LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031323\
Data File : VN076959.D
Acq On : 13 Mar 2023 14:07
Operator : JC\MD
Sample : 01854-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 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: VN076959.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.525 | 96 | 100 | 108 | rVB | 18314 | 32880 | 1.34% | 0.127% |
| 2 | 3.807 | 310 | 318 | 325 | rBV | 27916 | 74912 | 3.06% | 0.290% |
| 3 | 4.454 | 420 | 428 | 437 | rBV2 | 12023 | 35812 | 1.46% | 0.139% |
| 4 | 5.813 | 647 | 659 | 671 | rBV2 | 19987 | 73019 | 2.99% | 0.283% |
| 5 | 8.172 | 1049 | 1060 | 1065 | rBV | 317848 | 760208 | 31.08% | 2.946% |
| 6 | 8.231 | 1065 | 1070 | 1081 | rVB | 637835 | 1410164 | 57.66% | 5.464% |
| 7 | 8.589 | 1121 | 1131 | 1146 | rBV2 | 361757 | 1092348 | 44.66% | 4.233% |
| 8 | 9.107 | 1209 | 1219 | 1237 | rBV | 849857 | 1757063 | 71.84% | 6.808% |
| 9 | 10.572 | 1459 | 1468 | 1473 | rBV | 1232241 | 2279534 | 93.20% | 8.833% |
| 10 | 10.630 | 1473 | 1478 | 1493 | rVB | 878328 | 1667087 | 68.16% | 6.460% |
| 11 | 11.866 | 1680 | 1688 | 1699 | rBV | 1084252 | 1965862 | 80.38% | 7.617% |
| 12 | 11.966 | 1699 | 1705 | 1713 | rVB | 74143 | 126162 | 5.16% | 0.489% |
| 13 | 12.072 | 1713 | 1723 | 1734 | rBV | 742717 | 1441924 | 58.95% | 5.587% |
| 14 | 12.401 | 1769 | 1779 | 1788 | rBV | 792967 | 1348501 | 55.13% | 5.225% |
| 15 | 12.848 | 1848 | 1855 | 1865 | rBV | 861361 | 1507842 | 61.65% | 5.843% |
| 16 | 13.101 | 1891 | 1898 | 1901 | rBV | 276687 | 456151 | 18.65% | 1.767% |
| 17 | 13.130 | 1901 | 1903 | 1907 | rVV | 153208 | 230419 | 9.42% | 0.893% |
| 18 | 13.177 | 1907 | 1911 | 1917 | rVB | 214786 | 335992 | 13.74% | 1.302% |
| 19 | 13.336 | 1931 | 1938 | 1948 | rVB | 191064 | 329944 | 13.49% | 1.278% |
| 20 | 13.483 | 1956 | 1963 | 1970 | rBV | 477304 | 786519 | 32.16% | 3.048% |
| 21 | 13.671 | 1991 | 1995 | 2001 | rBV2 | 22640 | 37417 | 1.53% | 0.145% |
| 22 | 13.795 | 2008 | 2016 | 2027 | rBV2 | 1077144 | 2445829 | 100.00% | 9.477% |
| 23 | 13.871 | 2027 | 2029 | 2035 | rVB5 | 19176 | 31915 | 1.30% | 0.124% |
| 24 | 13.954 | 2038 | 2043 | 2045 | rBV2 | 39762 | 61541 | 2.52% | 0.238% |
| 25 | 13.995 | 2045 | 2050 | 2066 | rVB3 | 207674 | 634603 | 25.95% | 2.459% |
| 26 | 14.119 | 2066 | 2071 | 2076 | rBV7 | 16877 | 27279 | 1.12% | 0.106% |
| 27 | 14.189 | 2076 | 2083 | 2088 | rBV3 | 42364 | 73228 | 2.99% | 0.284% |
| 28 | 14.248 | 2088 | 2093 | 2095 | rBV2 | 60330 | 103657 | 4.24% | 0.402% |
| 29 | 14.277 | 2095 | 2098 | 2102 | rVV | 68323 | 99933 | 4.09% | 0.387% |
| 30 | 14.336 | 2102 | 2108 | 2114 | rVV | 152355 | 246364 | 10.07% | 0.955% |
| 31 | 14.401 | 2114 | 2119 | 2122 | rVV2 | 27914 | 52389 | 2.14% | 0.203% |
| 32 | 14.448 | 2122 | 2127 | 2136 | rVB2 | 100893 | 178269 | 7.29% | 0.691% |
| 33 | 14.577 | 2143 | 2149 | 2156 | rBV | 63015 | 112083 | 4.58% | 0.434% |
| 34 | 14.660 | 2156 | 2163 | 2166 | rVV | 112231 | 200180 | 8.18% | 0.776% |
| 35 | 14.695 | 2166 | 2169 | 2174 | rVV | 173455 | 258456 | 10.57% | 1.001% |
| 36 | 14.736 | 2174 | 2176 | 2180 | rVV3 | 27399 | 34309 | 1.40% | 0.133% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031323\
Data File : VN076959.D
Acq On : 13 Mar 2023 14:07
Operator : JC\MD
Sample : 01854-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 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 | 14.883 | 2194 | 2201 | 2204 | rBV5 | 19405 | 36809 | 1.50% | 0.143% |
| 38 | 14.930 | 2204 | 2209 | 2214 | rBV2 | 101094 | 180551 | 7.38% | 0.700% |
| 39 | 15.054 | 2221 | 2230 | 2236 | rBV3 | 246508 | 609213 | 24.91% | 2.361% |
| 40 | 15.118 | 2236 | 2241 | 2250 | rVB3 | 41946 | 92748 | 3.79% | 0.359% |
| 41 | 15.213 | 2250 | 2257 | 2264 | rBV2 | 122261 | 219239 | 8.96% | 0.850% |
| 42 | 15.324 | 2265 | 2276 | 2282 | rBV3 | 92247 | 256330 | 10.48% | 0.993% |
| 43 | 15.442 | 2288 | 2296 | 2305 | rVB3 | 94857 | 242276 | 9.91% | 0.939% |
| 44 | 15.642 | 2316 | 2330 | 2335 | rBV | 69654 | 170620 | 6.98% | 0.661% |
| 45 | 15.701 | 2335 | 2340 | 2345 | rBV3 | 45886 | 75967 | 3.11% | 0.294% |
| 46 | 15.754 | 2345 | 2349 | 2352 | rBV6 | 28729 | 51115 | 2.09% | 0.198% |
| 47 | 15.948 | 2374 | 2382 | 2390 | rBV3 | 69854 | 160235 | 6.55% | 0.621% |
| 48 | 16.124 | 2402 | 2412 | 2415 | rBV5 | 61185 | 150401 | 6.15% | 0.583% |
| 49 | 16.171 | 2415 | 2420 | 2429 | rVV2 | 145931 | 331666 | 13.56% | 1.285% |
| 50 | 16.260 | 2430 | 2435 | 2440 | rVV2 | 39781 | 76966 | 3.15% | 0.298% |
| 51 | 16.348 | 2440 | 2450 | 2464 | rVB5 | 66975 | 245282 | 10.03% | 0.950% |
| 52 | 16.507 | 2464 | 2477 | 2488 | rBV3 | 124832 | 347611 | 14.21% | 1.347% |
| 53 | 16.712 | 2500 | 2512 | 2519 | rBV5 | 87825 | 250940 | 10.26% | 0.972% |

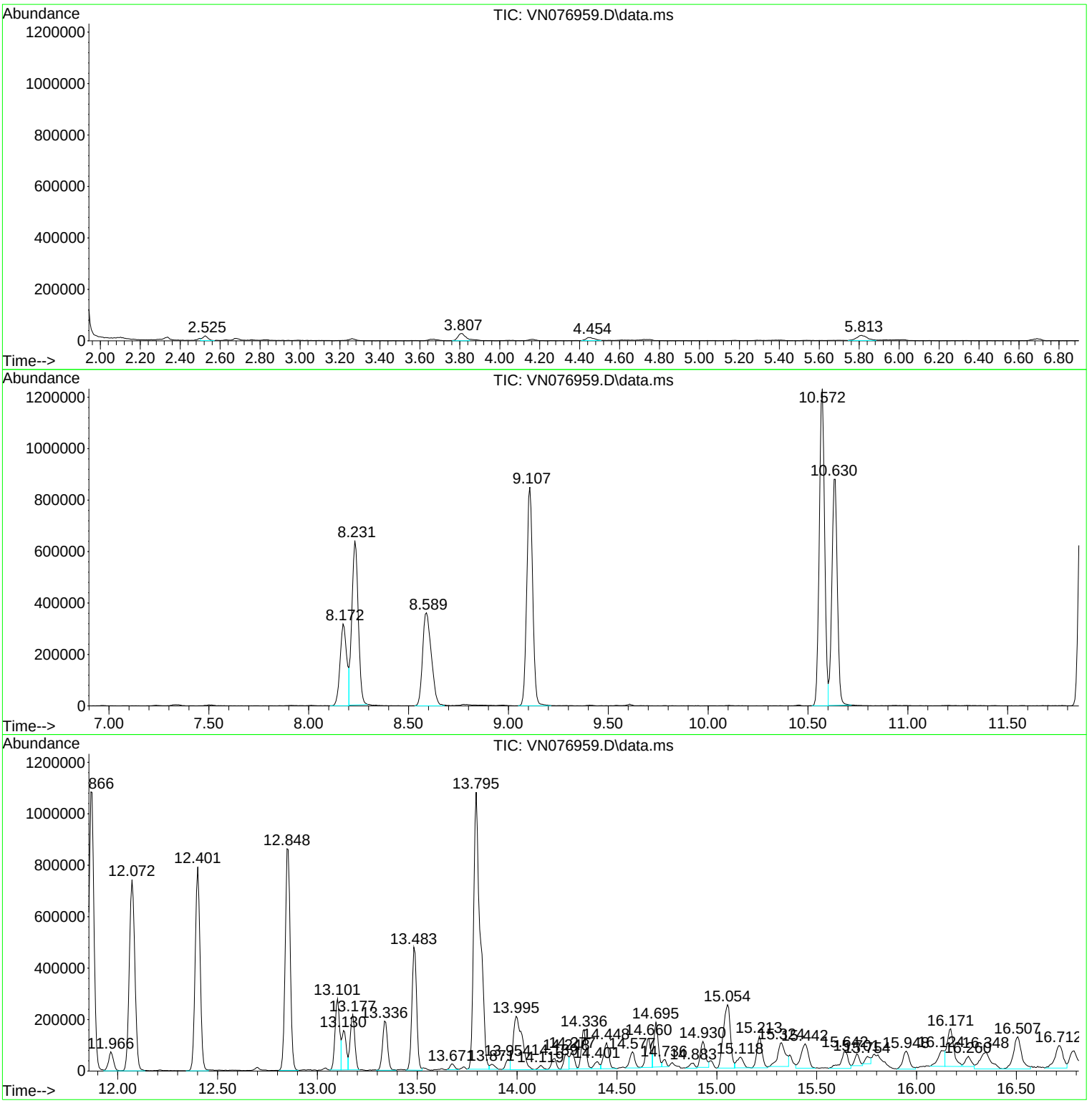
Sum of corrected areas: 25807764

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031323\
Data File : VN076959.D
Acq On : 13 Mar 2023 14:07
Operator : JC\MD
Sample : 01854-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 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\VN031323\
Data File : VN076959.D
Acq On : 13 Mar 2023 14:07
Operator : JC\MD
Sample : 01854-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

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

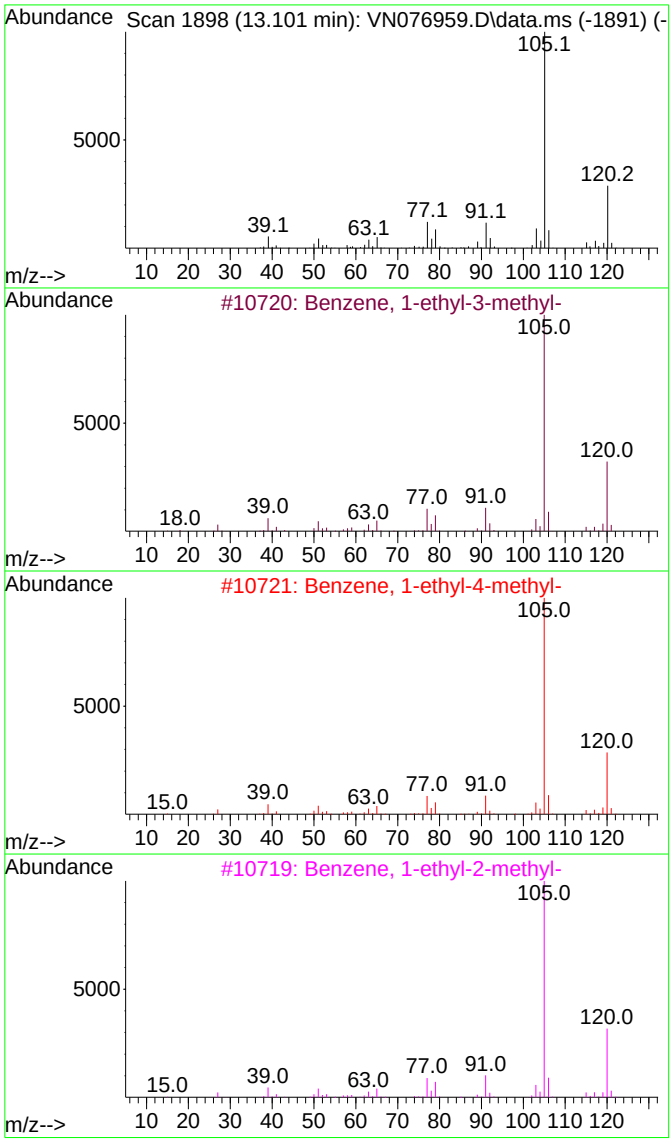
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
Quant Title : SW846 8260

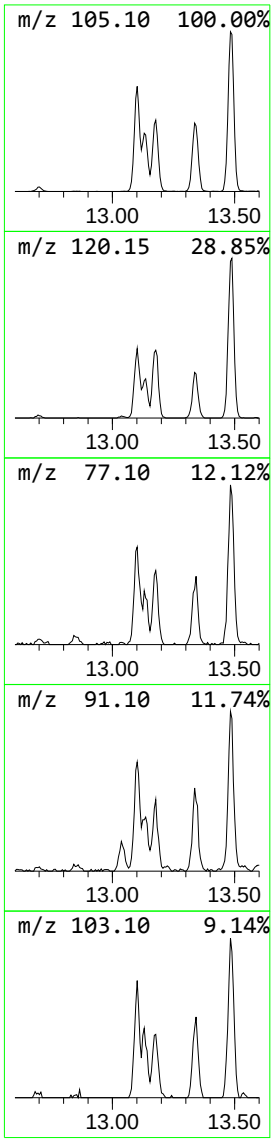
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.101 | 9.33 ug/l | 456151 | 1,4-Dichlorobenzene-d4 | 13.795 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 91 |
| 2 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 91 |
| 3 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 91 |
| 4 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |
| 5 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031323\
Data File : VN076959.D
Acq On : 13 Mar 2023 14:07
Operator : JC\MD
Sample : 01854-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

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

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

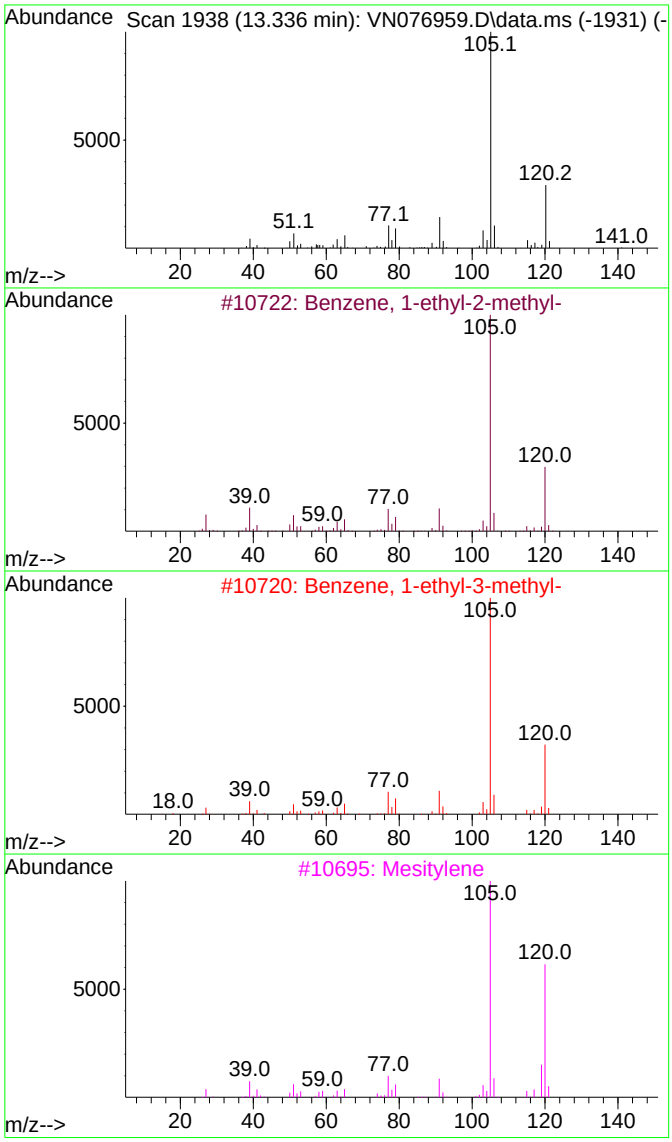
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

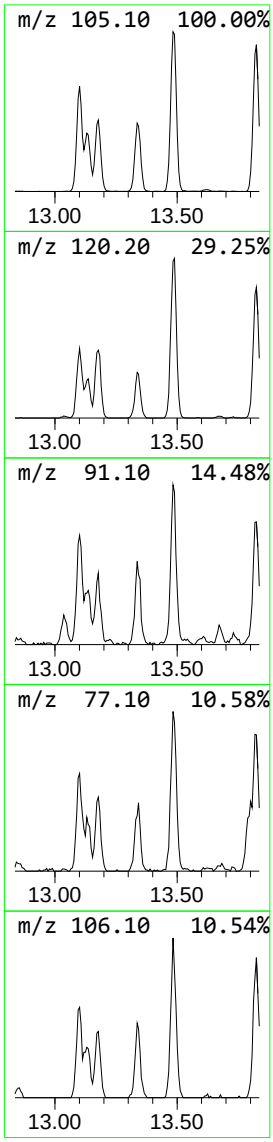
**********

Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.336 | 6.75 ug/l | 329944 | 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 | 95 |
| 2 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 94 |
| 3 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |
| 4 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 91 |
| 5 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031323\
Data File : VN076959.D
Acq On : 13 Mar 2023 14:07
Operator : JC\MD
Sample : 01854-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

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

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

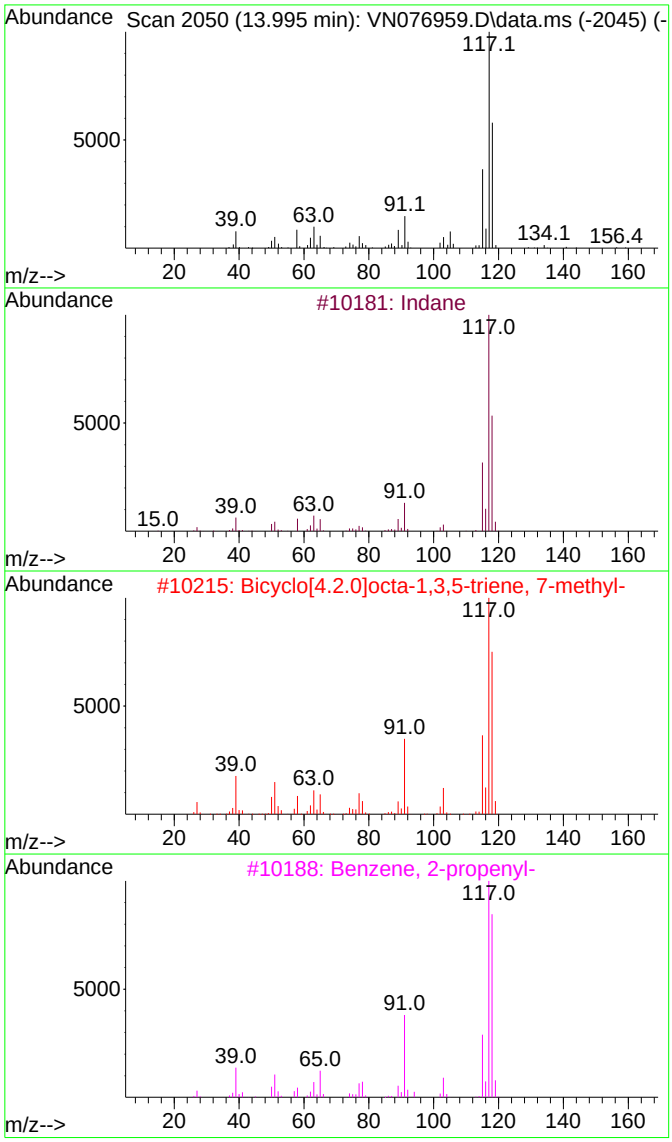
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

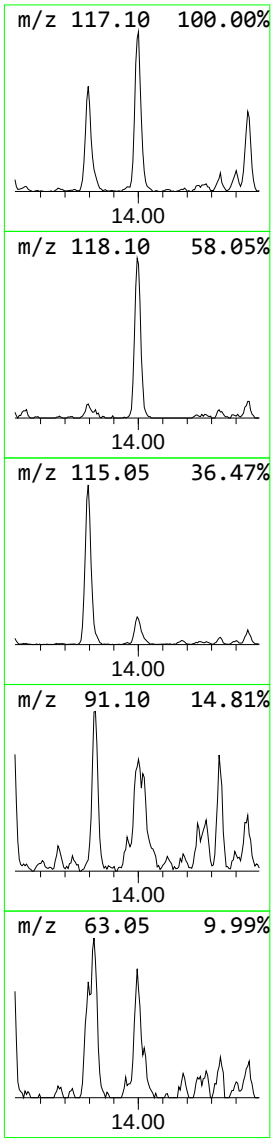
**********

Peak Number 3 Indane Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.995 | 12.97 ug/l | 634603 | 1,4-Dichlorobenzene-d4 | 13.795 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indane | 118 | C9H10 | 000496-11-7 | 91 |
| 2 | Bicyclo[4.2.0]octa-1,3,5-triene,... | 118 | C9H10 | 055337-80-9 | 72 |
| 3 | Benzene, 2-propenyl- | 118 | C9H10 | 000300-57-2 | 64 |
| 4 | Benzene, 1-(chloromethyl)-3-ethe... | 152 | C9H9Cl | 039833-65-3 | 59 |
| 5 | Tetracyclo[3.3.1.0(2,8).0(4,6)]-... | 118 | C9H10 | 1000191-13-7 | 59 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031323\
Data File : VN076959.D
Acq On : 13 Mar 2023 14:07
Operator : JC\MD
Sample : 01854-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

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

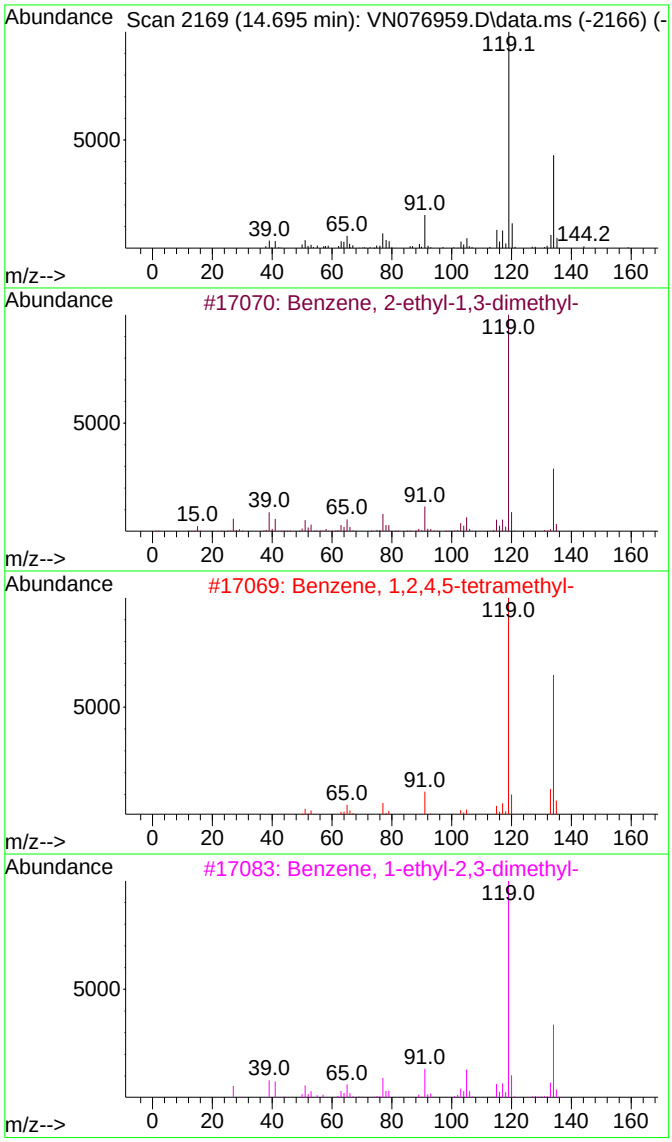
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
Quant Title : SW846 8260

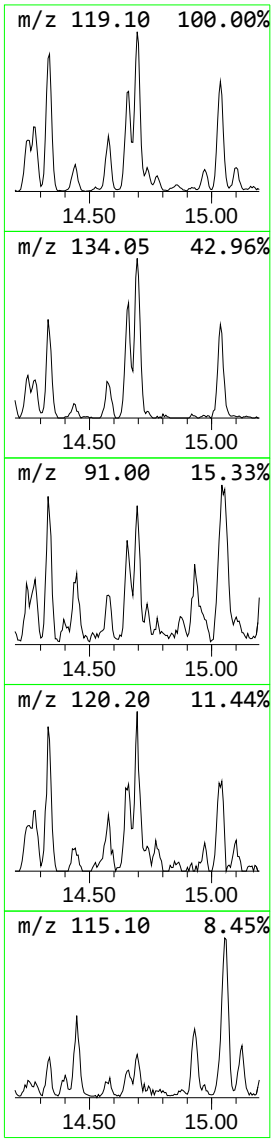
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.695 | 5.28 ug/l | 258456 | 1,4-Dichlorobenzene-d4 | 13.795 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 94 |
| 2 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 94 |
| 3 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 91 |
| 4 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 91 |
| 5 | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14 | 000934-74-7 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031323\
Data File : VN076959.D
Acq On : 13 Mar 2023 14:07
Operator : JC\MD
Sample : 01854-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

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

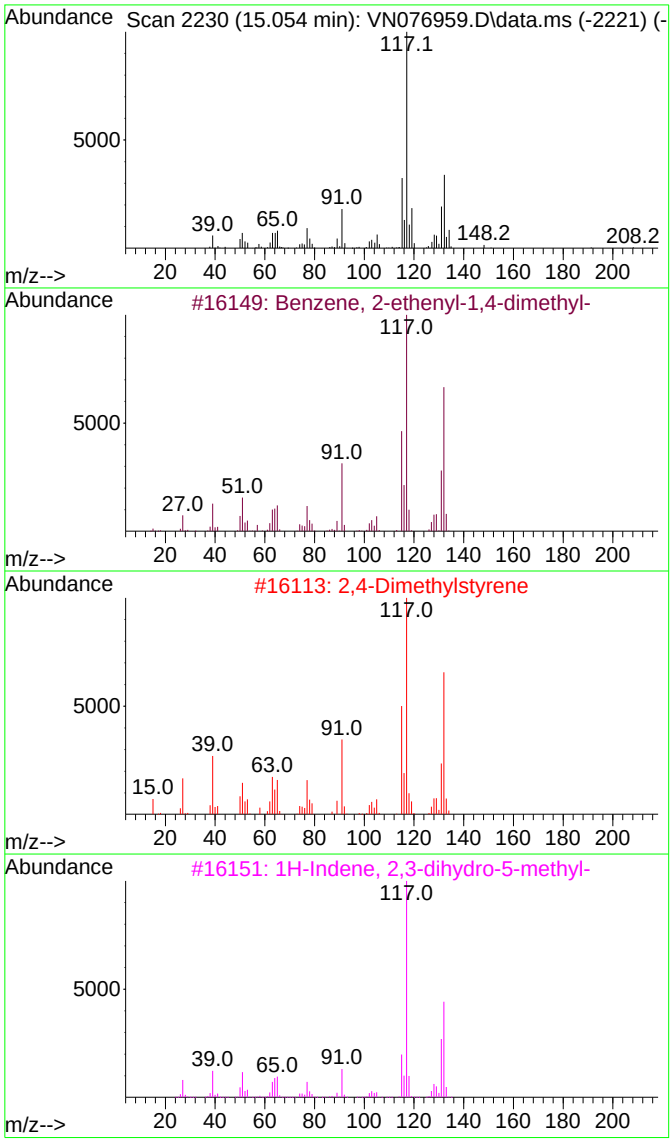
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
Quant Title : SW846 8260

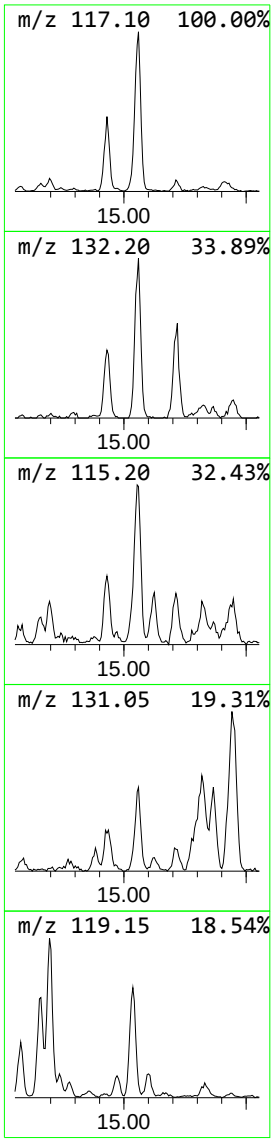
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.054 | 12.45 ug/l | 609213 | 1,4-Dichlorobenzene-d4 | 13.795 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12 | 002039-89-6 | 96 |
| 2 | 2,4-Dimethylstyrene | 132 | C10H12 | 002234-20-0 | 92 |
| 3 | 1H-Indene, 2,3-dihydro-5-methyl- | 132 | C10H12 | 000874-35-1 | 91 |
| 4 | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12 | 000824-22-6 | 90 |
| 5 | 3-Phenylbut-1-ene | 132 | C10H12 | 000934-10-1 | 90 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031323\
Data File : VN076959.D
Acq On : 13 Mar 2023 14:07
Operator : JC\MD
Sample : 01854-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

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

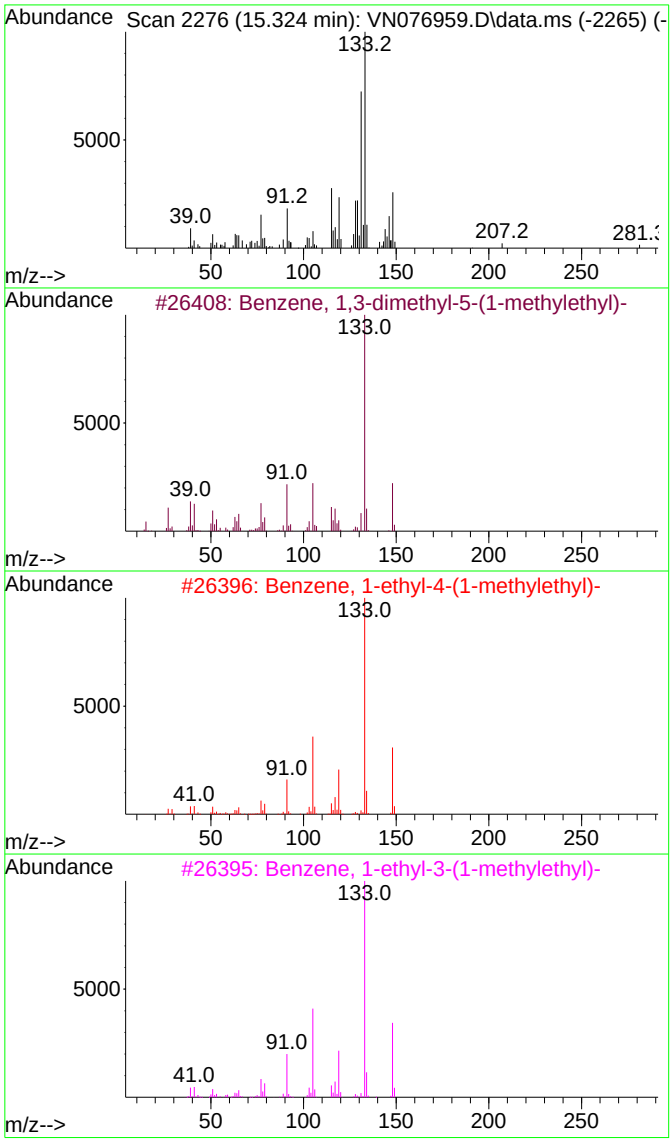
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
Quant Title : SW846 8260

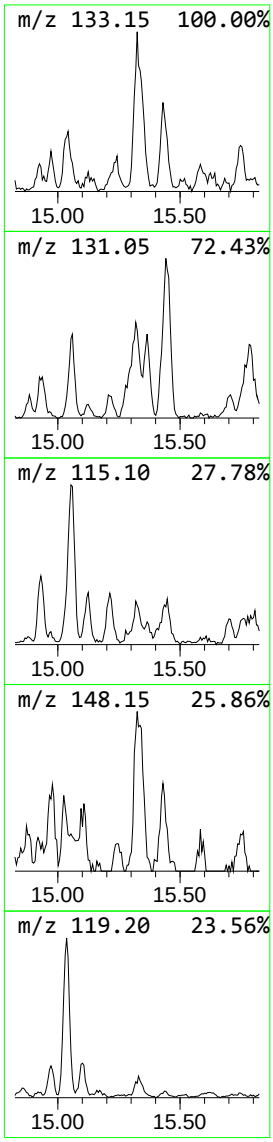
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Benzene, 1,3-dimethyl-5-(1-... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.324 | 5.24 ug/l | 256330 | 1,4-Dichlorobenzene-d4 | 13.795 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,3-dimethyl-5-(1-methy... | 148 | C11H16 | 004706-90-5 | 55 |
| 2 | Benzene, 1-ethyl-4-(1-methylethyl)- | 148 | C11H16 | 004218-48-8 | 53 |
| 3 | Benzene, 1-ethyl-3-(1-methylethyl)- | 148 | C11H16 | 004920-99-4 | 49 |
| 4 | Benzene, pentamethyl- | 148 | C11H16 | 000700-12-9 | 49 |
| 5 | 1,5,6,7-Tetramethylbicyclo[3.2.0... | 148 | C11H16 | 134329-46-7 | 46 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031323\
Data File : VN076959.D
Acq On : 13 Mar 2023 14:07
Operator : JC\MD
Sample : 01854-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

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

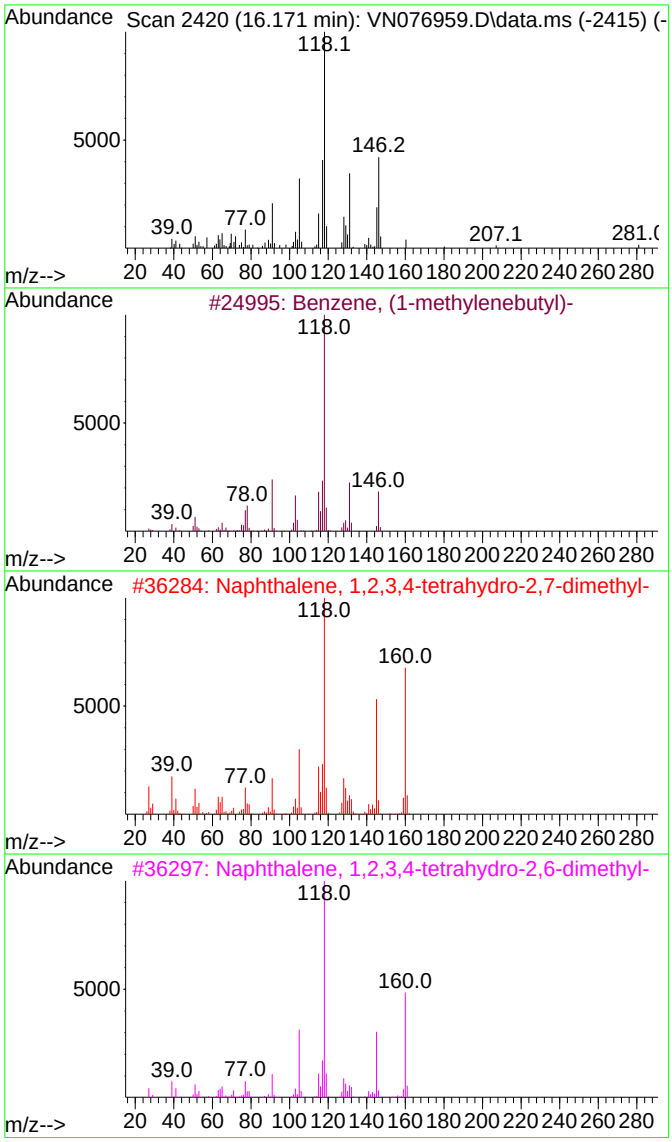
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
Quant Title : SW846 8260

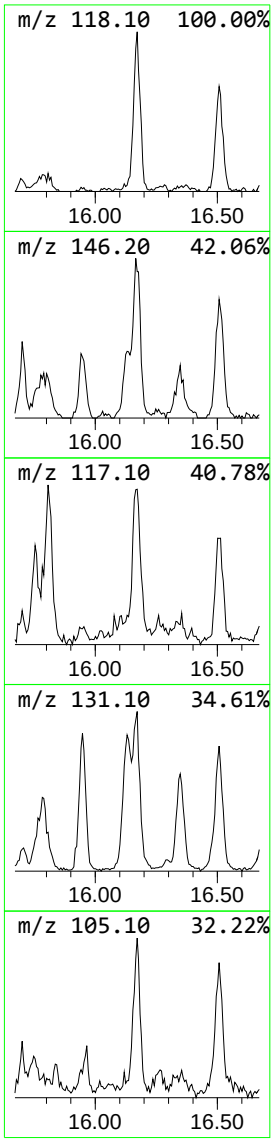
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Benzene, (1-methylenebutyl)- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.171 | 6.78 ug/l | 331666 | 1,4-Dichlorobenzene-d4 | 13.795 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (1-methylenebutyl)- | 146 | C11H14 | 005676-32-4 | 70 |
| 2 | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16 | 013065-07-1 | 47 |
| 3 | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16 | 007524-63-2 | 47 |
| 4 | Fumaric acid, ethyl 3-phenylprop... | 262 | C15H18O4 | 1000339-32-3 | 43 |
| 5 | 3-Fluorobenzoic acid, 3-phenylpr... | 258 | C16H15FO2 | 1000279-05-0 | 43 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031323\
Data File : VN076959.D
Acq On : 13 Mar 2023 14:07
Operator : JC\MD
Sample : 01854-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

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

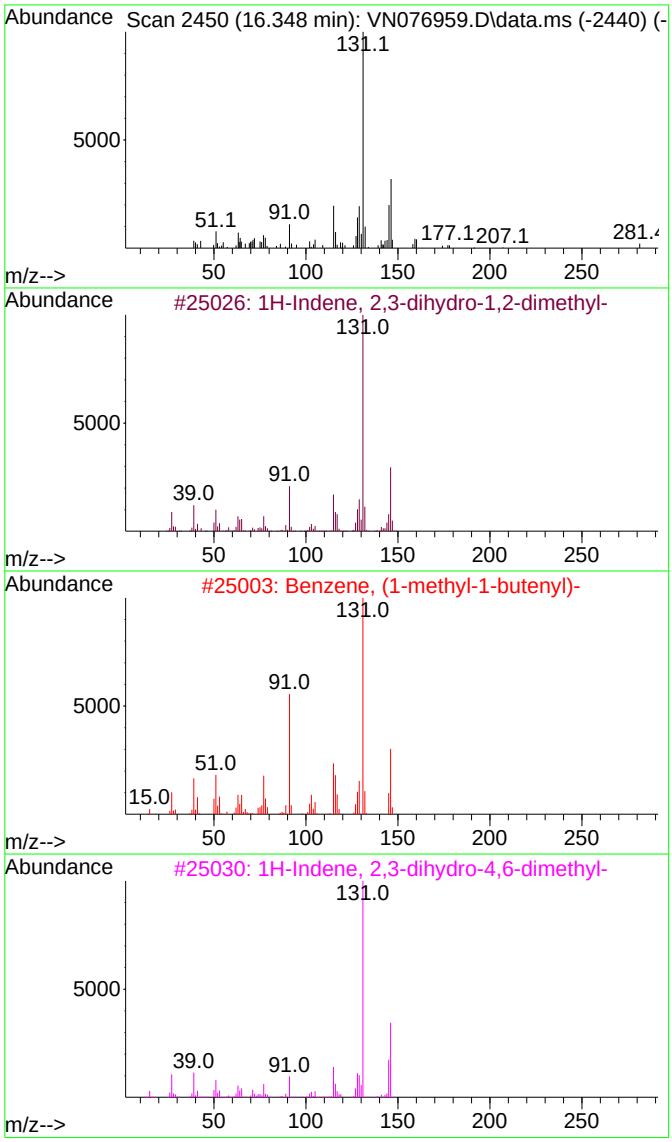
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
Quant Title : SW846 8260

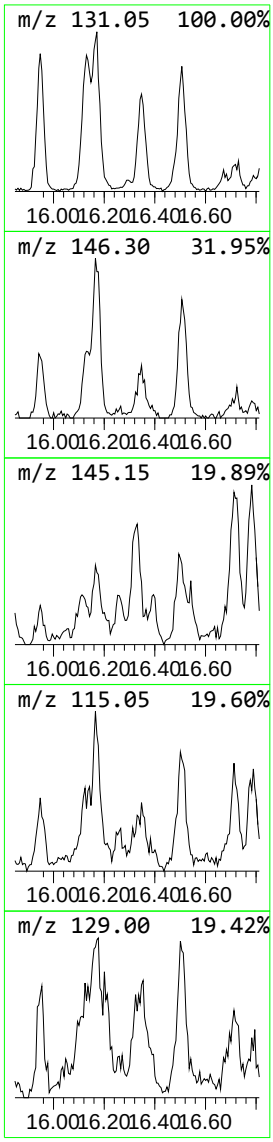
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.348 | 5.01 ug/l | 245282 | 1,4-Dichlorobenzene-d4 | 13.795 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2,3-dihydro-1,2-dimet... | 146 | C11H14 | 017057-82-8 | 90 |
| 2 | Benzene, (1-methyl-1-butenyl)- | 146 | C11H14 | 053172-84-2 | 83 |
| 3 | 1H-Indene, 2,3-dihydro-4,6-dimet... | 146 | C11H14 | 001685-82-1 | 76 |
| 4 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 76 |
| 5 | Benzene, (3-methyl-2-butenyl)- | 146 | C11H14 | 004489-84-3 | 76 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031323\
Data File : VN076959.D
Acq On : 13 Mar 2023 14:07
Operator : JC\MD
Sample : 01854-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

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

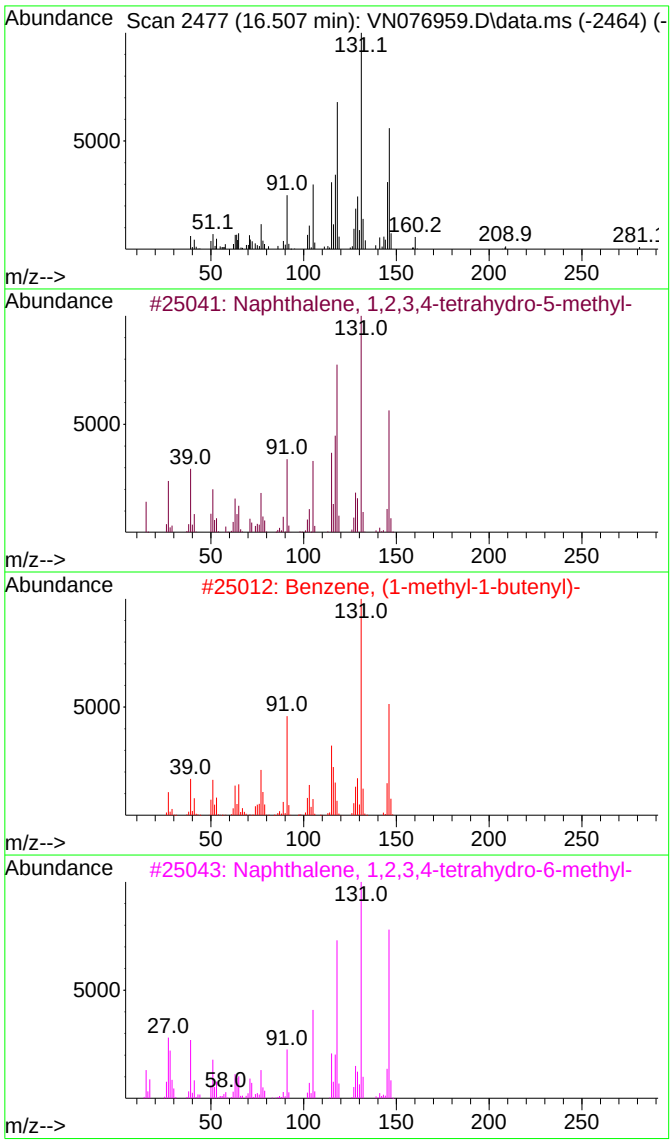
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
Quant Title : SW846 8260

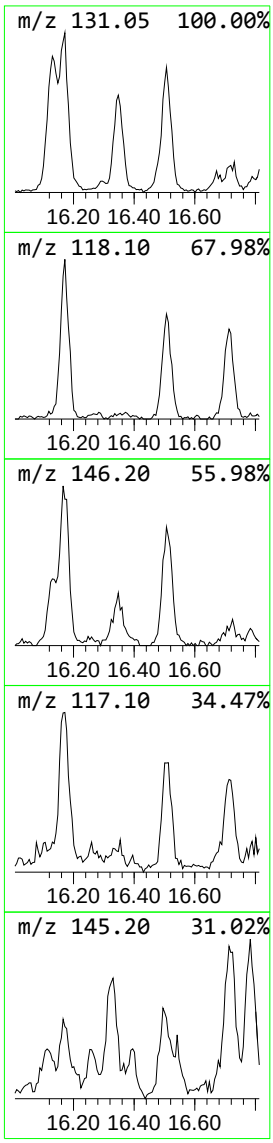
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.507 | 7.11 ug/l | 347611 | 1,4-Dichlorobenzene-d4 | 13.795 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 002809-64-5 | 91 |
| 2 | Benzene, (1-methyl-1-butenyl)- | 146 | C11H14 | 053172-84-2 | 76 |
| 3 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 001680-51-9 | 74 |
| 4 | 1H-1,3,2-Benzodiazaborole, 2-eth... | 146 | C8H11BN2 | 074663-81-3 | 72 |
| 5 | 2-Propyn-1-ol, 3-(4-methylphenyl)- | 146 | C10H10O | 016017-24-6 | 72 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031323\
Data File : VN076959.D
Acq On : 13 Mar 2023 14:07
Operator : JC\MD
Sample : 01854-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

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

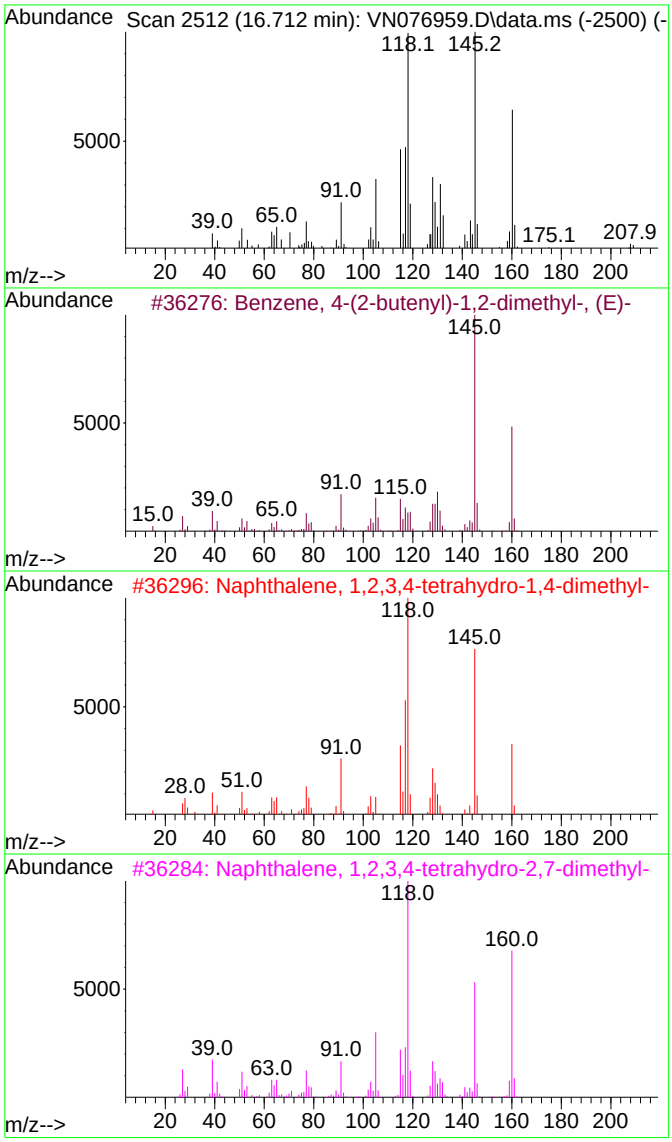
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
Quant Title : SW846 8260

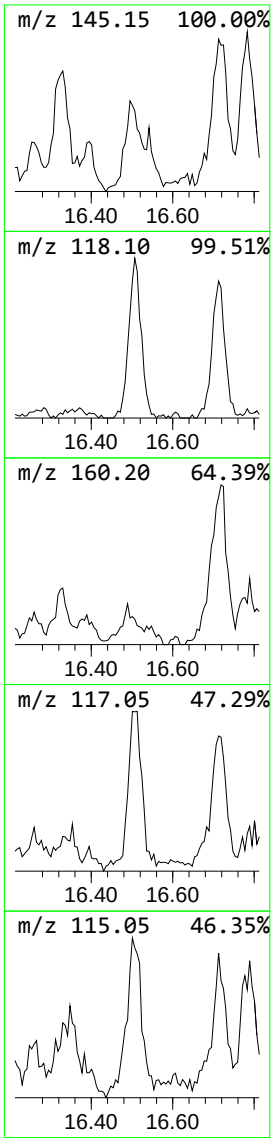
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Benzene, 4-(2-butenyl)-1,2-... Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.712 | 5.13 ug/l | 250940 | 1,4-Dichlorobenzene-d4 | 13.795 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 4-(2-butenyl)-1,2-dimet... | 160 | C12H16 | 054340-86-2 | 83 |
| 2 | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16 | 004175-54-6 | 74 |
| 3 | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16 | 013065-07-1 | 74 |
| 4 | Benzene, 1,2,4-trimethyl-5-(1-me... | 160 | C12H16 | 054340-84-0 | 64 |
| 5 | Benzene, 1,3,5-trimethyl-2-(1-me... | 160 | C12H16 | 014679-13-1 | 55 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031323\
Data File : VN076959.D
Acq On : 13 Mar 2023 14:07
Operator : JC\MD
Sample : 01854-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 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 | 9.3 | ug/l | 456151 | 4 | 13.795 | 2445830 | 50.0 |
| Benzene, 1-ethy... | 13.336 | 6.8 | ug/l | 329944 | 4 | 13.795 | 2445830 | 50.0 |
| Indane | 13.995 | 13.0 | ug/l | 634603 | 4 | 13.795 | 2445830 | 50.0 |
| Benzene, 2-ethy... | 14.695 | 5.3 | ug/l | 258456 | 4 | 13.795 | 2445830 | 50.0 |
| Benzene, 2-ethe... | 15.054 | 12.4 | ug/l | 609213 | 4 | 13.795 | 2445830 | 50.0 |
| Benzene, 1,3-di... | 15.324 | 5.2 | ug/l | 256330 | 4 | 13.795 | 2445830 | 50.0 |
| Benzene, (1-met... | 16.171 | 6.8 | ug/l | 331666 | 4 | 13.795 | 2445830 | 50.0 |
| 1H-Indene, 2,3-... | 16.348 | 5.0 | ug/l | 245282 | 4 | 13.795 | 2445830 | 50.0 |
| Naphthalene, 1,... | 16.507 | 7.1 | ug/l | 347611 | 4 | 13.795 | 2445830 | 50.0 |
| Benzene, 4-(2-b... | 16.712 | 5.1 | ug/l | 250940 | 4 | 13.795 | 2445830 | 50.0 |