

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV050721\  
 Data File : VV021331.D  
 Acq On : 07 May 2021 17:23  
 Operator : SY/MD  
 Sample : M2316-02  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG7H7

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\SFAMVLM050321WMA.M

Title : VOC Analysis

Signal : TIC: VV021331.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           | rBV3     | 14560          | 12859         | 0.72%           | 0.094%        |
| 2         | 1.307       | 77            | 83          | 97           | rVB      | 193382         | 206109        | 11.62%          | 1.503%        |
| 3         | 1.571       | 158           | 165         | 179          | rVB      | 172965         | 202826        | 11.43%          | 1.479%        |
| 4         | 2.108       | 324           | 332         | 352          | rVB      | 420608         | 602716        | 33.97%          | 4.395%        |
| 5         | 2.291       | 386           | 389         | 392          | rBV4     | 1873           | 1370          | 0.08%           | 0.010%        |
| 6         | 2.899       | 575           | 578         | 582          | rBV5     | 1787           | 1352          | 0.08%           | 0.010%        |
| 7         | 3.114       | 641           | 645         | 648          | rBV4     | 1021           | 915           | 0.05%           | 0.007%        |
| 8         | 3.239       | 680           | 684         | 686          | rVB4     | 1189           | 783           | 0.04%           | 0.006%        |
| 9         | 3.256       | 686           | 689         | 692          | rBV3     | 1172           | 887           | 0.05%           | 0.006%        |
| 10        | 3.294       | 698           | 701         | 705          | rBV5     | 1496           | 1315          | 0.07%           | 0.010%        |
| 11        | 3.403       | 732           | 735         | 739          | rBV5     | 1179           | 939           | 0.05%           | 0.007%        |
| 12        | 3.423       | 739           | 741         | 743          | rBV3     | 1464           | 651           | 0.04%           | 0.005%        |
| 13        | 3.561       | 779           | 784         | 787          | rBV6     | 1611           | 1054          | 0.06%           | 0.008%        |
| 14        | 3.648       | 807           | 811         | 817          | rBV3     | 985            | 779           | 0.04%           | 0.006%        |
| 15        | 3.680       | 817           | 821         | 823          | rBV3     | 1208           | 1080          | 0.06%           | 0.008%        |
| 16        | 3.902       | 881           | 890         | 921          | rBV2     | 83127          | 293711        | 16.55%          | 2.142%        |
| 17        | 4.352       | 1016          | 1030        | 1055         | rBV3     | 330295         | 803285        | 45.28%          | 5.857%        |
| 18        | 4.548       | 1088          | 1091        | 1095         | rVB5     | 2195           | 1453          | 0.08%           | 0.011%        |
| 19        | 4.574       | 1095          | 1099        | 1100         | rBV      | 1715           | 1125          | 0.06%           | 0.008%        |
| 20        | 4.638       | 1116          | 1119        | 1121         | rBV3     | 934            | 661           | 0.04%           | 0.005%        |
| 21        | 4.776       | 1158          | 1162        | 1165         | rBV3     | 1516           | 1335          | 0.08%           | 0.010%        |
| 22        | 4.857       | 1183          | 1187        | 1192         | rBV7     | 1183           | 1215          | 0.07%           | 0.009%        |
| 23        | 4.956       | 1214          | 1218        | 1221         | rBV2     | 990            | 1045          | 0.06%           | 0.008%        |
| 24        | 5.050       | 1231          | 1247        | 1270         | rBV3     | 692940         | 1774222       | 100.00%         | 12.937%       |
| 25        | 5.333       | 1332          | 1335        | 1338         | rBV3     | 1683           | 1095          | 0.06%           | 0.008%        |
| 26        | 5.407       | 1355          | 1358        | 1363         | rVB5     | 1982           | 1345          | 0.08%           | 0.010%        |
| 27        | 5.452       | 1369          | 1372        | 1376         | rBV3     | 1617           | 1418          | 0.08%           | 0.010%        |
| 28        | 5.490       | 1382          | 1384        | 1387         | rVB2     | 1687           | 817           | 0.05%           | 0.006%        |
| 29        | 5.622       | 1413          | 1425        | 1449         | rBV2     | 548609         | 1121687       | 63.22%          | 8.179%        |
| 30        | 5.908       | 1504          | 1514        | 1532         | rBV3     | 68961          | 147110        | 8.29%           | 1.073%        |
| 31        | 6.075       | 1553          | 1566        | 1588         | rBV2     | 374931         | 769245        | 43.36%          | 5.609%        |
| 32        | 6.217       | 1608          | 1610        | 1614         | rBV4     | 1556           | 1217          | 0.07%           | 0.009%        |
| 33        | 6.345       | 1647          | 1650        | 1652         | rBV4     | 1240           | 894           | 0.05%           | 0.007%        |
| 34        | 6.419       | 1669          | 1673        | 1676         | rBV5     | 1168           | 875           | 0.05%           | 0.006%        |
| 35        | 6.452       | 1680          | 1683        | 1688         | rVB6     | 2066           | 1576          | 0.09%           | 0.011%        |
| 36        | 6.503       | 1695          | 1699        | 1701         | rBV3     | 1280           | 964           | 0.05%           | 0.007%        |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV050721\  
 Data File : VV021331.D  
 Acq On : 07 May 2021 17:23  
 Operator : SY/MD  
 Sample : M2316-02  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG7H7

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\SFAMVLM050321WMA.M  
 Title : VOC Analysis

|    |       |      |      |      |      |      |      |       |        |
|----|-------|------|------|------|------|------|------|-------|--------|
| 37 | 6.532 | 1702 | 1708 | 1710 | rBV6 | 1609 | 1535 | 0.09% | 0.011% |
| 38 | 6.564 | 1714 | 1718 | 1720 | rBV4 | 1587 | 1135 | 0.06% | 0.008% |
| 39 | 6.609 | 1726 | 1732 | 1736 | rBV6 | 1679 | 1791 | 0.10% | 0.013% |
| 40 | 6.638 | 1737 | 1741 | 1743 | rVV5 | 1101 | 816  | 0.05% | 0.006% |

|    |       |      |      |      |      |        |         |        |         |
|----|-------|------|------|------|------|--------|---------|--------|---------|
| 41 | 6.689 | 1752 | 1757 | 1758 | rBV3 | 840    | 701     | 0.04%  | 0.005%  |
| 42 | 6.808 | 1791 | 1794 | 1796 | rBV3 | 1332   | 874     | 0.05%  | 0.006%  |
| 43 | 6.850 | 1801 | 1807 | 1811 | rBV6 | 1902   | 1653    | 0.09%  | 0.012%  |
| 44 | 6.992 | 1840 | 1851 | 1869 | rBV2 | 228193 | 413290  | 23.29% | 3.014%  |
| 45 | 7.320 | 1941 | 1953 | 1971 | rBV  | 820544 | 1425013 | 80.32% | 10.391% |

|    |       |      |      |      |      |        |        |        |        |
|----|-------|------|------|------|------|--------|--------|--------|--------|
| 46 | 7.529 | 2015 | 2018 | 2020 | rBV2 | 1738   | 1083   | 0.06%  | 0.008% |
| 47 | 7.628 | 2037 | 2049 | 2070 | rBV  | 161247 | 298776 | 16.84% | 2.179% |
| 48 | 7.905 | 2133 | 2135 | 2138 | rBV3 | 1190   | 650    | 0.04%  | 0.005% |
| 49 | 7.934 | 2139 | 2144 | 2149 | rVV8 | 3581   | 4510   | 0.25%  | 0.033% |
| 50 | 7.988 | 2153 | 2161 | 2173 | rVB9 | 9086   | 15585  | 0.88%  | 0.114% |

|    |       |      |      |      |      |        |        |        |        |
|----|-------|------|------|------|------|--------|--------|--------|--------|
| 51 | 8.095 | 2184 | 2194 | 2226 | rBV3 | 330098 | 718858 | 40.52% | 5.242% |
| 52 | 8.333 | 2265 | 2268 | 2273 | rBV4 | 2036   | 2062   | 0.12%  | 0.015% |
| 53 | 8.561 | 2337 | 2339 | 2344 | rVB4 | 1905   | 1359   | 0.08%  | 0.010% |
| 54 | 8.615 | 2353 | 2356 | 2359 | rVB5 | 1199   | 992    | 0.06%  | 0.007% |
| 55 | 8.638 | 2359 | 2363 | 2367 | rBV5 | 1128   | 1186   | 0.07%  | 0.009% |

|    |       |      |      |      |      |        |         |        |        |
|----|-------|------|------|------|------|--------|---------|--------|--------|
| 56 | 8.857 | 2419 | 2431 | 2447 | rBV  | 832464 | 1346541 | 75.89% | 9.819% |
| 57 | 9.156 | 2522 | 2524 | 2531 | rBV5 | 2228   | 1715    | 0.10%  | 0.013% |
| 58 | 9.233 | 2545 | 2548 | 2549 | rBV2 | 1264   | 772     | 0.04%  | 0.006% |
| 59 | 9.435 | 2609 | 2611 | 2615 | rBV4 | 1400   | 917     | 0.05%  | 0.007% |
| 60 | 9.728 | 2699 | 2702 | 2707 | rBV4 | 1640   | 1409    | 0.08%  | 0.010% |

|    |       |      |      |      |      |      |      |       |        |
|----|-------|------|------|------|------|------|------|-------|--------|
| 61 | 9.767 | 2711 | 2714 | 2717 | rVB4 | 1038 | 692  | 0.04% | 0.005% |
| 62 | 9.792 | 2717 | 2722 | 2724 | rBV4 | 1454 | 1245 | 0.07% | 0.009% |
| 63 | 9.837 | 2735 | 2736 | 2740 | rVB4 | 1439 | 739  | 0.04% | 0.005% |
| 64 | 9.895 | 2751 | 2754 | 2756 | rBV2 | 1176 | 768  | 0.04% | 0.006% |
| 65 | 9.963 | 2773 | 2775 | 2778 | rBV5 | 1025 | 687  | 0.04% | 0.005% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 66 | 10.011 | 2785 | 2790 | 2794 | rBV6 | 1293   | 1482   | 0.08%  | 0.011% |
| 67 | 10.123 | 2821 | 2825 | 2827 | rBV4 | 2865   | 2297   | 0.13%  | 0.017% |
| 68 | 10.223 | 2845 | 2856 | 2874 | rBV  | 471607 | 751363 | 42.35% | 5.479% |
| 69 | 10.365 | 2897 | 2900 | 2901 | rBV2 | 1803   | 932    | 0.05%  | 0.007% |
| 70 | 10.461 | 2927 | 2930 | 2935 | rBV4 | 1469   | 1411   | 0.08%  | 0.010% |

|    |        |      |      |      |      |        |         |        |         |
|----|--------|------|------|------|------|--------|---------|--------|---------|
| 71 | 10.676 | 2994 | 2997 | 3001 | rVB4 | 1176   | 1038    | 0.06%  | 0.008%  |
| 72 | 11.255 | 3166 | 3177 | 3198 | rBV  | 818446 | 1289267 | 72.67% | 9.401%  |
| 73 | 11.574 | 3273 | 3276 | 3279 | rBV3 | 1163   | 1034    | 0.06%  | 0.008%  |
| 74 | 11.631 | 3282 | 3294 | 3312 | rVV  | 883527 | 1418543 | 79.95% | 10.344% |
| 75 | 11.773 | 3335 | 3338 | 3342 | rVB5 | 2559   | 2001    | 0.11%  | 0.015%  |

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 76 | 11.821 | 3351 | 3353 | 3358 | rBV6 | 2109 | 1395 | 0.08% | 0.010% |
|----|--------|------|------|------|------|------|------|-------|--------|

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV050721\  
 Data File : VV021331.D  
 Acq On : 07 May 2021 17:23  
 Operator : SY/MD  
 Sample : M2316-02  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG7H7

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\SFAMVLM050321WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |      |      |       |        |
|-----|--------|------|------|------|------|------|------|-------|--------|
| 77  | 11.873 | 3367 | 3369 | 3374 | rVB5 | 2605 | 2075 | 0.12% | 0.015% |
| 78  | 12.030 | 3415 | 3418 | 3423 | rBV7 | 1125 | 1204 | 0.07% | 0.009% |
| 79  | 12.069 | 3428 | 3430 | 3436 | rVB6 | 2366 | 1774 | 0.10% | 0.013% |
| 80  | 12.098 | 3436 | 3439 | 3442 | rBV4 | 2414 | 1688 | 0.10% | 0.012% |
| 81  | 12.136 | 3446 | 3451 | 3456 | rBV7 | 1937 | 2323 | 0.13% | 0.017% |
| 82  | 12.165 | 3456 | 3460 | 3461 | rBV2 | 1502 | 860  | 0.05% | 0.006% |
| 83  | 12.300 | 3499 | 3502 | 3504 | rVB4 | 1537 | 691  | 0.04% | 0.005% |
| 84  | 12.342 | 3511 | 3515 | 3519 | rBV5 | 1493 | 1634 | 0.09% | 0.012% |
| 85  | 12.512 | 3565 | 3568 | 3570 | rBV3 | 1179 | 659  | 0.04% | 0.005% |
| 86  | 12.593 | 3591 | 3593 | 3598 | rBV4 | 1314 | 1201 | 0.07% | 0.009% |
| 87  | 12.696 | 3623 | 3625 | 3630 | rVB6 | 1064 | 740  | 0.04% | 0.005% |
| 88  | 12.850 | 3670 | 3673 | 3676 | rBV3 | 1384 | 988  | 0.06% | 0.007% |
| 89  | 12.991 | 3714 | 3717 | 3721 | rBV5 | 1147 | 1020 | 0.06% | 0.007% |
| 90  | 13.200 | 3778 | 3782 | 3784 | rBV3 | 1527 | 1335 | 0.08% | 0.010% |
| 91  | 13.387 | 3837 | 3840 | 3842 | rBV2 | 1700 | 1107 | 0.06% | 0.008% |
| 92  | 13.715 | 3940 | 3942 | 3945 | rBV2 | 1397 | 879  | 0.05% | 0.006% |
| 93  | 13.975 | 4021 | 4023 | 4026 | rBV3 | 1355 | 871  | 0.05% | 0.006% |
| 94  | 14.178 | 4084 | 4086 | 4091 | rVB3 | 2676 | 1966 | 0.11% | 0.014% |
| 95  | 14.204 | 4091 | 4094 | 4096 | rBV3 | 1474 | 948  | 0.05% | 0.007% |
| 96  | 14.348 | 4134 | 4139 | 4143 | rBV5 | 2224 | 2012 | 0.11% | 0.015% |
| 97  | 14.615 | 4219 | 4222 | 4223 | rBV2 | 1473 | 730  | 0.04% | 0.005% |
| 98  | 14.663 | 4234 | 4237 | 4241 | rBV5 | 2130 | 1481 | 0.08% | 0.011% |
| 99  | 15.387 | 4456 | 4462 | 4464 | rBV5 | 2939 | 3772 | 0.21% | 0.028% |
| 100 | 15.567 | 4516 | 4518 | 4523 | rBV6 | 2944 | 2009 | 0.11% | 0.015% |

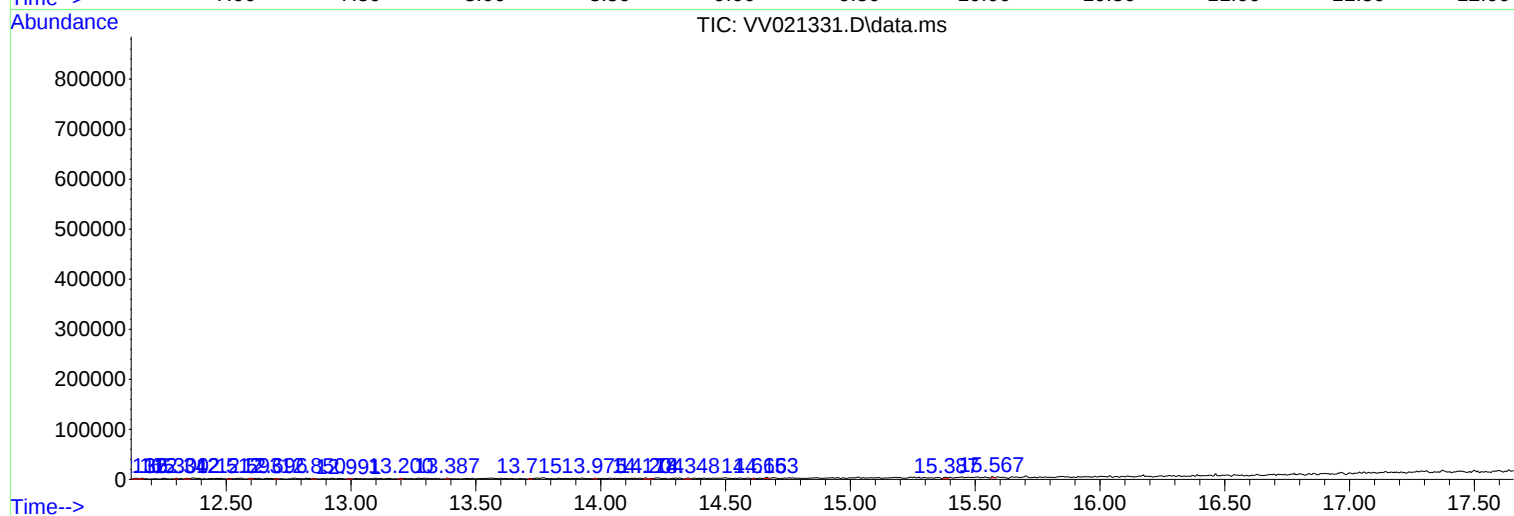
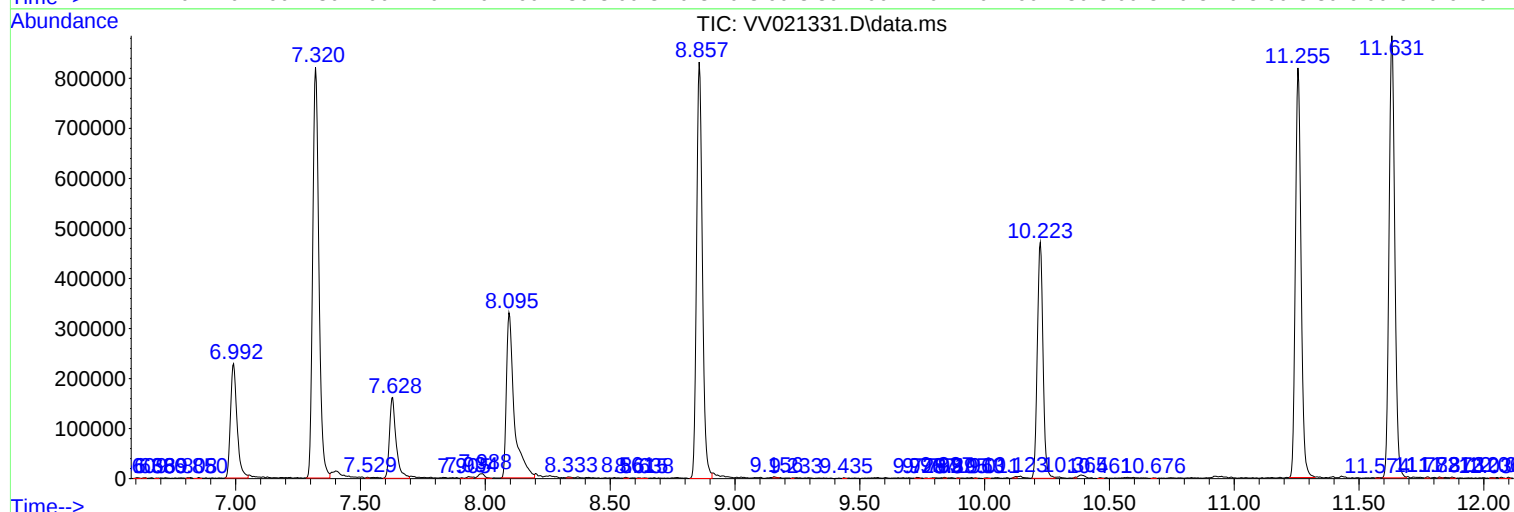
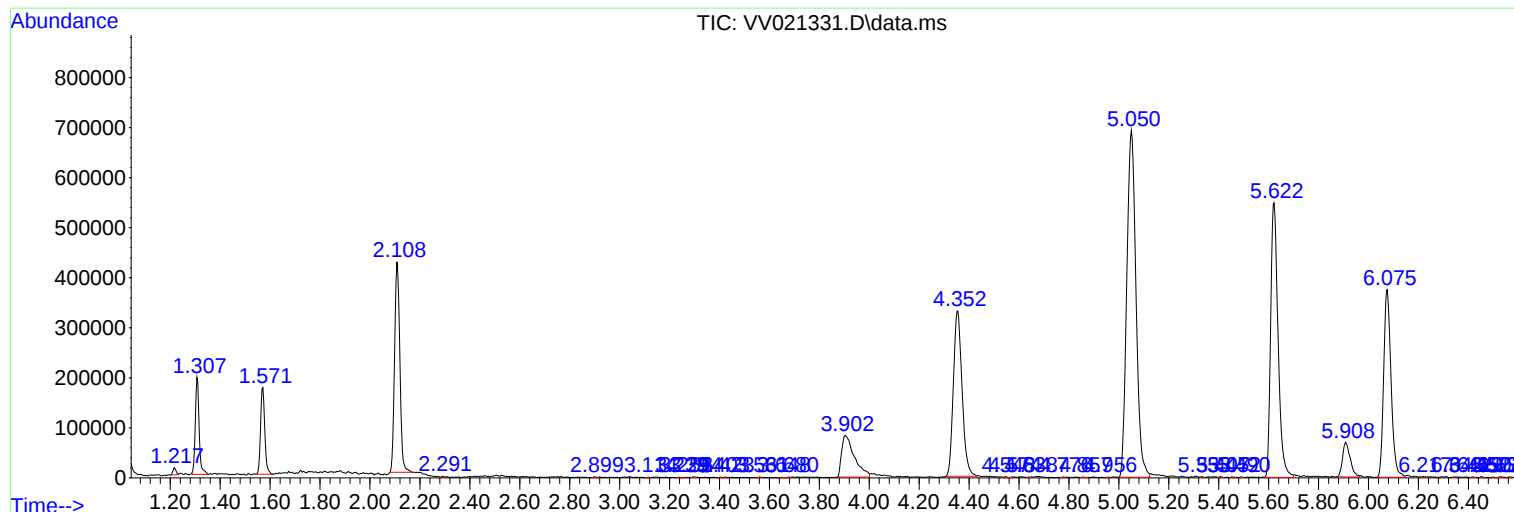
Sum of corrected areas: 13714014

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV050721\  
Data File : VV021331.D  
Acq On : 07 May 2021 17:23  
Operator : SY/MD  
Sample : M2316-02  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BG7H7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM050321WMA.M  
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV050721\  
Data File : VV021331.D  
Acq On : 07 May 2021 17:23  
Operator : SY/MD  
Sample : M2316-02  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BG7H7

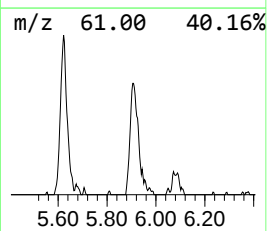
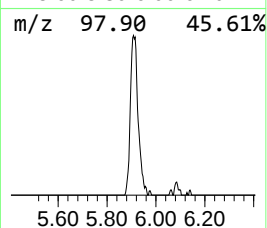
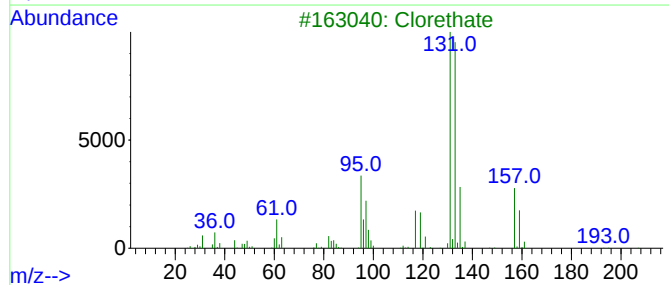
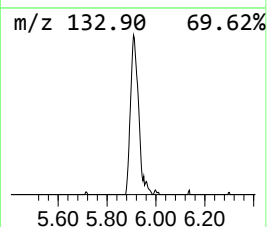
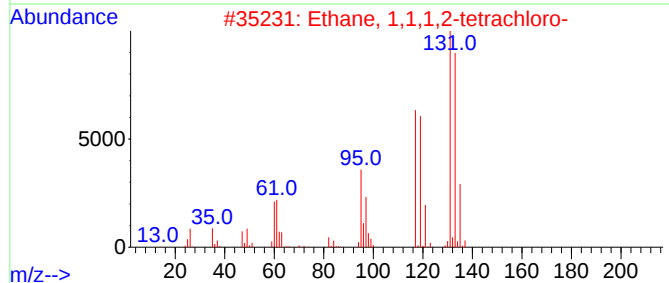
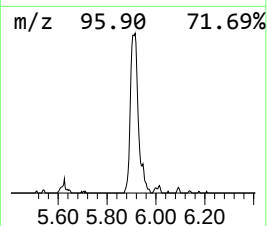
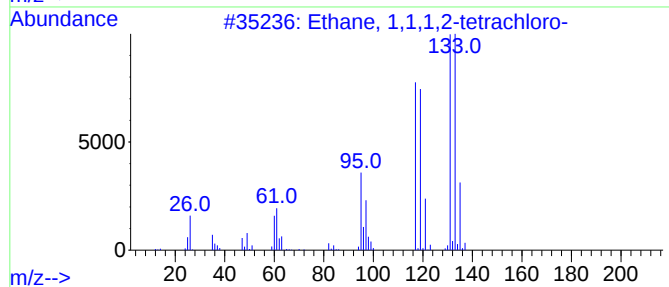
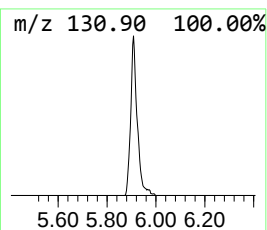
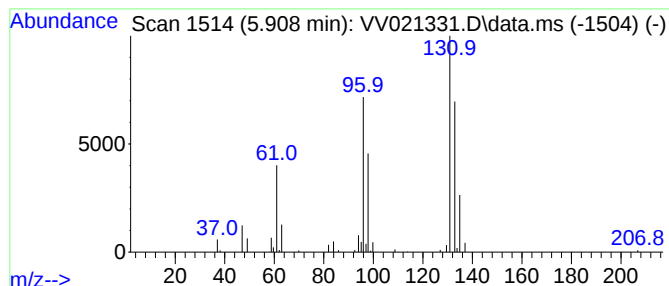
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM050321WMA.M  
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 1 unknown-01 Concentration Rank 2

| R.T.  | EstConc   | Area   | Relative to ISTD    | R.T.  |
|-------|-----------|--------|---------------------|-------|
| 5.908 | 6.56 ug/L | 147110 | 1,4-Difluorobenzene | 5.619 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm   | CAS#        | Qual |
|------|----|---|------------------------------|-----|-----------|-------------|------|
| 1    |    |   | Ethane, 1,1,1,2-tetrachloro- | 166 | C2H2Cl4   | 000630-20-6 | 25   |
| 2    |    |   | Ethane, 1,1,1,2-tetrachloro- | 166 | C2H2Cl4   | 000630-20-6 | 25   |
| 3    |    |   | Clorethate                   | 322 | C5H4Cl6O3 | 005634-37-7 | 25   |
| 4    |    |   | Ethane, 1,1,1,2-tetrachloro- | 166 | C2H2Cl4   | 000630-20-6 | 25   |
| 5    |    |   | Ethane, 1,1,1,2-tetrachloro- | 166 | C2H2Cl4   | 000630-20-6 | 23   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV050721\  
Data File : VV021331.D  
Acq On : 07 May 2021 17:23  
Operator : SY/MD  
Sample : M2316-02  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BG7H7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM050321WMA.M  
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                  |       |         |       |          | #                     | RT    | Resp    | Conc |
| unknown-01       | 5.908 | 6.6     | ug/L  | 147110   | 1                     | 5.619 | 1121690 | 50.0 |