

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN051022\  
 Data File : VN072403.D  
 Acq On : 10 May 2022 19:51  
 Operator : JC\MD  
 Sample : N2754-01RE  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 40828RE

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\82N051022W.M  
 Title : SW846 8260

Signal : TIC: VN072403.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 2.240       | 36            | 43          | 49           | rBV4     | 20800          | 52135         | 3.16%           | 0.385%        |
| 2         | 3.681       | 280           | 288         | 295          | rBV2     | 8412           | 22615         | 1.37%           | 0.167%        |
| 3         | 4.292       | 380           | 392         | 407          | rBV2     | 17350          | 54978         | 3.34%           | 0.406%        |
| 4         | 4.581       | 428           | 441         | 448          | rBV3     | 9830           | 33790         | 2.05%           | 0.249%        |
| 5         | 5.075       | 515           | 525         | 527          | rBV3     | 8230           | 16788         | 1.02%           | 0.124%        |
| 6         | 5.151       | 528           | 538         | 550          | rVB5     | 17683          | 67283         | 4.08%           | 0.496%        |
| 7         | 5.622       | 606           | 618         | 628          | rBV3     | 14562          | 48349         | 2.93%           | 0.357%        |
| 8         | 6.116       | 694           | 702         | 713          | rVB3     | 5794           | 16750         | 1.02%           | 0.124%        |
| 9         | 7.145       | 867           | 877         | 885          | rVV4     | 17244          | 45855         | 2.78%           | 0.338%        |
| 10        | 8.022       | 1015          | 1026        | 1030         | rBV2     | 191213         | 453019        | 27.49%          | 3.342%        |
| 11        | 8.080       | 1030          | 1036        | 1046         | rVV      | 366615         | 852012        | 51.71%          | 6.285%        |
| 12        | 8.175       | 1046          | 1052        | 1062         | rVB8     | 14617          | 37753         | 2.29%           | 0.279%        |
| 13        | 8.292       | 1062          | 1072        | 1079         | rBV3     | 20793          | 46342         | 2.81%           | 0.342%        |
| 14        | 8.433       | 1088          | 1096        | 1106         | rBV      | 199941         | 464624        | 28.20%          | 3.428%        |
| 15        | 8.639       | 1125          | 1131        | 1137         | rVB7     | 13440          | 30153         | 1.83%           | 0.222%        |
| 16        | 8.704       | 1137          | 1142        | 1152         | rVB4     | 13876          | 35137         | 2.13%           | 0.259%        |
| 17        | 8.827       | 1152          | 1163        | 1174         | rVB6     | 12947          | 34858         | 2.12%           | 0.257%        |
| 18        | 8.963       | 1177          | 1186        | 1198         | rBV      | 542579         | 1122723       | 68.13%          | 8.283%        |
| 19        | 9.239       | 1229          | 1233        | 1245         | rVB9     | 7435           | 21162         | 1.28%           | 0.156%        |
| 20        | 9.457       | 1255          | 1270        | 1276         | rBV3     | 70300          | 185484        | 11.26%          | 1.368%        |
| 21        | 9.633       | 1294          | 1300        | 1308         | rVV4     | 8082           | 16608         | 1.01%           | 0.123%        |
| 22        | 9.722       | 1308          | 1315        | 1323         | rVB7     | 8201           | 20265         | 1.23%           | 0.149%        |
| 23        | 9.969       | 1352          | 1357        | 1362         | rBV3     | 22774          | 42803         | 2.60%           | 0.316%        |
| 24        | 10.074      | 1371          | 1375        | 1379         | rVV2     | 11162          | 22110         | 1.34%           | 0.163%        |
| 25        | 10.116      | 1379          | 1382        | 1389         | rVB6     | 9538           | 19696         | 1.20%           | 0.145%        |
| 26        | 10.222      | 1389          | 1400        | 1410         | rBV7     | 15699          | 51297         | 3.11%           | 0.378%        |
| 27        | 10.322      | 1410          | 1417        | 1429         | rVB8     | 16943          | 42634         | 2.59%           | 0.315%        |
| 28        | 10.439      | 1429          | 1437        | 1451         | rBV      | 858941         | 1624128       | 98.56%          | 11.982%       |
| 29        | 10.539      | 1451          | 1454        | 1461         | rVV7     | 8233           | 19177         | 1.16%           | 0.141%        |
| 30        | 10.621      | 1461          | 1468        | 1474         | rVB8     | 15737          | 41312         | 2.51%           | 0.305%        |
| 31        | 10.686      | 1474          | 1479        | 1484         | rBV3     | 11377          | 17060         | 1.04%           | 0.126%        |
| 32        | 10.857      | 1501          | 1508        | 1516         | rBV5     | 27572          | 63892         | 3.88%           | 0.471%        |
| 33        | 11.621      | 1632          | 1638        | 1646         | rBV7     | 9541           | 21723         | 1.32%           | 0.160%        |
| 34        | 11.739      | 1649          | 1658        | 1670         | rBV      | 915514         | 1604417       | 97.37%          | 11.836%       |
| 35        | 11.845      | 1670          | 1676        | 1683         | rVV5     | 18734          | 40074         | 2.43%           | 0.296%        |
| 36        | 11.951      | 1683          | 1694        | 1703         | rVB2     | 56024          | 129361        | 7.85%           | 0.954%        |

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 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 40828RE

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\82N051022W.M  
 Title : SW846 8260

|    |        |      |      |      |      |        |         |         |         |
|----|--------|------|------|------|------|--------|---------|---------|---------|
| 37 | 12.051 | 1706 | 1711 | 1716 | rBV7 | 9662   | 20612   | 1.25%   | 0.152%  |
| 38 | 12.274 | 1739 | 1749 | 1755 | rBV7 | 9117   | 25016   | 1.52%   | 0.185%  |
| 39 | 12.727 | 1819 | 1826 | 1835 | rBV  | 734854 | 1232325 | 74.78%  | 9.091%  |
| 40 | 13.010 | 1870 | 1874 | 1877 | rVV  | 30357  | 50413   | 3.06%   | 0.372%  |
| 41 | 13.057 | 1877 | 1882 | 1887 | rVB  | 95556  | 159915  | 9.70%   | 1.180%  |
| 42 | 13.215 | 1901 | 1909 | 1918 | rBV  | 98703  | 164575  | 9.99%   | 1.214%  |
| 43 | 13.362 | 1928 | 1934 | 1940 | rVB2 | 32034  | 54323   | 3.30%   | 0.401%  |
| 44 | 13.668 | 1979 | 1986 | 2000 | rBV2 | 839546 | 1647832 | 100.00% | 12.156% |
| 45 | 13.833 | 2009 | 2014 | 2016 | rVV  | 31731  | 46104   | 2.80%   | 0.340%  |
| 46 | 13.868 | 2016 | 2020 | 2036 | rVB2 | 210529 | 497964  | 30.22%  | 3.674%  |
| 47 | 13.998 | 2036 | 2042 | 2048 | rBV7 | 13060  | 22659   | 1.38%   | 0.167%  |
| 48 | 14.062 | 2048 | 2053 | 2058 | rBV3 | 23718  | 40848   | 2.48%   | 0.301%  |
| 49 | 14.121 | 2059 | 2063 | 2073 | rVB3 | 18385  | 38015   | 2.31%   | 0.280%  |
| 50 | 14.215 | 2073 | 2079 | 2084 | rBV  | 89803  | 147407  | 8.95%   | 1.087%  |
| 51 | 14.274 | 2085 | 2089 | 2092 | rVV  | 23889  | 37028   | 2.25%   | 0.273%  |
| 52 | 14.321 | 2092 | 2097 | 2103 | rVB2 | 118012 | 196439  | 11.92%  | 1.449%  |
| 53 | 14.457 | 2115 | 2120 | 2125 | rBV2 | 26276  | 39656   | 2.41%   | 0.293%  |
| 54 | 14.533 | 2125 | 2133 | 2137 | rBV  | 76503  | 135771  | 8.24%   | 1.002%  |
| 55 | 14.574 | 2137 | 2140 | 2144 | rVV2 | 32017  | 48451   | 2.94%   | 0.357%  |
| 56 | 14.615 | 2144 | 2147 | 2150 | rVV3 | 24251  | 36098   | 2.19%   | 0.266%  |
| 57 | 14.657 | 2150 | 2154 | 2162 | rVB5 | 17765  | 34530   | 2.10%   | 0.255%  |
| 58 | 14.757 | 2162 | 2171 | 2174 | rBV6 | 18513  | 36283   | 2.20%   | 0.268%  |
| 59 | 14.804 | 2174 | 2179 | 2184 | rVV3 | 56870  | 104800  | 6.36%   | 0.773%  |
| 60 | 14.845 | 2184 | 2186 | 2191 | rVV3 | 13448  | 19659   | 1.19%   | 0.145%  |
| 61 | 14.927 | 2191 | 2200 | 2205 | rVV3 | 183513 | 389378  | 23.63%  | 2.873%  |
| 62 | 14.992 | 2205 | 2211 | 2218 | rVV6 | 33323  | 76049   | 4.62%   | 0.561%  |
| 63 | 15.080 | 2221 | 2226 | 2232 | rVV4 | 29843  | 52898   | 3.21%   | 0.390%  |
| 64 | 15.192 | 2234 | 2245 | 2249 | rVV3 | 68454  | 174812  | 10.61%  | 1.290%  |
| 65 | 15.227 | 2249 | 2251 | 2257 | rVV2 | 36225  | 62998   | 3.82%   | 0.465%  |
| 66 | 15.309 | 2258 | 2265 | 2273 | rVB2 | 64060  | 150751  | 9.15%   | 1.112%  |
| 67 | 15.456 | 2285 | 2290 | 2292 | rBV5 | 9648   | 16750   | 1.02%   | 0.124%  |
| 68 | 15.498 | 2293 | 2297 | 2304 | rVB2 | 23435  | 45073   | 2.74%   | 0.333%  |
| 69 | 15.609 | 2310 | 2316 | 2321 | rBV7 | 14459  | 30301   | 1.84%   | 0.224%  |
| 70 | 15.656 | 2321 | 2324 | 2340 | rVB5 | 19660  | 51135   | 3.10%   | 0.377%  |
| 71 | 15.798 | 2340 | 2348 | 2354 | rBV3 | 31201  | 61933   | 3.76%   | 0.457%  |
| 72 | 15.974 | 2368 | 2378 | 2382 | rBV5 | 21962  | 62013   | 3.76%   | 0.457%  |
| 73 | 16.103 | 2395 | 2400 | 2406 | rBV3 | 11199  | 20836   | 1.26%   | 0.154%  |
| 74 | 16.186 | 2406 | 2414 | 2422 | rVB4 | 16374  | 40481   | 2.46%   | 0.299%  |
| 75 | 16.333 | 2431 | 2439 | 2447 | rBV7 | 15547  | 34200   | 2.08%   | 0.252%  |
| 76 | 16.609 | 2480 | 2486 | 2494 | rBV4 | 13506  | 30592   | 1.86%   | 0.226%  |

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Sample : N2754-01RE  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
40828RE

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\82N051022W.M  
Title : SW846 8260

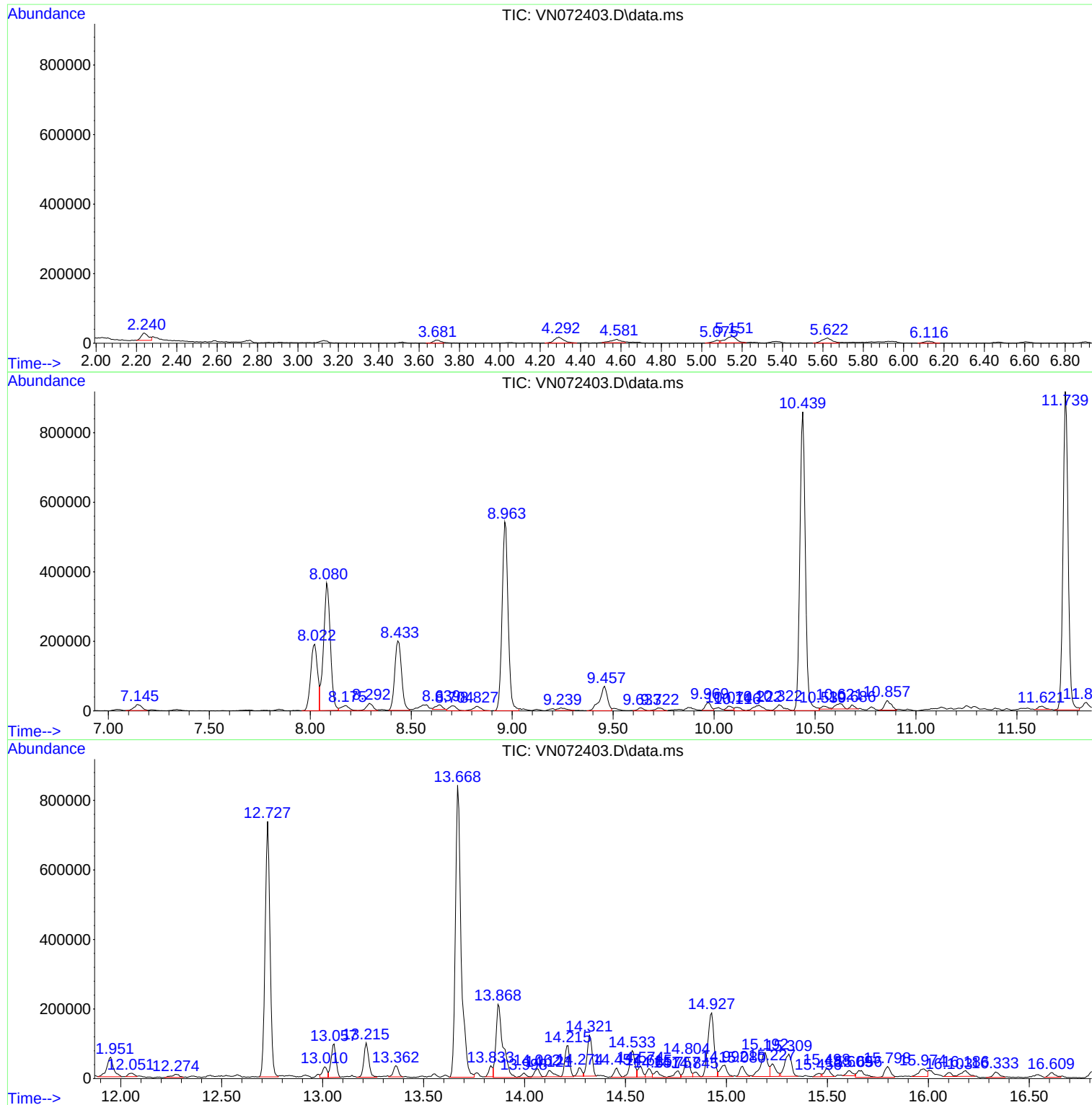
Sum of corrected areas: 13555290

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN051022\  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051022W.M  
Quant Title : SW846 8260

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



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Instrument :  
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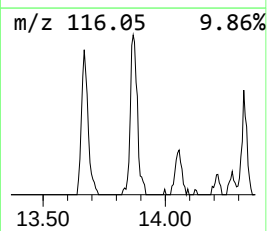
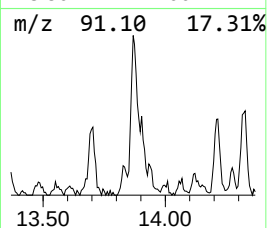
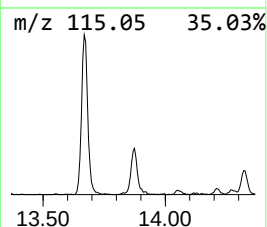
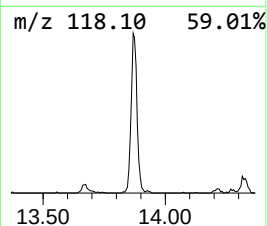
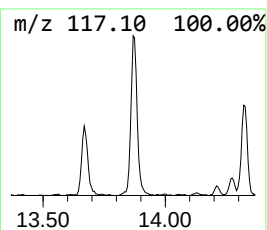
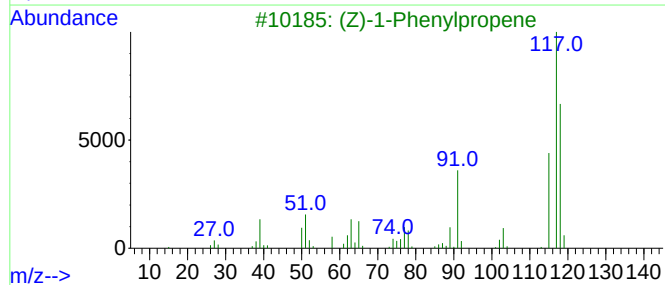
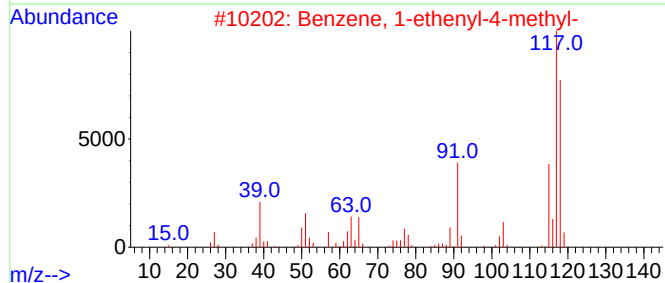
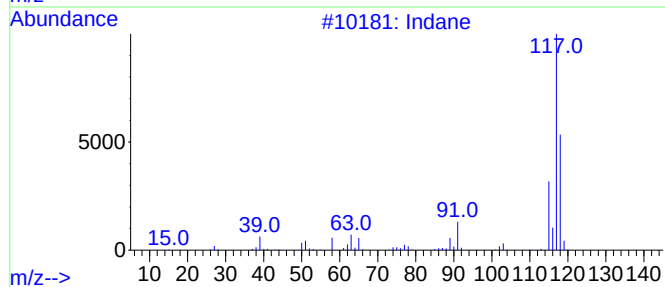
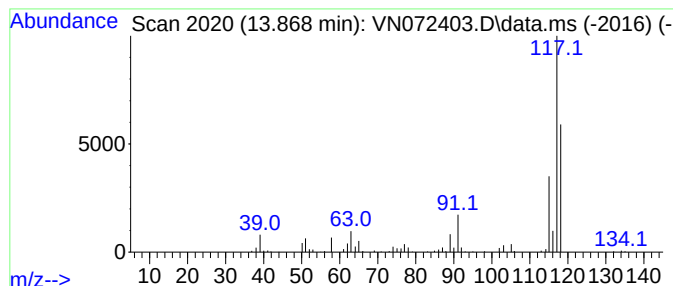
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051022W.M  
Quant Title : SW846 8260

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

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Peak Number 1 Indane Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 13.868 | 15.11 ug/l | 497964 | 1,4-Dichlorobenzene-d4 | 13.668 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | Indane                              | 118 | C9H10   | 000496-11-7  | 93   |
| 2    |    |   | Benzene, 1-ethenyl-4-methyl-        | 118 | C9H10   | 000622-97-9  | 80   |
| 3    |    |   | (Z)-1-Phenylpropene                 | 118 | C9H10   | 000766-90-5  | 74   |
| 4    |    |   | Benzene, 2-propenyl-                | 118 | C9H10   | 000300-57-2  | 74   |
| 5    |    |   | Tetracyclo[3.3.1.0(2,8).0(4,6)]-... | 118 | C9H10   | 1000191-13-7 | 64   |



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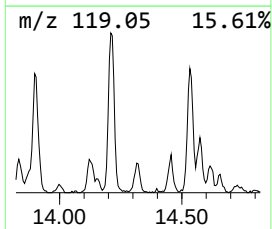
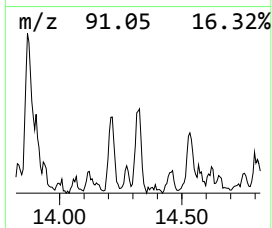
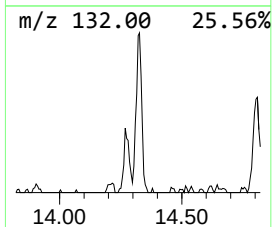
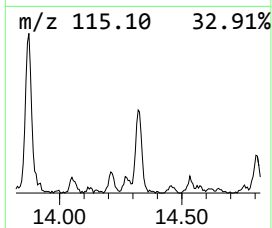
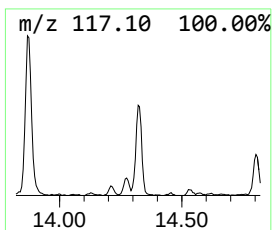
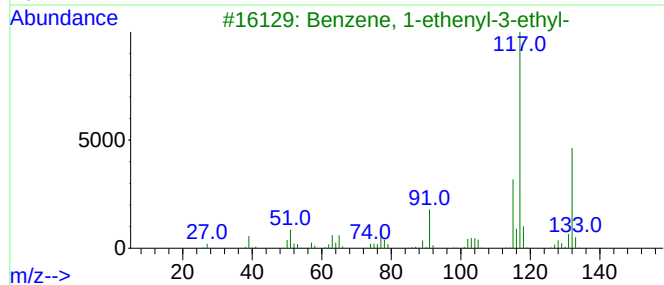
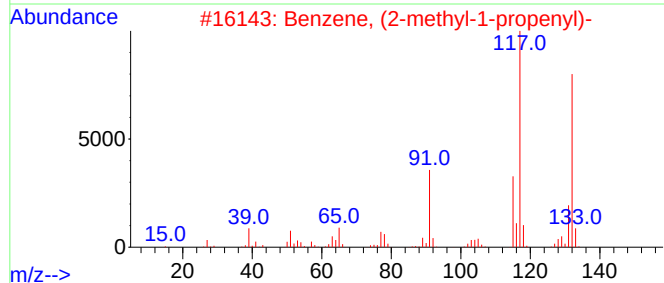
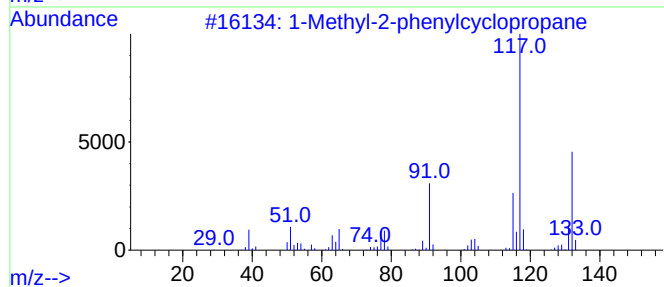
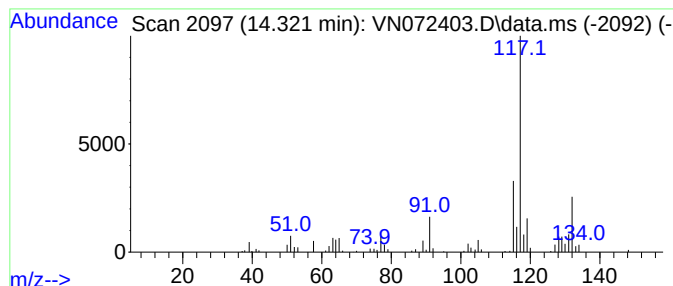
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 1-Methyl-2-phenylcyclopropane Concentration Rank 3

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 14.321 | 5.96 ug/l | 196439 | 1,4-Dichlorobenzene-d4 | 13.668 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------------|-----|---------|-------------|------|
| 1    |    |   | 1-Methyl-2-phenylcyclopropane    | 132 | C10H12  | 003145-76-4 | 83   |
| 2    |    |   | Benzene, (2-methyl-1-propenyl)-  | 132 | C10H12  | 000768-49-0 | 83   |
| 3    |    |   | Benzene, 1-ethenyl-3-ethyl-      | 132 | C10H12  | 007525-62-4 | 81   |
| 4    |    |   | Indan, 1-methyl-                 | 132 | C10H12  | 000767-58-8 | 76   |
| 5    |    |   | Benzene, 2-ethenyl-1,3-dimethyl- | 132 | C10H12  | 002039-90-9 | 74   |



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ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051022W.M  
Quant Title : SW846 8260

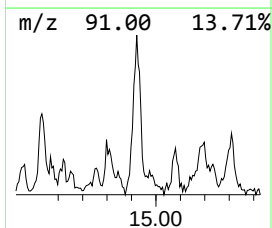
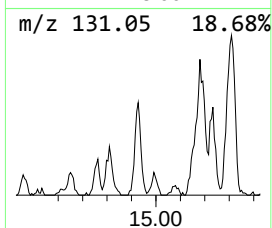
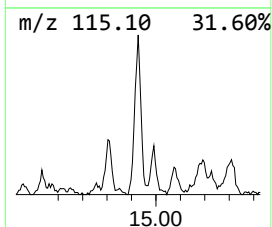
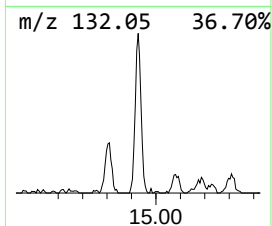
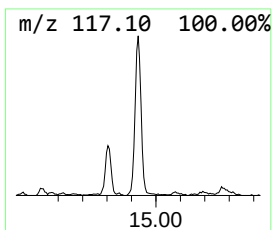
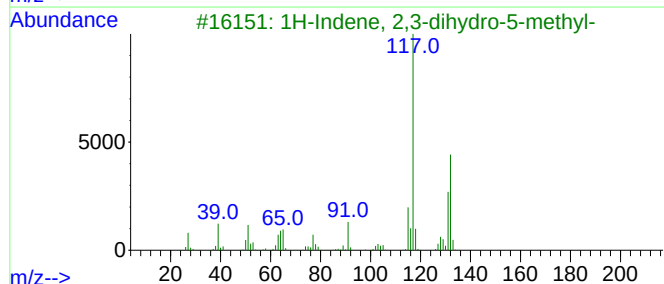
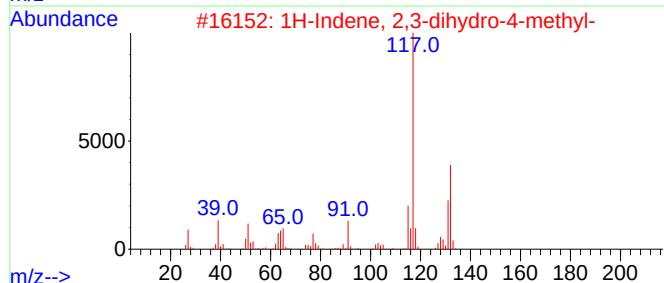
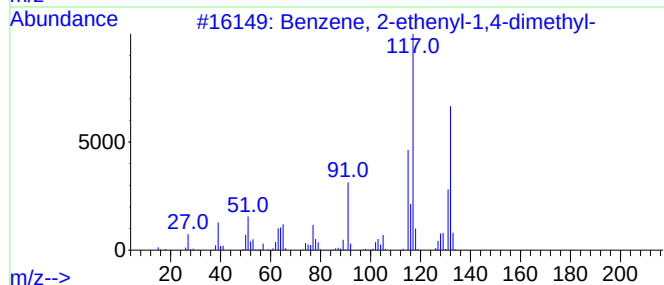
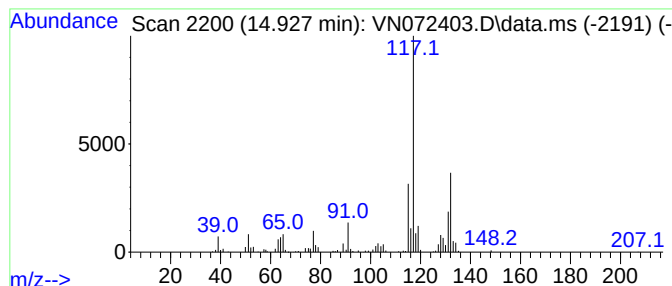
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 14.927 | 11.81 ug/l | 389378 | 1,4-Dichlorobenzene-d4 | 13.668 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 2-ethenyl-1,4-dimethyl-    | 132 | C10H12  | 002039-89-6 | 96   |
| 2    |    |   | 1H-Indene, 2,3-dihydro-4-methyl-    | 132 | C10H12  | 000824-22-6 | 94   |
| 3    |    |   | 1H-Indene, 2,3-dihydro-5-methyl-    | 132 | C10H12  | 000874-35-1 | 93   |
| 4    |    |   | 1-Phenyl-1-butene                   | 132 | C10H12  | 000824-90-8 | 87   |
| 5    |    |   | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12  | 000768-00-3 | 83   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN051022\  
Data File : VN072403.D  
Acq On : 10 May 2022 19:51  
Operator : JC\MD  
Sample : N2754-01RE  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
40828RE

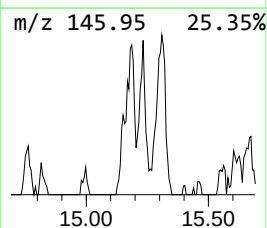
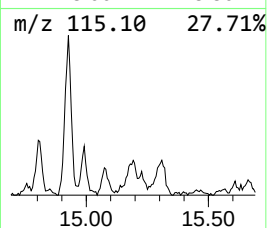
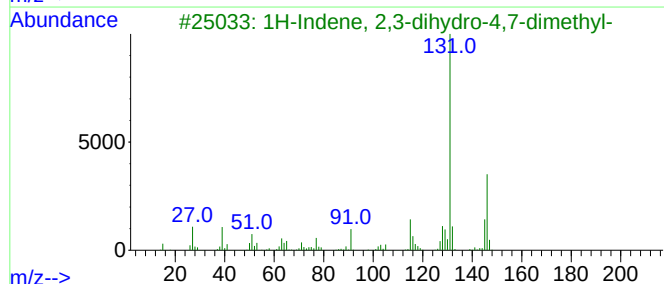
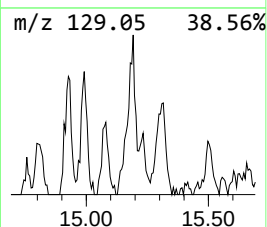
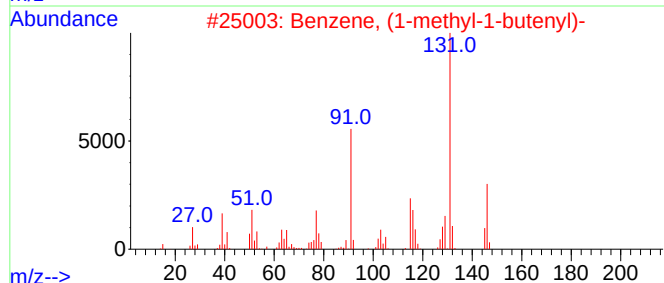
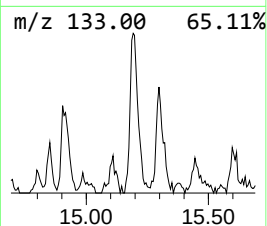
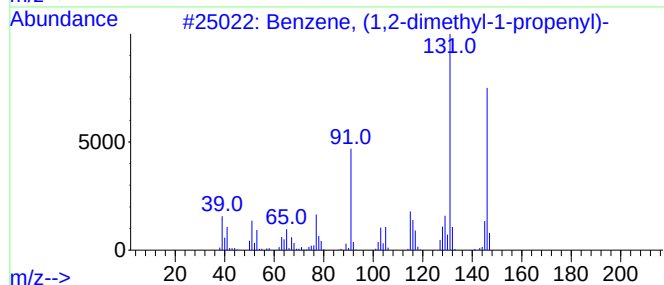
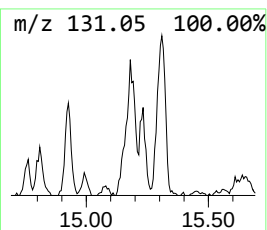
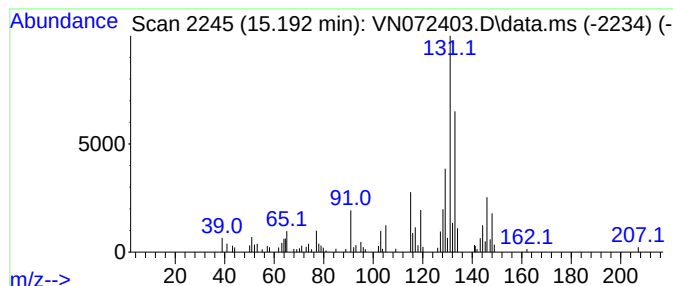
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051022W.M  
Quant Title : SW846 8260

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

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Peak Number 4 Benzene, (1,2-dimethyl-1-propenyl)- Concentration Rank 4

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 15.192 | 5.30 ug/l | 174812 | 1,4-Dichlorobenzene-d4 | 13.668 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, (1,2-dimethyl-1-propenyl)- | 146 | C11H14  | 000769-57-3 | 50   |
| 2    |    |   | Benzene, (1-methyl-1-butenyl)-      | 146 | C11H14  | 053172-84-2 | 45   |
| 3    |    |   | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14  | 006682-71-9 | 43   |
| 4    |    |   | Benzene, 1,3-bis(1-buten-3-yl)-     | 186 | C14H18  | 158117-62-5 | 43   |
| 5    |    |   | Benzene, 1-methyl-4-(1-methyl-2-... | 146 | C11H14  | 097664-18-1 | 41   |





Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN051022\  
Data File : VN072403.D  
Acq On : 10 May 2022 19:51  
Operator : JC\MD  
Sample : N2754-01RE  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
40828RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051022W.M  
Quant Title : SW846 8260

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Indane             | 13.868 | 15.1    | ug/l  | 497964   | 4                     | 13.668 | 1647830 | 50.0 |
| 1-Methyl-2-phen... | 14.321 | 6.0     | ug/l  | 196439   | 4                     | 13.668 | 1647830 | 50.0 |
| Benzene, 2-ethe... | 14.927 | 11.8    | ug/l  | 389378   | 4                     | 13.668 | 1647830 | 50.0 |
| Benzene, (1,2-d... | 15.192 | 5.3     | ug/l  | 174812   | 4                     | 13.668 | 1647830 | 50.0 |