LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020521\
Data File : VU042280.D
Acq On : 05 Feb 2021 14:10
Operator : SY/MD
Sample : M1326-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** X2Z54

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_U\Method\SFAMULM020521WMA.M
Title : VOC Analysis

Signal : TIC: VU042280.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.388 | 9 | 15 | 30 | rVB | 31847 | 37657 | 0.25% | 0.125% |
| 2 | 1.485 | 39 | 45 | 50 | rBV | 42032 | 40756 | 0.27% | 0.136% |
| 3 | 1.523 | 50 | 57 | 69 | rVB | 79728 | 89951 | 0.61% | 0.299% |
| 4 | 1.600 | 74 | 81 | 97 | rVB | 93926 | 111492 | 0.75% | 0.371% |
| 5 | 1.880 | 156 | 168 | 176 | rBV | 885302 | 1167834 | 7.86% | 3.886% |
| 6 | 2.137 | 239 | 248 | 262 | rVB | 98119 | 143941 | 0.97% | 0.479% |
| 7 | 2.575 | 371 | 384 | 394 | rBV2 | 241139 | 480087 | 3.23% | 1.598% |
| 8 | 2.645 | 395 | 406 | 444 | rVB | 8338088 | 14851329 | 100.00% | 49.422% |
| 9 | 3.369 | 613 | 631 | 658 | rBV2 | 585135 | 1388141 | 9.35% | 4.619% |
| 10 | 3.587 | 694 | 699 | 706 | rBV4 | 1105 | 1683 | 0.01% | 0.006% |
| 11 | 3.761 | 750 | 753 | 755 | rBV2 | 192 | 144 | 0.00% | 0.000% |
| 12 | 3.874 | 782 | 788 | 789 | rBV | 189 | 148 | 0.00% | 0.000% |
| 13 | 4.018 | 829 | 833 | 837 | rBV | 133 | 102 | 0.00% | 0.000% |
| 14 | 4.070 | 846 | 849 | 853 | rBV | 263 | 263 | 0.00% | 0.001% |
| 15 | 4.137 | 868 | 870 | 873 | rVV2 | 163 | 105 | 0.00% | 0.000% |
| 16 | 4.211 | 889 | 893 | 898 | rBV | 101 | 105 | 0.00% | 0.000% |
| 17 | 4.304 | 919 | 922 | 926 | rVB | 212 | 132 | 0.00% | 0.000% |
| 18 | 4.642 | 1010 | 1027 | 1066 | rBV | 77448 | 234866 | 1.58% | 0.782% |
| 19 | 4.864 | 1093 | 1096 | 1097 | rBV | 168 | 97 | 0.00% | 0.000% |
| 20 | 4.925 | 1113 | 1115 | 1122 | rVB | 258 | 163 | 0.00% | 0.001% |
| 21 | 5.083 | 1143 | 1164 | 1189 | rVV3 | 201220 | 632193 | 4.26% | 2.104% |
| 22 | 5.185 | 1193 | 1196 | 1200 | rVV3 | 260 | 144 | 0.00% | 0.000% |
| 23 | 5.324 | 1218 | 1239 | 1256 | rBV2 | 68441 | 152991 | 1.03% | 0.509% |
| 24 | 5.533 | 1289 | 1304 | 1321 | rBV | 97085 | 209218 | 1.41% | 0.696% |
| 25 | 5.735 | 1343 | 1367 | 1379 | rBV2 | 302266 | 817216 | 5.50% | 2.720% |
| 26 | 5.986 | 1440 | 1445 | 1448 | rBV | 124 | 122 | 0.00% | 0.000% |
| 27 | 6.092 | 1472 | 1478 | 1483 | rVB3 | 601 | 504 | 0.00% | 0.002% |
| 28 | 6.121 | 1483 | 1487 | 1488 | rBV | 258 | 144 | 0.00% | 0.000% |
| 29 | 6.195 | 1505 | 1510 | 1513 | rVB2 | 299 | 207 | 0.00% | 0.001% |
| 30 | 6.256 | 1514 | 1529 | 1544 | rBV | 244902 | 461783 | 3.11% | 1.537% |
| 31 | 6.404 | 1569 | 1575 | 1588 | rVB3 | 3327 | 5475 | 0.04% | 0.018% |
| 32 | 6.459 | 1589 | 1592 | 1596 | rBV | 288 | 171 | 0.00% | 0.001% |
| 33 | 6.549 | 1610 | 1620 | 1629 | rVB7 | 4483 | 8363 | 0.06% | 0.028% |
| 34 | 6.591 | 1630 | 1633 | 1634 | rBV7 | 227 | 111 | 0.00% | 0.000% |
| 35 | 6.603 | 1635 | 1637 | 1640 | rVB | 281 | 146 | 0.00% | 0.000% |
| 36 | 6.700 | 1652 | 1667 | 1678 | rBV | 190329 | 367104 | 2.47% | 1.222% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020521\
Data File : VU042280.D
Acq On : 05 Feb 2021 14:10
Operator : SY/MD
Sample : M1326-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** X2Z54

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_U\Method\SFAMULM020521WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 6.771 | 1680 | 1689 | 1710 | rVB | 165238 | 319356 | 2.15% | 1.063% |
| 38 | 7.025 | 1749 | 1768 | 1793 | rVV3 | 12454 | 48711 | 0.33% | 0.162% |
| 39 | 7.224 | 1813 | 1830 | 1852 | rVV3 | 31995 | 57602 | 0.39% | 0.192% |
| 40 | 7.382 | 1870 | 1879 | 1891 | rVB2 | 6433 | 10997 | 0.07% | 0.037% |
| 41 | 7.500 | 1907 | 1916 | 1919 | rBV | 93 | 147 | 0.00% | 0.000% |
| 42 | 7.574 | 1926 | 1939 | 1945 | rBV | 116594 | 201906 | 1.36% | 0.672% |
| 43 | 7.806 | 1997 | 2011 | 2029 | rVV | 160621 | 313015 | 2.11% | 1.042% |
| 44 | 7.906 | 2030 | 2042 | 2053 | rVV | 383837 | 651310 | 4.39% | 2.167% |
| 45 | 7.976 | 2054 | 2064 | 2083 | rVB | 441110 | 747289 | 5.03% | 2.487% |
| 46 | 8.189 | 2116 | 2130 | 2150 | rBV2 | 123652 | 210532 | 1.42% | 0.701% |
| 47 | 8.410 | 2186 | 2199 | 2215 | rBV | 131241 | 223770 | 1.51% | 0.745% |
| 48 | 8.529 | 2233 | 2236 | 2239 | rBV2 | 169 | 121 | 0.00% | 0.000% |
| 49 | 8.565 | 2239 | 2247 | 2253 | rBV5 | 1484 | 2061 | 0.01% | 0.007% |
| 50 | 8.648 | 2259 | 2273 | 2297 | rBV | 281805 | 512130 | 3.45% | 1.704% |
| 51 | 8.819 | 2314 | 2326 | 2344 | rVB | 67480 | 116328 | 0.78% | 0.387% |
| 52 | 8.931 | 2349 | 2361 | 2381 | rBV | 100738 | 171567 | 1.16% | 0.571% |
| 53 | 9.079 | 2403 | 2407 | 2411 | rVV2 | 186 | 135 | 0.00% | 0.000% |
| 54 | 9.217 | 2446 | 2450 | 2453 | rBV | 205 | 122 | 0.00% | 0.000% |
| 55 | 9.304 | 2474 | 2477 | 2483 | rVB | 169 | 102 | 0.00% | 0.000% |
| 56 | 9.426 | 2501 | 2515 | 2535 | rVV | 342415 | 563803 | 3.80% | 1.876% |
| 57 | 9.581 | 2555 | 2563 | 2568 | rVB2 | 899 | 1056 | 0.01% | 0.004% |
| 58 | 9.706 | 2589 | 2602 | 2617 | rBV | 339095 | 527540 | 3.55% | 1.756% |
| 59 | 9.825 | 2634 | 2639 | 2645 | rBV2 | 281 | 288 | 0.00% | 0.001% |
| 60 | 9.983 | 2683 | 2688 | 2692 | rVB2 | 199 | 184 | 0.00% | 0.001% |
| 61 | 10.005 | 2692 | 2695 | 2696 | rBV2 | 183 | 104 | 0.00% | 0.000% |
| 62 | 10.121 | 2720 | 2731 | 2752 | rBV | 174928 | 277193 | 1.87% | 0.922% |
| 63 | 10.201 | 2752 | 2756 | 2759 | rBV | 187 | 112 | 0.00% | 0.000% |
| 64 | 10.259 | 2771 | 2774 | 2781 | rBV | 124 | 133 | 0.00% | 0.000% |
| 65 | 10.304 | 2784 | 2788 | 2793 | rVB | 437 | 313 | 0.00% | 0.001% |
| 66 | 10.491 | 2841 | 2846 | 2853 | rVB2 | 751 | 874 | 0.01% | 0.003% |
| 67 | 10.555 | 2862 | 2866 | 2870 | rBV | 231 | 136 | 0.00% | 0.000% |
| 68 | 10.767 | 2919 | 2932 | 2957 | rBV2 | 274782 | 648001 | 4.36% | 2.156% |
| 69 | 10.899 | 2969 | 2973 | 2974 | rBV | 236 | 181 | 0.00% | 0.001% |
| 70 | 10.934 | 2981 | 2984 | 2987 | rBV | 212 | 151 | 0.00% | 0.001% |
| 71 | 10.986 | 2990 | 3000 | 3014 | rVB2 | 19169 | 31909 | 0.21% | 0.106% |
| 72 | 11.095 | 3027 | 3034 | 3041 | rBV4 | 1098 | 1603 | 0.01% | 0.005% |
| 73 | 11.185 | 3059 | 3062 | 3067 | rVB2 | 209 | 155 | 0.00% | 0.001% |
| 74 | 11.298 | 3091 | 3097 | 3101 | rBV3 | 1685 | 2332 | 0.02% | 0.008% |
| 75 | 11.346 | 3102 | 3112 | 3124 | rVB | 74862 | 120672 | 0.81% | 0.402% |
| 76 | 11.475 | 3139 | 3152 | 3173 | rVB | 515244 | 794715 | 5.35% | 2.645% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020521\
Data File : VU042280.D
Acq On : 05 Feb 2021 14:10
Operator : SY/MD
Sample : M1326-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** X2Z54

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_U\Method\SFAMULM020521WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 11.549 | 3173 | 3175 | 3178 | rVB | 188 | 127 | 0.00% | 0.000% |
| 78 | 11.610 | 3191 | 3194 | 3196 | rBV2 | 473 | 289 | 0.00% | 0.001% |
| 79 | 11.754 | 3234 | 3239 | 3245 | rVB2 | 796 | 868 | 0.01% | 0.003% |
| 80 | 11.822 | 3245 | 3260 | 3282 | rBV2 | 395929 | 966819 | 6.51% | 3.217% |
| 81 | 12.031 | 3308 | 3325 | 3339 | rBV | 25188 | 41944 | 0.28% | 0.140% |
| 82 | 12.150 | 3357 | 3362 | 3363 | rBV | 215 | 156 | 0.00% | 0.001% |
| 83 | 12.201 | 3365 | 3378 | 3401 | rVB | 393313 | 626684 | 4.22% | 2.085% |
| 84 | 12.285 | 3403 | 3404 | 3407 | rBV | 196 | 114 | 0.00% | 0.000% |
| 85 | 12.340 | 3419 | 3421 | 3423 | rBV2 | 376 | 189 | 0.00% | 0.001% |
| 86 | 12.526 | 3475 | 3479 | 3487 | rBV | 278 | 297 | 0.00% | 0.001% |
| 87 | 12.561 | 3487 | 3490 | 3492 | rBV | 186 | 111 | 0.00% | 0.000% |
| 88 | 12.690 | 3525 | 3530 | 3535 | rVB3 | 1279 | 1225 | 0.01% | 0.004% |
| 89 | 12.954 | 3603 | 3612 | 3618 | rBV2 | 7523 | 11794 | 0.08% | 0.039% |
| 90 | 13.008 | 3619 | 3629 | 3642 | rVV | 87217 | 137042 | 0.92% | 0.456% |
| 91 | 13.066 | 3645 | 3647 | 3650 | rVB2 | 215 | 122 | 0.00% | 0.000% |
| 92 | 13.124 | 3662 | 3665 | 3669 | rBV | 233 | 154 | 0.00% | 0.001% |
| 93 | 13.339 | 3723 | 3732 | 3740 | rBV3 | 9502 | 14046 | 0.09% | 0.047% |
| 94 | 13.555 | 3794 | 3799 | 3809 | rBV3 | 958 | 1185 | 0.01% | 0.004% |
| 95 | 13.802 | 3873 | 3876 | 3880 | rBV | 260 | 166 | 0.00% | 0.001% |
| 96 | 13.851 | 3884 | 3891 | 3898 | rVV4 | 1176 | 1477 | 0.01% | 0.005% |
| 97 | 14.095 | 3959 | 3967 | 3979 | rVB2 | 1573 | 2438 | 0.02% | 0.008% |
| 98 | 14.208 | 4000 | 4002 | 4004 | rBV | 235 | 119 | 0.00% | 0.000% |
| 99 | 14.240 | 4008 | 4012 | 4017 | rBV | 241 | 285 | 0.00% | 0.001% |
| 100 | 14.339 | 4031 | 4043 | 4061 | rVB | 306688 | 478982 | 3.23% | 1.594% |

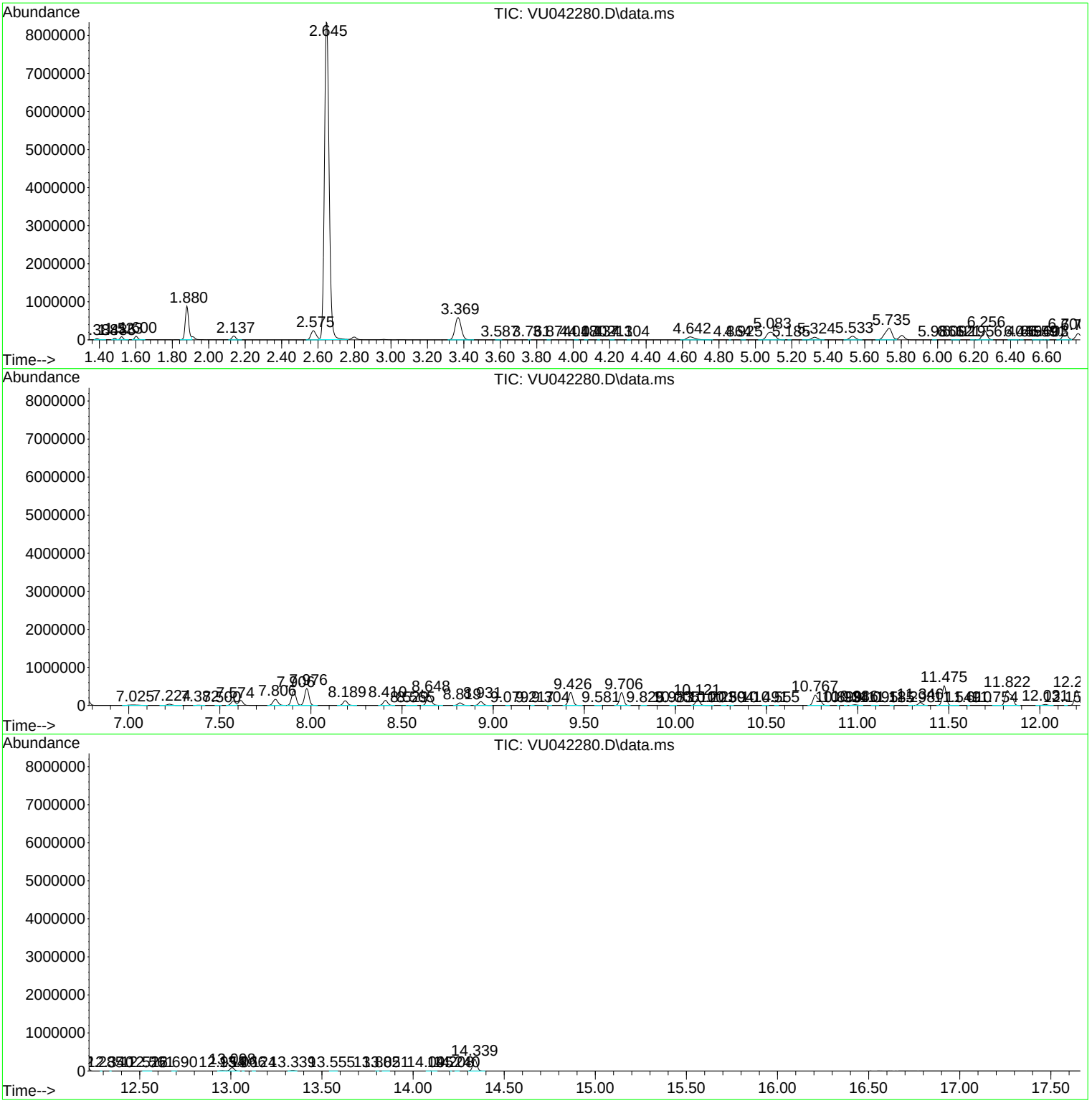
Sum of corrected areas: 30050177

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020521\
Data File : VU042280.D
Acq On : 05 Feb 2021 14:10
Operator : SY/MD
Sample : M1326-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
X2Z54

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020521WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020521\
Data File : VU042280.D
Acq On : 05 Feb 2021 14:10
Operator : SY/MD
Sample : M1326-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** X2Z54

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020521WMA.M
Quant Title : VOC Analysis

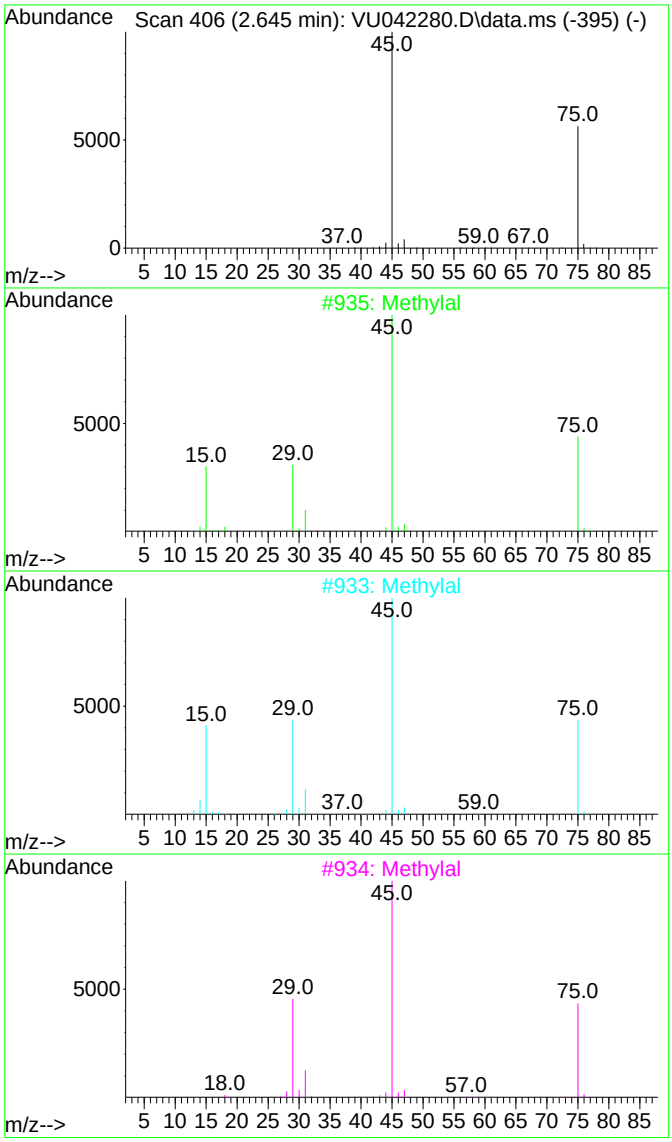
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

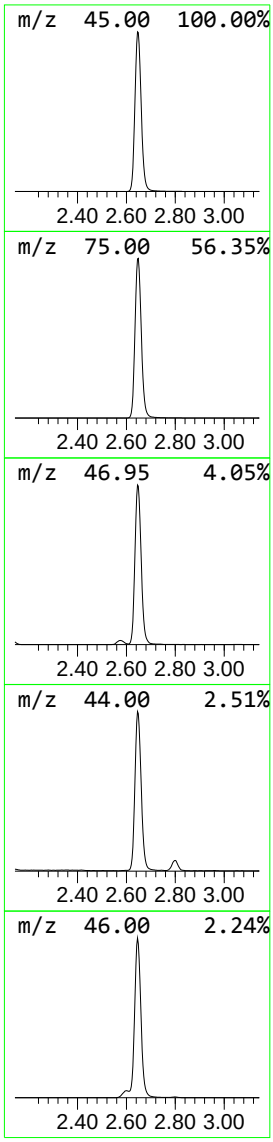
**********

Peak Number 1 Methylal Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.645 | 1608.04 ug/L | 14851300 | 1,4-Difluorobenzene | 6.256 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Methylal | 76 | C3H8O2 | 000109-87-5 | 78 |
| 2 | Methylal | 76 | C3H8O2 | 000109-87-5 | 78 |
| 3 | Methylal | 76 | C3H8O2 | 000109-87-5 | 59 |
| 4 | Methanamine, N,N-dimethyl-, N-oxide | 75 | C3H9NO | 001184-78-7 | 7 |
| 5 | Ethanethioamide | 75 | C2H5NS | 000062-55-5 | 5 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020521\
Data File : VU042280.D
Acq On : 05 Feb 2021 14:10
Operator : SY/MD
Sample : M1326-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** X2Z54

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020521WMA.M
Quant Title : VOC Analysis

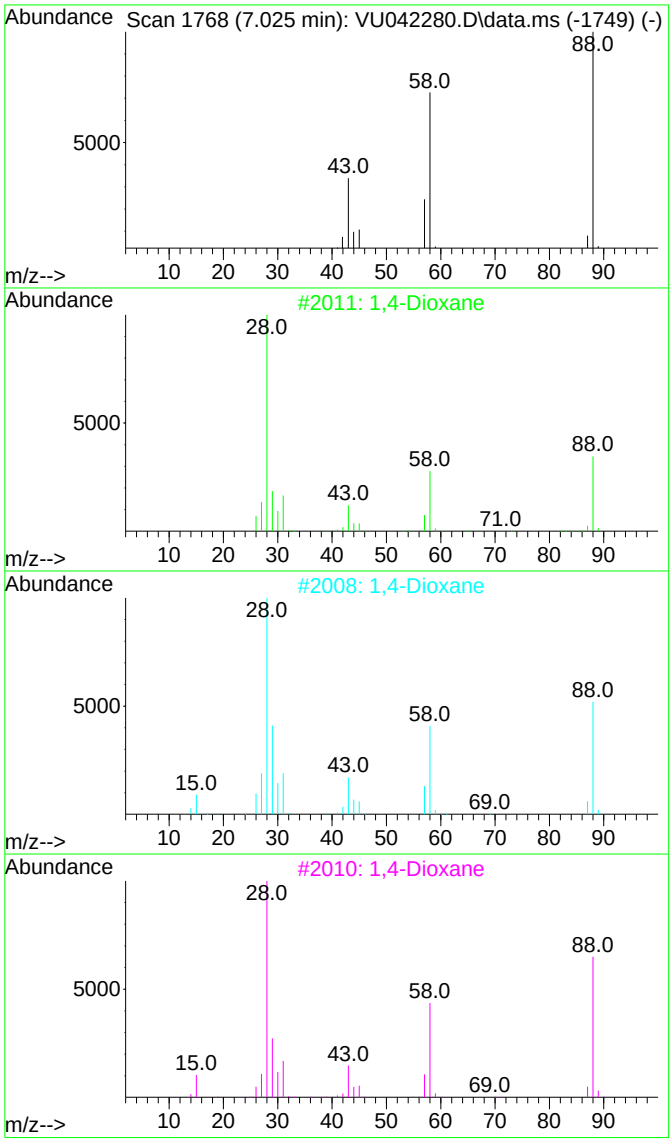
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

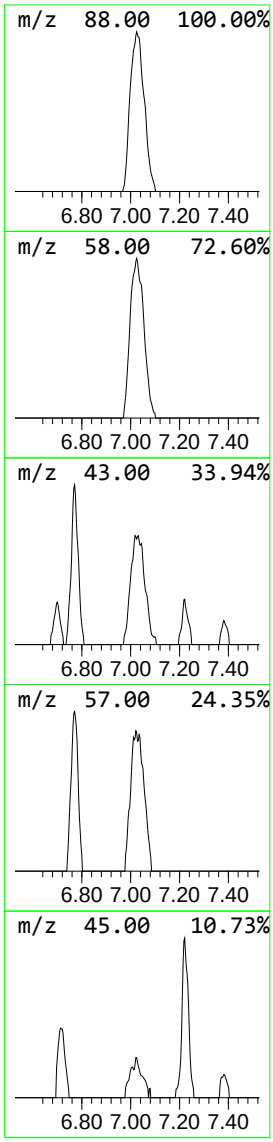
**********

Peak Number 2 1,4-Dioxane Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.025 | 5.27 ug/L | 48711 | 1,4-Difluorobenzene | 6.256 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,4-Dioxane | 88 | C4H8O2 | 000123-91-1 | 91 |
| 2 | 1,4-Dioxane | 88 | C4H8O2 | 000123-91-1 | 91 |
| 3 | 1,4-Dioxane | 88 | C4H8O2 | 000123-91-1 | 90 |
| 4 | 1,4-Dioxane | 88 | C4H8O2 | 000123-91-1 | 90 |
| 5 | Urea, N,N'-dimethyl- | 88 | C3H8N2O | 000096-31-1 | 40 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020521\
Data File : VU042280.D
Acq On : 05 Feb 2021 14:10
Operator : SY/MD
Sample : M1326-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** X2Z54

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020521WMA.M
Quant Title : VOC Analysis

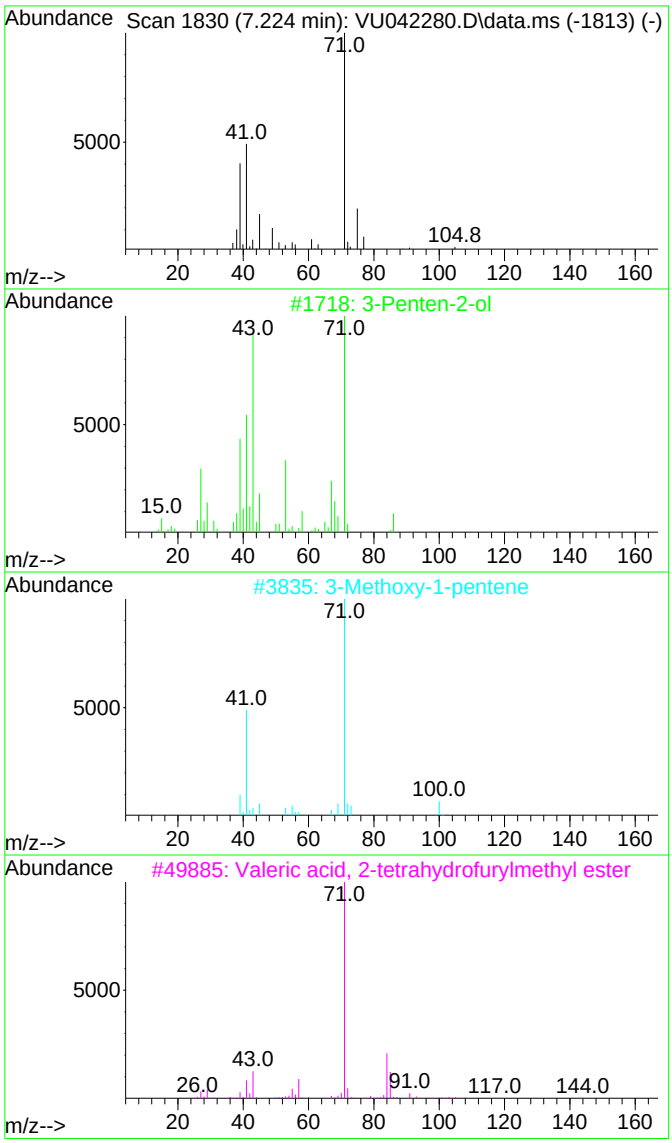
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

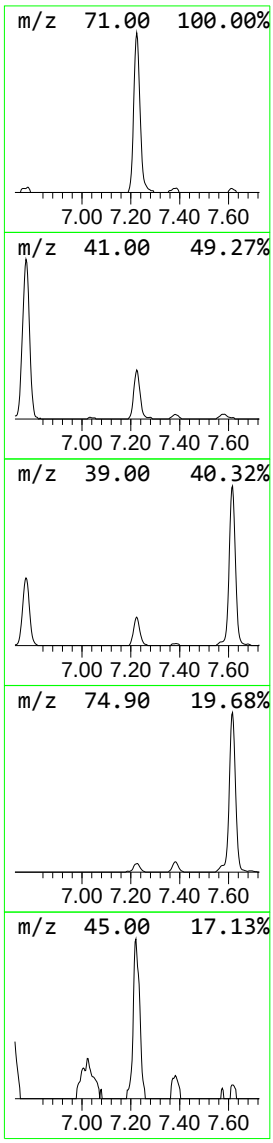
**********

Peak Number 3 unknown-02 Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.224 | 6.24 ug/L | 57602 | 1,4-Difluorobenzene | 6.256 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Penten-2-ol | 86 | C5H10O | 001569-50-2 | 39 |
| 2 | 3-Methoxy-1-pentene | 100 | C6H12O | 014092-18-3 | 23 |
| 3 | Valeric acid, 2-tetrahydrofurylm... | 186 | C10H18O3 | 005451-86-5 | 9 |
| 4 | Butanoic acid, 2-propenyl ester | 128 | C7H12O2 | 002051-78-7 | 9 |
| 5 | Butanoic acid, 2-pentenyl ester,... | 156 | C9H16O2 | 042125-13-3 | 9 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020521\
Data File : VU042280.D
Acq On : 05 Feb 2021 14:10
Operator : SY/MD
Sample : M1326-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** X2Z54

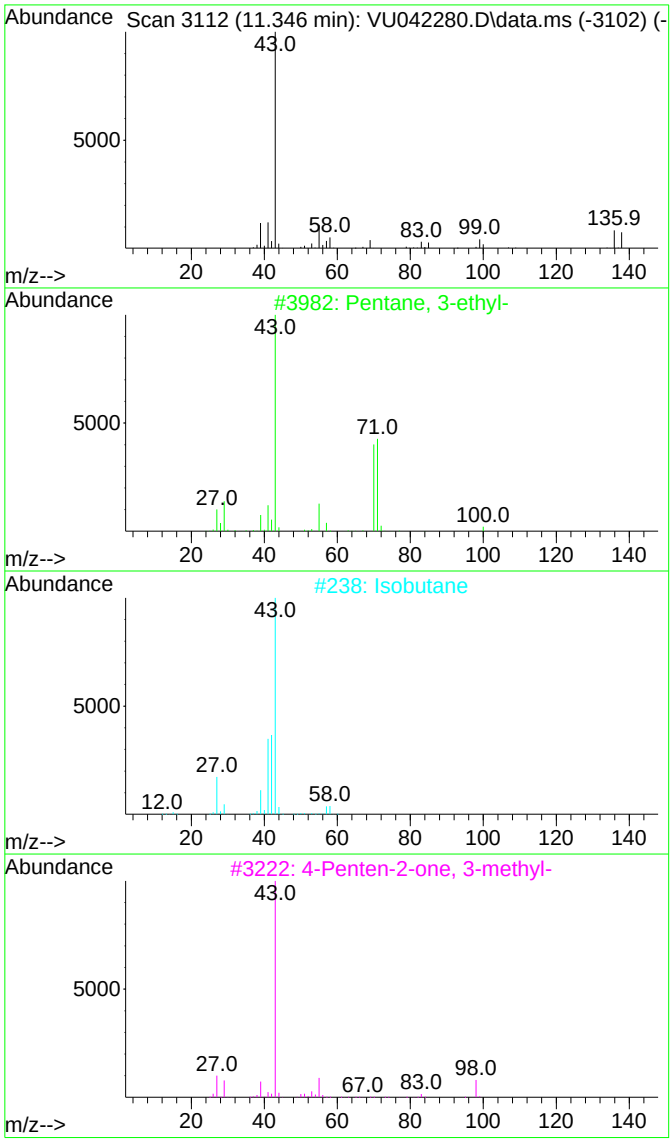
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020521WMA.M
Quant Title : VOC Analysis

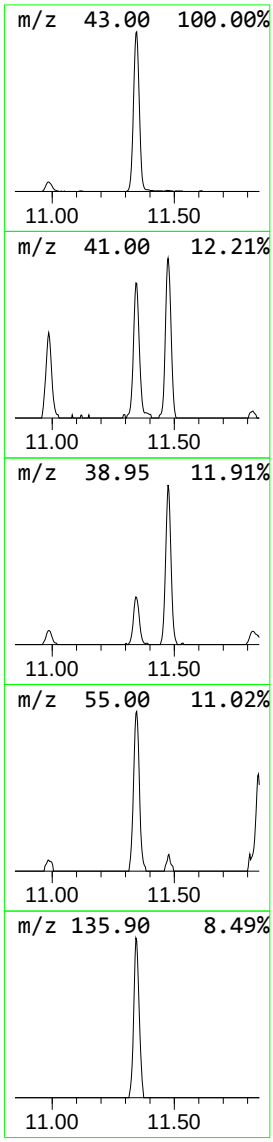
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.346 | 6.24 ug/L | 120672 | 1,4-Dichlorobenzene-d4 | 11.822 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentane, 3-ethyl- | 100 | C7H16 | 000617-78-7 | 35 |
| 2 | Isobutane | 58 | C4H10 | 000075-28-5 | 32 |
| 3 | 4-Penten-2-one, 3-methyl- | 98 | C6H10O | 000758-87-2 | 12 |
| 4 | 4-Penten-2-one, 4-methyl- | 98 | C6H10O | 003744-02-3 | 9 |
| 5 | Propane, 1-isocyanato-2-methyl- | 99 | C5H9NO | 001873-29-6 | 9 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020521\
Data File : VU042280.D
Acq On : 05 Feb 2021 14:10
Operator : SY/MD
Sample : M1326-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** X2Z54

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020521WMA.M
Quant Title : VOC Analysis

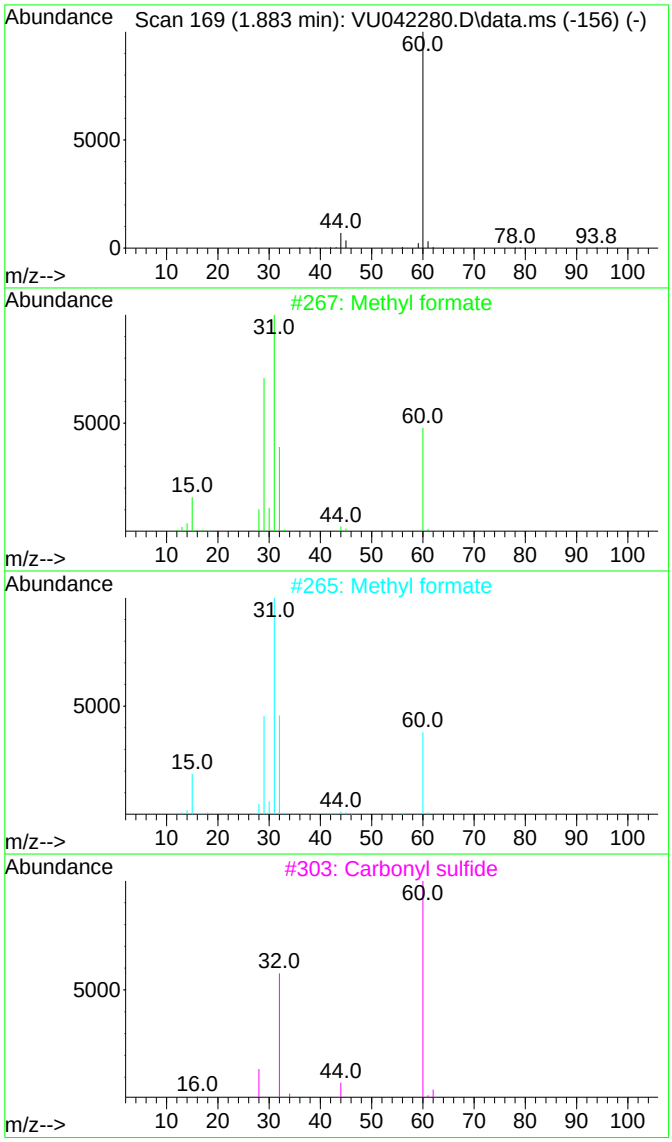
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

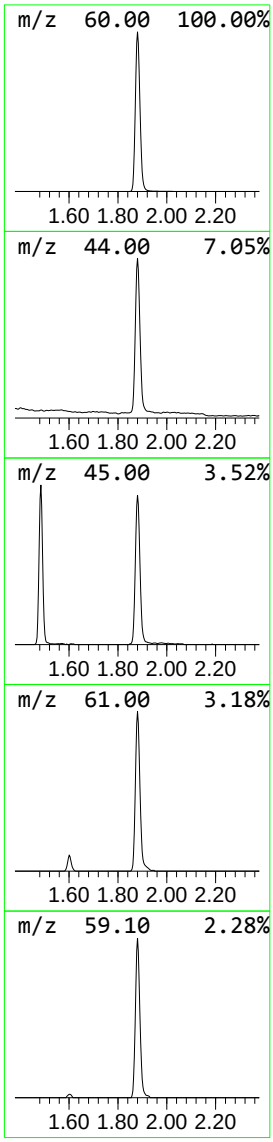
**********

Peak Number 5 unknown-01 Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 1.880 | 126.45 ug/L | 1167830 | 1,4-Difluorobenzene | 6.256 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Methyl formate | 60 | C2H4O2 | 000107-31-3 | 7 |
| 2 | Methyl formate | 60 | C2H4O2 | 000107-31-3 | 7 |
| 3 | Carbonyl sulfide | 60 | COS | 000463-58-1 | 5 |
| 4 | Urea | 60 | CH4N2O | 000057-13-6 | 5 |
| 5 | Methyl formate | 60 | C2H4O2 | 000107-31-3 | 5 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020521\
Data File : VU042280.D
Acq On : 05 Feb 2021 14:10
Operator : SY/MD
Sample : M1326-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** X2Z54

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020521WMA.M
Quant Title : VOC Analysis

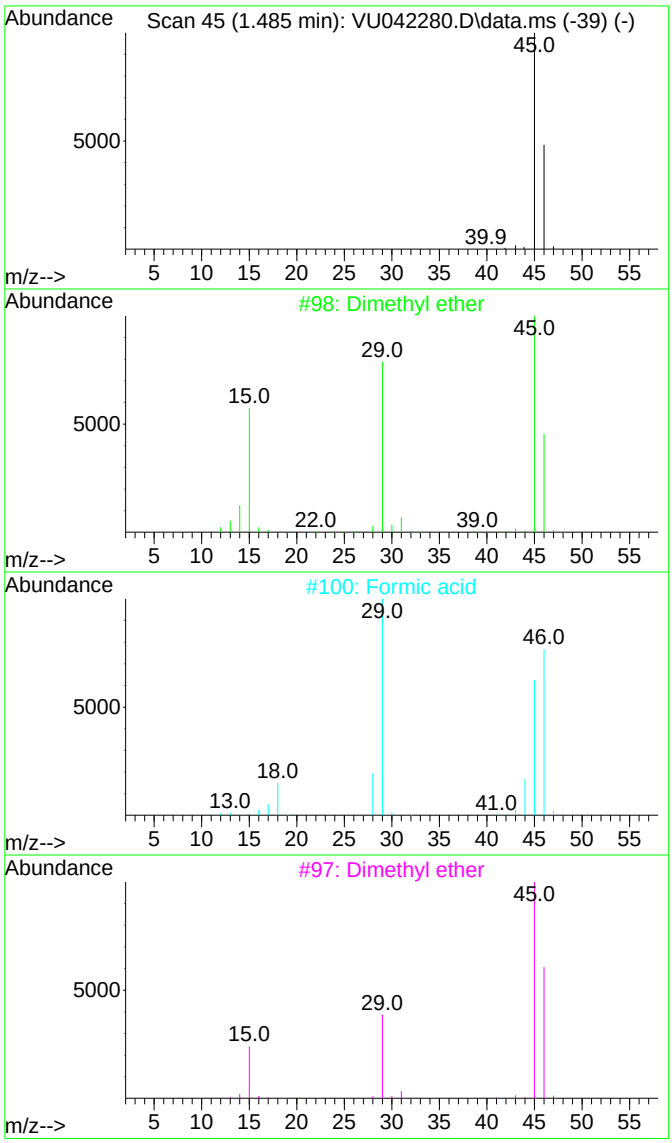
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

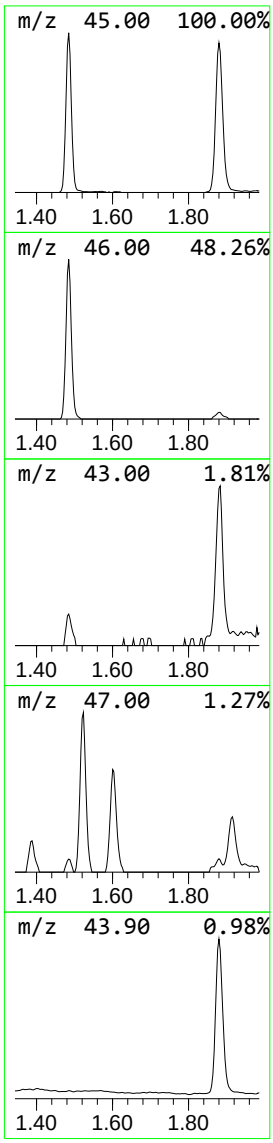
**********

Peak Number 7 Dimethyl ether Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 1.485 | 4.41 ug/L | 40756 | 1,4-Difluorobenzene | 6.256 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dimethyl ether | 46 | C2H6O | 000115-10-6 | 64 |
| 2 | Formic acid | 46 | CH2O2 | 000064-18-6 | 37 |
| 3 | Dimethyl ether | 46 | C2H6O | 000115-10-6 | 9 |
| 4 | Ethanol | 46 | C2H6O | 000064-17-5 | 7 |
| 5 | Ethanol | 46 | C2H6O | 000064-17-5 | 7 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020521\
Data File : VU042280.D
Acq On : 05 Feb 2021 14:10
Operator : SY/MD
Sample : M1326-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** X2Z54

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020521WMA.M
Quant Title : VOC Analysis

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

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Methylal | 2.645 | 1608.0 | ug/L | 14851300 | 1 | 6.256 | 461783 | 50.0 |
| 1,4-Dioxane | 7.025 | 5.3 | ug/L | 48711 | 1 | 6.256 | 461783 | 50.0 |
| unknown-02 | 7.224 | 6.2 | ug/L | 57602 | 1 | 6.256 | 461783 | 50.0 |
| (DEL) Alkane: S... | 11.346 | 6.2 | ug/L | 120672 | 3 | 11.822 | 966819 | 50.0 |
| unknown-01 | 1.880 | 126.5 | ug/L | 1167830 | 1 | 6.256 | 461783 | 50.0 |
| Dimethyl ether | 1.485 | 4.4 | ug/L | 40756 | 1 | 6.256 | 461783 | 50.0 |