LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102725\
Data File : VN088120.D
Acq On : 27 Oct 2025 17:19
Operator : JC\MD
Sample : Q3426-04 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW2

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_N\methods\82N102325W.M
Title : SW846 8260

Signal : TIC: VN088120.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.265 | 215 | 223 | 236 | rBV | 95634 | 239976 | 8.00% | 0.663% |
| 2 | 3.653 | 281 | 289 | 301 | rBV2 | 75009 | 214773 | 7.16% | 0.593% |
| 3 | 4.148 | 363 | 373 | 391 | rVB2 | 161990 | 469483 | 15.65% | 1.296% |
| 4 | 4.424 | 411 | 420 | 433 | rVB3 | 14885 | 53246 | 1.77% | 0.147% |
| 5 | 5.153 | 532 | 544 | 553 | rBV2 | 34242 | 115545 | 3.85% | 0.319% |
| 6 | 5.265 | 554 | 563 | 564 | rBV3 | 29906 | 60963 | 2.03% | 0.168% |
| 7 | 5.347 | 567 | 577 | 578 | rBV4 | 79569 | 193147 | 6.44% | 0.533% |
| 8 | 5.806 | 641 | 655 | 669 | rBV3 | 85114 | 300510 | 10.02% | 0.830% |
| 9 | 6.106 | 696 | 706 | 719 | rVB4 | 22560 | 74907 | 2.50% | 0.207% |
| 10 | 6.294 | 725 | 738 | 751 | rBV3 | 40441 | 123140 | 4.10% | 0.340% |
| 11 | 6.641 | 782 | 797 | 809 | rBV | 152295 | 464247 | 15.47% | 1.282% |
| 12 | 6.777 | 811 | 820 | 830 | rBV3 | 86900 | 264653 | 8.82% | 0.731% |
| 13 | 6.871 | 830 | 836 | 846 | rVB3 | 20495 | 57401 | 1.91% | 0.158% |
| 14 | 7.071 | 860 | 870 | 885 | rVB2 | 119685 | 355256 | 11.84% | 0.981% |
| 15 | 7.312 | 899 | 911 | 920 | rBV | 540207 | 1608576 | 53.61% | 4.441% |
| 16 | 7.918 | 1006 | 1014 | 1018 | rBV4 | 20138 | 49492 | 1.65% | 0.137% |
| 17 | 7.988 | 1018 | 1026 | 1036 | rVB2 | 266438 | 642278 | 21.41% | 1.773% |
| 18 | 8.147 | 1044 | 1053 | 1058 | rBV | 267310 | 663765 | 22.12% | 1.833% |
| 19 | 8.235 | 1058 | 1068 | 1078 | rVB2 | 746901 | 2609095 | 86.95% | 7.203% |
| 20 | 8.430 | 1091 | 1101 | 1106 | rBV2 | 41105 | 96449 | 3.21% | 0.266% |
| 21 | 8.488 | 1106 | 1111 | 1116 | rVV5 | 36192 | 84772 | 2.83% | 0.234% |
| 22 | 8.583 | 1116 | 1127 | 1140 | rVV2 | 1045357 | 3000574 | 100.00% | 8.284% |
| 23 | 8.712 | 1140 | 1149 | 1155 | rVV3 | 197274 | 581769 | 19.39% | 1.606% |
| 24 | 8.771 | 1155 | 1159 | 1165 | rVV3 | 115266 | 252861 | 8.43% | 0.698% |
| 25 | 8.835 | 1165 | 1170 | 1180 | rVV2 | 105651 | 242322 | 8.08% | 0.669% |
| 26 | 8.924 | 1180 | 1185 | 1197 | rVB8 | 25258 | 78053 | 2.60% | 0.215% |
| 27 | 9.082 | 1203 | 1212 | 1219 | rBV | 835279 | 1858915 | 61.95% | 5.132% |
| 28 | 9.241 | 1233 | 1239 | 1245 | rVB3 | 27708 | 52624 | 1.75% | 0.145% |
| 29 | 9.312 | 1245 | 1251 | 1255 | rVV2 | 52133 | 108169 | 3.60% | 0.299% |
| 30 | 9.365 | 1255 | 1260 | 1270 | rVB | 65832 | 144816 | 4.83% | 0.400% |
| 31 | 9.582 | 1282 | 1297 | 1314 | rBV | 684549 | 1633616 | 54.44% | 4.510% |
| 32 | 9.759 | 1318 | 1327 | 1333 | rBV | 64912 | 129241 | 4.31% | 0.357% |
| 33 | 9.918 | 1347 | 1354 | 1355 | rBV3 | 68794 | 104240 | 3.47% | 0.288% |
| 34 | 9.988 | 1364 | 1366 | 1374 | rVB6 | 30335 | 50199 | 1.67% | 0.139% |
| 35 | 10.082 | 1374 | 1382 | 1387 | rBV | 217158 | 420448 | 14.01% | 1.161% |
| 36 | 10.129 | 1387 | 1390 | 1397 | rVB5 | 42000 | 76995 | 2.57% | 0.213% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102725\
Data File : VN088120.D
Acq On : 27 Oct 2025 17:19
Operator : JC\MD
Sample : Q3426-04 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW2

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_N\methods\82N102325W.M
Title : SW846 8260

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 10.318 | 1413 | 1422 | 1434 | rBV5 | 34632 | 111365 | 3.71% | 0.307% |
| 38 | 10.429 | 1434 | 1441 | 1453 | rVB | 215215 | 435566 | 14.52% | 1.203% |
| 39 | 10.541 | 1453 | 1460 | 1467 | rBV | 1037124 | 2001773 | 66.71% | 5.527% |
| 40 | 10.606 | 1467 | 1471 | 1476 | rVB | 85166 | 146826 | 4.89% | 0.405% |
| 41 | 10.735 | 1485 | 1493 | 1500 | rBV3 | 186702 | 372414 | 12.41% | 1.028% |
| 42 | 10.812 | 1500 | 1506 | 1514 | rVB | 169679 | 308461 | 10.28% | 0.852% |
| 43 | 10.888 | 1514 | 1519 | 1525 | rVB2 | 37960 | 64886 | 2.16% | 0.179% |
| 44 | 10.959 | 1525 | 1531 | 1542 | rVB3 | 64886 | 165956 | 5.53% | 0.458% |
| 45 | 11.235 | 1572 | 1578 | 1581 | rBV6 | 24935 | 45961 | 1.53% | 0.127% |
| 46 | 11.276 | 1581 | 1585 | 1588 | rVV3 | 23910 | 36508 | 1.22% | 0.101% |
| 47 | 11.318 | 1588 | 1592 | 1595 | rVV6 | 20838 | 40871 | 1.36% | 0.113% |
| 48 | 11.353 | 1595 | 1598 | 1602 | rVV5 | 27289 | 53021 | 1.77% | 0.146% |
| 49 | 11.400 | 1602 | 1606 | 1611 | rVV2 | 34670 | 60418 | 2.01% | 0.167% |
| 50 | 11.841 | 1674 | 1681 | 1693 | rVV | 1041219 | 1971169 | 65.69% | 5.442% |
| 51 | 11.941 | 1693 | 1698 | 1707 | rVV | 191966 | 349484 | 11.65% | 0.965% |
| 52 | 12.053 | 1708 | 1717 | 1731 | rVV | 246720 | 544298 | 18.14% | 1.503% |
| 53 | 12.371 | 1767 | 1771 | 1777 | rVB2 | 18653 | 32433 | 1.08% | 0.090% |
| 54 | 12.670 | 1813 | 1822 | 1838 | rVB | 266430 | 481142 | 16.03% | 1.328% |
| 55 | 12.829 | 1840 | 1849 | 1860 | rBV | 737108 | 1380754 | 46.02% | 3.812% |
| 56 | 13.012 | 1874 | 1880 | 1888 | rBV | 464092 | 797010 | 26.56% | 2.200% |
| 57 | 13.106 | 1892 | 1896 | 1899 | rVV | 72056 | 116896 | 3.90% | 0.323% |
| 58 | 13.153 | 1899 | 1904 | 1910 | rVB | 140690 | 250358 | 8.34% | 0.691% |
| 59 | 13.312 | 1925 | 1931 | 1939 | rBV | 195881 | 348923 | 11.63% | 0.963% |
| 60 | 13.459 | 1951 | 1956 | 1963 | rVB2 | 78550 | 131201 | 4.37% | 0.362% |
| 61 | 13.582 | 1971 | 1977 | 1984 | rBV4 | 26464 | 59014 | 1.97% | 0.163% |
| 62 | 13.647 | 1984 | 1988 | 1994 | rVB2 | 21557 | 33551 | 1.12% | 0.093% |
| 63 | 13.706 | 1994 | 1998 | 2002 | rBV3 | 19727 | 30707 | 1.02% | 0.085% |
| 64 | 13.770 | 2002 | 2009 | 2022 | rVV2 | 1090201 | 2174156 | 72.46% | 6.003% |
| 65 | 13.929 | 2030 | 2036 | 2037 | rBV | 86334 | 117232 | 3.91% | 0.324% |
| 66 | 13.970 | 2037 | 2043 | 2059 | rVV | 1302006 | 2392165 | 79.72% | 6.604% |
| 67 | 14.094 | 2059 | 2064 | 2070 | rVB4 | 29752 | 51472 | 1.72% | 0.142% |
| 68 | 14.159 | 2070 | 2075 | 2081 | rBV2 | 53742 | 86813 | 2.89% | 0.240% |
| 69 | 14.217 | 2081 | 2085 | 2093 | rVB | 23668 | 43519 | 1.45% | 0.120% |
| 70 | 14.306 | 2093 | 2100 | 2106 | rBV | 242712 | 399374 | 13.31% | 1.103% |
| 71 | 14.370 | 2106 | 2111 | 2114 | rVV | 81981 | 133239 | 4.44% | 0.368% |
| 72 | 14.423 | 2114 | 2120 | 2128 | rVV2 | 322223 | 573300 | 19.11% | 1.583% |
| 73 | 14.553 | 2135 | 2142 | 2147 | rBV5 | 20327 | 37510 | 1.25% | 0.104% |
| 74 | 14.629 | 2149 | 2155 | 2159 | rBV | 140185 | 232649 | 7.75% | 0.642% |
| 75 | 14.664 | 2159 | 2161 | 2166 | rVV2 | 44215 | 65143 | 2.17% | 0.180% |
| 76 | 14.900 | 2196 | 2201 | 2212 | rVB | 218923 | 404917 | 13.49% | 1.118% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102725\
Data File : VN088120.D
Acq On : 27 Oct 2025 17:19
Operator : JC\MD
Sample : Q3426-04 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW2

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_N\methods\82N102325W.M
Title : SW846 8260

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 15.023 | 2212 | 2222 | 2229 | rBV2 | 414601 | 887797 | 29.59% | 2.451% |
| 78 | 15.188 | 2244 | 2250 | 2257 | rBV5 | 44937 | 85687 | 2.86% | 0.237% |
| 79 | 15.288 | 2257 | 2267 | 2272 | rVV4 | 58429 | 162539 | 5.42% | 0.449% |
| 80 | 15.329 | 2272 | 2274 | 2280 | rVV4 | 30878 | 54812 | 1.83% | 0.151% |
| 81 | 15.411 | 2280 | 2288 | 2296 | rVB3 | 63251 | 149932 | 5.00% | 0.414% |
| 82 | 15.611 | 2316 | 2322 | 2330 | rBV | 66889 | 132283 | 4.41% | 0.365% |
| 83 | 15.723 | 2335 | 2341 | 2345 | rBV7 | 13949 | 30799 | 1.03% | 0.085% |
| 84 | 15.917 | 2368 | 2374 | 2379 | rBV3 | 24684 | 47703 | 1.59% | 0.132% |
| 85 | 16.100 | 2396 | 2405 | 2406 | rBV5 | 18443 | 34828 | 1.16% | 0.096% |
| 86 | 16.753 | 2509 | 2516 | 2522 | rBV3 | 33694 | 74978 | 2.50% | 0.207% |

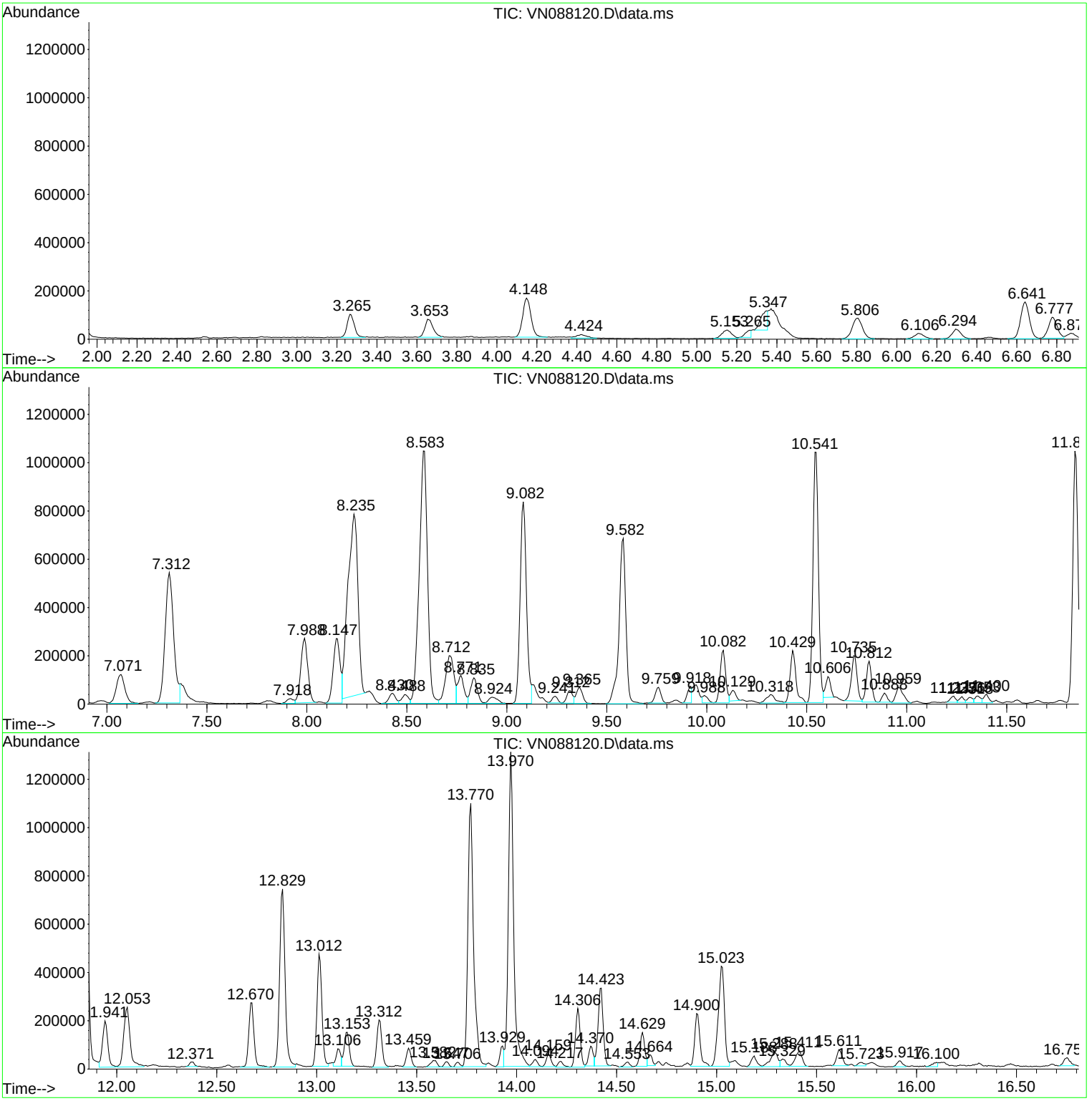
Sum of corrected areas: 36220329

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102725\
Data File : VN088120.D
Acq On : 27 Oct 2025 17:19
Operator : JC\MD
Sample : Q3426-04 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102725\
Data File : VN088120.D
Acq On : 27 Oct 2025 17:19
Operator : JC\MD
Sample : Q3426-04 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW2

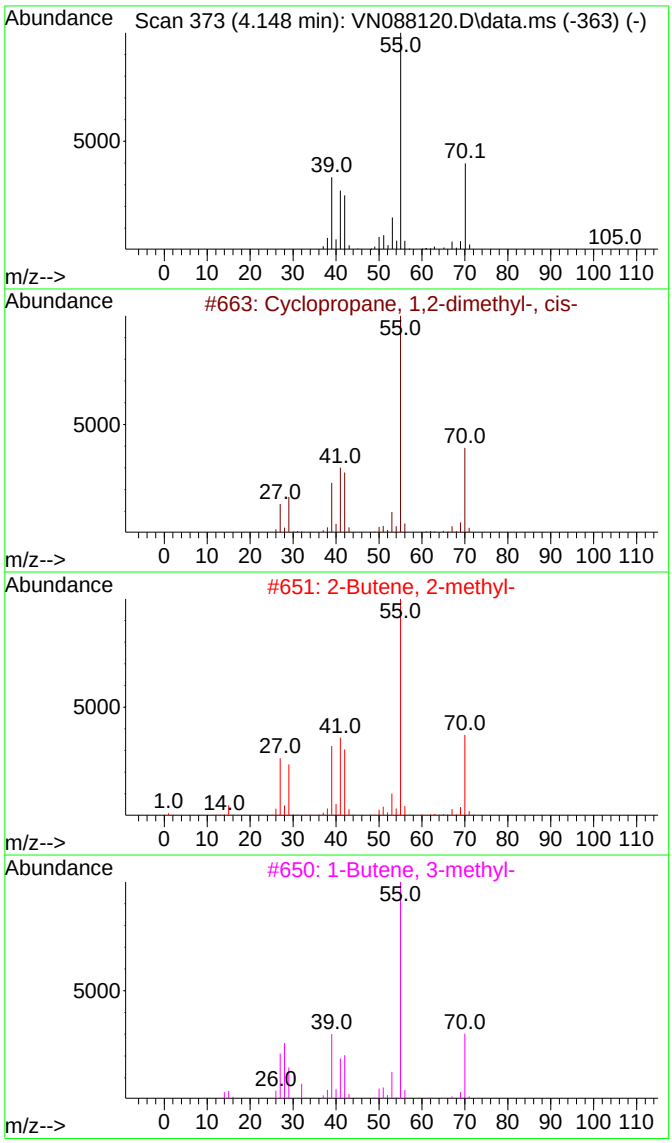
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

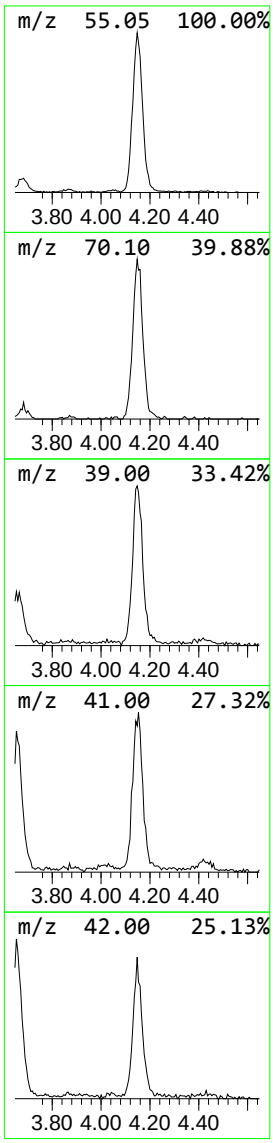
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Cyclopropane, 1,2-dimethyl-... Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.148 | 9.00 ug/l | 469483 | Pentafluorobenzene | 8.206 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopropane, 1,2-dimethyl-, cis- | 70 | C5H10 | 000930-18-7 | 90 |
| 2 | 2-Butene, 2-methyl- | 70 | C5H10 | 000513-35-9 | 90 |
| 3 | 1-Butene, 3-methyl- | 70 | C5H10 | 000563-45-1 | 87 |
| 4 | 2-Methyl-1-butene | 70 | C5H10 | 000563-46-2 | 86 |
| 5 | 2-Pentene, (Z)- | 70 | C5H10 | 000627-20-3 | 80 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102725\
Data File : VN088120.D
Acq On : 27 Oct 2025 17:19
Operator : JC\MD
Sample : Q3426-04 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW2

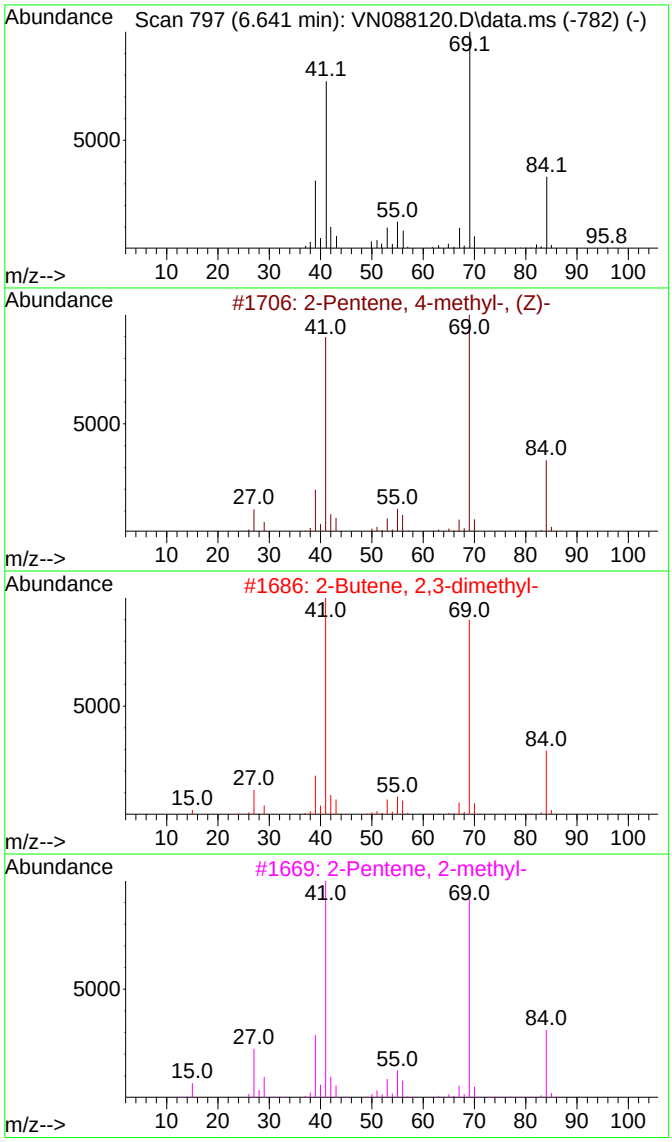
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

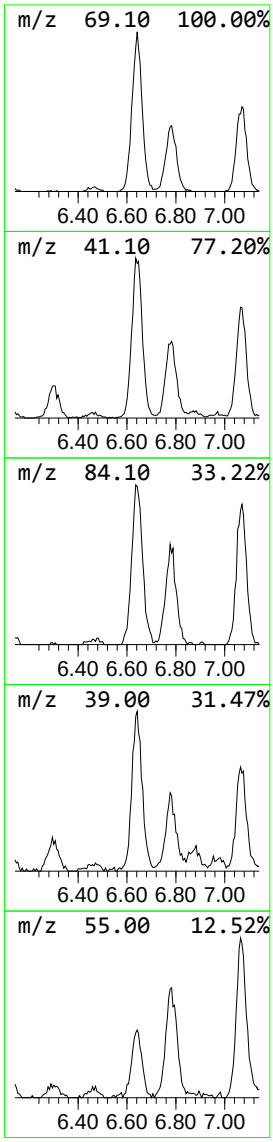
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 2-Pentene, 4-methyl-, (Z)- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.641 | 8.90 ug/l | 464247 | Pentafluorobenzene | 8.206 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentene, 4-methyl-, (Z)- | 84 | C6H12 | 000691-38-3 | 91 |
| 2 | 2-Butene, 2,3-dimethyl- | 84 | C6H12 | 000563-79-1 | 91 |
| 3 | 2-Pentene, 2-methyl- | 84 | C6H12 | 000625-27-4 | 91 |
| 4 | Cyclopropane, 1,1,2-trimethyl- | 84 | C6H12 | 004127-45-1 | 91 |
| 5 | 2-Pentene, 4-methyl- | 84 | C6H12 | 004461-48-7 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102725\
Data File : VN088120.D
Acq On : 27 Oct 2025 17:19
Operator : JC\MD
Sample : Q3426-04 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW2

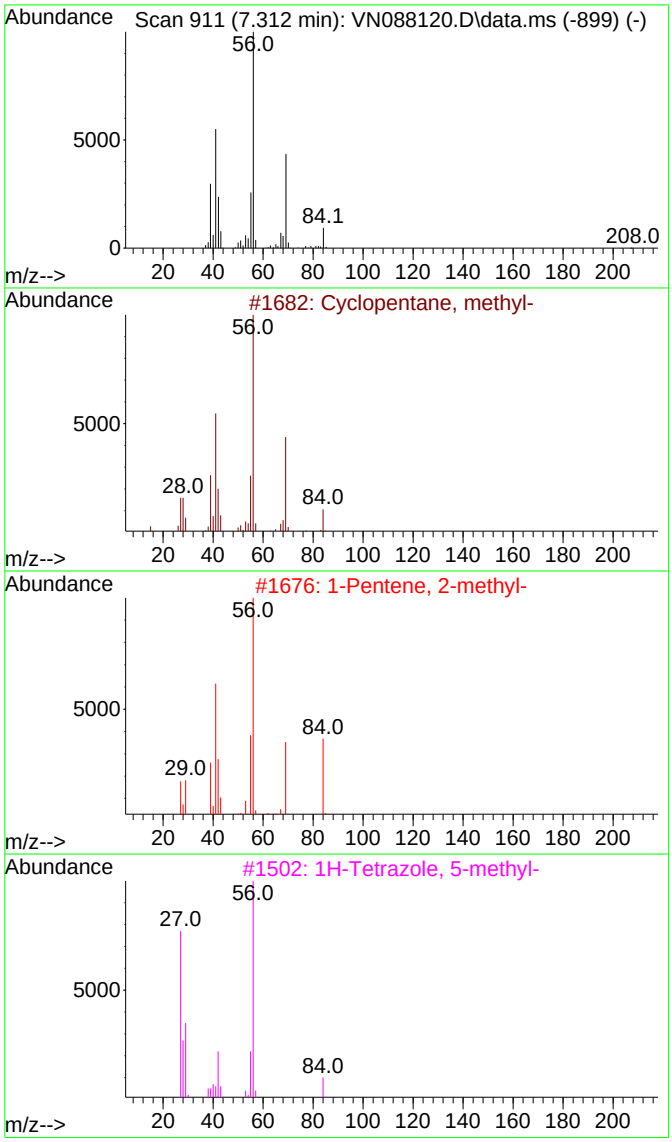
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

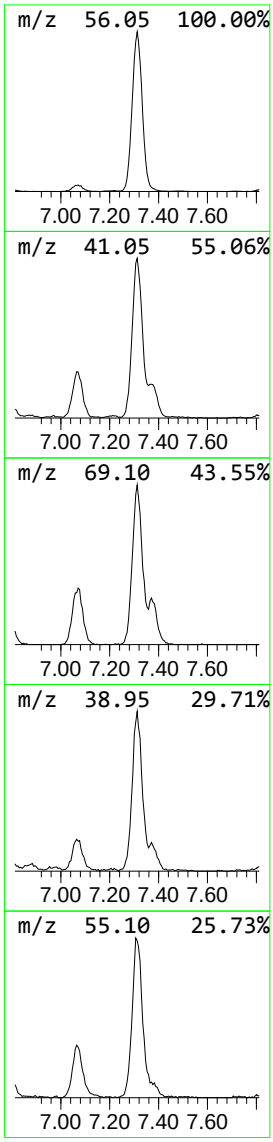
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Cyclopentane, methyl- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.312 | 30.83 ug/l | 1608580 | Pentafluorobenzene | 8.206 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentane, methyl- | 84 | C6H12 | 000096-37-7 | 91 |
| 2 | 1-Pentene, 2-methyl- | 84 | C6H12 | 000763-29-1 | 80 |
| 3 | 1H-Tetrazole, 5-methyl- | 84 | C2H4N4 | 004076-36-2 | 72 |
| 4 | Cyclobutane, ethyl- | 84 | C6H12 | 004806-61-5 | 64 |
| 5 | Cyclohexane | 84 | C6H12 | 000110-82-7 | 64 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102725\
Data File : VN088120.D
Acq On : 27 Oct 2025 17:19
Operator : JC\MD
Sample : Q3426-04 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

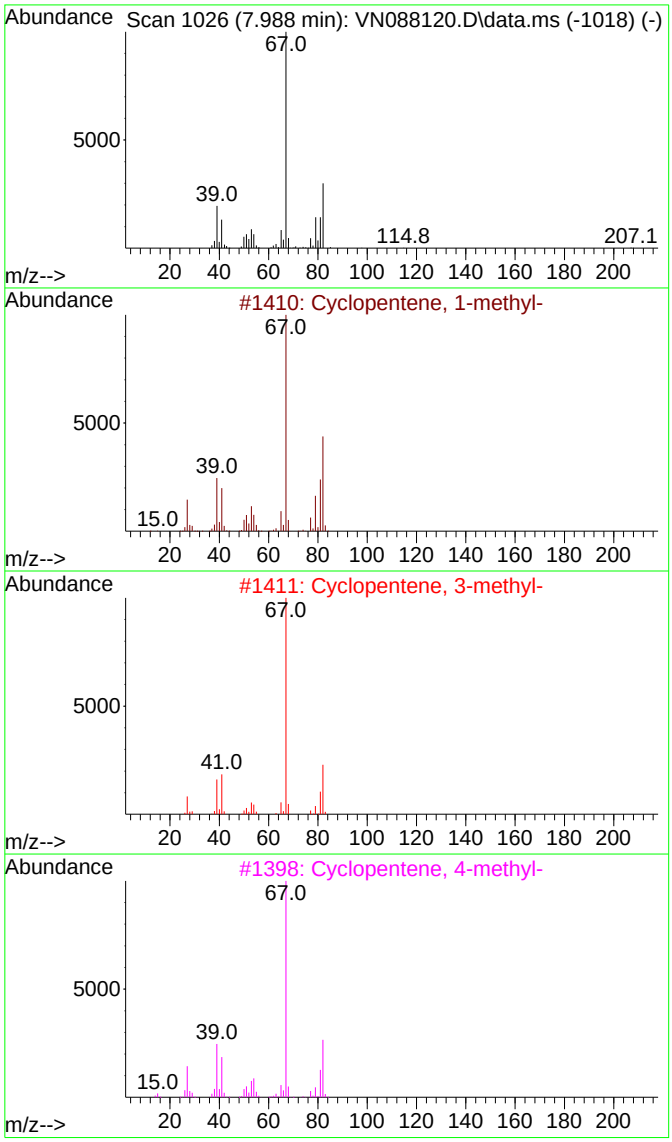
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

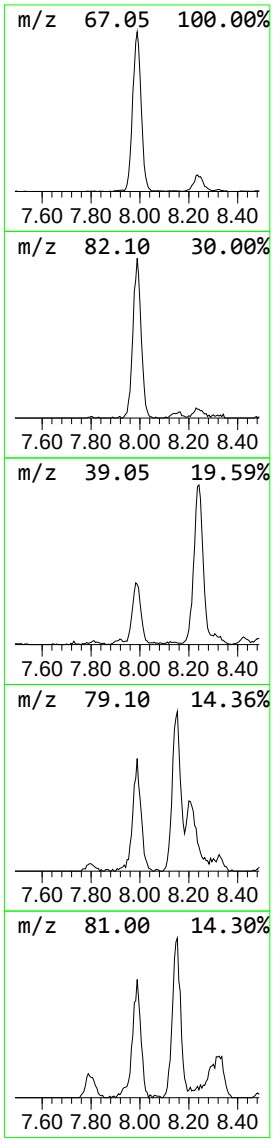
**********

Peak Number 4 Cyclopentene, 1-methyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.988 | 12.31 ug/l | 642278 | Pentafluorobenzene | 8.206 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentene, 1-methyl- | 82 | C6H10 | 000693-89-0 | 87 |
| 2 | Cyclopentene, 3-methyl- | 82 | C6H10 | 001120-62-3 | 80 |
| 3 | Cyclopentene, 4-methyl- | 82 | C6H10 | 001759-81-5 | 80 |
| 4 | 2,4-Hexadiene | 82 | C6H10 | 000592-46-1 | 80 |
| 5 | 2,4-Hexadiene, (E,Z)- | 82 | C6H10 | 005194-50-3 | 80 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102725\
Data File : VN088120.D
Acq On : 27 Oct 2025 17:19
Operator : JC\MD
Sample : Q3426-04 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

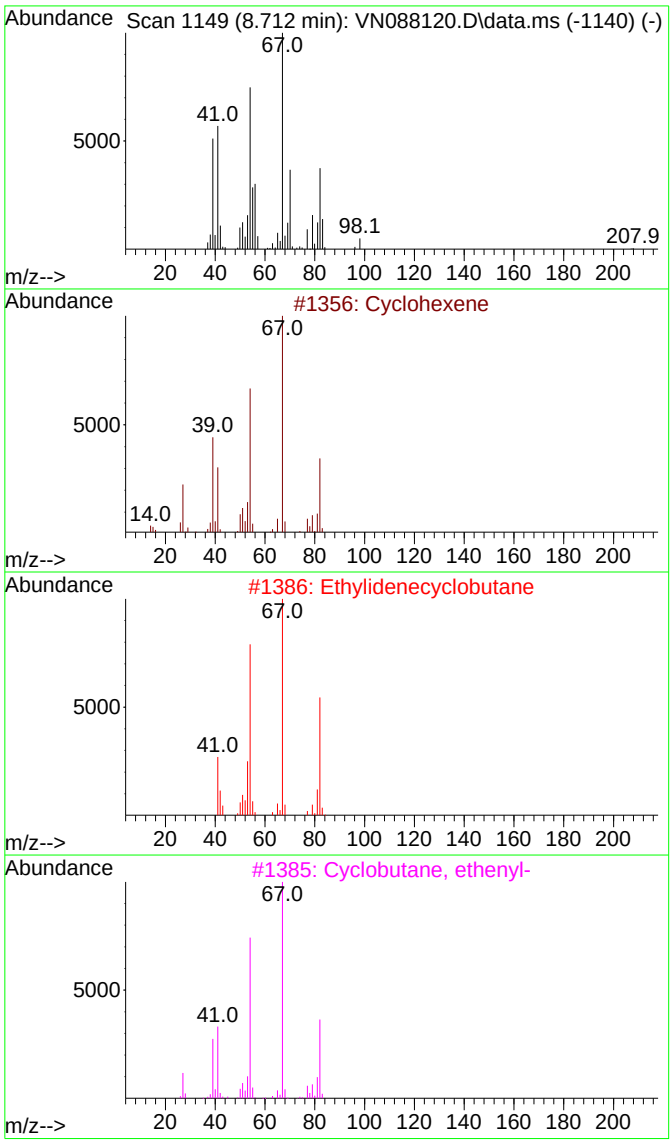
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

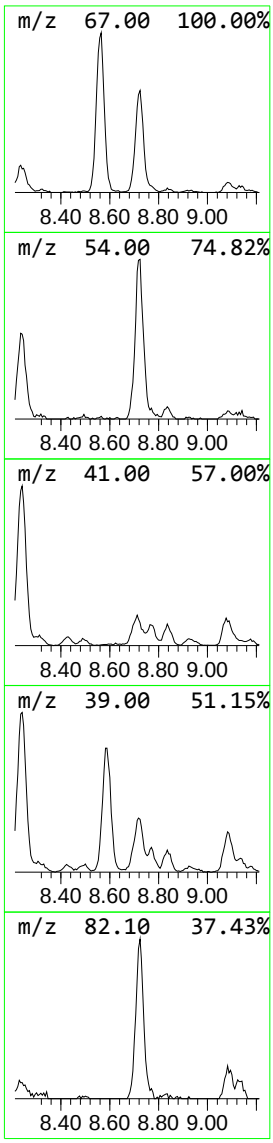
**********

Peak Number 5 Cyclohexene Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.712 | 15.65 ug/l | 581769 | 1,4-Difluorobenzene | 9.082 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexene | 82 | C6H10 | 000110-83-8 | 91 |
| 2 | Ethylidenecyclobutane | 82 | C6H10 | 001528-21-8 | 87 |
| 3 | Cyclobutane, ethenyl- | 82 | C6H10 | 002597-49-1 | 81 |
| 4 | 1,4-Hexadiene | 82 | C6H10 | 000592-45-0 | 35 |
| 5 | 1,3-Pentadiene, 2-methyl- | 82 | C6H10 | 001118-58-7 | 35 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102725\
Data File : VN088120.D
Acq On : 27 Oct 2025 17:19
Operator : JC\MD
Sample : Q3426-04 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW2

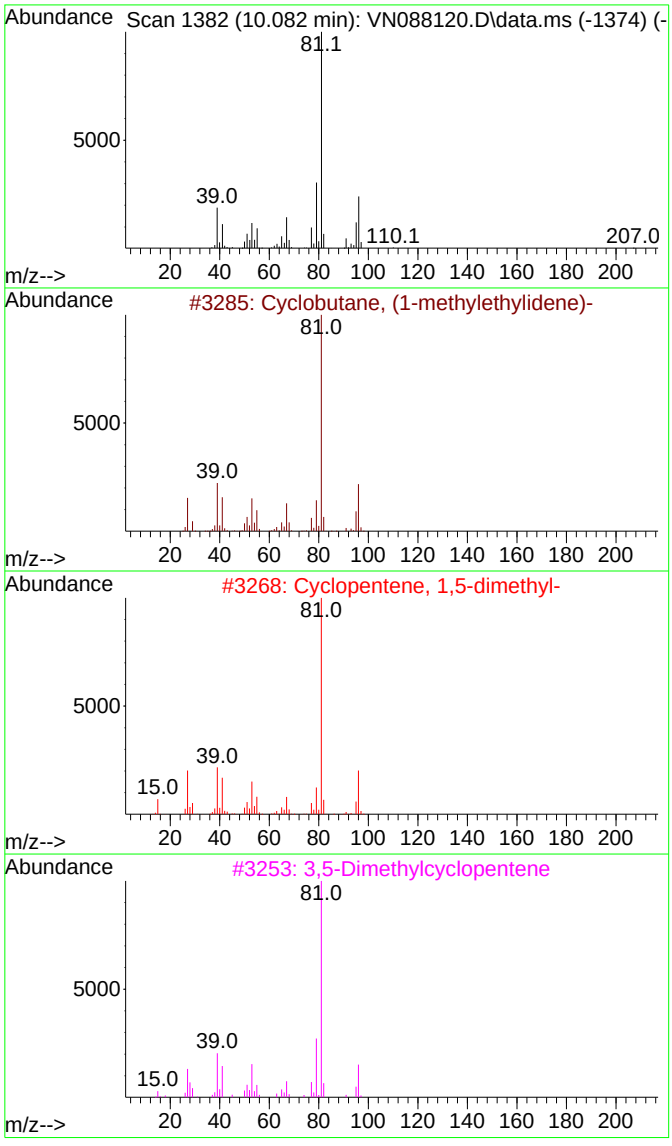
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

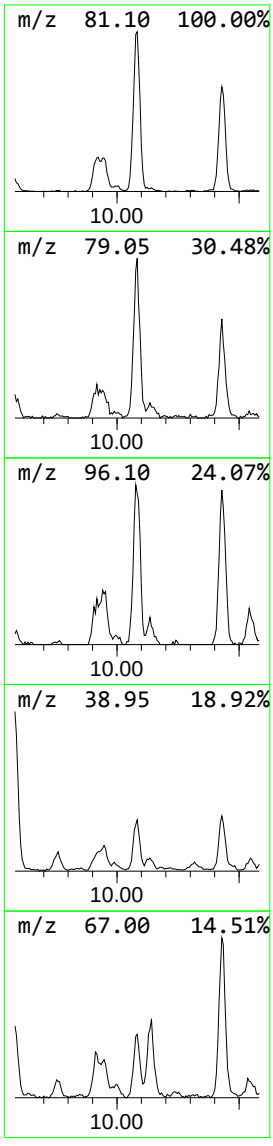
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Cyclobutane, (1-methylethyl... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.082 | 11.31 ug/l | 420448 | 1,4-Difluorobenzene | 9.082 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclobutane, (1-methylethylidene)- | 96 | C7H12 | 001528-22-9 | 90 |
| 2 | Cyclopentene, 1,5-dimethyl- | 96 | C7H12 | 016491-15-9 | 90 |
| 3 | 3,5-Dimethylcyclopentene | 96 | C7H12 | 007459-71-4 | 86 |
| 4 | 2-Pentyne, 4,4-dimethyl- | 96 | C7H12 | 000999-78-0 | 83 |
| 5 | 2,4-Hexadiene, 2-methyl- | 96 | C7H12 | 028823-41-8 | 80 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102725\
Data File : VN088120.D
Acq On : 27 Oct 2025 17:19
Operator : JC\MD
Sample : Q3426-04 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW2

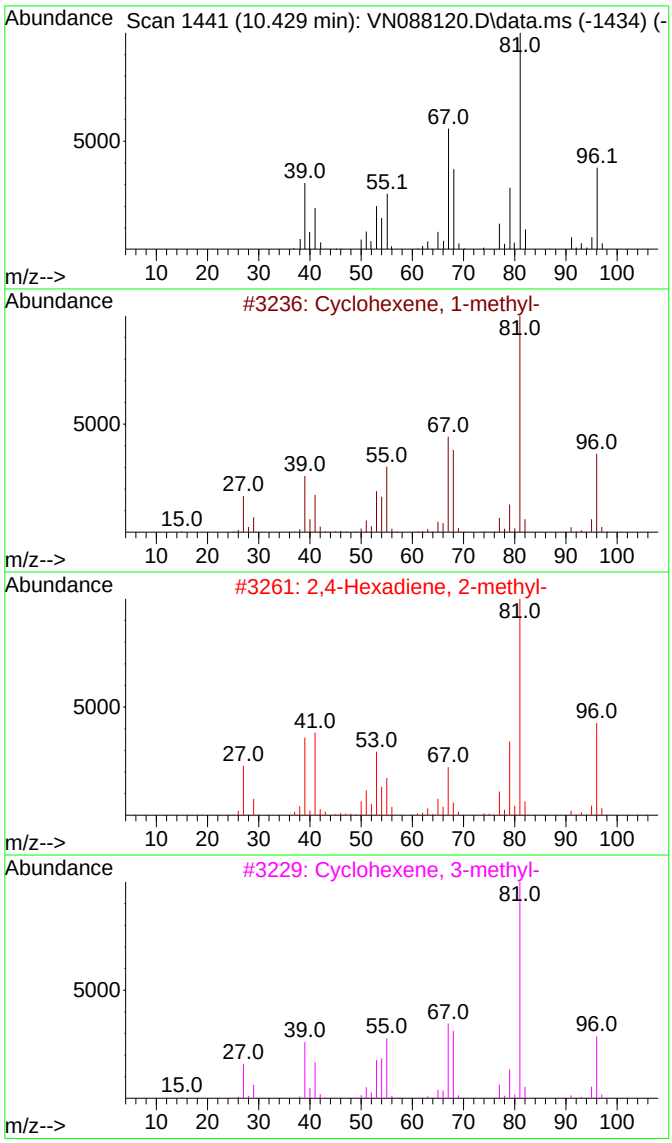
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

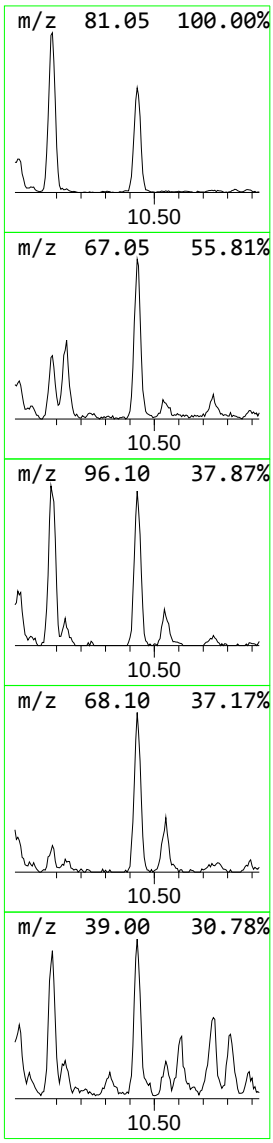
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 2,4-Hexadiene, 2-methyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.430 | 11.72 ug/l | 435566 | 1,4-Difluorobenzene | 9.082 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexene, 1-methyl- | 96 | C7H12 | 000591-49-1 | 95 |
| 2 | 2,4-Hexadiene, 2-methyl- | 96 | C7H12 | 028823-41-8 | 93 |
| 3 | Cyclohexene, 3-methyl- | 96 | C7H12 | 000591-48-0 | 87 |
| 4 | Cyclohexene, 4-methyl- | 96 | C7H12 | 000591-47-9 | 83 |
| 5 | 1,4-Heptadiene | 96 | C7H12 | 005675-22-9 | 80 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102725\
Data File : VN088120.D
Acq On : 27 Oct 2025 17:19
Operator : JC\MD
Sample : Q3426-04 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW2

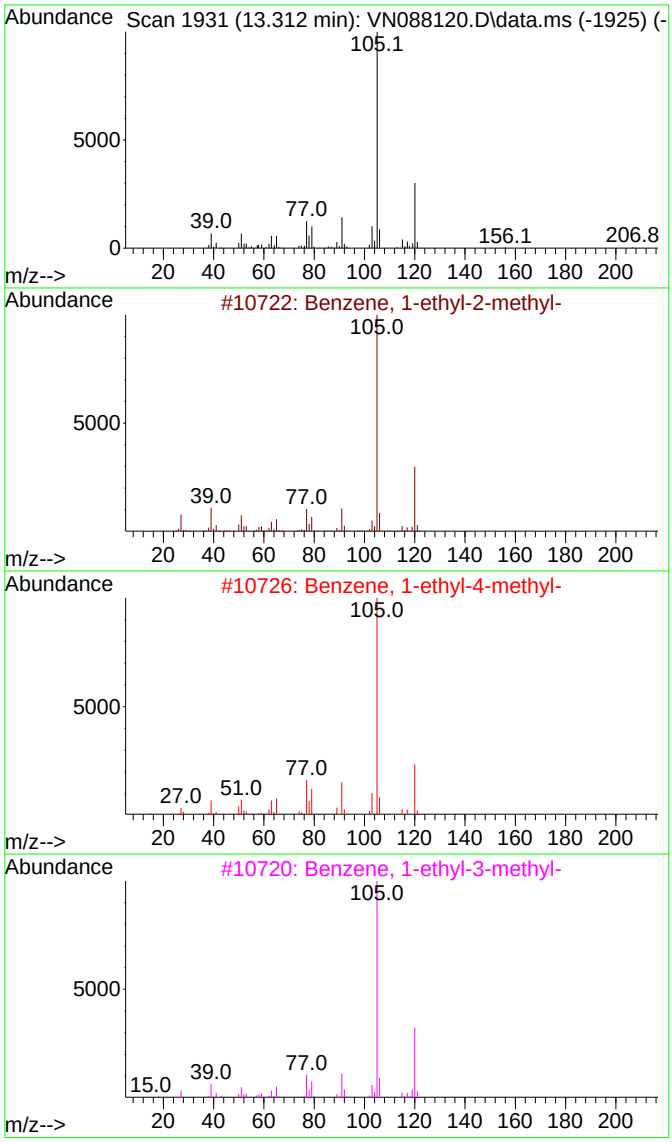
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

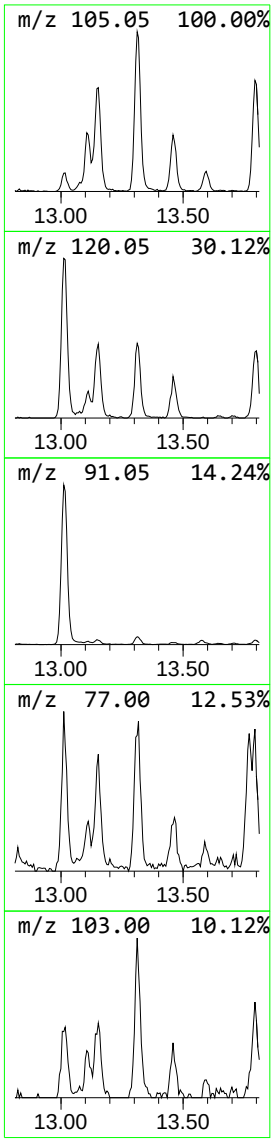
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Benzene, 1-ethyl-2-methyl- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.312 | 8.02 ug/l | 348923 | 1,4-Dichlorobenzene-d4 | 13.770 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 94 |
| 2 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 93 |
| 3 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 91 |
| 4 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |
| 5 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102725\
Data File : VN088120.D
Acq On : 27 Oct 2025 17:19
Operator : JC\MD
Sample : Q3426-04 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW2

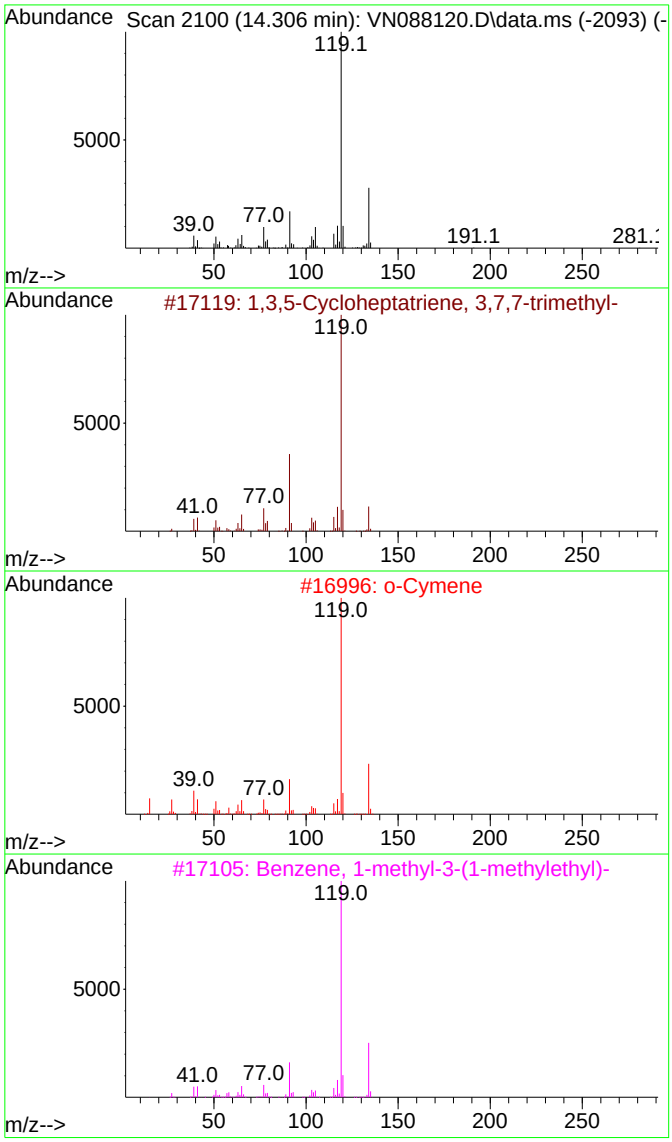
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

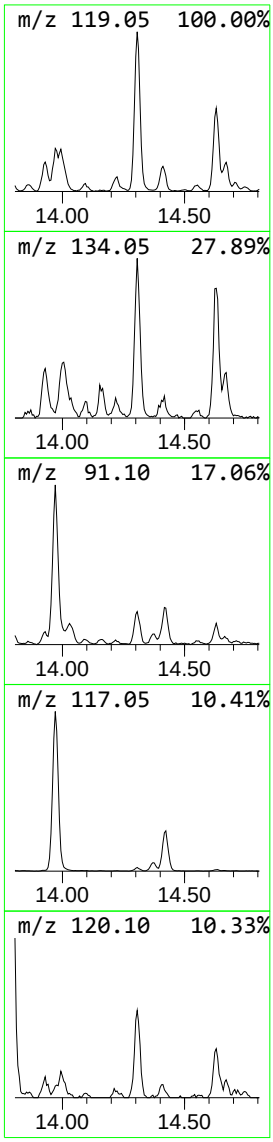
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 1,3,5-Cycloheptatriene, 3,7... Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.306 | 9.18 ug/l | 399374 | 1,4-Dichlorobenzene-d4 | 13.770 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,3,5-Cycloheptatriene, 3,7,7-tr... | 134 | C10H14 | 003479-89-8 | 95 |
| 2 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 3 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 95 |
| 4 | p-Cymene | 134 | C10H14 | 000099-87-6 | 95 |
| 5 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102725\
Data File : VN088120.D
Acq On : 27 Oct 2025 17:19
Operator : JC\MD
Sample : Q3426-04 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW2

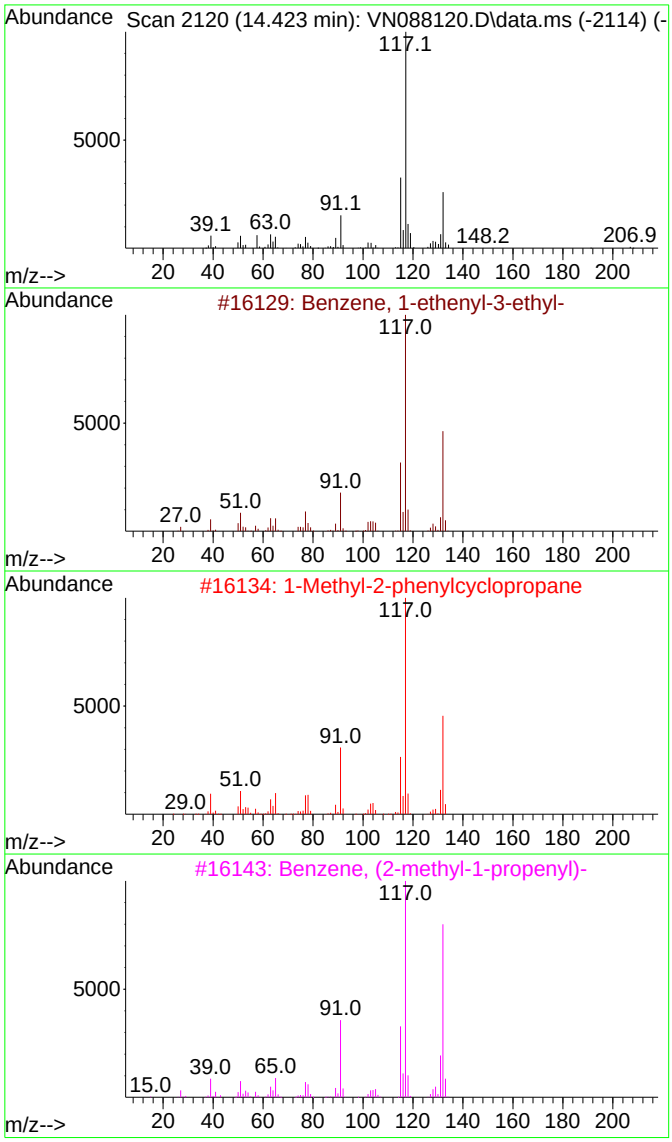
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

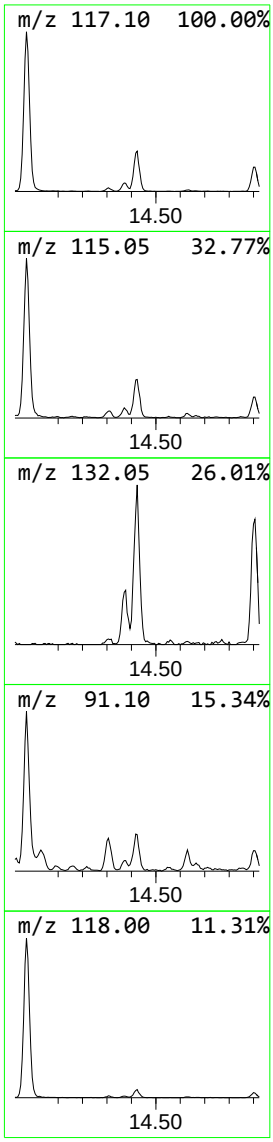
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.423 | 13.18 ug/l | 573300 | 1,4-Dichlorobenzene-d4 | 13.770 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethenyl-3-ethyl- | 132 | C10H12 | 007525-62-4 | 90 |
| 2 | 1-Methyl-2-phenylcyclopropane | 132 | C10H12 | 003145-76-4 | 90 |
| 3 | Benzene, (2-methyl-1-propenyl)- | 132 | C10H12 | 000768-49-0 | 87 |
| 4 | Indan, 1-methyl- | 132 | C10H12 | 000767-58-8 | 87 |
| 5 | 1H-Indene, 2,3-dihydro-2-methyl- | 132 | C10H12 | 000824-63-5 | 83 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102725\
Data File : VN088120.D
Acq On : 27 Oct 2025 17:19
Operator : JC\MD
Sample : Q3426-04 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW2

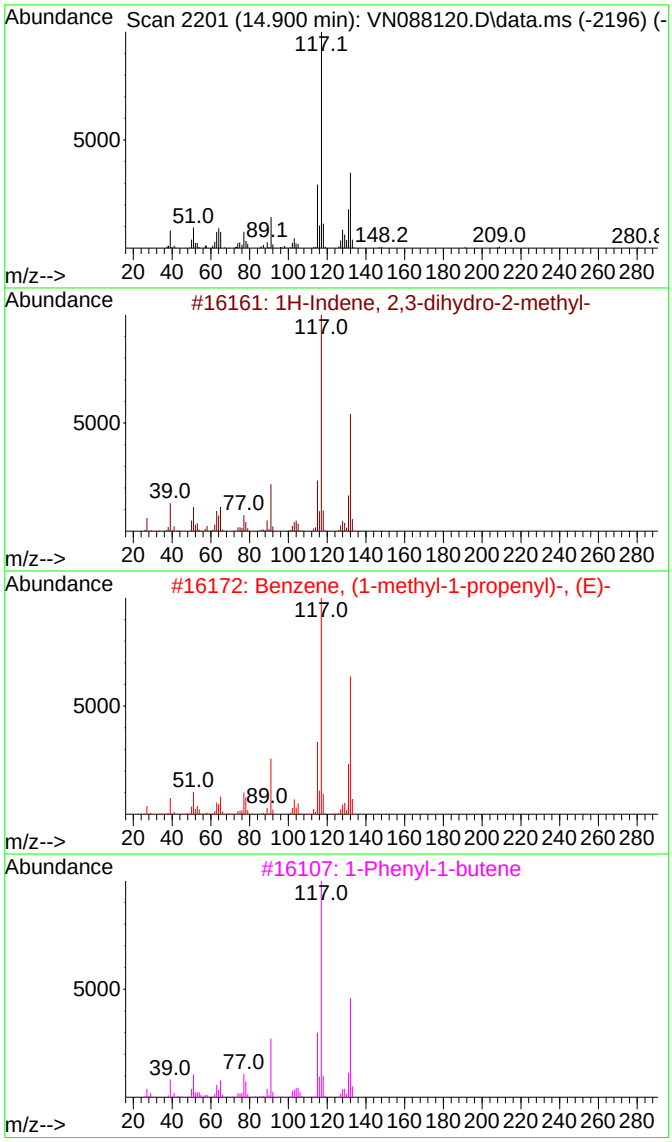
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

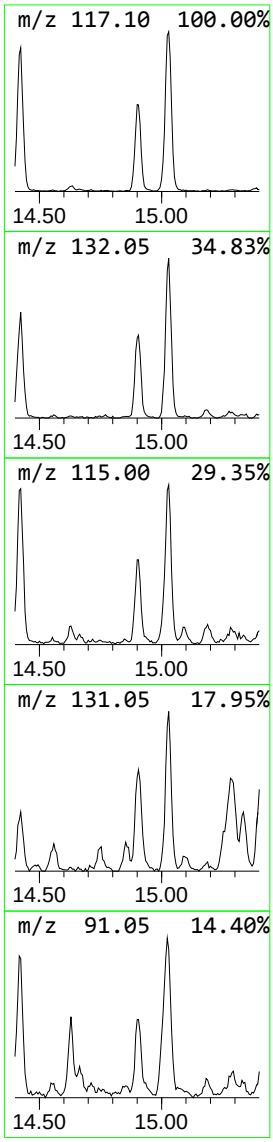
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 1H-Indene, 2,3-dihydro-2-me... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.900 | 9.31 ug/l | 404917 | 1,4-Dichlorobenzene-d4 | 13.770 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2,3-dihydro-2-methyl- | 132 | C10H12 | 000824-63-5 | 91 |
| 2 | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12 | 000768-00-3 | 91 |
| 3 | 1-Phenyl-1-butene | 132 | C10H12 | 000824-90-8 | 91 |
| 4 | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12 | 000824-22-6 | 90 |
| 5 | Indan, 1-methyl- | 132 | C10H12 | 000767-58-8 | 90 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102725\
Data File : VN088120.D
Acq On : 27 Oct 2025 17:19
Operator : JC\MD
Sample : Q3426-04 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW2

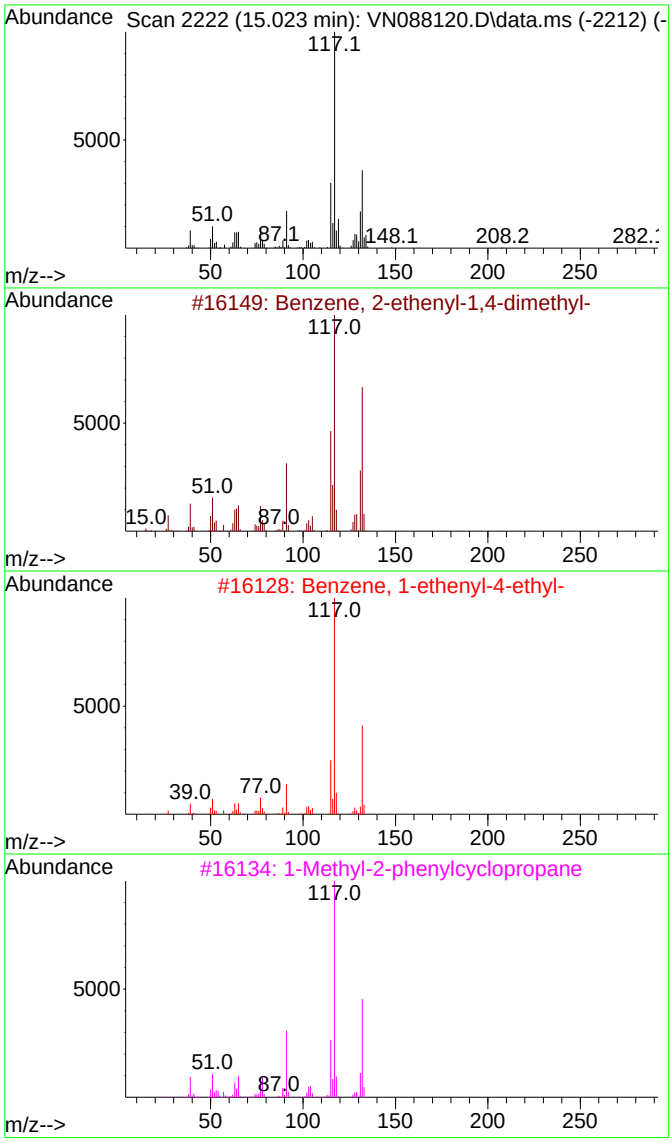
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

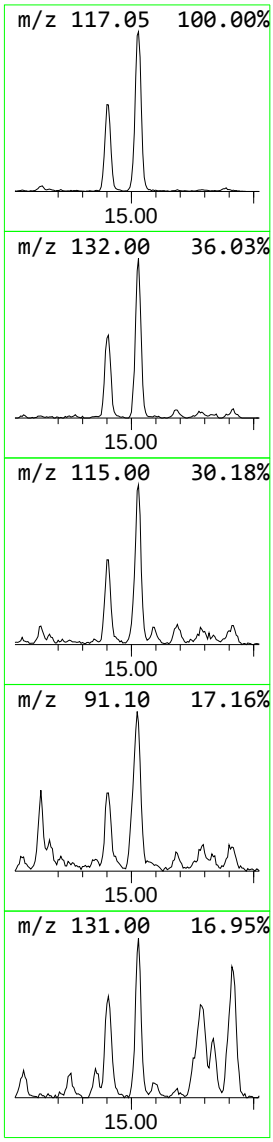
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.023 | 20.42 ug/l | 887797 | 1,4-Dichlorobenzene-d4 | 13.770 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12 | 002039-89-6 | 96 |
| 2 | Benzene, 1-ethenyl-4-ethyl- | 132 | C10H12 | 003454-07-7 | 94 |
| 3 | 1-Methyl-2-phenylcyclopropane | 132 | C10H12 | 003145-76-4 | 87 |
| 4 | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12 | 000768-00-3 | 87 |
| 5 | 1-Phenyl-1-butene | 132 | C10H12 | 000824-90-8 | 83 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102725\
Data File : VN088120.D
Acq On : 27 Oct 2025 17:19
Operator : JC\MD
Sample : Q3426-04 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

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

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Cyclopropane, 1... | 4.148 | 9.0 | ug/l | 469483 | 1 | 8.206 | 2609100 | 50.0 |
| 2-Pentene, 4-me... | 6.641 | 8.9 | ug/l | 464247 | 1 | 8.206 | 2609100 | 50.0 |
| Cyclopentane, m... | 7.312 | 30.8 | ug/l | 1608580 | 1 | 8.206 | 2609100 | 50.0 |
| Cyclopentene, 1... | 7.988 | 12.3 | ug/l | 642278 | 1 | 8.206 | 2609100 | 50.0 |
| Cyclohexene | 8.712 | 15.7 | ug/l | 581769 | 2 | 9.082 | 1858920 | 50.0 |
| Cyclobutane, (1... | 10.082 | 11.3 | ug/l | 420448 | 2 | 9.082 | 1858920 | 50.0 |
| 2,4-Hexadiene, ... | 10.430 | 11.7 | ug/l | 435566 | 2 | 9.082 | 1858920 | 50.0 |
| Benzene, 1-ethy... | 13.312 | 8.0 | ug/l | 348923 | 4 | 13.770 | 2174160 | 50.0 |
| 1,3,5-Cyclohept... | 14.306 | 9.2 | ug/l | 399374 | 4 | 13.770 | 2174160 | 50.0 |
| Benzene, 1-ethe... | 14.423 | 13.2 | ug/l | 573300 | 4 | 13.770 | 2174160 | 50.0 |
| 1H-Indene, 2,3-... | 14.900 | 9.3 | ug/l | 404917 | 4 | 13.770 | 2174160 | 50.0 |
| Benzene, 2-ethe... | 15.023 | 20.4 | ug/l | 887797 | 4 | 13.770 | 2174160 | 50.0 |