LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050922\
Data File : VN072383.D
Acq On : 09 May 2022 18:10
Operator : JC\MD
Sample : N2754-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
A748

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\82N042622W.M
Title : SW846 8260

Signal : TIC: VN072383.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 | 49 | rBV2 | 27329 | 54881 | 3.00% | 0.368% |
| 2 | 3.128 | 188 | 194 | 202 | rVB3 | 11668 | 25557 | 1.40% | 0.171% |
| 3 | 3.687 | 281 | 289 | 302 | rBV3 | 10857 | 28356 | 1.55% | 0.190% |
| 4 | 4.293 | 379 | 392 | 408 | rBV2 | 18926 | 64446 | 3.52% | 0.432% |
| 5 | 5.087 | 514 | 527 | 528 | rBV3 | 12893 | 31077 | 1.70% | 0.208% |
| 6 | 5.151 | 530 | 538 | 549 | rVB3 | 24537 | 84613 | 4.62% | 0.567% |
| 7 | 5.628 | 606 | 619 | 629 | rBV4 | 18146 | 65451 | 3.57% | 0.438% |
| 8 | 6.122 | 694 | 703 | 714 | rVB6 | 7122 | 21112 | 1.15% | 0.141% |
| 9 | 7.145 | 868 | 877 | 884 | rVV3 | 19669 | 54699 | 2.99% | 0.366% |
| 10 | 8.016 | 1015 | 1025 | 1030 | rBV | 206260 | 495407 | 27.05% | 3.319% |
| 11 | 8.081 | 1030 | 1036 | 1047 | rVV | 389948 | 945587 | 51.62% | 6.334% |
| 12 | 8.169 | 1047 | 1051 | 1061 | rVB6 | 17190 | 42489 | 2.32% | 0.285% |
| 13 | 8.292 | 1061 | 1072 | 1079 | rBV2 | 26362 | 57512 | 3.14% | 0.385% |
| 14 | 8.434 | 1087 | 1096 | 1107 | rBV | 224142 | 514407 | 28.08% | 3.446% |
| 15 | 8.563 | 1107 | 1118 | 1124 | rBV5 | 17317 | 50341 | 2.75% | 0.337% |
| 16 | 8.704 | 1136 | 1142 | 1150 | rVB4 | 18410 | 45964 | 2.51% | 0.308% |
| 17 | 8.822 | 1153 | 1162 | 1171 | rVB5 | 13374 | 36289 | 1.98% | 0.243% |
| 18 | 8.963 | 1177 | 1186 | 1201 | rBV | 610008 | 1285427 | 70.18% | 8.611% |
| 19 | 9.239 | 1229 | 1233 | 1246 | rVB6 | 11739 | 27440 | 1.50% | 0.184% |
| 20 | 9.457 | 1255 | 1270 | 1278 | rBV2 | 82188 | 231089 | 12.62% | 1.548% |
| 21 | 9.633 | 1295 | 1300 | 1308 | rVB4 | 9729 | 18598 | 1.02% | 0.125% |
| 22 | 9.728 | 1308 | 1316 | 1323 | rVB7 | 9654 | 23631 | 1.29% | 0.158% |
| 23 | 9.875 | 1335 | 1341 | 1351 | rVB6 | 11703 | 26369 | 1.44% | 0.177% |
| 24 | 9.969 | 1351 | 1357 | 1362 | rBV2 | 32343 | 57679 | 3.15% | 0.386% |
| 25 | 10.216 | 1390 | 1399 | 1409 | rVB8 | 15879 | 51405 | 2.81% | 0.344% |
| 26 | 10.322 | 1409 | 1417 | 1428 | rBV7 | 18543 | 48828 | 2.67% | 0.327% |
| 27 | 10.439 | 1428 | 1437 | 1451 | rBV | 964278 | 1831659 | 100.00% | 12.270% |
| 28 | 10.545 | 1451 | 1455 | 1461 | rVV9 | 8746 | 20093 | 1.10% | 0.135% |
| 29 | 10.627 | 1461 | 1469 | 1474 | rVB6 | 20091 | 55606 | 3.04% | 0.372% |
| 30 | 10.686 | 1474 | 1479 | 1484 | rBV3 | 11889 | 23586 | 1.29% | 0.158% |
| 31 | 10.780 | 1490 | 1495 | 1502 | rBV3 | 10499 | 20305 | 1.11% | 0.136% |
| 32 | 10.857 | 1502 | 1508 | 1516 | rBV5 | 29774 | 74928 | 4.09% | 0.502% |
| 33 | 11.622 | 1632 | 1638 | 1646 | rBV9 | 11485 | 27943 | 1.53% | 0.187% |
| 34 | 11.739 | 1650 | 1658 | 1670 | rVV | 965783 | 1742394 | 95.13% | 11.672% |
| 35 | 11.845 | 1670 | 1676 | 1684 | rVV6 | 20052 | 51228 | 2.80% | 0.343% |
| 36 | 11.945 | 1684 | 1693 | 1705 | rVV | 60555 | 153350 | 8.37% | 1.027% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050922\
Data File : VN072383.D
Acq On : 09 May 2022 18:10
Operator : JC\MD
Sample : N2754-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
A748

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\82N042622W.M
Title : SW846 8260

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 37 | 12.051 | 1705 | 1711 | 1719 | rVB10 | 11090 | 25731 | 1.40% | 0.172% |
| 38 | 12.727 | 1816 | 1826 | 1836 | rBV | 770927 | 1320086 | 72.07% | 8.843% |
| 39 | 13.010 | 1864 | 1874 | 1877 | rBV | 34156 | 67929 | 3.71% | 0.455% |
| 40 | 13.051 | 1877 | 1881 | 1890 | rVB | 103030 | 177254 | 9.68% | 1.187% |
| 41 | 13.216 | 1901 | 1909 | 1917 | rBV | 107322 | 188602 | 10.30% | 1.263% |
| 42 | 13.363 | 1929 | 1934 | 1939 | rVB2 | 35812 | 58081 | 3.17% | 0.389% |
| 43 | 13.668 | 1979 | 1986 | 2000 | rBV2 | 875332 | 1732429 | 94.58% | 11.605% |
| 44 | 13.833 | 2009 | 2014 | 2016 | rBV2 | 32097 | 49746 | 2.72% | 0.333% |
| 45 | 13.874 | 2016 | 2021 | 2037 | rVB2 | 233826 | 545105 | 29.76% | 3.652% |
| 46 | 13.998 | 2037 | 2042 | 2046 | rBV4 | 13654 | 23442 | 1.28% | 0.157% |
| 47 | 14.063 | 2046 | 2053 | 2059 | rBV3 | 26507 | 48436 | 2.64% | 0.324% |
| 48 | 14.121 | 2059 | 2063 | 2073 | rVB3 | 19242 | 40603 | 2.22% | 0.272% |
| 49 | 14.210 | 2073 | 2078 | 2084 | rBV | 95389 | 156598 | 8.55% | 1.049% |
| 50 | 14.274 | 2084 | 2089 | 2092 | rVV3 | 22955 | 39756 | 2.17% | 0.266% |
| 51 | 14.321 | 2092 | 2097 | 2104 | rVB2 | 124137 | 213446 | 11.65% | 1.430% |
| 52 | 14.457 | 2112 | 2120 | 2125 | rBV3 | 26602 | 49030 | 2.68% | 0.328% |
| 53 | 14.533 | 2125 | 2133 | 2137 | rVV | 85131 | 151705 | 8.28% | 1.016% |
| 54 | 14.574 | 2137 | 2140 | 2144 | rVV2 | 31675 | 51432 | 2.81% | 0.345% |
| 55 | 14.615 | 2144 | 2147 | 2150 | rVV3 | 26987 | 40582 | 2.22% | 0.272% |
| 56 | 14.651 | 2150 | 2153 | 2161 | rVV7 | 20014 | 38941 | 2.13% | 0.261% |
| 57 | 14.757 | 2165 | 2171 | 2175 | rVV4 | 15549 | 30588 | 1.67% | 0.205% |
| 58 | 14.804 | 2175 | 2179 | 2184 | rVV2 | 58061 | 104794 | 5.72% | 0.702% |
| 59 | 14.845 | 2184 | 2186 | 2192 | rVV6 | 15048 | 22783 | 1.24% | 0.153% |
| 60 | 14.921 | 2192 | 2199 | 2206 | rVV2 | 202427 | 440329 | 24.04% | 2.950% |
| 61 | 14.986 | 2206 | 2210 | 2217 | rVV5 | 38907 | 81561 | 4.45% | 0.546% |
| 62 | 15.074 | 2219 | 2225 | 2233 | rVV5 | 31860 | 67766 | 3.70% | 0.454% |
| 63 | 15.186 | 2233 | 2244 | 2249 | rVV3 | 70407 | 181785 | 9.92% | 1.218% |
| 64 | 15.227 | 2249 | 2251 | 2256 | rVV3 | 34296 | 57187 | 3.12% | 0.383% |
| 65 | 15.310 | 2257 | 2265 | 2272 | rVB4 | 67083 | 159658 | 8.72% | 1.070% |
| 66 | 15.457 | 2286 | 2290 | 2293 | rBV4 | 10198 | 18764 | 1.02% | 0.126% |
| 67 | 15.498 | 2293 | 2297 | 2303 | rVB | 22819 | 38766 | 2.12% | 0.260% |
| 68 | 15.610 | 2312 | 2316 | 2320 | rBV5 | 12130 | 25369 | 1.39% | 0.170% |
| 69 | 15.662 | 2322 | 2325 | 2332 | rVB6 | 15587 | 28790 | 1.57% | 0.193% |
| 70 | 15.798 | 2341 | 2348 | 2356 | rBV2 | 33621 | 71556 | 3.91% | 0.479% |
| 71 | 15.974 | 2367 | 2378 | 2382 | rBV4 | 24518 | 66802 | 3.65% | 0.447% |
| 72 | 16.104 | 2395 | 2400 | 2407 | rVV3 | 12429 | 18966 | 1.04% | 0.127% |
| 73 | 16.180 | 2407 | 2413 | 2419 | rVB5 | 16809 | 36071 | 1.97% | 0.242% |
| 74 | 16.339 | 2431 | 2440 | 2448 | rBV10 | 18013 | 45049 | 2.46% | 0.302% |
| 75 | 16.615 | 2479 | 2487 | 2493 | rBV4 | 9846 | 22717 | 1.24% | 0.152% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050922\
Data File : VN072383.D
Acq On : 09 May 2022 18:10
Operator : JC\MD
Sample : N2754-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
A748

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\82N042622W.M
Title : SW846 8260

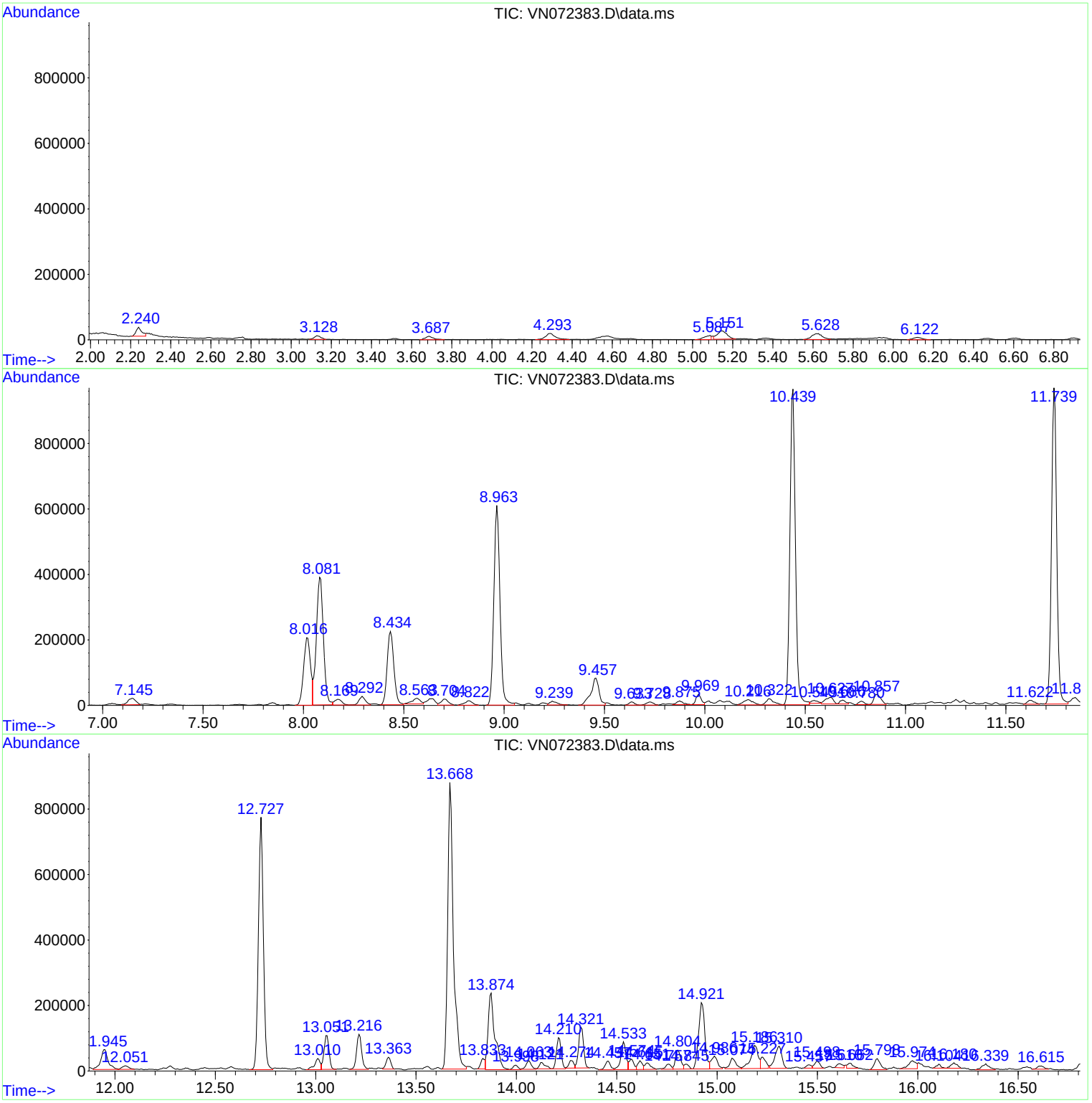
Sum of corrected areas: 14927981

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050922\
Data File : VN072383.D
Acq On : 09 May 2022 18:10
Operator : JC\MD
Sample : N2754-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
A748

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050922\
Data File : VN072383.D
Acq On : 09 May 2022 18:10
Operator : JC\MD
Sample : N2754-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
A748

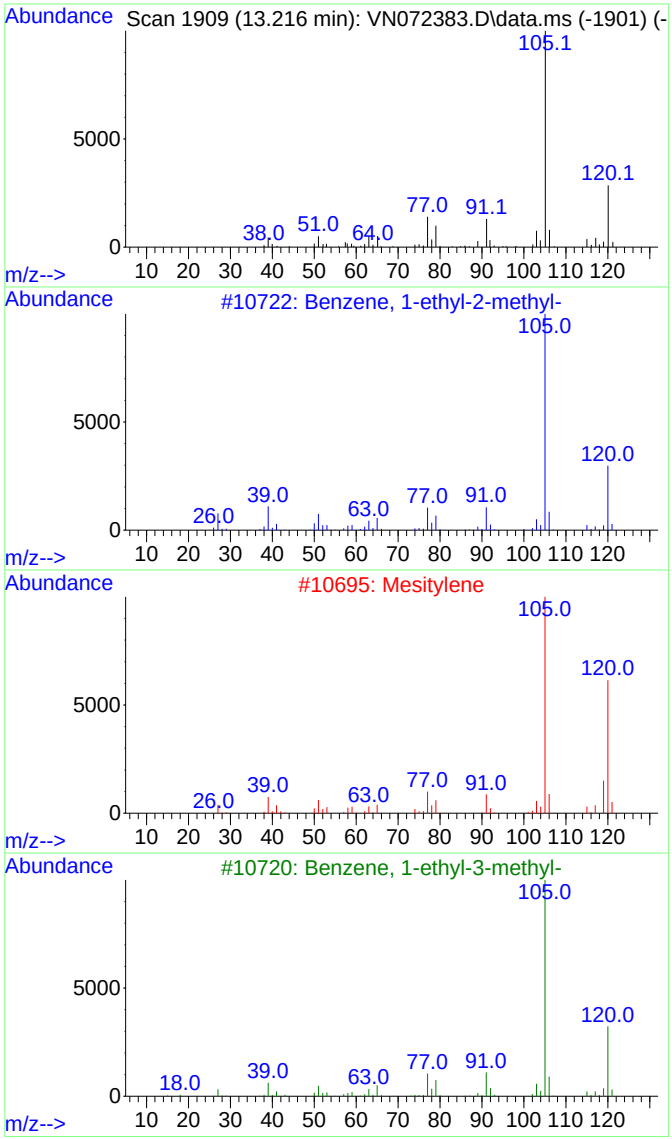
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
Quant Title : SW846 8260

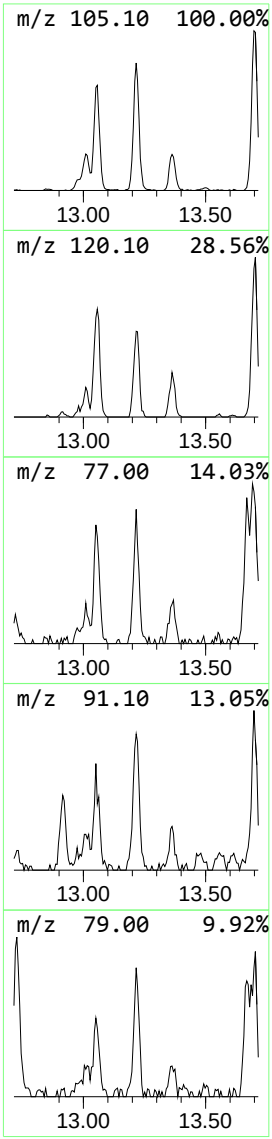
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.216 | 5.44 ug/l | 188602 | 1,4-Dichlorobenzene-d4 | 13.669 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 94 |
| 2 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |
| 3 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 91 |
| 4 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 91 |
| 5 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050922\
Data File : VN072383.D
Acq On : 09 May 2022 18:10
Operator : JC\MD
Sample : N2754-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
A748

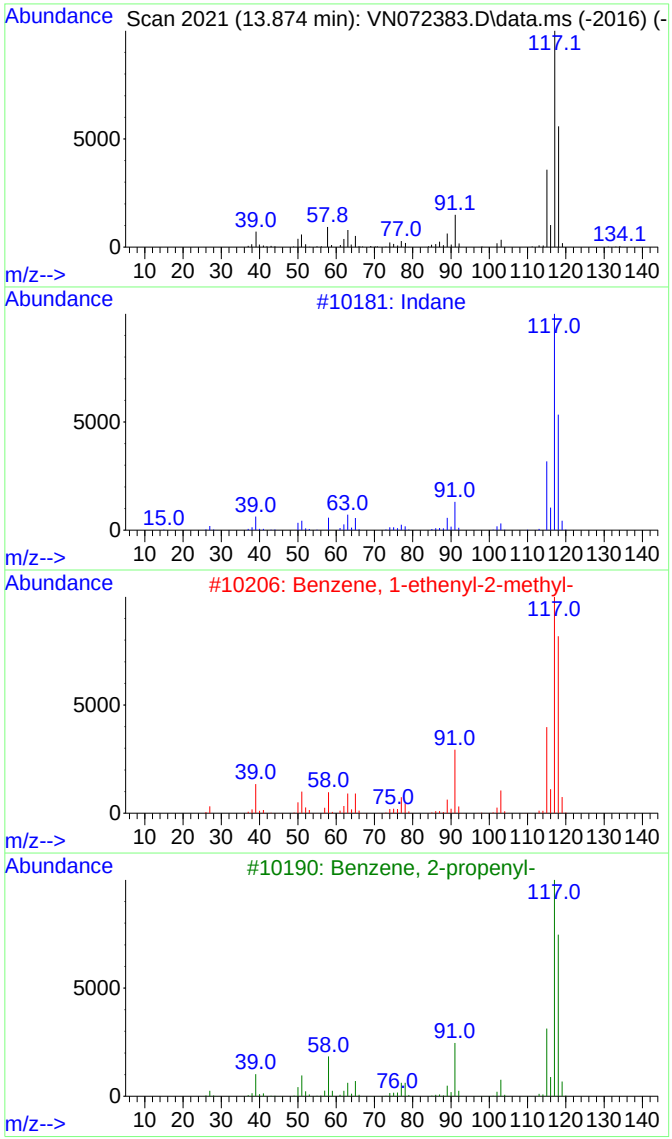
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
Quant Title : SW846 8260

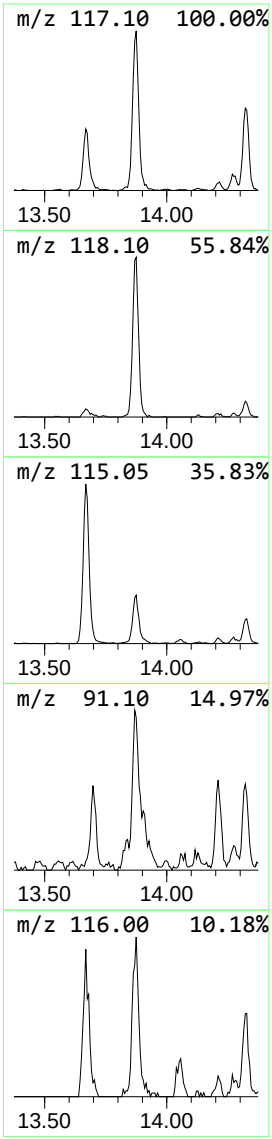
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Indane Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.874 | 15.73 ug/l | 545105 | 1,4-Dichlorobenzene-d4 | 13.669 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indane | 118 | C9H10 | 000496-11-7 | 93 |
| 2 | Benzene, 1-ethenyl-2-methyl- | 118 | C9H10 | 000611-15-4 | 87 |
| 3 | Benzene, 2-propenyl- | 118 | C9H10 | 000300-57-2 | 81 |
| 4 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 76 |
| 5 | Benzene, 1-ethenyl-4-methyl- | 118 | C9H10 | 000622-97-9 | 74 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050922\
Data File : VN072383.D
Acq On : 09 May 2022 18:10
Operator : JC\MD
Sample : N2754-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
A748

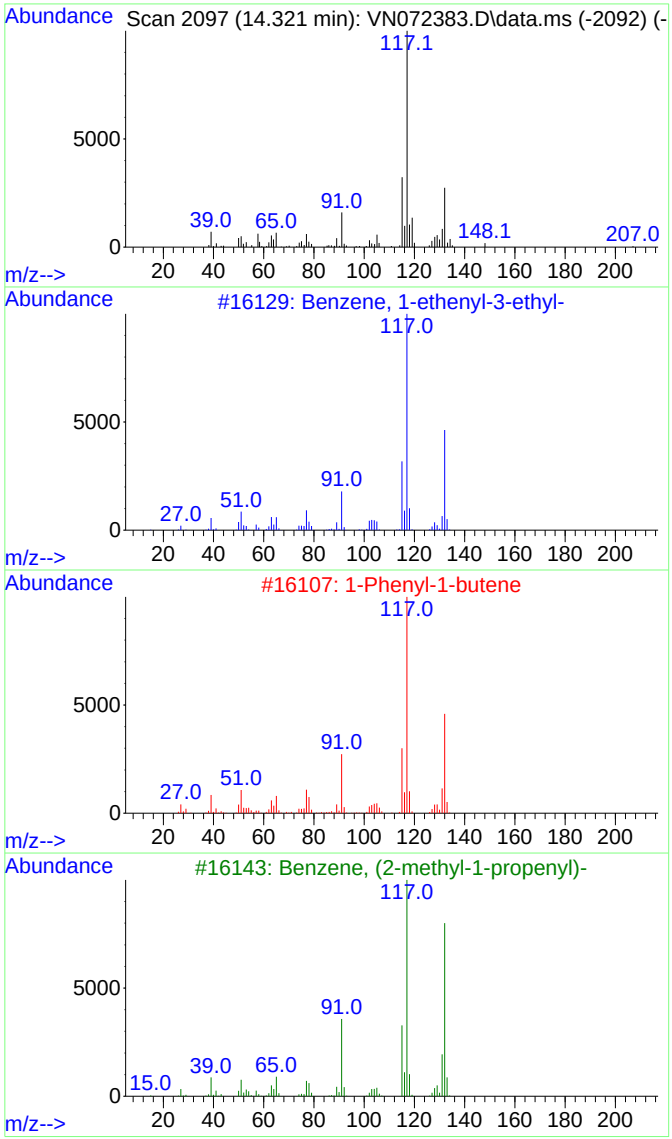
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
Quant Title : SW846 8260

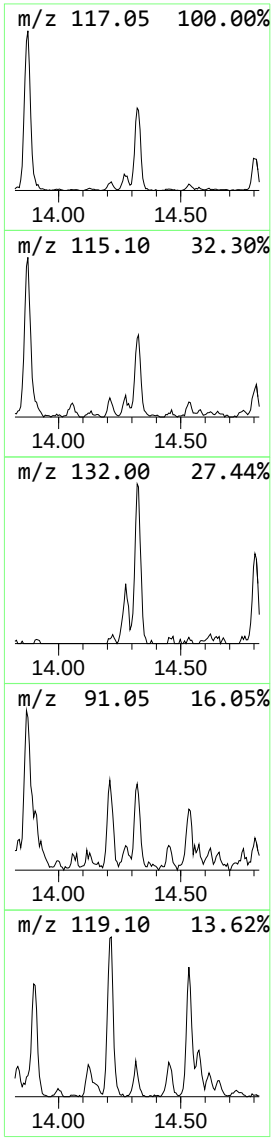
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.321 | 6.16 ug/l | 213446 | 1,4-Dichlorobenzene-d4 | 13.669 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethenyl-3-ethyl- | 132 | C10H12 | 007525-62-4 | 87 |
| 2 | 1-Phenyl-1-butene | 132 | C10H12 | 000824-90-8 | 83 |
| 3 | Benzene, (2-methyl-1-propenyl)- | 132 | C10H12 | 000768-49-0 | 83 |
| 4 | Indan, 1-methyl- | 132 | C10H12 | 000767-58-8 | 81 |
| 5 | 1-Methyl-2-phenylcyclopropane | 132 | C10H12 | 003145-76-4 | 80 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050922\
Data File : VN072383.D
Acq On : 09 May 2022 18:10
Operator : JC\MD
Sample : N2754-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
A748

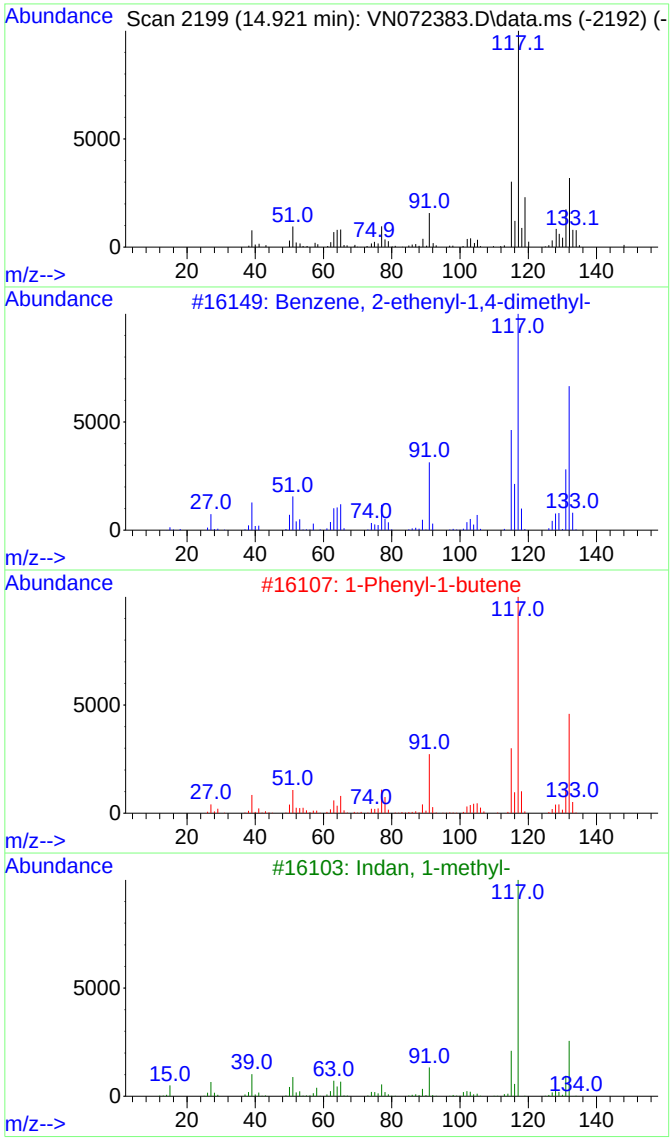
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
Quant Title : SW846 8260

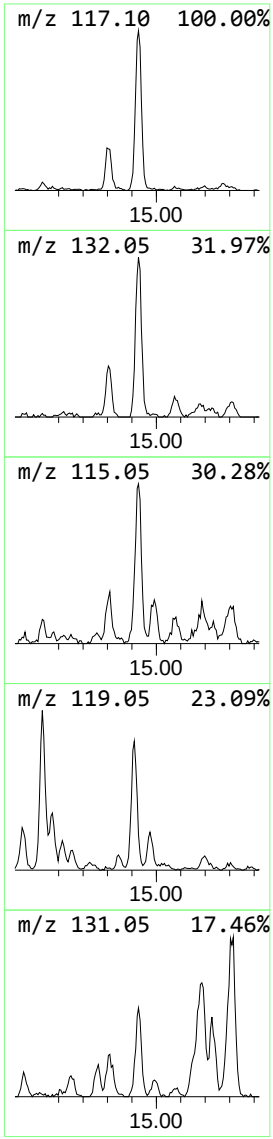
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.921 | 12.71 ug/l | 440329 | 1,4-Dichlorobenzene-d4 | 13.669 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12 | 002039-89-6 | 90 |
| 2 | 1-Phenyl-1-butene | 132 | C10H12 | 000824-90-8 | 81 |
| 3 | Indan, 1-methyl- | 132 | C10H12 | 000767-58-8 | 81 |
| 4 | Benzene, 1-ethenyl-3-ethyl- | 132 | C10H12 | 007525-62-4 | 81 |
| 5 | Benzene, 1-ethenyl-4-ethyl- | 132 | C10H12 | 003454-07-7 | 76 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050922\
Data File : VN072383.D
Acq On : 09 May 2022 18:10
Operator : JC\MD
Sample : N2754-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
A748

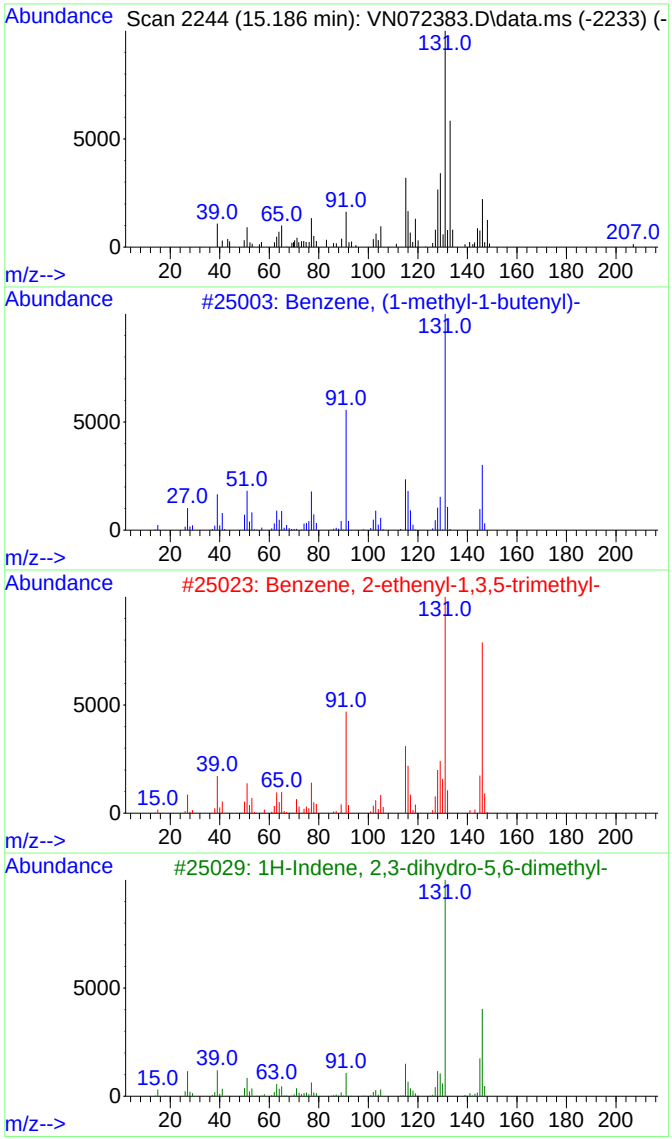
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
Quant Title : SW846 8260

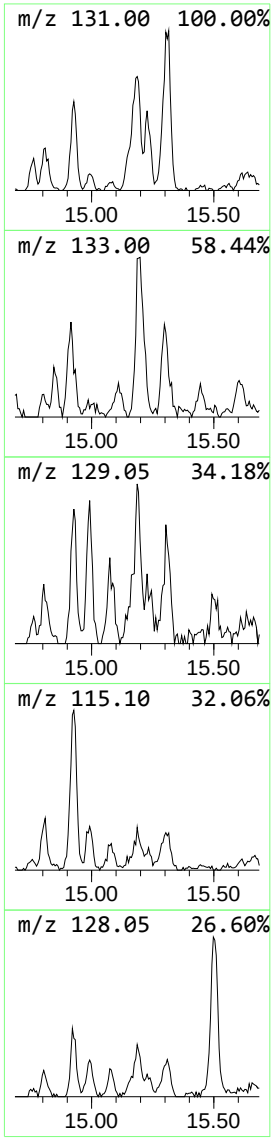
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Benzene, (1-methyl-1-butenyl)- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.186 | 5.25 ug/l | 181785 | 1,4-Dichlorobenzene-d4 | 13.669 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (1-methyl-1-butenyl)- | 146 | C11H14 | 053172-84-2 | 58 |
| 2 | Benzene, 2-ethenyl-1,3,5-trimethyl- | 146 | C11H14 | 000769-25-5 | 58 |
| 3 | 1H-Indene, 2,3-dihydro-5,6-dimet... | 146 | C11H14 | 001075-22-5 | 58 |
| 4 | Benzene, 1-methyl-3-(1-methyl-2-... | 146 | C11H14 | 052161-57-6 | 49 |
| 5 | Benzene, (2-methyl-1-butenyl)- | 146 | C11H14 | 056253-64-6 | 49 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050922\
Data File : VN072383.D
Acq On : 09 May 2022 18:10
Operator : JC\MD
Sample : N2754-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
A748

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.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... | 13.216 | 5.4 | ug/l | 188602 | 4 | 13.669 | 1732430 | 50.0 |
| Indane | 13.874 | 15.7 | ug/l | 545105 | 4 | 13.669 | 1732430 | 50.0 |
| Benzene, 1-ethe... | 14.321 | 6.2 | ug/l | 213446 | 4 | 13.669 | 1732430 | 50.0 |
| Benzene, 2-ethe... | 14.921 | 12.7 | ug/l | 440329 | 4 | 13.669 | 1732430 | 50.0 |
| Benzene, (1-met... | 15.186 | 5.3 | ug/l | 181785 | 4 | 13.669 | 1732430 | 50.0 |