LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
Data File : VX041307.D
Acq On : 30 Apr 2024 18:12
Operator : JC/MD
Sample : P2264-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-1-8.0-042324

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_X\Method\82X043024W.M
Title : SW846 8260

Signal : TIC: VX041307.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.575 | 70 | 80 | 81 | rBV5 | 6884 | 16814 | 2.37% | 0.182% |
| 2 | 2.855 | 285 | 290 | 299 | rVB3 | 3492 | 7153 | 1.01% | 0.077% |
| 3 | 3.014 | 307 | 316 | 323 | rBV3 | 3871 | 11444 | 1.61% | 0.124% |
| 4 | 3.123 | 323 | 334 | 345 | rVB2 | 23599 | 65420 | 9.23% | 0.709% |
| 5 | 4.294 | 518 | 526 | 537 | rVB4 | 3873 | 11074 | 1.56% | 0.120% |
| 6 | 5.385 | 693 | 705 | 716 | rBV | 94539 | 285280 | 40.23% | 3.091% |
| 7 | 5.550 | 723 | 732 | 754 | rVB | 171287 | 496637 | 70.04% | 5.380% |
| 8 | 5.952 | 789 | 798 | 817 | rBV | 98518 | 264770 | 37.34% | 2.868% |
| 9 | 6.257 | 843 | 848 | 856 | rVB4 | 2840 | 7175 | 1.01% | 0.078% |
| 10 | 6.360 | 856 | 865 | 874 | rVB7 | 2592 | 7914 | 1.12% | 0.086% |
| 11 | 6.757 | 921 | 930 | 943 | rBV | 246630 | 615195 | 86.76% | 6.665% |
| 12 | 7.171 | 987 | 998 | 1012 | rBV4 | 6536 | 18353 | 2.59% | 0.199% |
| 13 | 7.372 | 1020 | 1031 | 1040 | rBV6 | 6722 | 18344 | 2.59% | 0.199% |
| 14 | 7.879 | 1112 | 1114 | 1121 | rVB4 | 4768 | 7695 | 1.09% | 0.083% |
| 15 | 8.141 | 1153 | 1157 | 1163 | rVB | 9233 | 14959 | 2.11% | 0.162% |
| 16 | 8.500 | 1211 | 1216 | 1225 | rVB | 15204 | 26302 | 3.71% | 0.285% |
| 17 | 8.647 | 1234 | 1240 | 1253 | rVB | 443183 | 709083 | 100.00% | 7.682% |
| 18 | 8.921 | 1280 | 1285 | 1290 | rBV | 4607 | 7710 | 1.09% | 0.084% |
| 19 | 9.159 | 1319 | 1324 | 1334 | rVB | 14303 | 22808 | 3.22% | 0.247% |
| 20 | 9.494 | 1376 | 1379 | 1386 | rVB6 | 4072 | 7470 | 1.05% | 0.081% |
| 21 | 10.055 | 1465 | 1471 | 1480 | rBV | 436957 | 614396 | 86.65% | 6.656% |
| 22 | 10.305 | 1509 | 1512 | 1518 | rVB3 | 5976 | 8613 | 1.21% | 0.093% |
| 23 | 10.963 | 1614 | 1620 | 1628 | rBV | 15234 | 21838 | 3.08% | 0.237% |
| 24 | 11.079 | 1634 | 1639 | 1655 | rBV | 389882 | 530418 | 74.80% | 5.746% |
| 25 | 11.616 | 1722 | 1727 | 1734 | rBV | 8464 | 14341 | 2.02% | 0.155% |
| 26 | 11.713 | 1739 | 1743 | 1747 | rVV2 | 9841 | 12861 | 1.81% | 0.139% |
| 27 | 11.866 | 1763 | 1768 | 1770 | rBV | 20472 | 25439 | 3.59% | 0.276% |
| 28 | 11.890 | 1770 | 1772 | 1777 | rVB | 12430 | 14997 | 2.11% | 0.162% |
| 29 | 12.018 | 1788 | 1793 | 1802 | rBV | 489879 | 649397 | 91.58% | 7.035% |
| 30 | 12.177 | 1815 | 1819 | 1824 | rBV | 28374 | 34323 | 4.84% | 0.372% |
| 31 | 12.244 | 1824 | 1830 | 1838 | rBV | 235693 | 300406 | 42.37% | 3.254% |
| 32 | 12.311 | 1838 | 1841 | 1850 | rVB2 | 15426 | 30761 | 4.34% | 0.333% |
| 33 | 12.402 | 1850 | 1856 | 1862 | rBV | 49338 | 68268 | 9.63% | 0.740% |
| 34 | 12.609 | 1882 | 1890 | 1893 | rBV | 238963 | 296304 | 41.79% | 3.210% |
| 35 | 12.646 | 1893 | 1896 | 1900 | rVV | 110708 | 134133 | 18.92% | 1.453% |
| 36 | 12.695 | 1900 | 1904 | 1912 | rVV2 | 374370 | 538265 | 75.91% | 5.831% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
Data File : VX041307.D
Acq On : 30 Apr 2024 18:12
Operator : JC/MD
Sample : P2264-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-1-8.0-042324

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_X\Method\82X043024W.M
Title : SW846 8260

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 12.756 | 1912 | 1914 | 1919 | rVB | 11735 | 13458 | 1.90% | 0.146% |
| 38 | 12.841 | 1921 | 1928 | 1934 | rVB | 43762 | 61505 | 8.67% | 0.666% |
| 39 | 12.920 | 1934 | 1941 | 1946 | rBV | 245381 | 302110 | 42.61% | 3.273% |
| 40 | 12.969 | 1946 | 1949 | 1953 | rVB2 | 6354 | 8984 | 1.27% | 0.097% |
| 41 | 13.030 | 1953 | 1959 | 1964 | rVB3 | 26334 | 41736 | 5.89% | 0.452% |
| 42 | 13.097 | 1964 | 1970 | 1972 | rBV | 19585 | 27519 | 3.88% | 0.298% |
| 43 | 13.134 | 1972 | 1976 | 1978 | rBV | 36933 | 44797 | 6.32% | 0.485% |
| 44 | 13.170 | 1978 | 1982 | 1990 | rVB | 214007 | 296621 | 41.83% | 3.213% |
| 45 | 13.256 | 1990 | 1996 | 1997 | rBV2 | 20720 | 24904 | 3.51% | 0.270% |
| 46 | 13.292 | 1997 | 2002 | 2008 | rVB2 | 484459 | 631843 | 89.11% | 6.845% |
| 47 | 13.347 | 2008 | 2011 | 2013 | rBV2 | 14151 | 16963 | 2.39% | 0.184% |
| 48 | 13.426 | 2020 | 2024 | 2031 | rVB | 28684 | 39382 | 5.55% | 0.427% |
| 49 | 13.506 | 2032 | 2037 | 2039 | rVV | 24050 | 31014 | 4.37% | 0.336% |
| 50 | 13.542 | 2039 | 2043 | 2046 | rVV | 73630 | 100927 | 14.23% | 1.093% |
| 51 | 13.585 | 2046 | 2050 | 2053 | rVV2 | 72170 | 105244 | 14.84% | 1.140% |
| 52 | 13.640 | 2053 | 2059 | 2060 | rVV2 | 67768 | 95871 | 13.52% | 1.039% |
| 53 | 13.664 | 2060 | 2063 | 2072 | rVB3 | 100427 | 180710 | 25.49% | 1.958% |
| 54 | 13.749 | 2072 | 2077 | 2080 | rBV | 13870 | 18403 | 2.60% | 0.199% |
| 55 | 13.792 | 2080 | 2084 | 2090 | rVB2 | 18815 | 31033 | 4.38% | 0.336% |
| 56 | 13.853 | 2090 | 2094 | 2100 | rBV2 | 32644 | 51468 | 7.26% | 0.558% |
| 57 | 13.926 | 2100 | 2106 | 2110 | rVV2 | 69968 | 94841 | 13.38% | 1.027% |
| 58 | 13.969 | 2110 | 2113 | 2122 | rVB | 34594 | 46550 | 6.56% | 0.504% |
| 59 | 14.073 | 2125 | 2130 | 2133 | rBV | 55472 | 73814 | 10.41% | 0.800% |
| 60 | 14.103 | 2133 | 2135 | 2143 | rVB2 | 21972 | 25744 | 3.63% | 0.279% |
| 61 | 14.225 | 2148 | 2155 | 2163 | rVV4 | 51619 | 107832 | 15.21% | 1.168% |
| 62 | 14.316 | 2166 | 2170 | 2174 | rVV | 20061 | 27900 | 3.93% | 0.302% |
| 63 | 14.371 | 2175 | 2179 | 2184 | rVB | 40496 | 53184 | 7.50% | 0.576% |
| 64 | 14.481 | 2191 | 2197 | 2202 | rBV2 | 73346 | 101269 | 14.28% | 1.097% |
| 65 | 14.597 | 2212 | 2216 | 2220 | rBV3 | 13576 | 26180 | 3.69% | 0.284% |
| 66 | 14.633 | 2220 | 2222 | 2226 | rVV2 | 23552 | 33395 | 4.71% | 0.362% |
| 67 | 14.670 | 2226 | 2228 | 2234 | rVV3 | 10820 | 15603 | 2.20% | 0.169% |
| 68 | 14.780 | 2241 | 2246 | 2255 | rBV3 | 32180 | 62083 | 8.76% | 0.673% |
| 69 | 14.908 | 2260 | 2267 | 2274 | rBV10 | 4562 | 13732 | 1.94% | 0.149% |
| 70 | 15.182 | 2306 | 2312 | 2315 | rBV2 | 11801 | 21686 | 3.06% | 0.235% |
| 71 | 15.255 | 2320 | 2324 | 2331 | rVB7 | 4736 | 7423 | 1.05% | 0.080% |
| 72 | 15.371 | 2336 | 2343 | 2346 | rVV3 | 10145 | 18747 | 2.64% | 0.203% |
| 73 | 15.408 | 2346 | 2349 | 2354 | rVV | 20319 | 29299 | 4.13% | 0.317% |
| 74 | 15.475 | 2355 | 2360 | 2373 | rVV | 35379 | 74565 | 10.52% | 0.808% |
| 75 | 15.615 | 2375 | 2383 | 2387 | rVV | 71058 | 126679 | 17.87% | 1.372% |
| 76 | 15.651 | 2387 | 2389 | 2395 | rVB | 18611 | 22909 | 3.23% | 0.248% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
Data File : VX041307.D
Acq On : 30 Apr 2024 18:12
Operator : JC/MD
Sample : P2264-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-1-8.0-042324

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_X\Method\82X043024W.M
Title : SW846 8260

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 15.731 | 2395 | 2402 | 2408 | rBV8 | 5052 | 10649 | 1.50% | 0.115% |
| 78 | 15.810 | 2409 | 2415 | 2416 | rVV | 15423 | 20557 | 2.90% | 0.223% |
| 79 | 15.834 | 2416 | 2419 | 2434 | rVB2 | 27458 | 56933 | 8.03% | 0.617% |
| 80 | 15.987 | 2438 | 2444 | 2449 | rBV | 20206 | 34576 | 4.88% | 0.375% |
| 81 | 16.084 | 2455 | 2460 | 2467 | rVB | 8458 | 14083 | 1.99% | 0.153% |
| 82 | 16.200 | 2474 | 2479 | 2484 | rVB4 | 5011 | 9003 | 1.27% | 0.098% |
| 83 | 16.328 | 2495 | 2500 | 2512 | rVB3 | 12117 | 31897 | 4.50% | 0.346% |
| 84 | 16.590 | 2540 | 2543 | 2549 | rVB3 | 6519 | 11283 | 1.59% | 0.122% |
| 85 | 16.657 | 2549 | 2554 | 2563 | rVB3 | 8266 | 17291 | 2.44% | 0.187% |

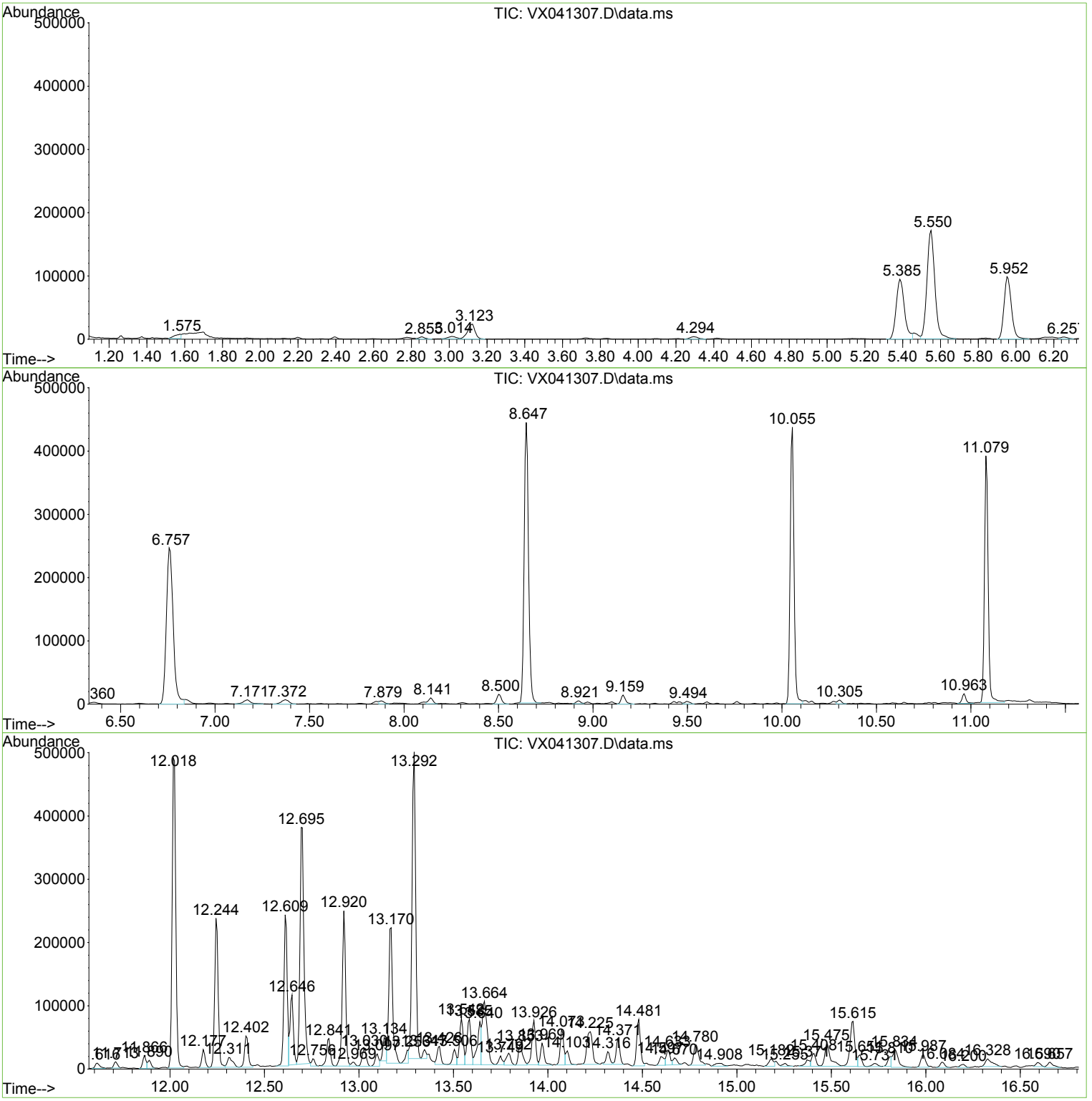
Sum of corrected areas: 9230559

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
Data File : VX041307.D
Acq On : 30 Apr 2024 18:12
Operator : JC/MD
Sample : P2264-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-1-8.0-042324

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
Data File : VX041307.D
Acq On : 30 Apr 2024 18:12
Operator : JC/MD
Sample : P2264-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-1-8.0-042324

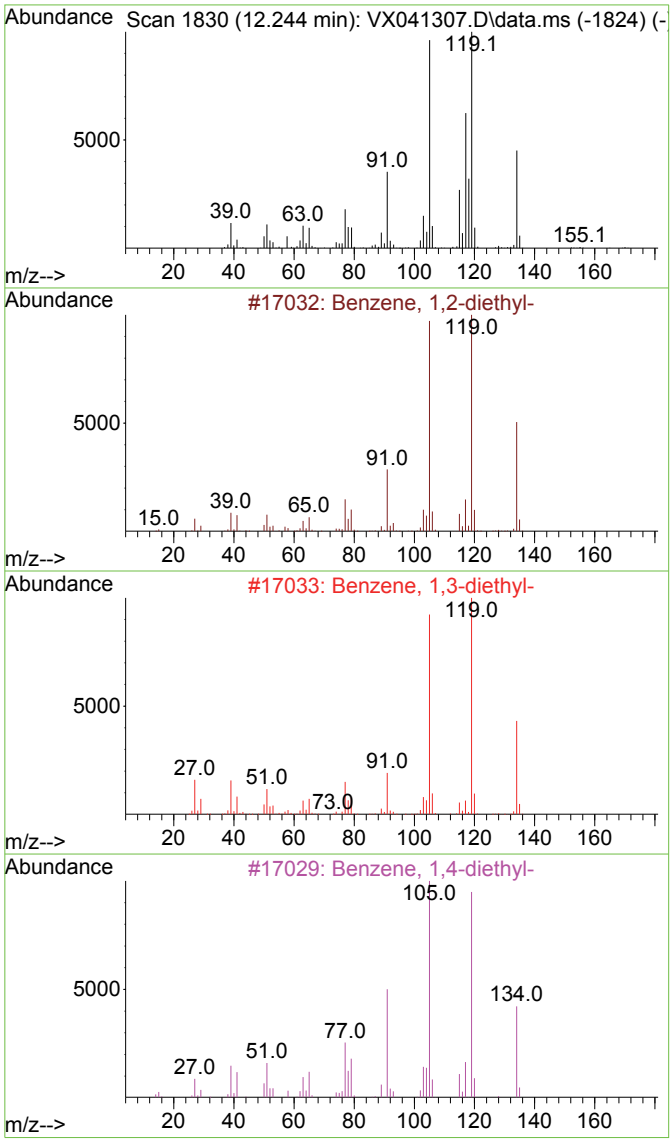
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

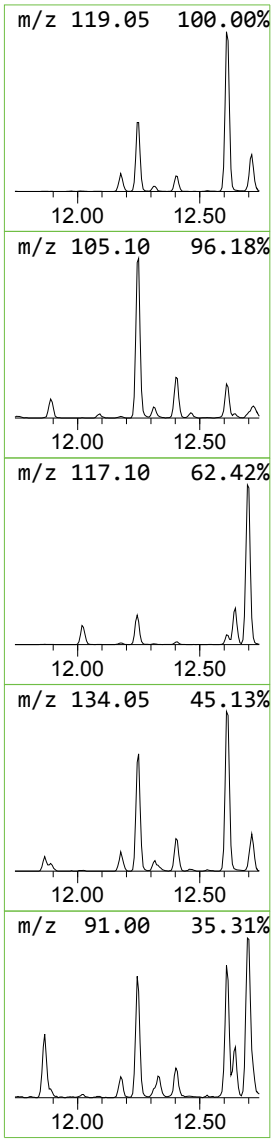
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Benzene, 1,2-diethyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.244 | 23.13 ug/l | 300406 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2-diethyl- | 134 | C10H14 | 000135-01-3 | 93 |
| 2 | Benzene, 1,3-diethyl- | 134 | C10H14 | 000141-93-5 | 92 |
| 3 | Benzene, 1,4-diethyl- | 134 | C10H14 | 000105-05-5 | 76 |
| 4 | Ethanone, 1-(4-methylphenyl)- | 134 | C9H10O | 000122-00-9 | 50 |
| 5 | Ethanone, 1-(3-methylphenyl)- | 134 | C9H10O | 000585-74-0 | 45 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
Data File : VX041307.D
Acq On : 30 Apr 2024 18:12
Operator : JC/MD
Sample : P2264-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-1-8.0-042324

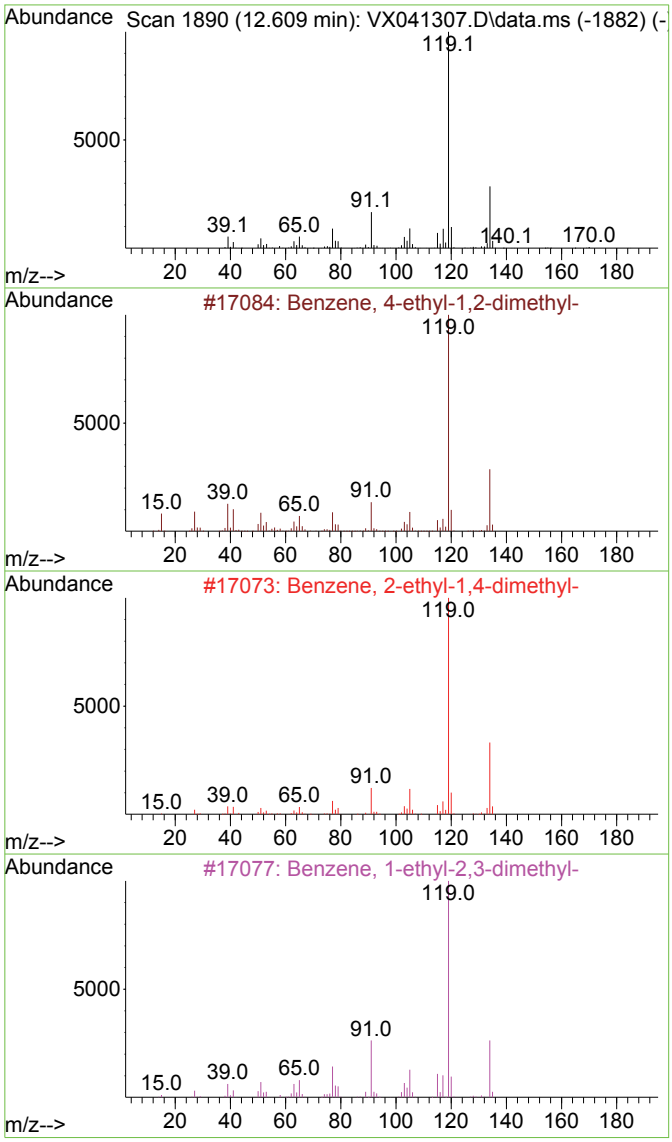
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

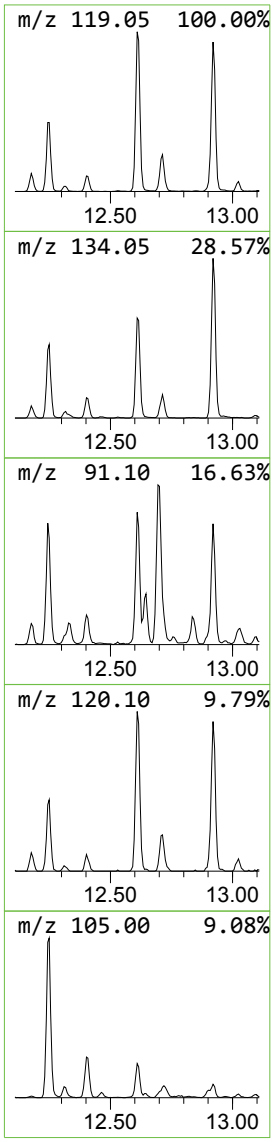
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.609 | 22.81 ug/l | 296304 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 95 |
| 2 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 95 |
| 3 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 95 |
| 4 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 94 |
| 5 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 94 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
Data File : VX041307.D
Acq On : 30 Apr 2024 18:12
Operator : JC/MD
Sample : P2264-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-1-8.0-042324

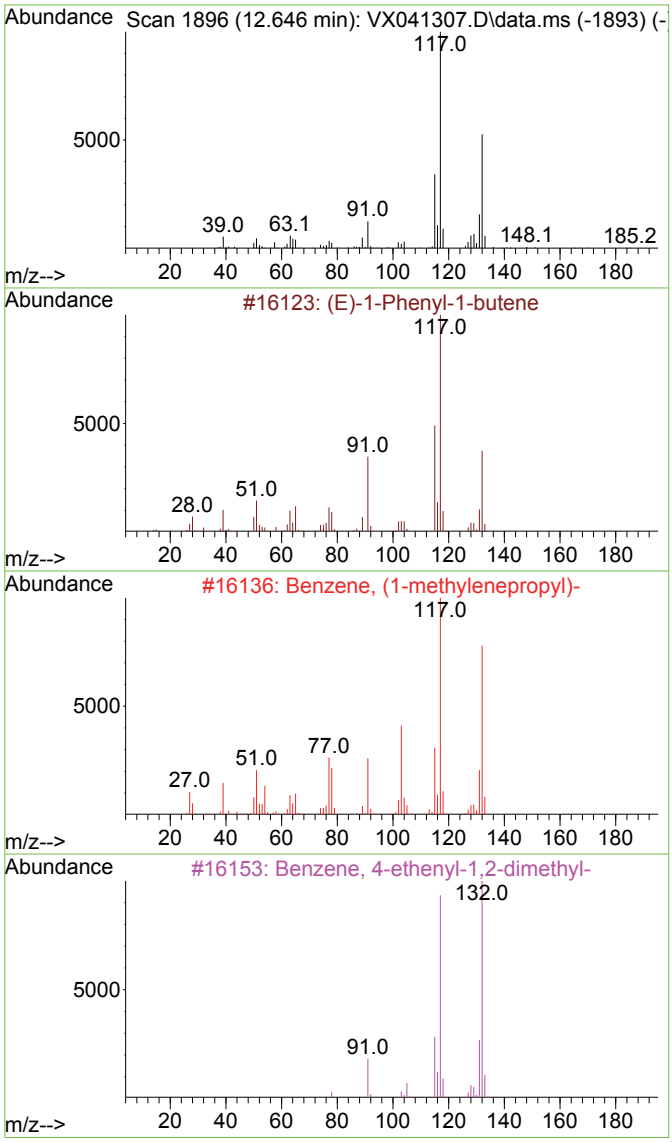
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

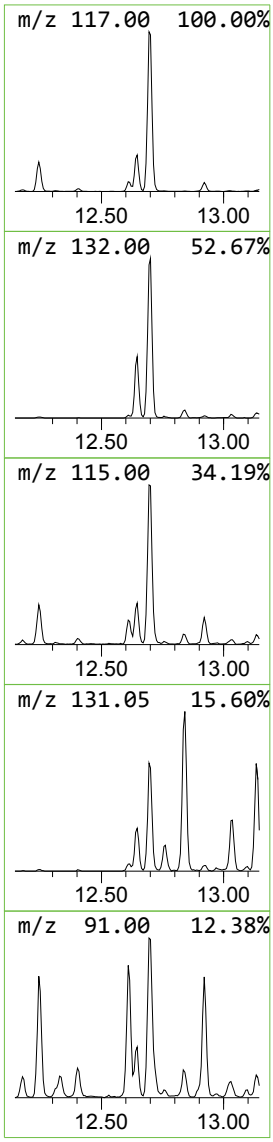
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 (E)-1-Phenyl-1-butene Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.646 | 10.33 ug/l | 134133 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | (E)-1-Phenyl-1-butene | 132 | C10H12 | 001005-64-7 | 93 |
| 2 | Benzene, (1-methylenepropyl)- | 132 | C10H12 | 002039-93-2 | 91 |
| 3 | Benzene, 4-ethenyl-1,2-dimethyl- | 132 | C10H12 | 027831-13-6 | 91 |
| 4 | Benzene, (2-methyl-1-propenyl)- | 132 | C10H12 | 000768-49-0 | 91 |
| 5 | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12 | 000768-00-3 | 90 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
Data File : VX041307.D
Acq On : 30 Apr 2024 18:12
Operator : JC/MD
Sample : P2264-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-1-8.0-042324

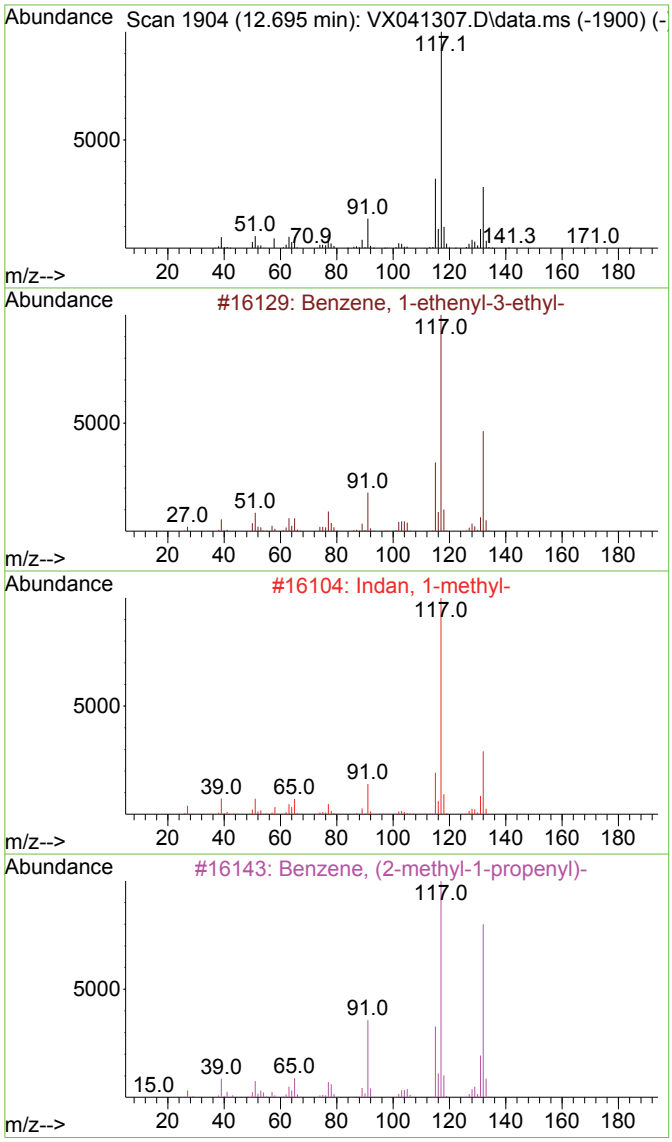
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

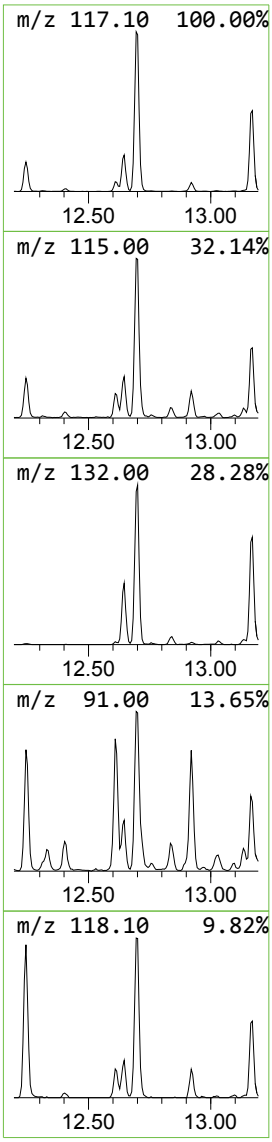
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.695 | 41.44 ug/l | 538265 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethenyl-3-ethyl- | 132 | C10H12 | 007525-62-4 | 91 |
| 2 | Indan, 1-methyl- | 132 | C10H12 | 000767-58-8 | 90 |
| 3 | Benzene, (2-methyl-1-propenyl)- | 132 | C10H12 | 000768-49-0 | 90 |
| 4 | 1-Methyl-2-phenylcyclopropane | 132 | C10H12 | 003145-76-4 | 87 |
| 5 | Benzene, (2-methyl-2-propenyl)- | 132 | C10H12 | 003290-53-7 | 87 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
Data File : VX041307.D
Acq On : 30 Apr 2024 18:12
Operator : JC/MD
Sample : P2264-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-1-8.0-042324

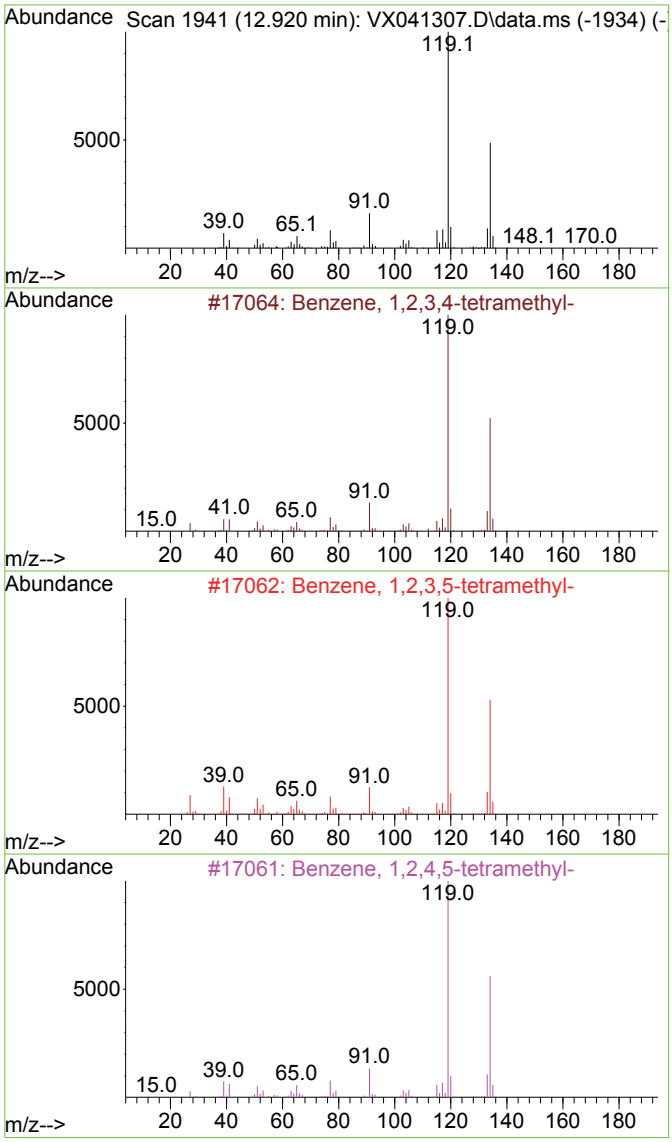
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

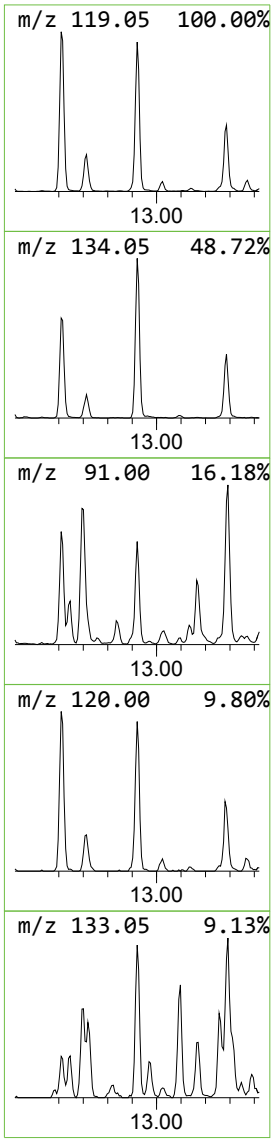
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.920 | 23.26 ug/l | 302110 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 97 |
| 2 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 97 |
| 3 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 97 |
| 4 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 5 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 94 |



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Data File : VX041307.D
Acq On : 30 Apr 2024 18:12
Operator : JC/MD
Sample : P2264-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-1-8.0-042324

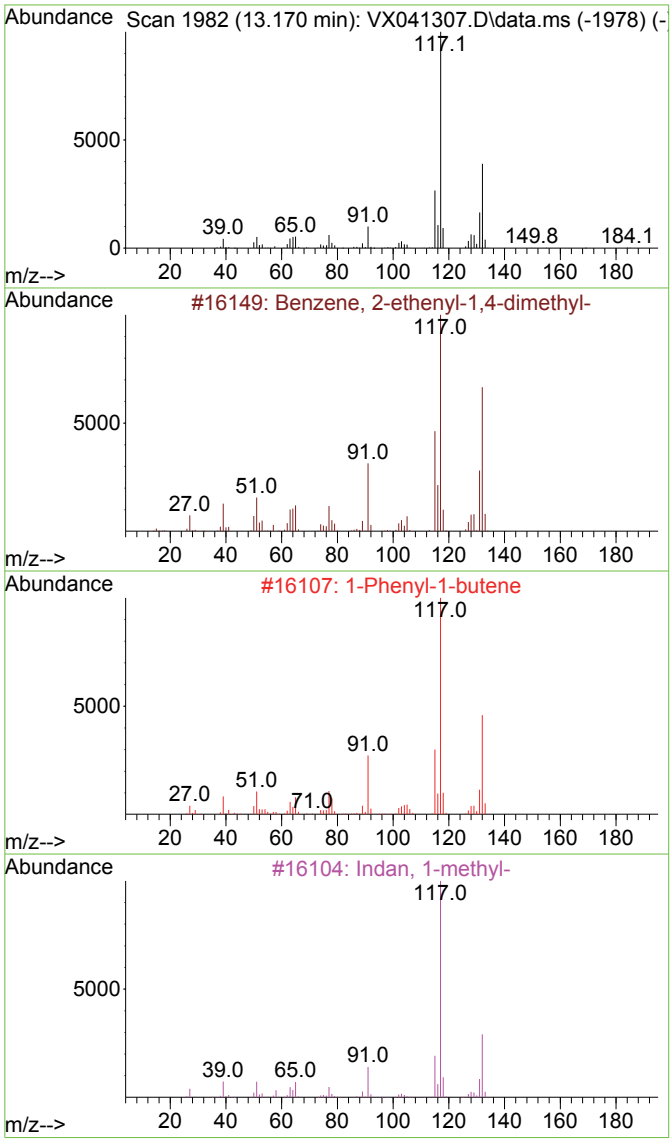
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

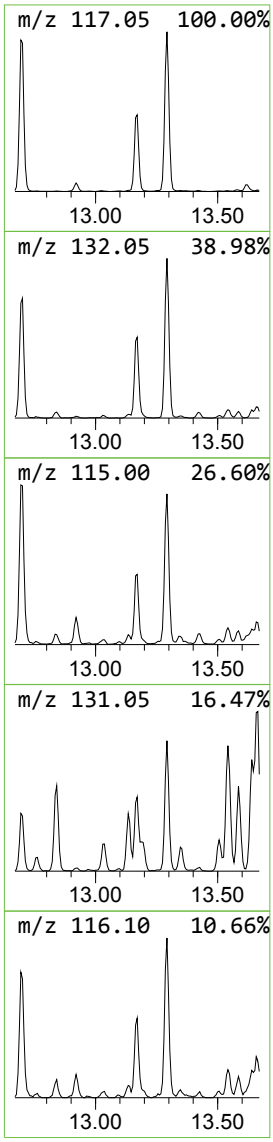
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.170 | 22.84 ug/l | 296621 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12 | 002039-89-6 | 92 |
| 2 | 1-Phenyl-1-butene | 132 | C10H12 | 000824-90-8 | 90 |
| 3 | Indan, 1-methyl- | 132 | C10H12 | 000767-58-8 | 90 |
| 4 | 1H-Indene, 2,3-dihydro-2-methyl- | 132 | C10H12 | 000824-63-5 | 90 |
| 5 | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12 | 000824-22-6 | 90 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
Data File : VX041307.D
Acq On : 30 Apr 2024 18:12
Operator : JC/MD
Sample : P2264-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-1-8.0-042324

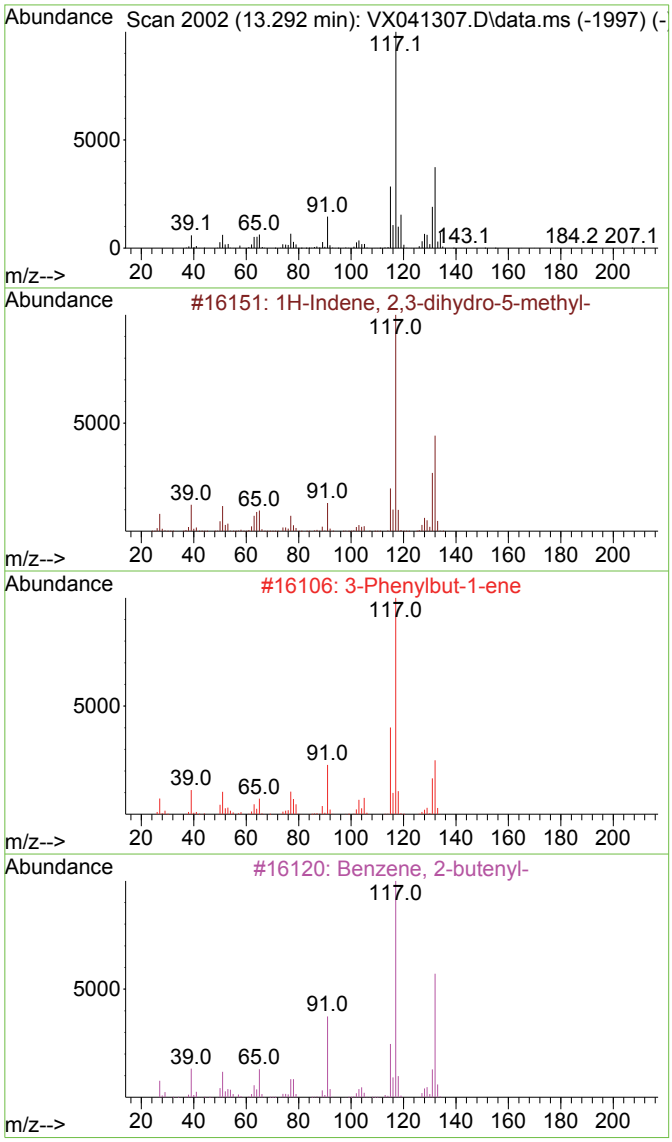
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

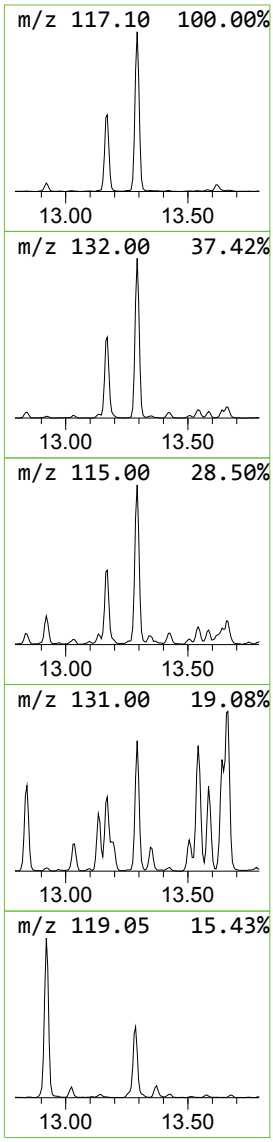
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.292 | 48.65 ug/l | 631843 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2,3-dihydro-5-methyl- | 132 | C10H12 | 000874-35-1 | 90 |
| 2 | 3-Phenylbut-1-ene | 132 | C10H12 | 000934-10-1 | 90 |
| 3 | Benzene, 2-butenyl- | 132 | C10H12 | 001560-06-1 | 87 |
| 4 | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12 | 000824-22-6 | 81 |
| 5 | 1-Phenyl-1-butene | 132 | C10H12 | 000824-90-8 | 81 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
Data File : VX041307.D
Acq On : 30 Apr 2024 18:12
Operator : JC/MD
Sample : P2264-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-1-8.0-042324

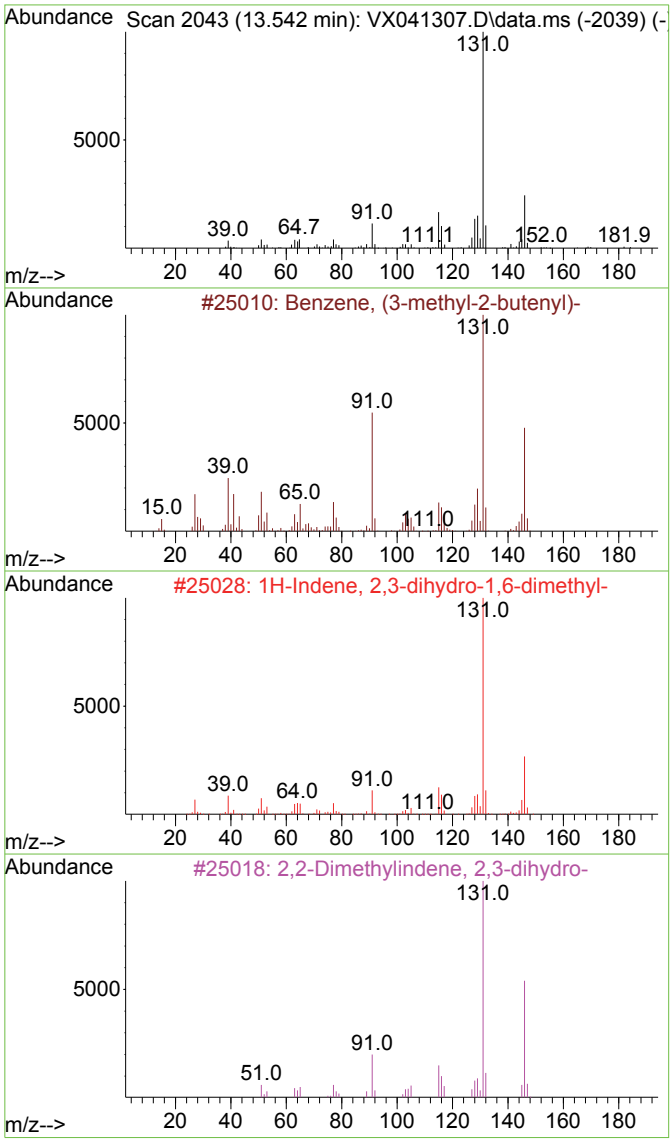
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

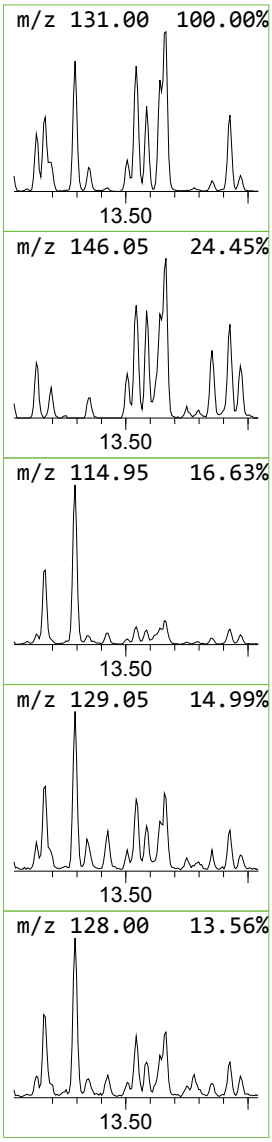
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Benzene, (3-methyl-2-butenyl)- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.542 | 7.77 ug/l | 100927 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (3-methyl-2-butenyl)- | 146 | C11H14 | 004489-84-3 | 94 |
| 2 | 1H-Indene, 2,3-dihydro-1,6-dimet... | 146 | C11H14 | 017059-48-2 | 94 |
| 3 | 2,2-Dimethylindene, 2,3-dihydro- | 146 | C11H14 | 020836-11-7 | 91 |
| 4 | 1H-Indene, 2,3-dihydro-1,3-dimet... | 146 | C11H14 | 004175-53-5 | 91 |
| 5 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
Data File : VX041307.D
Acq On : 30 Apr 2024 18:12
Operator : JC/MD
Sample : P2264-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-1-8.0-042324

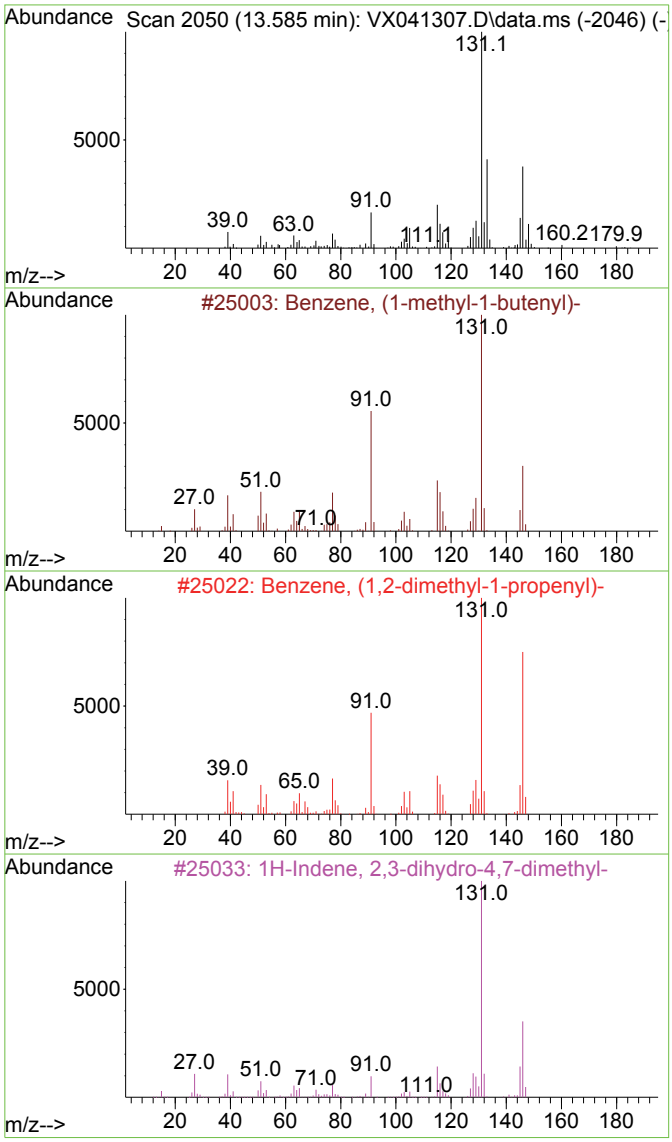
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

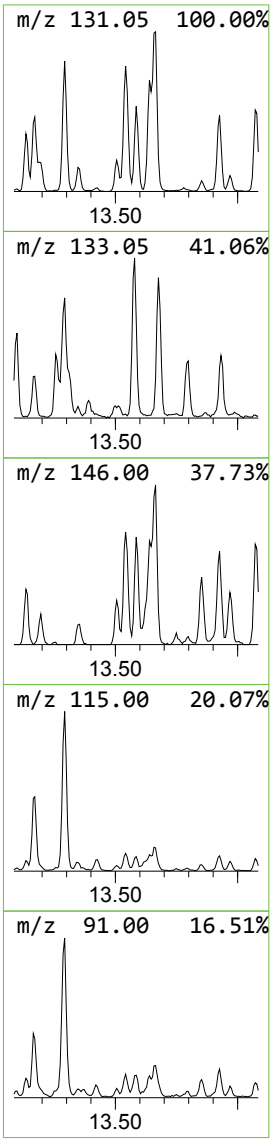
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Benzene, (1-methyl-1-butenyl)- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.585 | 8.10 ug/l | 105244 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (1-methyl-1-butenyl)- | 146 | C11H14 | 053172-84-2 | 95 |
| 2 | Benzene, (1,2-dimethyl-1-propenyl)- | 146 | C11H14 | 000769-57-3 | 94 |
| 3 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 92 |
| 4 | 1H-Indene, 2,3-dihydro-5,6-dimet... | 146 | C11H14 | 001075-22-5 | 91 |
| 5 | Benzene, (2-methyl-1-butenyl)- | 146 | C11H14 | 056253-64-6 | 89 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
Data File : VX041307.D
Acq On : 30 Apr 2024 18:12
Operator : JC/MD
Sample : P2264-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-1-8.0-042324

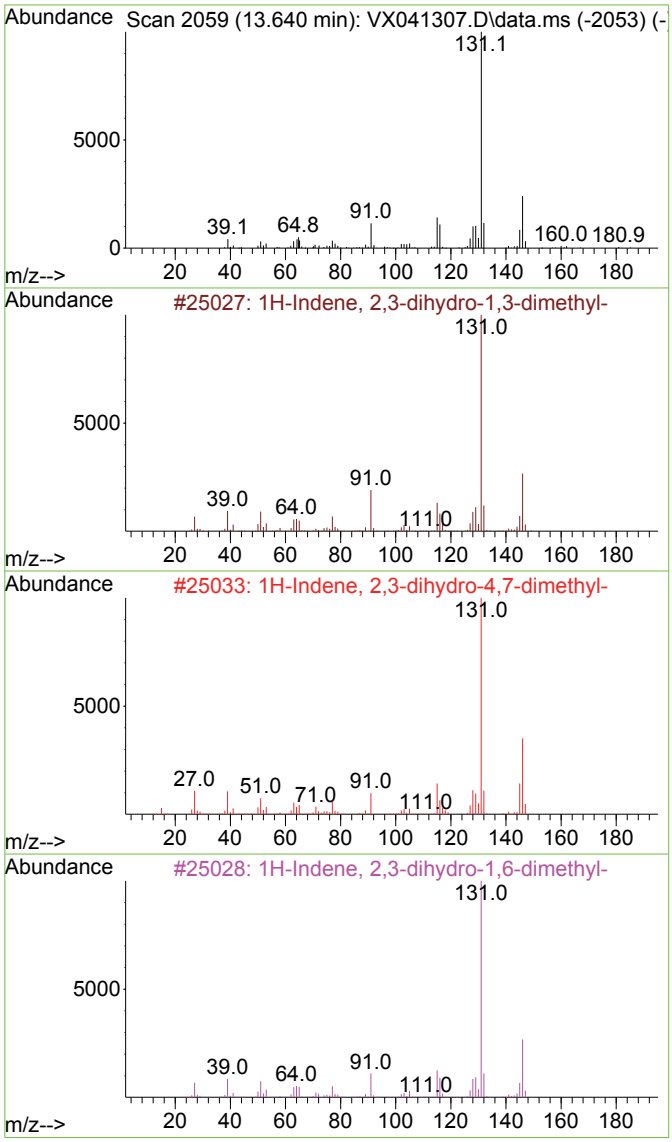
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

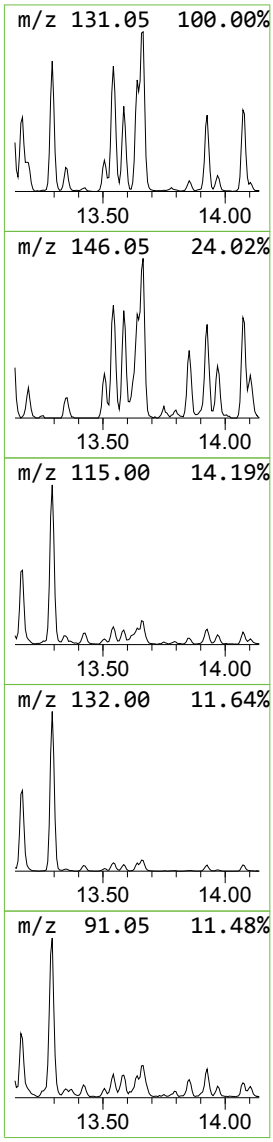
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.640 | 7.38 ug/l | 95871 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2,3-dihydro-1,3-dimet... | 146 | C11H14 | 004175-53-5 | 94 |
| 2 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 94 |
| 3 | 1H-Indene, 2,3-dihydro-1,6-dimet... | 146 | C11H14 | 017059-48-2 | 94 |
| 4 | Benzene, 1-methyl-2-(1-methyl-2-... | 146 | C11H14 | 097664-19-2 | 91 |
| 5 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 001559-81-5 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
Data File : VX041307.D
Acq On : 30 Apr 2024 18:12
Operator : JC/MD
Sample : P2264-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-1-8.0-042324

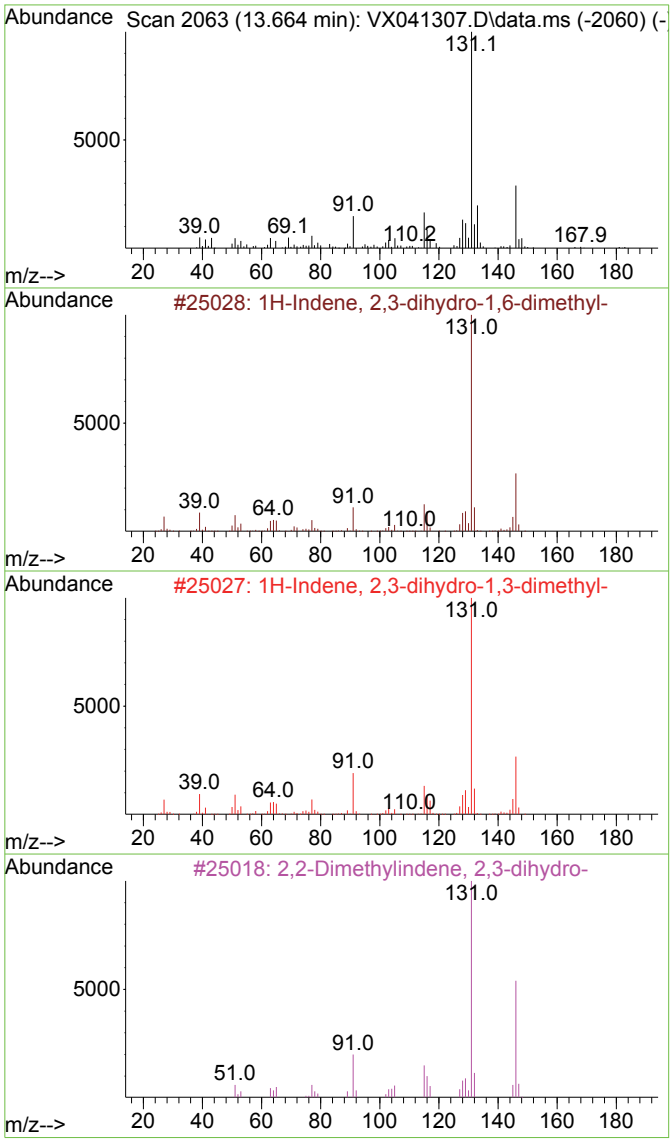
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

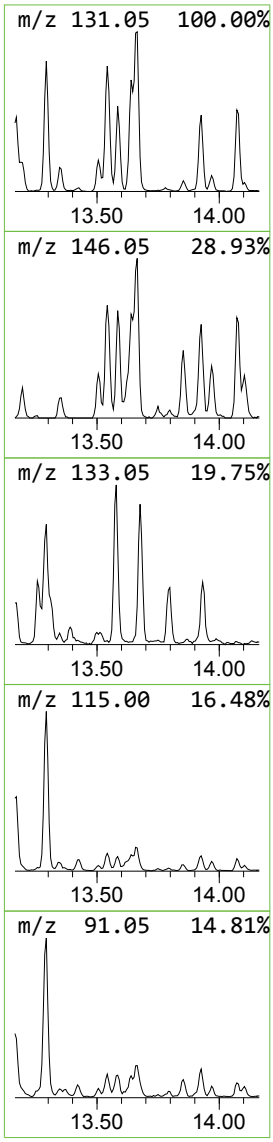
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.664 | 13.91 ug/l | 180710 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2,3-dihydro-1,6-dimet... | 146 | C11H14 | 017059-48-2 | 93 |
| 2 | 1H-Indene, 2,3-dihydro-1,3-dimet... | 146 | C11H14 | 004175-53-5 | 87 |
| 3 | 2,2-Dimethylindene, 2,3-dihydro- | 146 | C11H14 | 020836-11-7 | 87 |
| 4 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 87 |
| 5 | 1H-Indene, 2,3-dihydro-1,2-dimet... | 146 | C11H14 | 017057-82-8 | 87 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
Data File : VX041307.D
Acq On : 30 Apr 2024 18:12
Operator : JC/MD
Sample : P2264-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-1-8.0-042324

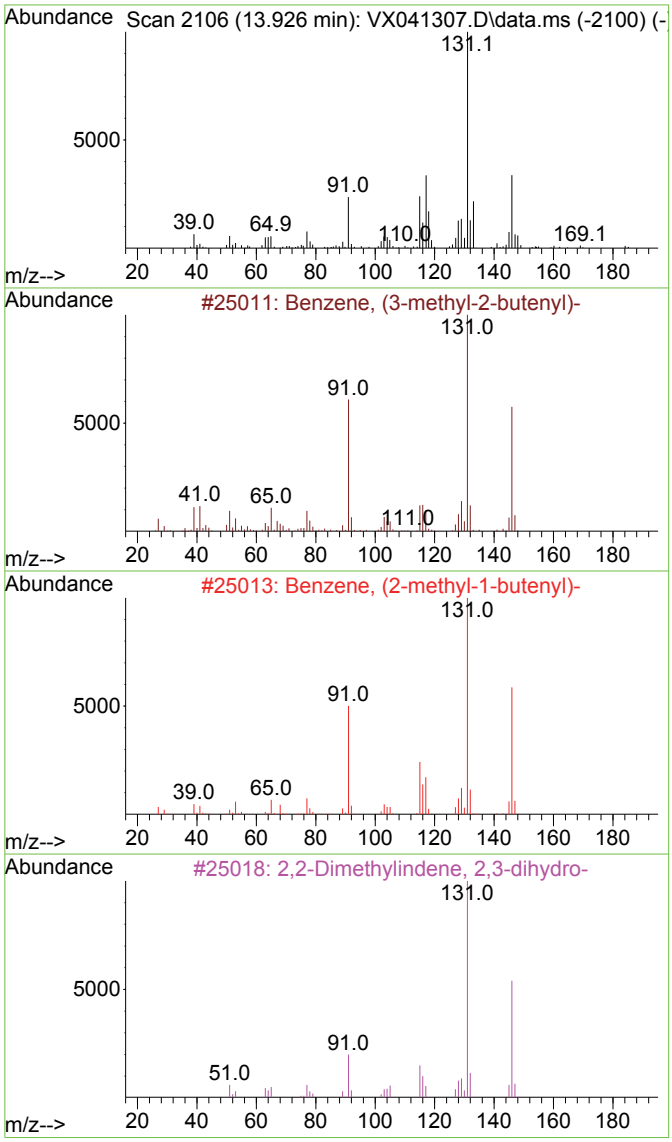
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

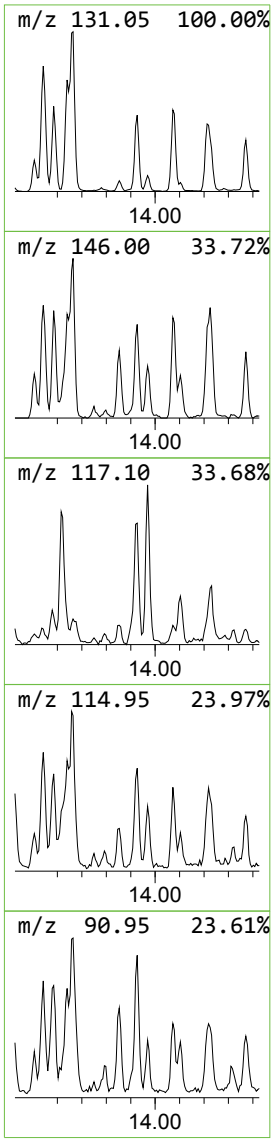
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 Benzene, (2-methyl-1-butenyl)- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.926 | 7.30 ug/l | 94841 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (3-methyl-2-butenyl)- | 146 | C11H14 | 004489-84-3 | 94 |
| 2 | Benzene, (2-methyl-1-butenyl)- | 146 | C11H14 | 056253-64-6 | 93 |
| 3 | 2,2-Dimethylindene, 2,3-dihydro- | 146 | C11H14 | 020836-11-7 | 89 |
| 4 | 1H-Inden-1-one, 2,3-dihydro-2-me... | 146 | C10H10O | 017496-14-9 | 81 |
| 5 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 001559-81-5 | 81 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
Data File : VX041307.D
Acq On : 30 Apr 2024 18:12
Operator : JC/MD
Sample : P2264-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-1-8.0-042324

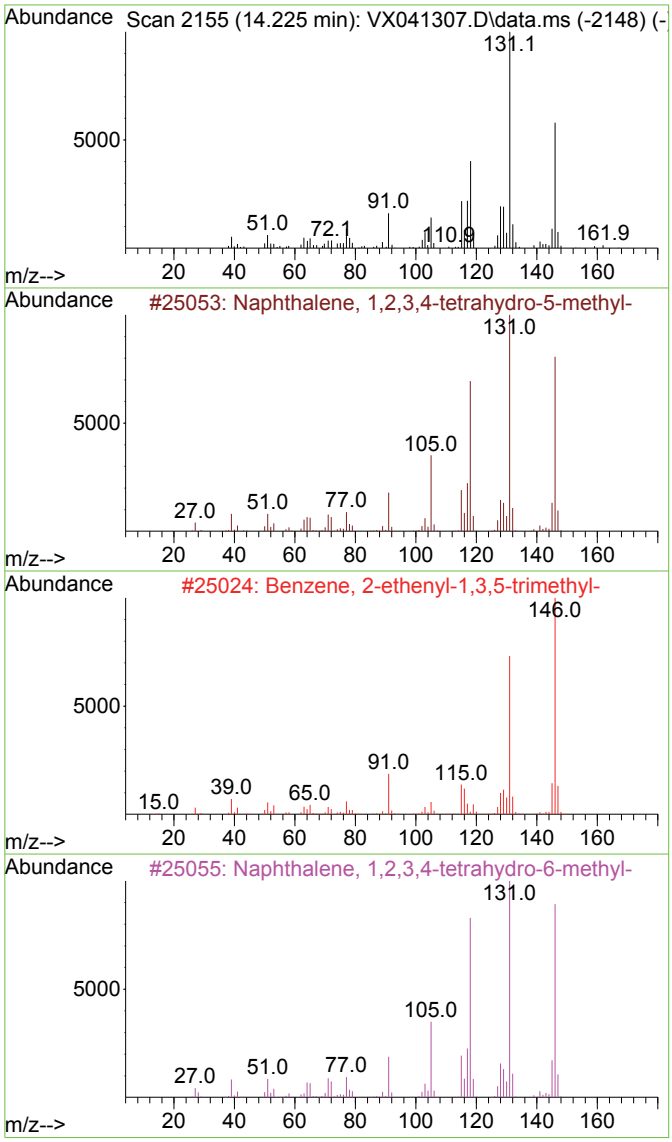
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

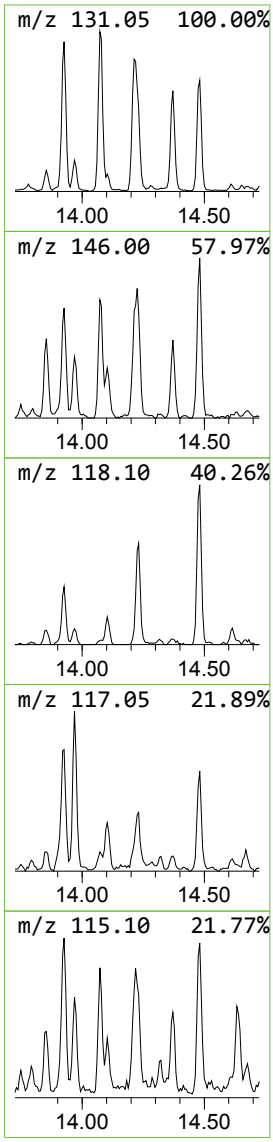
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.225 | 8.30 ug/l | 107832 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 002809-64-5 | 89 |
| 2 | Benzene, 2-ethenyl-1,3,5-trimethyl- | 146 | C11H14 | 000769-25-5 | 76 |
| 3 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 001680-51-9 | 76 |
| 4 | Benzene, 1-methyl-4-(1-methyl-2-... | 146 | C11H14 | 097664-18-1 | 70 |
| 5 | Benzene, (2-methyl-1-butenyl)- | 146 | C11H14 | 056253-64-6 | 68 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
Data File : VX041307.D
Acq On : 30 Apr 2024 18:12
Operator : JC/MD
Sample : P2264-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-1-8.0-042324

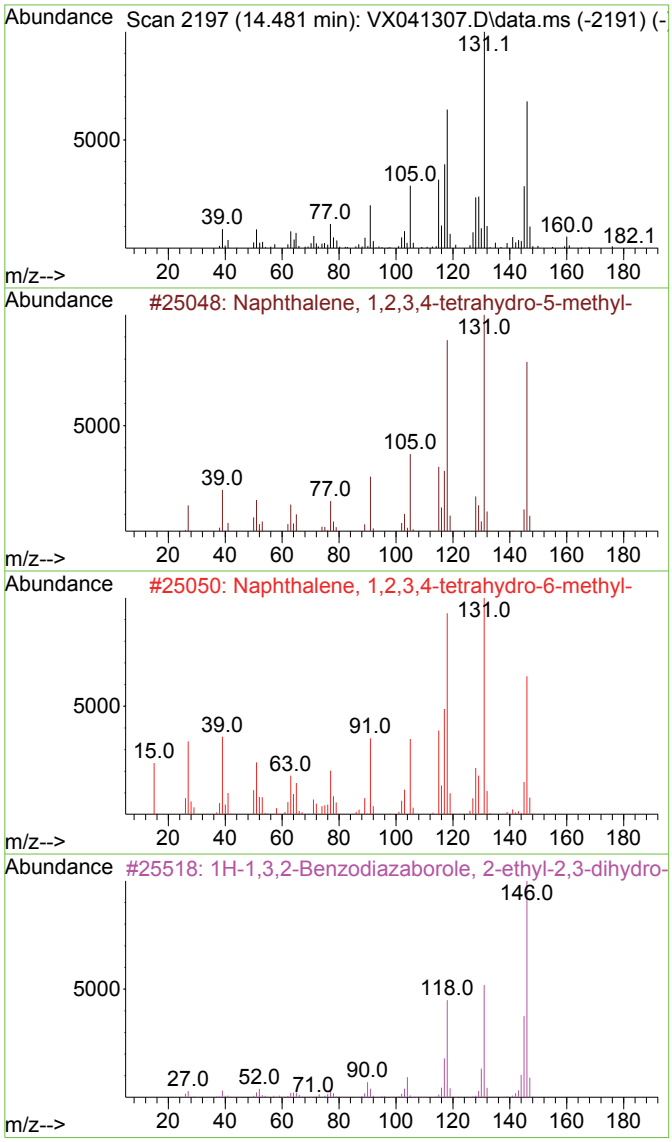
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

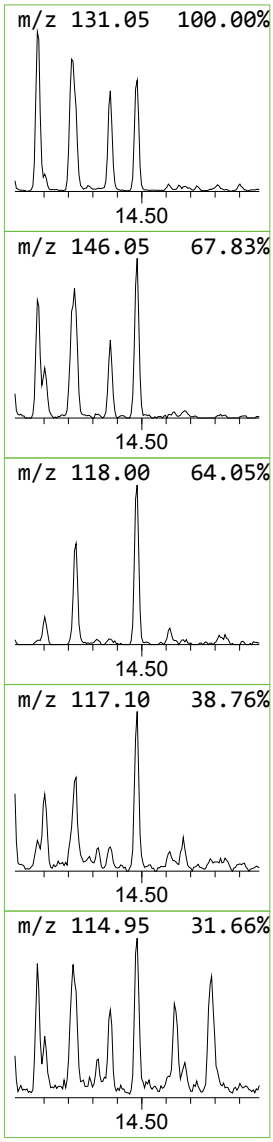
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.481 | 7.80 ug/l | 101269 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 002809-64-5 | 95 |
| 2 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 001680-51-9 | 94 |
| 3 | 1H-1,3,2-Benzodiazaborole, 2-eth... | 146 | C8H11BN2 | 074663-81-3 | 89 |
| 4 | Benzene, 2-ethenyl-1,3,5-trimethyl- | 146 | C11H14 | 000769-25-5 | 83 |
| 5 | Benzene, (1,2-dimethyl-1-propenyl)- | 146 | C11H14 | 000769-57-3 | 60 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
Data File : VX041307.D
Acq On : 30 Apr 2024 18:12
Operator : JC/MD
Sample : P2264-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-1-8.0-042324

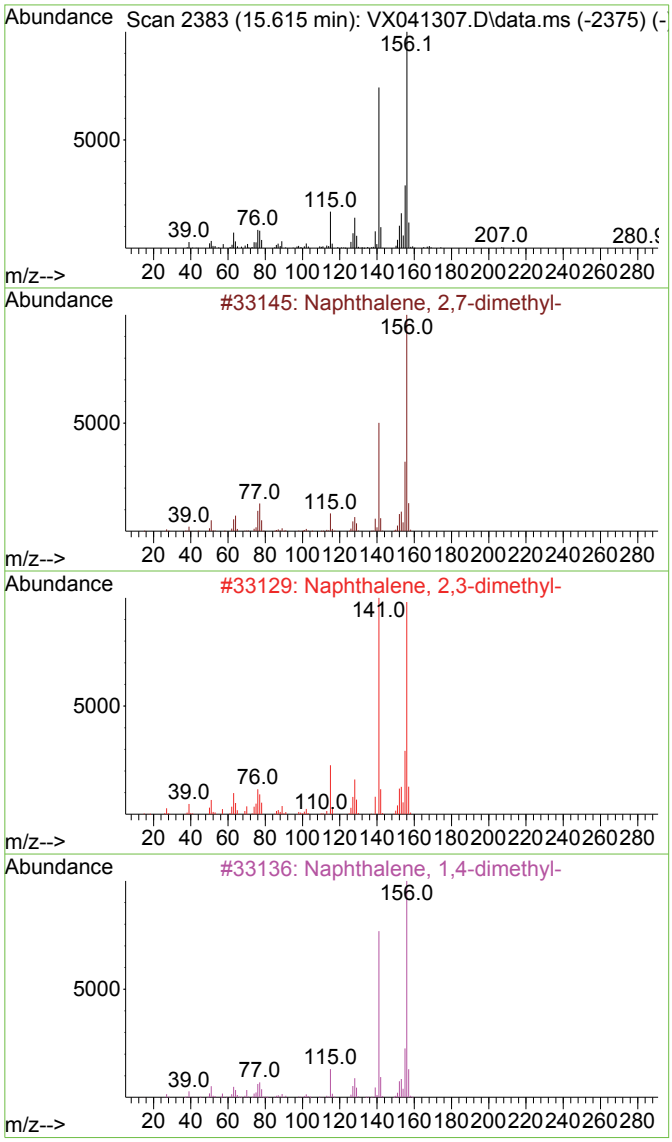
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

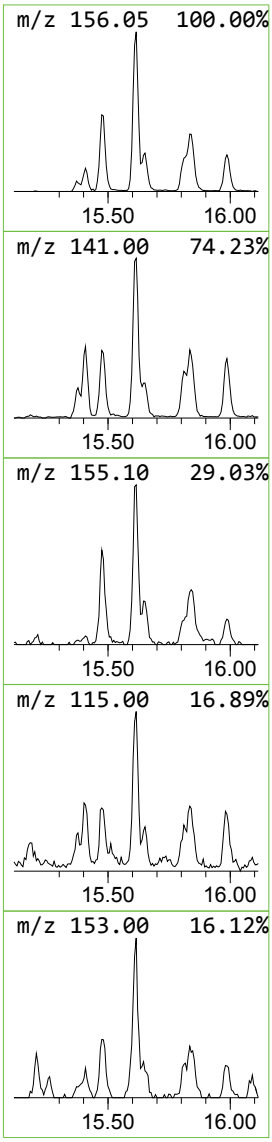
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 Naphthalene, 2,7-dimethyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.615 | 9.75 ug/l | 126679 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 97 |
| 2 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |
| 3 | Naphthalene, 1,4-dimethyl- | 156 | C12H12 | 000571-58-4 | 97 |
| 4 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 97 |
| 5 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 96 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
Data File : VX041307.D
Acq On : 30 Apr 2024 18:12
Operator : JC/MD
Sample : P2264-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-1-8.0-042324

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.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, 1,2-di... | 12.244 | 23.1 | ug/l | 300406 | 4 | 12.024 | 649397 | 50.0 |
| Benzene, 4-ethy... | 12.609 | 22.8 | ug/l | 296304 | 4 | 12.024 | 649397 | 50.0 |
| (E)-1-Phenyl-1-... | 12.646 | 10.3 | ug/l | 134133 | 4 | 12.024 | 649397 | 50.0 |
| Benzene, 1-ethe... | 12.695 | 41.4 | ug/l | 538265 | 4 | 12.024 | 649397 | 50.0 |
| Benzene, 1,2,3,... | 12.920 | 23.3 | ug/l | 302110 | 4 | 12.024 | 649397 | 50.0 |
| Benzene, 2-ethe... | 13.170 | 22.8 | ug/l | 296621 | 4 | 12.024 | 649397 | 50.0 |
| 1H-Indene, 2,3-... | 13.292 | 48.6 | ug/l | 631843 | 4 | 12.024 | 649397 | 50.0 |
| Benzene, (3-met... | 13.542 | 7.8 | ug/l | 100927 | 4 | 12.024 | 649397 | 50.0 |
| Benzene, (1-met... | 13.585 | 8.1 | ug/l | 105244 | 4 | 12.024 | 649397 | 50.0 |
| 1H-Indene, 2,3-... | 13.640 | 7.4 | ug/l | 95871 | 4 | 12.024 | 649397 | 50.0 |
| 1H-Indene, 2,3-... | 13.664 | 13.9 | ug/l | 180710 | 4 | 12.024 | 649397 | 50.0 |
| Benzene, (2-met... | 13.926 | 7.3 | ug/l | 94841 | 4 | 12.024 | 649397 | 50.0 |
| Naphthalene, 1,... | 14.225 | 8.3 | ug/l | 107832 | 4 | 12.024 | 649397 | 50.0 |
| Naphthalene, 1,... | 14.481 | 7.8 | ug/l | 101269 | 4 | 12.024 | 649397 | 50.0 |
| Naphthalene, 2,... | 15.615 | 9.8 | ug/l | 126679 | 4 | 12.024 | 649397 | 50.0 |