LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
Data File : VX027637.D
Acq On : 23 Mar 2022 01:22
Operator : JC/MD
Sample : N2062-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-2R

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\82X031722W.M
Title : SW846 8260

Signal : TIC: VX027637.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.246 | 21 | 26 | 43 | rBV | 24232 | 95011 | 5.70% | 0.450% |
| 2 | 2.538 | 230 | 238 | 251 | rVB | 18038 | 33991 | 2.04% | 0.161% |
| 3 | 5.391 | 692 | 706 | 721 | rBV2 | 203285 | 582856 | 34.99% | 2.762% |
| 4 | 5.556 | 721 | 733 | 751 | rVB | 334256 | 939776 | 56.41% | 4.453% |
| 5 | 5.964 | 789 | 800 | 822 | rBV | 185868 | 505066 | 30.32% | 2.393% |
| 6 | 6.763 | 918 | 931 | 947 | rBV | 472063 | 1135630 | 68.17% | 5.381% |
| 7 | 8.653 | 1234 | 1241 | 1250 | rBV | 961956 | 1536985 | 92.26% | 7.283% |
| 8 | 10.055 | 1465 | 1471 | 1479 | rBV | 1061025 | 1380791 | 82.88% | 6.543% |
| 9 | 10.281 | 1503 | 1508 | 1518 | rVB8 | 10151 | 26591 | 1.60% | 0.126% |
| 10 | 10.591 | 1552 | 1559 | 1565 | rVB6 | 7500 | 18959 | 1.14% | 0.090% |
| 11 | 10.780 | 1579 | 1590 | 1595 | rBV3 | 9124 | 17330 | 1.04% | 0.082% |
| 12 | 10.963 | 1614 | 1620 | 1634 | rBV | 35227 | 53794 | 3.23% | 0.255% |
| 13 | 11.085 | 1634 | 1640 | 1645 | rBV | 801971 | 1051784 | 63.13% | 4.984% |
| 14 | 11.616 | 1722 | 1727 | 1735 | rBV3 | 20683 | 33476 | 2.01% | 0.159% |
| 15 | 11.713 | 1740 | 1743 | 1747 | rBV | 12492 | 17402 | 1.04% | 0.082% |
| 16 | 11.890 | 1762 | 1772 | 1780 | rBV | 50441 | 84690 | 5.08% | 0.401% |
| 17 | 12.024 | 1789 | 1794 | 1800 | rBV | 1051729 | 1287029 | 77.25% | 6.099% |
| 18 | 12.177 | 1815 | 1819 | 1824 | rVB | 54850 | 68990 | 4.14% | 0.327% |
| 19 | 12.244 | 1824 | 1830 | 1836 | rBV2 | 1333369 | 1665989 | 100.00% | 7.895% |
| 20 | 12.311 | 1838 | 1841 | 1849 | rVB2 | 34844 | 61210 | 3.67% | 0.290% |
| 21 | 12.408 | 1850 | 1857 | 1863 | rBV2 | 58765 | 81396 | 4.89% | 0.386% |
| 22 | 12.646 | 1892 | 1896 | 1900 | rVV | 208436 | 258729 | 15.53% | 1.226% |
| 23 | 12.701 | 1900 | 1905 | 1912 | rVV | 562444 | 779265 | 46.77% | 3.693% |
| 24 | 12.762 | 1912 | 1915 | 1919 | rVB | 27986 | 33098 | 1.99% | 0.157% |
| 25 | 12.841 | 1920 | 1928 | 1933 | rVB | 80058 | 121191 | 7.27% | 0.574% |
| 26 | 12.920 | 1934 | 1941 | 1947 | rBV2 | 78320 | 148132 | 8.89% | 0.702% |
| 27 | 12.975 | 1947 | 1950 | 1954 | rVB3 | 13740 | 21481 | 1.29% | 0.102% |
| 28 | 13.030 | 1954 | 1959 | 1965 | rVB2 | 106890 | 158146 | 9.49% | 0.749% |
| 29 | 13.097 | 1965 | 1970 | 1973 | rBV | 35750 | 48848 | 2.93% | 0.231% |
| 30 | 13.140 | 1973 | 1977 | 1980 | rBV2 | 91650 | 116787 | 7.01% | 0.553% |
| 31 | 13.170 | 1980 | 1982 | 1984 | rVV | 41395 | 46522 | 2.79% | 0.220% |
| 32 | 13.195 | 1984 | 1986 | 1991 | rVB | 80337 | 87699 | 5.26% | 0.416% |
| 33 | 13.256 | 1991 | 1996 | 1998 | rBV2 | 20360 | 33588 | 2.02% | 0.159% |
| 34 | 13.292 | 1998 | 2002 | 2007 | rVB | 527960 | 658741 | 39.54% | 3.122% |
| 35 | 13.347 | 2007 | 2011 | 2016 | rBV3 | 57218 | 77872 | 4.67% | 0.369% |
| 36 | 13.396 | 2016 | 2019 | 2021 | rBV2 | 22032 | 29006 | 1.74% | 0.137% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
Data File : VX027637.D
Acq On : 23 Mar 2022 01:22
Operator : JC/MD
Sample : N2062-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** MW-2R

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\82X031722W.M
Title : SW846 8260

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 13.426 | 2021 | 2024 | 2030 | rVB | 78561 | 106447 | 6.39% | 0.504% |
| 38 | 13.512 | 2034 | 2038 | 2040 | rBV2 | 31963 | 45301 | 2.72% | 0.215% |
| 39 | 13.548 | 2040 | 2044 | 2046 | rVV | 104539 | 132361 | 7.94% | 0.627% |
| 40 | 13.585 | 2046 | 2050 | 2053 | rVV2 | 230553 | 299168 | 17.96% | 1.418% |
| 41 | 13.646 | 2053 | 2060 | 2061 | rVV2 | 263045 | 445898 | 26.76% | 2.113% |
| 42 | 13.664 | 2061 | 2063 | 2068 | rVB | 504950 | 554321 | 33.27% | 2.627% |
| 43 | 13.756 | 2072 | 2078 | 2081 | rBV | 58931 | 87666 | 5.26% | 0.415% |
| 44 | 13.798 | 2081 | 2085 | 2090 | rVB4 | 38413 | 72528 | 4.35% | 0.344% |
| 45 | 13.853 | 2090 | 2094 | 2100 | rVB2 | 194429 | 254286 | 15.26% | 1.205% |
| 46 | 13.926 | 2100 | 2106 | 2110 | rBV | 401129 | 515320 | 30.93% | 2.442% |
| 47 | 13.975 | 2110 | 2114 | 2117 | rBV2 | 95628 | 127690 | 7.66% | 0.605% |
| 48 | 14.005 | 2117 | 2119 | 2123 | rVB | 45943 | 51727 | 3.10% | 0.245% |
| 49 | 14.079 | 2126 | 2131 | 2134 | rBV | 144083 | 194676 | 11.69% | 0.923% |
| 50 | 14.164 | 2142 | 2145 | 2148 | rVB3 | 29522 | 32178 | 1.93% | 0.152% |
| 51 | 14.213 | 2148 | 2153 | 2162 | rBV | 286383 | 470397 | 28.24% | 2.229% |
| 52 | 14.286 | 2162 | 2165 | 2167 | rVV | 52508 | 57667 | 3.46% | 0.273% |
| 53 | 14.323 | 2167 | 2171 | 2175 | rVV | 267035 | 314669 | 18.89% | 1.491% |
| 54 | 14.377 | 2175 | 2180 | 2184 | rVB | 301478 | 391351 | 23.49% | 1.854% |
| 55 | 14.420 | 2184 | 2187 | 2192 | rVB | 74307 | 94863 | 5.69% | 0.450% |
| 56 | 14.481 | 2192 | 2197 | 2202 | rBV2 | 354343 | 531983 | 31.93% | 2.521% |
| 57 | 14.524 | 2202 | 2204 | 2210 | rVB2 | 43260 | 58631 | 3.52% | 0.278% |
| 58 | 14.615 | 2210 | 2219 | 2222 | rBV3 | 218983 | 413257 | 24.81% | 1.958% |
| 59 | 14.676 | 2225 | 2229 | 2233 | rVB | 168457 | 227434 | 13.65% | 1.078% |
| 60 | 14.731 | 2233 | 2238 | 2243 | rBV2 | 71419 | 107621 | 6.46% | 0.510% |
| 61 | 14.792 | 2243 | 2248 | 2250 | rBV2 | 90217 | 139389 | 8.37% | 0.661% |
| 62 | 14.816 | 2250 | 2252 | 2255 | rVV2 | 114448 | 146610 | 8.80% | 0.695% |
| 63 | 14.847 | 2255 | 2257 | 2261 | rVB2 | 88002 | 109136 | 6.55% | 0.517% |
| 64 | 14.908 | 2261 | 2267 | 2273 | rBV5 | 89298 | 195855 | 11.76% | 0.928% |
| 65 | 15.054 | 2286 | 2291 | 2298 | rVB2 | 46468 | 70193 | 4.21% | 0.333% |
| 66 | 15.182 | 2306 | 2312 | 2320 | rBV2 | 239800 | 439598 | 26.39% | 2.083% |
| 67 | 15.255 | 2320 | 2324 | 2331 | rVB4 | 51153 | 96310 | 5.78% | 0.456% |
| 68 | 15.322 | 2331 | 2335 | 2340 | rBV6 | 25676 | 40105 | 2.41% | 0.190% |
| 69 | 15.377 | 2340 | 2344 | 2347 | rBV2 | 38191 | 59254 | 3.56% | 0.281% |
| 70 | 15.408 | 2347 | 2349 | 2353 | rVB2 | 29996 | 32618 | 1.96% | 0.155% |
| 71 | 15.481 | 2357 | 2361 | 2364 | rVV | 36011 | 50730 | 3.05% | 0.240% |
| 72 | 15.524 | 2364 | 2368 | 2374 | rVB4 | 61108 | 111244 | 6.68% | 0.527% |
| 73 | 15.731 | 2397 | 2402 | 2410 | rBV4 | 28830 | 92267 | 5.54% | 0.437% |
| 74 | 15.810 | 2410 | 2415 | 2418 | rVV | 76464 | 119310 | 7.16% | 0.565% |
| 75 | 15.847 | 2418 | 2421 | 2425 | rVB2 | 62806 | 90276 | 5.42% | 0.428% |
| 76 | 15.993 | 2439 | 2445 | 2449 | rBV | 76455 | 133937 | 8.04% | 0.635% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
Data File : VX027637.D
Acq On : 23 Mar 2022 01:22
Operator : JC/MD
Sample : N2062-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-2R

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\82X031722W.M
Title : SW846 8260

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 16.090 | 2457 | 2461 | 2465 | rBV6 | 9789 | 19103 | 1.15% | 0.091% |
| 78 | 16.328 | 2492 | 2500 | 2506 | rVB4 | 34561 | 90251 | 5.42% | 0.428% |
| 79 | 16.420 | 2512 | 2515 | 2520 | rVB3 | 18761 | 31009 | 1.86% | 0.147% |
| 80 | 16.475 | 2520 | 2524 | 2529 | rBV3 | 14652 | 26172 | 1.57% | 0.124% |
| 81 | 16.529 | 2529 | 2533 | 2541 | rBV4 | 23776 | 56564 | 3.40% | 0.268% |
| 82 | 16.657 | 2549 | 2554 | 2563 | rVB2 | 34992 | 67558 | 4.06% | 0.320% |

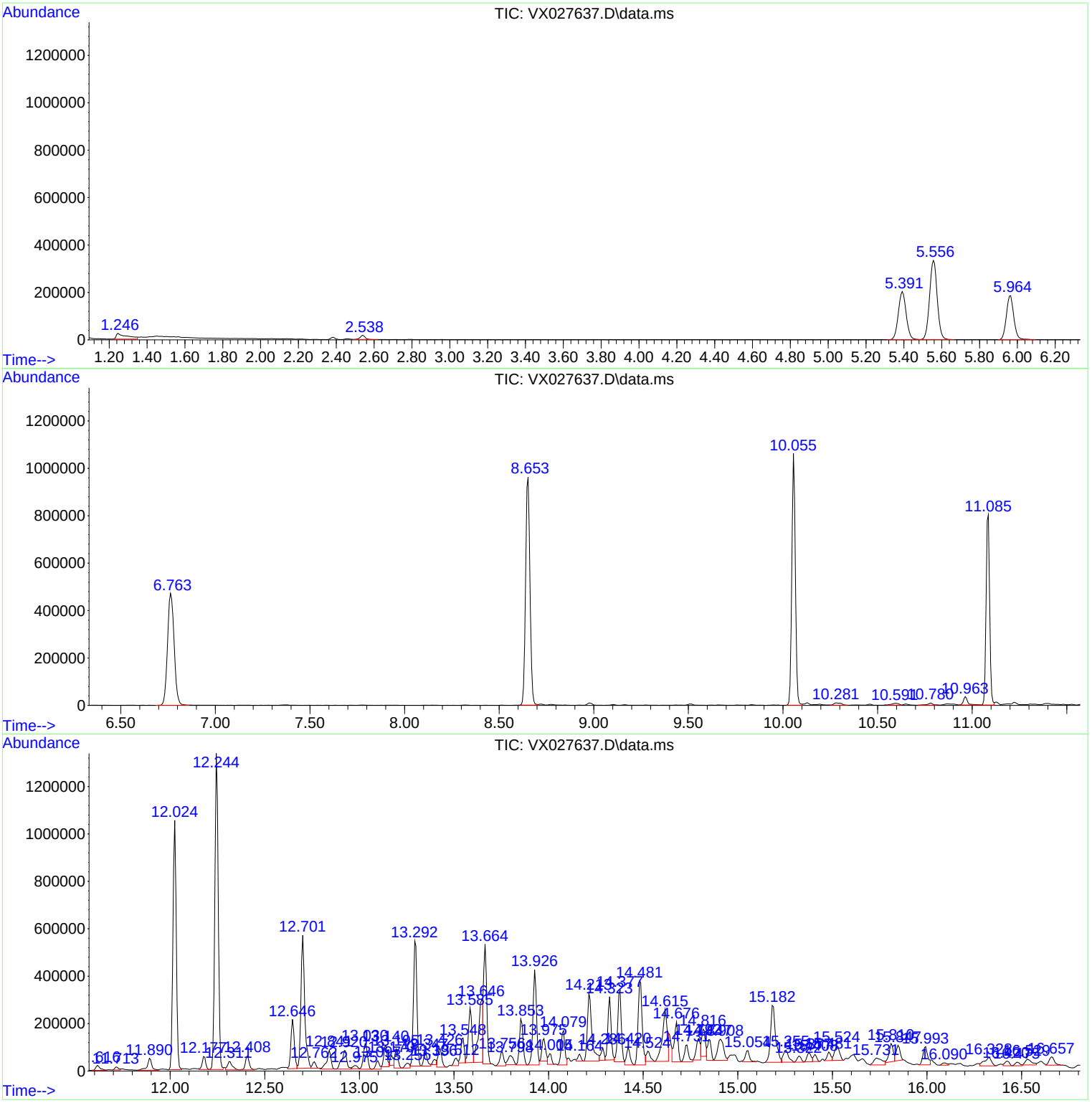
Sum of corrected areas: 21102780

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
Data File : VX027637.D
Acq On : 23 Mar 2022 01:22
Operator : JC/MD
Sample : N2062-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-2R

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
Data File : VX027637.D
Acq On : 23 Mar 2022 01:22
Operator : JC/MD
Sample : N2062-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-2R

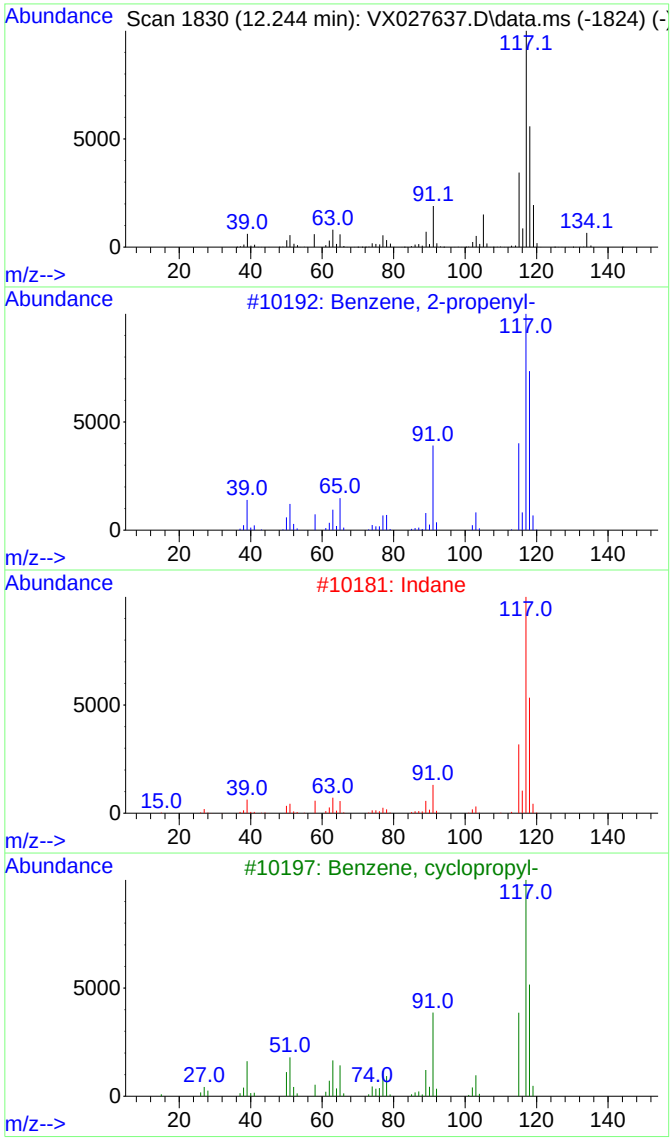
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260

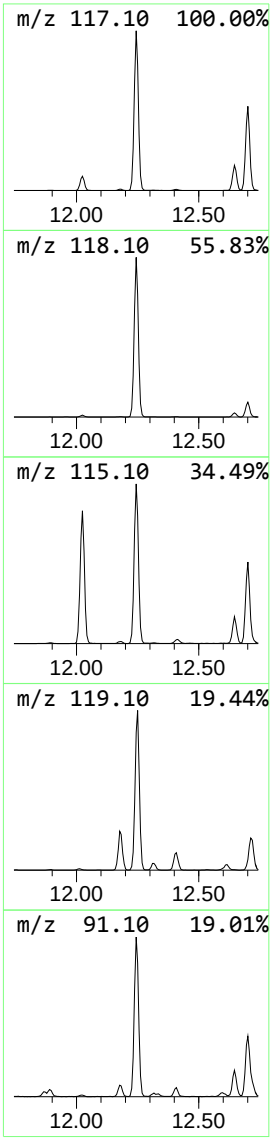
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Benzene, 2-propenyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.244 | 64.72 ug/l | 1665990 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-propenyl- | 118 | C9H10 | 000300-57-2 | 76 |
| 2 | Indane | 118 | C9H10 | 000496-11-7 | 76 |
| 3 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 70 |
| 4 | Benzene, 1,1'-(1-ethenyl-1,3-pro... | 222 | C17H18 | 061141-97-7 | 64 |
| 5 | Benzeneethanol, .beta.-ethenyl- | 148 | C10H12O | 006052-63-7 | 64 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
Data File : VX027637.D
Acq On : 23 Mar 2022 01:22
Operator : JC/MD
Sample : N2062-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-2R

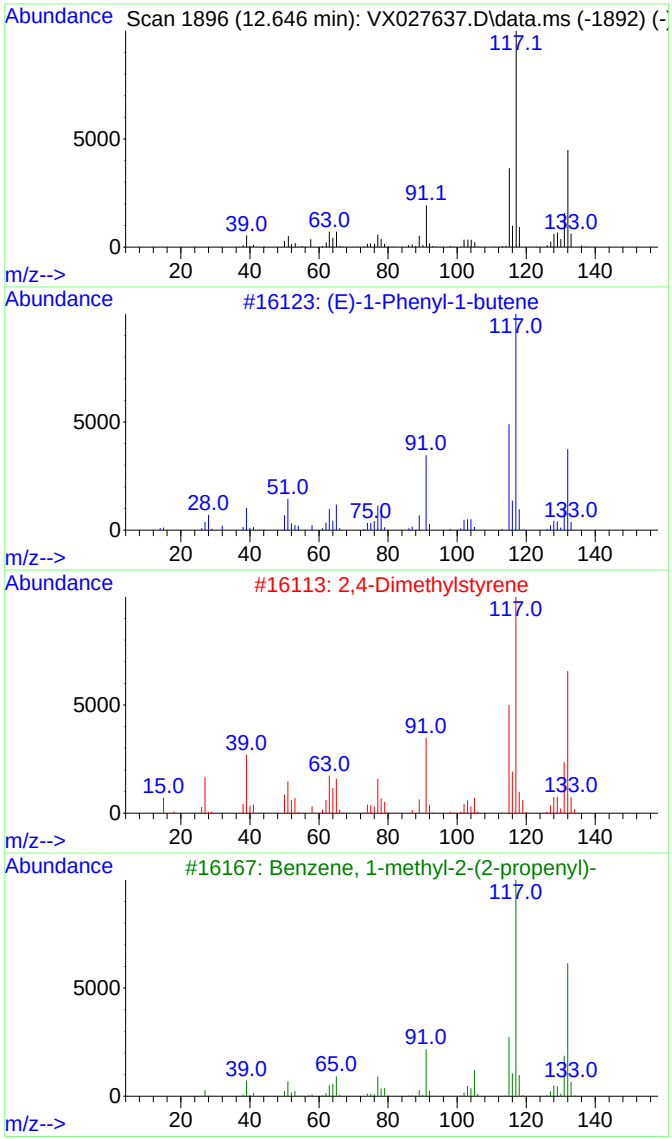
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260

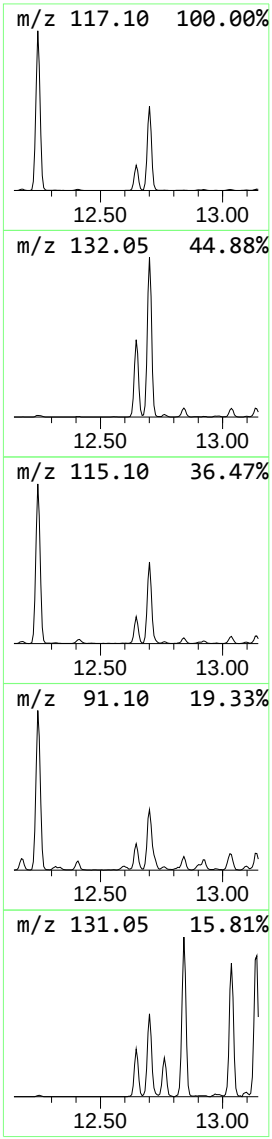
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 (E)-1-Phenyl-1-butene Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.646 | 10.05 ug/l | 258729 | 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 | 95 |
| 2 | 2,4-Dimethylstyrene | 132 | C10H12 | 002234-20-0 | 93 |
| 3 | Benzene, 1-methyl-2-(2-propenyl)- | 132 | C10H12 | 001587-04-8 | 91 |
| 4 | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12 | 000767-99-7 | 91 |
| 5 | Benzene, (2-methyl-2-propenyl)- | 132 | C10H12 | 003290-53-7 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
Data File : VX027637.D
Acq On : 23 Mar 2022 01:22
Operator : JC/MD
Sample : N2062-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-2R

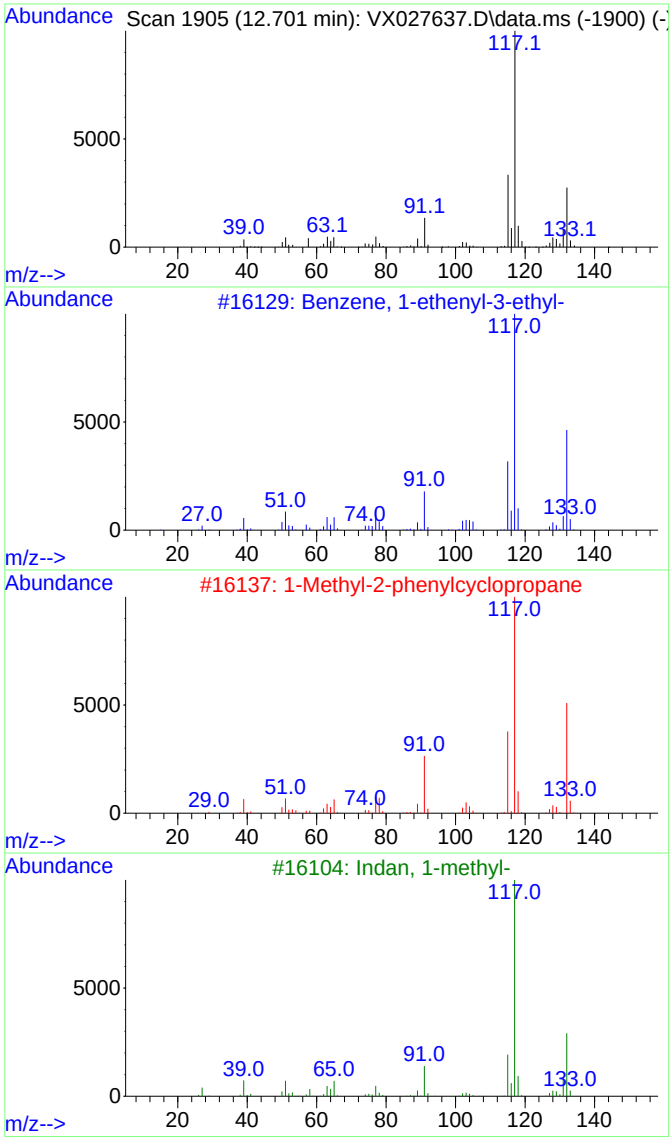
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260

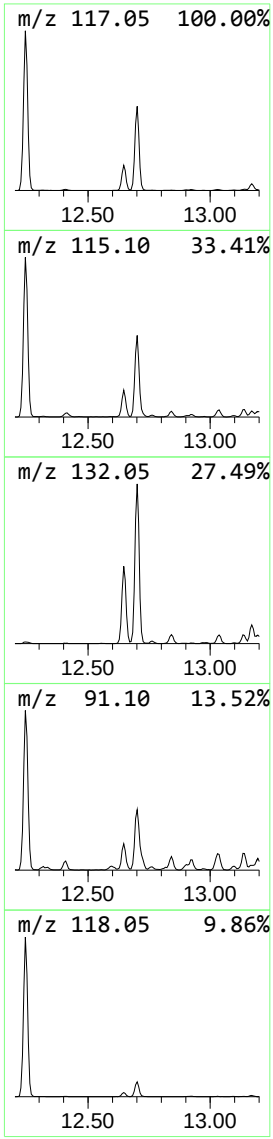
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.701 | 30.27 ug/l | 779265 | 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 | 1-Methyl-2-phenylcyclopropane | 132 | C10H12 | 003145-76-4 | 90 |
| 3 | Indan, 1-methyl- | 132 | C10H12 | 000767-58-8 | 90 |
| 4 | 1-Phenyl-1-butene | 132 | C10H12 | 000824-90-8 | 87 |
| 5 | Benzene, (2-methyl-1-propenyl)- | 132 | C10H12 | 000768-49-0 | 86 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
Data File : VX027637.D
Acq On : 23 Mar 2022 01:22
Operator : JC/MD
Sample : N2062-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-2R

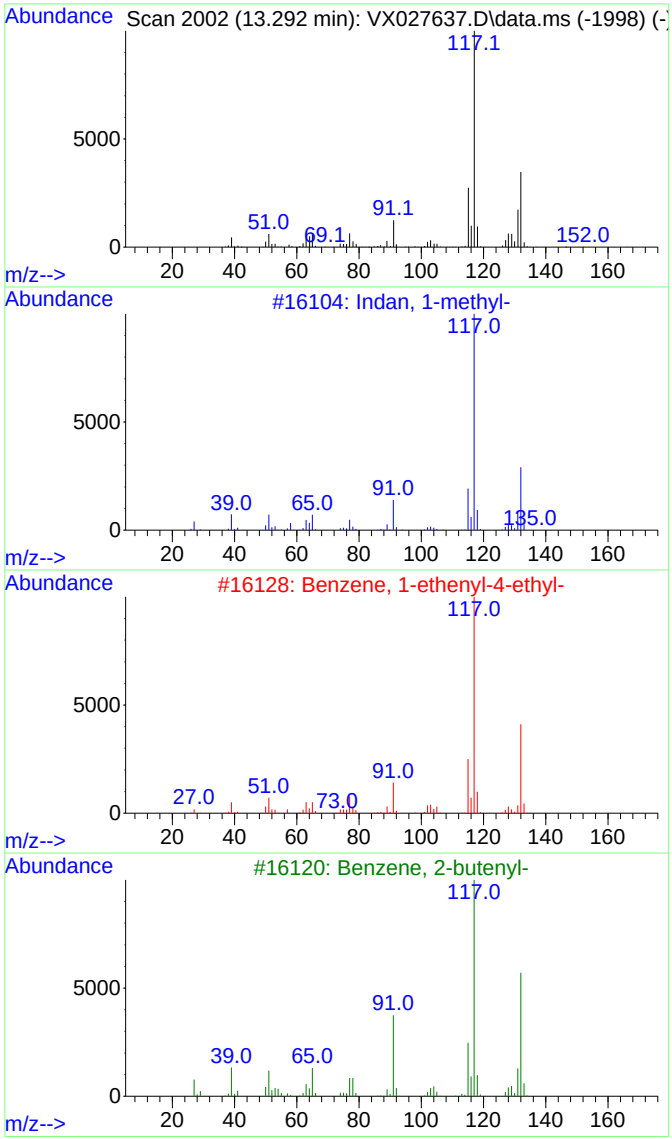
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260

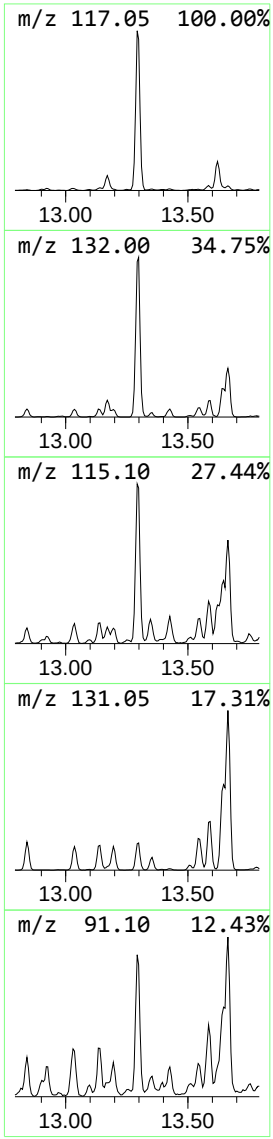
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 Indan, 1-methyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.292 | 25.59 ug/l | 658741 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indan, 1-methyl- | 132 | C10H12 | 000767-58-8 | 87 |
| 2 | Benzene, 1-ethenyl-4-ethyl- | 132 | C10H12 | 003454-07-7 | 87 |
| 3 | Benzene, 2-butenyl- | 132 | C10H12 | 001560-06-1 | 78 |
| 4 | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12 | 000768-00-3 | 78 |
| 5 | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12 | 002039-89-6 | 64 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
Data File : VX027637.D
Acq On : 23 Mar 2022 01:22
Operator : JC/MD
Sample : N2062-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-2R

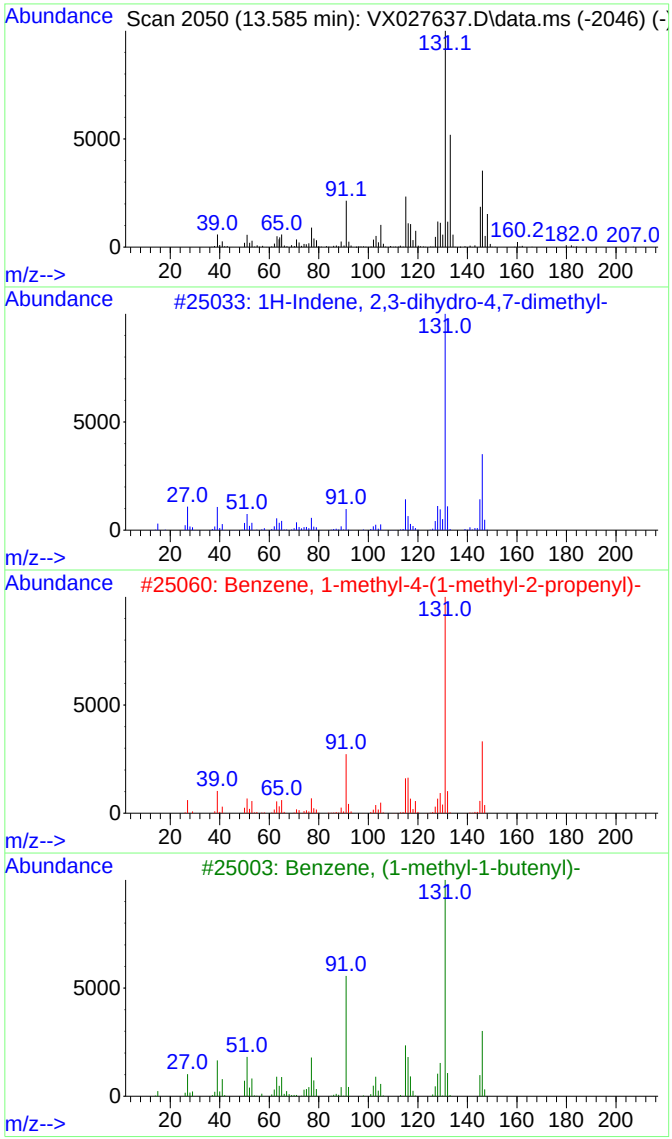
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260

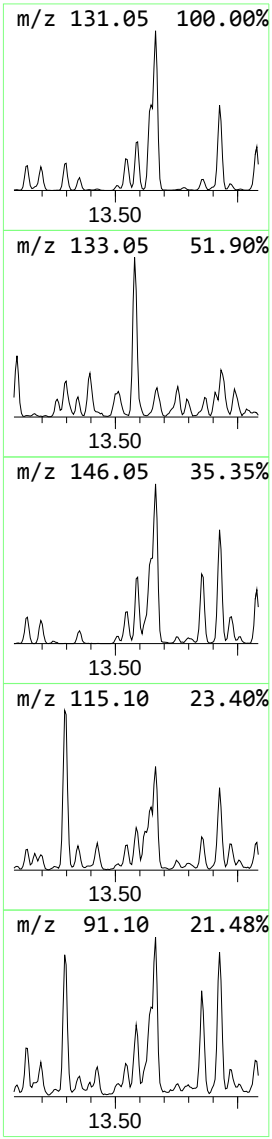
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.585 | 11.62 ug/l | 299168 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 92 |
| 2 | Benzene, 1-methyl-4-(1-methyl-2-... | 146 | C11H14 | 097664-18-1 | 86 |
| 3 | Benzene, (1-methyl-1-butenyl)- | 146 | C11H14 | 053172-84-2 | 76 |
| 4 | 1H-Indene, 2,3-dihydro-1,2-dimet... | 146 | C11H14 | 017057-82-8 | 70 |
| 5 | 1H-Indene, 2,3-dihydro-1,3-dimet... | 146 | C11H14 | 004175-53-5 | 70 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
Data File : VX027637.D
Acq On : 23 Mar 2022 01:22
Operator : JC/MD
Sample : N2062-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-2R

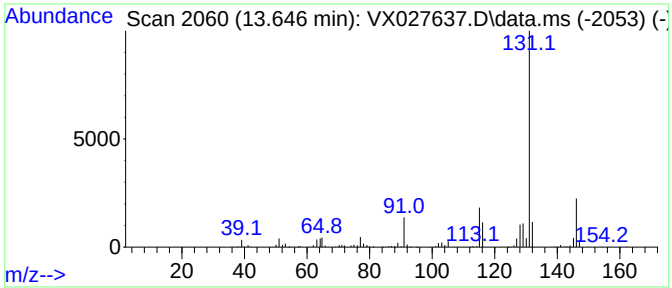
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260

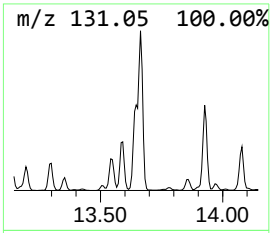
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

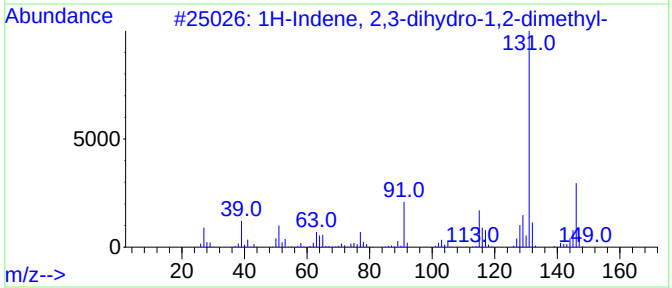
**********
Peak Number 6 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 8

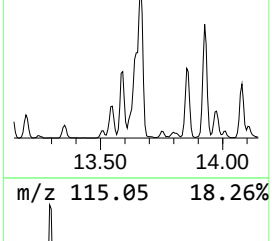
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.646 | 17.32 ug/l | 445898 | 1,4-Dichlorobenzene-d4 | 12.024 |

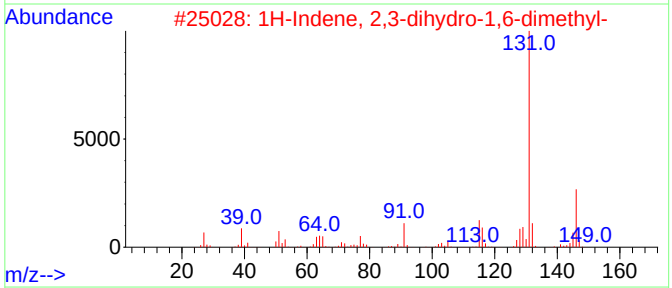
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2,3-dihydro-1,2-dimet... | 146 | C11H14 | 017057-82-8 | 94 |
| 2 | 1H-Indene, 2,3-dihydro-1,6-dimet... | 146 | C11H14 | 017059-48-2 | 91 |
| 3 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 91 |
| 4 | Bicyclo[4.2.0]octa-1,3,5-triene,... | 146 | C11H14 | 027087-54-3 | 91 |
| 5 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 001559-81-5 | 91 |

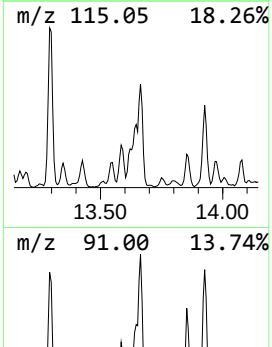


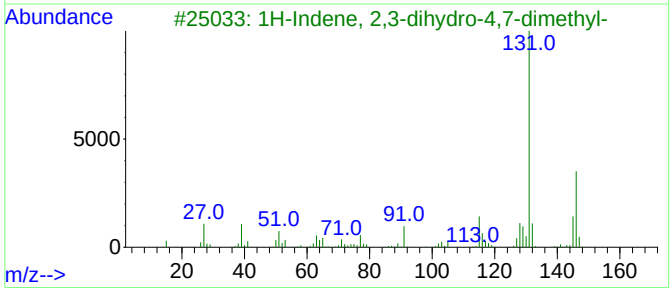



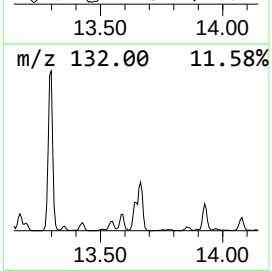



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
Data File : VX027637.D
Acq On : 23 Mar 2022 01:22
Operator : JC/MD
Sample : N2062-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-2R

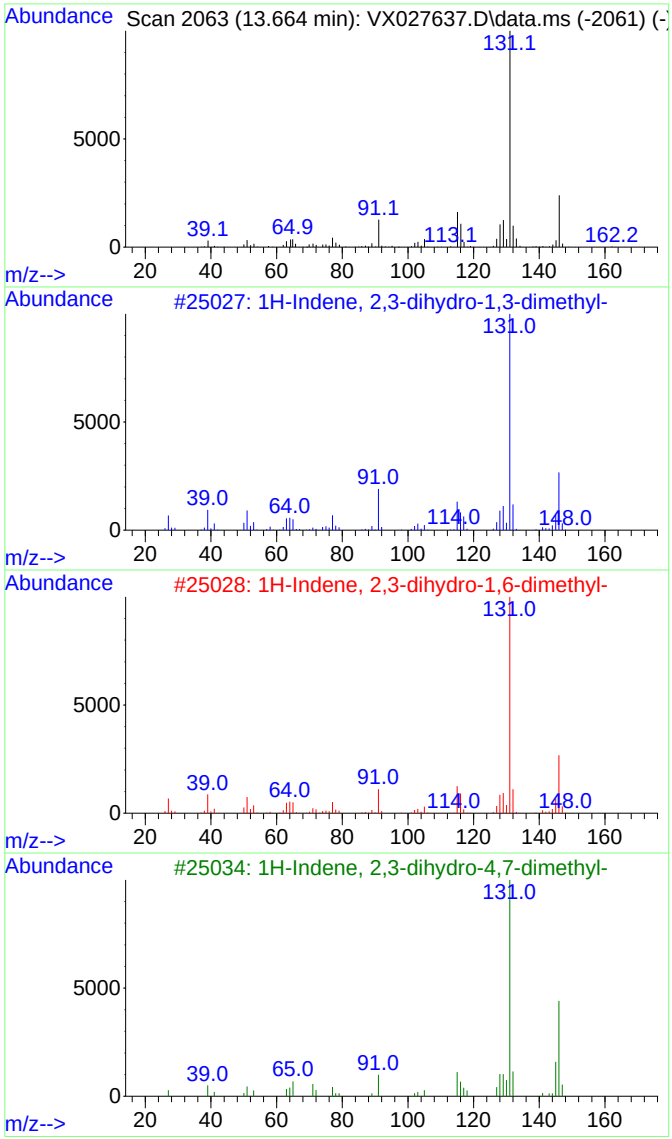
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260

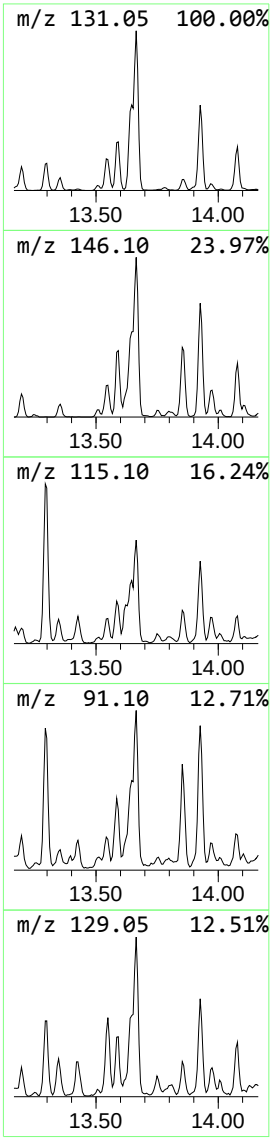
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.664 | 21.53 ug/l | 554321 | 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 | 91 |
| 2 | 1H-Indene, 2,3-dihydro-1,6-dimet... | 146 | C11H14 | 017059-48-2 | 91 |
| 3 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 90 |
| 4 | Benzene, (1-methyl-1-butenyl)- | 146 | C11H14 | 053172-84-2 | 87 |
| 5 | 1H-Indene, 2,3-dihydro-1,2-dimet... | 146 | C11H14 | 017057-82-8 | 87 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
Data File : VX027637.D
Acq On : 23 Mar 2022 01:22
Operator : JC/MD
Sample : N2062-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-2R

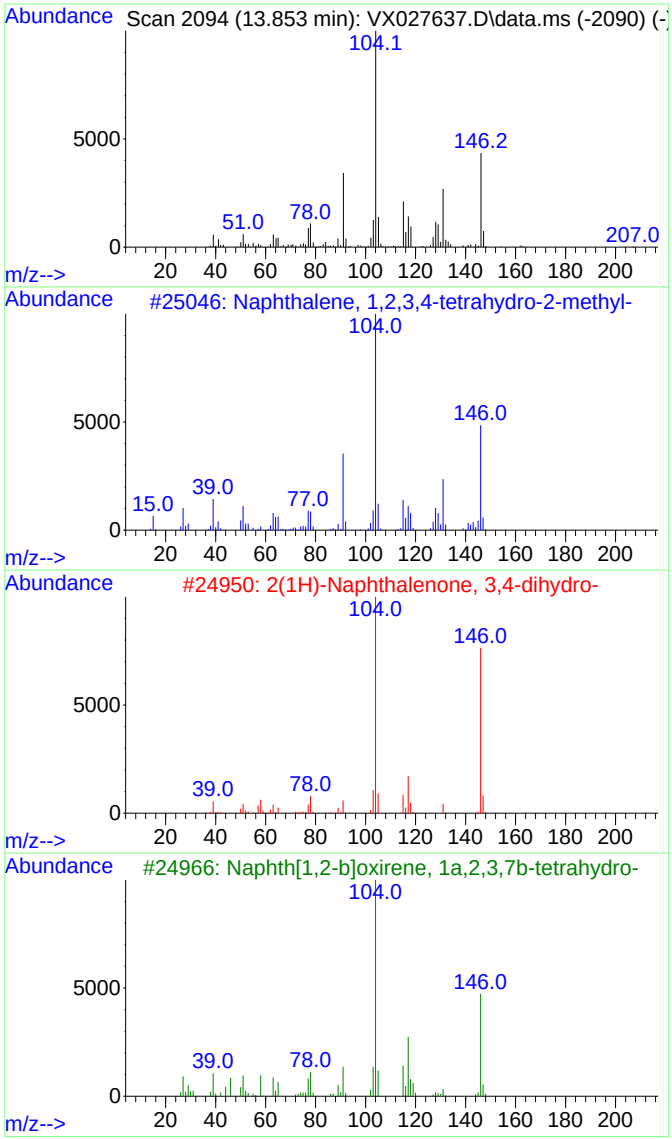
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260

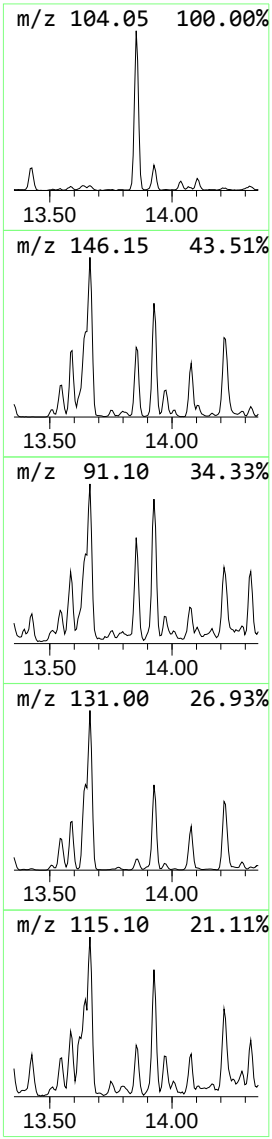
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.853 | 9.88 ug/l | 254286 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 003877-19-8 | 94 |
| 2 | 2(1H)-Naphthalenone, 3,4-dihydro- | 146 | C10H10O | 000530-93-8 | 62 |
| 3 | Naphth[1,2-b]oxirene, 1a,2,3,7b-... | 146 | C10H10O | 002461-34-9 | 62 |
| 4 | Naphthalene, 1,2,3,4-tetrahydro- | 132 | C10H12 | 000119-64-2 | 47 |
| 5 | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16 | 021564-92-1 | 47 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
Data File : VX027637.D
Acq On : 23 Mar 2022 01:22
Operator : JC/MD
Sample : N2062-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-2R

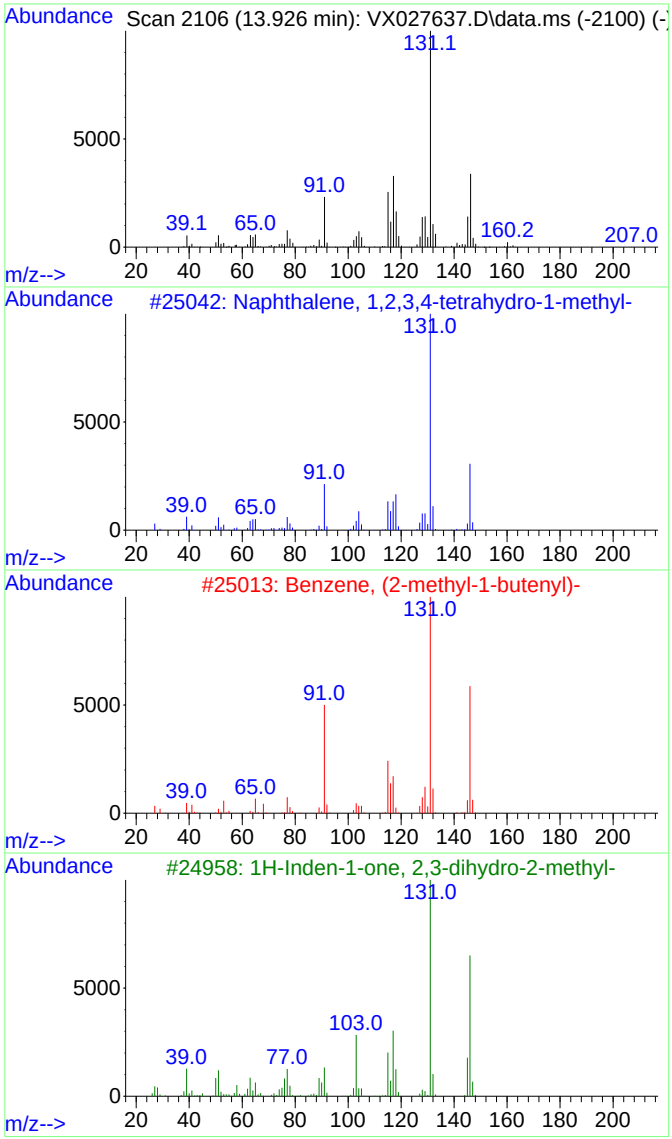
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260

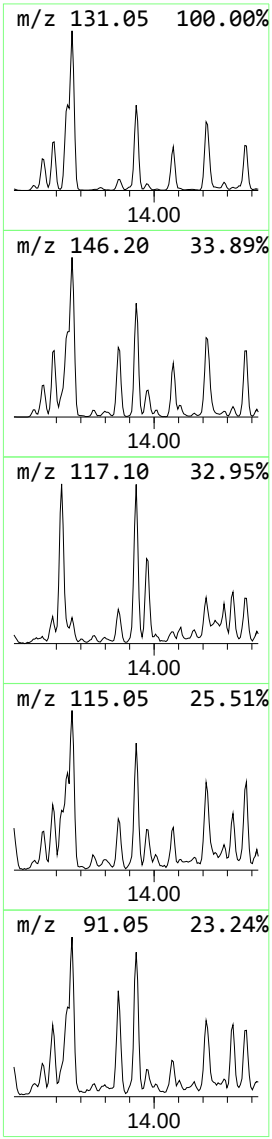
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.926 | 20.02 ug/l | 515320 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 001559-81-5 | 93 |
| 2 | Benzene, (2-methyl-1-butenyl)- | 146 | C11H14 | 056253-64-6 | 93 |
| 3 | 1H-Inden-1-one, 2,3-dihydro-2-me... | 146 | C10H10O | 017496-14-9 | 93 |
| 4 | Benzene, (1-methyl-1-butenyl)- | 146 | C11H14 | 053172-84-2 | 83 |
| 5 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 81 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
Data File : VX027637.D
Acq On : 23 Mar 2022 01:22
Operator : JC/MD
Sample : N2062-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-2R

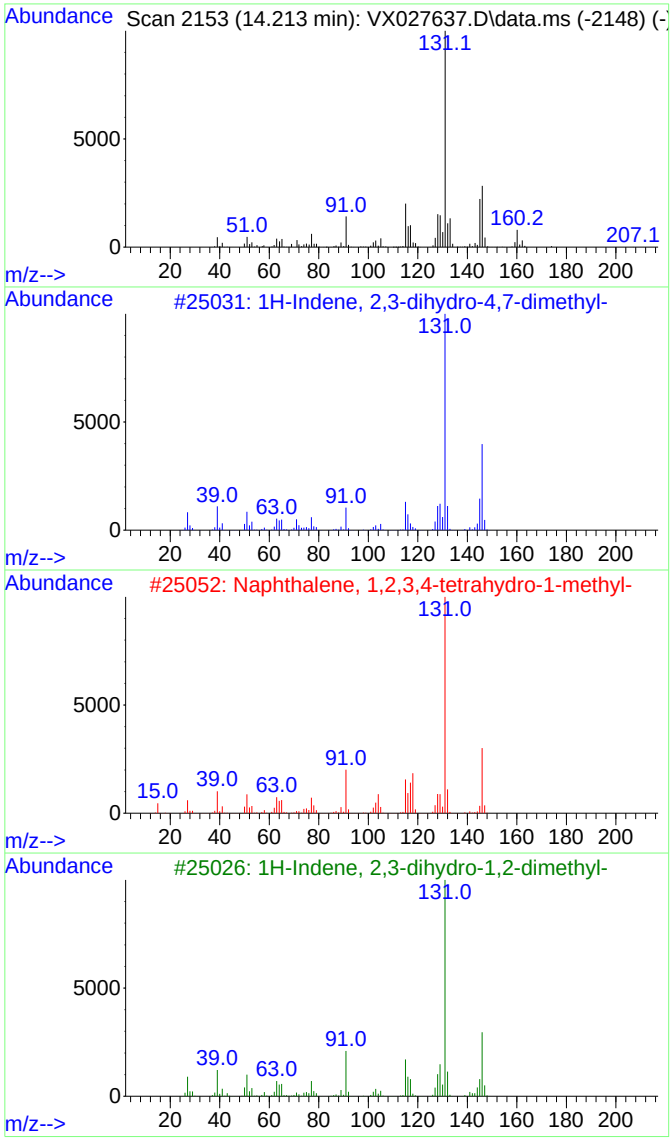
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260

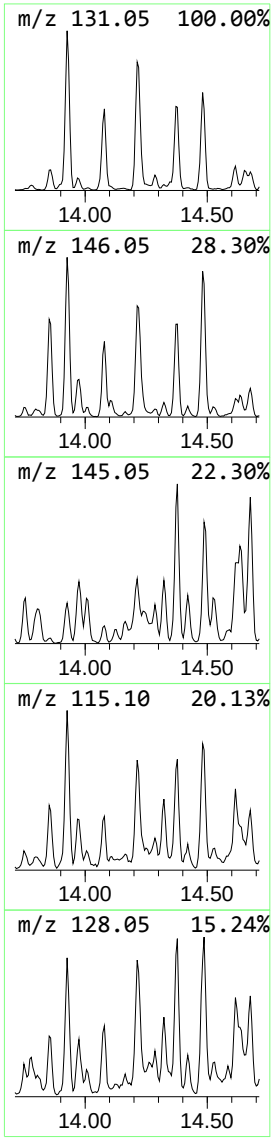
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.213 | 18.27 ug/l | 470397 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 87 |
| 2 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 001559-81-5 | 81 |
| 3 | 1H-Indene, 2,3-dihydro-1,2-dimet... | 146 | C11H14 | 017057-82-8 | 81 |
| 4 | Benzene, (1,2-dimethyl-1-propenyl)- | 146 | C11H14 | 000769-57-3 | 81 |
| 5 | 1H-Indene, 2,3-dihydro-4,6-dimet... | 146 | C11H14 | 001685-82-1 | 81 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
Data File : VX027637.D
Acq On : 23 Mar 2022 01:22
Operator : JC/MD
Sample : N2062-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-2R

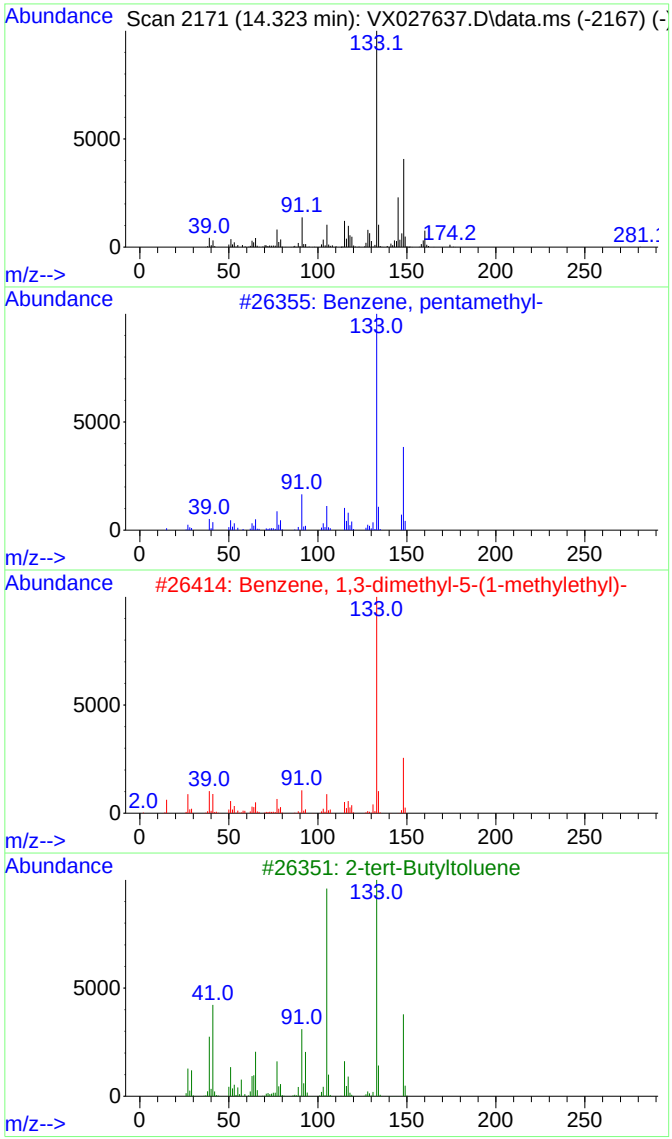
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260

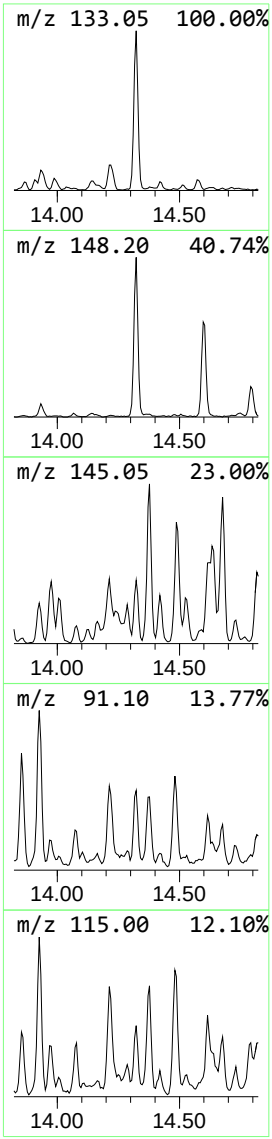
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 Benzene, pentamethyl- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.323 | 12.22 ug/l | 314669 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, pentamethyl- | 148 | C11H16 | 000700-12-9 | 93 |
| 2 | Benzene, 1,3-dimethyl-5-(1-methy... | 148 | C11H16 | 004706-90-5 | 64 |
| 3 | 2-tert-Butyltoluene | 148 | C11H16 | 001074-92-6 | 64 |
| 4 | 3,4-Dimethylcumene | 148 | C11H16 | 1000370-34-1 | 64 |
| 5 | 1,5,6,7-Tetramethylbicyclo[3.2.0... | 148 | C11H16 | 134329-46-7 | 59 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
Data File : VX027637.D
Acq On : 23 Mar 2022 01:22
Operator : JC/MD
Sample : N2062-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-2R

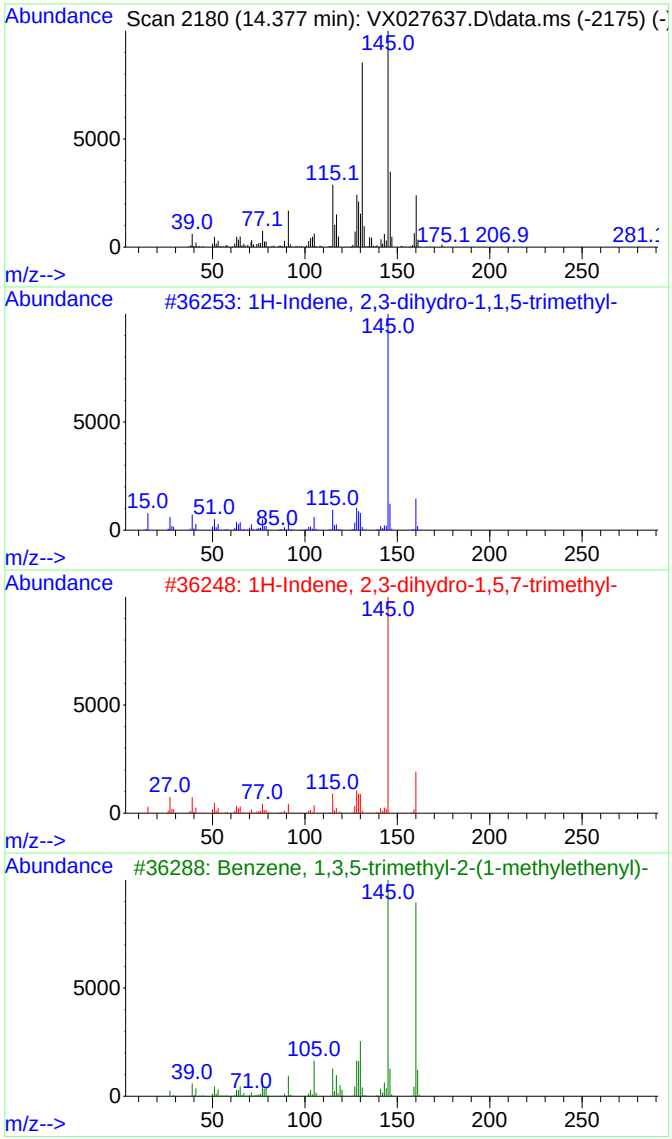
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260

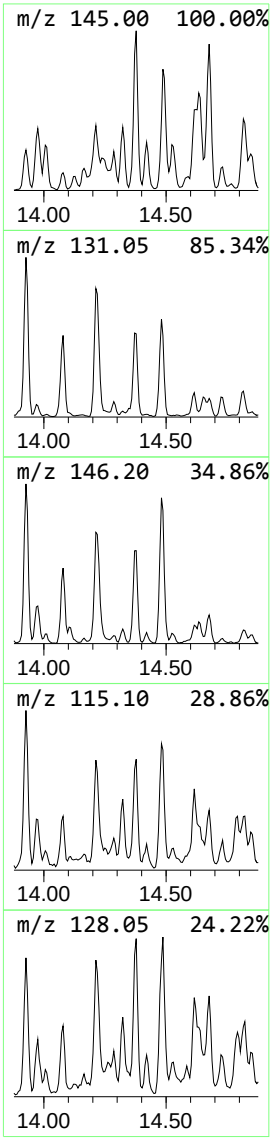
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.377 | 15.20 ug/l | 391351 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2,3-dihydro-1,1,5-tri... | 160 | C12H16 | 040650-41-7 | 60 |
| 2 | 1H-Indene, 2,3-dihydro-1,5,7-tri... | 160 | C12H16 | 054340-88-4 | 60 |
| 3 | Benzene, 1,3,5-trimethyl-2-(1-me... | 160 | C12H16 | 014679-13-1 | 55 |
| 4 | 1H-Indene, 2,3-dihydro-1,4,7-tri... | 160 | C12H16 | 054340-87-3 | 55 |
| 5 | Benzene, 1-(2-butenyl)-2,3-dimet... | 160 | C12H16 | 054340-85-1 | 53 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
Data File : VX027637.D
Acq On : 23 Mar 2022 01:22
Operator : JC/MD
Sample : N2062-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-2R

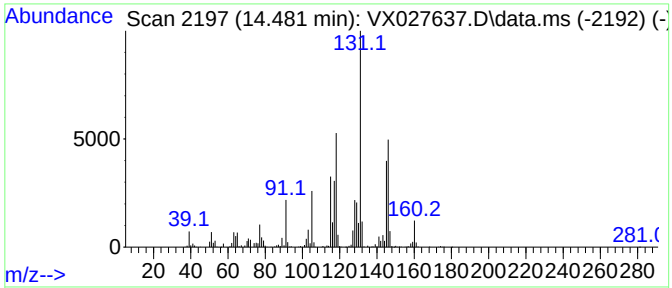
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260

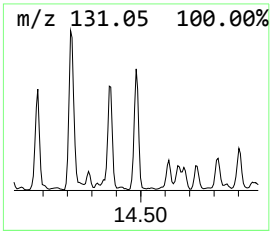
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

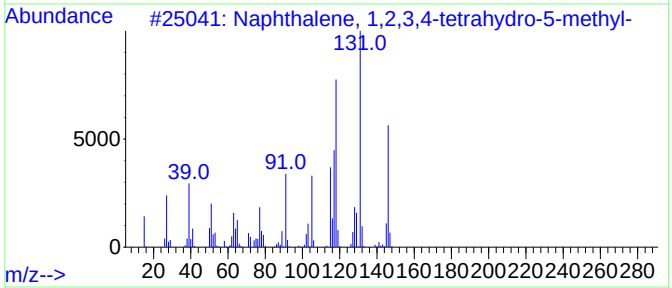
**********
Peak Number 13 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 5

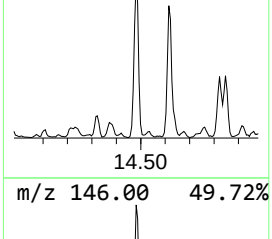
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.481 | 20.67 ug/l | 531983 | 1,4-Dichlorobenzene-d4 | 12.024 |

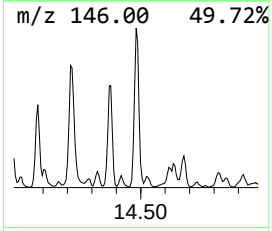
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 002809-64-5 | 89 |
| 2 | 2-Propenal, 3-(4-methylphenyl)- | 146 | C10H10O | 001504-75-2 | 64 |
| 3 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 001680-51-9 | 62 |
| 4 | Benzene, 2-ethenyl-1,3,5-trimethyl- | 146 | C11H14 | 000769-25-5 | 53 |
| 5 | Benzene, (3-methyl-2-butenyl)- | 146 | C11H14 | 004489-84-3 | 53 |

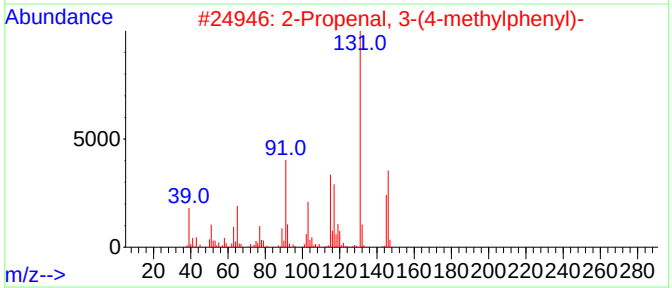


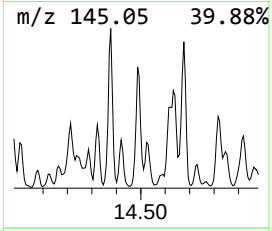



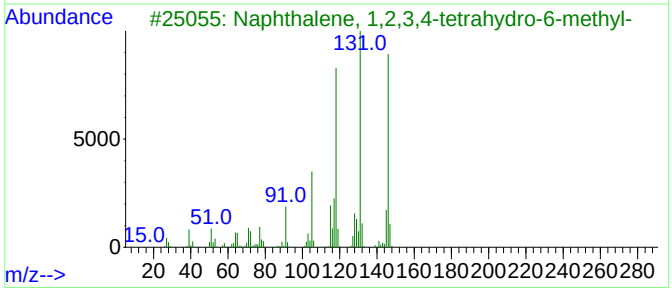



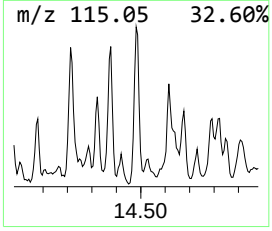



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
Data File : VX027637.D
Acq On : 23 Mar 2022 01:22
Operator : JC/MD
Sample : N2062-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-2R

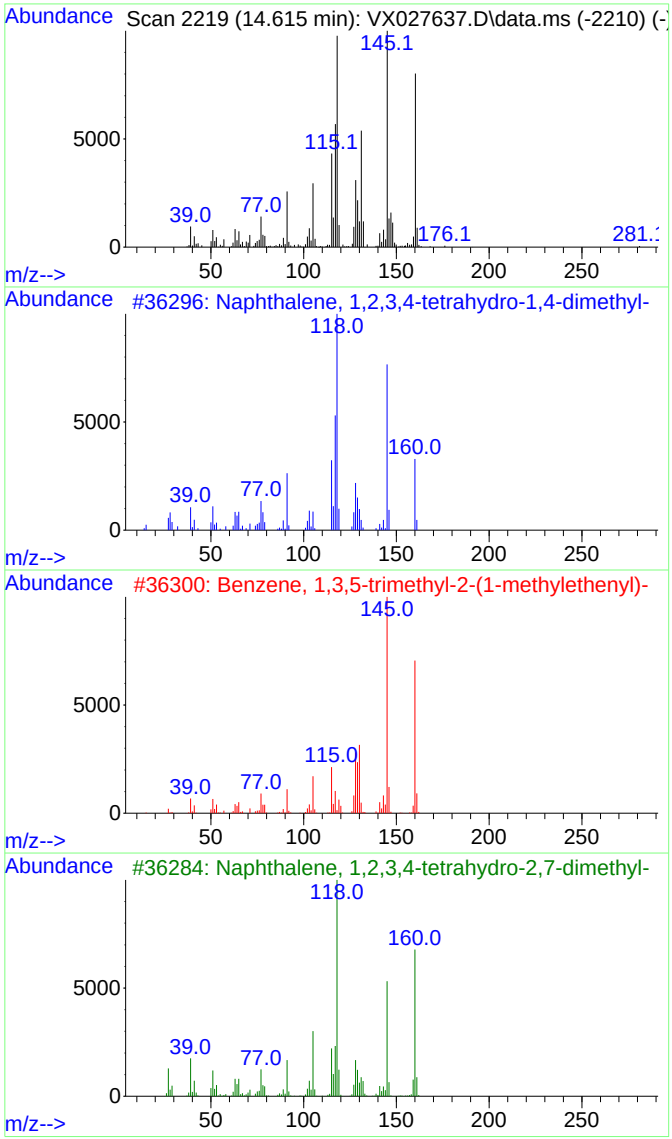
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260

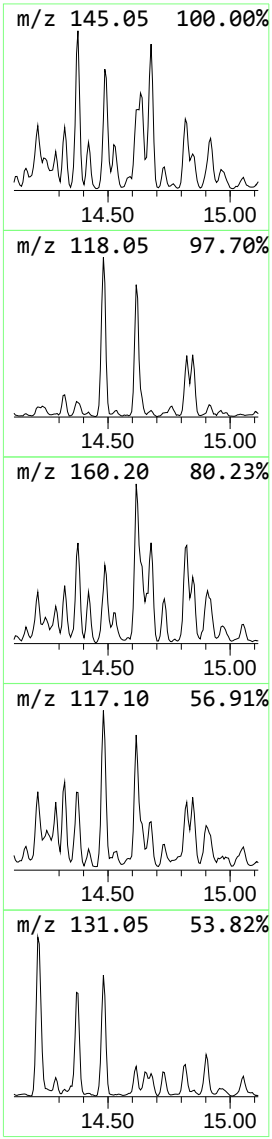
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.615 | 16.05 ug/l | 413257 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16 | 004175-54-6 | 95 |
| 2 | Benzene, 1,3,5-trimethyl-2-(1-me... | 160 | C12H16 | 014679-13-1 | 78 |
| 3 | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16 | 013065-07-1 | 68 |
| 4 | Benzene, 1-(1-methylethenyl)-3-(... | 160 | C12H16 | 001129-29-9 | 60 |
| 5 | Benzene, 4-(2-butenyl)-1,2-dimet... | 160 | C12H16 | 054340-86-2 | 53 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
Data File : VX027637.D
Acq On : 23 Mar 2022 01:22
Operator : JC/MD
Sample : N2062-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-2R

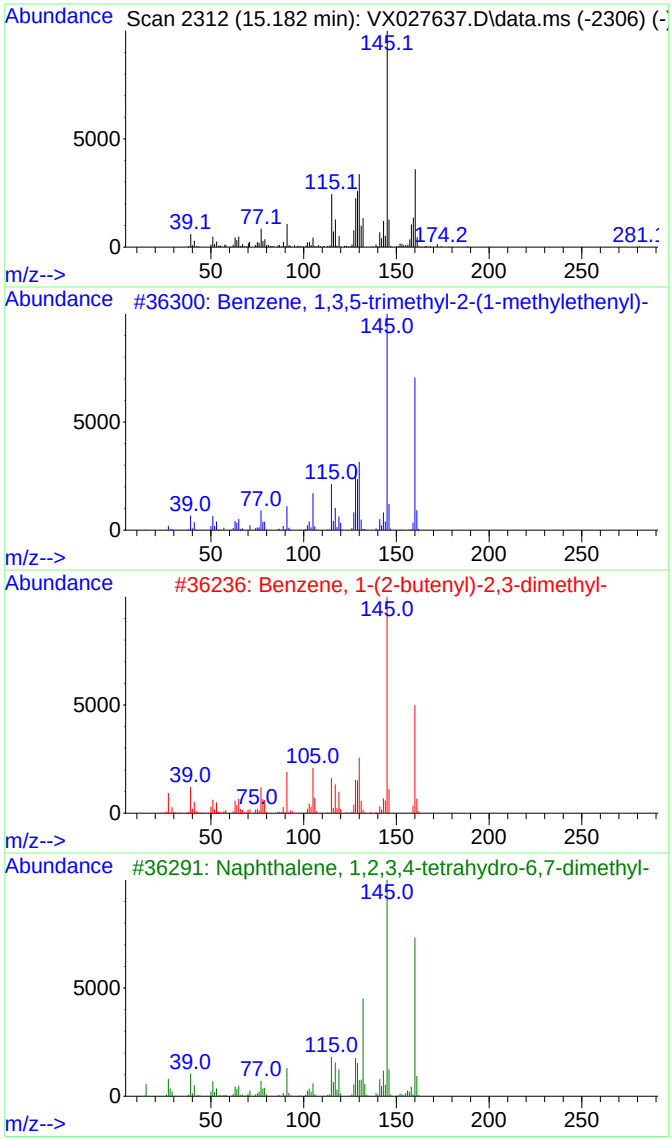
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260

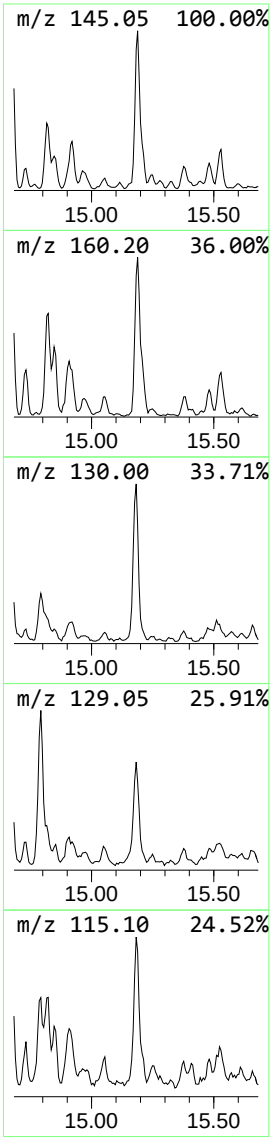
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.182 | 17.08 ug/l | 439598 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,3,5-trimethyl-2-(1-me... | 160 | C12H16 | 014679-13-1 | 91 |
| 2 | Benzene, 1-(2-butenyl)-2,3-dimet... | 160 | C12H16 | 054340-85-1 | 81 |
| 3 | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16 | 001076-61-5 | 70 |
| 4 | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16 | 004175-54-6 | 70 |
| 5 | 1H-Indene, 2,3-dihydro-1,1,3-tri... | 160 | C12H16 | 002613-76-5 | 58 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
Data File : VX027637.D
Acq On : 23 Mar 2022 01:22
Operator : JC/MD
Sample : N2062-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-2R

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.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, 2-prop... | 12.244 | 64.7 | ug/l | 1665990 | 4 | 12.024 | 1287030 | 50.0 |
| (E)-1-Phenyl-1-... | 12.646 | 10.1 | ug/l | 258729 | 4 | 12.024 | 1287030 | 50.0 |
| Benzene, 1-ethe... | 12.701 | 30.3 | ug/l | 779265 | 4 | 12.024 | 1287030 | 50.0 |
| Indan, 1-methyl- | 13.292 | 25.6 | ug/l | 658741 | 4 | 12.024 | 1287030 | 50.0 |
| 1H-Indene, 2,3-... | 13.585 | 11.6 | ug/l | 299168 | 4 | 12.024 | 1287030 | 50.0 |
| 1H-Indene, 2,3-... | 13.646 | 17.3 | ug/l | 445898 | 4 | 12.024 | 1287030 | 50.0 |
| 1H-Indene, 2,3-... | 13.664 | 21.5 | ug/l | 554321 | 4 | 12.024 | 1287030 | 50.0 |
| Naphthalene, 1,... | 13.853 | 9.9 | ug/l | 254286 | 4 | 12.024 | 1287030 | 50.0 |
| Naphthalene, 1,... | 13.926 | 20.0 | ug/l | 515320 | 4 | 12.024 | 1287030 | 50.0 |
| Benzene, (1,2-d... | 14.213 | 18.3 | ug/l | 470397 | 4 | 12.024 | 1287030 | 50.0 |
| Benzene, pentam... | 14.323 | 12.2 | ug/l | 314669 | 4 | 12.024 | 1287030 | 50.0 |
| 1H-Indene, 2,3-... | 14.377 | 15.2 | ug/l | 391351 | 4 | 12.024 | 1287030 | 50.0 |
| Naphthalene, 1,... | 14.481 | 20.7 | ug/l | 531983 | 4 | 12.024 | 1287030 | 50.0 |
| Naphthalene, 1,... | 14.615 | 16.1 | ug/l | 413257 | 4 | 12.024 | 1287030 | 50.0 |
| Benzene, 1,3,5-... | 15.182 | 17.1 | ug/l | 439598 | 4 | 12.024 | 1287030 | 50.0 |