LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052022\
Data File : VN072576.D
Acq On : 20 May 2022 14:48
Operator : JC\MD
Sample : N2965-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
30984

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\82N051822W.M
Title : SW846 8260

Signal : TIC: VN072576.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.240 | 37 | 43 | 63 | rVB2 | 20962 | 74675 | 3.21% | 0.201% |
| 2 | 3.687 | 281 | 289 | 300 | rBV2 | 8966 | 23623 | 1.01% | 0.063% |
| 3 | 4.293 | 384 | 392 | 400 | rBV2 | 9486 | 27927 | 1.20% | 0.075% |
| 4 | 8.022 | 1014 | 1026 | 1031 | rBV | 242507 | 601055 | 25.82% | 1.615% |
| 5 | 8.080 | 1031 | 1036 | 1048 | rVB | 428216 | 963454 | 41.39% | 2.588% |
| 6 | 8.433 | 1087 | 1096 | 1112 | rBV | 278980 | 646814 | 27.79% | 1.738% |
| 7 | 8.963 | 1177 | 1186 | 1201 | rBV | 559162 | 1152006 | 49.49% | 3.095% |
| 8 | 9.463 | 1264 | 1271 | 1276 | rVB4 | 10964 | 23414 | 1.01% | 0.063% |
| 9 | 10.439 | 1429 | 1437 | 1443 | rBV | 957980 | 1745663 | 74.99% | 4.690% |
| 10 | 10.498 | 1443 | 1447 | 1455 | rVB | 198204 | 373231 | 16.03% | 1.003% |
| 11 | 11.739 | 1650 | 1658 | 1669 | rBV | 735633 | 1299419 | 55.82% | 3.491% |
| 12 | 11.839 | 1669 | 1675 | 1685 | rVB | 108286 | 187108 | 8.04% | 0.503% |
| 13 | 11.945 | 1685 | 1693 | 1705 | rBV | 512893 | 952520 | 40.92% | 2.559% |
| 14 | 12.274 | 1739 | 1749 | 1763 | rBV | 502588 | 849335 | 36.49% | 2.282% |
| 15 | 12.574 | 1795 | 1800 | 1806 | rVB | 53477 | 78067 | 3.35% | 0.210% |
| 16 | 12.727 | 1819 | 1826 | 1835 | rBV | 685308 | 1153892 | 49.57% | 3.100% |
| 17 | 12.915 | 1850 | 1858 | 1863 | rBV2 | 89313 | 150696 | 6.47% | 0.405% |
| 18 | 12.980 | 1863 | 1869 | 1872 | rVV | 731961 | 1227050 | 52.71% | 3.297% |
| 19 | 13.010 | 1872 | 1874 | 1878 | rVV | 302328 | 426839 | 18.34% | 1.147% |
| 20 | 13.057 | 1878 | 1882 | 1890 | rVB | 461309 | 729593 | 31.34% | 1.960% |
| 21 | 13.215 | 1901 | 1909 | 1917 | rBV | 550699 | 895785 | 38.48% | 2.407% |
| 22 | 13.292 | 1917 | 1922 | 1927 | rVV | 19165 | 34994 | 1.50% | 0.094% |
| 23 | 13.363 | 1927 | 1934 | 1947 | rVV | 1348471 | 2201607 | 94.58% | 5.915% |
| 24 | 13.498 | 1950 | 1957 | 1961 | rVV2 | 65133 | 124793 | 5.36% | 0.335% |
| 25 | 13.557 | 1961 | 1967 | 1972 | rVV | 137548 | 219721 | 9.44% | 0.590% |
| 26 | 13.610 | 1972 | 1976 | 1980 | rVV | 58862 | 91060 | 3.91% | 0.245% |
| 27 | 13.668 | 1980 | 1986 | 1989 | rVV | 717373 | 1323898 | 56.87% | 3.557% |
| 28 | 13.698 | 1989 | 1991 | 1999 | rVV | 773503 | 1100176 | 47.26% | 2.956% |
| 29 | 13.768 | 1999 | 2003 | 2007 | rVV2 | 26982 | 45524 | 1.96% | 0.122% |
| 30 | 13.833 | 2008 | 2014 | 2015 | rVV | 141764 | 183752 | 7.89% | 0.494% |
| 31 | 13.868 | 2015 | 2020 | 2023 | rVV2 | 708383 | 1279391 | 54.96% | 3.437% |
| 32 | 13.904 | 2024 | 2026 | 2037 | rVV2 | 444415 | 701790 | 30.15% | 1.885% |
| 33 | 13.998 | 2037 | 2042 | 2047 | rVV2 | 81450 | 133878 | 5.75% | 0.360% |
| 34 | 14.062 | 2047 | 2053 | 2058 | rVV | 200841 | 322341 | 13.85% | 0.866% |
| 35 | 14.127 | 2058 | 2064 | 2066 | rVV | 274055 | 462468 | 19.87% | 1.242% |
| 36 | 14.157 | 2066 | 2069 | 2073 | rVV | 271015 | 398550 | 17.12% | 1.071% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052022\
Data File : VN072576.D
Acq On : 20 May 2022 14:48
Operator : JC\MD
Sample : N2965-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
30984

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\82N051822W.M
Title : SW846 8260

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 14.210 | 2073 | 2078 | 2084 | rVV | 388139 | 614432 | 26.40% | 1.651% |
| 38 | 14.274 | 2084 | 2089 | 2092 | rVV | 139891 | 240534 | 10.33% | 0.646% |
| 39 | 14.321 | 2092 | 2097 | 2103 | rVV2 | 555612 | 957767 | 41.14% | 2.573% |
| 40 | 14.398 | 2107 | 2110 | 2114 | rVV3 | 33174 | 52583 | 2.26% | 0.141% |
| 41 | 14.457 | 2114 | 2120 | 2125 | rVV2 | 185243 | 311747 | 13.39% | 0.838% |
| 42 | 14.533 | 2125 | 2133 | 2136 | rVV | 235751 | 416410 | 17.89% | 1.119% |
| 43 | 14.574 | 2136 | 2140 | 2144 | rVV | 415271 | 655598 | 28.16% | 1.761% |
| 44 | 14.615 | 2144 | 2147 | 2151 | rVV2 | 101378 | 164629 | 7.07% | 0.442% |
| 45 | 14.651 | 2151 | 2153 | 2158 | rVV2 | 66021 | 109498 | 4.70% | 0.294% |
| 46 | 14.757 | 2162 | 2171 | 2174 | rVV4 | 92814 | 188947 | 8.12% | 0.508% |
| 47 | 14.804 | 2174 | 2179 | 2184 | rVV | 487188 | 840193 | 36.09% | 2.257% |
| 48 | 14.845 | 2184 | 2186 | 2191 | rVV | 106919 | 147054 | 6.32% | 0.395% |
| 49 | 14.927 | 2191 | 2200 | 2206 | rVV3 | 1123331 | 2327816 | 100.00% | 6.254% |
| 50 | 14.986 | 2206 | 2210 | 2219 | rVV2 | 60753 | 149063 | 6.40% | 0.400% |
| 51 | 15.080 | 2219 | 2226 | 2233 | rVV | 973479 | 1691311 | 72.66% | 4.544% |
| 52 | 15.186 | 2233 | 2244 | 2248 | rVV2 | 241654 | 653388 | 28.07% | 1.755% |
| 53 | 15.227 | 2248 | 2251 | 2256 | rVV | 179004 | 334480 | 14.37% | 0.899% |
| 54 | 15.309 | 2257 | 2265 | 2275 | rVV3 | 284482 | 713156 | 30.64% | 1.916% |
| 55 | 15.456 | 2284 | 2290 | 2293 | rVV4 | 28371 | 65292 | 2.80% | 0.175% |
| 56 | 15.498 | 2293 | 2297 | 2301 | rVV | 41930 | 76064 | 3.27% | 0.204% |
| 57 | 15.556 | 2301 | 2307 | 2312 | rVV2 | 206676 | 386922 | 16.62% | 1.039% |
| 58 | 15.633 | 2312 | 2320 | 2340 | rVB3 | 198887 | 771220 | 33.13% | 2.072% |
| 59 | 15.798 | 2340 | 2348 | 2356 | rBV | 173679 | 349750 | 15.02% | 0.940% |
| 60 | 15.974 | 2366 | 2378 | 2379 | rVV4 | 148590 | 258934 | 11.12% | 0.696% |
| 61 | 16.009 | 2379 | 2384 | 2394 | rVV | 453426 | 975742 | 41.92% | 2.621% |
| 62 | 16.104 | 2395 | 2400 | 2406 | rVV6 | 37953 | 87491 | 3.76% | 0.235% |
| 63 | 16.186 | 2406 | 2414 | 2428 | rVB3 | 111880 | 324380 | 13.93% | 0.871% |
| 64 | 16.339 | 2430 | 2440 | 2449 | rBV | 310211 | 679548 | 29.19% | 1.826% |
| 65 | 16.545 | 2463 | 2475 | 2481 | rBV4 | 100809 | 263709 | 11.33% | 0.708% |
| 66 | 16.615 | 2481 | 2487 | 2499 | rVB6 | 69144 | 209007 | 8.98% | 0.562% |

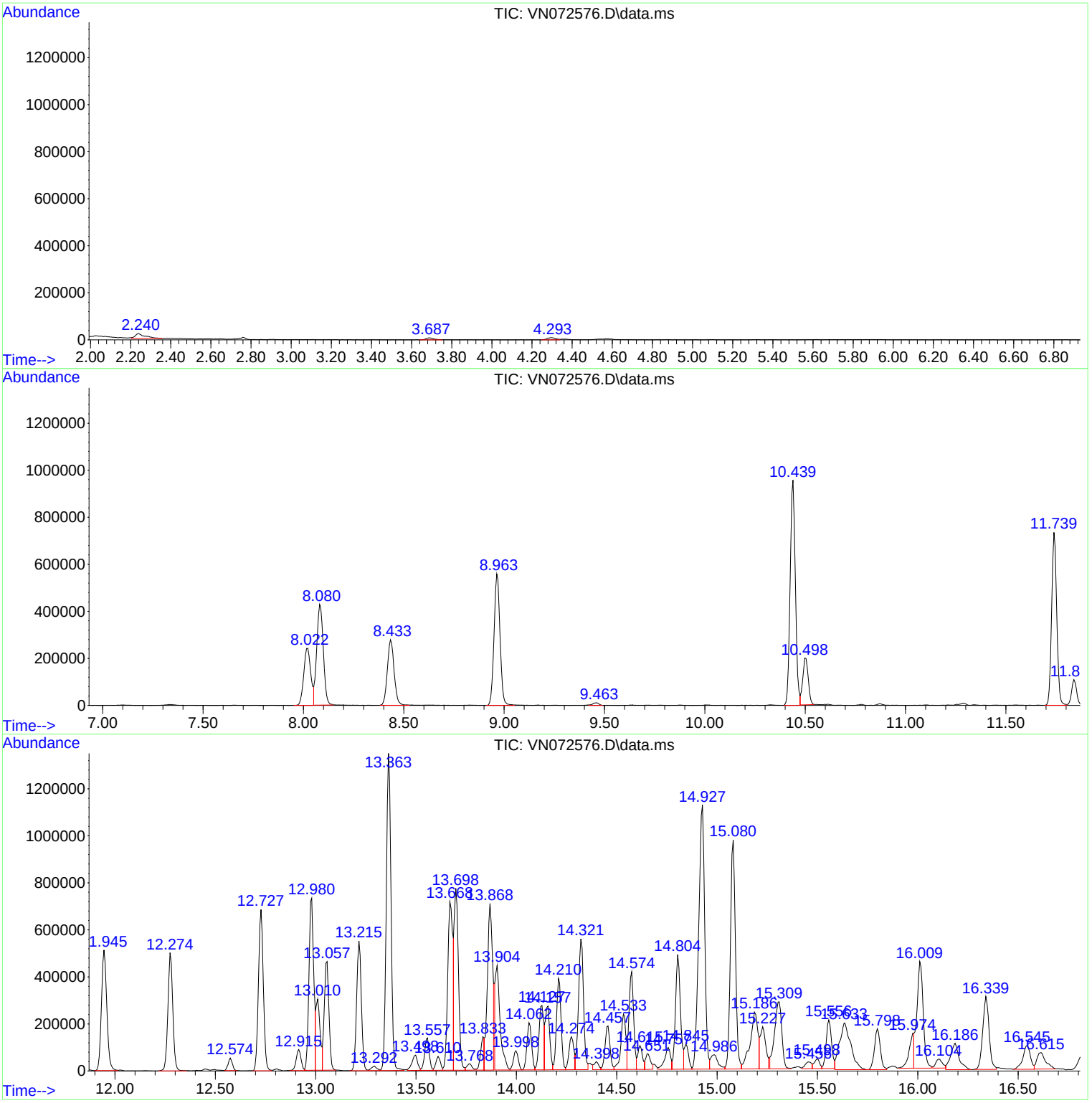
Sum of corrected areas: 37222774

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052022\
Data File : VN072576.D
Acq On : 20 May 2022 14:48
Operator : JC\MD
Sample : N2965-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
30984

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052022\
Data File : VN072576.D
Acq On : 20 May 2022 14:48
Operator : JC\MD
Sample : N2965-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
30984

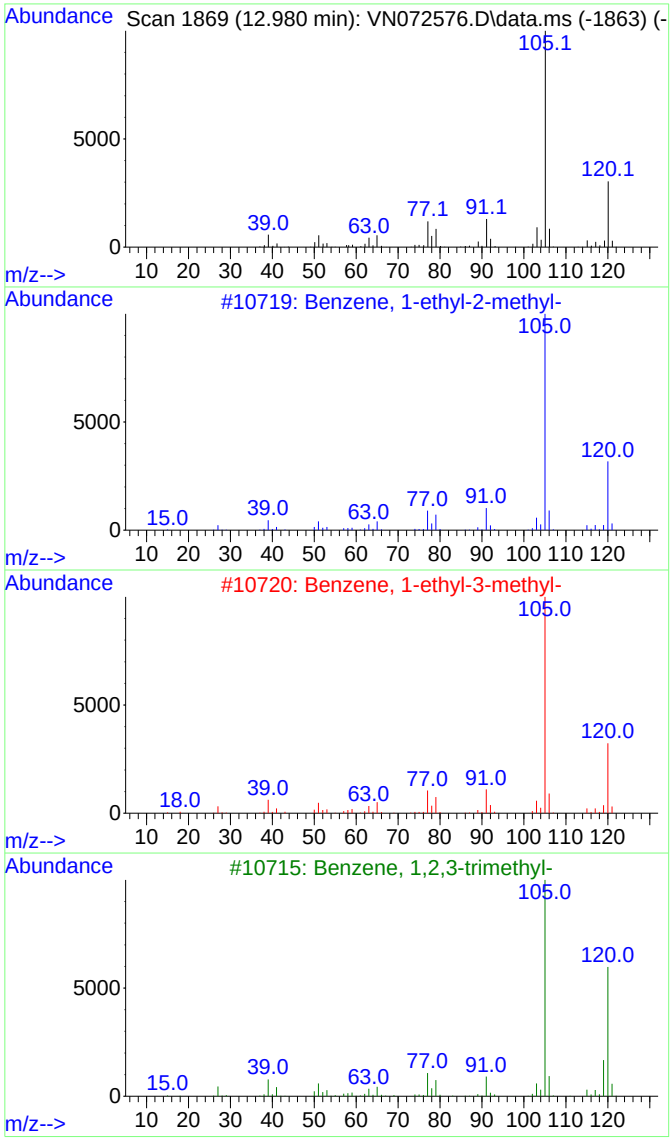
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
Quant Title : SW846 8260

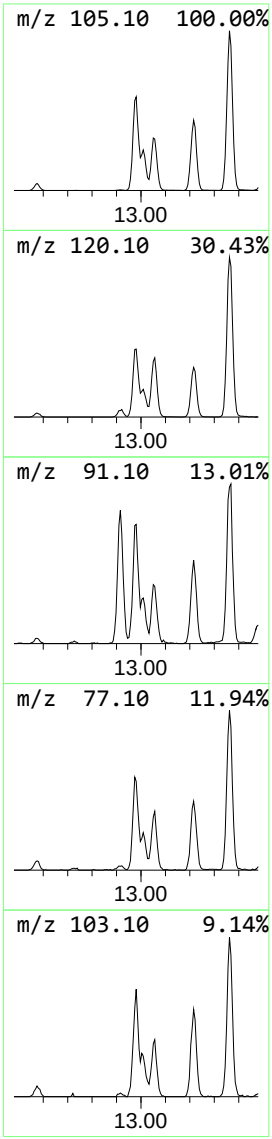
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.980 | 46.34 ug/l | 1227050 | 1,4-Dichlorobenzene-d4 | 13.668 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 95 |
| 2 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 95 |
| 3 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 91 |
| 4 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 91 |
| 5 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052022\
Data File : VN072576.D
Acq On : 20 May 2022 14:48
Operator : JC\MD
Sample : N2965-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
30984

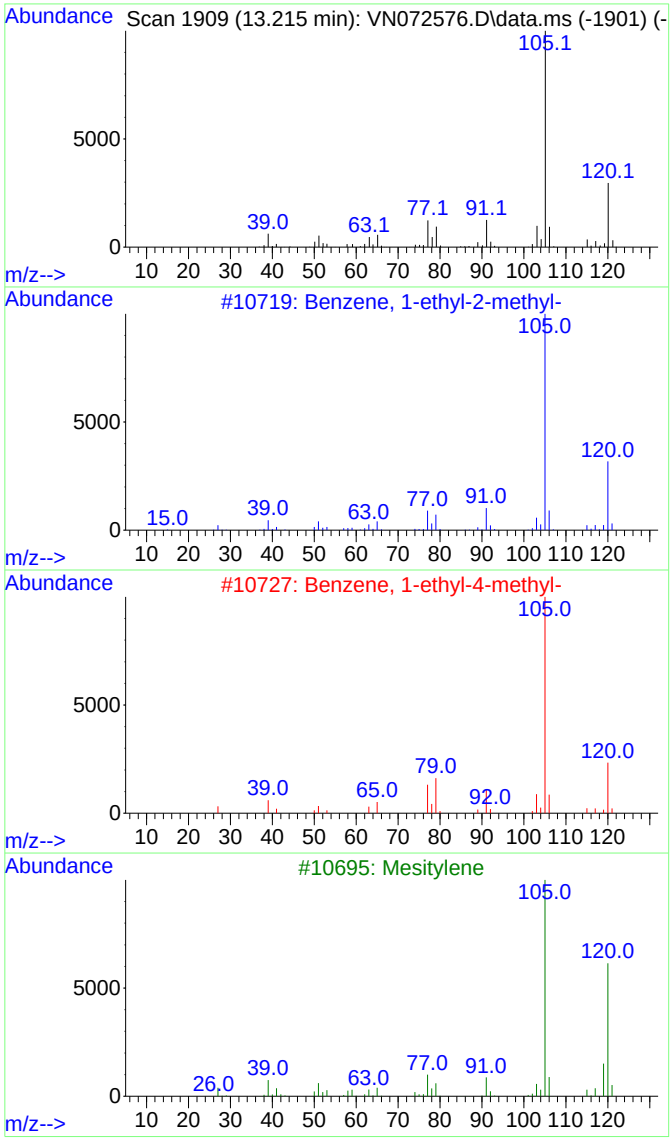
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
Quant Title : SW846 8260

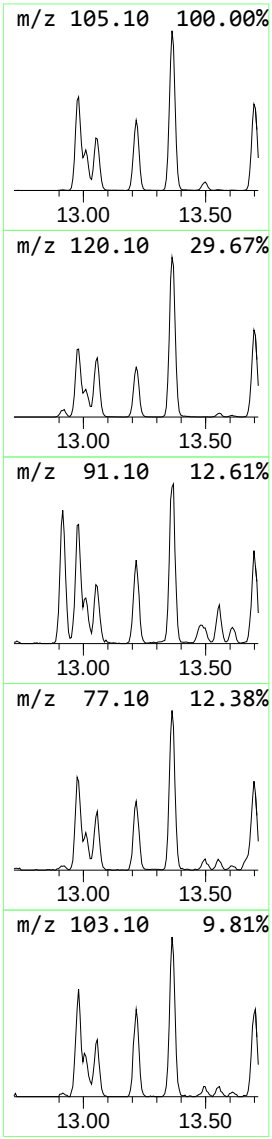
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Benzene, 1-ethyl-4-methyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.216 | 33.83 ug/l | 895785 | 1,4-Dichlorobenzene-d4 | 13.668 |

| 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 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |
| 4 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 91 |
| 5 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052022\
Data File : VN072576.D
Acq On : 20 May 2022 14:48
Operator : JC\MD
Sample : N2965-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
30984

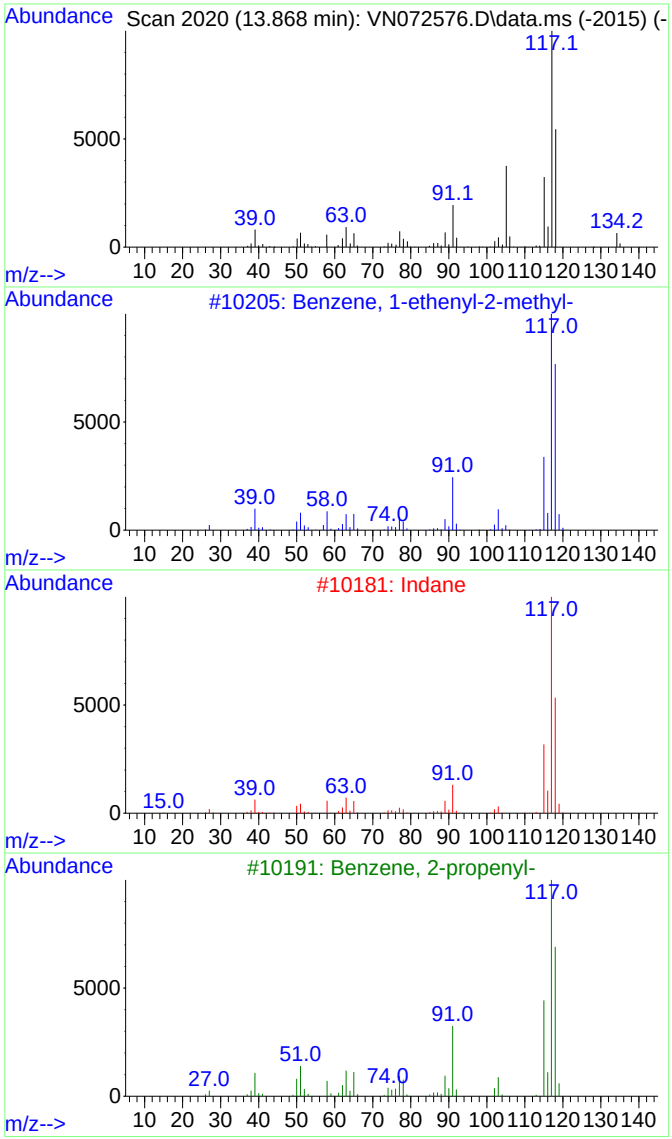
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
Quant Title : SW846 8260

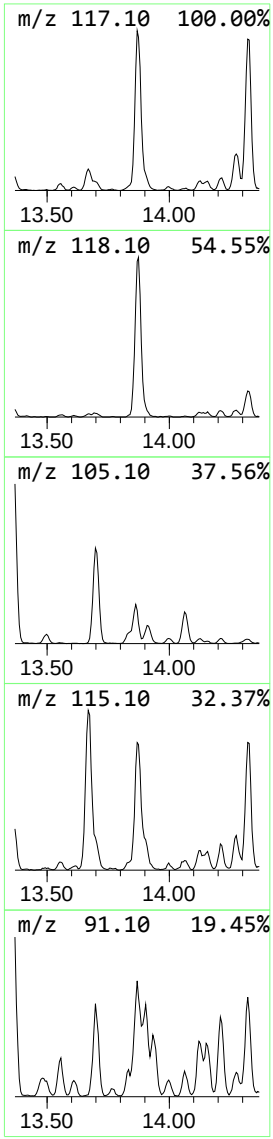
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Benzene, 1-ethenyl-2-methyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.868 | 48.32 ug/l | 1279390 | 1,4-Dichlorobenzene-d4 | 13.668 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethenyl-2-methyl- | 118 | C9H10 | 000611-15-4 | 70 |
| 2 | Indane | 118 | C9H10 | 000496-11-7 | 70 |
| 3 | Benzene, 2-propenyl- | 118 | C9H10 | 000300-57-2 | 62 |
| 4 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 58 |
| 5 | Tetracyclo[3.3.1.0(2,8).0(4,6)]-... | 118 | C9H10 | 1000191-13-7 | 58 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052022\
Data File : VN072576.D
Acq On : 20 May 2022 14:48
Operator : JC\MD
Sample : N2965-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
30984

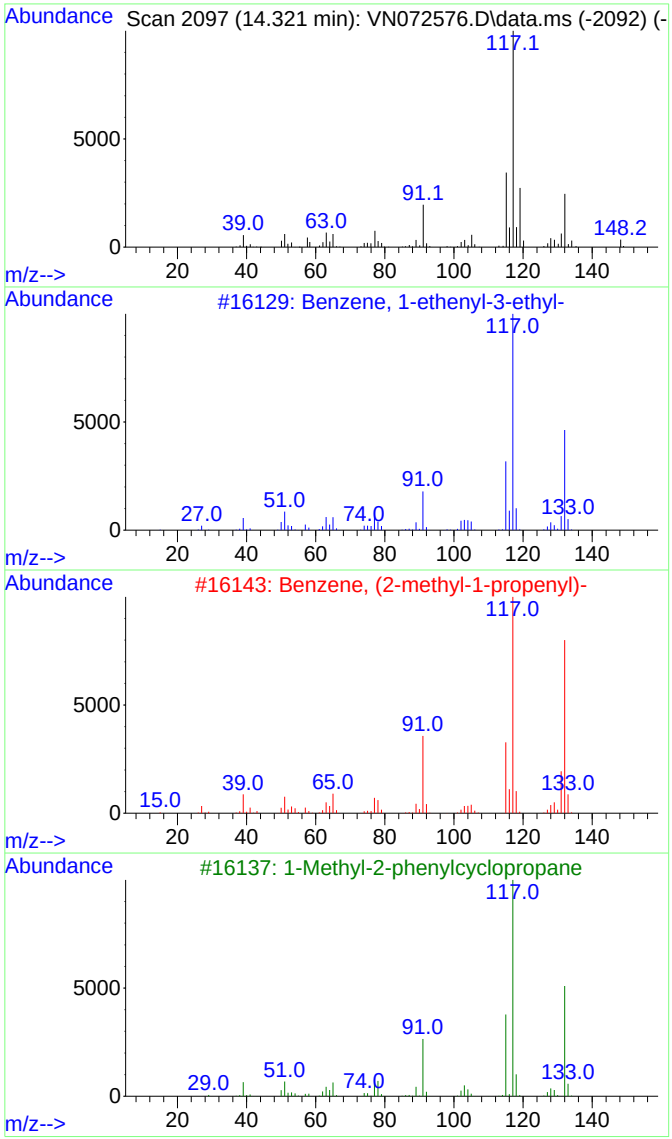
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
Quant Title : SW846 8260

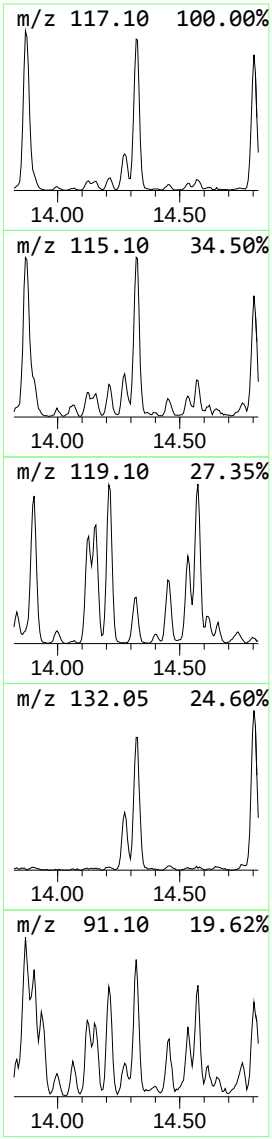
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.321 | 36.17 ug/l | 957767 | 1,4-Dichlorobenzene-d4 | 13.668 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethenyl-3-ethyl- | 132 | C10H12 | 007525-62-4 | 72 |
| 2 | Benzene, (2-methyl-1-propenyl)- | 132 | C10H12 | 000768-49-0 | 72 |
| 3 | 1-Methyl-2-phenylcyclopropane | 132 | C10H12 | 003145-76-4 | 70 |
| 4 | Indan, 1-methyl- | 132 | C10H12 | 000767-58-8 | 68 |
| 5 | Benzene, (2-methyl-2-propenyl)- | 132 | C10H12 | 003290-53-7 | 64 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052022\
Data File : VN072576.D
Acq On : 20 May 2022 14:48
Operator : JC\MD
Sample : N2965-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
30984

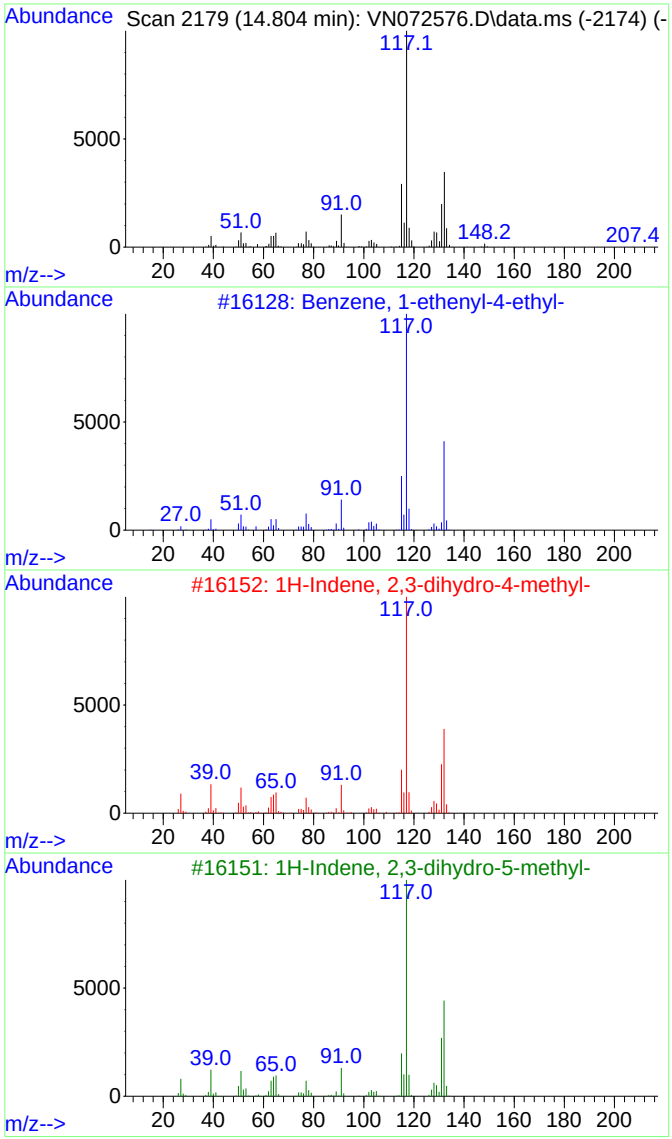
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
Quant Title : SW846 8260

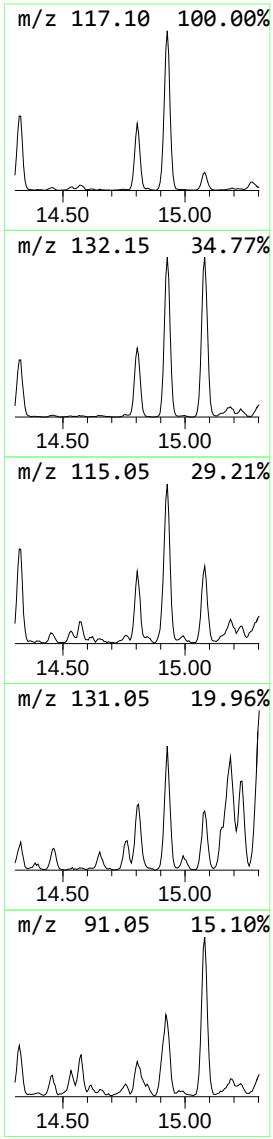
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.804 | 31.73 ug/l | 840193 | 1,4-Dichlorobenzene-d4 | 13.668 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethenyl-4-ethyl- | 132 | C10H12 | 003454-07-7 | 93 |
| 2 | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12 | 000824-22-6 | 90 |
| 3 | 1H-Indene, 2,3-dihydro-5-methyl- | 132 | C10H12 | 000874-35-1 | 90 |
| 4 | 3-Phenylbut-1-ene | 132 | C10H12 | 000934-10-1 | 83 |
| 5 | 1-Methyl-2-phenylcyclopropane | 132 | C10H12 | 003145-76-4 | 76 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052022\
Data File : VN072576.D
Acq On : 20 May 2022 14:48
Operator : JC\MD
Sample : N2965-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
30984

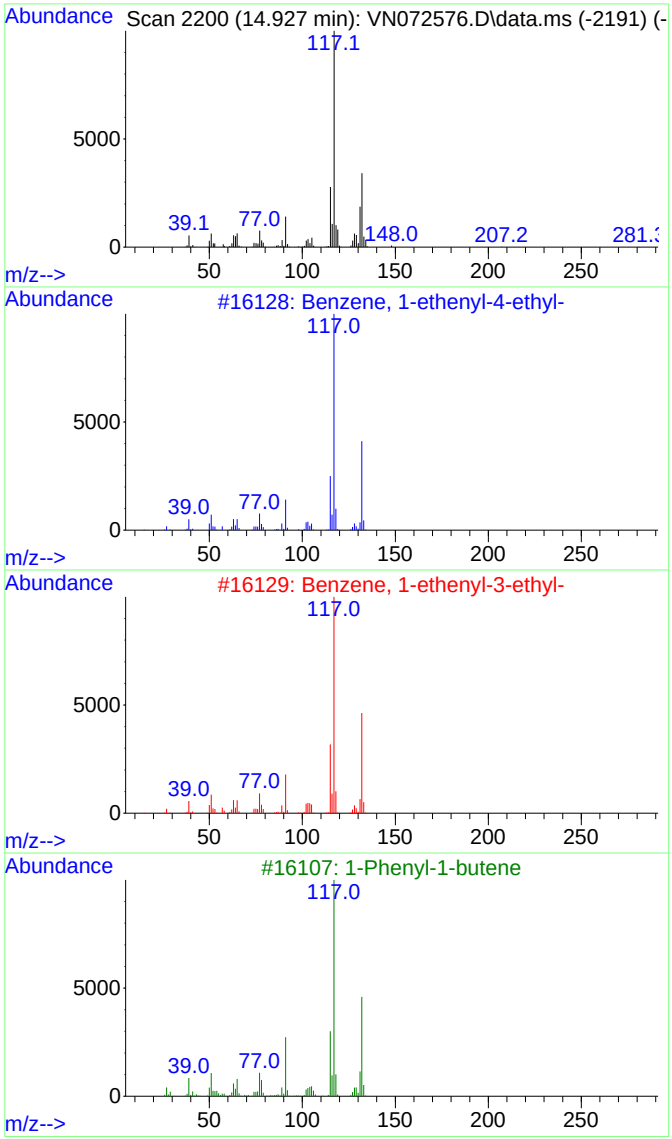
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
Quant Title : SW846 8260

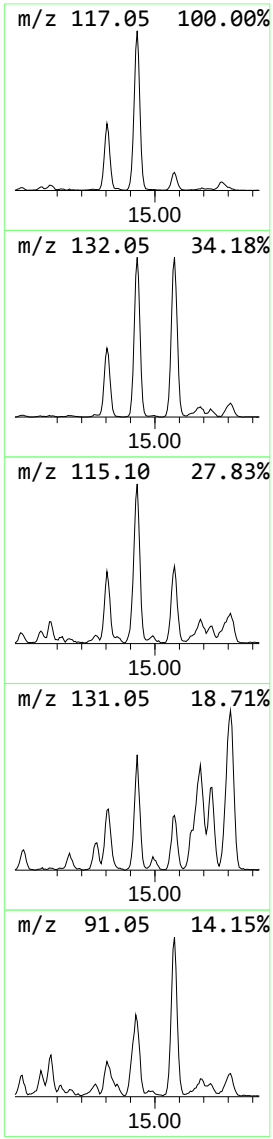
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 1-Phenyl-1-butene Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.927 | 87.92 ug/l | 2327820 | 1,4-Dichlorobenzene-d4 | 13.668 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethenyl-4-ethyl- | 132 | C10H12 | 003454-07-7 | 94 |
| 2 | Benzene, 1-ethenyl-3-ethyl- | 132 | C10H12 | 007525-62-4 | 93 |
| 3 | 1-Phenyl-1-butene | 132 | C10H12 | 000824-90-8 | 93 |
| 4 | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12 | 002039-89-6 | 92 |
| 5 | 3-Phenylbut-1-ene | 132 | C10H12 | 000934-10-1 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052022\
Data File : VN072576.D
Acq On : 20 May 2022 14:48
Operator : JC\MD
Sample : N2965-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
30984

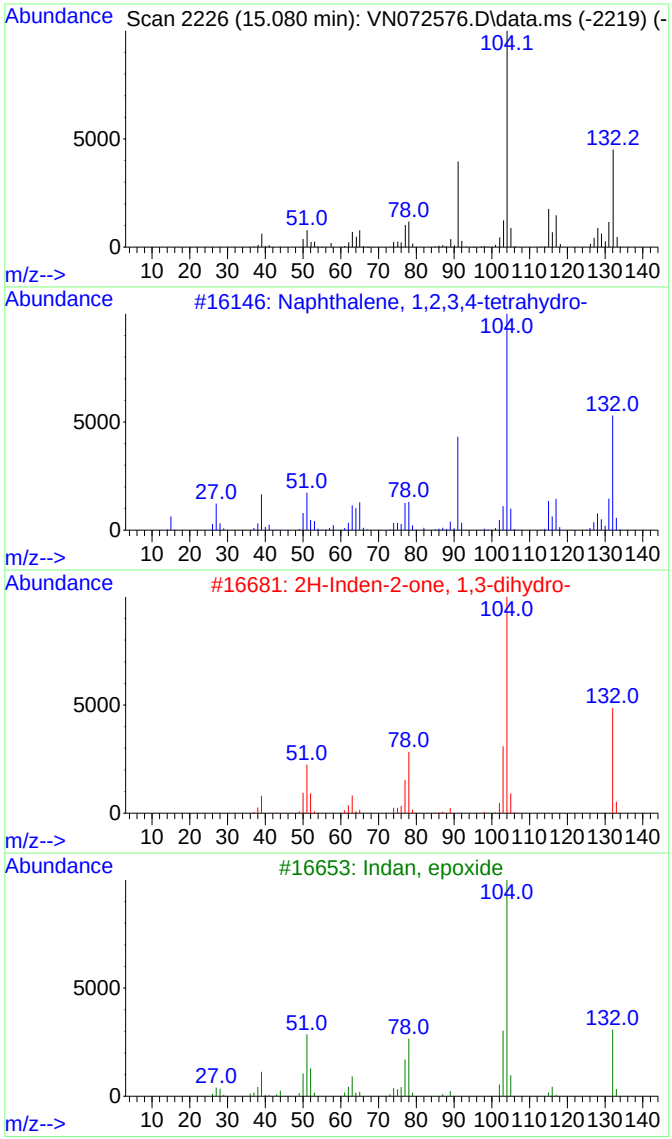
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
Quant Title : SW846 8260

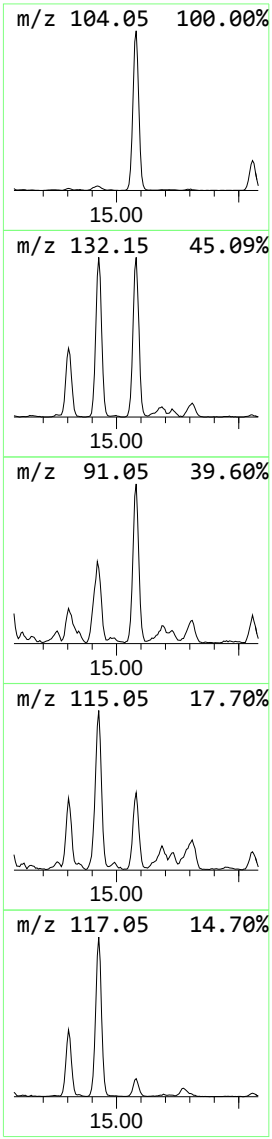
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.080 | 63.88 ug/l | 1691310 | 1,4-Dichlorobenzene-d4 | 13.668 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetrahydro- | 132 | C10H12 | 000119-64-2 | 96 |
| 2 | 2H-Inden-2-one, 1,3-dihydro- | 132 | C9H8O | 000615-13-4 | 58 |
| 3 | Indan, epoxide | 132 | C9H8O | 000768-22-9 | 58 |
| 4 | 2-Methylbenzyl cyanide | 131 | C9H9N | 022364-68-7 | 46 |
| 5 | Benzene, cyclobutyl- | 132 | C10H12 | 004392-30-7 | 45 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052022\
Data File : VN072576.D
Acq On : 20 May 2022 14:48
Operator : JC\MD
Sample : N2965-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
30984

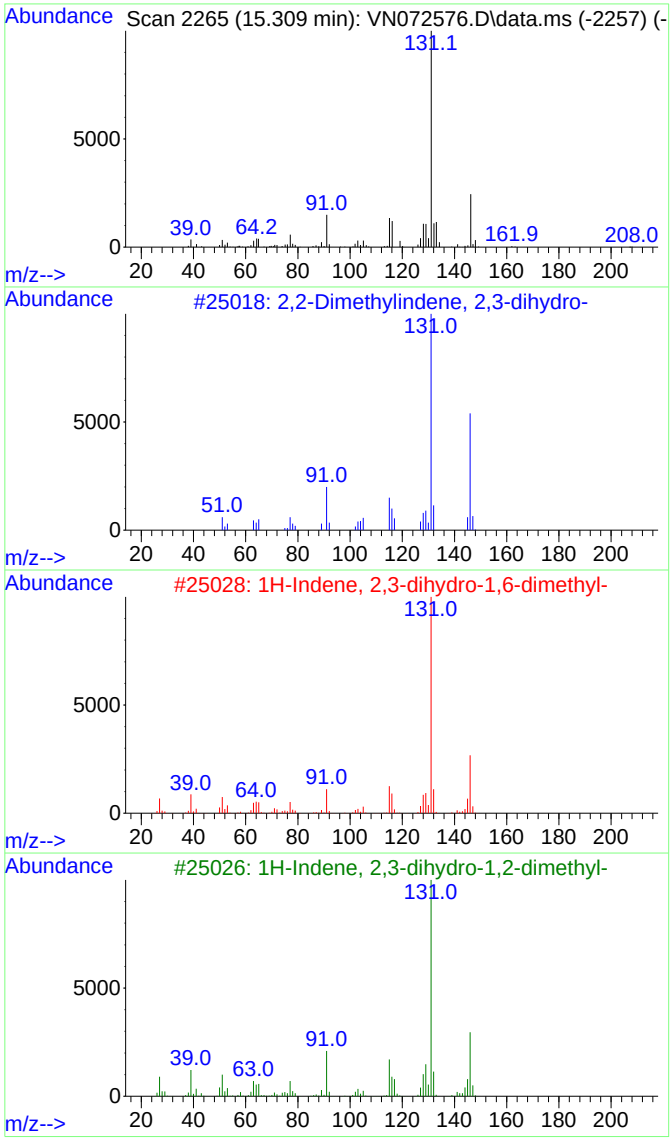
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
Quant Title : SW846 8260

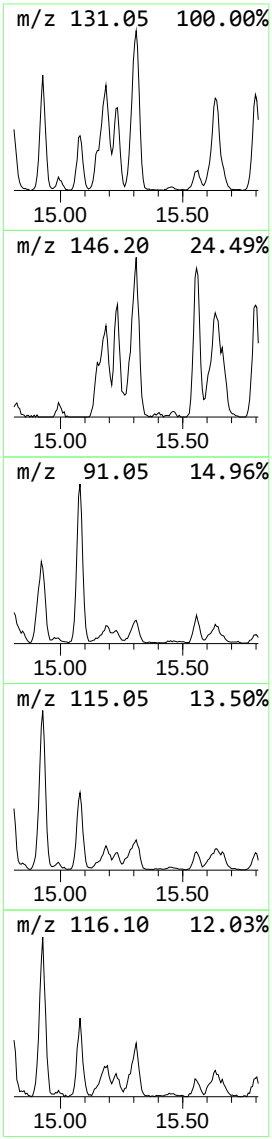
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 2,2-Dimethylindene, 2,3-dih... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.309 | 26.93 ug/l | 713156 | 1,4-Dichlorobenzene-d4 | 13.668 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,2-Dimethylindene, 2,3-dihydro- | 146 | C11H14 | 020836-11-7 | 91 |
| 2 | 1H-Indene, 2,3-dihydro-1,6-dimet... | 146 | C11H14 | 017059-48-2 | 91 |
| 3 | 1H-Indene, 2,3-dihydro-1,2-dimet... | 146 | C11H14 | 017057-82-8 | 91 |
| 4 | 1H-Indene, 2,3-dihydro-1,3-dimet... | 146 | C11H14 | 004175-53-5 | 91 |
| 5 | Benzene, 1-methyl-4-(1-methyl-2-... | 146 | C11H14 | 097664-18-1 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052022\
Data File : VN072576.D
Acq On : 20 May 2022 14:48
Operator : JC\MD
Sample : N2965-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
30984

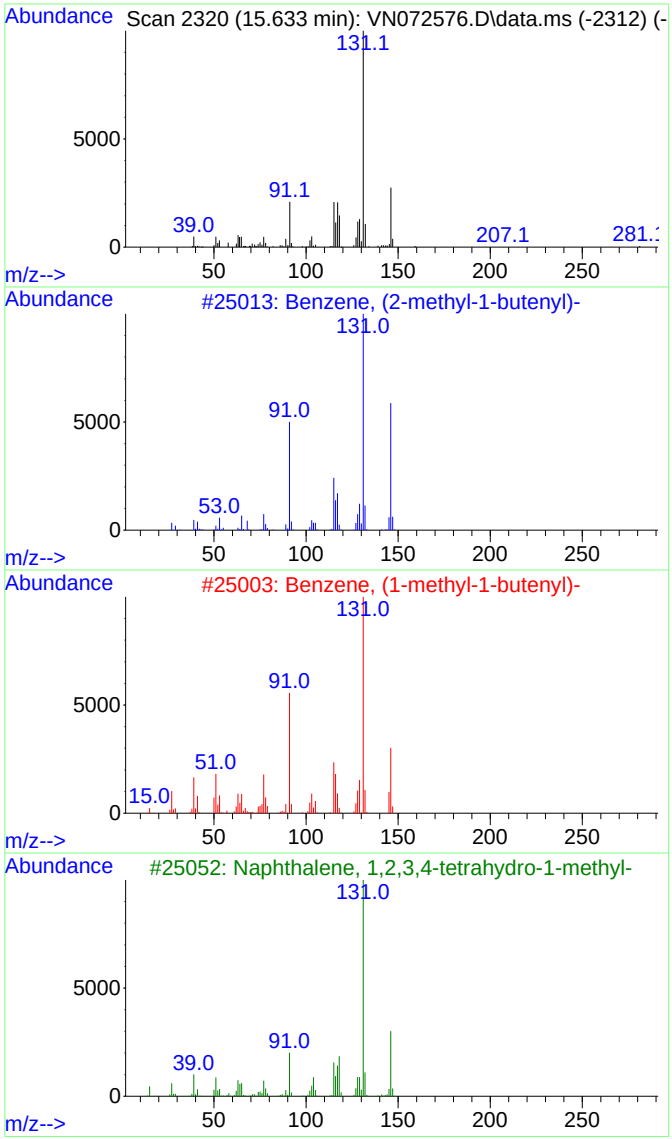
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
Quant Title : SW846 8260

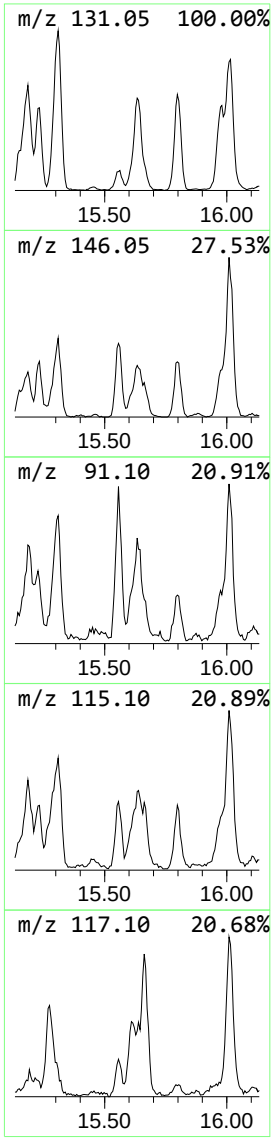
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Benzene, (2-methyl-1-butenyl)- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.633 | 29.13 ug/l | 771220 | 1,4-Dichlorobenzene-d4 | 13.668 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (2-methyl-1-butenyl)- | 146 | C11H14 | 056253-64-6 | 97 |
| 2 | Benzene, (1-methyl-1-butenyl)- | 146 | C11H14 | 053172-84-2 | 91 |
| 3 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 001559-81-5 | 90 |
| 4 | 1H-Indene, 2,3-dihydro-1,6-dimet... | 146 | C11H14 | 017059-48-2 | 87 |
| 5 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 87 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052022\
Data File : VN072576.D
Acq On : 20 May 2022 14:48
Operator : JC\MD
Sample : N2965-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
30984

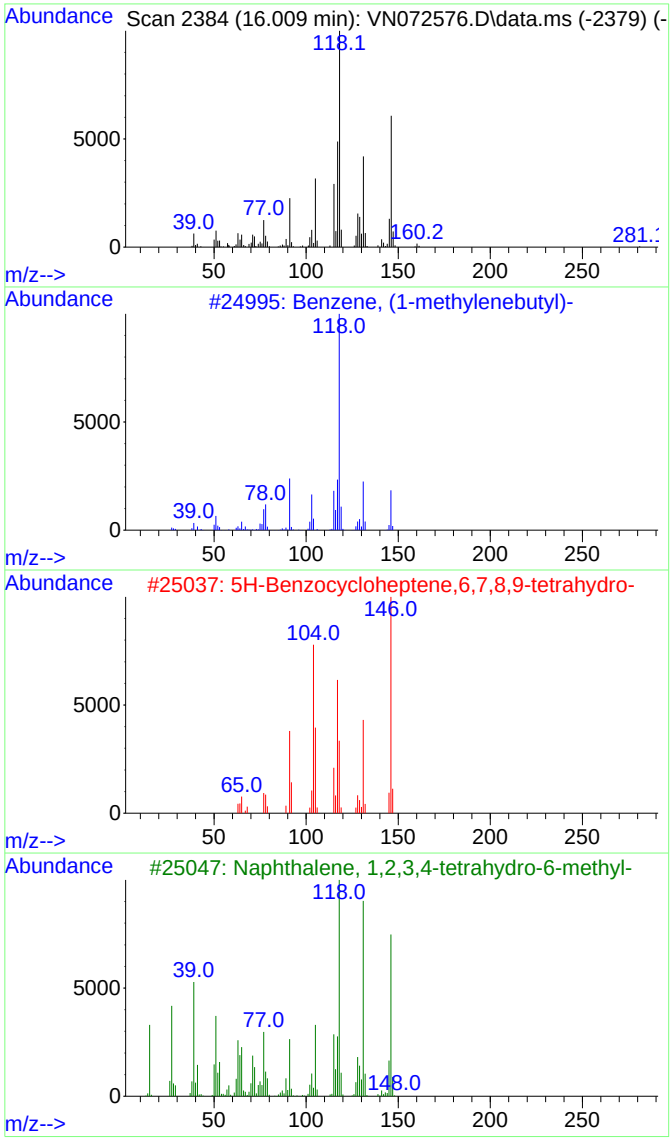
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
Quant Title : SW846 8260

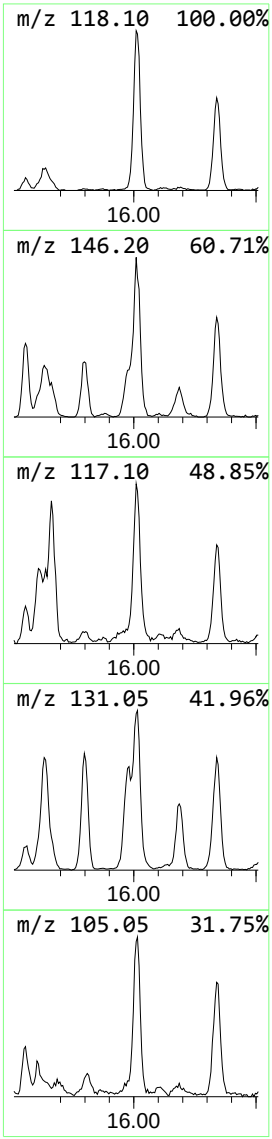
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Benzene, (1-methylenebutyl)- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.009 | 36.85 ug/l | 975742 | 1,4-Dichlorobenzene-d4 | 13.668 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (1-methylenebutyl)- | 146 | C11H14 | 005676-32-4 | 64 |
| 2 | 5H-Benzocycloheptene,6,7,8,9-tet... | 146 | C11H14 | 001075-16-7 | 50 |
| 3 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 001680-51-9 | 47 |
| 4 | Naphth[1,2-b]oxirene, 1a,2,3,7b-... | 146 | C10H10O | 002461-34-9 | 43 |
| 5 | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16 | 007524-63-2 | 38 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052022\
Data File : VN072576.D
Acq On : 20 May 2022 14:48
Operator : JC\MD
Sample : N2965-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
30984

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.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 |
| Benzene, 1-ethy... | 12.980 | 46.3 | ug/l | 1227050 | 4 | 13.668 | 1323900 | 50.0 |
| Benzene, 1-ethy... | 13.216 | 33.8 | ug/l | 895785 | 4 | 13.668 | 1323900 | 50.0 |
| Benzene, 1-ethe... | 13.868 | 48.3 | ug/l | 1279390 | 4 | 13.668 | 1323900 | 50.0 |
| Benzene, 1-ethe... | 14.321 | 36.2 | ug/l | 957767 | 4 | 13.668 | 1323900 | 50.0 |
| Benzene, 1-ethe... | 14.804 | 31.7 | ug/l | 840193 | 4 | 13.668 | 1323900 | 50.0 |
| 1-Phenyl-1-butene | 14.927 | 87.9 | ug/l | 2327820 | 4 | 13.668 | 1323900 | 50.0 |
| Naphthalene, 1,... | 15.080 | 63.9 | ug/l | 1691310 | 4 | 13.668 | 1323900 | 50.0 |
| 2,2-Dimethylind... | 15.309 | 26.9 | ug/l | 713156 | 4 | 13.668 | 1323900 | 50.0 |
| Benzene, (2-met... | 15.633 | 29.1 | ug/l | 771220 | 4 | 13.668 | 1323900 | 50.0 |
| Benzene, (1-met... | 16.009 | 36.9 | ug/l | 975742 | 4 | 13.668 | 1323900 | 50.0 |