LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050224\
Data File : VX041349.D
Acq On : 02 May 2024 13:27
Operator : JC/MD
Sample : P2264-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T3-MW-1-9.0-042424

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: VX041349.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.715 | 99 | 103 | 115 | rVB | 112439 | 152456 | 2.26% | 0.424% |
| 2 | 1.935 | 134 | 139 | 149 | rVB | 56278 | 84441 | 1.25% | 0.235% |
| 3 | 2.203 | 178 | 183 | 194 | rVB | 51137 | 77243 | 1.15% | 0.215% |
| 4 | 2.819 | 279 | 284 | 286 | rVV | 52645 | 104232 | 1.55% | 0.290% |
| 5 | 2.861 | 286 | 291 | 308 | rVB2 | 115756 | 293554 | 4.36% | 0.816% |
| 6 | 3.093 | 321 | 329 | 346 | rVB2 | 58074 | 143228 | 2.13% | 0.398% |
| 7 | 3.306 | 356 | 364 | 377 | rBV2 | 32790 | 77175 | 1.15% | 0.215% |
| 8 | 3.721 | 423 | 432 | 441 | rBV | 128513 | 313805 | 4.66% | 0.873% |
| 9 | 3.831 | 442 | 450 | 456 | rVV | 79171 | 210224 | 3.12% | 0.585% |
| 10 | 3.898 | 456 | 461 | 469 | rVV | 42711 | 110103 | 1.63% | 0.306% |
| 11 | 4.093 | 484 | 493 | 504 | rBV2 | 93900 | 244496 | 3.63% | 0.680% |
| 12 | 4.294 | 516 | 526 | 538 | rBV | 262409 | 738609 | 10.97% | 2.054% |
| 13 | 4.416 | 538 | 546 | 559 | rVB | 43732 | 130712 | 1.94% | 0.363% |
| 14 | 5.190 | 659 | 673 | 692 | rVB | 186675 | 580276 | 8.62% | 1.613% |
| 15 | 5.385 | 692 | 705 | 711 | rBV | 91992 | 266707 | 3.96% | 0.742% |
| 16 | 5.464 | 711 | 718 | 725 | rVV | 82286 | 225207 | 3.34% | 0.626% |
| 17 | 5.550 | 725 | 732 | 741 | rVB | 135339 | 351837 | 5.22% | 0.978% |
| 18 | 5.824 | 764 | 777 | 789 | rVB3 | 24930 | 79180 | 1.18% | 0.220% |
| 19 | 5.958 | 789 | 799 | 805 | rBV | 87164 | 230240 | 3.42% | 0.640% |
| 20 | 6.037 | 805 | 812 | 822 | rVB | 67839 | 174191 | 2.59% | 0.484% |
| 21 | 6.196 | 824 | 838 | 845 | rBV | 108816 | 366560 | 5.44% | 1.019% |
| 22 | 6.354 | 856 | 864 | 876 | rVB3 | 27367 | 84701 | 1.26% | 0.236% |
| 23 | 6.757 | 921 | 930 | 939 | rBV | 231161 | 657306 | 9.76% | 1.828% |
| 24 | 6.848 | 942 | 945 | 957 | rVB3 | 81500 | 179849 | 2.67% | 0.500% |
| 25 | 7.165 | 989 | 997 | 1017 | rVB | 66645 | 158477 | 2.35% | 0.441% |
| 26 | 7.373 | 1017 | 1031 | 1045 | rBV4 | 115654 | 331957 | 4.93% | 0.923% |
| 27 | 7.854 | 1102 | 1110 | 1111 | rBV2 | 41698 | 70686 | 1.05% | 0.197% |
| 28 | 8.141 | 1143 | 1157 | 1162 | rBV | 163954 | 334123 | 4.96% | 0.929% |
| 29 | 8.500 | 1210 | 1216 | 1227 | rVB | 143283 | 254128 | 3.77% | 0.707% |
| 30 | 8.647 | 1235 | 1240 | 1247 | rVB | 419556 | 646314 | 9.60% | 1.797% |
| 31 | 8.958 | 1287 | 1291 | 1300 | rVB3 | 39699 | 76005 | 1.13% | 0.211% |
| 32 | 10.055 | 1461 | 1471 | 1476 | rBV | 467369 | 645080 | 9.58% | 1.794% |
| 33 | 10.299 | 1504 | 1511 | 1517 | rVB | 295559 | 426646 | 6.33% | 1.186% |
| 34 | 10.598 | 1546 | 1560 | 1565 | rBV3 | 50765 | 140054 | 2.08% | 0.389% |
| 35 | 10.781 | 1576 | 1590 | 1597 | rBV2 | 108947 | 191192 | 2.84% | 0.532% |
| 36 | 10.854 | 1597 | 1602 | 1608 | rBV3 | 70204 | 110054 | 1.63% | 0.306% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050224\
Data File : VX041349.D
Acq On : 02 May 2024 13:27
Operator : JC/MD
Sample : P2264-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T3-MW-1-9.0-042424

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 | 10.963 | 1614 | 1620 | 1631 | rVB | 1192366 | 1562529 | 23.20% | 4.345% |
| 38 | 11.079 | 1634 | 1639 | 1644 | rVV | 392536 | 508291 | 7.55% | 1.413% |
| 39 | 11.305 | 1670 | 1676 | 1685 | rBV | 2344929 | 2854860 | 42.39% | 7.938% |
| 40 | 11.396 | 1685 | 1691 | 1695 | rBV | 64625 | 92437 | 1.37% | 0.257% |
| 41 | 11.610 | 1721 | 1726 | 1735 | rBV | 228564 | 308417 | 4.58% | 0.858% |
| 42 | 11.713 | 1735 | 1743 | 1747 | rBV | 88228 | 113660 | 1.69% | 0.316% |
| 43 | 11.866 | 1761 | 1768 | 1769 | rBV | 172899 | 218039 | 3.24% | 0.606% |
| 44 | 11.890 | 1769 | 1772 | 1778 | rVB | 326355 | 403155 | 5.99% | 1.121% |
| 45 | 12.018 | 1788 | 1793 | 1799 | rBV | 538851 | 693459 | 10.30% | 1.928% |
| 46 | 12.085 | 1800 | 1804 | 1814 | rVB | 85063 | 113297 | 1.68% | 0.315% |
| 47 | 12.177 | 1814 | 1819 | 1824 | rVB | 168859 | 202876 | 3.01% | 0.564% |
| 48 | 12.244 | 1824 | 1830 | 1837 | rBV | 5551218 | 6735101 | 100.00% | 18.727% |
| 49 | 12.311 | 1837 | 1841 | 1843 | rBV | 172282 | 237582 | 3.53% | 0.661% |
| 50 | 12.402 | 1851 | 1856 | 1862 | rBV | 216988 | 265209 | 3.94% | 0.737% |
| 51 | 12.609 | 1882 | 1890 | 1893 | rBV | 1262591 | 1545232 | 22.94% | 4.297% |
| 52 | 12.646 | 1893 | 1896 | 1900 | rVV | 486686 | 592647 | 8.80% | 1.648% |
| 53 | 12.701 | 1900 | 1905 | 1912 | rVB2 | 1192016 | 1900329 | 28.22% | 5.284% |
| 54 | 12.835 | 1920 | 1927 | 1933 | rVB | 170216 | 250468 | 3.72% | 0.696% |
| 55 | 12.920 | 1933 | 1941 | 1946 | rBV | 854909 | 1048972 | 15.57% | 2.917% |
| 56 | 13.024 | 1953 | 1958 | 1964 | rVB2 | 61337 | 97126 | 1.44% | 0.270% |
| 57 | 13.091 | 1965 | 1969 | 1973 | rBV | 65314 | 91267 | 1.36% | 0.254% |
| 58 | 13.134 | 1973 | 1976 | 1978 | rVV2 | 86871 | 102404 | 1.52% | 0.285% |
| 59 | 13.170 | 1978 | 1982 | 1991 | rVB | 316468 | 438932 | 6.52% | 1.220% |
| 60 | 13.286 | 1991 | 2001 | 2008 | rBV2 | 1842158 | 2577236 | 38.27% | 7.166% |
| 61 | 13.420 | 2020 | 2023 | 2030 | rVB | 99680 | 134178 | 1.99% | 0.373% |
| 62 | 13.506 | 2030 | 2037 | 2040 | rBV | 46811 | 67365 | 1.00% | 0.187% |
| 63 | 13.542 | 2040 | 2043 | 2046 | rVV | 85773 | 117408 | 1.74% | 0.326% |
| 64 | 13.585 | 2046 | 2050 | 2053 | rVV2 | 151350 | 229225 | 3.40% | 0.637% |
| 65 | 13.640 | 2053 | 2059 | 2060 | rVV3 | 95525 | 150774 | 2.24% | 0.419% |
| 66 | 13.664 | 2060 | 2063 | 2070 | rVB2 | 140240 | 219743 | 3.26% | 0.611% |
| 67 | 13.792 | 2079 | 2084 | 2089 | rVB2 | 50578 | 93184 | 1.38% | 0.259% |
| 68 | 13.853 | 2089 | 2094 | 2099 | rBV | 115814 | 135823 | 2.02% | 0.378% |
| 69 | 13.926 | 2099 | 2106 | 2110 | rBV2 | 118407 | 166996 | 2.48% | 0.464% |
| 70 | 14.225 | 2148 | 2155 | 2163 | rBV | 169614 | 306881 | 4.56% | 0.853% |
| 71 | 14.371 | 2175 | 2179 | 2184 | rBV2 | 52896 | 76630 | 1.14% | 0.213% |
| 72 | 14.481 | 2192 | 2197 | 2203 | rBV2 | 195247 | 261976 | 3.89% | 0.728% |
| 73 | 14.780 | 2240 | 2246 | 2255 | rBV | 1013177 | 1311005 | 19.47% | 3.645% |
| 74 | 15.475 | 2353 | 2360 | 2365 | rBV | 80857 | 126298 | 1.88% | 0.351% |
| 75 | 15.615 | 2375 | 2383 | 2386 | rBV | 102238 | 179381 | 2.66% | 0.499% |
| 76 | 15.645 | 2386 | 2388 | 2397 | rVB | 68229 | 96935 | 1.44% | 0.270% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050224\
Data File : VX041349.D
Acq On : 02 May 2024 13:27
Operator : JC/MD
Sample : P2264-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T3-MW-1-9.0-042424

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 | 15.834 | 2409 | 2419 | 2432 | rVB | 28491 | 75622 | 1.12% | 0.210% |

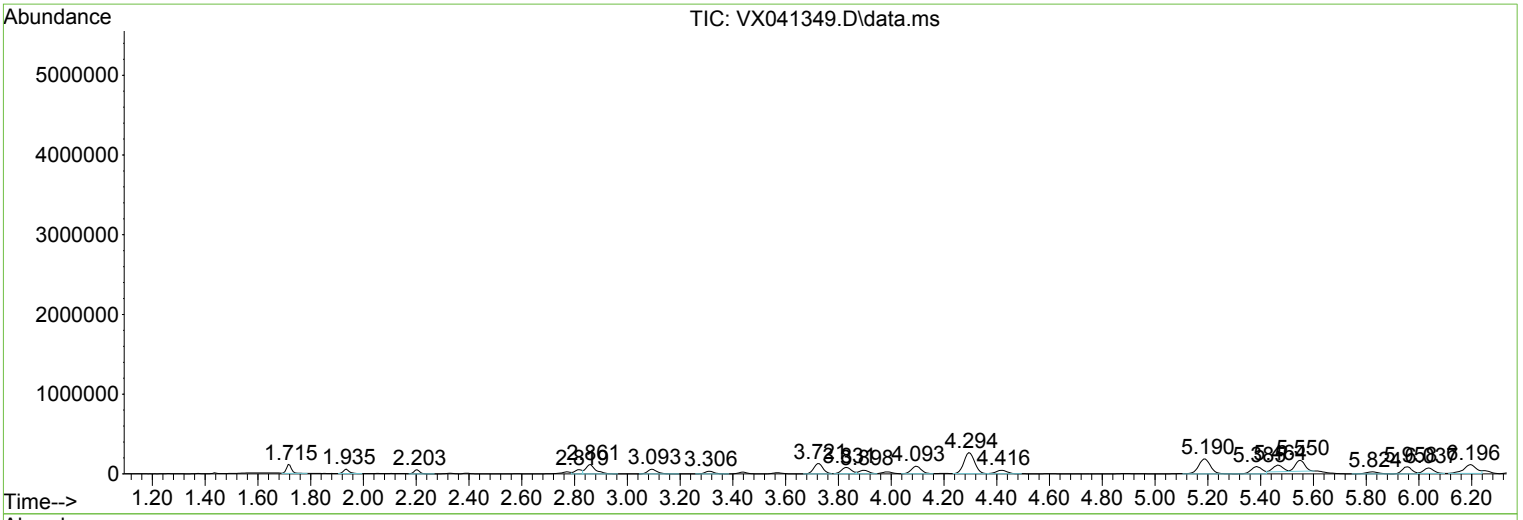
Sum of corrected areas: 35963997

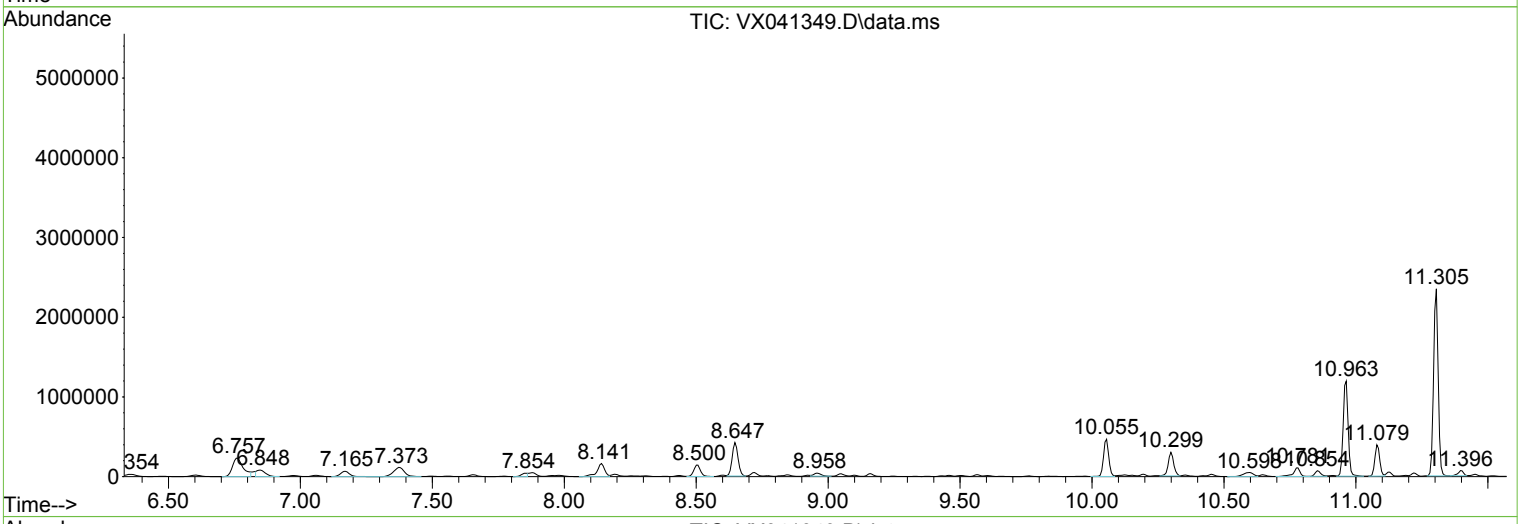
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050224\
Data File : VX041349.D
Acq On : 02 May 2024 13:27
Operator : JC/MD
Sample : P2264-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

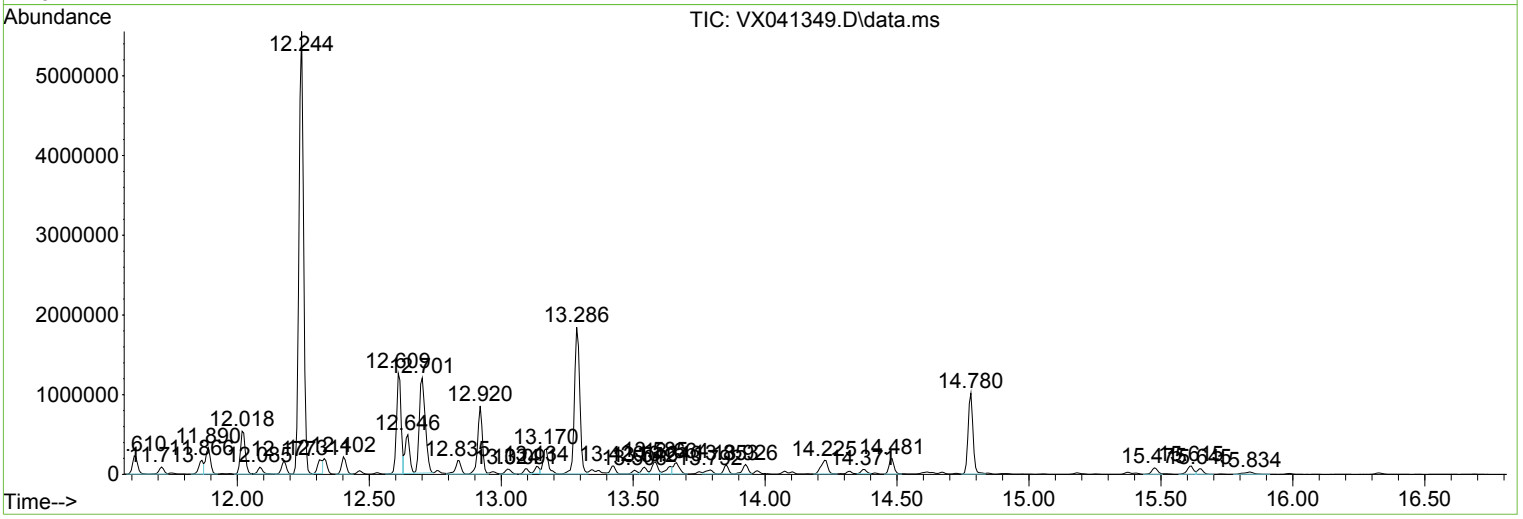
**Instrument :**
MSVOA_X
**ClientSampleId :**
T3-MW-1-9.0-042424

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\VX050224\
Data File : VX041349.D
Acq On : 02 May 2024 13:27
Operator : JC/MD
Sample : P2264-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T3-MW-1-9.0-042424

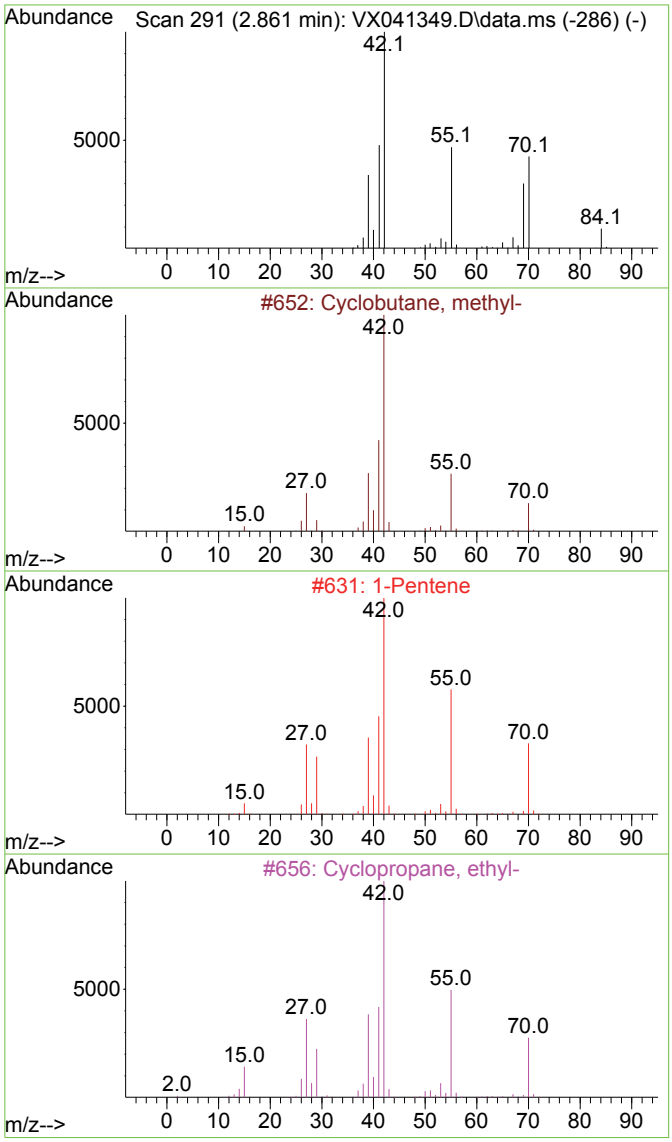
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

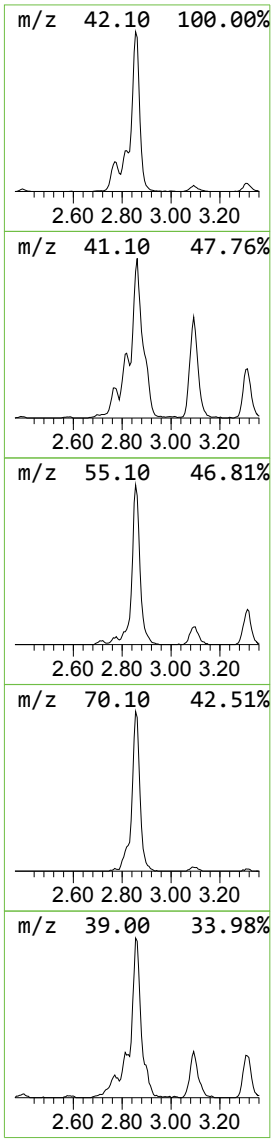
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Cyclobutane, methyl- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.861 | 41.72 ug/l | 293554 | Pentafluorobenzene | 5.550 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclobutane, methyl- | 70 | C5H10 | 000598-61-8 | 80 |
| 2 | 1-Pentene | 70 | C5H10 | 000109-67-1 | 64 |
| 3 | Cyclopropane, ethyl- | 70 | C5H10 | 001191-96-4 | 38 |
| 4 | 3-Buten-1-ol | 72 | C4H8O | 000627-27-0 | 25 |
| 5 | Cyclopentane | 70 | C5H10 | 000287-92-3 | 16 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050224\
Data File : VX041349.D
Acq On : 02 May 2024 13:27
Operator : JC/MD
Sample : P2264-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T3-MW-1-9.0-042424

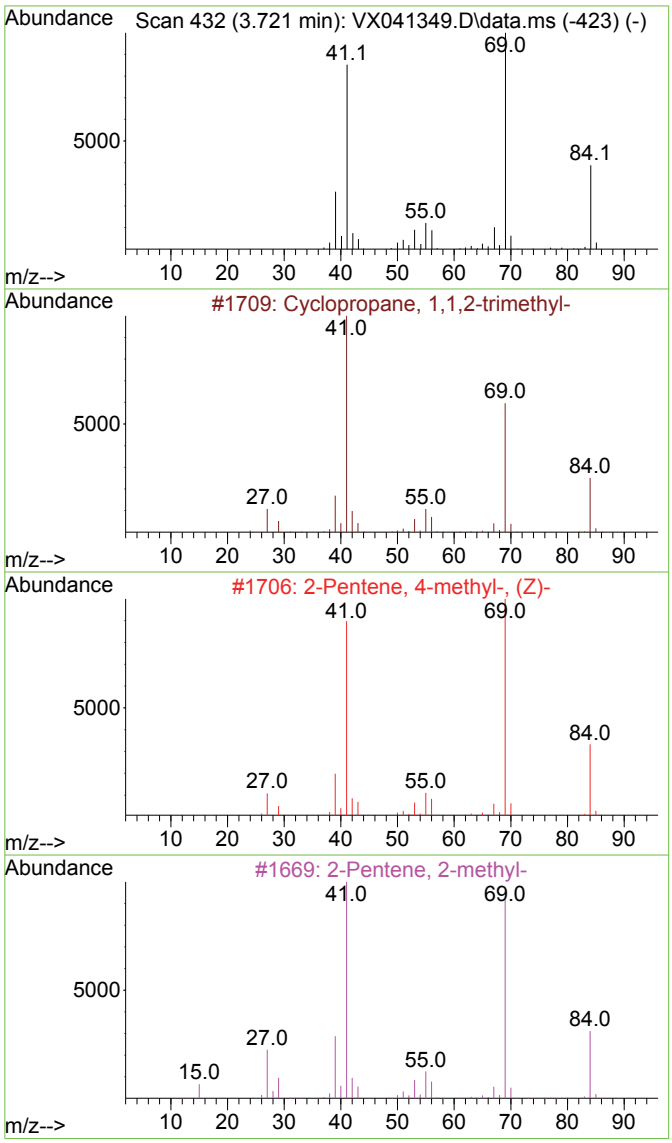
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

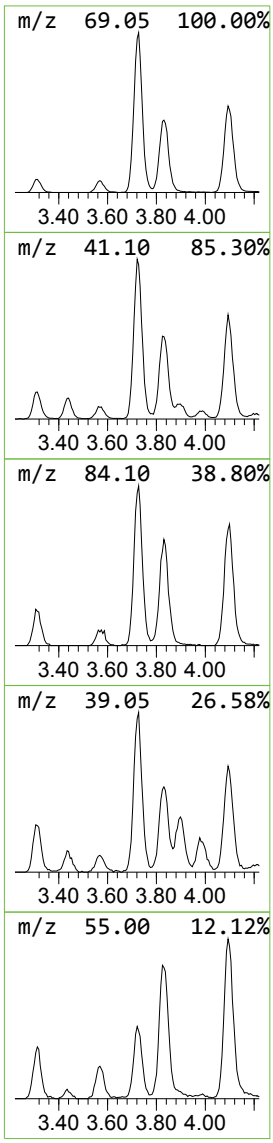
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Cyclopropane, 1,1,2-trimethyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.721 | 44.60 ug/l | 313805 | Pentafluorobenzene | 5.550 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopropane, 1,1,2-trimethyl- | 84 | C6H12 | 004127-45-1 | 91 |
| 2 | 2-Pentene, 4-methyl-, (Z)- | 84 | C6H12 | 000691-38-3 | 91 |
| 3 | 2-Pentene, 2-methyl- | 84 | C6H12 | 000625-27-4 | 91 |
| 4 | 2-Butene, 2,3-dimethyl- | 84 | C6H12 | 000563-79-1 | 91 |
| 5 | 1-Butene, 2,3-dimethyl- | 84 | C6H12 | 000563-78-0 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050224\
Data File : VX041349.D
Acq On : 02 May 2024 13:27
Operator : JC/MD
Sample : P2264-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T3-MW-1-9.0-042424

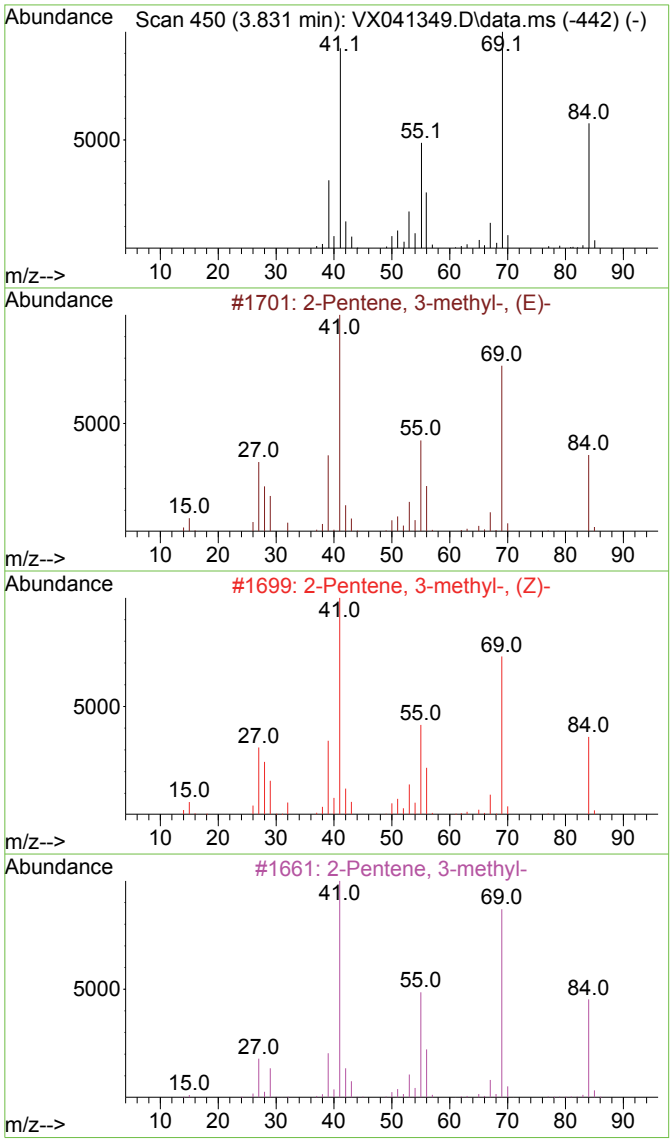
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

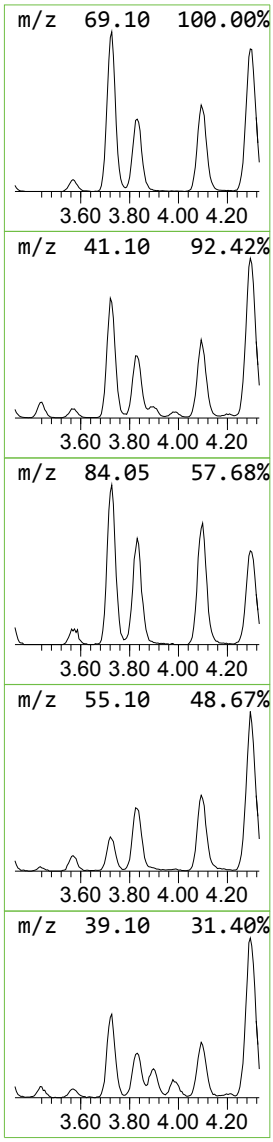
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 2-Pentene, 3-methyl-, (E)- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.831 | 29.88 ug/l | 210224 | Pentafluorobenzene | 5.550 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentene, 3-methyl-, (E)- | 84 | C6H12 | 000616-12-6 | 95 |
| 2 | 2-Pentene, 3-methyl-, (Z)- | 84 | C6H12 | 000922-62-3 | 94 |
| 3 | 2-Pentene, 3-methyl- | 84 | C6H12 | 000922-61-2 | 91 |
| 4 | Cyclopropane, 1,2,3-trimethyl- | 84 | C6H12 | 042984-19-0 | 91 |
| 5 | 2-Butene, 2,3-dimethyl- | 84 | C6H12 | 000563-79-1 | 87 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050224\
Data File : VX041349.D
Acq On : 02 May 2024 13:27
Operator : JC/MD
Sample : P2264-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T3-MW-1-9.0-042424

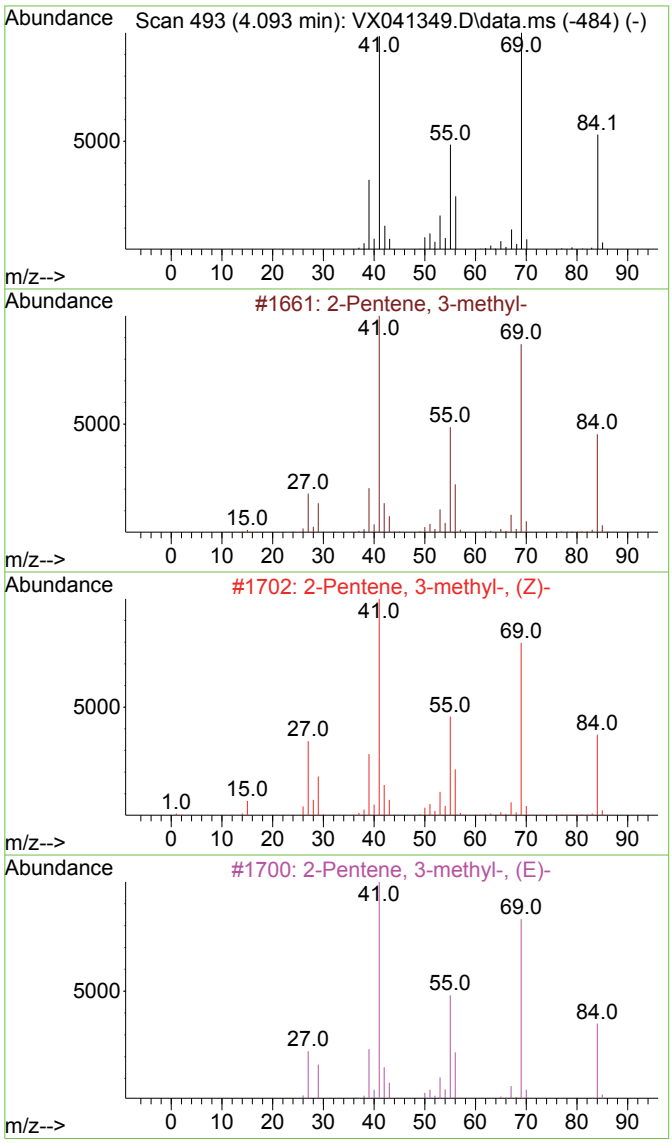
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

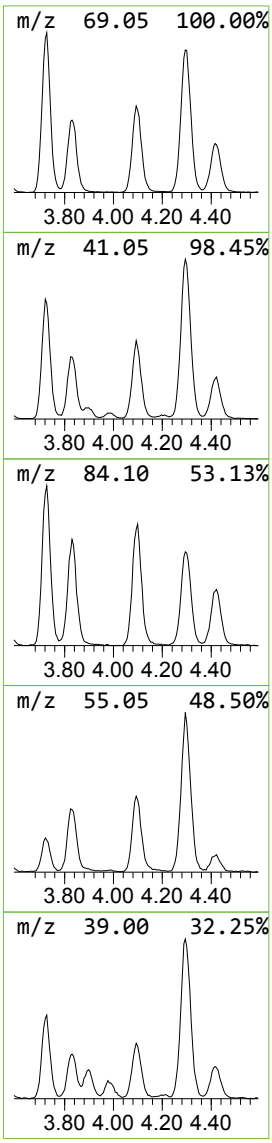
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 2-Pentene, 3-methyl- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.093 | 34.75 ug/l | 244496 | Pentafluorobenzene | 5.550 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentene, 3-methyl- | 84 | C6H12 | 000922-61-2 | 94 |
| 2 | 2-Pentene, 3-methyl-, (Z)- | 84 | C6H12 | 000922-62-3 | 94 |
| 3 | 2-Pentene, 3-methyl-, (E)- | 84 | C6H12 | 000616-12-6 | 91 |
| 4 | Cyclopropane, 1,2,3-trimethyl- | 84 | C6H12 | 042984-19-0 | 90 |
| 5 | Cyclopropane, 1,1,2-trimethyl- | 84 | C6H12 | 004127-45-1 | 86 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050224\
Data File : VX041349.D
Acq On : 02 May 2024 13:27
Operator : JC/MD
Sample : P2264-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T3-MW-1-9.0-042424

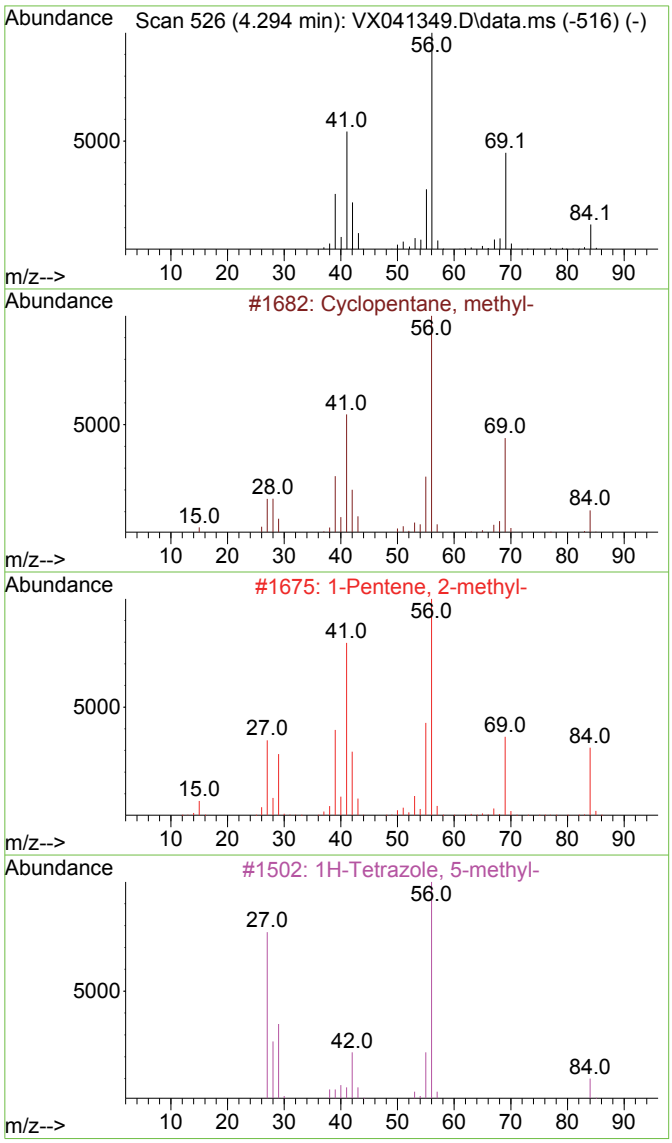
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

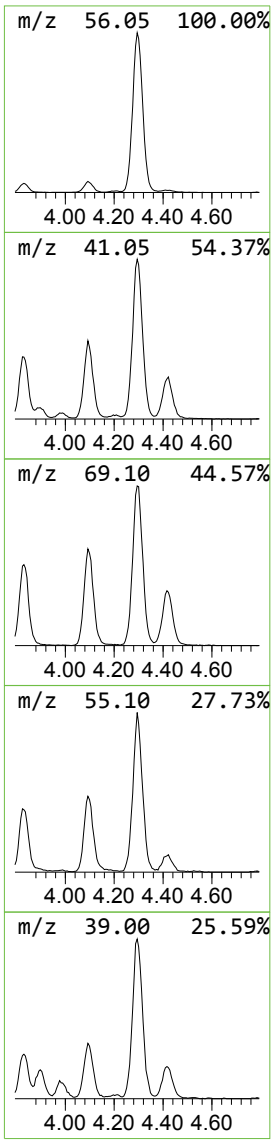
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Cyclopentane, methyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.294 | 104.97 ug/l | 738609 | Pentafluorobenzene | 5.550 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentane, methyl- | 84 | C6H12 | 000096-37-7 | 94 |
| 2 | 1-Pentene, 2-methyl- | 84 | C6H12 | 000763-29-1 | 72 |
| 3 | 1H-Tetrazole, 5-methyl- | 84 | C2H4N4 | 004076-36-2 | 72 |
| 4 | Cyclobutane, ethyl- | 84 | C6H12 | 004806-61-5 | 64 |
| 5 | Cyclohexane | 84 | C6H12 | 000110-82-7 | 56 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050224\
Data File : VX041349.D
Acq On : 02 May 2024 13:27
Operator : JC/MD
Sample : P2264-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T3-MW-1-9.0-042424

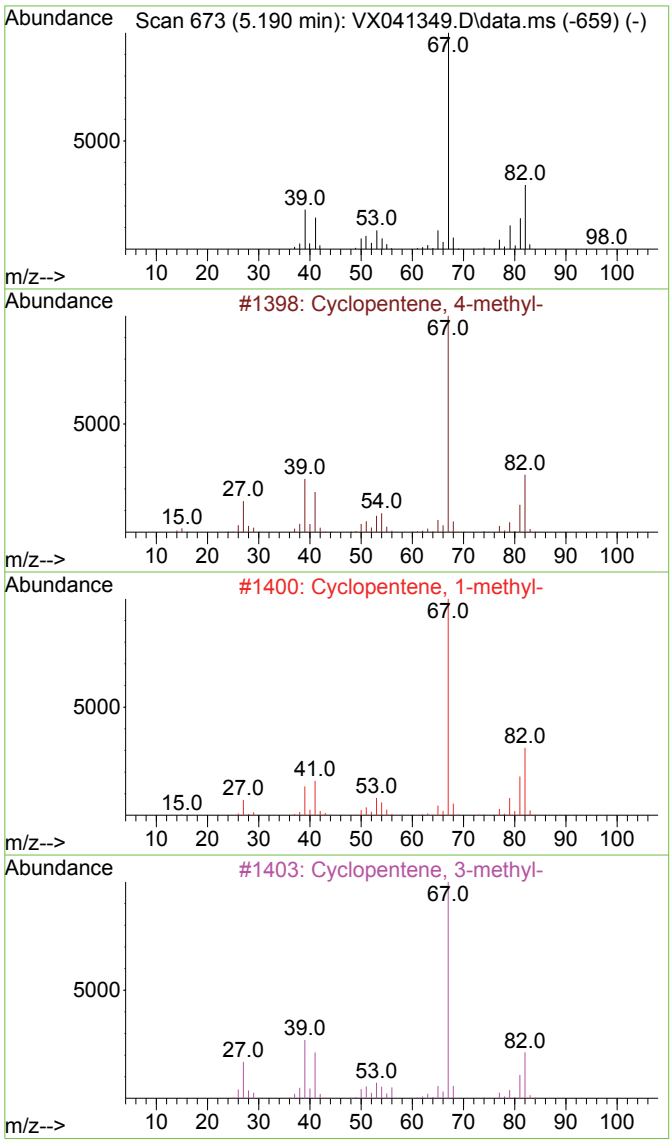
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

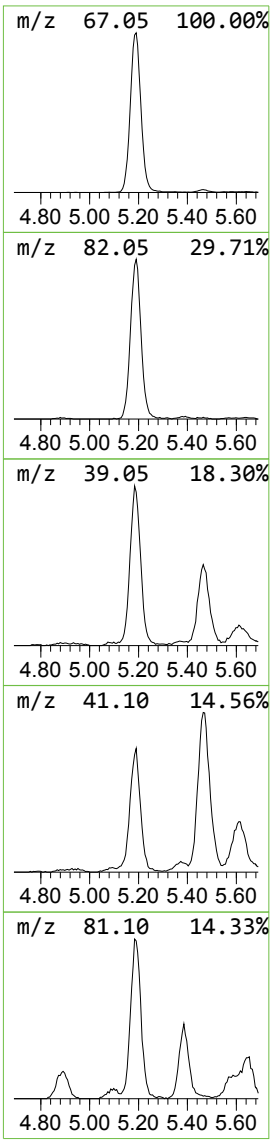
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Cyclopentene, 4-methyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.190 | 82.46 ug/l | 580276 | Pentafluorobenzene | 5.550 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentene, 4-methyl- | 82 | C6H10 | 001759-81-5 | 90 |
| 2 | Cyclopentene, 1-methyl- | 82 | C6H10 | 000693-89-0 | 90 |
| 3 | Cyclopentene, 3-methyl- | 82 | C6H10 | 001120-62-3 | 87 |
| 4 | Cyclopentane, methylene- | 82 | C6H10 | 001528-30-9 | 83 |
| 5 | 1,4-Pentadiene, 3-methyl- | 82 | C6H10 | 001115-08-8 | 80 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050224\
Data File : VX041349.D
Acq On : 02 May 2024 13:27
Operator : JC/MD
Sample : P2264-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T3-MW-1-9.0-042424

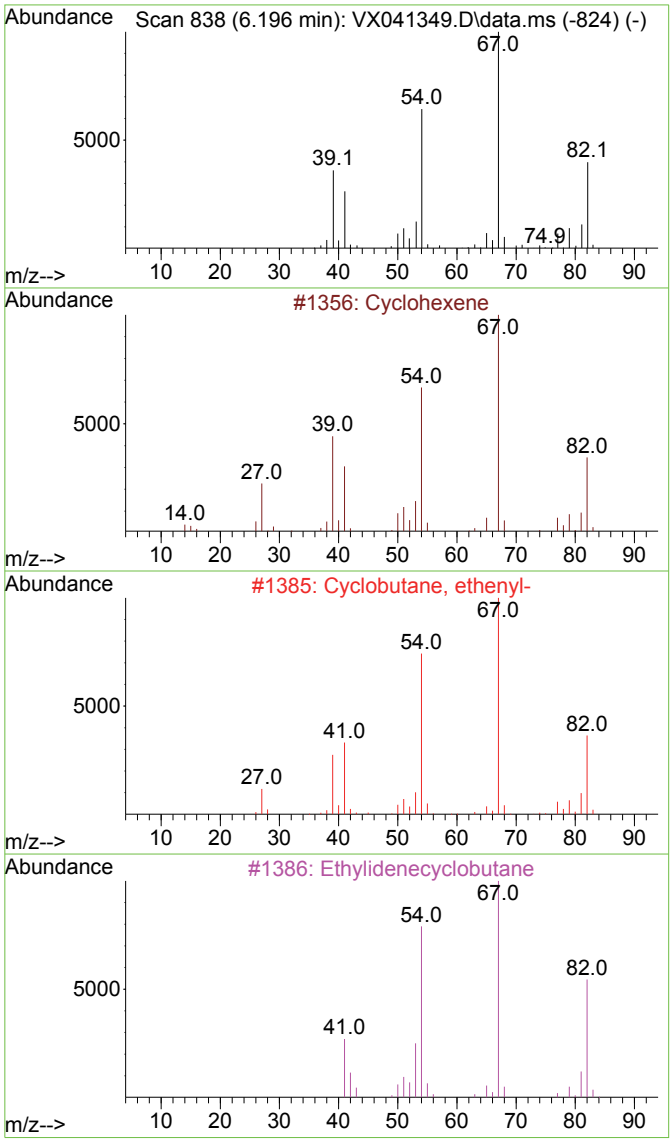
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

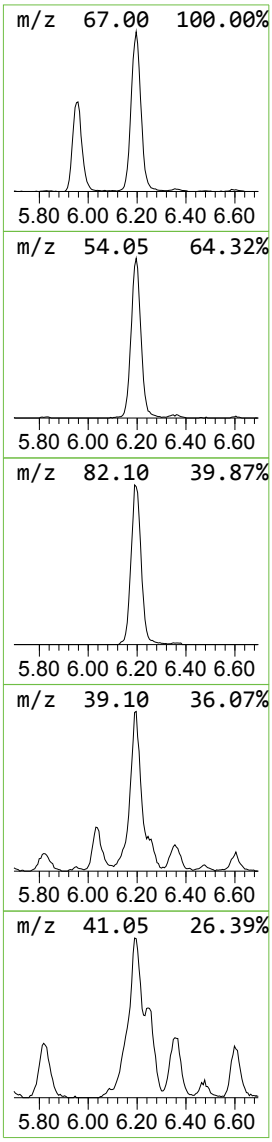
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Cyclobutane, ethenyl- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.196 | 27.88 ug/l | 366560 | 1,4-Difluorobenzene | 6.763 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexene | 82 | C6H10 | 000110-83-8 | 94 |
| 2 | Cyclobutane, ethenyl- | 82 | C6H10 | 002597-49-1 | 90 |
| 3 | Ethylidenecyclobutane | 82 | C6H10 | 001528-21-8 | 87 |
| 4 | 2,4-Hexadiene, (E,Z)- | 82 | C6H10 | 005194-50-3 | 81 |
| 5 | (Z),(Z)-2,4-Hexadiene | 82 | C6H10 | 006108-61-8 | 81 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050224\
Data File : VX041349.D
Acq On : 02 May 2024 13:27
Operator : JC/MD
Sample : P2264-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T3-MW-1-9.0-042424

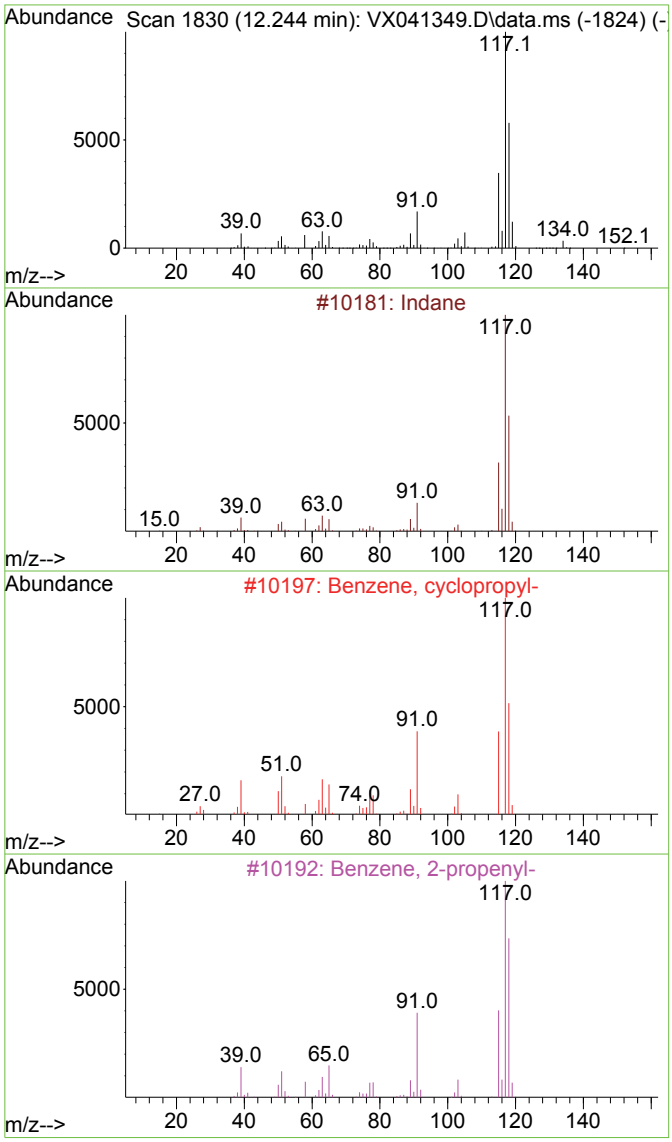
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

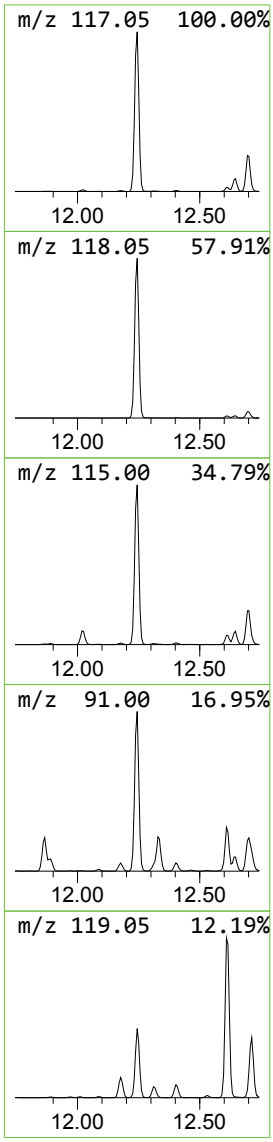
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Indane Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.244 | 485.62 ug/l | 6735100 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indane | 118 | C9H10 | 000496-11-7 | 81 |
| 2 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 81 |
| 3 | Benzene, 2-propenyl- | 118 | C9H10 | 000300-57-2 | 74 |
| 4 | Benzeneethanol, .beta.-ethenyl-.... | 162 | C11H14O | 040596-14-3 | 50 |
| 5 | Benzene, 1-propenyl- | 118 | C9H10 | 000637-50-3 | 49 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050224\
Data File : VX041349.D
Acq On : 02 May 2024 13:27
Operator : JC/MD
Sample : P2264-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T3-MW-1-9.0-042424

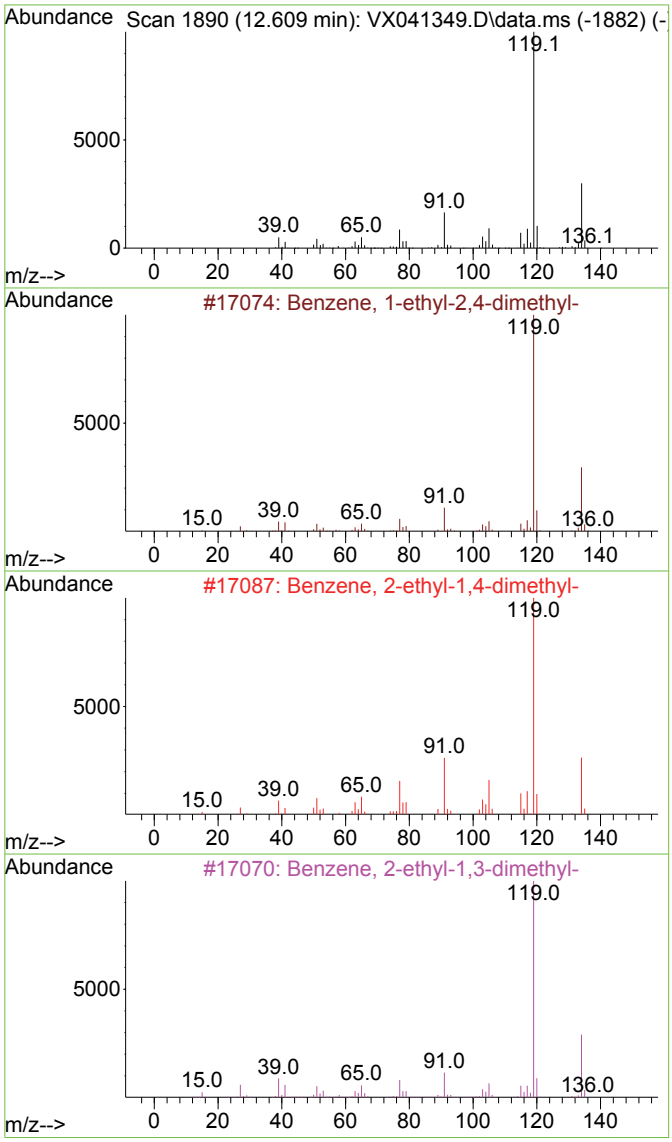
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

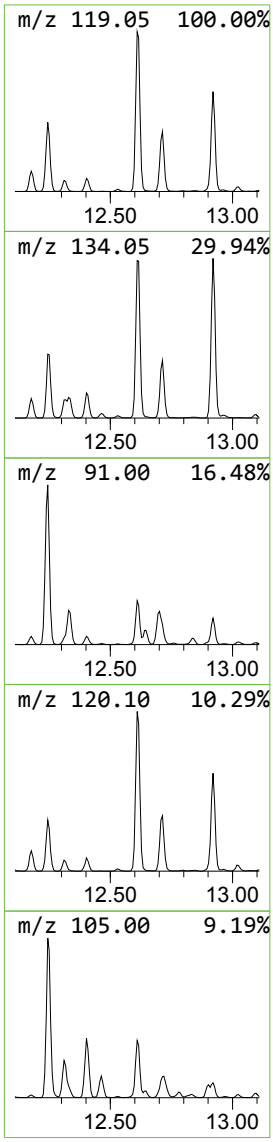
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.610 | 111.42 ug/l | 1545230 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 97 |
| 2 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 96 |
| 3 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 95 |
| 4 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 95 |
| 5 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 95 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050224\
Data File : VX041349.D
Acq On : 02 May 2024 13:27
Operator : JC/MD
Sample : P2264-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T3-MW-1-9.0-042424

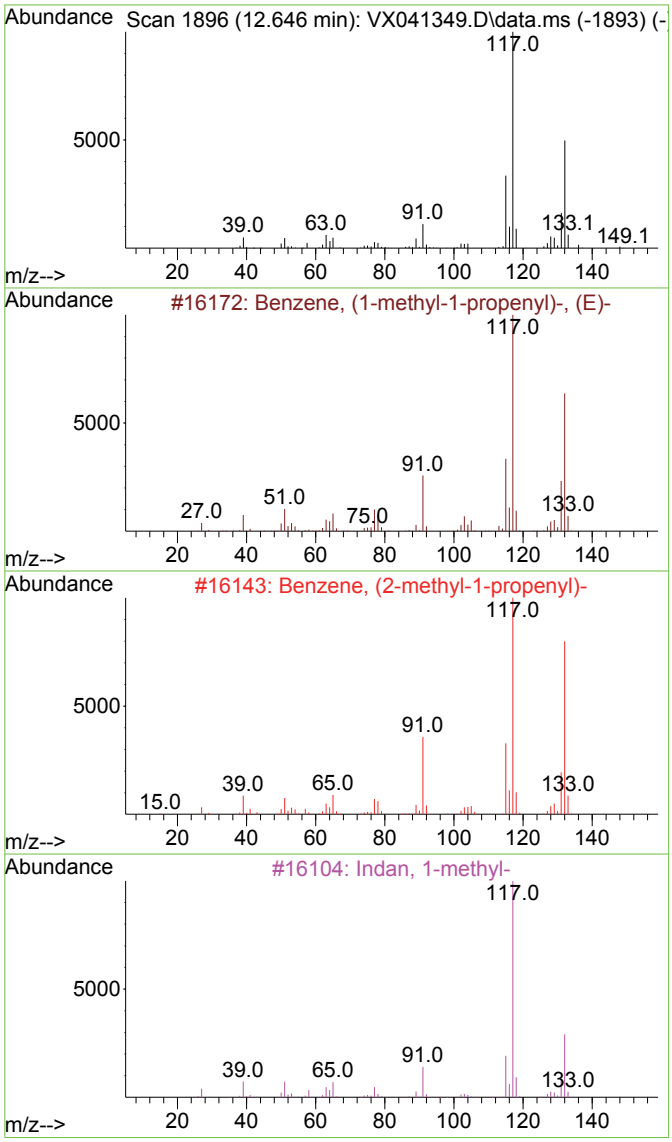
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

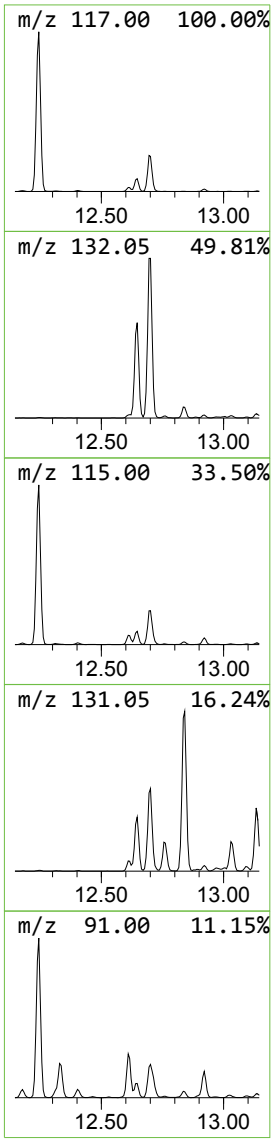
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Benzene, (1-methyl-1-propen... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.646 | 42.73 ug/l | 592647 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12 | 000768-00-3 | 93 |
| 2 | Benzene, (2-methyl-1-propenyl)- | 132 | C10H12 | 000768-49-0 | 91 |
| 3 | Indan, 1-methyl- | 132 | C10H12 | 000767-58-8 | 90 |
| 4 | Benzene, (2-methyl-2-propenyl)- | 132 | C10H12 | 003290-53-7 | 87 |
| 5 | 1H-Indene, 2,3-dihydro-2-methyl- | 132 | C10H12 | 000824-63-5 | 87 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050224\
Data File : VX041349.D
Acq On : 02 May 2024 13:27
Operator : JC/MD
Sample : P2264-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T3-MW-1-9.0-042424

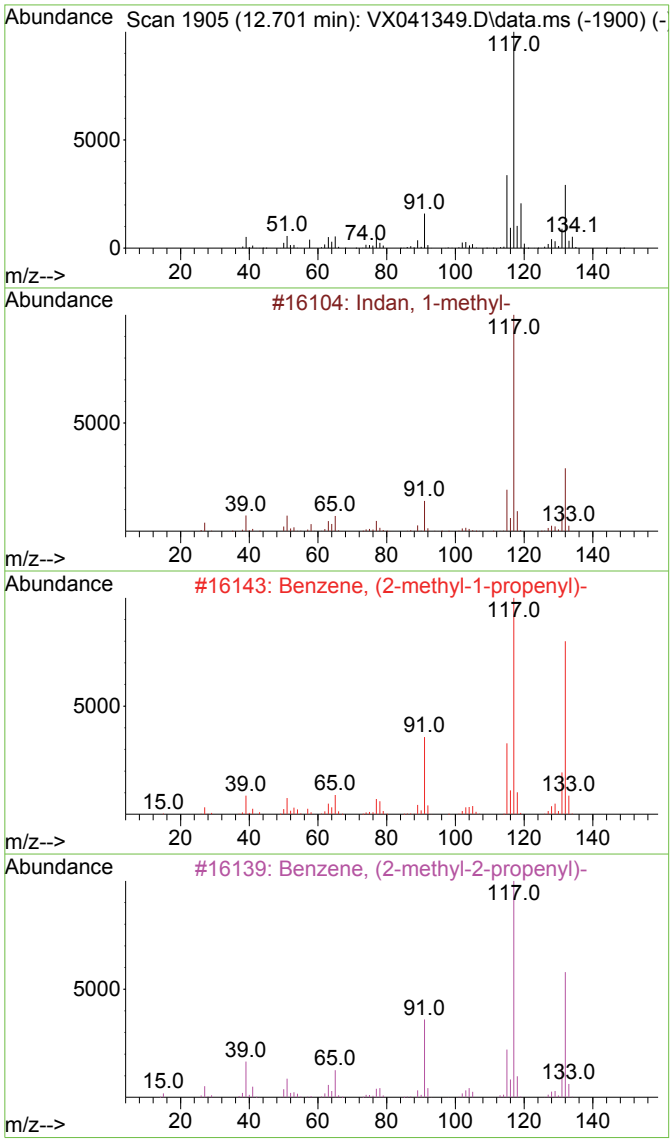
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

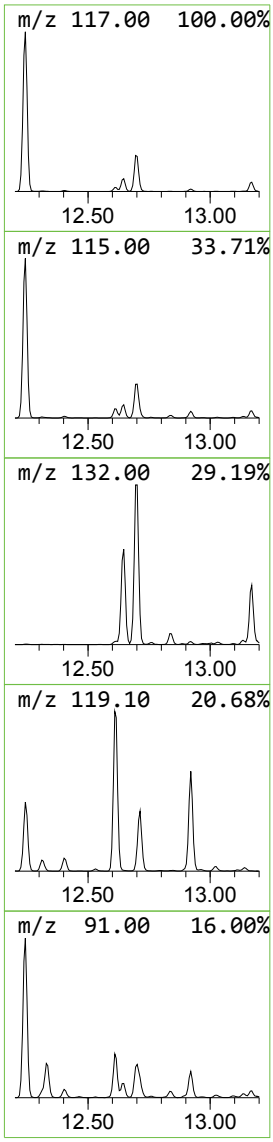
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 Indan, 1-methyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.701 | 137.02 ug/l | 1900330 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indan, 1-methyl- | 132 | C10H12 | 000767-58-8 | 93 |
| 2 | Benzene, (2-methyl-1-propenyl)- | 132 | C10H12 | 000768-49-0 | 87 |
| 3 | Benzene, (2-methyl-2-propenyl)- | 132 | C10H12 | 003290-53-7 | 83 |
| 4 | Benzene, 1-ethenyl-3-ethyl- | 132 | C10H12 | 007525-62-4 | 81 |
| 5 | Benzene, 1-methyl-2-(2-propenyl)- | 132 | C10H12 | 001587-04-8 | 81 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050224\
Data File : VX041349.D
Acq On : 02 May 2024 13:27
Operator : JC/MD
Sample : P2264-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T3-MW-1-9.0-042424

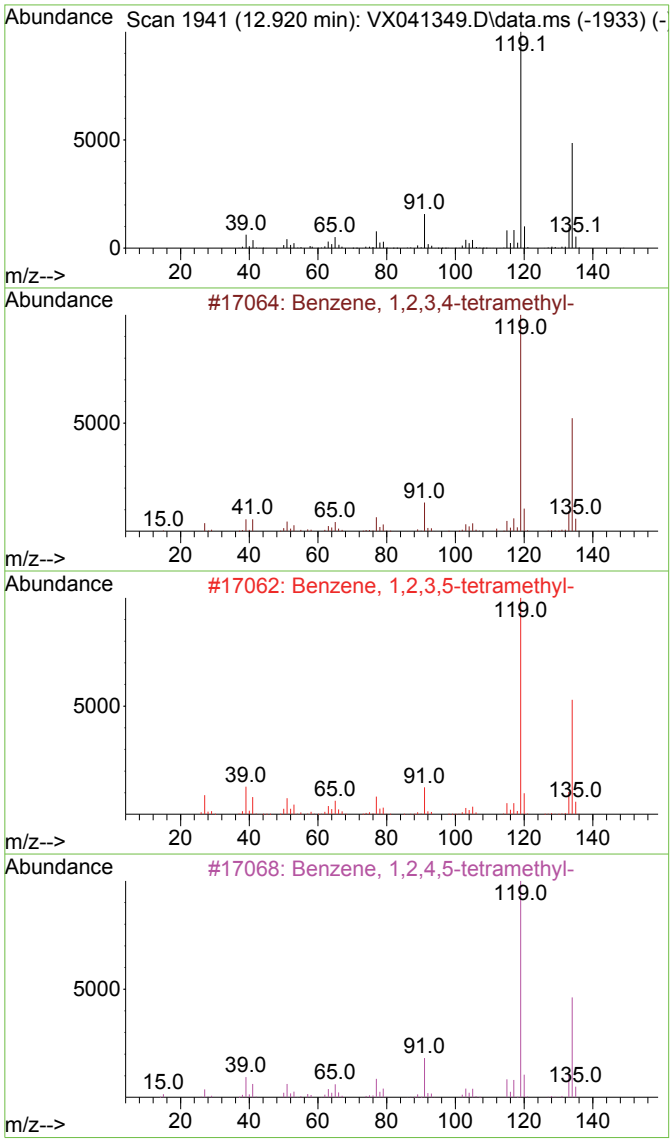
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

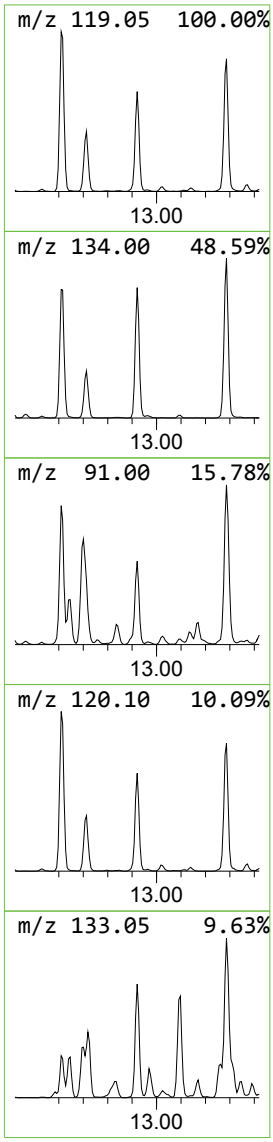
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.920 | 75.63 ug/l | 1048970 | 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 | 96 |
| 4 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 5 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 94 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050224\
Data File : VX041349.D
Acq On : 02 May 2024 13:27
Operator : JC/MD
Sample : P2264-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T3-MW-1-9.0-042424

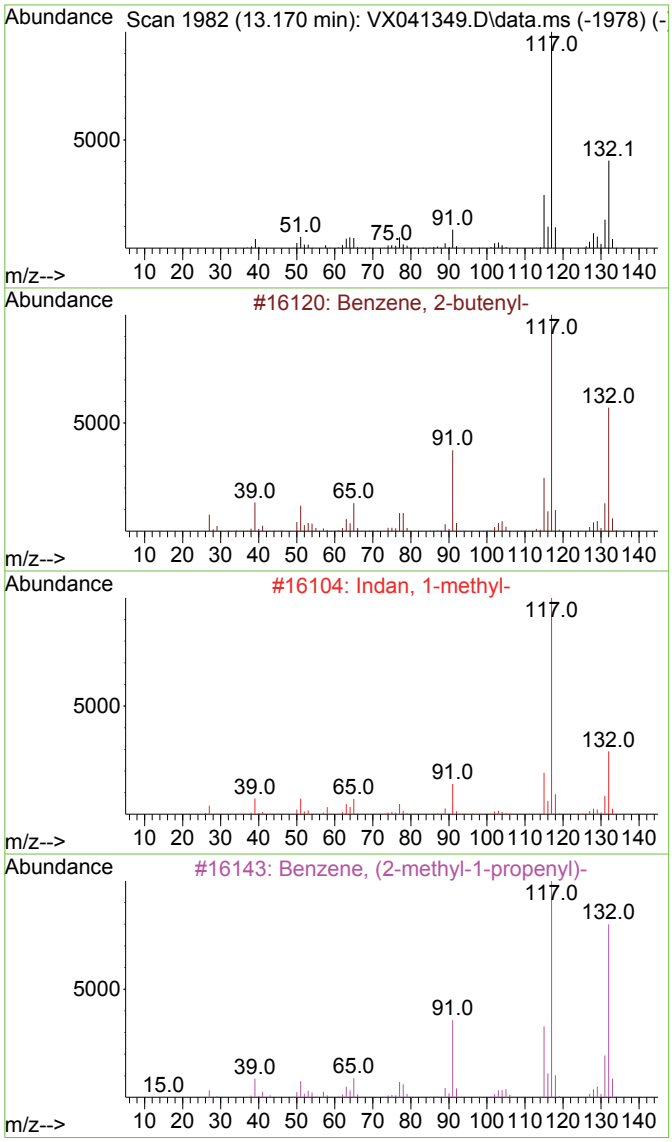
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

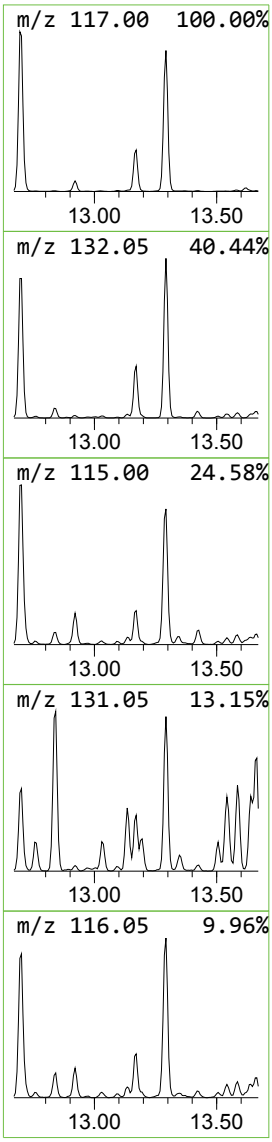
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 Benzene, 2-butenyl- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.170 | 31.65 ug/l | 438932 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-butenyl- | 132 | C10H12 | 001560-06-1 | 91 |
| 2 | Indan, 1-methyl- | 132 | C10H12 | 000767-58-8 | 91 |
| 3 | Benzene, (2-methyl-1-propenyl)- | 132 | C10H12 | 000768-49-0 | 91 |
| 4 | 1H-Indene, 2,3-dihydro-2-methyl- | 132 | C10H12 | 000824-63-5 | 91 |
| 5 | Benzene, 1-methyl-2-(2-propenyl)- | 132 | C10H12 | 001587-04-8 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050224\
Data File : VX041349.D
Acq On : 02 May 2024 13:27
Operator : JC/MD
Sample : P2264-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T3-MW-1-9.0-042424

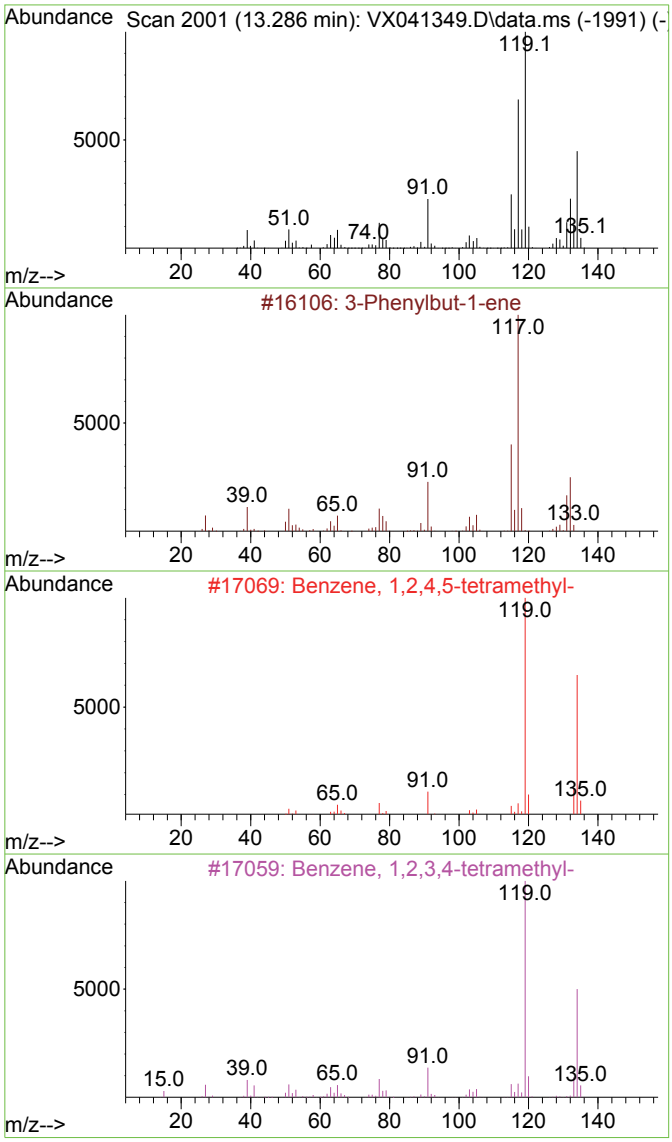
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

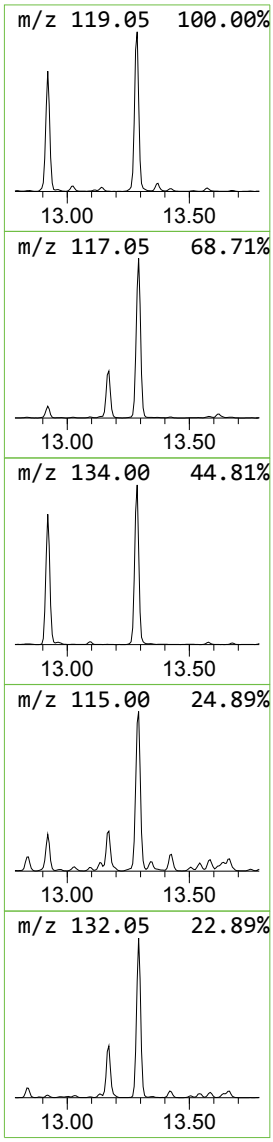
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 3-Phenylbut-1-ene Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.286 | 185.82 ug/l | 2577240 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Phenylbut-1-ene | 132 | C10H12 | 000934-10-1 | 83 |
| 2 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 64 |
| 3 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 64 |
| 4 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 60 |
| 5 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 60 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050224\
Data File : VX041349.D
Acq On : 02 May 2024 13:27
Operator : JC/MD
Sample : P2264-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T3-MW-1-9.0-042424

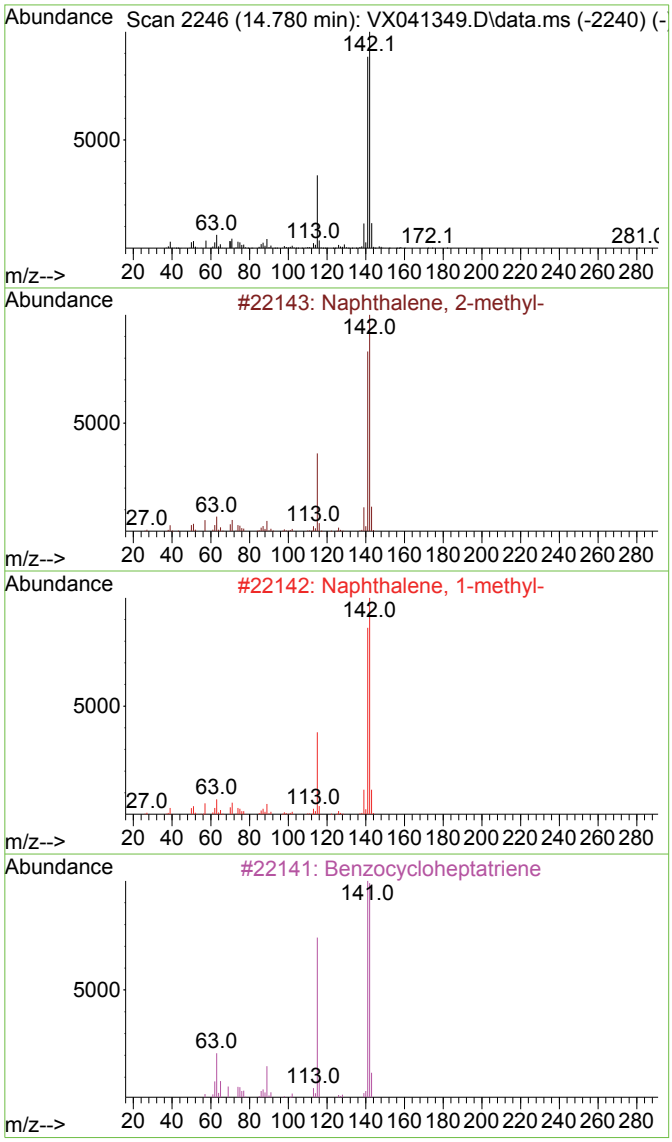
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

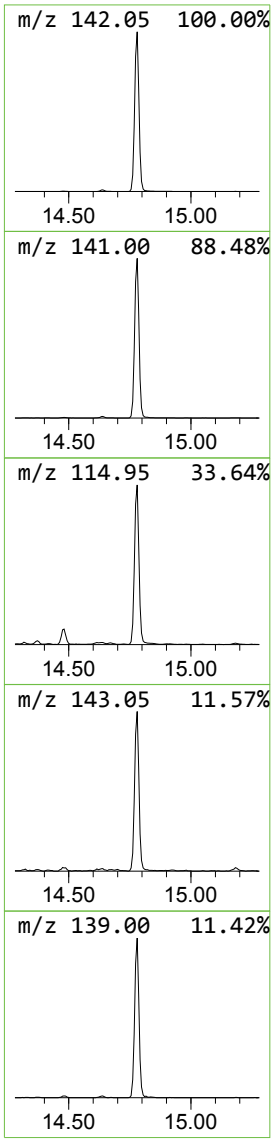
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 Naphthalene, 2-methyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.780 | 94.53 ug/l | 1311010 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-methyl- | 142 | C11H10 | 000091-57-6 | 96 |
| 2 | Naphthalene, 1-methyl- | 142 | C11H10 | 000090-12-0 | 96 |
| 3 | Benzocycloheptatriene | 142 | C11H10 | 000264-09-5 | 91 |
| 4 | 1,4-Methanonaphthalene, 1,4-dihy... | 142 | C11H10 | 004453-90-1 | 91 |
| 5 | 1H-Indene, 1-ethylidene- | 142 | C11H10 | 002471-83-2 | 64 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050224\
Data File : VX041349.D
Acq On : 02 May 2024 13:27
Operator : JC/MD
Sample : P2264-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T3-MW-1-9.0-042424

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 |
| Cyclobutane, me... | 2.861 | 41.7 | ug/l | 293554 | 1 | 5.550 | 351837 | 50.0 |
| Cyclopropane, 1... | 3.721 | 44.6 | ug/l | 313805 | 1 | 5.550 | 351837 | 50.0 |
| 2-Pentene, 3-me... | 3.831 | 29.9 | ug/l | 210224 | 1 | 5.550 | 351837 | 50.0 |
| 2-Pentene, 3-me... | 4.093 | 34.8 | ug/l | 244496 | 1 | 5.550 | 351837 | 50.0 |
| Cyclopentane, m... | 4.294 | 105.0 | ug/l | 738609 | 1 | 5.550 | 351837 | 50.0 |
| Cyclopentene, 4... | 5.190 | 82.5 | ug/l | 580276 | 1 | 5.550 | 351837 | 50.0 |
| Cyclobutane, et... | 6.196 | 27.9 | ug/l | 366560 | 2 | 6.763 | 657306 | 50.0 |
| Indane | 12.244 | 485.6 | ug/l | 6735100 | 4 | 12.024 | 693459 | 50.0 |
| Benzene, 1-ethy... | 12.610 | 111.4 | ug/l | 1545230 | 4 | 12.024 | 693459 | 50.0 |
| Benzene, (1-met... | 12.646 | 42.7 | ug/l | 592647 | 4 | 12.024 | 693459 | 50.0 |
| Indan, 1-methyl- | 12.701 | 137.0 | ug/l | 1900330 | 4 | 12.024 | 693459 | 50.0 |
| Benzene, 1,2,3,... | 12.920 | 75.6 | ug/l | 1048970 | 4 | 12.024 | 693459 | 50.0 |
| Benzene, 2-bute... | 13.170 | 31.6 | ug/l | 438932 | 4 | 12.024 | 693459 | 50.0 |
| 3-Phenylbut-1-ene | 13.286 | 185.8 | ug/l | 2577240 | 4 | 12.024 | 693459 | 50.0 |
| Naphthalene, 2-... | 14.780 | 94.5 | ug/l | 1311010 | 4 | 12.024 | 693459 | 50.0 |