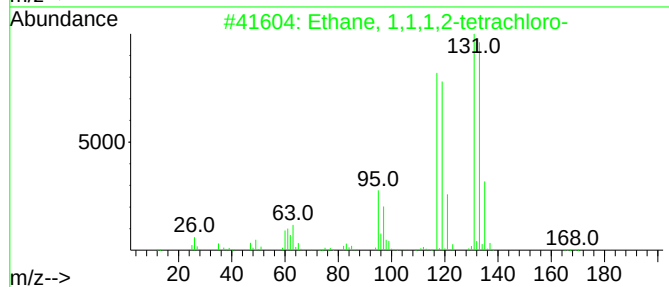
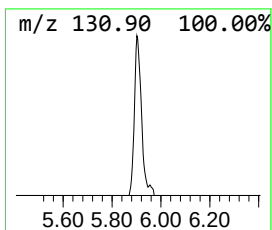
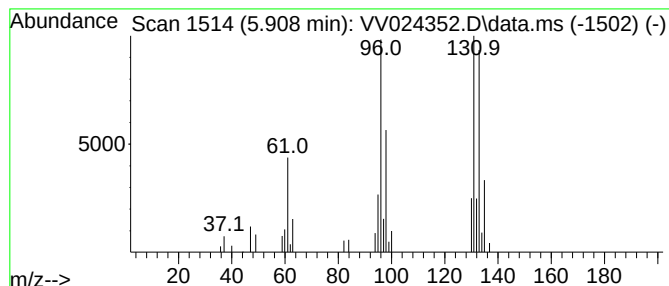
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM123121WMA.M  
Quant Title : VOC Analysis

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

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Peak Number 1 unknown-01 Concentration Rank 2

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 5.908 | 3.58 ug/L | 53868 | 1,4-Difluorobenzene | 5.616 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | Ethane, 1,1,1,2-tetrachloro-        | 166 | C2H2Cl4   | 000630-20-6 | 38   |
| 2    |    |   | Propanoic acid, 2,2,3-trichloro-... | 190 | C4H5Cl3O2 | 004749-35-3 | 38   |
| 3    |    |   | 2-Chloro-5-methylthiazole           | 133 | C4H4ClNS  | 033342-65-3 | 25   |
| 4    |    |   | 4-Chloro-3-fluoropyridine           | 131 | C5H3ClFN  | 002546-56-7 | 25   |
| 5    |    |   | Ethane, 1,1,1,2-tetrachloro-        | 166 | C2H2Cl4   | 000630-20-6 | 23   |



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Quant Title : VOC Analysis

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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| unknown-01       | 5.908 | 3.6     | ug/L  | 53868    | 1                     | 5.616 | 752686 | 50.0 |