

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV083021\  
 Data File : VV022007.D  
 Acq On : 30 Aug 2021 16:39  
 Operator : SY/MD  
 Sample : M3566-10  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DBKH6

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\SFAMVLM082721WMA.M

Title : VOC Analysis

Signal : TIC: VV022007.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         | 1.108       | 16            | 21          | 41           | rVB      | 104237         | 100287        | 8.07%           | 0.989%        |
| 2         | 1.307       | 75            | 83          | 89           | rBV2     | 196964         | 211697        | 17.04%          | 2.087%        |
| 3         | 1.564       | 158           | 163         | 175          | rVB      | 133986         | 151992        | 12.24%          | 1.499%        |
| 4         | 2.105       | 323           | 331         | 344          | rVB      | 274323         | 401275        | 32.30%          | 3.956%        |
| 5         | 2.895       | 575           | 577         | 579          | rBV      | 334            | 174           | 0.01%           | 0.002%        |
| 6         | 2.953       | 587           | 595         | 603          | rBV7     | 2451           | 4647          | 0.37%           | 0.046%        |
| 7         | 3.043       | 613           | 623         | 624          | rBV5     | 1840           | 2411          | 0.19%           | 0.024%        |
| 8         | 3.085       | 634           | 636         | 638          | rBV2     | 466            | 248           | 0.02%           | 0.002%        |
| 9         | 3.169       | 656           | 662         | 665          | rBV2     | 649            | 684           | 0.06%           | 0.007%        |
| 10        | 3.188       | 665           | 668         | 669          | rBV2     | 429            | 242           | 0.02%           | 0.002%        |
| 11        | 3.275       | 692           | 695         | 696          | rBV2     | 578            | 262           | 0.02%           | 0.003%        |
| 12        | 3.346       | 714           | 717         | 718          | rBV      | 309            | 179           | 0.01%           | 0.002%        |
| 13        | 3.375       | 724           | 726         | 728          | rBV      | 507            | 244           | 0.02%           | 0.002%        |
| 14        | 3.436       | 742           | 745         | 746          | rBV2     | 330            | 185           | 0.01%           | 0.002%        |
| 15        | 3.551       | 778           | 781         | 787          | rVB3     | 465            | 360           | 0.03%           | 0.004%        |
| 16        | 3.577       | 787           | 789         | 793          | rBV      | 308            | 231           | 0.02%           | 0.002%        |
| 17        | 3.748       | 841           | 842         | 849          | rVB2     | 328            | 258           | 0.02%           | 0.003%        |
| 18        | 3.776       | 849           | 851         | 856          | rVB3     | 305            | 193           | 0.02%           | 0.002%        |
| 19        | 3.876       | 872           | 882         | 917          | rBV      | 99480          | 273996        | 22.06%          | 2.701%        |
| 20        | 4.352       | 1015          | 1030        | 1053         | rBV      | 195870         | 488174        | 39.30%          | 4.813%        |
| 21        | 4.593       | 1103          | 1105        | 1106         | rBV      | 471            | 184           | 0.01%           | 0.002%        |
| 22        | 4.828       | 1171          | 1178        | 1185         | rVB7     | 818            | 1090          | 0.09%           | 0.011%        |
| 23        | 4.873       | 1185          | 1192        | 1193         | rBV2     | 447            | 394           | 0.03%           | 0.004%        |
| 24        | 4.892       | 1197          | 1198        | 1202         | rVB3     | 377            | 219           | 0.02%           | 0.002%        |
| 25        | 4.915       | 1202          | 1205        | 1206         | rBV2     | 548            | 230           | 0.02%           | 0.002%        |
| 26        | 4.973       | 1220          | 1223        | 1226         | rBV2     | 331            | 298           | 0.02%           | 0.003%        |
| 27        | 5.050       | 1230          | 1247        | 1277         | rBV2     | 484022         | 1242254       | 100.00%         | 12.248%       |
| 28        | 5.384       | 1345          | 1351        | 1353         | rBV4     | 1043           | 1015          | 0.08%           | 0.010%        |
| 29        | 5.490       | 1381          | 1384        | 1386         | rBV2     | 697            | 445           | 0.04%           | 0.004%        |
| 30        | 5.619       | 1411          | 1424        | 1455         | rBV      | 415251         | 833295        | 67.08%          | 8.216%        |
| 31        | 6.072       | 1549          | 1565        | 1594         | rBV      | 274417         | 569516        | 45.85%          | 5.615%        |
| 32        | 6.294       | 1630          | 1634        | 1635         | rBV4     | 396            | 293           | 0.02%           | 0.003%        |
| 33        | 6.368       | 1654          | 1657        | 1658         | rBV2     | 451            | 243           | 0.02%           | 0.002%        |
| 34        | 6.410       | 1669          | 1670        | 1674         | rVB      | 599            | 228           | 0.02%           | 0.002%        |
| 35        | 6.532       | 1705          | 1708        | 1712         | rVB2     | 624            | 452           | 0.04%           | 0.004%        |
| 36        | 6.641       | 1737          | 1742        | 1748         | rBV4     | 645            | 689           | 0.06%           | 0.007%        |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV083021\  
 Data File : VV022007.D  
 Acq On : 30 Aug 2021 16:39  
 Operator : SY/MD  
 Sample : M3566-10  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DBKH6

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\SFAMVLM082721WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |         |        |         |
|----|--------|------|------|------|------|--------|---------|--------|---------|
| 37 | 6.673  | 1748 | 1752 | 1754 | rBV2 | 419    | 291     | 0.02%  | 0.003%  |
| 38 | 6.757  | 1775 | 1778 | 1780 | rBV  | 443    | 185     | 0.01%  | 0.002%  |
| 39 | 6.770  | 1780 | 1782 | 1784 | rBV  | 320    | 187     | 0.02%  | 0.002%  |
| 40 | 6.821  | 1796 | 1798 | 1801 | rVB  | 513    | 267     | 0.02%  | 0.003%  |
| 41 | 6.873  | 1812 | 1814 | 1818 | rVB2 | 296    | 219     | 0.02%  | 0.002%  |
| 42 | 6.989  | 1839 | 1850 | 1871 | rBV  | 146397 | 271699  | 21.87% | 2.679%  |
| 43 | 7.320  | 1940 | 1953 | 1970 | rBV  | 588430 | 1035596 | 83.36% | 10.210% |
| 44 | 7.625  | 2038 | 2048 | 2065 | rBV  | 97364  | 172243  | 13.87% | 1.698%  |
| 45 | 7.850  | 2116 | 2118 | 2121 | rVB3 | 491    | 276     | 0.02%  | 0.003%  |
| 46 | 7.911  | 2133 | 2137 | 2138 | rBV  | 353    | 216     | 0.02%  | 0.002%  |
| 47 | 7.947  | 2138 | 2148 | 2155 | rVV3 | 2892   | 5228    | 0.42%  | 0.052%  |
| 48 | 8.040  | 2174 | 2177 | 2182 | rVB  | 251    | 196     | 0.02%  | 0.002%  |
| 49 | 8.088  | 2182 | 2192 | 2227 | rBV  | 318842 | 586912  | 47.25% | 5.787%  |
| 50 | 8.551  | 2333 | 2336 | 2337 | rBV3 | 320    | 183     | 0.01%  | 0.002%  |
| 51 | 8.574  | 2340 | 2343 | 2345 | rBV  | 541    | 313     | 0.03%  | 0.003%  |
| 52 | 8.619  | 2351 | 2357 | 2361 | rBV3 | 507    | 528     | 0.04%  | 0.005%  |
| 53 | 8.702  | 2380 | 2383 | 2386 | rBV2 | 341    | 322     | 0.03%  | 0.003%  |
| 54 | 8.725  | 2389 | 2390 | 2394 | rVB  | 230    | 144     | 0.01%  | 0.001%  |
| 55 | 8.747  | 2394 | 2397 | 2400 | rBV3 | 654    | 340     | 0.03%  | 0.003%  |
| 56 | 8.763  | 2400 | 2402 | 2404 | rBV2 | 438    | 234     | 0.02%  | 0.002%  |
| 57 | 8.792  | 2409 | 2411 | 2417 | rVB3 | 557    | 380     | 0.03%  | 0.004%  |
| 58 | 8.853  | 2418 | 2430 | 2451 | rBV  | 617552 | 1017855 | 81.94% | 10.035% |
| 59 | 9.146  | 2515 | 2521 | 2522 | rBV4 | 2162   | 1711    | 0.14%  | 0.017%  |
| 60 | 9.236  | 2547 | 2549 | 2550 | rVV  | 381    | 183     | 0.01%  | 0.002%  |
| 61 | 9.297  | 2563 | 2568 | 2569 | rBV3 | 386    | 264     | 0.02%  | 0.003%  |
| 62 | 9.349  | 2581 | 2584 | 2588 | rBV2 | 436    | 289     | 0.02%  | 0.003%  |
| 63 | 9.397  | 2596 | 2599 | 2602 | rBV  | 524    | 295     | 0.02%  | 0.003%  |
| 64 | 9.435  | 2609 | 2611 | 2614 | rBV2 | 319    | 172     | 0.01%  | 0.002%  |
| 65 | 9.561  | 2642 | 2650 | 2651 | rBV6 | 1504   | 1806    | 0.15%  | 0.018%  |
| 66 | 9.635  | 2670 | 2673 | 2675 | rBV  | 288    | 151     | 0.01%  | 0.001%  |
| 67 | 9.673  | 2681 | 2685 | 2687 | rBV2 | 238    | 185     | 0.01%  | 0.002%  |
| 68 | 9.876  | 2744 | 2748 | 2749 | rBV2 | 538    | 313     | 0.03%  | 0.003%  |
| 69 | 9.937  | 2759 | 2767 | 2779 | rBV3 | 1802   | 3169    | 0.26%  | 0.031%  |
| 70 | 10.040 | 2797 | 2799 | 2801 | rVB  | 432    | 146     | 0.01%  | 0.001%  |
| 71 | 10.062 | 2804 | 2806 | 2811 | rBV3 | 226    | 156     | 0.01%  | 0.002%  |
| 72 | 10.133 | 2819 | 2828 | 2836 | rBV7 | 2516   | 4420    | 0.36%  | 0.044%  |
| 73 | 10.220 | 2842 | 2855 | 2877 | rBV  | 400224 | 637639  | 51.33% | 6.287%  |
| 74 | 10.387 | 2900 | 2907 | 2921 | rVB3 | 4163   | 6958    | 0.56%  | 0.069%  |
| 75 | 10.458 | 2926 | 2929 | 2934 | rVV3 | 356    | 236     | 0.02%  | 0.002%  |
| 76 | 10.548 | 2951 | 2957 | 2963 | rBV6 | 2106   | 2389    | 0.19%  | 0.024%  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV083021\  
 Data File : VV022007.D  
 Acq On : 30 Aug 2021 16:39  
 Operator : SY/MD  
 Sample : M3566-10  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DBKH6

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\SFAMVLM082721WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |         |        |         |
|-----|--------|------|------|------|------|--------|---------|--------|---------|
| 77  | 10.677 | 2992 | 2997 | 3002 | rBV3 | 582    | 556     | 0.04%  | 0.005%  |
| 78  | 10.789 | 3030 | 3032 | 3037 | rVB  | 540    | 316     | 0.03%  | 0.003%  |
| 79  | 10.924 | 3065 | 3074 | 3081 | rBV5 | 4733   | 6791    | 0.55%  | 0.067%  |
| 80  | 10.976 | 3086 | 3090 | 3092 | rBV  | 222    | 174     | 0.01%  | 0.002%  |
| 81  | 11.149 | 3137 | 3144 | 3147 | rBV4 | 1727   | 1882    | 0.15%  | 0.019%  |
| 82  | 11.191 | 3151 | 3157 | 3165 | rVB5 | 3112   | 4085    | 0.33%  | 0.040%  |
| 83  | 11.252 | 3165 | 3176 | 3196 | rBV  | 656935 | 1044893 | 84.11% | 10.302% |
| 84  | 11.538 | 3258 | 3265 | 3280 | rBV5 | 4432   | 8552    | 0.69%  | 0.084%  |
| 85  | 11.628 | 3280 | 3293 | 3315 | rBV  | 602836 | 972516  | 78.29% | 9.588%  |
| 86  | 11.744 | 3327 | 3329 | 3335 | rVB4 | 874    | 731     | 0.06%  | 0.007%  |
| 87  | 11.779 | 3336 | 3340 | 3343 | rBV4 | 831    | 789     | 0.06%  | 0.008%  |
| 88  | 11.844 | 3358 | 3360 | 3361 | rBV  | 387    | 202     | 0.02%  | 0.002%  |
| 89  | 11.966 | 3396 | 3398 | 3402 | rBV2 | 311    | 192     | 0.02%  | 0.002%  |
| 90  | 12.011 | 3408 | 3412 | 3417 | rBV2 | 487    | 438     | 0.04%  | 0.004%  |
| 91  | 12.130 | 3447 | 3449 | 3452 | rBV2 | 285    | 170     | 0.01%  | 0.002%  |
| 92  | 12.252 | 3484 | 3487 | 3491 | rBV2 | 735    | 670     | 0.05%  | 0.007%  |
| 93  | 12.320 | 3504 | 3508 | 3509 | rBV2 | 375    | 250     | 0.02%  | 0.002%  |
| 94  | 12.419 | 3536 | 3539 | 3540 | rBV2 | 615    | 373     | 0.03%  | 0.004%  |
| 95  | 12.464 | 3551 | 3553 | 3555 | rBV2 | 321    | 170     | 0.01%  | 0.002%  |
| 96  | 12.651 | 3604 | 3611 | 3623 | rVB4 | 5644   | 8848    | 0.71%  | 0.087%  |
| 97  | 13.075 | 3741 | 3743 | 3748 | rVB2 | 291    | 200     | 0.02%  | 0.002%  |
| 98  | 13.268 | 3797 | 3803 | 3813 | rVB3 | 7893   | 11016   | 0.89%  | 0.109%  |
| 99  | 13.512 | 3871 | 3879 | 3889 | rBV2 | 14793  | 22994   | 1.85%  | 0.227%  |
| 100 | 13.750 | 3945 | 3953 | 3962 | rVB3 | 8805   | 13056   | 1.05%  | 0.129%  |

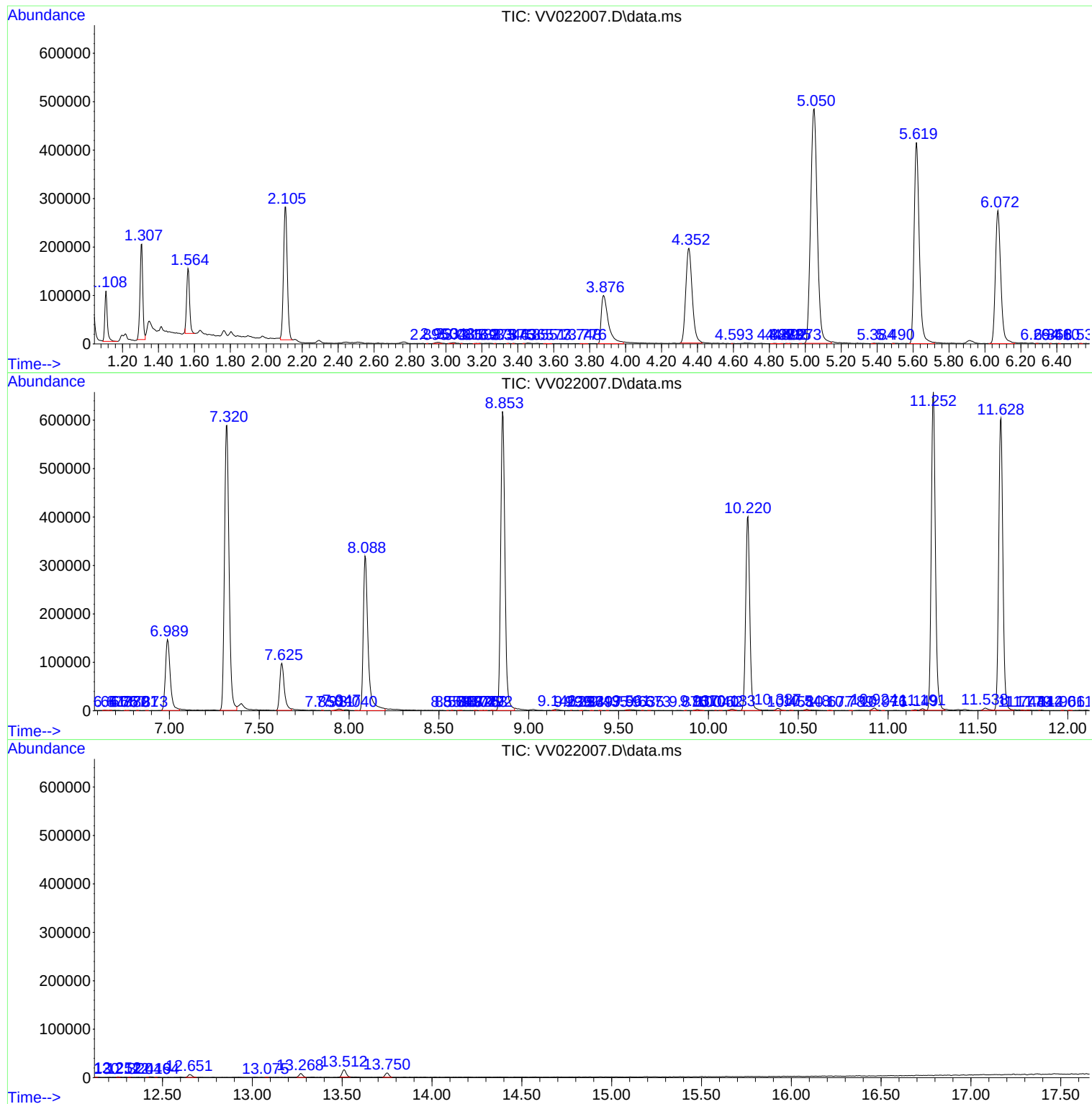
Sum of corrected areas: 10142744

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV083021\  
Data File : VV022007.D  
Acq On : 30 Aug 2021 16:39  
Operator : SY/MD  
Sample : M3566-10  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
DBKH6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082721WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV083021\  
Data File : VV022007.D  
Acq On : 30 Aug 2021 16:39  
Operator : SY/MD  
Sample : M3566-10  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
DBKH6

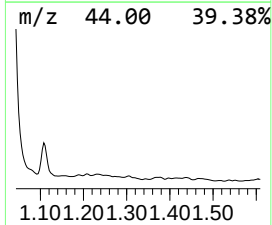
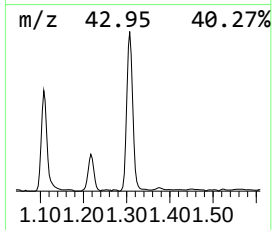
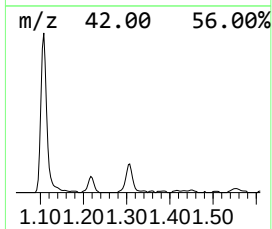
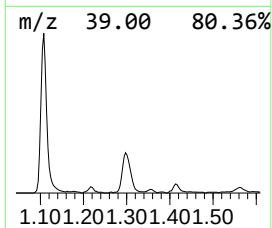
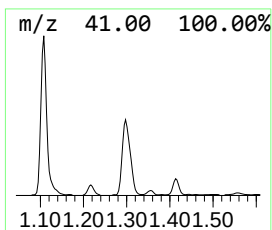
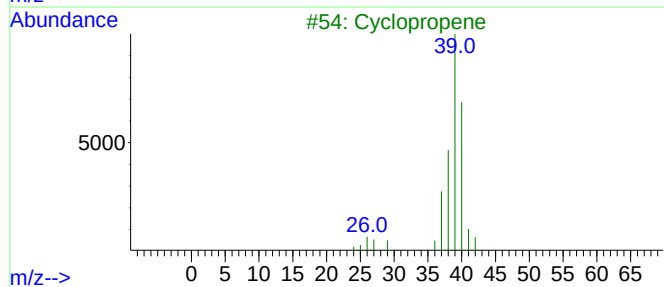
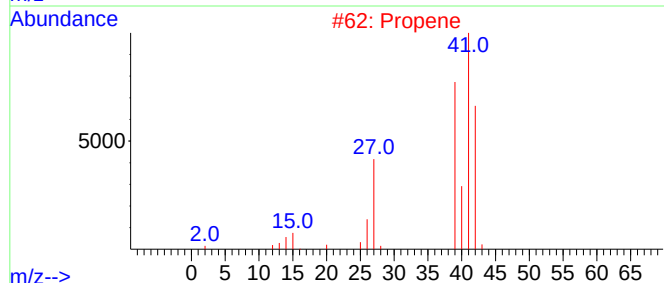
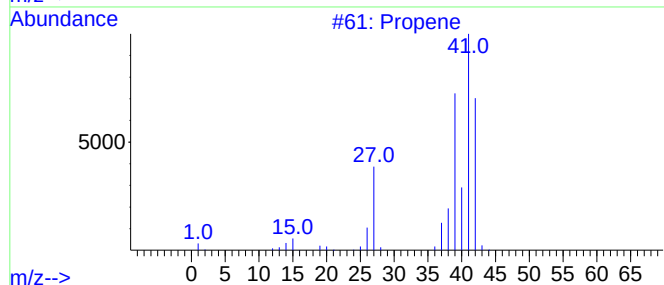
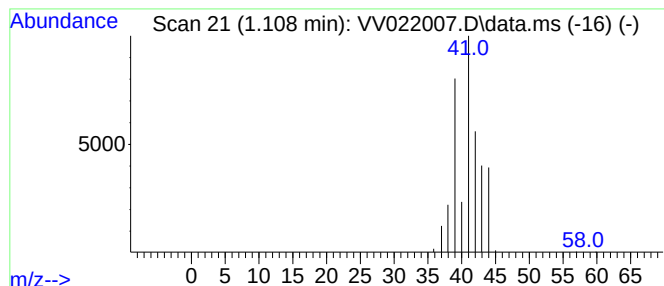
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082721WMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.  | EstConc   | Area   | Relative to ISTD    | R.T.  |
|-------|-----------|--------|---------------------|-------|
| 1.108 | 6.02 ug/L | 100287 | 1,4-Difluorobenzene | 5.619 |

| Hit# | of | 5 | Tentative ID | MW | MolForm | CAS#        | Qual |
|------|----|---|--------------|----|---------|-------------|------|
| 1    |    |   | Propene      | 42 | C3H6    | 000115-07-1 | 86   |
| 2    |    |   | Propene      | 42 | C3H6    | 000115-07-1 | 42   |
| 3    |    |   | Cyclopropene | 40 | C3H4    | 002781-85-3 | 9    |
| 4    |    |   | Cyclopropane | 42 | C3H6    | 000075-19-4 | 9    |
| 5    |    |   | Cyclopropane | 42 | C3H6    | 000075-19-4 | 7    |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV083021\  
Data File : VV022007.D  
Acq On : 30 Aug 2021 16:39  
Operator : SY/MD  
Sample : M3566-10  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
DBKH6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082721WMA.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 |
| (DEL) Alkane: S... | 1.108 | 6.0     | ug/L  | 100287   | 1                     | 5.619 | 833295 | 50.0 |