LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
Data File : VU047933.D
Acq On : 12 Apr 2022 02:05
Operator : SY/MD
Sample : N2293-08ME
Misc : 6.28g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 41 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
ETNN8ME

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\SFAMULM032422WMA.M
Title : VOC Analysis

Signal : TIC: VU047933.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.356 | 3 | 5 | 24 | rVB | 17530 | 19354 | 0.17% | 0.049% |
| 2 | 1.597 | 73 | 80 | 117 | rVB | 126628 | 245267 | 2.15% | 0.624% |
| 3 | 1.903 | 170 | 175 | 203 | rVB | 80255 | 159231 | 1.39% | 0.405% |
| 4 | 2.546 | 363 | 375 | 404 | rBV | 328106 | 599655 | 5.24% | 1.525% |
| 5 | 2.777 | 439 | 447 | 461 | rVB | 5705 | 11050 | 0.10% | 0.028% |
| 6 | 2.922 | 486 | 492 | 494 | rBV3 | 412 | 406 | 0.00% | 0.001% |
| 7 | 2.964 | 496 | 505 | 520 | rBV2 | 6941 | 16249 | 0.14% | 0.041% |
| 8 | 3.215 | 579 | 583 | 584 | rBV | 482 | 353 | 0.00% | 0.001% |
| 9 | 3.346 | 619 | 624 | 628 | rBV3 | 1144 | 1141 | 0.01% | 0.003% |
| 10 | 3.433 | 640 | 651 | 662 | rVV5 | 1580 | 3191 | 0.03% | 0.008% |
| 11 | 3.681 | 723 | 728 | 740 | rVB6 | 1590 | 2934 | 0.03% | 0.007% |
| 12 | 3.787 | 754 | 761 | 762 | rBV2 | 459 | 540 | 0.00% | 0.001% |
| 13 | 3.829 | 768 | 774 | 777 | rBV6 | 688 | 775 | 0.01% | 0.002% |
| 14 | 4.063 | 844 | 847 | 850 | rVB3 | 452 | 363 | 0.00% | 0.001% |
| 15 | 4.237 | 895 | 901 | 907 | rBV4 | 692 | 948 | 0.01% | 0.002% |
| 16 | 4.285 | 912 | 916 | 921 | rBV2 | 452 | 515 | 0.00% | 0.001% |
| 17 | 4.517 | 980 | 988 | 990 | rBV3 | 1046 | 1265 | 0.01% | 0.003% |
| 18 | 4.642 | 1012 | 1027 | 1082 | rBV | 139205 | 536817 | 4.69% | 1.365% |
| 19 | 4.980 | 1126 | 1132 | 1133 | rBV | 377 | 343 | 0.00% | 0.001% |
| 20 | 5.063 | 1140 | 1158 | 1183 | rBV | 330760 | 748478 | 6.55% | 1.903% |
| 21 | 5.163 | 1186 | 1189 | 1190 | rBV2 | 773 | 380 | 0.00% | 0.001% |
| 22 | 5.243 | 1210 | 1214 | 1218 | rBV5 | 837 | 1048 | 0.01% | 0.003% |
| 23 | 5.369 | 1241 | 1253 | 1256 | rBV10 | 3135 | 5312 | 0.05% | 0.014% |
| 24 | 5.594 | 1318 | 1323 | 1328 | rVB6 | 1088 | 1251 | 0.01% | 0.003% |
| 25 | 5.719 | 1340 | 1362 | 1373 | rBV2 | 719820 | 1925140 | 16.84% | 4.896% |
| 26 | 5.893 | 1405 | 1416 | 1427 | rVB4 | 7362 | 15133 | 0.13% | 0.038% |
| 27 | 5.993 | 1438 | 1447 | 1452 | rBV6 | 1296 | 2290 | 0.02% | 0.006% |
| 28 | 6.038 | 1460 | 1461 | 1466 | rVB3 | 1045 | 444 | 0.00% | 0.001% |
| 29 | 6.060 | 1466 | 1468 | 1476 | rVB4 | 549 | 628 | 0.01% | 0.002% |
| 30 | 6.108 | 1477 | 1483 | 1484 | rBV2 | 973 | 887 | 0.01% | 0.002% |
| 31 | 6.128 | 1484 | 1489 | 1497 | rVB6 | 2139 | 3093 | 0.03% | 0.008% |
| 32 | 6.247 | 1512 | 1526 | 1549 | rBV | 691539 | 1355648 | 11.86% | 3.447% |
| 33 | 6.407 | 1574 | 1576 | 1584 | rVB3 | 741 | 692 | 0.01% | 0.002% |
| 34 | 6.475 | 1588 | 1597 | 1606 | rBV4 | 13659 | 26223 | 0.23% | 0.067% |
| 35 | 6.690 | 1649 | 1664 | 1682 | rBV | 422063 | 860890 | 7.53% | 2.189% |
| 36 | 6.899 | 1725 | 1729 | 1733 | rBV2 | 561 | 378 | 0.00% | 0.001% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
Data File : VU047933.D
Acq On : 12 Apr 2022 02:05
Operator : SY/MD
Sample : N2293-08ME
Misc : 6.28g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 41 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
ETNN8ME

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\SFAMULM032422WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 6.944 | 1740 | 1743 | 1745 | rBV2 | 440 | 363 | 0.00% | 0.001% |
| 38 | 7.057 | 1770 | 1778 | 1783 | rBV3 | 978 | 1622 | 0.01% | 0.004% |
| 39 | 7.202 | 1811 | 1823 | 1825 | rBV6 | 6777 | 11997 | 0.10% | 0.031% |
| 40 | 7.497 | 1901 | 1915 | 1925 | rBV3 | 21683 | 47199 | 0.41% | 0.120% |
| 41 | 7.568 | 1926 | 1937 | 1956 | rVB | 213915 | 408517 | 3.57% | 1.039% |
| 42 | 7.694 | 1968 | 1976 | 1977 | rBV6 | 2055 | 2435 | 0.02% | 0.006% |
| 43 | 7.899 | 2025 | 2040 | 2053 | rBV | 855657 | 1521187 | 13.30% | 3.868% |
| 44 | 7.973 | 2054 | 2063 | 2091 | rVB2 | 96796 | 241657 | 2.11% | 0.615% |
| 45 | 8.182 | 2117 | 2128 | 2150 | rBV | 135990 | 277797 | 2.43% | 0.706% |
| 46 | 8.369 | 2174 | 2186 | 2206 | rVB7 | 13917 | 37665 | 0.33% | 0.096% |
| 47 | 8.475 | 2216 | 2219 | 2224 | rVB4 | 555 | 433 | 0.00% | 0.001% |
| 48 | 8.536 | 2235 | 2238 | 2240 | rBV2 | 564 | 378 | 0.00% | 0.001% |
| 49 | 8.549 | 2240 | 2242 | 2244 | rVV2 | 777 | 480 | 0.00% | 0.001% |
| 50 | 8.581 | 2244 | 2252 | 2260 | rVV10 | 3365 | 6129 | 0.05% | 0.016% |
| 51 | 8.661 | 2260 | 2277 | 2307 | rVV | 580430 | 1228373 | 10.74% | 3.124% |
| 52 | 8.922 | 2353 | 2358 | 2359 | rBV4 | 1192 | 964 | 0.01% | 0.002% |
| 53 | 9.034 | 2378 | 2393 | 2407 | rVB6 | 10993 | 27515 | 0.24% | 0.070% |
| 54 | 9.118 | 2413 | 2419 | 2420 | rBV3 | 541 | 481 | 0.00% | 0.001% |
| 55 | 9.192 | 2429 | 2442 | 2445 | rBV5 | 1448 | 2740 | 0.02% | 0.007% |
| 56 | 9.240 | 2454 | 2457 | 2459 | rBV2 | 593 | 435 | 0.00% | 0.001% |
| 57 | 9.365 | 2483 | 2496 | 2501 | rBV4 | 9171 | 15154 | 0.13% | 0.039% |
| 58 | 9.452 | 2501 | 2523 | 2554 | rVV2 | 5362170 | 11434277 | 100.00% | 29.078% |
| 59 | 9.581 | 2555 | 2563 | 2574 | rVB4 | 18854 | 33144 | 0.29% | 0.084% |
| 60 | 9.697 | 2587 | 2599 | 2609 | rBV2 | 18289 | 33766 | 0.30% | 0.086% |
| 61 | 9.944 | 2674 | 2676 | 2683 | rVB5 | 797 | 843 | 0.01% | 0.002% |
| 62 | 10.015 | 2689 | 2698 | 2701 | rBV6 | 2306 | 3250 | 0.03% | 0.008% |
| 63 | 10.108 | 2716 | 2727 | 2745 | rVB2 | 14283 | 28718 | 0.25% | 0.073% |
| 64 | 10.240 | 2757 | 2768 | 2778 | rBV9 | 5434 | 12248 | 0.11% | 0.031% |
| 65 | 10.333 | 2790 | 2797 | 2798 | rBV5 | 1392 | 1222 | 0.01% | 0.003% |
| 66 | 10.353 | 2798 | 2803 | 2811 | rVB8 | 2392 | 3785 | 0.03% | 0.010% |
| 67 | 10.475 | 2834 | 2841 | 2855 | rVB8 | 4508 | 10178 | 0.09% | 0.026% |
| 68 | 10.552 | 2863 | 2865 | 2871 | rVB4 | 936 | 724 | 0.01% | 0.002% |
| 69 | 10.658 | 2889 | 2898 | 2908 | rVV8 | 14982 | 30736 | 0.27% | 0.078% |
| 70 | 10.716 | 2908 | 2916 | 2920 | rVV4 | 12536 | 21853 | 0.19% | 0.056% |
| 71 | 10.764 | 2920 | 2931 | 2953 | rVB | 712320 | 1182584 | 10.34% | 3.007% |
| 72 | 10.983 | 2990 | 2999 | 3019 | rVB7 | 17017 | 42838 | 0.37% | 0.109% |
| 73 | 11.066 | 3021 | 3025 | 3026 | rVV3 | 1671 | 1193 | 0.01% | 0.003% |
| 74 | 11.108 | 3028 | 3038 | 3051 | rVB5 | 14497 | 31454 | 0.28% | 0.080% |
| 75 | 11.250 | 3079 | 3082 | 3083 | rBV3 | 1316 | 731 | 0.01% | 0.002% |
| 76 | 11.295 | 3092 | 3096 | 3109 | rVB5 | 5017 | 8332 | 0.07% | 0.021% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
Data File : VU047933.D
Acq On : 12 Apr 2022 02:05
Operator : SY/MD
Sample : N2293-08ME
Misc : 6.28g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 41 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
ETNN8ME

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\SFAMULM032422WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 11.472 | 3141 | 3151 | 3160 | rBV4 | 18759 | 33326 | 0.29% | 0.085% |
| 78 | 11.584 | 3177 | 3186 | 3198 | rBV7 | 7563 | 14763 | 0.13% | 0.038% |
| 79 | 11.645 | 3202 | 3205 | 3206 | rBV3 | 1387 | 817 | 0.01% | 0.002% |
| 80 | 11.693 | 3215 | 3220 | 3221 | rBV3 | 3439 | 2375 | 0.02% | 0.006% |
| 81 | 11.751 | 3231 | 3238 | 3245 | rVB3 | 13281 | 18382 | 0.16% | 0.047% |
| 82 | 11.816 | 3245 | 3258 | 3273 | rBV | 1311602 | 2094183 | 18.31% | 5.326% |
| 83 | 11.954 | 3294 | 3301 | 3314 | rVB5 | 21355 | 35989 | 0.31% | 0.092% |
| 84 | 12.053 | 3329 | 3332 | 3333 | rBV2 | 924 | 546 | 0.00% | 0.001% |
| 85 | 12.198 | 3364 | 3377 | 3398 | rBV2 | 1036824 | 2037823 | 17.82% | 5.182% |
| 86 | 12.327 | 3411 | 3417 | 3427 | rVB | 23350 | 32833 | 0.29% | 0.083% |
| 87 | 12.970 | 3606 | 3617 | 3630 | rVB | 795566 | 1241156 | 10.85% | 3.156% |
| 88 | 13.330 | 3718 | 3729 | 3737 | rBV | 648346 | 1007301 | 8.81% | 2.562% |
| 89 | 13.378 | 3738 | 3744 | 3754 | rVB | 209429 | 298439 | 2.61% | 0.759% |
| 90 | 14.044 | 3944 | 3951 | 3959 | rBV2 | 43986 | 63566 | 0.56% | 0.162% |
| 91 | 14.359 | 4041 | 4049 | 4064 | rVB | 136351 | 201739 | 1.76% | 0.513% |
| 92 | 15.118 | 4277 | 4285 | 4291 | rBV4 | 35786 | 58522 | 0.51% | 0.149% |
| 93 | 15.311 | 4339 | 4345 | 4355 | rVB | 91817 | 128045 | 1.12% | 0.326% |
| 94 | 15.545 | 4407 | 4418 | 4433 | rVB | 695089 | 1062551 | 9.29% | 2.702% |
| 95 | 15.796 | 4486 | 4496 | 4507 | rBV | 176911 | 270068 | 2.36% | 0.687% |
| 96 | 15.893 | 4511 | 4526 | 4540 | rBV3 | 211693 | 578553 | 5.06% | 1.471% |
| 97 | 16.092 | 4581 | 4588 | 4600 | rVB2 | 45317 | 68868 | 0.60% | 0.175% |
| 98 | 16.391 | 4669 | 4681 | 4706 | rVB | 4223704 | 6547659 | 57.26% | 16.651% |
| 99 | 17.031 | 4872 | 4880 | 4891 | rVB2 | 91725 | 140436 | 1.23% | 0.357% |
| 100 | 17.259 | 4944 | 4951 | 4967 | rVB2 | 76284 | 121722 | 1.06% | 0.310% |

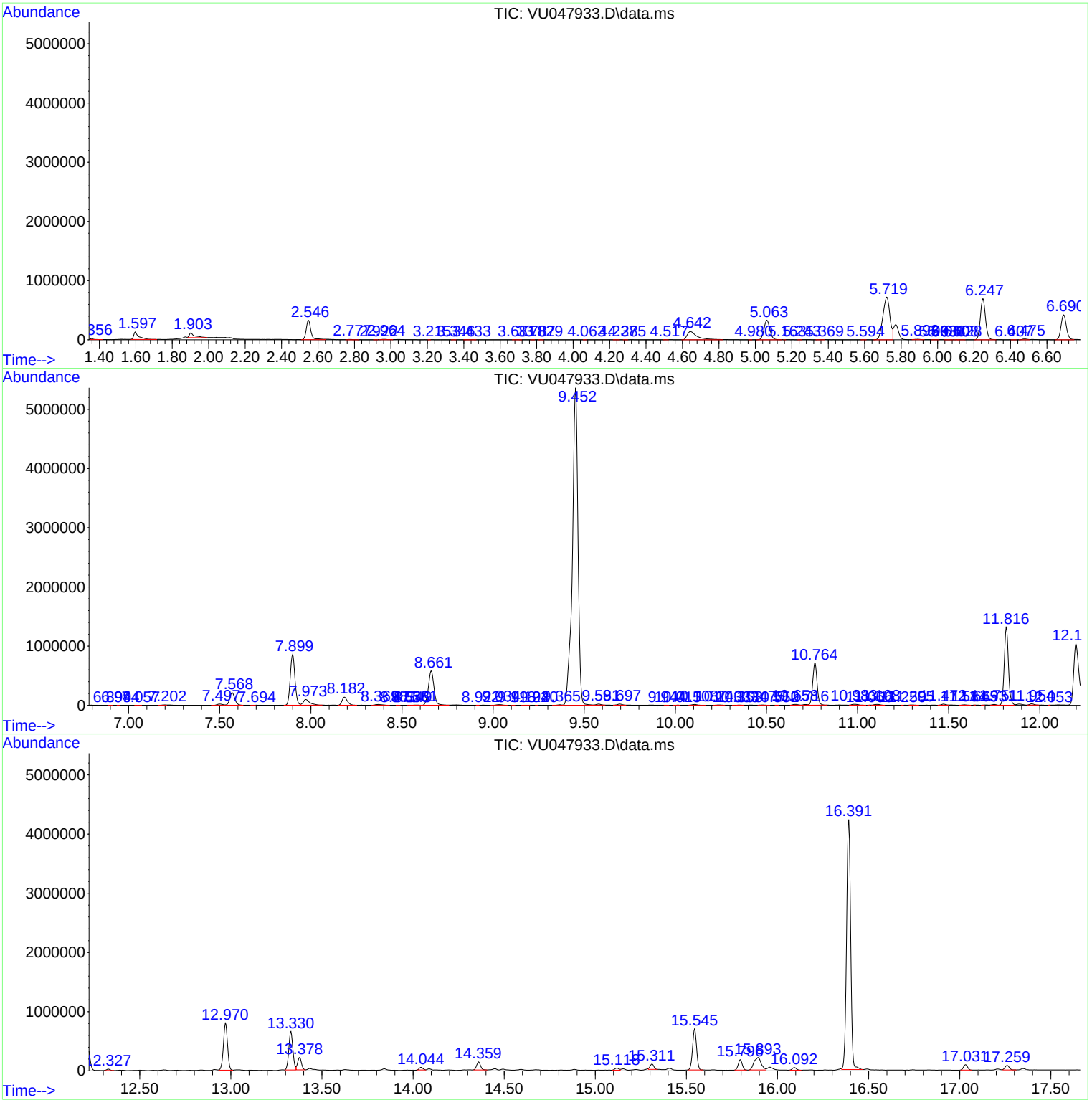
Sum of corrected areas: 39323371

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
Data File : VU047933.D
Acq On : 12 Apr 2022 02:05
Operator : SY/MD
Sample : N2293-08ME
Misc : 6.28g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 41 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
ETNN8ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
Data File : VU047933.D
Acq On : 12 Apr 2022 02:05
Operator : SY/MD
Sample : N2293-08ME
Misc : 6.28g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 41 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
ETNN8ME

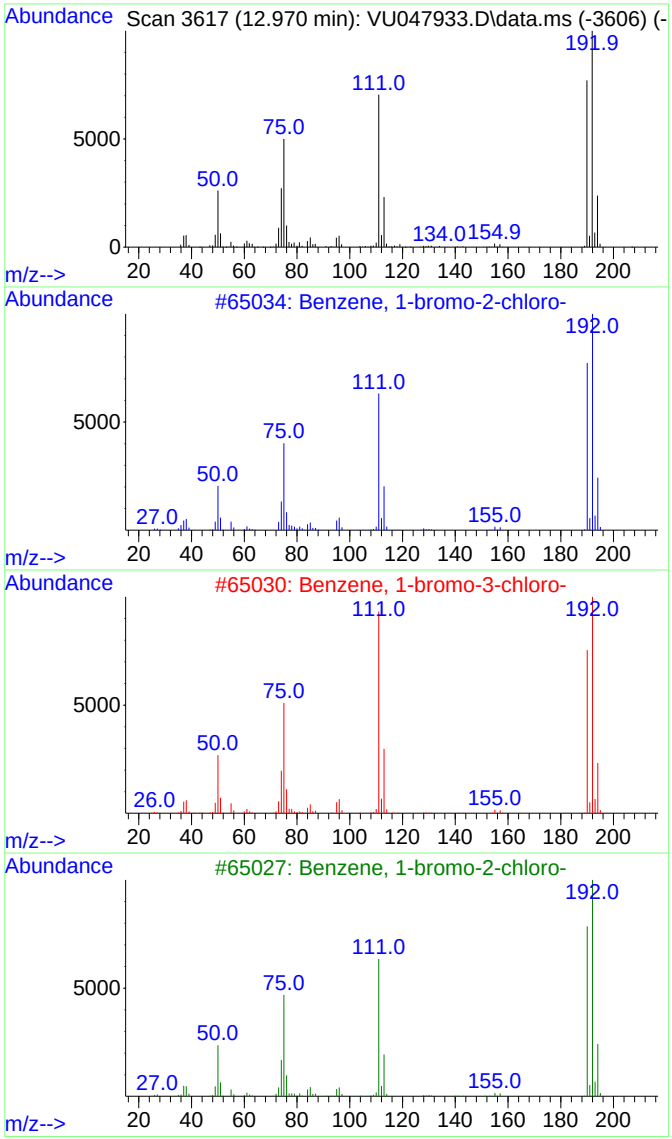
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

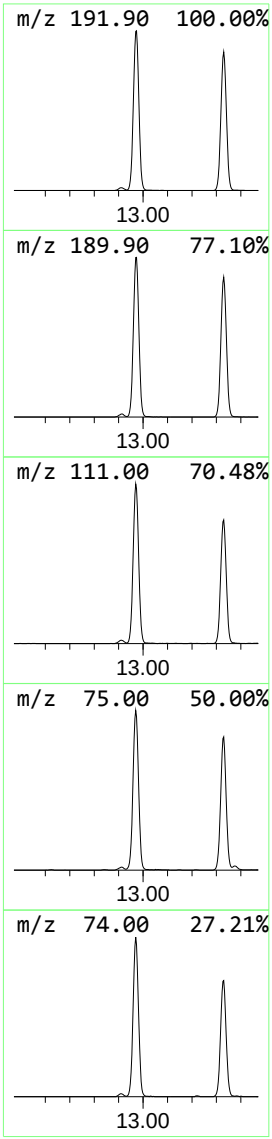
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Benzene, 1-bromo-2-chloro- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.970 | 29.63 ug/L | 1241160 | 1,4-Dichlorobenzene-d4 | 11.816 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-bromo-2-chloro- | 190 | C6H4BrCl | 000694-80-4 | 99 |
| 2 | Benzene, 1-bromo-3-chloro- | 190 | C6H4BrCl | 000108-37-2 | 98 |
| 3 | Benzene, 1-bromo-2-chloro- | 190 | C6H4BrCl | 000694-80-4 | 98 |
| 4 | Benzene, 1-bromo-3-chloro- | 190 | C6H4BrCl | 000108-37-2 | 98 |
| 5 | Benzene, 1-bromo-4-chloro- | 190 | C6H4BrCl | 000106-39-8 | 98 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
Data File : VU047933.D
Acq On : 12 Apr 2022 02:05
Operator : SY/MD
Sample : N2293-08ME
Misc : 6.28g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 41 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
ETNN8ME

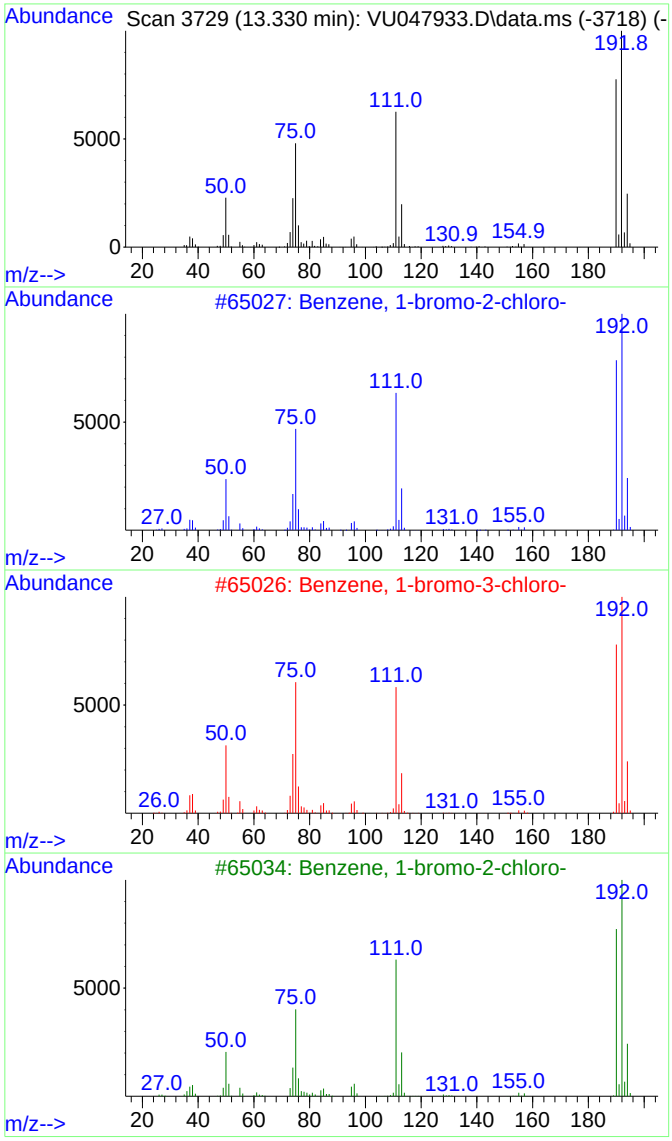
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

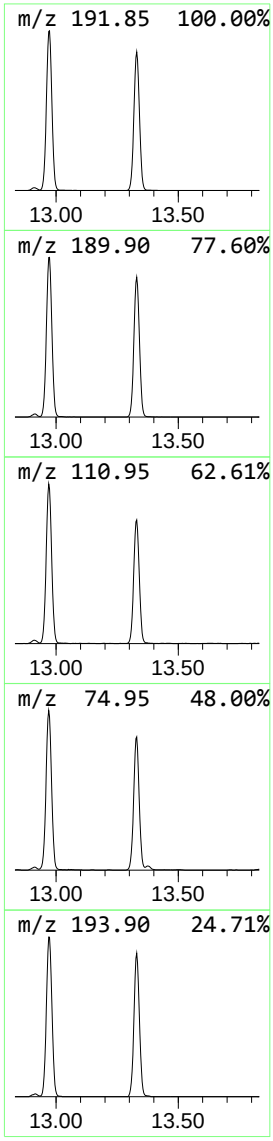
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Benzene, 1-bromo-3-chloro- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.330 | 24.05 ug/L | 1007300 | 1,4-Dichlorobenzene-d4 | 11.816 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-bromo-2-chloro- | 190 | C6H4BrCl | 000694-80-4 | 99 |
| 2 | Benzene, 1-bromo-3-chloro- | 190 | C6H4BrCl | 000108-37-2 | 99 |
| 3 | Benzene, 1-bromo-2-chloro- | 190 | C6H4BrCl | 000694-80-4 | 99 |
| 4 | Benzene, 1-bromo-4-chloro- | 190 | C6H4BrCl | 000106-39-8 | 98 |
| 5 | Benzene, 1-bromo-4-chloro- | 190 | C6H4BrCl | 000106-39-8 | 98 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
Data File : VU047933.D
Acq On : 12 Apr 2022 02:05
Operator : SY/MD
Sample : N2293-08ME
Misc : 6.28g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 41 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
ETNN8ME

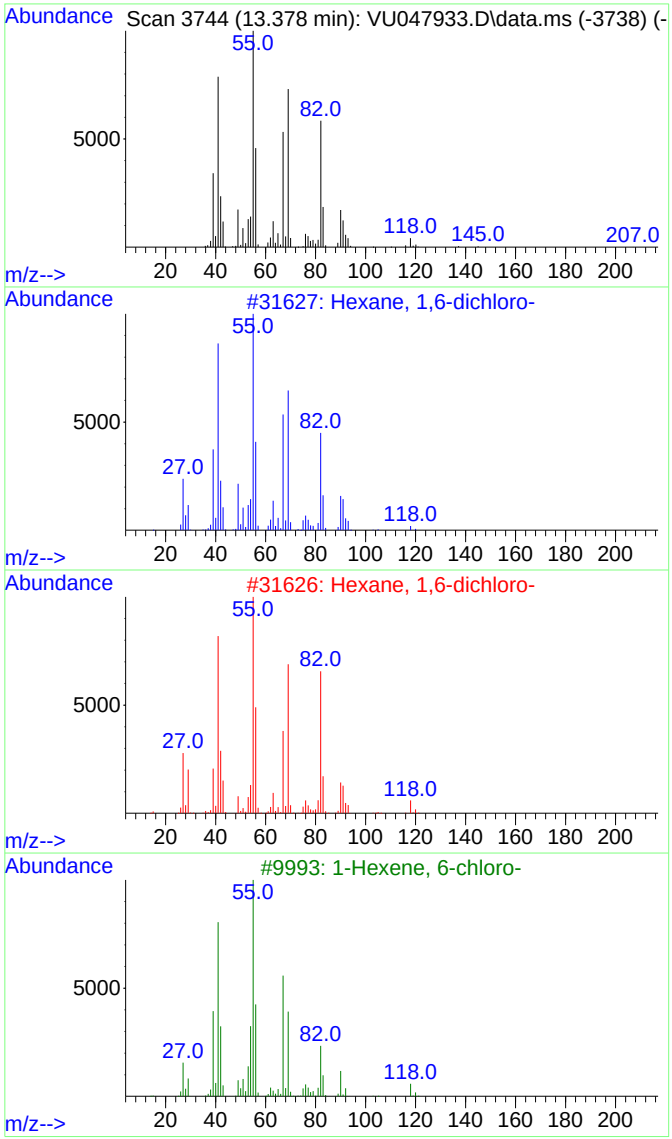
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

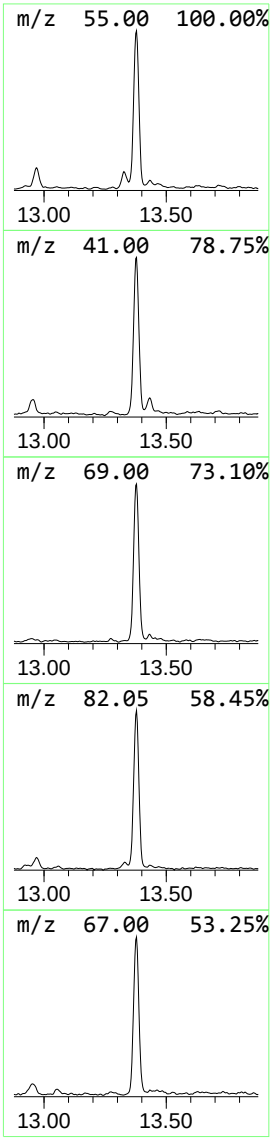
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 Hexane, 1,6-dichloro- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.378 | 7.13 ug/L | 298439 | 1,4-Dichlorobenzene-d4 | 11.816 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexane, 1,6-dichloro- | 154 | C6H12Cl2 | 002163-00-0 | 80 |
| 2 | Hexane, 1,6-dichloro- | 154 | C6H12Cl2 | 002163-00-0 | 72 |
| 3 | 1-Hexene, 6-chloro- | 118 | C6H11Cl | 000928-89-2 | 58 |
| 4 | 4-Methyl-1,3-pentadiene | 82 | C6H10 | 000926-56-7 | 38 |
| 5 | 2H-Pyran, 2-(4-chlorobutoxy)tetr... | 192 | C9H17ClO2 | 041302-05-0 | 35 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
Data File : VU047933.D
Acq On : 12 Apr 2022 02:05
Operator : SY/MD
Sample : N2293-08ME
Misc : 6.28g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 41 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
ETNN8ME

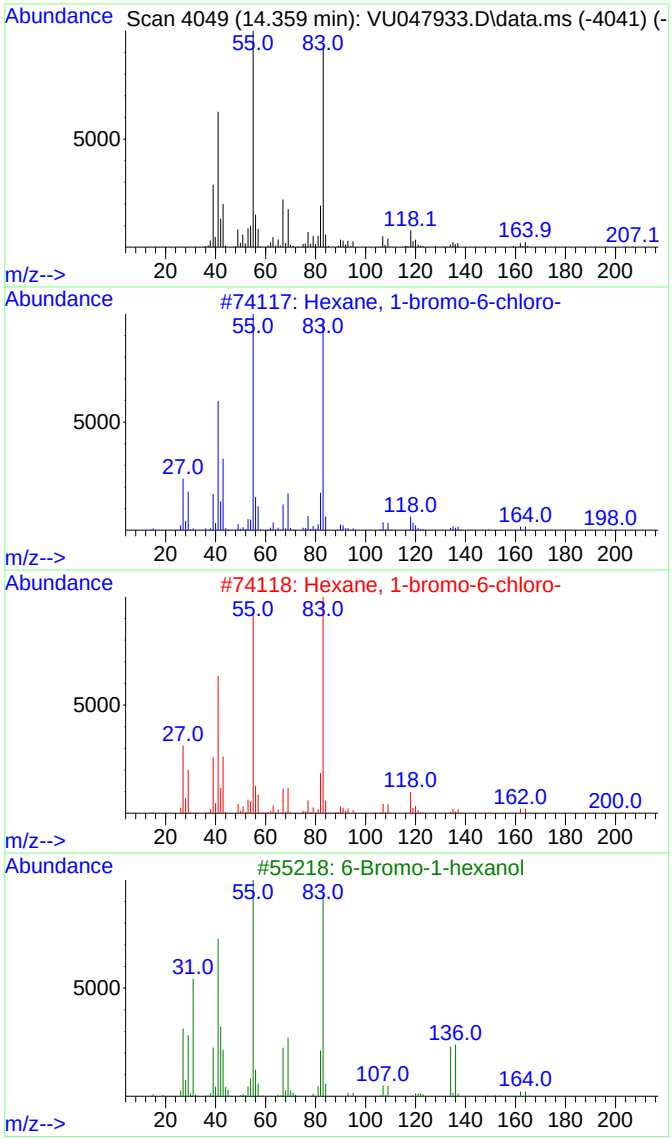
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

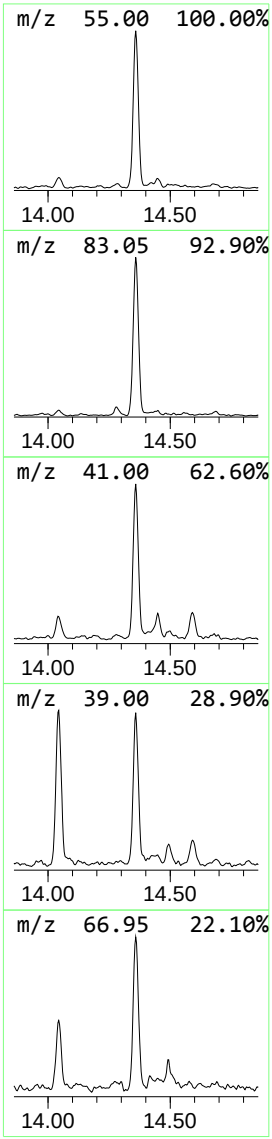
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Hexane, 1-bromo-6-chloro- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.359 | 4.82 ug/L | 201739 | 1,4-Dichlorobenzene-d4 | 11.816 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexane, 1-bromo-6-chloro- | 198 | C6H12BrCl | 006294-17-3 | 80 |
| 2 | Hexane, 1-bromo-6-chloro- | 198 | C6H12BrCl | 006294-17-3 | 72 |
| 3 | 6-Bromo-1-hexanol | 180 | C6H13BrO | 004286-55-9 | 64 |
| 4 | Cyclopentane, 1-ethyl-1-methyl- | 112 | C8H16 | 016747-50-5 | 53 |
| 5 | Oxalic acid, cyclohexyl isohexyl... | 256 | C14H24O4 | 1010309-30-7 | 50 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
Data File : VU047933.D
Acq On : 12 Apr 2022 02:05
Operator : SY/MD
Sample : N2293-08ME
Misc : 6.28g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 41 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
ETNN8ME

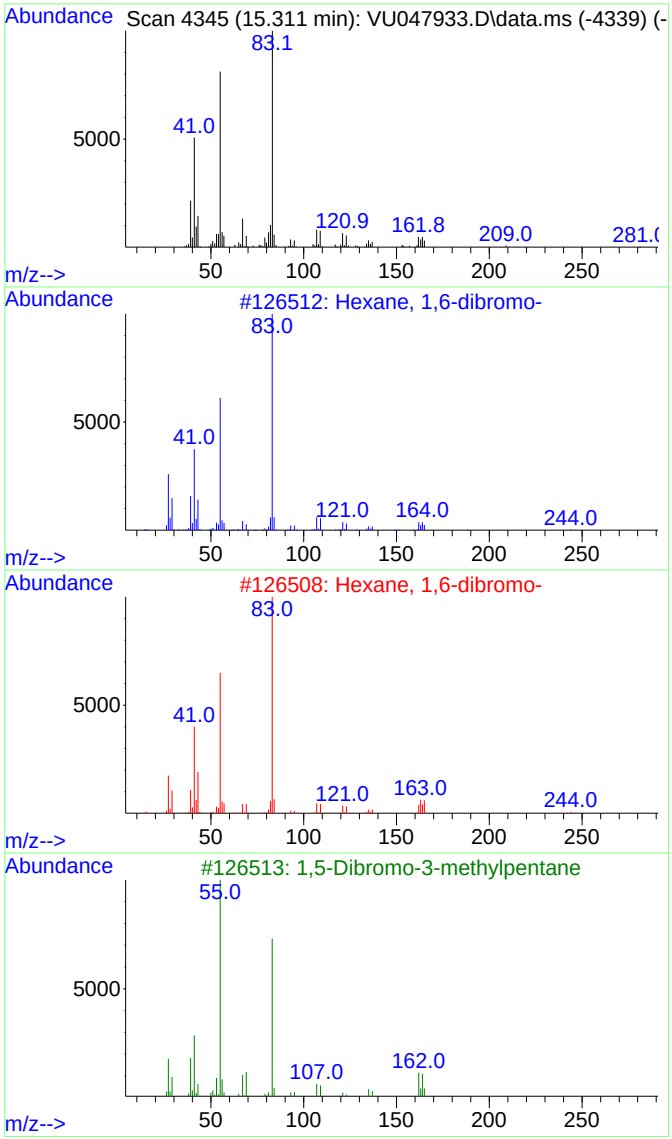
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

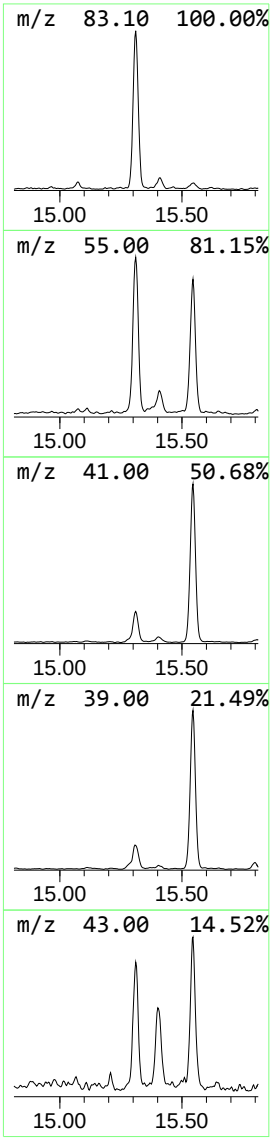
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Hexane, 1,6-dibromo- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.311 | 3.06 ug/L | 128045 | 1,4-Dichlorobenzene-d4 | 11.816 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexane, 1,6-dibromo- | 242 | C6H12Br2 | 000629-03-8 | 91 |
| 2 | Hexane, 1,6-dibromo- | 242 | C6H12Br2 | 000629-03-8 | 83 |
| 3 | 1,5-Dibromo-3-methylpentane | 242 | C6H12Br2 | 004457-72-1 | 83 |
| 4 | Hexane, 2,5-dibromo- | 242 | C6H12Br2 | 024774-58-1 | 78 |
| 5 | Cyclohexane, bromo- | 162 | C6H11Br | 000108-85-0 | 72 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
Data File : VU047933.D
Acq On : 12 Apr 2022 02:05
Operator : SY/MD
Sample : N2293-08ME
Misc : 6.28g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 41 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
ETNN8ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

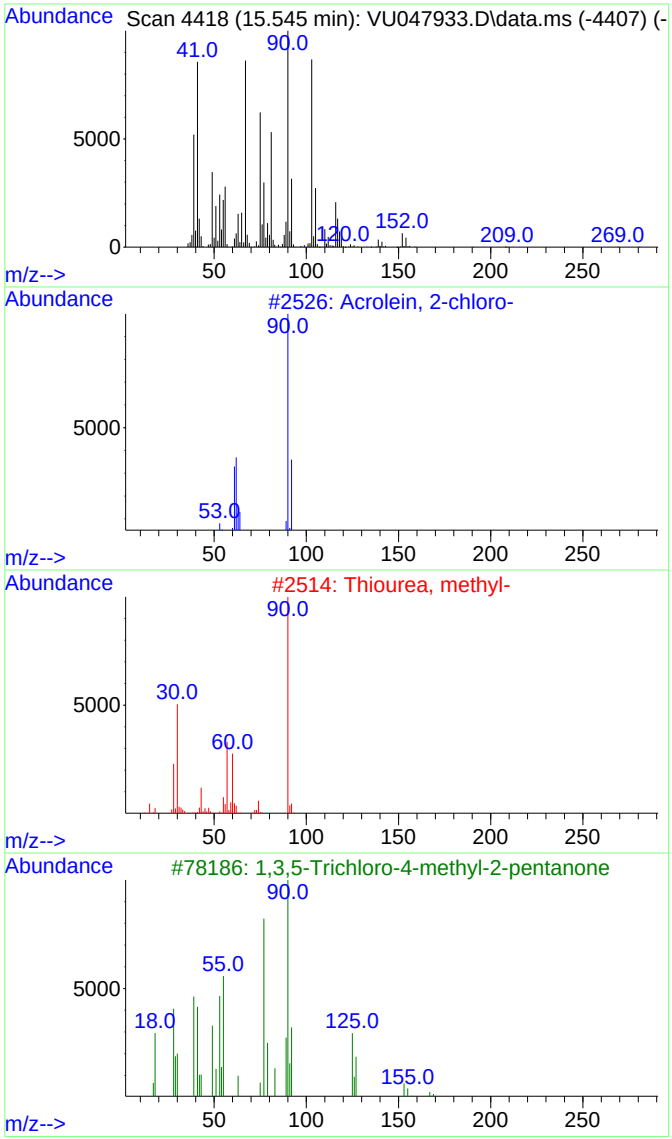
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

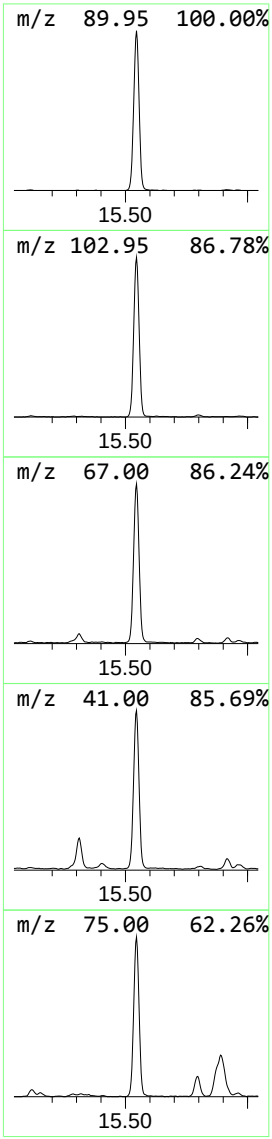
**********

Peak Number 7 unknown-01 Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.545 | 25.37 ug/L | 1062550 | 1,4-Dichlorobenzene-d4 | 11.816 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Acrolein, 2-chloro- | 90 | C3H3ClO | 000683-51-2 | 37 |
| 2 | Thiourea, methyl- | 90 | C2H6N2S | 000598-52-7 | 35 |
| 3 | 1,3,5-Trichloro-4-methyl-2-penta... | 202 | C6H9Cl3O | 1000140-03-8 | 25 |
| 4 | Propane, 2-(methylthio)- | 90 | C4H10S | 001551-21-9 | 25 |
| 5 | 2,2-Bis(chloromethyl)-1-propanol | 156 | C5H10Cl2O | 005355-54-4 | 23 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
Data File : VU047933.D
Acq On : 12 Apr 2022 02:05
Operator : SY/MD
Sample : N2293-08ME
Misc : 6.28g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 41 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
ETNN8ME

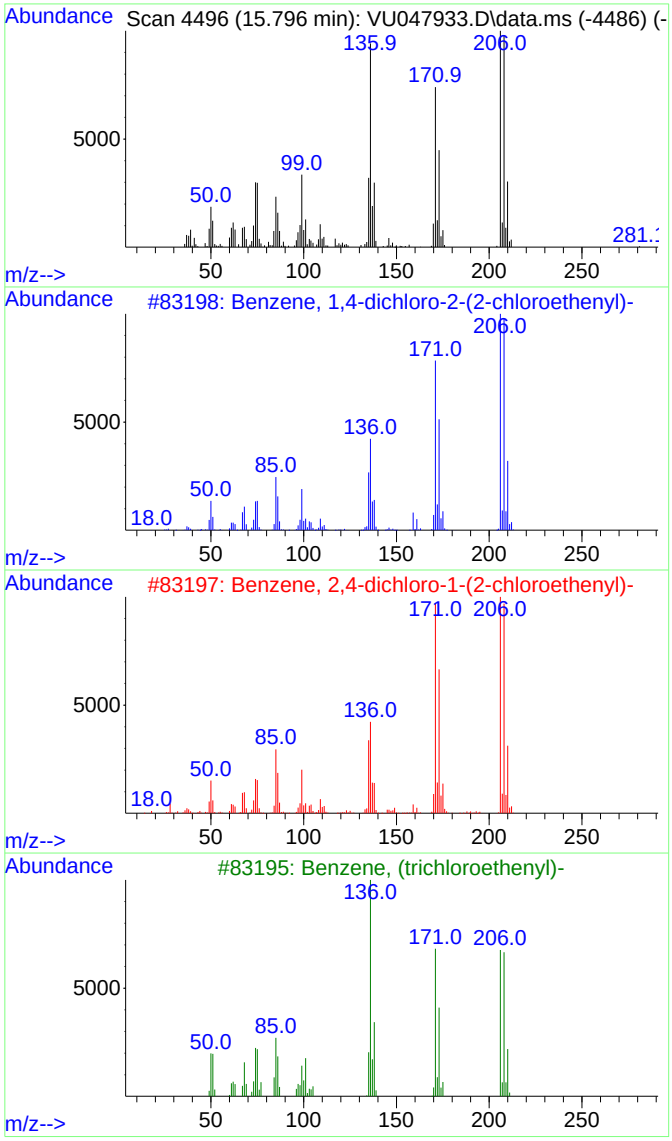
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

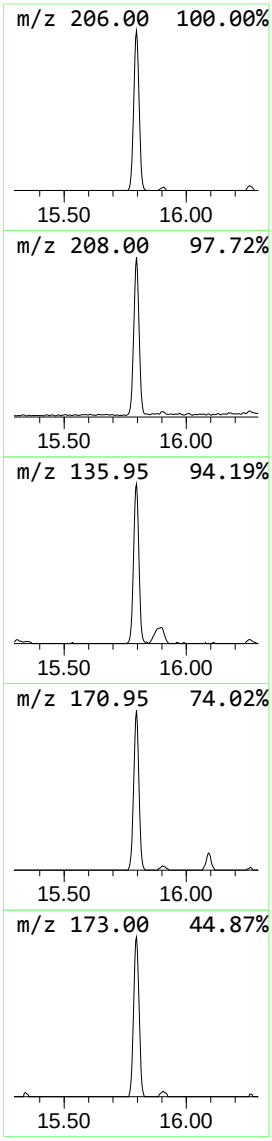
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Benzene, 1,4-dichloro-2-(2-... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.796 | 6.45 ug/L | 270068 | 1,4-Dichlorobenzene-d4 | 11.816 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,4-dichloro-2-(2-chlor... | 206 | C8H5Cl3 | 054935-00-1 | 98 |
| 2 | Benzene, 2,4-dichloro-1-(2-chlor... | 206 | C8H5Cl3 | 045892-47-5 | 96 |
| 3 | Benzene, (trichloroethenyl)- | 206 | C8H5Cl3 | 000700-60-7 | 93 |
| 4 | 1,1-Dichloro-2-(P-chlorophenyl)e... | 206 | C8H5Cl3 | 005263-17-2 | 53 |
| 5 | Phenol, 4-bromo-2-chloro- | 206 | C6H4BrClO | 003964-56-5 | 50 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
Data File : VU047933.D
Acq On : 12 Apr 2022 02:05
Operator : SY/MD
Sample : N2293-08ME
Misc : 6.28g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 41 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
ETNN8ME

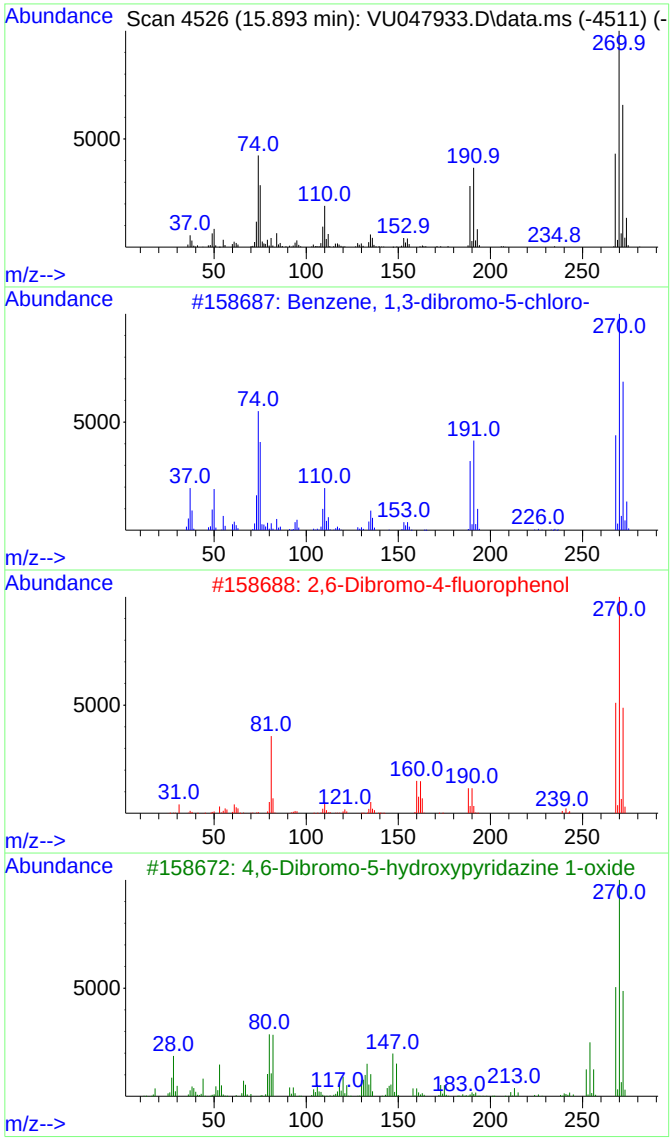
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

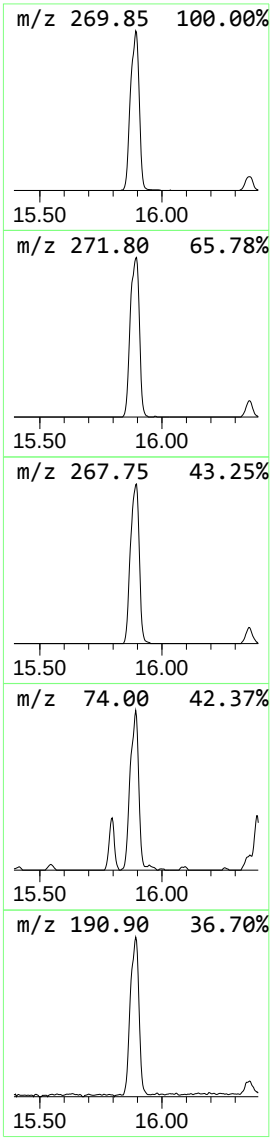
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Benzene, 1,3-dibromo-5-chloro- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.893 | 13.81 ug/L | 578553 | 1,4-Dichlorobenzene-d4 | 11.816 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,3-dibromo-5-chloro- | 268 | C6H3Br2Cl | 014862-52-3 | 94 |
| 2 | 2,6-Dibromo-4-fluorophenol | 268 | C6H3Br2FO | 000344-20-7 | 38 |
| 3 | 4,6-Dibromo-5-hydroxypyridazine ... | 268 | C4H2Br2N2O2 | 019971-61-0 | 37 |
| 4 | Pyrimidine, 4,6-dichloro-2-(meth... | 270 | C11H8Cl2N2S | 064415-11-8 | 23 |
| 5 | 5,7-Dichloro-8-[(trimethylsilyl)... | 285 | C12H13Cl2NOSi | 1000408-12-3 | 13 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
Data File : VU047933.D
Acq On : 12 Apr 2022 02:05
Operator : SY/MD
Sample : N2293-08ME
Misc : 6.28g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 41 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
ETNN8ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

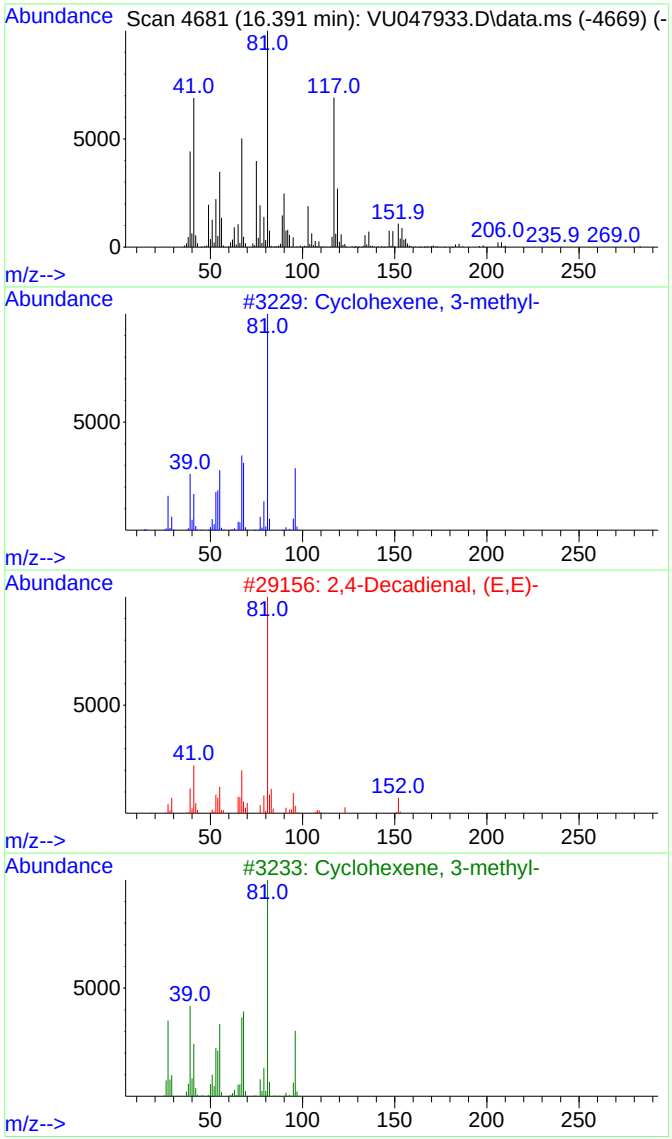
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

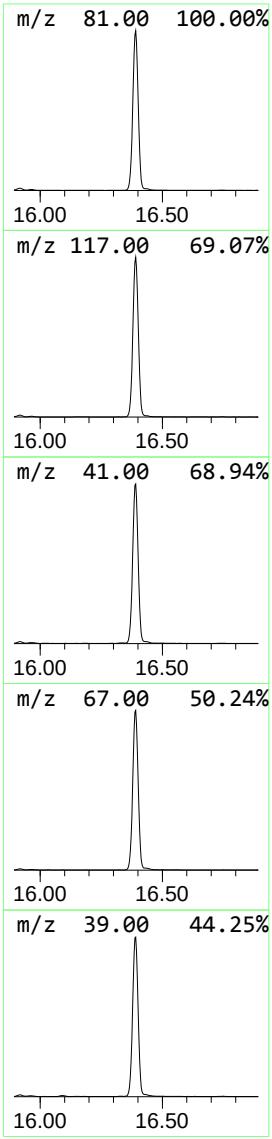
**********

Peak Number 10 unknown-02 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.391 | 156.33 ug/L | 6547660 | 1,4-Dichlorobenzene-d4 | 11.816 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexene, 3-methyl- | 96 | C7H12 | 000591-48-0 | 22 |
| 2 | 2,4-Decadienal, (E,E)- | 152 | C10H16O | 025152-84-5 | 22 |
| 3 | Cyclohexene, 3-methyl- | 96 | C7H12 | 000591-48-0 | 22 |
| 4 | (9-Oxabicyclo[3.3.1]non-6-en-3-y... | 154 | C9H14O2 | 1000191-02-8 | 12 |
| 5 | 2-Hexyne, 4-methyl- | 96 | C7H12 | 020198-49-6 | 12 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
Data File : VU047933.D
Acq On : 12 Apr 2022 02:05
Operator : SY/MD
Sample : N2293-08ME
Misc : 6.28g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 41 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
ETNN8ME

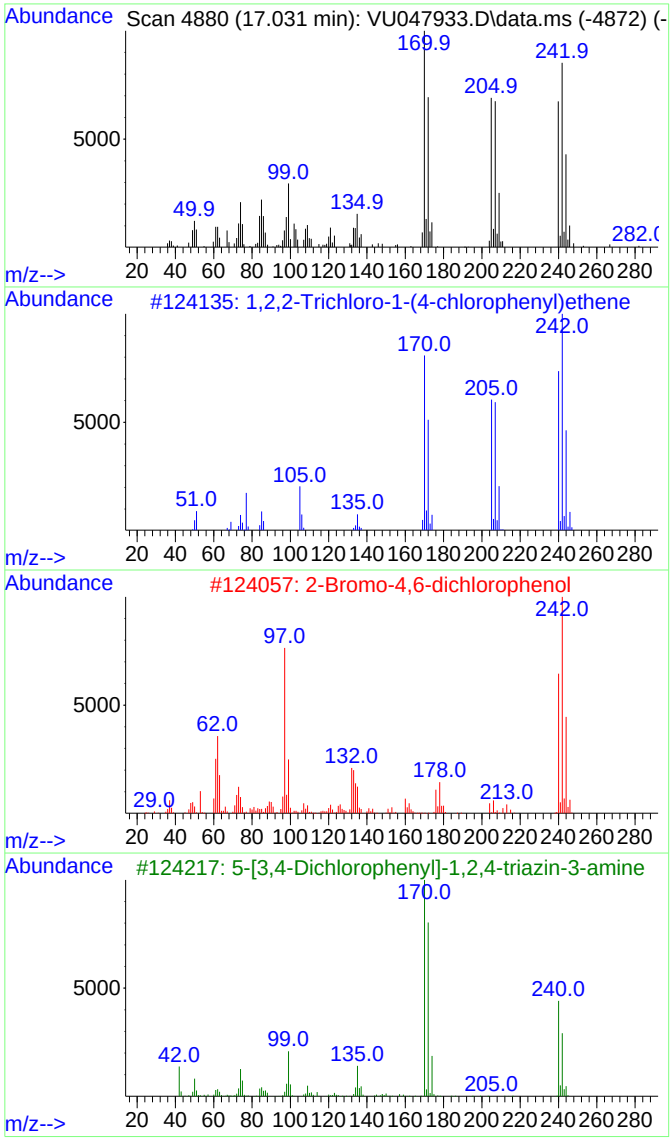
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

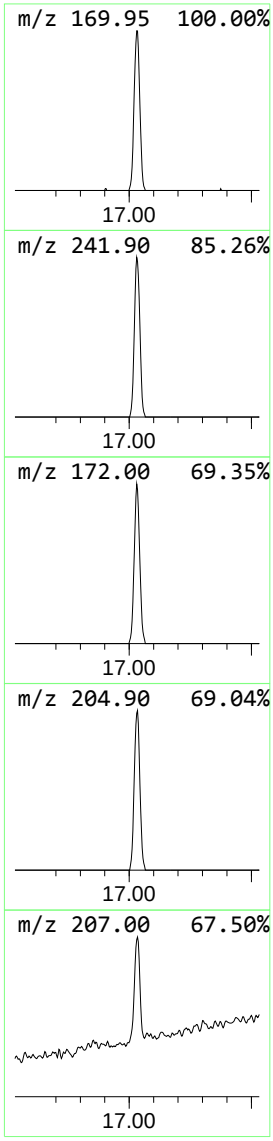
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 1,2,2-Trichloro-1-(4-chloro... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.031 | 3.35 ug/L | 140436 | 1,4-Dichlorobenzene-d4 | 11.816 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,2,2-Trichloro-1-(4-chloropheny... | 240 | C8H4Cl4 | 004714-35-6 | 99 |
| 2 | 2-Bromo-4,6-dichlorophenol | 240 | C6H3BrCl2O | 004524-77-0 | 50 |
| 3 | 5-[3,4-Dichlorophenyl]-1,2,4-tri... | 240 | C9H6Cl2N4 | 1000213-66-2 | 46 |
| 4 | 2-Chloro-4-fluoro-5-methylbenzen... | 242 | C7H5Cl2FO2S | 1000443-97-7 | 46 |
| 5 | 3-Amino-6-bromo-2,4-dichloropyri... | 240 | C5H3BrCl2N2 | 237435-16-4 | 38 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
Data File : VU047933.D
Acq On : 12 Apr 2022 02:05
Operator : SY/MD
Sample : N2293-08ME
Misc : 6.28g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 41 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
ETNN8ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

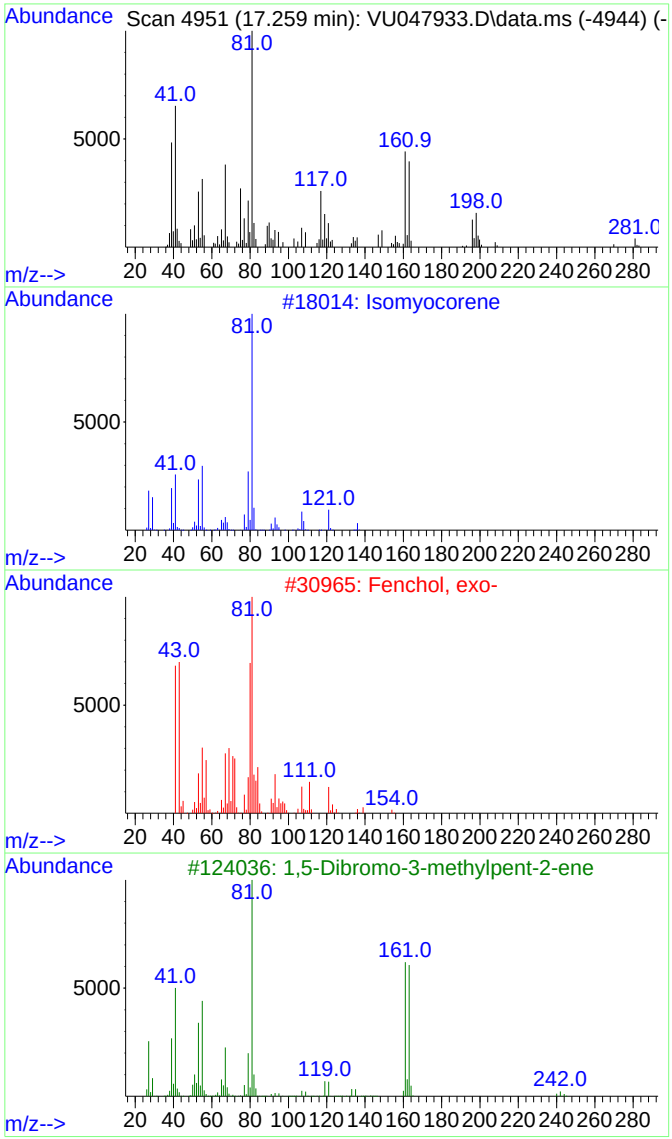
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

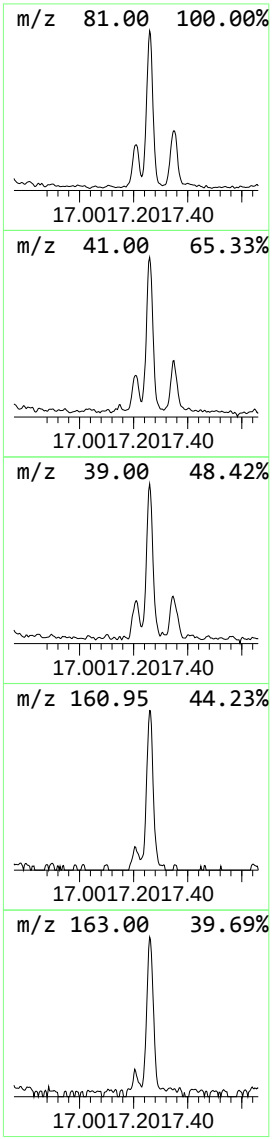
**********

Peak Number 12 unknown-03 Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.259 | 2.91 ug/L | 121722 | 1,4-Dichlorobenzene-d4 | 11.816 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Isomyocorene | 136 | C10H16 | 006876-07-9 | 38 |
| 2 | Fenchol, exo- | 154 | C10H18O | 022627-95-8 | 32 |
| 3 | 1,5-Dibromo-3-methylpent-2-ene | 240 | C6H10Br2 | 133545-67-2 | 27 |
| 4 | 2,3-Diazabicyclo[2.2.1]hept-2-en... | 178 | C11H18N2 | 150667-99-5 | 22 |
| 5 | Cyclopropane, 1-methyl-1-isoprop... | 96 | C7H12 | 003422-07-9 | 22 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
Data File : VU047933.D
Acq On : 12 Apr 2022 02:05
Operator : SY/MD
Sample : N2293-08ME
Misc : 6.28g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 41 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
ETNN8ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.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 |
| Benzene, 1-brom... | 12.970 | 29.6 | ug/L | 1241160 | 3 | 11.816 | 2094180 | 50.0 |
| Benzene, 1-brom... | 13.330 | 24.1 | ug/L | 1007300 | 3 | 11.816 | 2094180 | 50.0 |
| Hexane, 1,6-dic... | 13.378 | 7.1 | ug/L | 298439 | 3 | 11.816 | 2094180 | 50.0 |
| Hexane, 1-bromo... | 14.359 | 4.8 | ug/L | 201739 | 3 | 11.816 | 2094180 | 50.0 |
| Hexane, 1,6-dib... | 15.311 | 3.1 | ug/L | 128045 | 3 | 11.816 | 2094180 | 50.0 |
| unknown-01 | 15.545 | 25.4 | ug/L | 1062550 | 3 | 11.816 | 2094180 | 50.0 |
| Benzene, 1,4-di... | 15.796 | 6.5 | ug/L | 270068 | 3 | 11.816 | 2094180 | 50.0 |
| Benzene, 1,3-di... | 15.893 | 13.8 | ug/L | 578553 | 3 | 11.816 | 2094180 | 50.0 |
| unknown-02 | 16.391 | 156.3 | ug/L | 6547660 | 3 | 11.816 | 2094180 | 50.0 |
| 1,2,2-Trichloro... | 17.031 | 3.4 | ug/L | 140436 | 3 | 11.816 | 2094180 | 50.0 |
| unknown-03 | 17.259 | 2.9 | ug/L | 121722 | 3 | 11.816 | 2094180 | 50.0 |