LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031023\
Data File : VN076946.D
Acq On : 11 Mar 2023 00:04
Operator : JC\MD
Sample : 01854-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
33952

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\82N031023W.M
Title : SW846 8260

Signal : TIC: VN076946.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.096 | 20 | 27 | 36 | rBV2 | 35556 | 65316 | 1.90% | 0.238% |
| 2 | 2.307 | 54 | 63 | 66 | rBV | 39803 | 82087 | 2.39% | 0.299% |
| 3 | 2.496 | 89 | 95 | 98 | rBV | 67574 | 118004 | 3.44% | 0.429% |
| 4 | 2.525 | 98 | 100 | 111 | rVB2 | 57168 | 92225 | 2.69% | 0.336% |
| 5 | 2.825 | 148 | 151 | 162 | rVB7 | 13086 | 36975 | 1.08% | 0.135% |
| 6 | 3.254 | 217 | 224 | 237 | rVB3 | 25216 | 74361 | 2.17% | 0.271% |
| 7 | 3.807 | 308 | 318 | 327 | rBV2 | 28817 | 82894 | 2.41% | 0.302% |
| 8 | 4.448 | 416 | 427 | 437 | rBV2 | 14784 | 49168 | 1.43% | 0.179% |
| 9 | 5.813 | 648 | 659 | 673 | rBV4 | 18894 | 66159 | 1.93% | 0.241% |
| 10 | 6.695 | 793 | 809 | 826 | rBV3 | 58023 | 203040 | 5.91% | 0.739% |
| 11 | 7.242 | 893 | 902 | 910 | rBV5 | 21929 | 60660 | 1.77% | 0.221% |
| 12 | 7.342 | 910 | 919 | 928 | rVB5 | 10520 | 34606 | 1.01% | 0.126% |
| 13 | 8.178 | 1051 | 1061 | 1065 | rBV | 263782 | 650195 | 18.94% | 2.366% |
| 14 | 8.231 | 1065 | 1070 | 1088 | rVB | 540341 | 1232203 | 35.89% | 4.485% |
| 15 | 8.601 | 1121 | 1133 | 1145 | rBV3 | 379110 | 1322701 | 38.53% | 4.814% |
| 16 | 9.107 | 1211 | 1219 | 1233 | rBV | 716045 | 1486082 | 43.29% | 5.409% |
| 17 | 10.572 | 1460 | 1468 | 1473 | rBV | 1044010 | 1961975 | 57.15% | 7.141% |
| 18 | 10.636 | 1473 | 1479 | 1503 | rVB | 1801875 | 3433225 | 100.00% | 12.496% |
| 19 | 11.871 | 1677 | 1689 | 1699 | rBV | 939983 | 1685614 | 49.10% | 6.135% |
| 20 | 11.966 | 1699 | 1705 | 1713 | rVB | 116994 | 203981 | 5.94% | 0.742% |
| 21 | 12.071 | 1715 | 1723 | 1734 | rBV | 983861 | 1930055 | 56.22% | 7.025% |
| 22 | 12.401 | 1772 | 1779 | 1786 | rBV | 825506 | 1405082 | 40.93% | 5.114% |
| 23 | 12.854 | 1846 | 1856 | 1864 | rBV | 751892 | 1325199 | 38.60% | 4.823% |
| 24 | 13.048 | 1882 | 1889 | 1891 | rBV | 20392 | 39345 | 1.15% | 0.143% |
| 25 | 13.101 | 1891 | 1898 | 1901 | rBV | 298801 | 521350 | 15.19% | 1.898% |
| 26 | 13.177 | 1907 | 1911 | 1918 | rVB | 216260 | 355072 | 10.34% | 1.292% |
| 27 | 13.342 | 1924 | 1939 | 1947 | rBV | 241731 | 459924 | 13.40% | 1.674% |
| 28 | 13.483 | 1957 | 1963 | 1970 | rBV | 479624 | 779200 | 22.70% | 2.836% |
| 29 | 13.677 | 1992 | 1996 | 2003 | rBV5 | 33480 | 65969 | 1.92% | 0.240% |
| 30 | 13.795 | 2009 | 2016 | 2026 | rBV2 | 928444 | 2185462 | 63.66% | 7.954% |
| 31 | 13.877 | 2026 | 2030 | 2038 | rVV | 141373 | 236273 | 6.88% | 0.860% |
| 32 | 13.960 | 2038 | 2044 | 2045 | rVV3 | 41380 | 65463 | 1.91% | 0.238% |
| 33 | 13.995 | 2045 | 2050 | 2066 | rVB4 | 191032 | 591643 | 17.23% | 2.153% |
| 34 | 14.183 | 2076 | 2082 | 2088 | rVB3 | 48546 | 81087 | 2.36% | 0.295% |
| 35 | 14.248 | 2088 | 2093 | 2096 | rBV2 | 64984 | 116667 | 3.40% | 0.425% |
| 36 | 14.277 | 2096 | 2098 | 2103 | rVV2 | 59978 | 71795 | 2.09% | 0.261% |

LSC Area Percent Report

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Data File : VN076946.D
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Operator : JC\MD
Sample : 01854-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
33952

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\82N031023W.M
Title : SW846 8260

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 14.336 | 2103 | 2108 | 2113 | rVB | 128453 | 205945 | 6.00% | 0.750% |
| 38 | 14.401 | 2113 | 2119 | 2122 | rBV2 | 23067 | 39825 | 1.16% | 0.145% |
| 39 | 14.448 | 2122 | 2127 | 2134 | rVB2 | 85229 | 144022 | 4.19% | 0.524% |
| 40 | 14.577 | 2143 | 2149 | 2153 | rBV3 | 51171 | 94078 | 2.74% | 0.342% |
| 41 | 14.660 | 2157 | 2163 | 2166 | rVV | 93412 | 150787 | 4.39% | 0.549% |
| 42 | 14.695 | 2166 | 2169 | 2174 | rVB | 138351 | 196728 | 5.73% | 0.716% |
| 43 | 14.777 | 2179 | 2183 | 2187 | rVB3 | 23252 | 36252 | 1.06% | 0.132% |
| 44 | 14.877 | 2192 | 2200 | 2204 | rBV8 | 19240 | 38658 | 1.13% | 0.141% |
| 45 | 14.930 | 2204 | 2209 | 2214 | rVV2 | 85911 | 159678 | 4.65% | 0.581% |
| 46 | 14.965 | 2214 | 2215 | 2221 | rVB2 | 29475 | 36737 | 1.07% | 0.134% |
| 47 | 15.054 | 2221 | 2230 | 2237 | rBV3 | 223508 | 555748 | 16.19% | 2.023% |
| 48 | 15.118 | 2237 | 2241 | 2249 | rVB5 | 38678 | 84725 | 2.47% | 0.308% |
| 49 | 15.212 | 2252 | 2257 | 2264 | rVV | 107891 | 198248 | 5.77% | 0.722% |
| 50 | 15.324 | 2265 | 2276 | 2289 | rVV5 | 88157 | 340134 | 9.91% | 1.238% |
| 51 | 15.442 | 2289 | 2296 | 2306 | rVB3 | 83119 | 232152 | 6.76% | 0.845% |
| 52 | 15.642 | 2324 | 2330 | 2336 | rVB | 67524 | 123158 | 3.59% | 0.448% |
| 53 | 15.707 | 2336 | 2341 | 2345 | rBV3 | 40193 | 69074 | 2.01% | 0.251% |
| 54 | 15.754 | 2345 | 2349 | 2352 | rBV4 | 24083 | 39692 | 1.16% | 0.144% |
| 55 | 15.948 | 2375 | 2382 | 2392 | rBV3 | 62791 | 157070 | 4.57% | 0.572% |
| 56 | 16.130 | 2403 | 2413 | 2414 | rBV4 | 55157 | 101998 | 2.97% | 0.371% |
| 57 | 16.171 | 2415 | 2420 | 2430 | rVV2 | 153130 | 352843 | 10.28% | 1.284% |
| 58 | 16.259 | 2430 | 2435 | 2441 | rVV5 | 30604 | 68479 | 1.99% | 0.249% |
| 59 | 16.348 | 2441 | 2450 | 2464 | rVB5 | 64104 | 233602 | 6.80% | 0.850% |
| 60 | 16.501 | 2464 | 2476 | 2488 | rBV5 | 121341 | 388217 | 11.31% | 1.413% |
| 61 | 16.718 | 2500 | 2513 | 2519 | rBV5 | 82054 | 256407 | 7.47% | 0.933% |

Sum of corrected areas: 27475314

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Data File : VN076946.D
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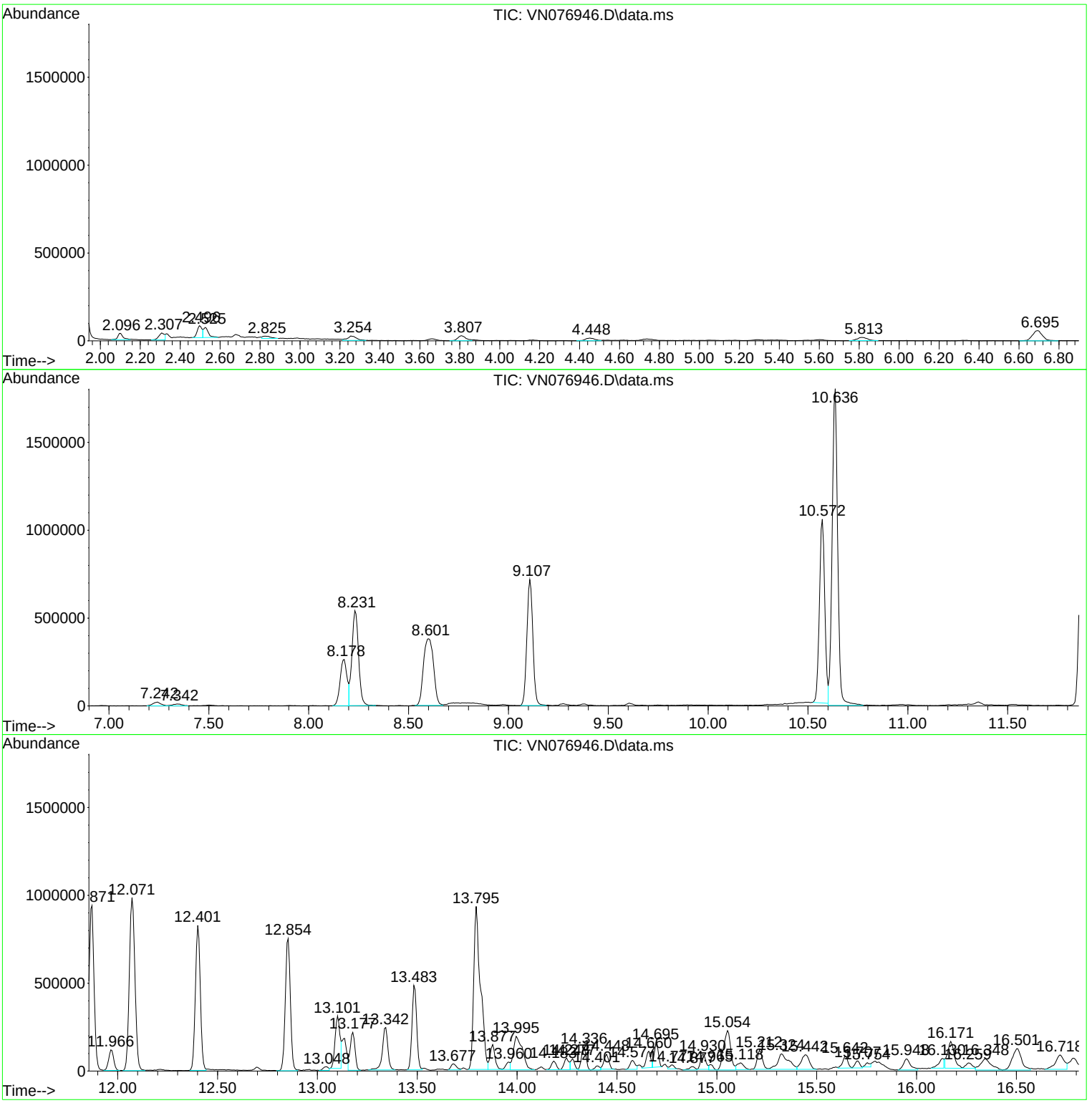
Sample : 01854-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
33952

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031023\
Data File : VN076946.D
Acq On : 11 Mar 2023 00:04
Operator : JC\MD
Sample : 01854-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
33952

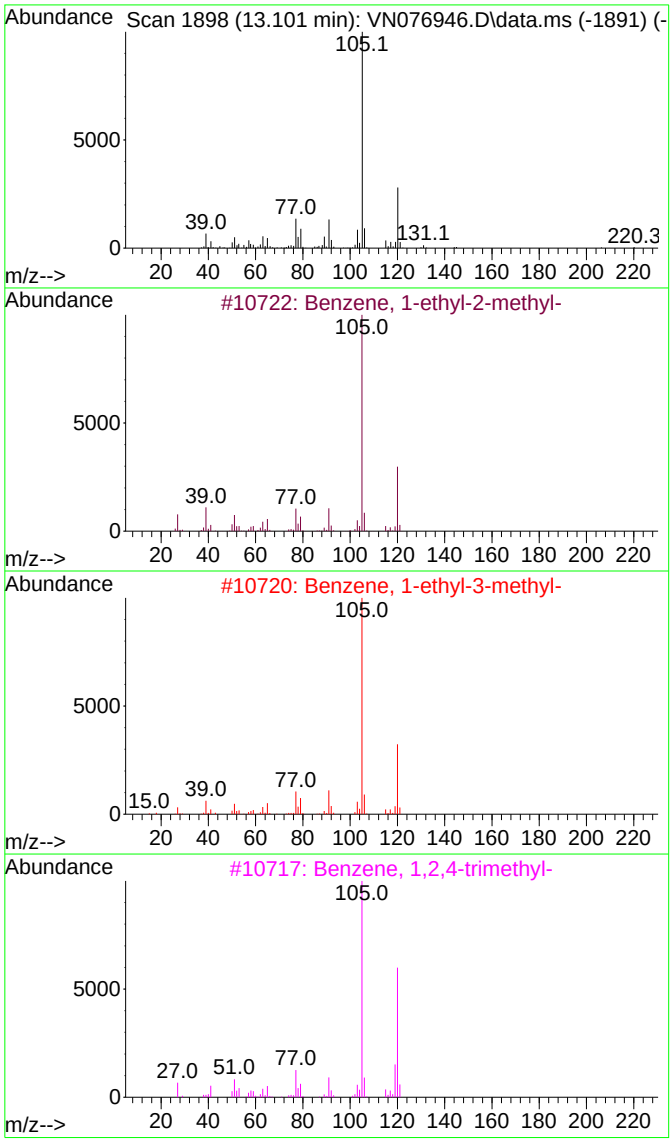
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
Quant Title : SW846 8260

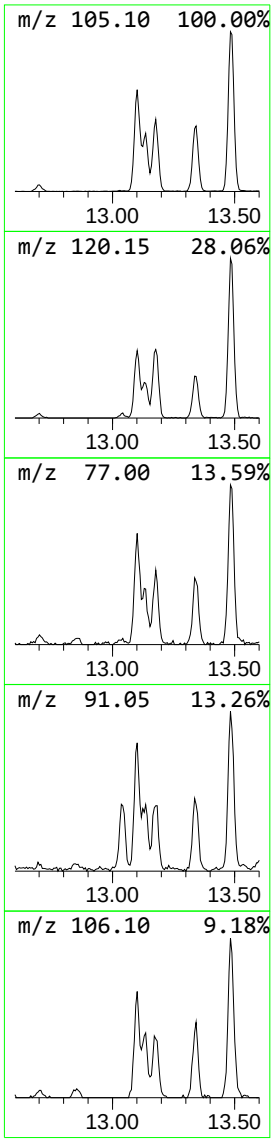
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.101 | 11.93 ug/l | 521350 | 1,4-Dichlorobenzene-d4 | 13.795 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 93 |
| 2 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 93 |
| 3 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 90 |
| 4 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 90 |
| 5 | Mesitylene | 120 | C9H12 | 000108-67-8 | 87 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031023\
Data File : VN076946.D
Acq On : 11 Mar 2023 00:04
Operator : JC\MD
Sample : 01854-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
33952

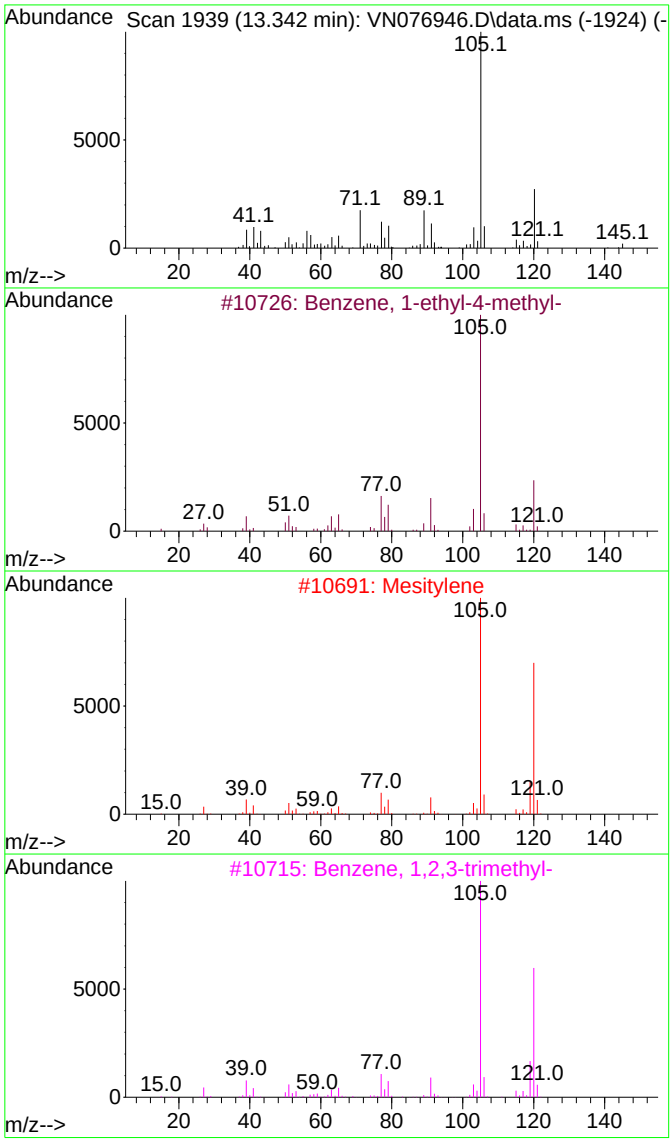
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
Quant Title : SW846 8260

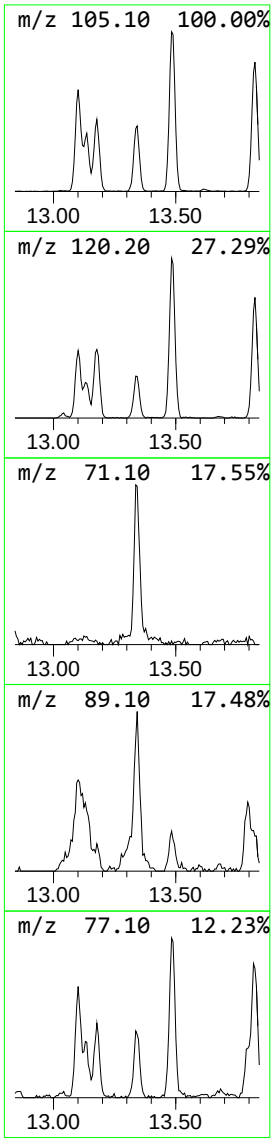
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.342 | 10.52 ug/l | 459924 | 1,4-Dichlorobenzene-d4 | 13.795 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 93 |
| 2 | Mesitylene | 120 | C9H12 | 000108-67-8 | 81 |
| 3 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 81 |
| 4 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 81 |
| 5 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 81 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031023\
Data File : VN076946.D
Acq On : 11 Mar 2023 00:04
Operator : JC\MD
Sample : 01854-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
33952

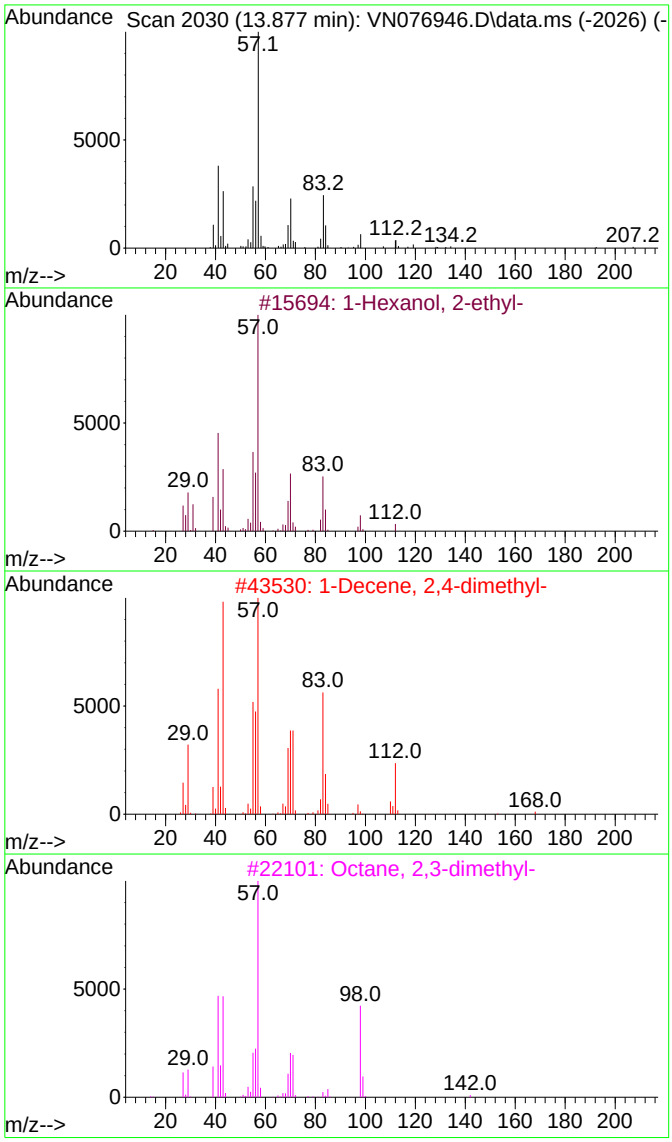
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
Quant Title : SW846 8260

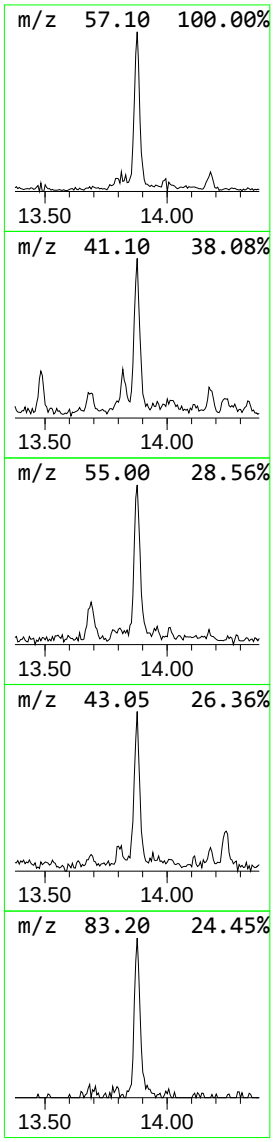
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.877 | 5.41 ug/l | 236273 | 1,4-Dichlorobenzene-d4 | 13.795 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Hexanol, 2-ethyl- | 130 | C8H18O | 000104-76-7 | 78 |
| 2 | 1-Decene, 2,4-dimethyl- | 168 | C12H24 | 055170-80-4 | 53 |
| 3 | Octane, 2,3-dimethyl- | 142 | C10H22 | 007146-60-3 | 50 |
| 4 | 2-Propyl-1-pentanol, pentafluoro... | 276 | C11H17F5O2 | 1000365-51-2 | 47 |
| 5 | Pentadecafluorooctanoic acid, 2-... | 526 | C16H17F15O2 | 1000406-80-9 | 47 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031023\
Data File : VN076946.D
Acq On : 11 Mar 2023 00:04
Operator : JC\MD
Sample : 01854-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
33952

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
Quant Title : SW846 8260

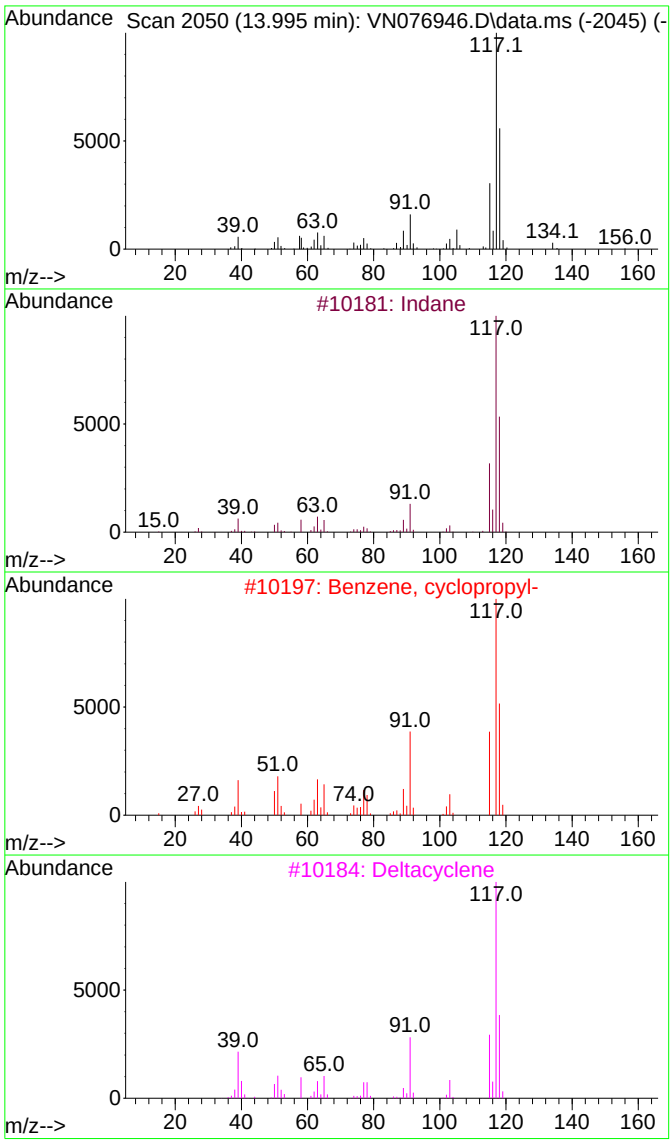
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

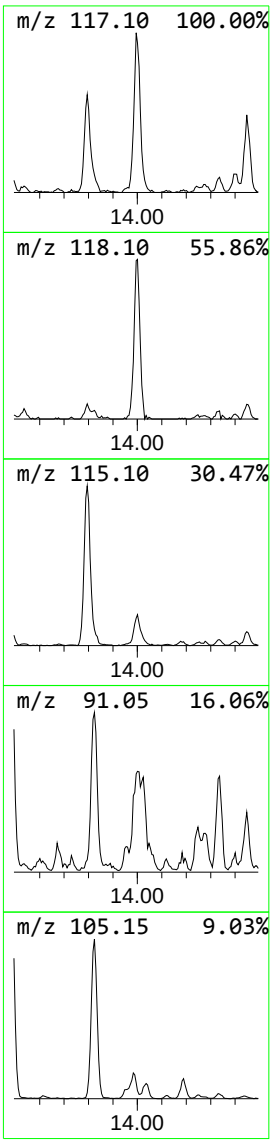
**********

Peak Number 4 Indane Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.995 | 13.54 ug/l | 591643 | 1,4-Dichlorobenzene-d4 | 13.795 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indane | 118 | C9H10 | 000496-11-7 | 94 |
| 2 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 76 |
| 3 | Deltacyclene | 118 | C9H10 | 007785-10-6 | 58 |
| 4 | Benzene, 2-propenyl- | 118 | C9H10 | 000300-57-2 | 55 |
| 5 | Benzaldehyde, 4-(1-phenyl-2-prop... | 238 | C16H14O2 | 1000277-56-1 | 50 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031023\
Data File : VN076946.D
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Operator : JC\MD
Sample : 01854-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
MSVOA_N
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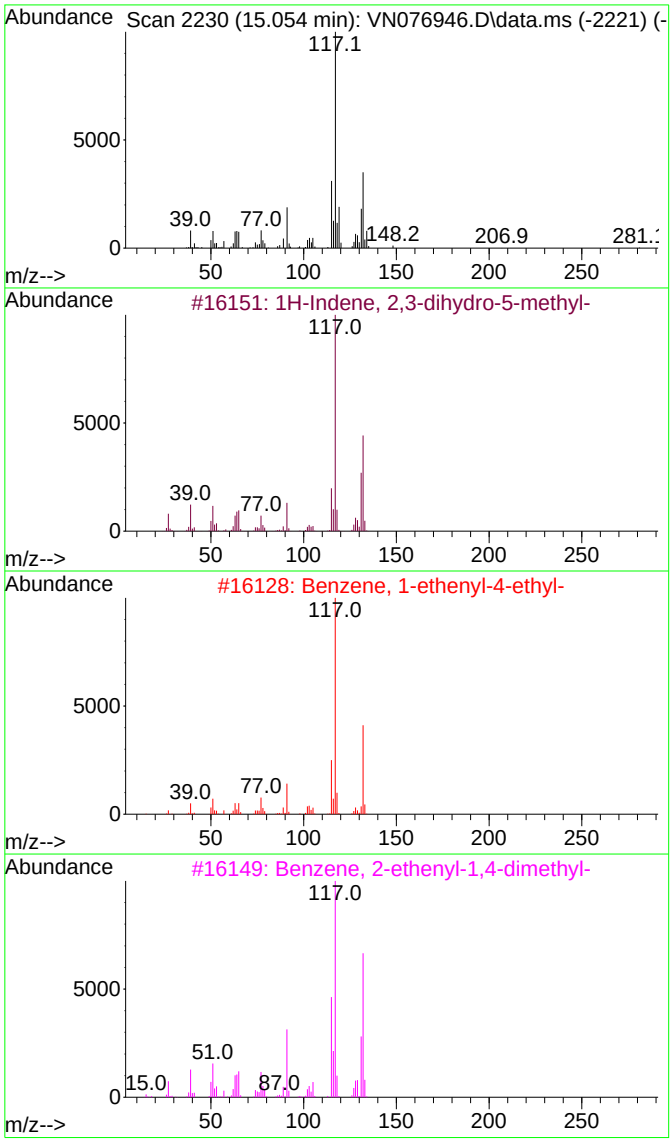
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
Quant Title : SW846 8260

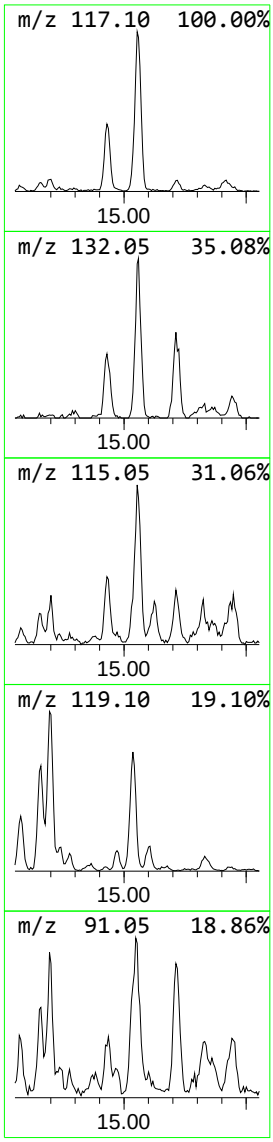
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.054 | 12.71 ug/l | 555748 | 1,4-Dichlorobenzene-d4 | 13.795 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2,3-dihydro-5-methyl- | 132 | C10H12 | 000874-35-1 | 94 |
| 2 | Benzene, 1-ethenyl-4-ethyl- | 132 | C10H12 | 003454-07-7 | 93 |
| 3 | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12 | 002039-89-6 | 91 |
| 4 | Benzene, 2-ethenyl-1,3-dimethyl- | 132 | C10H12 | 002039-90-9 | 87 |
| 5 | 1-Phenyl-1-butene | 132 | C10H12 | 000824-90-8 | 87 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031023\
Data File : VN076946.D
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Operator : JC\MD
Sample : 01854-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
33952

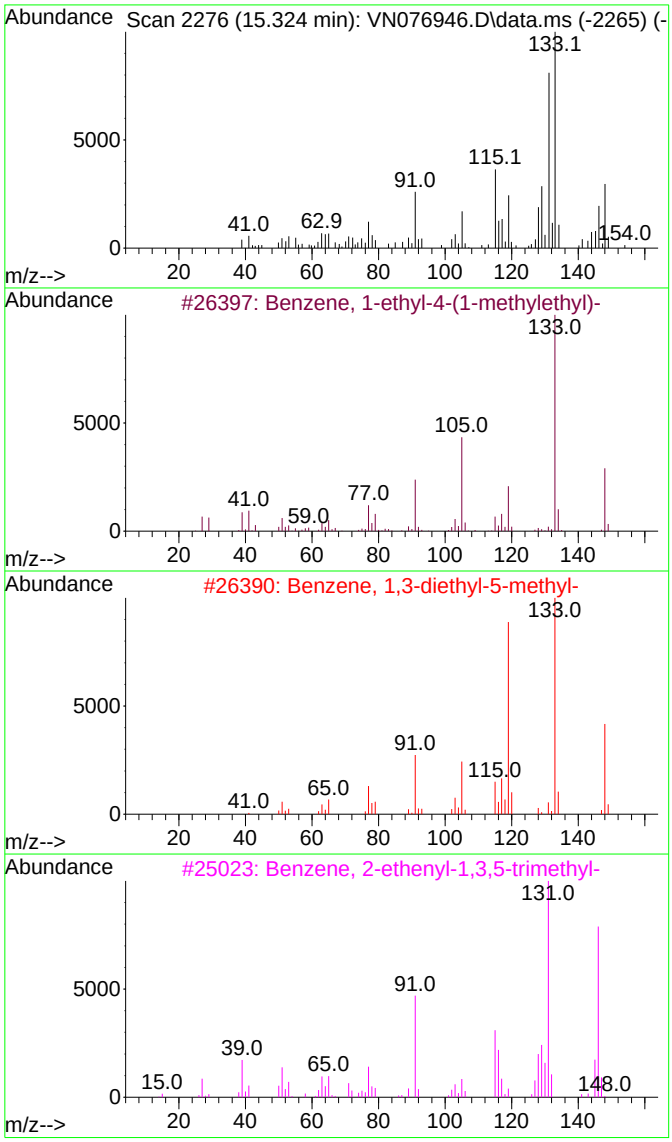
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
Quant Title : SW846 8260

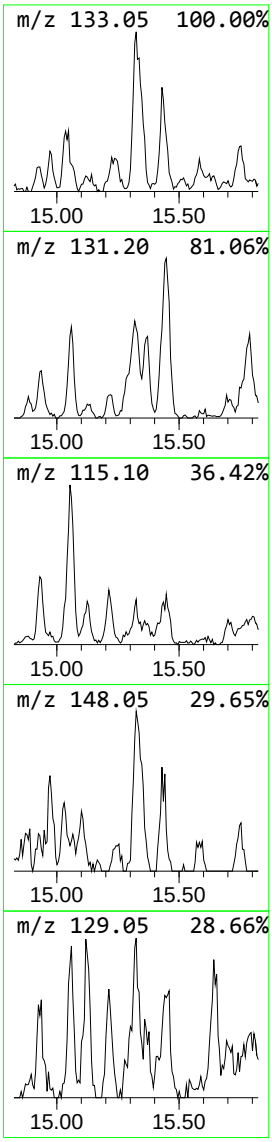
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.324 | 7.78 ug/l | 340134 | 1,4-Dichlorobenzene-d4 | 13.795 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-4-(1-methylethyl)- | 148 | C11H16 | 004218-48-8 | 50 |
| 2 | Benzene, 1,3-diethyl-5-methyl- | 148 | C11H16 | 002050-24-0 | 46 |
| 3 | Benzene, 2-ethenyl-1,3,5-trimethyl- | 146 | C11H14 | 000769-25-5 | 46 |
| 4 | Benzene, (3-methyl-2-butenyl)- | 146 | C11H14 | 004489-84-3 | 46 |
| 5 | Benzene, (2-methyl-1-butenyl)- | 146 | C11H14 | 056253-64-6 | 46 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031023\
Data File : VN076946.D
Acq On : 11 Mar 2023 00:04
Operator : JC\MD
Sample : 01854-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
33952

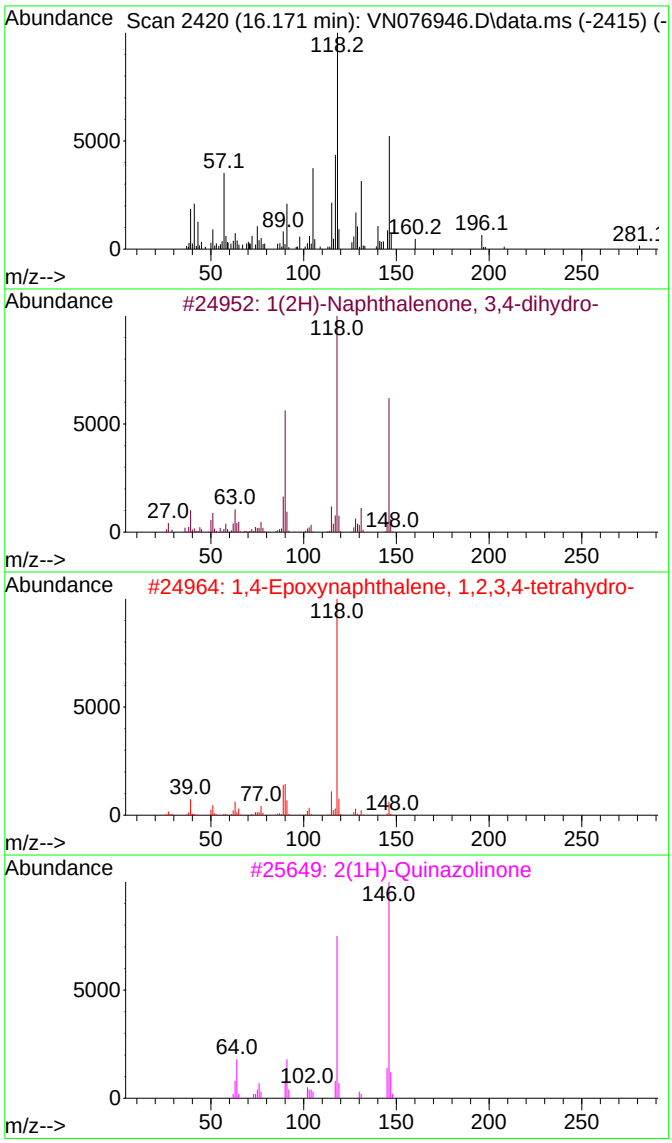
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
Quant Title : SW846 8260

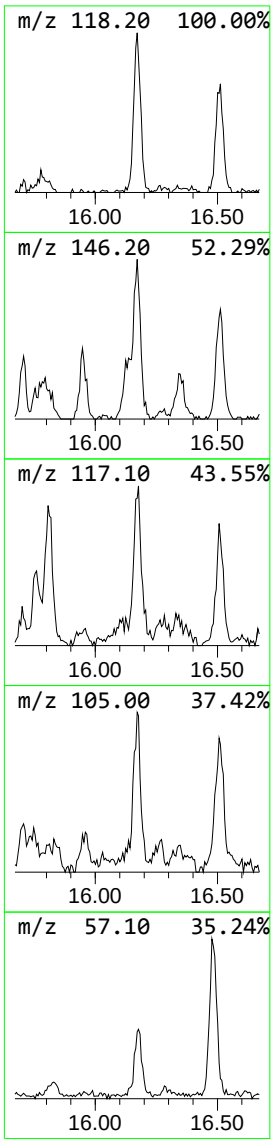
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 1(2H)-Naphthalenone, 3,4-di... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.171 | 8.07 ug/l | 352843 | 1,4-Dichlorobenzene-d4 | 13.795 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1(2H)-Naphthalenone, 3,4-dihydro- | 146 | C10H10O | 000529-34-0 | 52 |
| 2 | 1,4-Epoxynaphthalene, 1,2,3,4-te... | 146 | C10H10O | 035185-96-7 | 47 |
| 3 | 2(1H)-Quinazolinone | 146 | C8H6N2O | 007471-58-1 | 46 |
| 4 | Butanoic acid, 3-phenylpropyl ester | 206 | C13H18O2 | 007402-29-1 | 43 |
| 5 | 2-Hydroxy-1,8-naphthyridine | 146 | C8H6N2O | 015936-09-1 | 43 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031023\
Data File : VN076946.D
Acq On : 11 Mar 2023 00:04
Operator : JC\MD
Sample : 01854-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
33952

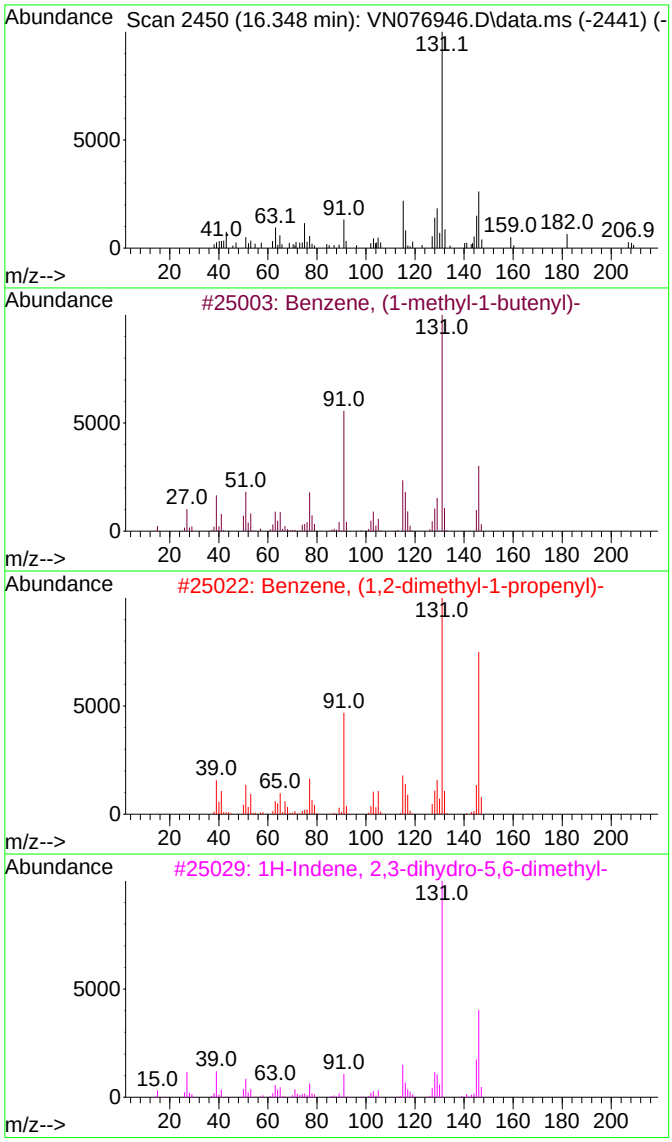
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
Quant Title : SW846 8260

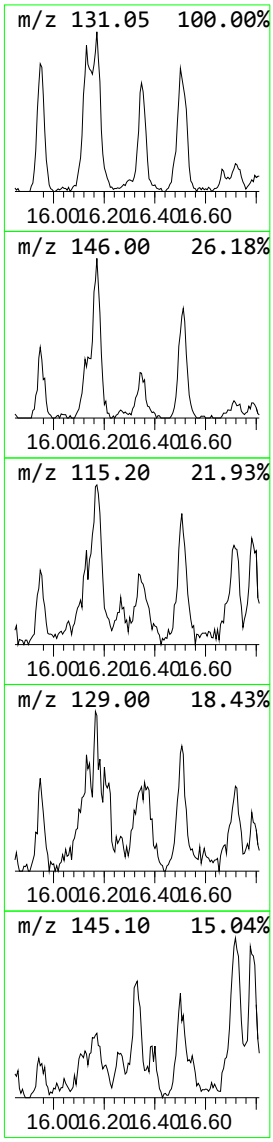
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Benzene, (1-methyl-1-butenyl)- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.348 | 5.34 ug/l | 233602 | 1,4-Dichlorobenzene-d4 | 13.795 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (1-methyl-1-butenyl)- | 146 | C11H14 | 053172-84-2 | 90 |
| 2 | Benzene, (1,2-dimethyl-1-propenyl)- | 146 | C11H14 | 000769-57-3 | 87 |
| 3 | 1H-Indene, 2,3-dihydro-5,6-dimet... | 146 | C11H14 | 001075-22-5 | 87 |
| 4 | 1H-Indene, 2,3-dihydro-4,6-dimet... | 146 | C11H14 | 001685-82-1 | 87 |
| 5 | Benzene, 1-methyl-3-(1-methyl-2-... | 146 | C11H14 | 052161-57-6 | 86 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031023\
Data File : VN076946.D
Acq On : 11 Mar 2023 00:04
Operator : JC\MD
Sample : 01854-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
33952

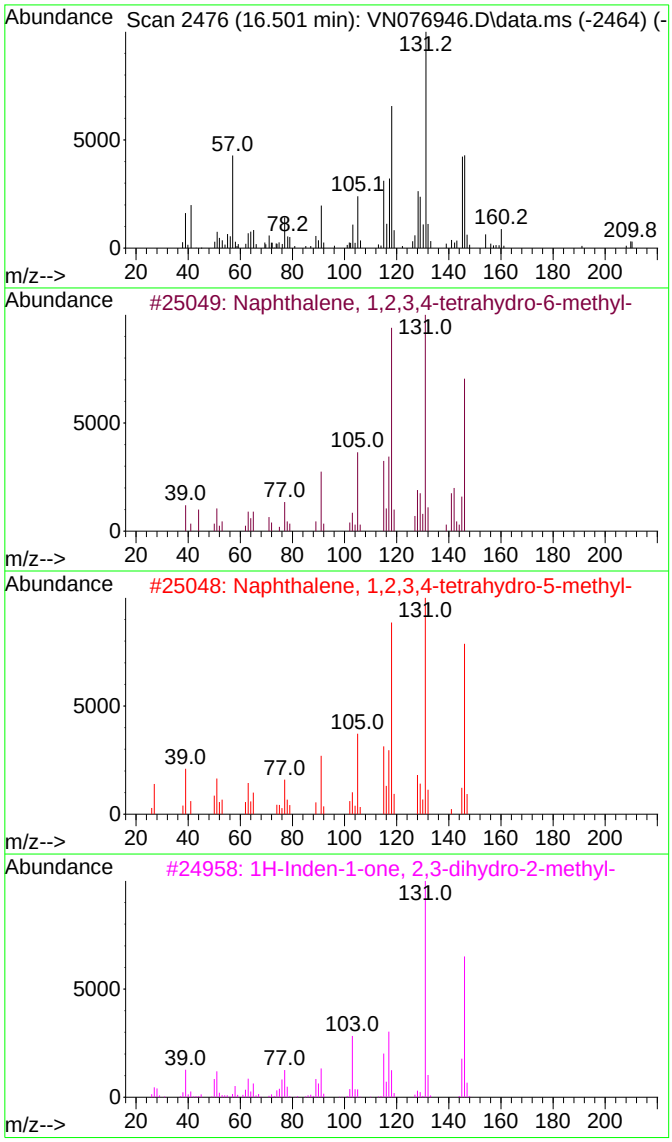
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
Quant Title : SW846 8260

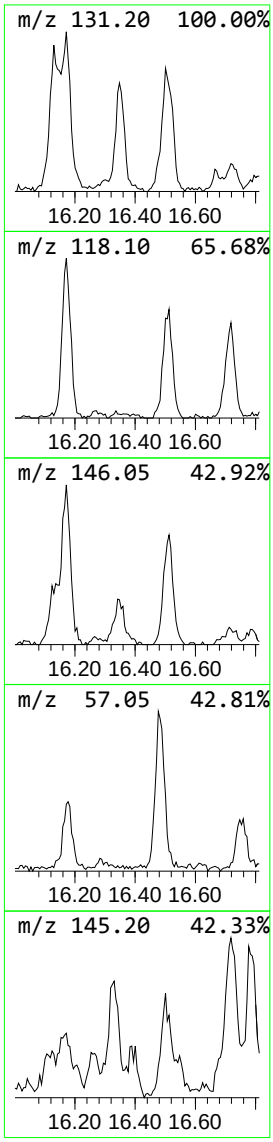
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.501 | 8.88 ug/l | 388217 | 1,4-Dichlorobenzene-d4 | 13.795 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 001680-51-9 | 94 |
| 2 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 002809-64-5 | 93 |
| 3 | 1H-Inden-1-one, 2,3-dihydro-2-me... | 146 | C10H10O | 017496-14-9 | 60 |
| 4 | 2-Propenal, 3-(4-methylphenyl)- | 146 | C10H10O | 001504-75-2 | 60 |
| 5 | Benzene, (1-ethyl-2-propenyl)- | 146 | C11H14 | 019947-22-9 | 55 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031023\
Data File : VN076946.D
Acq On : 11 Mar 2023 00:04
Operator : JC\MD
Sample : 01854-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
33952

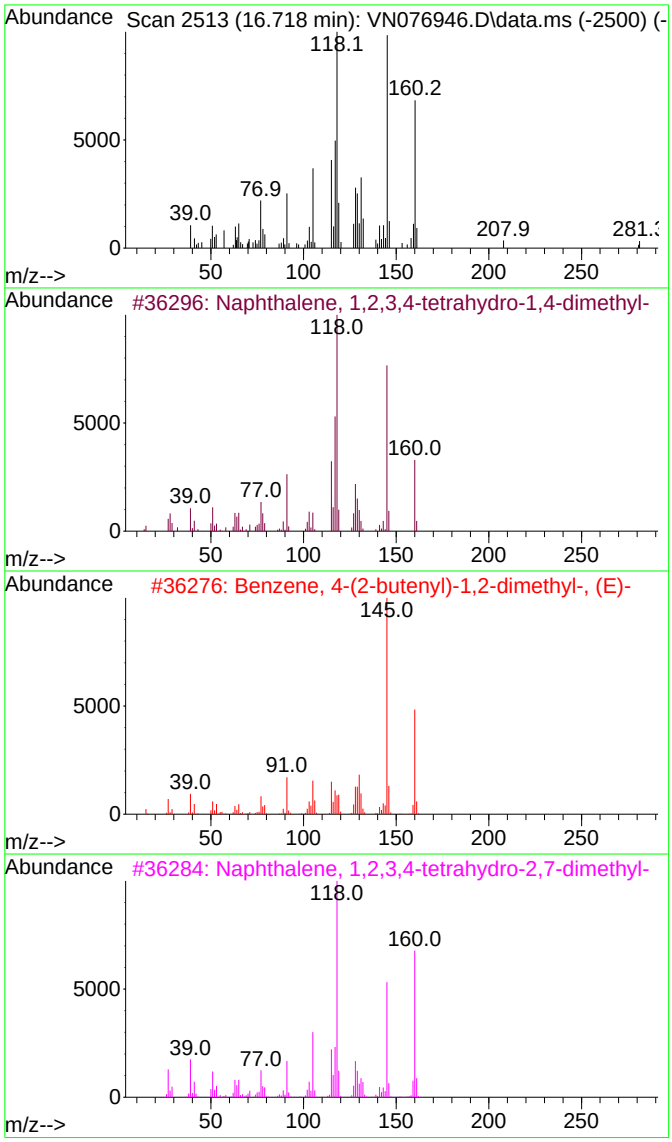
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
Quant Title : SW846 8260

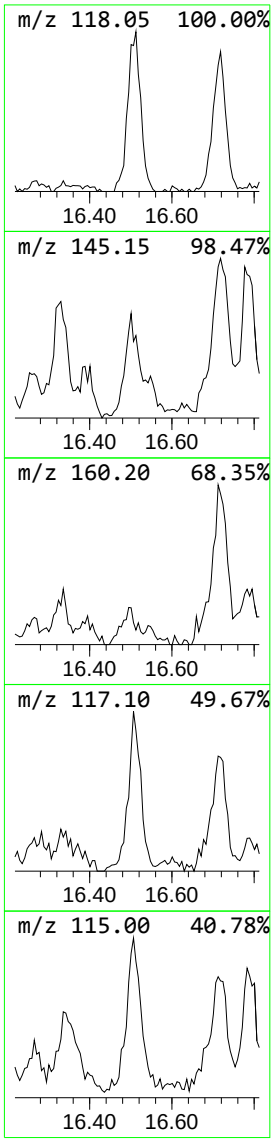
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.718 | 5.87 ug/l | 256407 | 1,4-Dichlorobenzene-d4 | 13.795 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16 | 004175-54-6 | 96 |
| 2 | Benzene, 4-(2-butenyl)-1,2-dimet... | 160 | C12H16 | 054340-86-2 | 78 |
| 3 | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16 | 013065-07-1 | 76 |
| 4 | Benzene, 1-(1-methylethenyl)-3-(... | 160 | C12H16 | 001129-29-9 | 53 |
| 5 | Benzene, 1,3,5-trimethyl-2-(1-me... | 160 | C12H16 | 014679-13-1 | 50 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031023\
Data File : VN076946.D
Acq On : 11 Mar 2023 00:04
Operator : JC\MD
Sample : 01854-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
33952

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.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... | 13.101 | 11.9 | ug/l | 521350 | 4 | 13.795 | 2185460 | 50.0 |
| Benzene, 1-ethy... | 13.342 | 10.5 | ug/l | 459924 | 4 | 13.795 | 2185460 | 50.0 |
| 1-Hexanol, 2-et... | 13.877 | 5.4 | ug/l | 236273 | 4 | 13.795 | 2185460 | 50.0 |
| Indane | 13.995 | 13.5 | ug/l | 591643 | 4 | 13.795 | 2185460 | 50.0 |
| 1H-Indene, 2,3-... | 15.054 | 12.7 | ug/l | 555748 | 4 | 13.795 | 2185460 | 50.0 |
| Benzene, 1-ethy... | 15.324 | 7.8 | ug/l | 340134 | 4 | 13.795 | 2185460 | 50.0 |
| 1(2H)-Naphthale... | 16.171 | 8.1 | ug/l | 352843 | 4 | 13.795 | 2185460 | 50.0 |
| Benzene, (1-met... | 16.348 | 5.3 | ug/l | 233602 | 4 | 13.795 | 2185460 | 50.0 |
| Naphthalene, 1,... | 16.501 | 8.9 | ug/l | 388217 | 4 | 13.795 | 2185460 | 50.0 |
| Naphthalene, 1,... | 16.718 | 5.9 | ug/l | 256407 | 4 | 13.795 | 2185460 | 50.0 |