LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037024.D
Acq On : 26 Aug 2024 14:06
Operator : SY/MD
Sample : PB162923TB 10X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
VLEB923

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\SFAMVLM082624WMA.M
Title : VOC Analysis

Signal : TIC: VV037024.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.278 | 67 | 74 | 91 | rBV | 380870 | 408599 | 8.43% | 1.054% |
| 2 | 1.532 | 145 | 153 | 171 | rVB | 313034 | 379823 | 7.83% | 0.980% |
| 3 | 2.059 | 306 | 317 | 328 | rBV | 660097 | 958801 | 19.77% | 2.474% |
| 4 | 2.442 | 430 | 436 | 446 | rVB | 30606 | 47686 | 0.98% | 0.123% |
| 5 | 3.336 | 712 | 714 | 717 | rBV2 | 1339 | 726 | 0.01% | 0.002% |
| 6 | 3.407 | 734 | 736 | 741 | rVB5 | 1548 | 1216 | 0.03% | 0.003% |
| 7 | 3.468 | 751 | 755 | 757 | rBV5 | 1178 | 719 | 0.01% | 0.002% |
| 8 | 3.490 | 759 | 762 | 765 | rVV5 | 972 | 687 | 0.01% | 0.002% |
| 9 | 3.526 | 768 | 773 | 776 | rBV5 | 828 | 894 | 0.02% | 0.002% |
| 10 | 3.674 | 815 | 819 | 820 | rBV4 | 1422 | 672 | 0.01% | 0.002% |
| 11 | 3.709 | 825 | 830 | 834 | rVB5 | 1156 | 936 | 0.02% | 0.002% |
| 12 | 3.747 | 838 | 842 | 844 | rBV5 | 1448 | 1268 | 0.03% | 0.003% |
| 13 | 3.796 | 848 | 857 | 889 | rBV | 149712 | 429856 | 8.86% | 1.109% |
| 14 | 4.143 | 960 | 965 | 968 | rBV5 | 2081 | 2145 | 0.04% | 0.006% |
| 15 | 4.243 | 979 | 996 | 1026 | rBV2 | 415928 | 1081597 | 22.30% | 2.791% |
| 16 | 4.374 | 1034 | 1037 | 1039 | rBV4 | 1589 | 968 | 0.02% | 0.002% |
| 17 | 4.474 | 1065 | 1068 | 1073 | rVB6 | 1191 | 1107 | 0.02% | 0.003% |
| 18 | 4.503 | 1073 | 1077 | 1081 | rBV6 | 965 | 835 | 0.02% | 0.002% |
| 19 | 4.555 | 1090 | 1093 | 1096 | rVB4 | 1146 | 633 | 0.01% | 0.002% |
| 20 | 4.590 | 1100 | 1104 | 1105 | rBV4 | 1207 | 750 | 0.02% | 0.002% |
| 21 | 4.715 | 1139 | 1143 | 1148 | rBV5 | 1783 | 1766 | 0.04% | 0.005% |
| 22 | 4.809 | 1168 | 1172 | 1177 | rBV6 | 1705 | 1943 | 0.04% | 0.005% |
| 23 | 4.950 | 1197 | 1216 | 1250 | rBV2 | 1083590 | 2729118 | 56.28% | 7.042% |
| 24 | 5.201 | 1282 | 1294 | 1323 | rBV2 | 220703 | 505568 | 10.43% | 1.305% |
| 25 | 5.529 | 1385 | 1396 | 1432 | rBV | 750321 | 1515421 | 31.25% | 3.910% |
| 26 | 5.931 | 1516 | 1521 | 1525 | rBV5 | 2211 | 2772 | 0.06% | 0.007% |
| 27 | 5.982 | 1525 | 1537 | 1570 | rVV | 598196 | 1242395 | 25.62% | 3.206% |
| 28 | 6.268 | 1618 | 1626 | 1652 | rBV | 74927 | 225238 | 4.64% | 0.581% |
| 29 | 6.387 | 1653 | 1663 | 1706 | rVV | 2726253 | 4849186 | 100.00% | 12.512% |
| 30 | 6.908 | 1815 | 1825 | 1848 | rBV | 335259 | 619629 | 12.78% | 1.599% |
| 31 | 7.034 | 1862 | 1864 | 1869 | rVB4 | 1383 | 1100 | 0.02% | 0.003% |
| 32 | 7.114 | 1878 | 1889 | 1916 | rBV | 612376 | 1078409 | 22.24% | 2.783% |
| 33 | 7.236 | 1916 | 1927 | 1955 | rVV | 1254369 | 2198438 | 45.34% | 5.673% |
| 34 | 7.545 | 2012 | 2023 | 2048 | rBV2 | 1013905 | 1768793 | 36.48% | 4.564% |
| 35 | 7.857 | 2109 | 2120 | 2140 | rBV | 915454 | 1491189 | 30.75% | 3.848% |
| 36 | 7.969 | 2141 | 2155 | 2160 | rVV3 | 136505 | 256443 | 5.29% | 0.662% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037024.D
Acq On : 26 Aug 2024 14:06
Operator : SY/MD
Sample : PB162923TB 10X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
VLEB923

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\SFAMVLM082624WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 8.017 | 2161 | 2170 | 2193 | rVV3 | 735072 | 1520985 | 31.37% | 3.925% |
| 38 | 8.123 | 2194 | 2203 | 2228 | rVV | 1384619 | 2198468 | 45.34% | 5.673% |
| 39 | 8.233 | 2228 | 2237 | 2265 | rVB | 881510 | 1400926 | 28.89% | 3.615% |
| 40 | 8.612 | 2344 | 2355 | 2379 | rBV | 2788843 | 4269948 | 88.05% | 11.018% |
| 41 | 8.779 | 2395 | 2407 | 2427 | rBV | 1196412 | 1975404 | 40.74% | 5.097% |
| 42 | 9.053 | 2481 | 2492 | 2512 | rBV | 31582 | 65520 | 1.35% | 0.169% |
| 43 | 9.329 | 2568 | 2578 | 2599 | rBV2 | 23165 | 50429 | 1.04% | 0.130% |
| 44 | 9.484 | 2616 | 2626 | 2647 | rBV | 200182 | 344606 | 7.11% | 0.889% |
| 45 | 9.660 | 2678 | 2681 | 2684 | rBV4 | 1738 | 1407 | 0.03% | 0.004% |
| 46 | 9.702 | 2689 | 2694 | 2705 | rVB8 | 4700 | 7764 | 0.16% | 0.020% |
| 47 | 9.857 | 2737 | 2742 | 2743 | rBV4 | 1249 | 1157 | 0.02% | 0.003% |
| 48 | 10.056 | 2802 | 2804 | 2810 | rVB7 | 1296 | 1217 | 0.03% | 0.003% |
| 49 | 10.149 | 2821 | 2833 | 2851 | rBV | 751936 | 1193979 | 24.62% | 3.081% |
| 50 | 10.281 | 2871 | 2874 | 2880 | rVB7 | 2117 | 2115 | 0.04% | 0.005% |
| 51 | 10.471 | 2930 | 2933 | 2942 | rBV8 | 2545 | 2967 | 0.06% | 0.008% |
| 52 | 10.535 | 2950 | 2953 | 2954 | rBV3 | 1330 | 809 | 0.02% | 0.002% |
| 53 | 10.570 | 2961 | 2964 | 2968 | rBV6 | 1186 | 1342 | 0.03% | 0.003% |
| 54 | 10.606 | 2971 | 2975 | 2980 | rBV7 | 1166 | 1224 | 0.03% | 0.003% |
| 55 | 10.760 | 3020 | 3023 | 3025 | rBV4 | 1721 | 1237 | 0.03% | 0.003% |
| 56 | 10.840 | 3045 | 3048 | 3050 | rVV3 | 1819 | 1306 | 0.03% | 0.003% |
| 57 | 10.860 | 3050 | 3054 | 3061 | rVV7 | 3665 | 4660 | 0.10% | 0.012% |
| 58 | 10.895 | 3063 | 3065 | 3069 | rVB4 | 1533 | 989 | 0.02% | 0.003% |
| 59 | 11.030 | 3105 | 3107 | 3110 | rVB4 | 1107 | 714 | 0.01% | 0.002% |
| 60 | 11.130 | 3125 | 3138 | 3143 | rBV10 | 6290 | 12574 | 0.26% | 0.032% |
| 61 | 11.181 | 3143 | 3154 | 3183 | rVV | 1193390 | 1861956 | 38.40% | 4.804% |
| 62 | 11.377 | 3213 | 3215 | 3218 | rVB4 | 1996 | 947 | 0.02% | 0.002% |
| 63 | 11.554 | 3257 | 3270 | 3297 | rBV | 1217177 | 1932739 | 39.86% | 4.987% |
| 64 | 11.873 | 3367 | 3369 | 3374 | rVB5 | 1912 | 1077 | 0.02% | 0.003% |
| 65 | 11.966 | 3393 | 3398 | 3402 | rBV6 | 1145 | 999 | 0.02% | 0.003% |
| 66 | 12.004 | 3405 | 3410 | 3411 | rBV4 | 745 | 637 | 0.01% | 0.002% |
| 67 | 12.310 | 3503 | 3505 | 3509 | rVV4 | 1230 | 1019 | 0.02% | 0.003% |
| 68 | 12.329 | 3509 | 3511 | 3514 | rVV4 | 1155 | 700 | 0.01% | 0.002% |
| 69 | 12.358 | 3518 | 3520 | 3523 | rVV4 | 1430 | 1063 | 0.02% | 0.003% |
| 70 | 12.448 | 3545 | 3548 | 3551 | rBV2 | 891 | 640 | 0.01% | 0.002% |
| 71 | 12.464 | 3551 | 3553 | 3556 | rBV3 | 1312 | 874 | 0.02% | 0.002% |
| 72 | 12.583 | 3582 | 3590 | 3592 | rBV9 | 5709 | 6484 | 0.13% | 0.017% |
| 73 | 12.705 | 3624 | 3628 | 3630 | rBV4 | 1344 | 732 | 0.02% | 0.002% |
| 74 | 12.725 | 3633 | 3634 | 3640 | rVB4 | 2040 | 1615 | 0.03% | 0.004% |
| 75 | 12.773 | 3640 | 3649 | 3650 | rBV6 | 1200 | 1338 | 0.03% | 0.003% |
| 76 | 12.828 | 3661 | 3666 | 3672 | rBV8 | 1738 | 2223 | 0.05% | 0.006% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037024.D
Acq On : 26 Aug 2024 14:06
Operator : SY/MD
Sample : PB162923TB 10X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
VLEB923

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\SFAMVLM082624WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 12.873 | 3678 | 3680 | 3685 | rVB4 | 1618 | 1089 | 0.02% | 0.003% |
| 78 | 12.898 | 3685 | 3688 | 3692 | rVB6 | 1071 | 783 | 0.02% | 0.002% |
| 79 | 13.088 | 3745 | 3747 | 3749 | rBV | 1457 | 751 | 0.02% | 0.002% |
| 80 | 13.127 | 3756 | 3759 | 3763 | rVB6 | 1153 | 897 | 0.02% | 0.002% |
| 81 | 13.207 | 3774 | 3784 | 3795 | rBV8 | 9801 | 19445 | 0.40% | 0.050% |
| 82 | 13.310 | 3813 | 3816 | 3820 | rVB4 | 2078 | 1380 | 0.03% | 0.004% |
| 83 | 13.358 | 3828 | 3831 | 3836 | rVB5 | 951 | 961 | 0.02% | 0.002% |
| 84 | 13.445 | 3851 | 3858 | 3873 | rBV2 | 14052 | 27165 | 0.56% | 0.070% |
| 85 | 13.606 | 3903 | 3908 | 3910 | rBV4 | 1715 | 1377 | 0.03% | 0.004% |
| 86 | 13.647 | 3918 | 3921 | 3923 | rBV4 | 1397 | 1018 | 0.02% | 0.003% |
| 87 | 13.676 | 3926 | 3930 | 3931 | rBV3 | 5970 | 3942 | 0.08% | 0.010% |
| 88 | 13.760 | 3954 | 3956 | 3959 | rVB4 | 1648 | 685 | 0.01% | 0.002% |
| 89 | 13.782 | 3959 | 3963 | 3964 | rBV3 | 1357 | 951 | 0.02% | 0.002% |
| 90 | 13.863 | 3985 | 3988 | 3991 | rBV5 | 1515 | 1102 | 0.02% | 0.003% |
| 91 | 14.024 | 4035 | 4038 | 4042 | rBV5 | 1272 | 1326 | 0.03% | 0.003% |
| 92 | 14.098 | 4059 | 4061 | 4064 | rBV3 | 1188 | 774 | 0.02% | 0.002% |
| 93 | 14.342 | 4134 | 4137 | 4139 | rBV3 | 1410 | 884 | 0.02% | 0.002% |
| 94 | 14.397 | 4152 | 4154 | 4159 | rBV4 | 1150 | 978 | 0.02% | 0.003% |
| 95 | 14.419 | 4159 | 4161 | 4166 | rBV5 | 1798 | 1150 | 0.02% | 0.003% |
| 96 | 14.715 | 4249 | 4253 | 4256 | rBV4 | 1225 | 907 | 0.02% | 0.002% |
| 97 | 14.856 | 4295 | 4297 | 4302 | rVB6 | 1327 | 961 | 0.02% | 0.002% |
| 98 | 14.911 | 4311 | 4314 | 4316 | rBV4 | 1328 | 815 | 0.02% | 0.002% |
| 99 | 15.290 | 4430 | 4432 | 4436 | rVB4 | 1445 | 756 | 0.02% | 0.002% |
| 100 | 15.660 | 4544 | 4547 | 4550 | rBV4 | 2199 | 1316 | 0.03% | 0.003% |

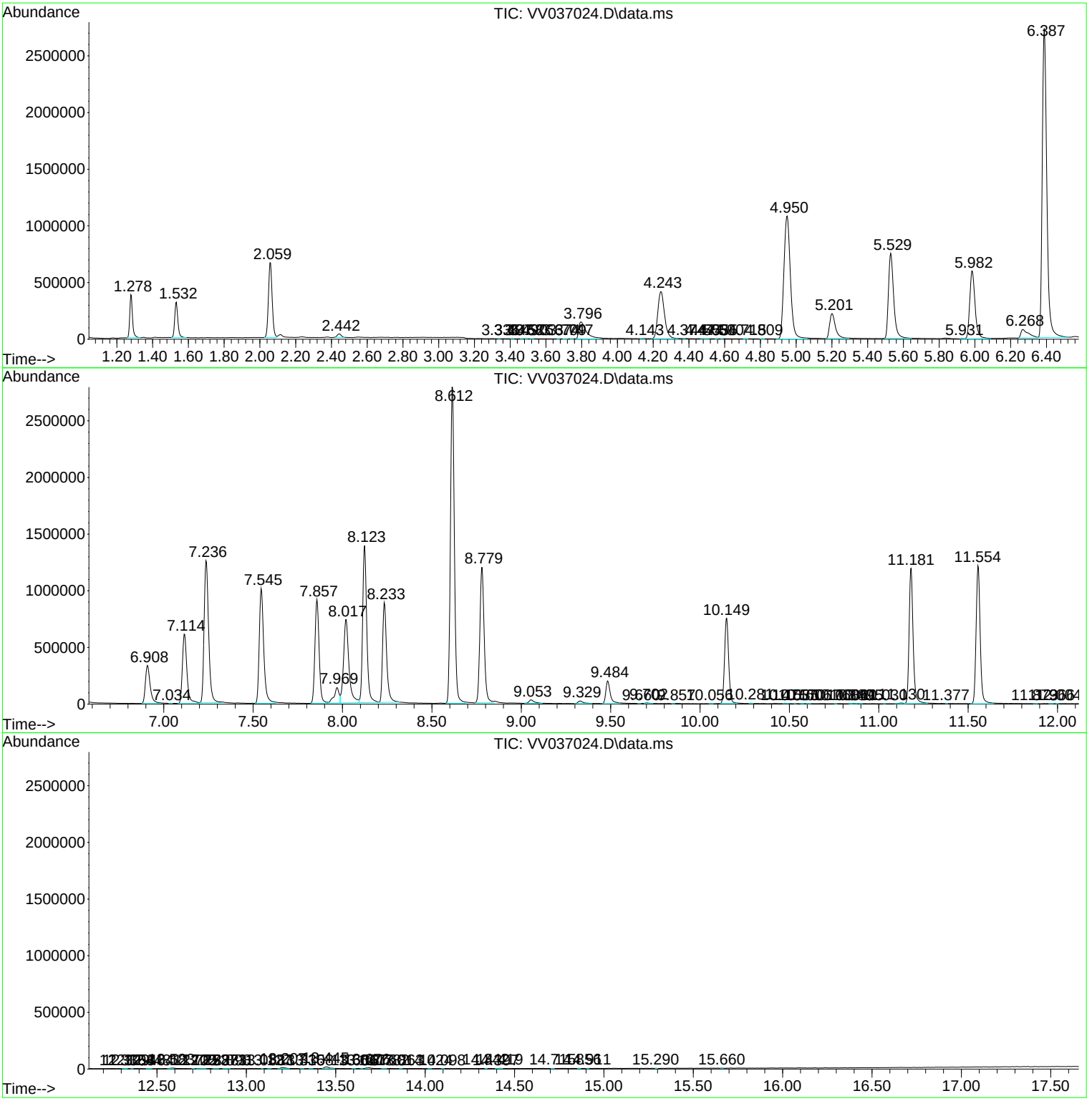
Sum of corrected areas: 38755529

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037024.D
Acq On : 26 Aug 2024 14:06
Operator : SY/MD
Sample : PB162923TB 10X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
VLEB923

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037024.D
Acq On : 26 Aug 2024 14:06
Operator : SY/MD
Sample : PB162923TB 10X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
VLEB923

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

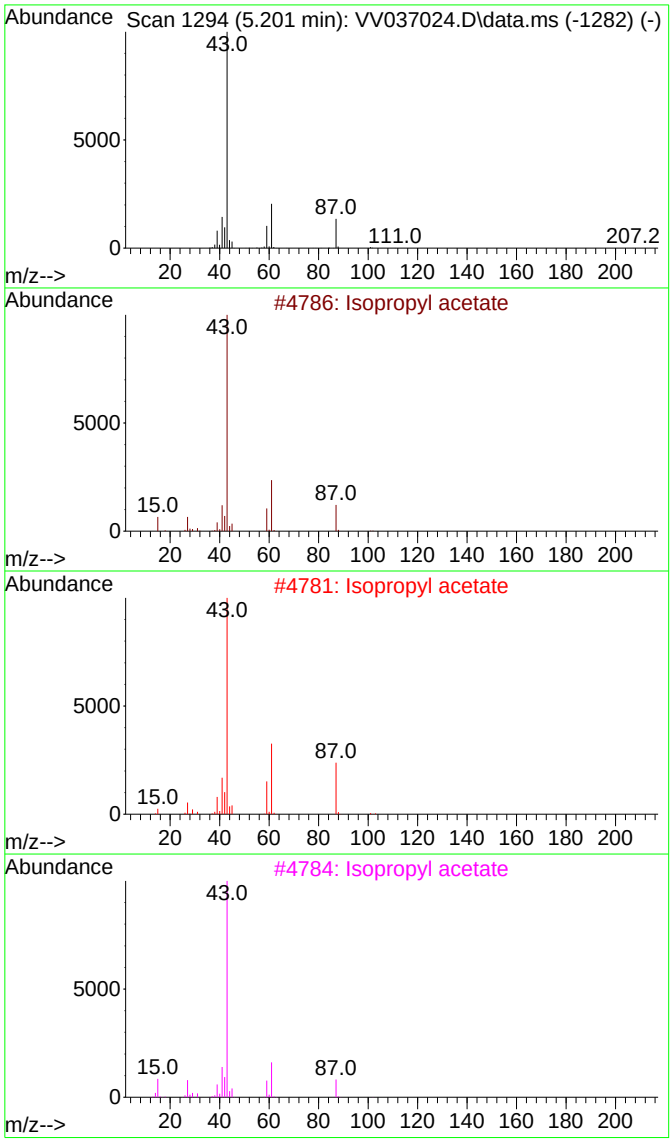
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

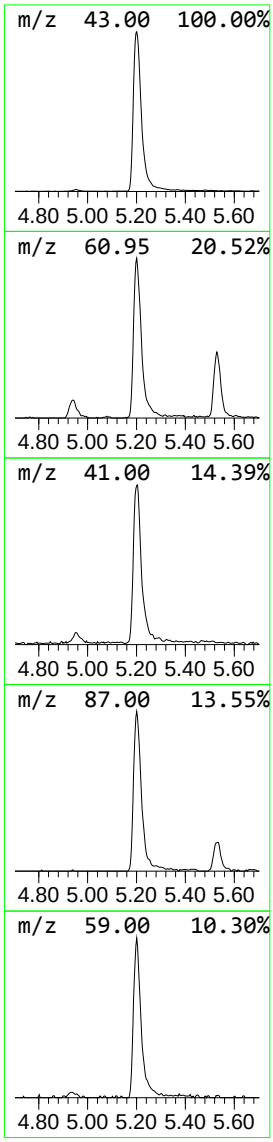
**********

Peak Number 1 Isopropyl acetate Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.201 | 16.68 ug/L | 505568 | 1,4-Difluorobenzene | 5.529 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Isopropyl acetate | 102 | C5H10O2 | 000108-21-4 | 83 |
| 2 | Isopropyl acetate | 102 | C5H10O2 | 000108-21-4 | 78 |
| 3 | Isopropyl acetate | 102 | C5H10O2 | 000108-21-4 | 74 |
| 4 | Isopropyl acetate | 102 | C5H10O2 | 000108-21-4 | 72 |
| 5 | Propane, 1-(1-methylethoxy)- | 102 | C6H14O | 000627-08-7 | 40 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037024.D
Acq On : 26 Aug 2024 14:06
Operator : SY/MD
Sample : PB162923TB 10X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
VLEB923

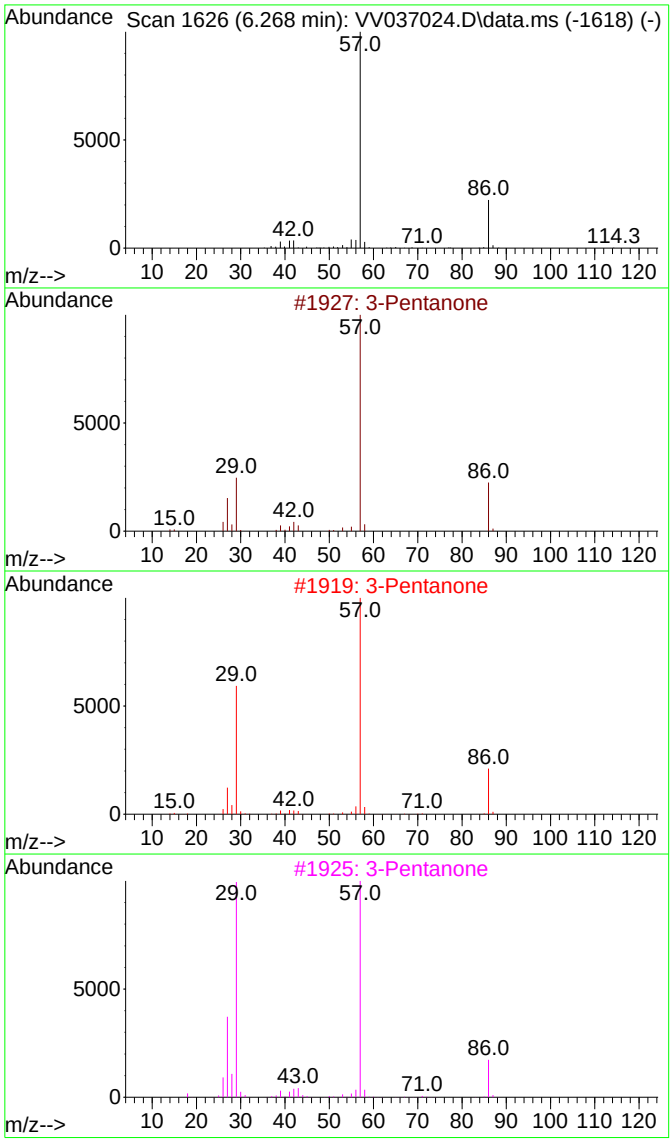
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

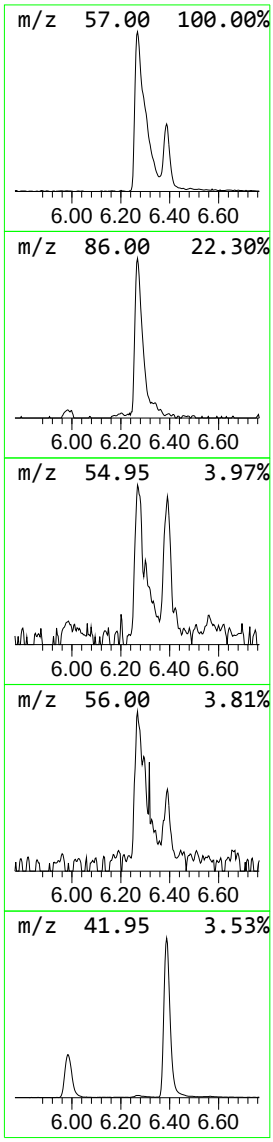
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 3-Pentanone Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.268 | 7.43 ug/L | 225238 | 1,4-Difluorobenzene | 5.529 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Pentanone | 86 | C5H10O | 000096-22-0 | 59 |
| 2 | 3-Pentanone | 86 | C5H10O | 000096-22-0 | 59 |
| 3 | 3-Pentanone | 86 | C5H10O | 000096-22-0 | 59 |
| 4 | 3-Pentanone | 86 | C5H10O | 000096-22-0 | 45 |
| 5 | Propanoic acid, 2-propenyl ester | 114 | C6H10O2 | 002408-20-0 | 9 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037024.D
Acq On : 26 Aug 2024 14:06
Operator : SY/MD
Sample : PB162923TB 10X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
VLEB923

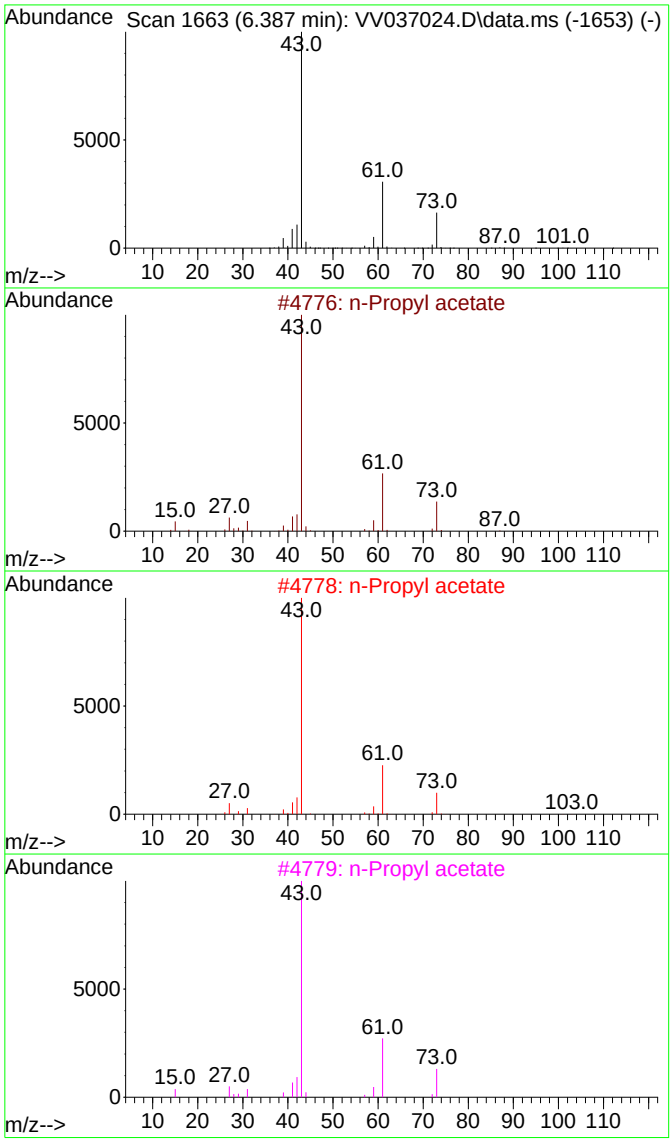
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

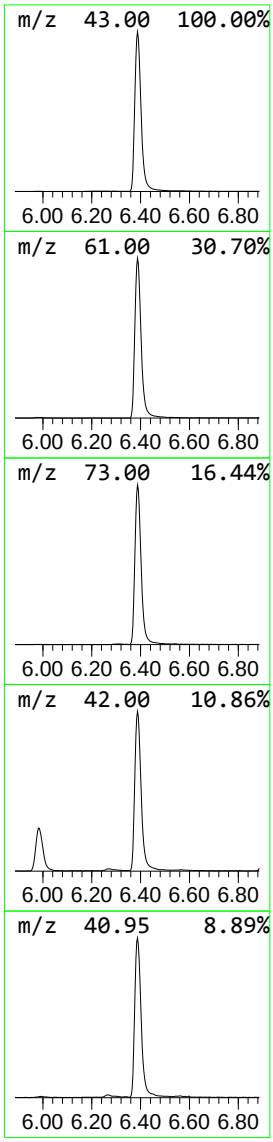
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 n-Propyl acetate Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.387 | 160.00 ug/L | 4849190 | 1,4-Difluorobenzene | 5.529 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Propyl acetate | 102 | C5H10O2 | 000109-60-4 | 83 |
| 2 | n-Propyl acetate | 102 | C5H10O2 | 000109-60-4 | 83 |
| 3 | n-Propyl acetate | 102 | C5H10O2 | 000109-60-4 | 78 |
| 4 | n-Propyl acetate | 102 | C5H10O2 | 000109-60-4 | 64 |
| 5 | Isopropyl acetate | 102 | C5H10O2 | 000108-21-4 | 36 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037024.D
Acq On : 26 Aug 2024 14:06
Operator : SY/MD
Sample : PB162923TB 10X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
VLEB923

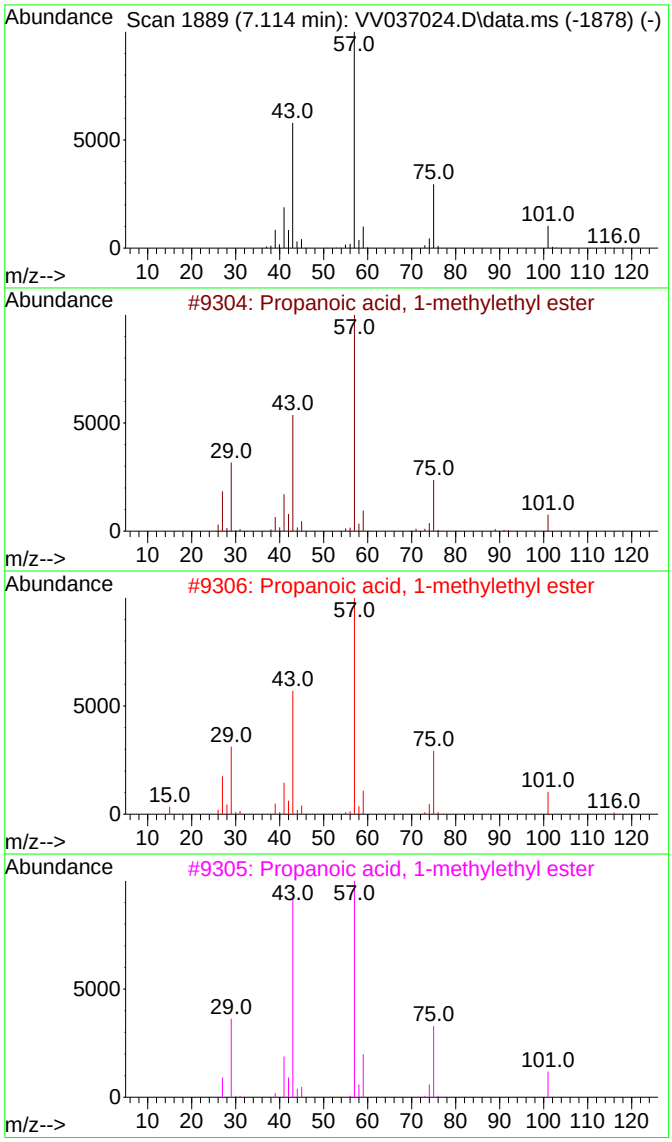
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

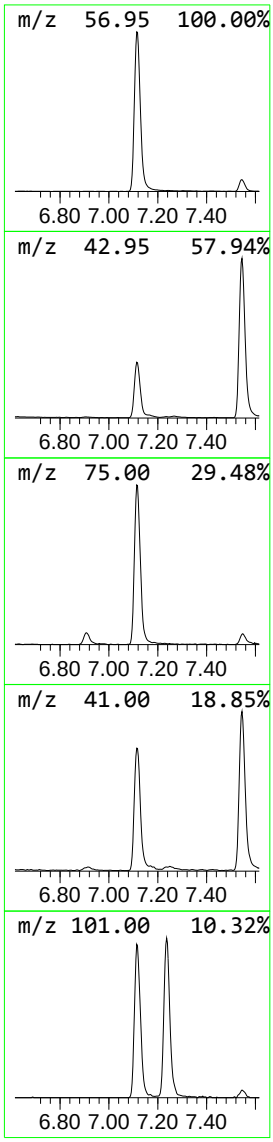
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Propanoic acid, 1-methyleth... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.114 | 35.58 ug/L | 1078410 | 1,4-Difluorobenzene | 5.529 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Propanoic acid, 1-methylethyl ester | 116 | C6H12O2 | 000637-78-5 | 90 |
| 2 | Propanoic acid, 1-methylethyl ester | 116 | C6H12O2 | 000637-78-5 | 83 |
| 3 | Propanoic acid, 1-methylethyl ester | 116 | C6H12O2 | 000637-78-5 | 53 |
| 4 | Propanoic acid, 1-methylethyl ester | 116 | C6H12O2 | 000637-78-5 | 50 |
| 5 | Propanoic acid, 1-methylethyl ester | 116 | C6H12O2 | 000637-78-5 | 50 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037024.D
Acq On : 26 Aug 2024 14:06
Operator : SY/MD
Sample : PB162923TB 10X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
VLEB923

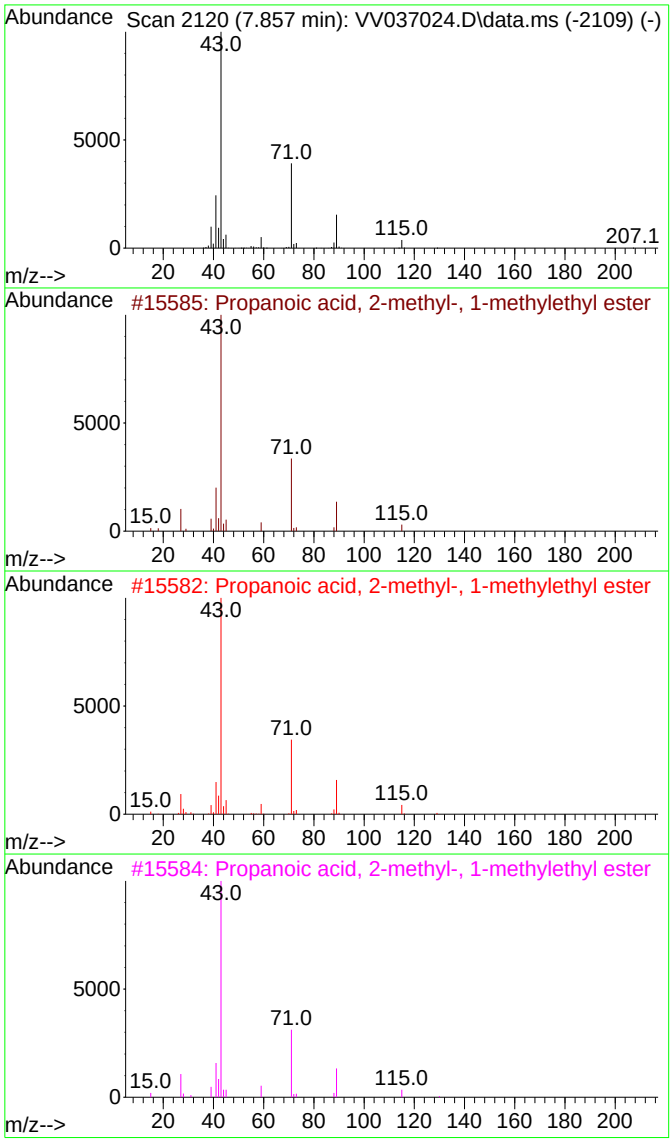
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

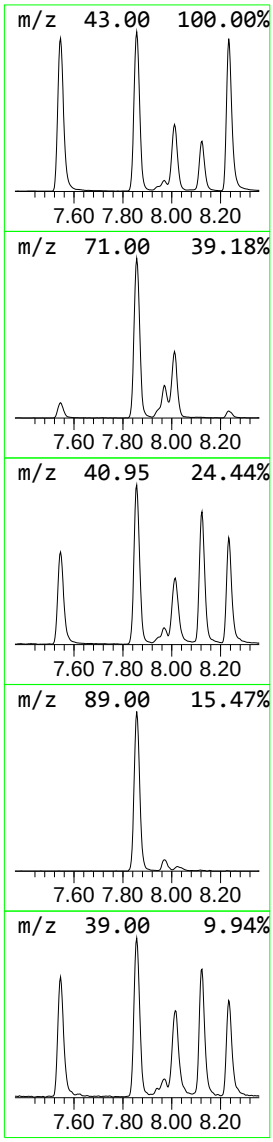
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Propanoic acid, 2-methyl-, ... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.857 | 37.74 ug/L | 1491190 | Chlorobenzene-d5 | 8.779 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Propanoic acid, 2-methyl-, 1-met... | 130 | C7H14O2 | 000617-50-5 | 83 |
| 2 | Propanoic acid, 2-methyl-, 1-met... | 130 | C7H14O2 | 000617-50-5 | 83 |
| 3 | Propanoic acid, 2-methyl-, 1-met... | 130 | C7H14O2 | 000617-50-5 | 78 |
| 4 | Propanoic acid, 2-methyl-, 1-met... | 130 | C7H14O2 | 000617-50-5 | 78 |
| 5 | Isopropyl butyrate | 130 | C7H14O2 | 000638-11-9 | 72 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037024.D
Acq On : 26 Aug 2024 14:06
Operator : SY/MD
Sample : PB162923TB 10X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
VLEB923

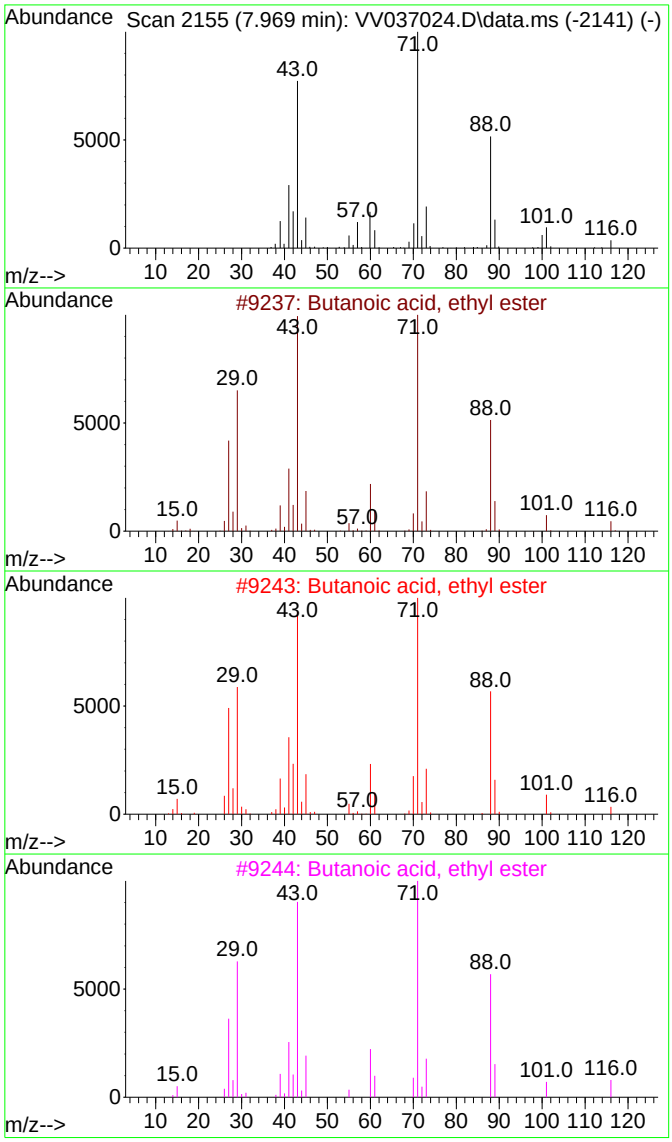
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

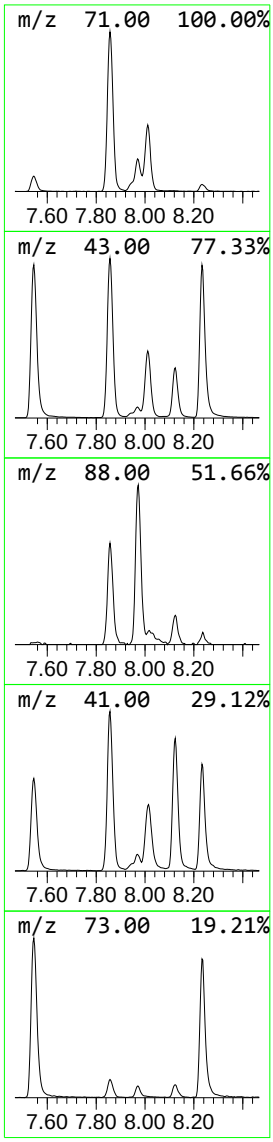
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Butanoic acid, ethyl ester Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.969 | 6.49 ug/L | 256443 | Chlorobenzene-d5 | 8.779 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butanoic acid, ethyl ester | 116 | C6H12O2 | 000105-54-4 | 97 |
| 2 | Butanoic acid, ethyl ester | 116 | C6H12O2 | 000105-54-4 | 93 |
| 3 | Butanoic acid, ethyl ester | 116 | C6H12O2 | 000105-54-4 | 90 |
| 4 | Butanoic acid, ethyl ester | 116 | C6H12O2 | 000105-54-4 | 80 |
| 5 | Butanoic acid, ethyl ester | 116 | C6H12O2 | 000105-54-4 | 46 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037024.D
Acq On : 26 Aug 2024 14:06
Operator : SY/MD
Sample : PB162923TB 10X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
VLEB923

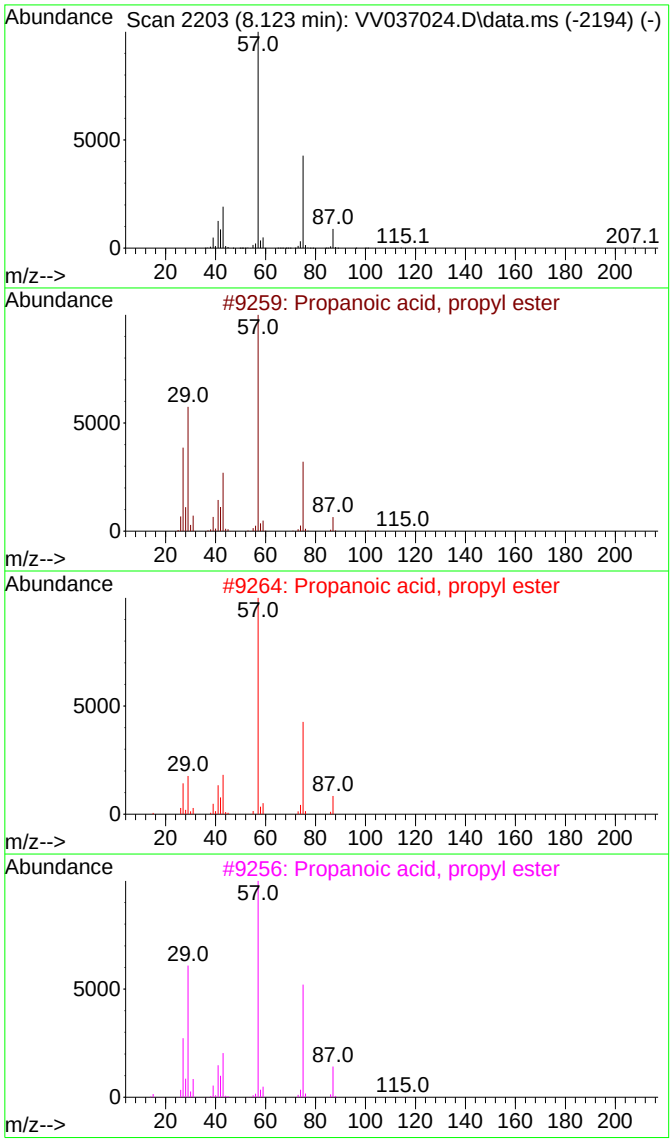
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

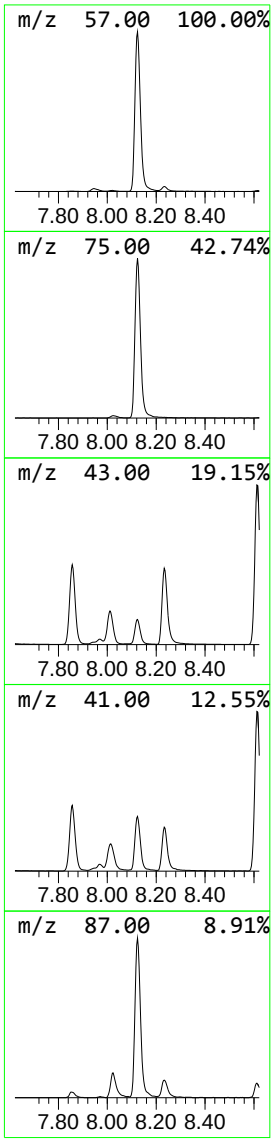
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Propanoic acid, propyl ester Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.123 | 55.65 ug/L | 2198470 | Chlorobenzene-d5 | 8.779 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Propanoic acid, propyl ester | 116 | C6H12O2 | 000106-36-5 | 83 |
| 2 | Propanoic acid, propyl ester | 116 | C6H12O2 | 000106-36-5 | 83 |
| 3 | Propanoic acid, propyl ester | 116 | C6H12O2 | 000106-36-5 | 83 |
| 4 | Propanoic acid, propyl ester | 116 | C6H12O2 | 000106-36-5 | 83 |
| 5 | Propanoic acid, propyl ester | 116 | C6H12O2 | 000106-36-5 | 83 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037024.D
Acq On : 26 Aug 2024 14:06
Operator : SY/MD
Sample : PB162923TB 10X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
VLEB923

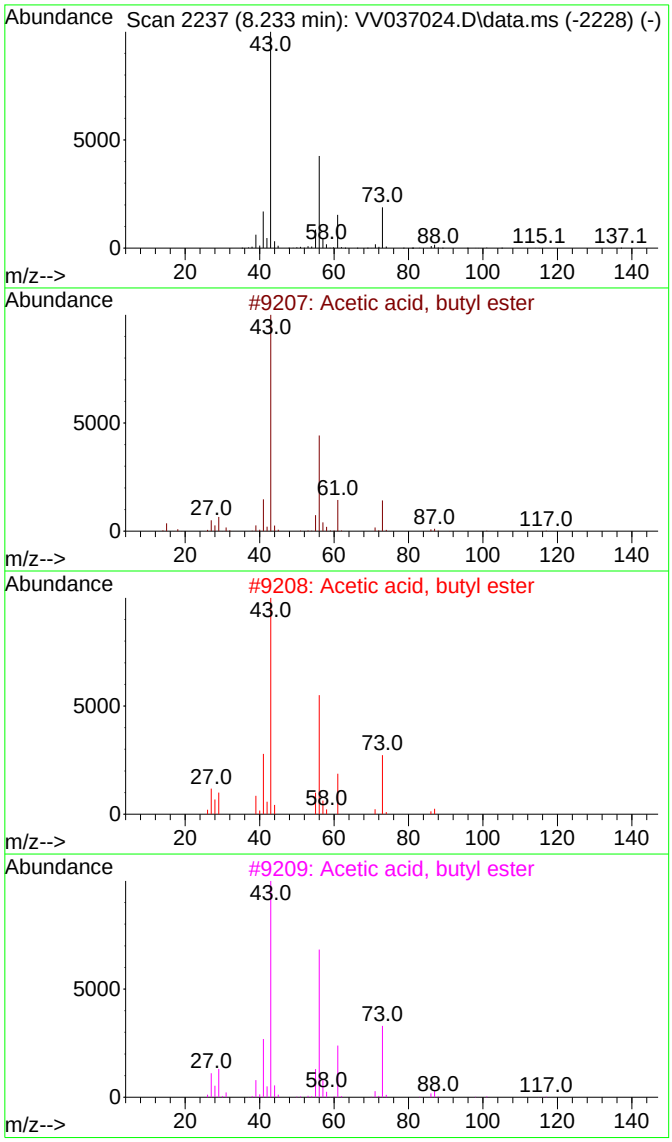
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

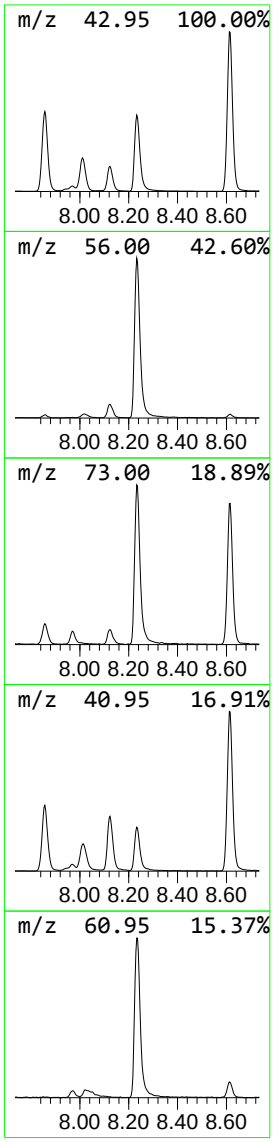
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Acetic acid, butyl ester Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.233 | 35.46 ug/L | 1400930 | Chlorobenzene-d5 | 8.779 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Acetic acid, butyl ester | 116 | C6H12O2 | 000123-86-4 | 74 |
| 2 | Acetic acid, butyl ester | 116 | C6H12O2 | 000123-86-4 | 72 |
| 3 | Acetic acid, butyl ester | 116 | C6H12O2 | 000123-86-4 | 72 |
| 4 | Acetic acid, butyl ester | 116 | C6H12O2 | 000123-86-4 | 59 |
| 5 | Isobutyl acetate | 116 | C6H12O2 | 000110-19-0 | 40 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037024.D
Acq On : 26 Aug 2024 14:06
Operator : SY/MD
Sample : PB162923TB 10X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
VLEB923

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

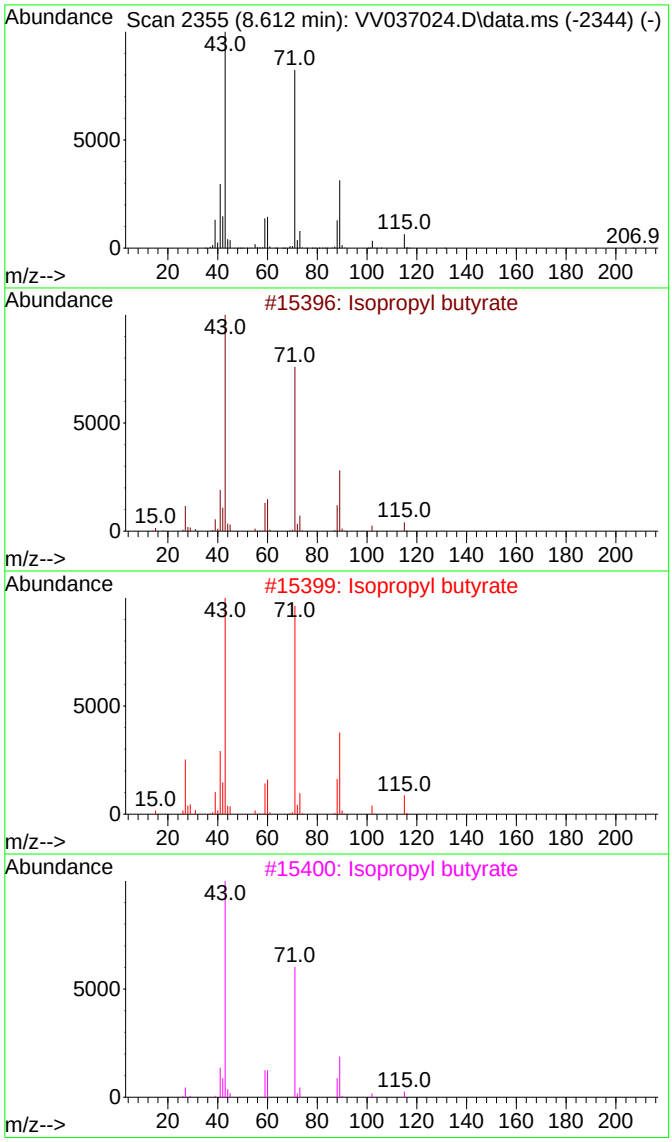
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

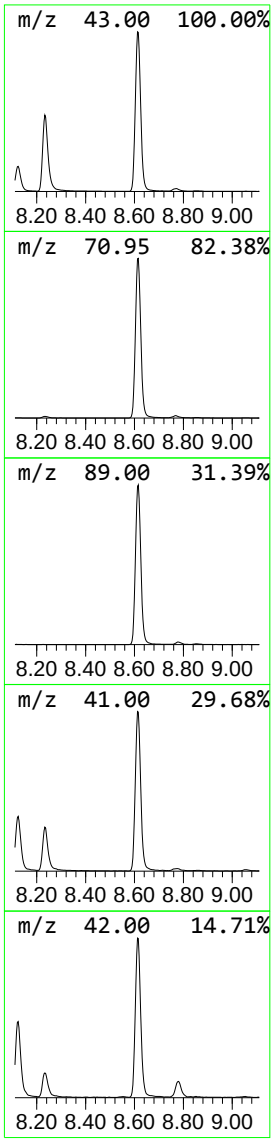
**********

Peak Number 10 Isopropyl butyrate Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.612 | 108.08 ug/L | 4269950 | Chlorobenzene-d5 | 8.779 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Isopropyl butyrate | 130 | C7H14O2 | 000638-11-9 | 94 |
| 2 | Isopropyl butyrate | 130 | C7H14O2 | 000638-11-9 | 91 |
| 3 | Isopropyl butyrate | 130 | C7H14O2 | 000638-11-9 | 83 |
| 4 | Propanoic acid, 2-methyl-, propy... | 130 | C7H14O2 | 000644-49-5 | 72 |
| 5 | Butanoic acid, pentyl ester | 158 | C9H18O2 | 000540-18-1 | 64 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037024.D
Acq On : 26 Aug 2024 14:06
Operator : SY/MD
Sample : PB162923TB 10X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
VLEB923

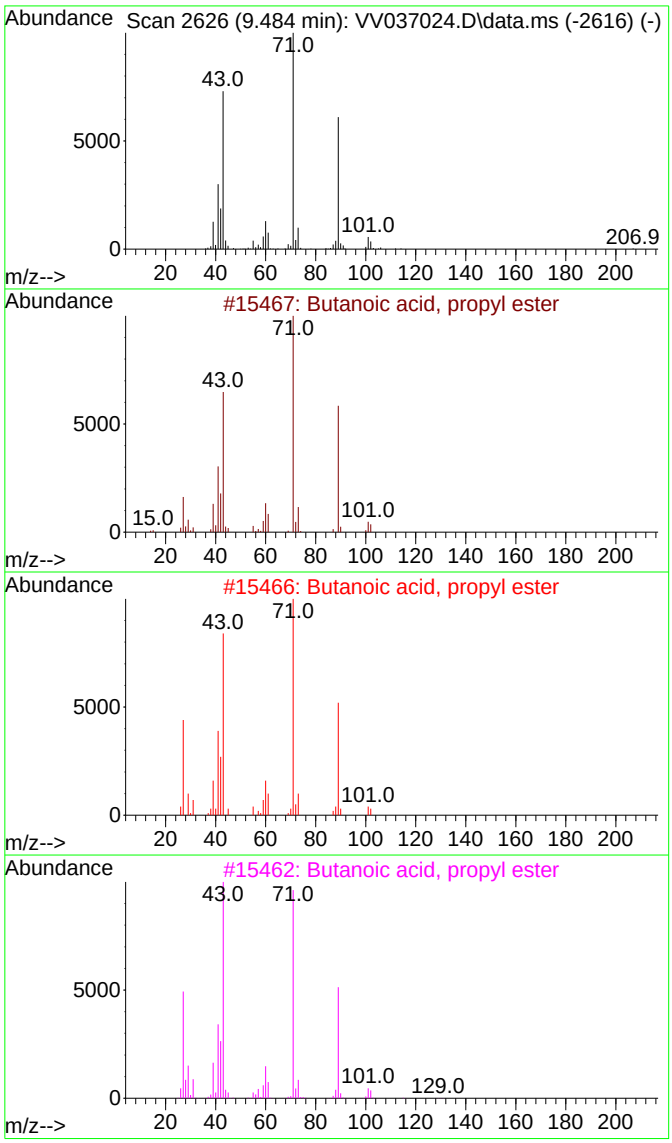
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

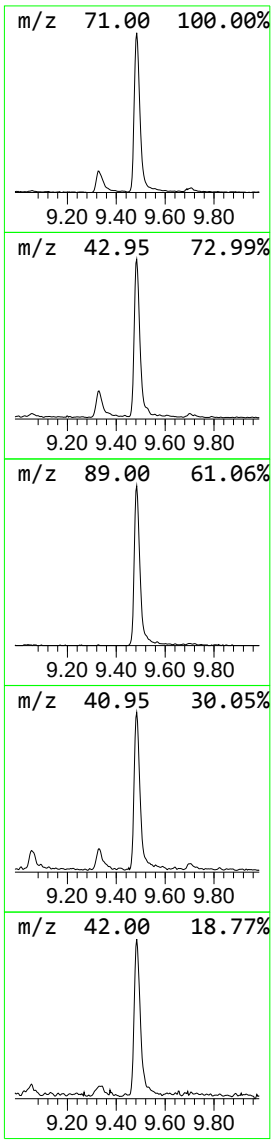
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 Butanoic acid, propyl ester Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.484 | 8.72 ug/L | 344606 | Chlorobenzene-d5 | 8.779 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butanoic acid, propyl ester | 130 | C7H14O2 | 000105-66-8 | 90 |
| 2 | Butanoic acid, propyl ester | 130 | C7H14O2 | 000105-66-8 | 80 |
| 3 | Butanoic acid, propyl ester | 130 | C7H14O2 | 000105-66-8 | 80 |
| 4 | Propanoic acid, 2-methyl-, propy... | 130 | C7H14O2 | 000644-49-5 | 72 |
| 5 | Propanoic acid, 2-methyl-, propy... | 130 | C7H14O2 | 000644-49-5 | 72 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037024.D
Acq On : 26 Aug 2024 14:06
Operator : SY/MD
Sample : PB162923TB 10X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
VLEB923

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

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

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Isopropyl acetate | 5.201 | 16.7 | ug/L | 505568 | 1 | 5.529 | 1515420 | 50.0 |
| 3-Pentanone | 6.268 | 7.4 | ug/L | 225238 | 1 | 5.529 | 1515420 | 50.0 |
| n-Propyl acetate | 6.387 | 160.0 | ug/L | 4849190 | 1 | 5.529 | 1515420 | 50.0 |
| Propanoic acid,... | 7.114 | 35.6 | ug/L | 1078410 | 1 | 5.529 | 1515420 | 50.0 |
| Propanoic acid,... | 7.857 | 37.7 | ug/L | 1491190 | 2 | 8.779 | 1975400 | 50.0 |
| Butanoic acid, ... | 7.969 | 6.5 | ug/L | 256443 | 2 | 8.779 | 1975400 | 50.0 |
| Propanoic acid,... | 8.123 | 55.6 | ug/L | 2198470 | 2 | 8.779 | 1975400 | 50.0 |
| Acetic acid, bu... | 8.233 | 35.5 | ug/L | 1400930 | 2 | 8.779 | 1975400 | 50.0 |
| Isopropyl butyrate | 8.612 | 108.1 | ug/L | 4269950 | 2 | 8.779 | 1975400 | 50.0 |
| Butanoic acid, ... | 9.484 | 8.7 | ug/L | 344606 | 2 | 8.779 | 1975400 | 50.0 |