LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
Data File : VX031531.D
Acq On : 21 Sep 2022 17:50
Operator : JC/MD
Sample : N4614-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-13R

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\82X091922W.M
Title : SW846 8260

Signal : TIC: VX031531.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.368 | 41 | 46 | 52 | rBV | 131936 | 130099 | 1.74% | 0.175% |
| 2 | 1.746 | 103 | 108 | 118 | rVB | 481610 | 617382 | 8.25% | 0.832% |
| 3 | 1.953 | 137 | 142 | 153 | rVB2 | 177508 | 304072 | 4.07% | 0.410% |
| 4 | 2.069 | 155 | 161 | 167 | rVV | 120306 | 166581 | 2.23% | 0.225% |
| 5 | 2.160 | 167 | 176 | 180 | rVV | 62301 | 97172 | 1.30% | 0.131% |
| 6 | 2.215 | 180 | 185 | 193 | rVB | 162270 | 239201 | 3.20% | 0.322% |
| 7 | 2.776 | 258 | 277 | 281 | rBV2 | 89691 | 260877 | 3.49% | 0.352% |
| 8 | 2.825 | 281 | 285 | 288 | rVV | 133028 | 259649 | 3.47% | 0.350% |
| 9 | 2.867 | 288 | 292 | 303 | rVV2 | 135572 | 335614 | 4.49% | 0.452% |
| 10 | 2.983 | 304 | 311 | 322 | rVV | 49083 | 146123 | 1.95% | 0.197% |
| 11 | 3.105 | 322 | 331 | 349 | rVB3 | 167162 | 429936 | 5.75% | 0.580% |
| 12 | 3.446 | 377 | 387 | 398 | rVB | 49288 | 108521 | 1.45% | 0.146% |
| 13 | 3.733 | 427 | 434 | 444 | rVB2 | 58895 | 151352 | 2.02% | 0.204% |
| 14 | 3.837 | 444 | 451 | 457 | rBV2 | 39983 | 93165 | 1.25% | 0.126% |
| 15 | 4.306 | 518 | 528 | 540 | rVB | 336918 | 945251 | 12.64% | 1.274% |
| 16 | 5.196 | 663 | 674 | 691 | rVB2 | 39768 | 134856 | 1.80% | 0.182% |
| 17 | 5.391 | 691 | 706 | 712 | rBV | 94531 | 282617 | 3.78% | 0.381% |
| 18 | 5.477 | 712 | 720 | 728 | rBV4 | 112566 | 347764 | 4.65% | 0.469% |
| 19 | 5.556 | 728 | 733 | 739 | rVB2 | 46627 | 107914 | 1.44% | 0.145% |
| 20 | 5.830 | 766 | 778 | 790 | rBV4 | 49872 | 152593 | 2.04% | 0.206% |
| 21 | 5.958 | 790 | 799 | 804 | rVV | 96015 | 243365 | 3.25% | 0.328% |
| 22 | 6.044 | 804 | 813 | 824 | rVV | 908259 | 2357901 | 31.52% | 3.179% |
| 23 | 6.202 | 824 | 839 | 841 | rVV3 | 64726 | 277928 | 3.72% | 0.375% |
| 24 | 6.251 | 842 | 847 | 857 | rVV3 | 135196 | 396058 | 5.29% | 0.534% |
| 25 | 6.361 | 857 | 865 | 876 | rVB | 46471 | 133414 | 1.78% | 0.180% |
| 26 | 6.611 | 895 | 906 | 915 | rBV2 | 29206 | 77089 | 1.03% | 0.104% |
| 27 | 6.763 | 923 | 931 | 938 | rBV | 133157 | 340983 | 4.56% | 0.460% |
| 28 | 6.848 | 939 | 945 | 954 | rVB3 | 52548 | 156782 | 2.10% | 0.211% |
| 29 | 7.178 | 990 | 999 | 1008 | rBV2 | 35883 | 82808 | 1.11% | 0.112% |
| 30 | 7.379 | 1020 | 1032 | 1043 | rBV4 | 219337 | 583066 | 7.79% | 0.786% |
| 31 | 7.659 | 1072 | 1078 | 1087 | rVB | 47179 | 94032 | 1.26% | 0.127% |
| 32 | 7.988 | 1122 | 1132 | 1143 | rVB | 87271 | 191302 | 2.56% | 0.258% |
| 33 | 8.110 | 1143 | 1152 | 1155 | rBV | 142041 | 289937 | 3.88% | 0.391% |
| 34 | 8.147 | 1155 | 1158 | 1162 | rVB | 81629 | 120159 | 1.61% | 0.162% |
| 35 | 8.507 | 1210 | 1217 | 1226 | rVB2 | 98461 | 178104 | 2.38% | 0.240% |
| 36 | 8.653 | 1235 | 1241 | 1247 | rVB | 510145 | 799394 | 10.69% | 1.078% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
Data File : VX031531.D
Acq On : 21 Sep 2022 17:50
Operator : JC/MD
Sample : N4614-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-13R

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\82X091922W.M
Title : SW846 8260

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 8.720 | 1247 | 1252 | 1258 | rBV | 183936 | 266719 | 3.57% | 0.360% |
| 38 | 8.958 | 1287 | 1291 | 1301 | rVB | 113039 | 193347 | 2.58% | 0.261% |
| 39 | 9.049 | 1301 | 1306 | 1311 | rBV | 103428 | 156700 | 2.09% | 0.211% |
| 40 | 10.055 | 1461 | 1471 | 1476 | rBV | 299232 | 429227 | 5.74% | 0.579% |
| 41 | 10.195 | 1489 | 1494 | 1500 | rBV | 3366282 | 4162725 | 55.65% | 5.612% |
| 42 | 10.305 | 1506 | 1512 | 1518 | rVB | 1493919 | 1820652 | 24.34% | 2.455% |
| 43 | 10.640 | 1563 | 1567 | 1577 | rVB | 215584 | 291096 | 3.89% | 0.392% |
| 44 | 10.963 | 1614 | 1620 | 1626 | rBV | 895939 | 1102211 | 14.74% | 1.486% |
| 45 | 11.079 | 1635 | 1639 | 1645 | rBV | 447595 | 574095 | 7.68% | 0.774% |
| 46 | 11.305 | 1666 | 1676 | 1682 | rBV | 2711641 | 3271020 | 43.73% | 4.410% |
| 47 | 11.402 | 1684 | 1692 | 1697 | rVV | 1335930 | 1730995 | 23.14% | 2.334% |
| 48 | 11.451 | 1697 | 1700 | 1709 | rVB | 93184 | 122800 | 1.64% | 0.166% |
| 49 | 11.616 | 1721 | 1727 | 1737 | rBV | 2872413 | 3219631 | 43.04% | 4.341% |
| 50 | 11.756 | 1744 | 1750 | 1755 | rVB | 3318003 | 3833193 | 51.25% | 5.168% |
| 51 | 11.866 | 1763 | 1768 | 1770 | rBV | 134517 | 174313 | 2.33% | 0.235% |
| 52 | 11.890 | 1770 | 1772 | 1779 | rVB | 180296 | 206547 | 2.76% | 0.278% |
| 53 | 11.969 | 1779 | 1785 | 1789 | rBV | 96703 | 123895 | 1.66% | 0.167% |
| 54 | 12.024 | 1789 | 1794 | 1799 | rVB2 | 433058 | 553164 | 7.40% | 0.746% |
| 55 | 12.091 | 1799 | 1805 | 1810 | rBV | 1401735 | 1641629 | 21.95% | 2.213% |
| 56 | 12.244 | 1825 | 1830 | 1837 | rBV | 6105089 | 7480050 | 100.00% | 10.084% |
| 57 | 12.317 | 1837 | 1842 | 1850 | rVB2 | 726436 | 1273125 | 17.02% | 1.716% |
| 58 | 12.408 | 1852 | 1857 | 1862 | rBV2 | 235184 | 309632 | 4.14% | 0.417% |
| 59 | 12.463 | 1862 | 1866 | 1872 | rVB | 590018 | 693426 | 9.27% | 0.935% |
| 60 | 12.530 | 1872 | 1877 | 1880 | rBV | 602651 | 801707 | 10.72% | 1.081% |
| 61 | 12.555 | 1880 | 1881 | 1886 | rVB | 331749 | 275530 | 3.68% | 0.371% |
| 62 | 12.616 | 1886 | 1891 | 1894 | rBV | 2958186 | 3339401 | 44.64% | 4.502% |
| 63 | 12.646 | 1894 | 1896 | 1900 | rVB | 479725 | 505098 | 6.75% | 0.681% |
| 64 | 12.701 | 1900 | 1905 | 1913 | rBV2 | 1650422 | 2189074 | 29.27% | 2.951% |
| 65 | 12.847 | 1924 | 1929 | 1934 | rVB2 | 400063 | 500899 | 6.70% | 0.675% |
| 66 | 12.920 | 1934 | 1941 | 1945 | rBV | 1638134 | 2026575 | 27.09% | 2.732% |
| 67 | 12.963 | 1945 | 1948 | 1954 | rVB | 1200470 | 1383081 | 18.49% | 1.865% |
| 68 | 13.024 | 1954 | 1958 | 1964 | rBV3 | 138615 | 231294 | 3.09% | 0.312% |
| 69 | 13.170 | 1978 | 1982 | 1987 | rVB | 1231775 | 1393477 | 18.63% | 1.879% |
| 70 | 13.256 | 1992 | 1996 | 1998 | rBV2 | 120910 | 181596 | 2.43% | 0.245% |
| 71 | 13.292 | 1998 | 2002 | 2007 | rVV2 | 3323736 | 4387012 | 58.65% | 5.914% |
| 72 | 13.341 | 2007 | 2010 | 2013 | rVV3 | 128915 | 193722 | 2.59% | 0.261% |
| 73 | 13.372 | 2013 | 2015 | 2019 | rVB | 124784 | 120802 | 1.61% | 0.163% |
| 74 | 13.426 | 2019 | 2024 | 2032 | rVB | 358732 | 475778 | 6.36% | 0.641% |
| 75 | 13.506 | 2032 | 2037 | 2040 | rBV2 | 133030 | 179887 | 2.40% | 0.243% |
| 76 | 13.542 | 2040 | 2043 | 2046 | rVV | 292514 | 387365 | 5.18% | 0.522% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
Data File : VX031531.D
Acq On : 21 Sep 2022 17:50
Operator : JC/MD
Sample : N4614-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-13R

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\82X091922W.M
Title : SW846 8260

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 13.585 | 2046 | 2050 | 2055 | rVV3 | 362062 | 617217 | 8.25% | 0.832% |
| 78 | 13.640 | 2056 | 2059 | 2060 | rVV3 | 154626 | 177384 | 2.37% | 0.239% |
| 79 | 13.664 | 2060 | 2063 | 2069 | rVB2 | 323953 | 504811 | 6.75% | 0.681% |
| 80 | 13.780 | 2075 | 2082 | 2091 | rBV | 3209440 | 4236945 | 56.64% | 5.712% |
| 81 | 13.859 | 2091 | 2095 | 2100 | rVB2 | 64758 | 118098 | 1.58% | 0.159% |
| 82 | 13.926 | 2100 | 2106 | 2110 | rBV2 | 157774 | 225558 | 3.02% | 0.304% |
| 83 | 13.969 | 2110 | 2113 | 2117 | rVB2 | 118565 | 140506 | 1.88% | 0.189% |
| 84 | 14.079 | 2126 | 2131 | 2135 | rBV | 201149 | 256742 | 3.43% | 0.346% |
| 85 | 14.219 | 2149 | 2154 | 2160 | rBV2 | 186420 | 332852 | 4.45% | 0.449% |
| 86 | 14.323 | 2167 | 2171 | 2175 | rBV | 98380 | 120770 | 1.61% | 0.163% |
| 87 | 14.371 | 2175 | 2179 | 2184 | rVB | 130973 | 159161 | 2.13% | 0.215% |
| 88 | 14.481 | 2192 | 2197 | 2202 | rBV2 | 67353 | 96360 | 1.29% | 0.130% |
| 89 | 14.640 | 2218 | 2223 | 2234 | rVB | 1043902 | 1335889 | 17.86% | 1.801% |
| 90 | 14.780 | 2241 | 2246 | 2255 | rBV | 1164826 | 1432714 | 19.15% | 1.932% |
| 91 | 15.481 | 2354 | 2361 | 2366 | rBV | 94084 | 153845 | 2.06% | 0.207% |
| 92 | 15.615 | 2374 | 2383 | 2386 | rBV | 140734 | 219167 | 2.93% | 0.295% |
| 93 | 15.652 | 2386 | 2389 | 2395 | rVB | 83022 | 118850 | 1.59% | 0.160% |
| 94 | 15.834 | 2408 | 2419 | 2431 | rVB2 | 34212 | 91976 | 1.23% | 0.124% |

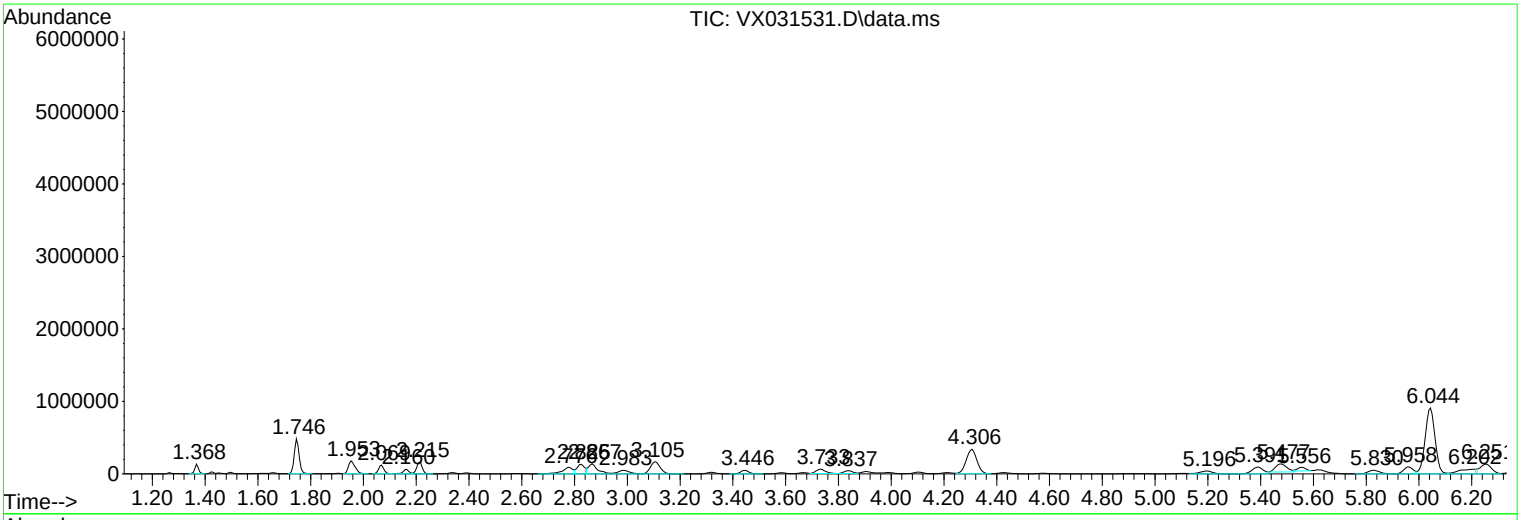
Sum of corrected areas: 74174396

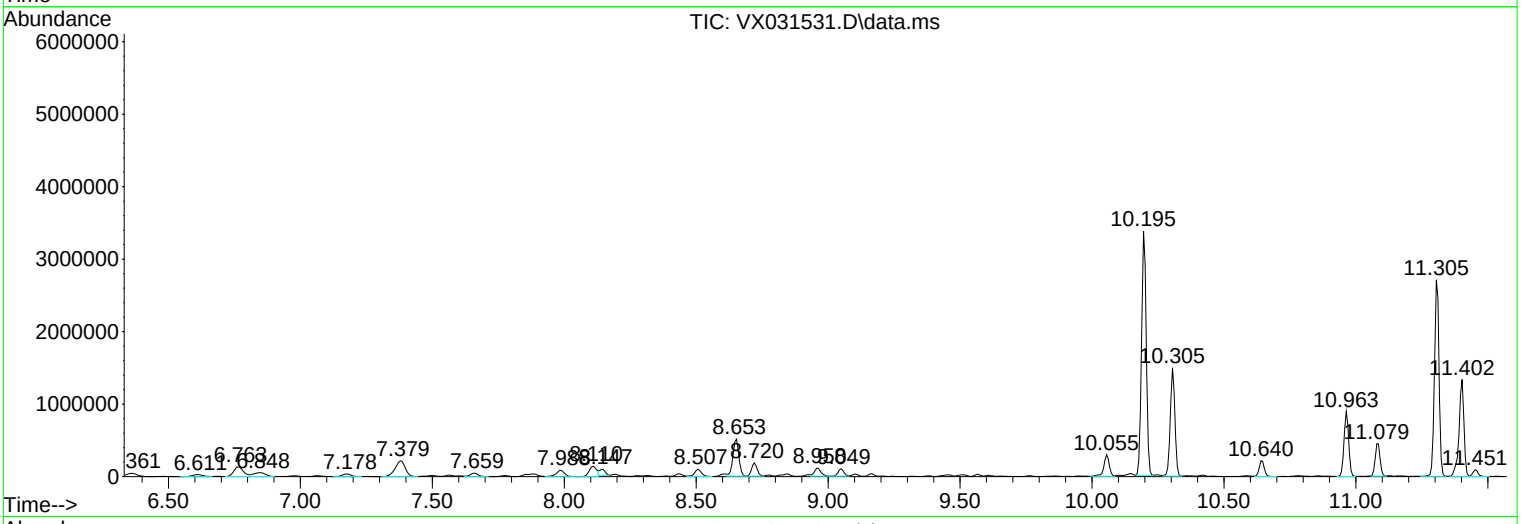
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
Data File : VX031531.D
Acq On : 21 Sep 2022 17:50
Operator : JC/MD
Sample : N4614-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

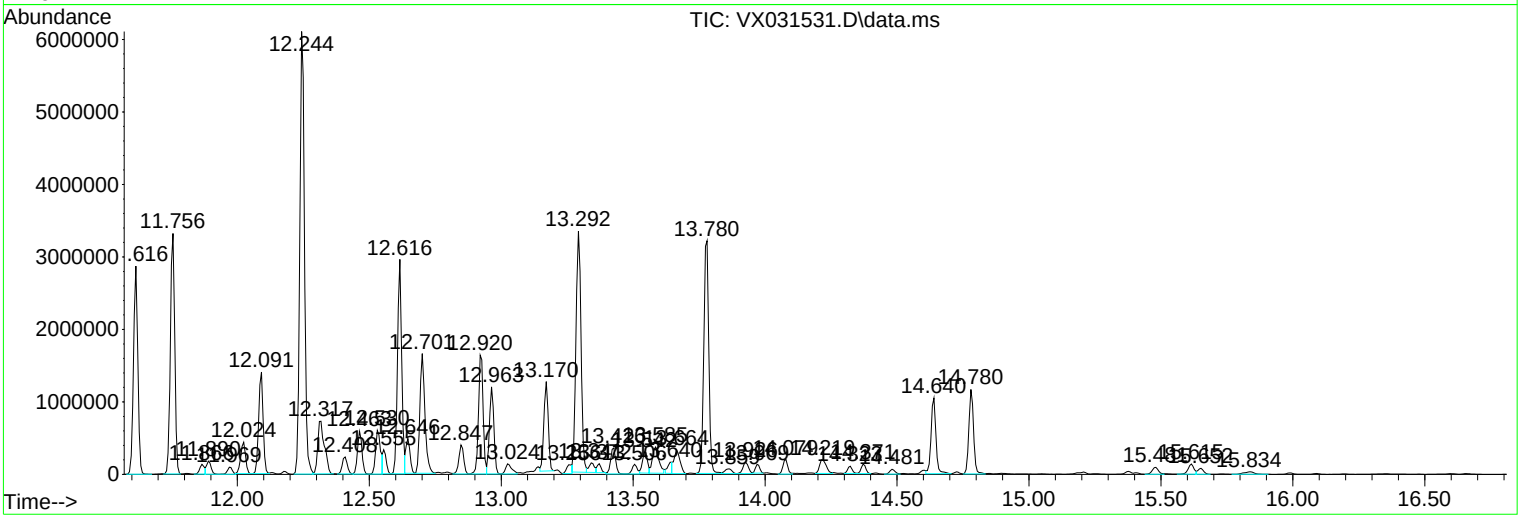
**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-13R

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
Data File : VX031531.D
Acq On : 21 Sep 2022 17:50
Operator : JC/MD
Sample : N4614-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-13R

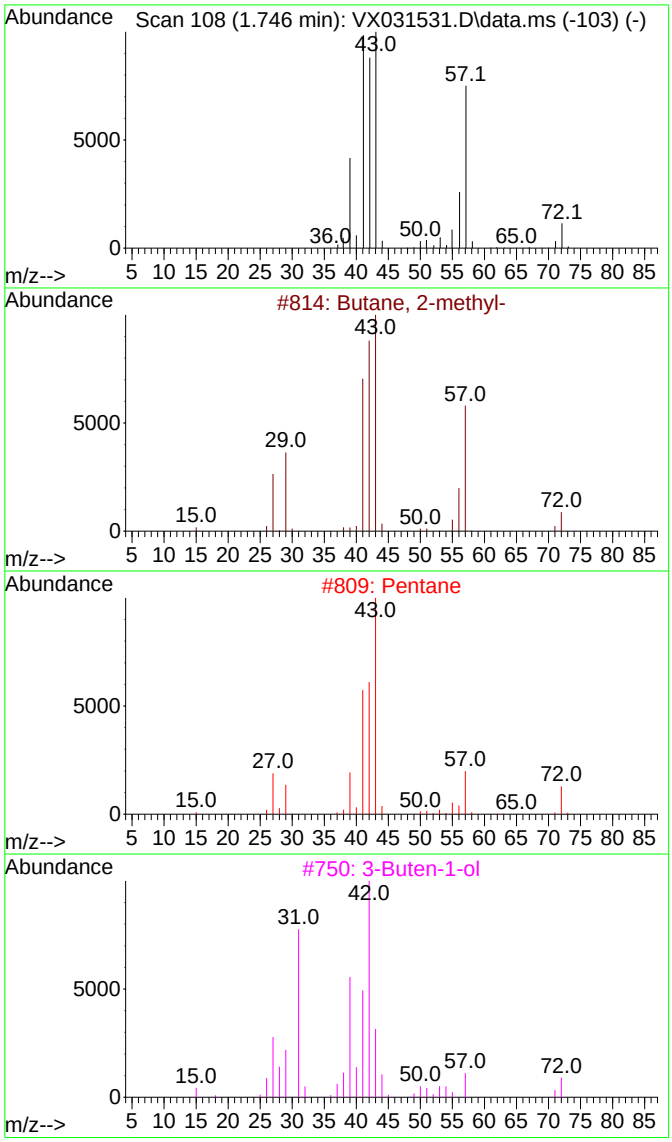
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260

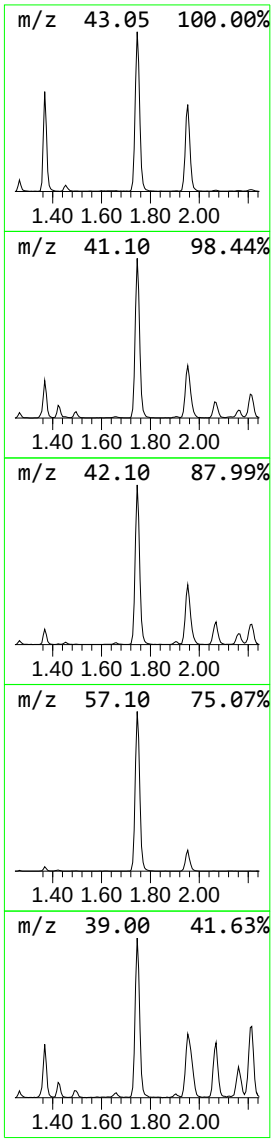
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Butane, 2-methyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 1.746 | 286.05 ug/l | 617382 | Pentafluorobenzene | 5.556 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methyl- | 72 | C5H12 | 000078-78-4 | 64 |
| 2 | Pentane | 72 | C5H12 | 000109-66-0 | 36 |
| 3 | 3-Buten-1-ol | 72 | C4H8O | 000627-27-0 | 33 |
| 4 | 1,3-Dimethyldiaziridine | 72 | C3H8N2 | 026177-36-6 | 25 |
| 5 | Butane, 1-chloro-2-methyl- | 106 | C5H11Cl | 000616-13-7 | 12 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
Data File : VX031531.D
Acq On : 21 Sep 2022 17:50
Operator : JC/MD
Sample : N4614-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-13R

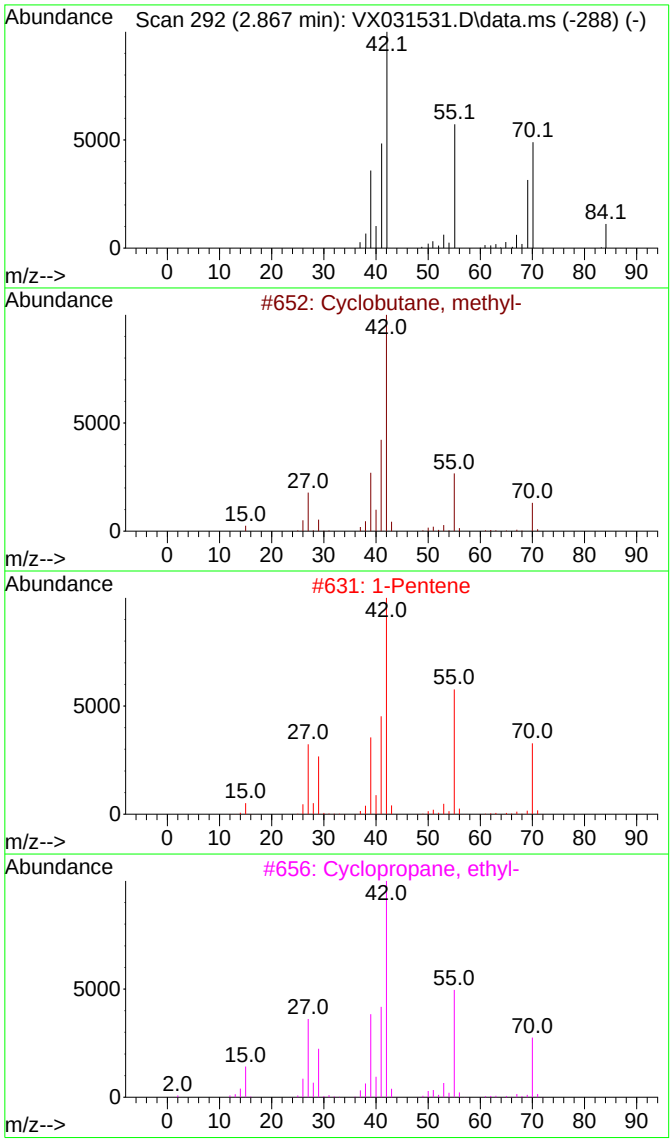
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260

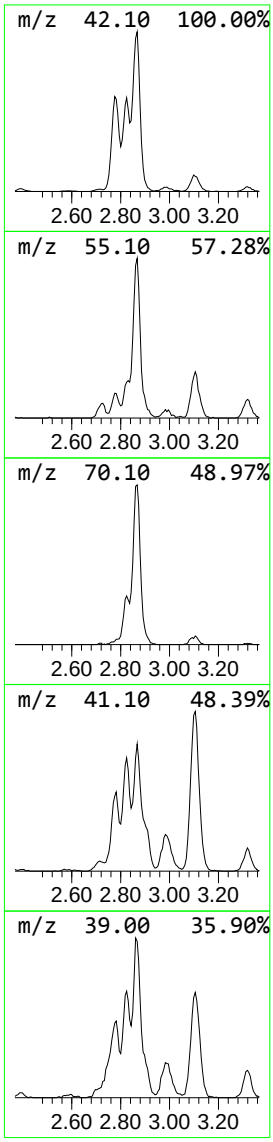
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Cyclobutane, methyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.867 | 155.50 ug/l | 335614 | Pentafluorobenzene | 5.556 |

| 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 | 72 |
| 3 | Cyclopropane, ethyl- | 70 | C5H10 | 001191-96-4 | 45 |
| 4 | 2-Pentene | 70 | C5H10 | 000109-68-2 | 43 |
| 5 | Cyclopropane, 1,2-dimethyl-, trans- | 70 | C5H10 | 002402-06-4 | 32 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
Data File : VX031531.D
Acq On : 21 Sep 2022 17:50
Operator : JC/MD
Sample : N4614-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-13R

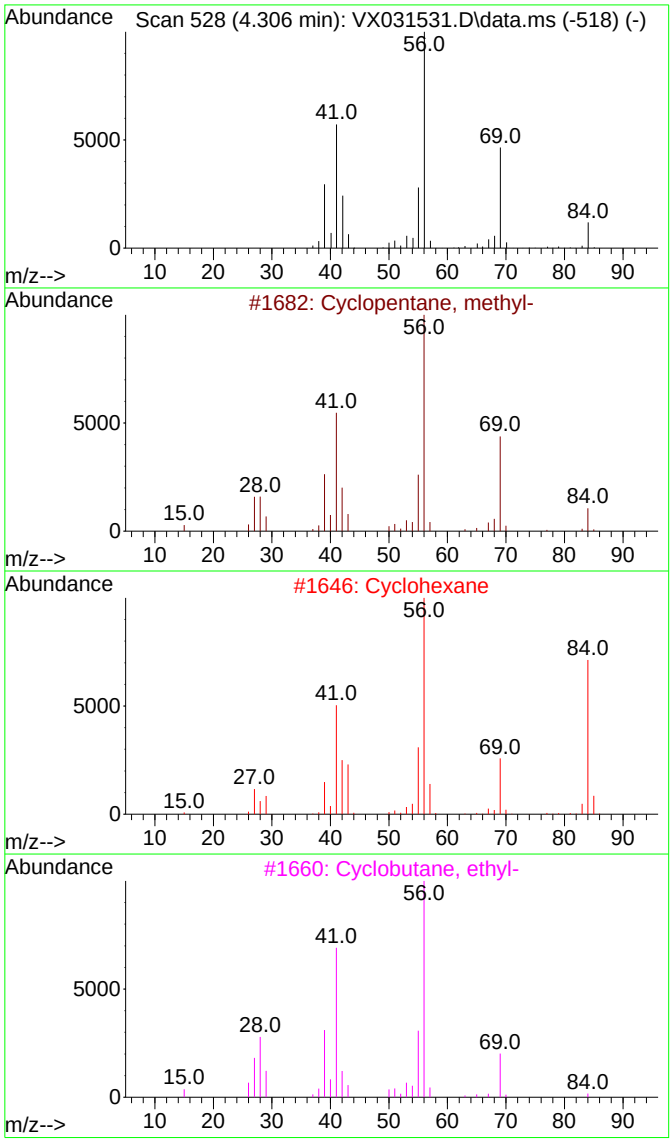
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260

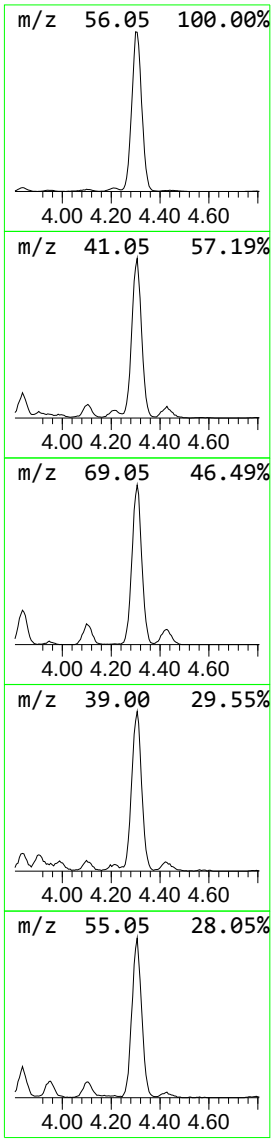
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Cyclopentane, methyl- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.306 | 437.96 ug/l | 945251 | Pentafluorobenzene | 5.556 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentane, methyl- | 84 | C6H12 | 000096-37-7 | 91 |
| 2 | Cyclohexane | 84 | C6H12 | 000110-82-7 | 83 |
| 3 | Cyclobutane, ethyl- | 84 | C6H12 | 004806-61-5 | 59 |
| 4 | Propane, 2-cyclopropyl- | 84 | C6H12 | 003638-35-5 | 59 |
| 5 | 1-Hexene | 84 | C6H12 | 000592-41-6 | 50 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
Data File : VX031531.D
Acq On : 21 Sep 2022 17:50
Operator : JC/MD
Sample : N4614-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-13R

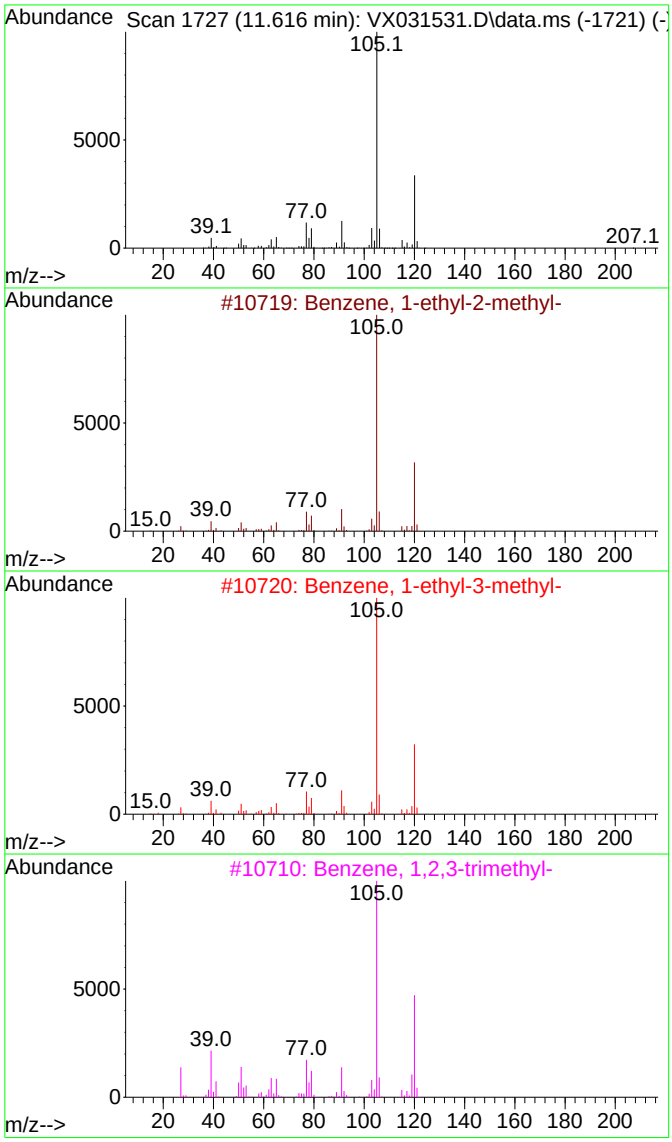
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260

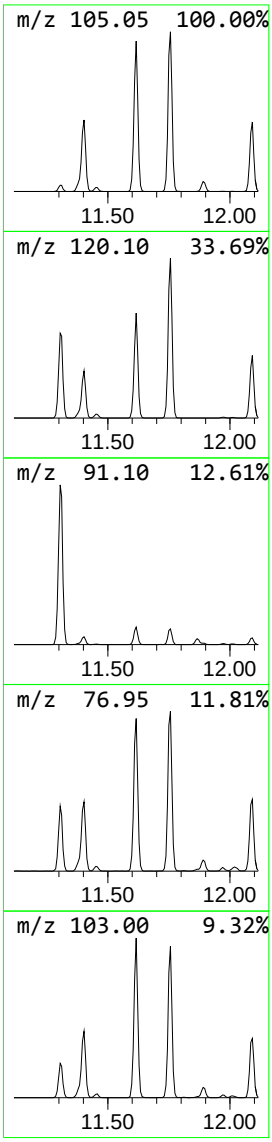
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.616 | 291.02 ug/l | 3219630 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 94 |
| 2 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 91 |
| 3 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 91 |
| 4 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |
| 5 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
Data File : VX031531.D
Acq On : 21 Sep 2022 17:50
Operator : JC/MD
Sample : N4614-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-13R

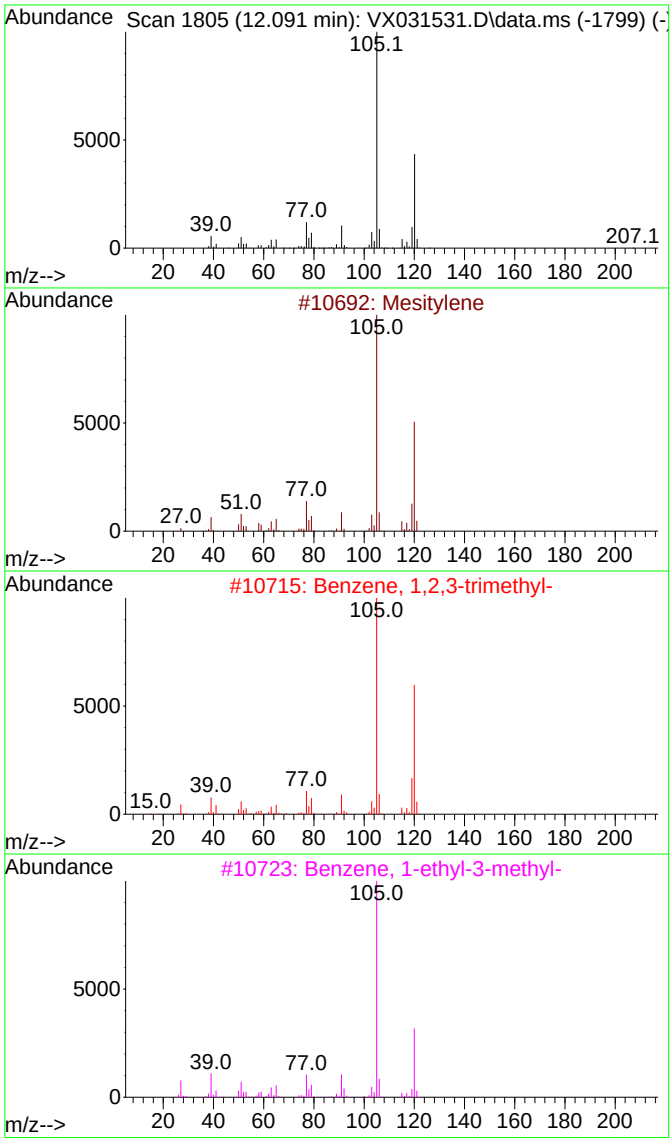
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260

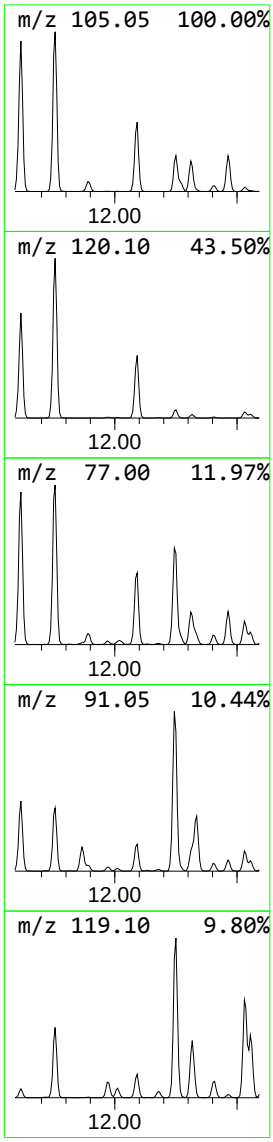
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.091 | 148.38 ug/l | 1641630 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Mesitylene | 120 | C9H12 | 000108-67-8 | 97 |
| 2 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 95 |
| 3 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 91 |
| 4 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 91 |
| 5 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 90 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
Data File : VX031531.D
Acq On : 21 Sep 2022 17:50
Operator : JC/MD
Sample : N4614-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-13R

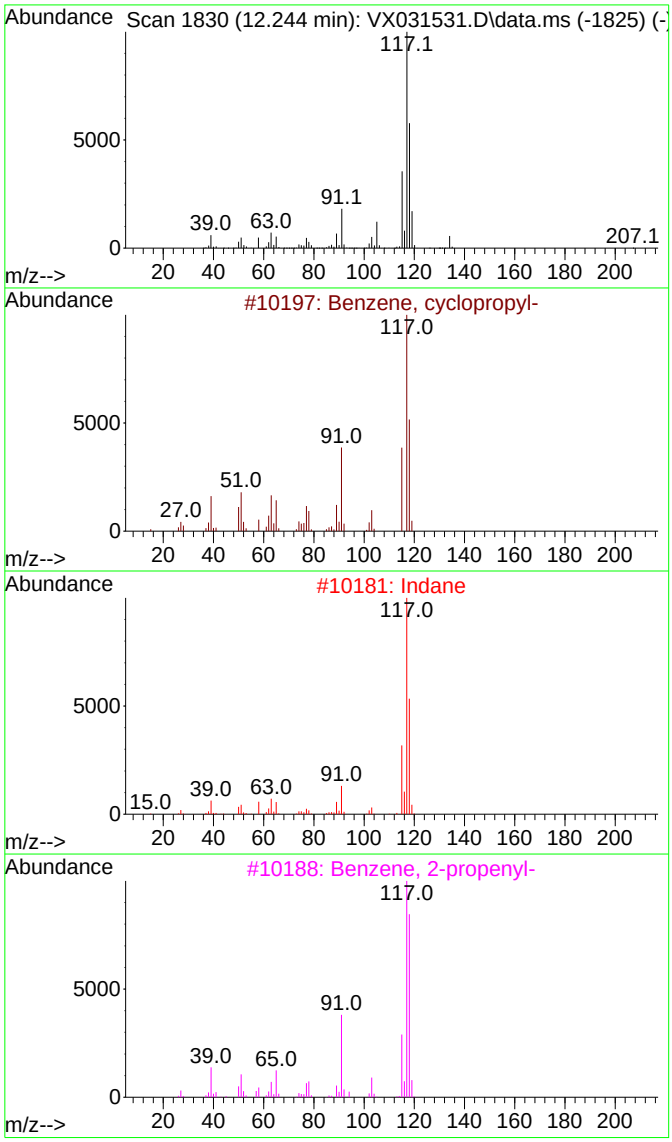
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260

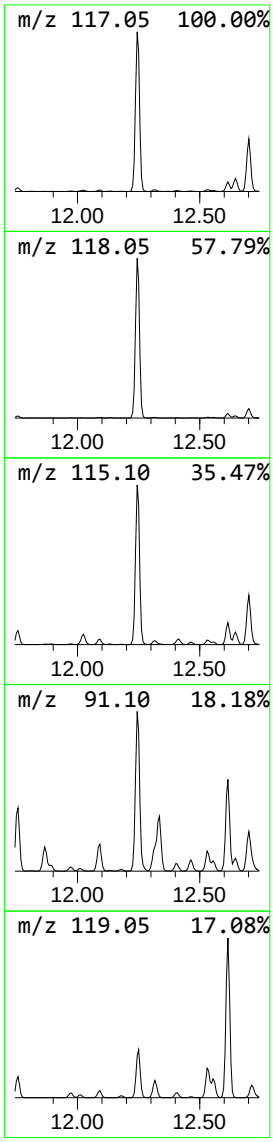
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Benzene, cyclopropyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.244 | 676.12 ug/l | 7480050 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 76 |
| 2 | Indane | 118 | C9H10 | 000496-11-7 | 76 |
| 3 | Benzene, 2-propenyl- | 118 | C9H10 | 000300-57-2 | 68 |
| 4 | Deltacyclene | 118 | C9H10 | 007785-10-6 | 58 |
| 5 | (Z)-1-Phenylpropene | 118 | C9H10 | 000766-90-5 | 49 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
Data File : VX031531.D
Acq On : 21 Sep 2022 17:50
Operator : JC/MD
Sample : N4614-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-13R

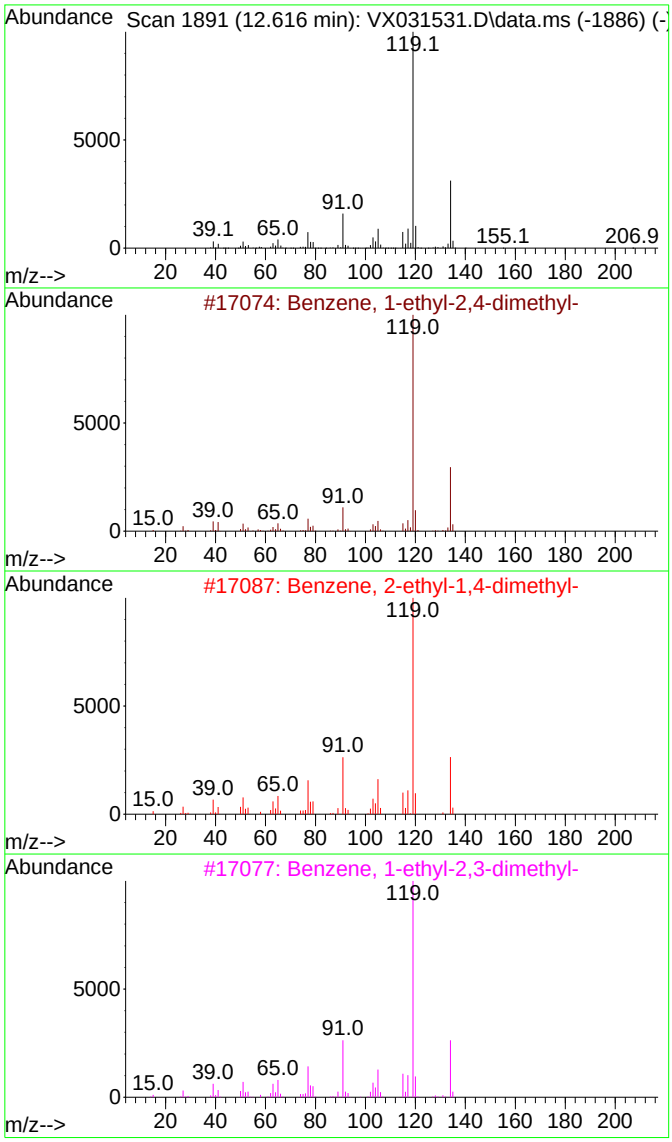
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260

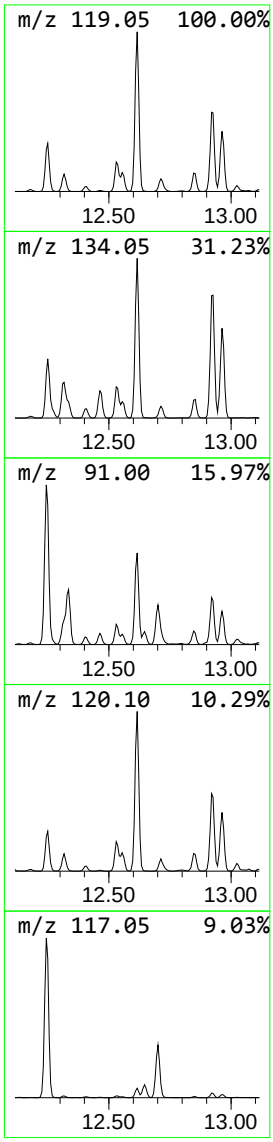
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.616 | 301.85 ug/l | 3339400 | 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, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 96 |
| 4 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 95 |
| 5 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 95 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
Data File : VX031531.D
Acq On : 21 Sep 2022 17:50
Operator : JC/MD
Sample : N4614-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-13R

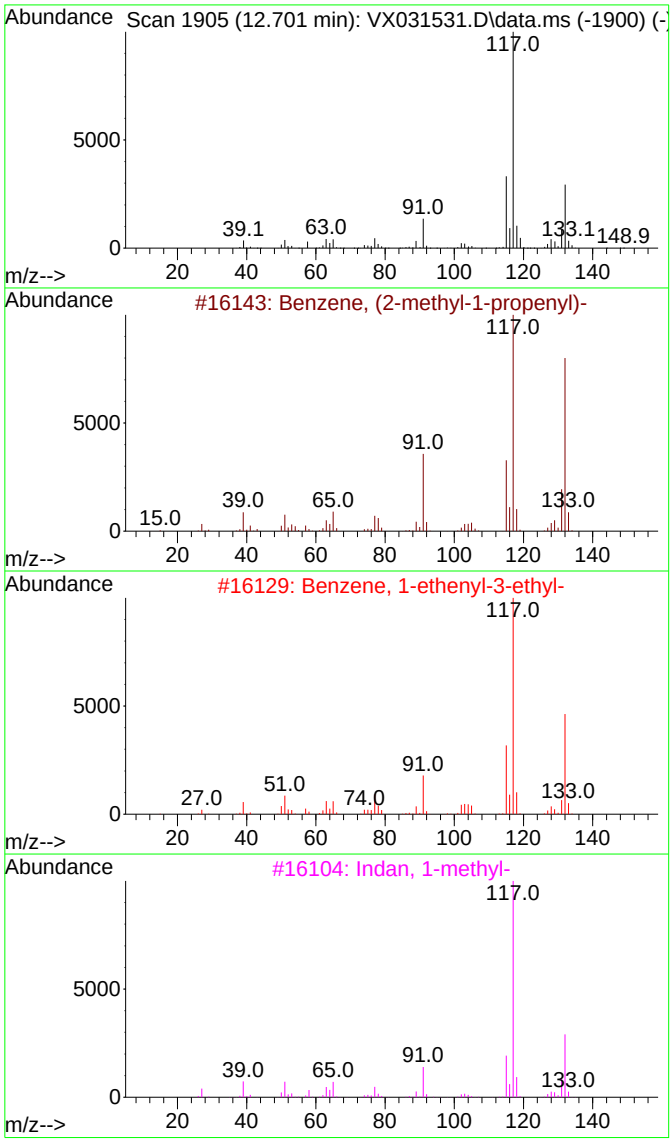
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260

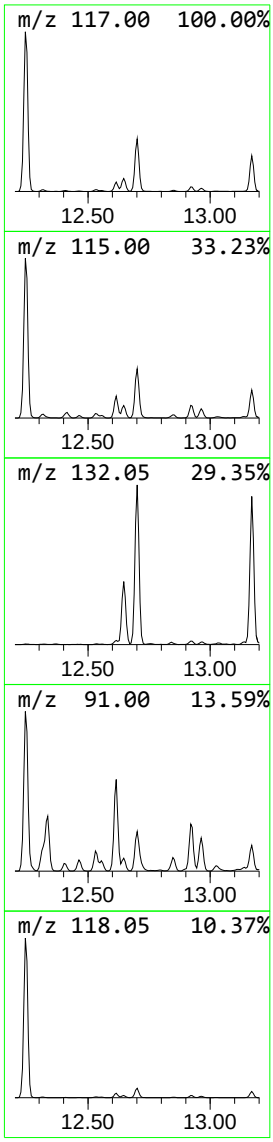
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Benzene, (2-methyl-1-propen... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.701 | 197.87 ug/l | 2189070 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (2-methyl-1-propenyl)- | 132 | C10H12 | 000768-49-0 | 90 |
| 2 | Benzene, 1-ethenyl-3-ethyl- | 132 | C10H12 | 007525-62-4 | 90 |
| 3 | Indan, 1-methyl- | 132 | C10H12 | 000767-58-8 | 87 |
| 4 | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12 | 000768-00-3 | 83 |
| 5 | 1-Phenyl-1-butene | 132 | C10H12 | 000824-90-8 | 83 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
Data File : VX031531.D
Acq On : 21 Sep 2022 17:50
Operator : JC/MD
Sample : N4614-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-13R

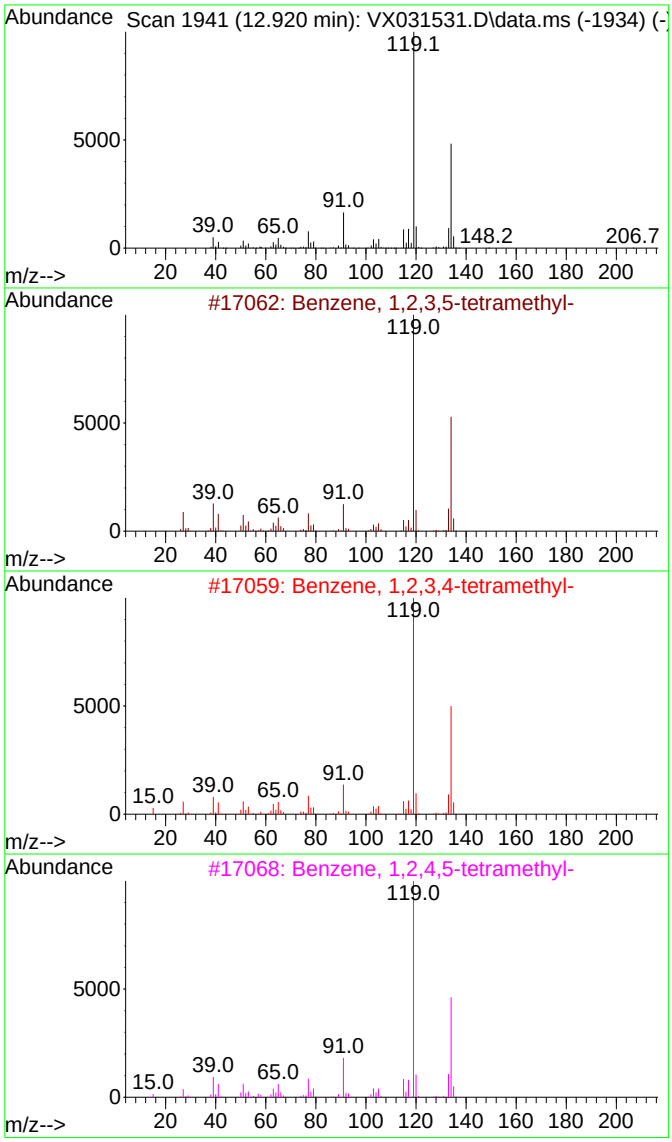
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260

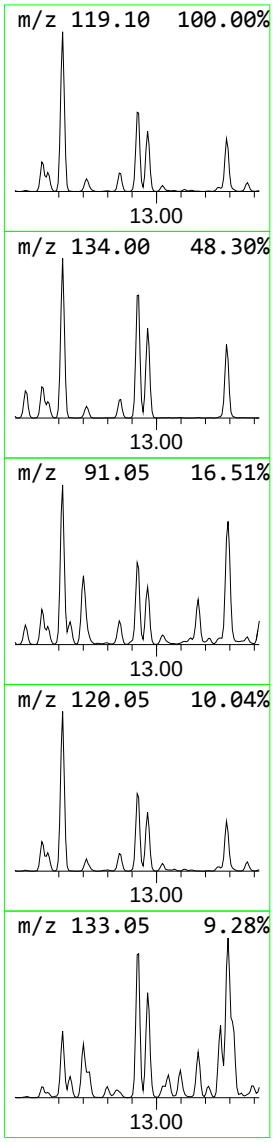
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.920 | 183.18 ug/l | 2026580 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 97 |
| 2 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 97 |
| 3 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 96 |
| 4 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 95 |
| 5 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 93 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
Data File : VX031531.D
Acq On : 21 Sep 2022 17:50
Operator : JC/MD
Sample : N4614-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-13R

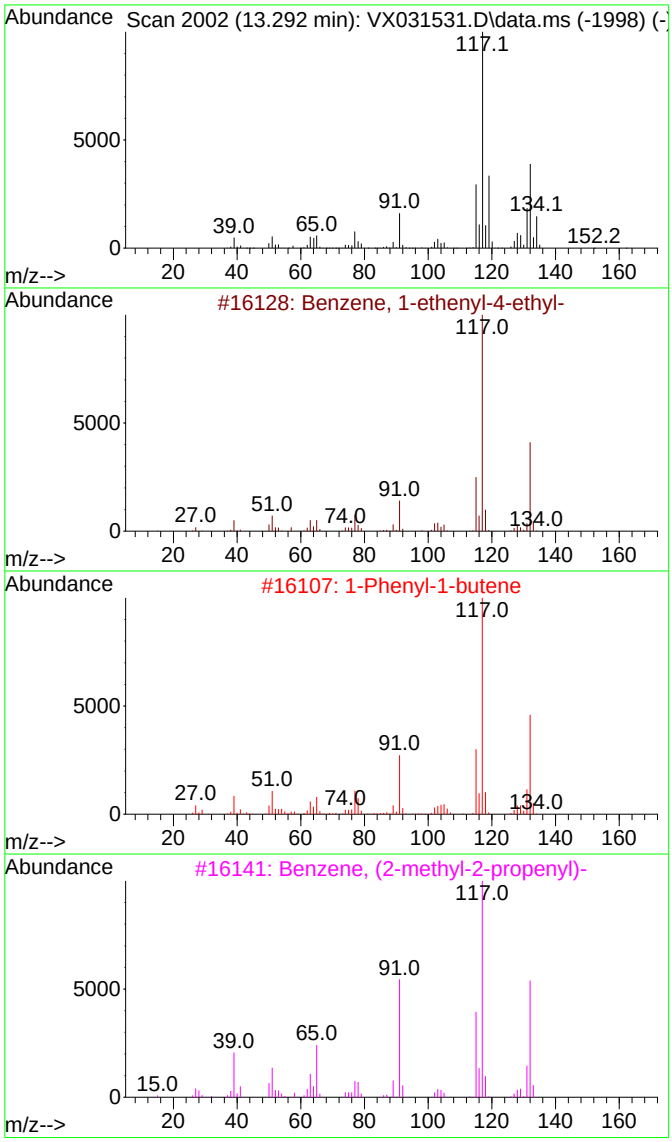
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260

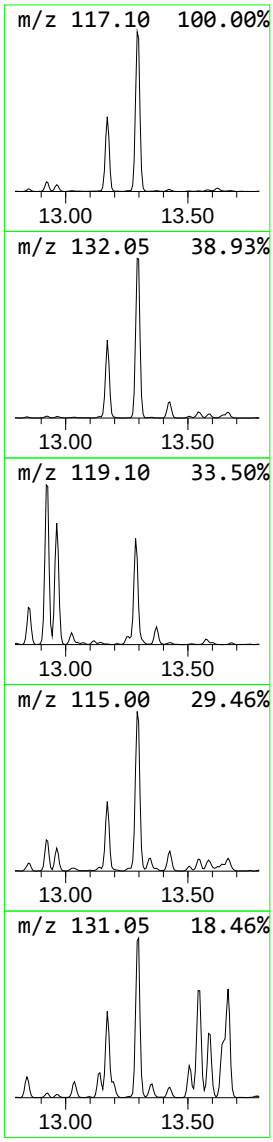
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.292 | 396.54 ug/l | 4387010 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethenyl-4-ethyl- | 132 | C10H12 | 003454-07-7 | 94 |
| 2 | 1-Phenyl-1-butene | 132 | C10H12 | 000824-90-8 | 87 |
| 3 | Benzene, (2-methyl-2-propenyl)- | 132 | C10H12 | 003290-53-7 | 87 |
| 4 | 1-Methyl-2-phenylcyclopropane | 132 | C10H12 | 003145-76-4 | 87 |
| 5 | 3-Phenylbut-1-ene | 132 | C10H12 | 000934-10-1 | 87 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
Data File : VX031531.D
Acq On : 21 Sep 2022 17:50
Operator : JC/MD
Sample : N4614-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-13R

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.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 |
| Butane, 2-methyl- | 1.746 | 286.1 | ug/l | 617382 | 1 | 5.556 | 107914 | 50.0 |
| Cyclobutane, me... | 2.867 | 155.5 | ug/l | 335614 | 1 | 5.556 | 107914 | 50.0 |
| Cyclopentane, m... | 4.306 | 438.0 | ug/l | 945251 | 1 | 5.556 | 107914 | 50.0 |
| Benzene, 1-ethy... | 11.616 | 291.0 | ug/l | 3219630 | 4 | 12.024 | 553164 | 50.0 |
| Benzene, 1,2,3-... | 12.091 | 148.4 | ug/l | 1641630 | 4 | 12.024 | 553164 | 50.0 |
| Benzene, cyclop... | 12.244 | 676.1 | ug/l | 7480050 | 4 | 12.024 | 553164 | 50.0 |
| Benzene, 1-ethy... | 12.616 | 301.9 | ug/l | 3339400 | 4 | 12.024 | 553164 | 50.0 |
| Benzene, (2-met... | 12.701 | 197.9 | ug/l | 2189070 | 4 | 12.024 | 553164 | 50.0 |
| Benzene, 1,2,3,... | 12.920 | 183.2 | ug/l | 2026580 | 4 | 12.024 | 553164 | 50.0 |
| Benzene, 1-ethe... | 13.292 | 396.5 | ug/l | 4387010 | 4 | 12.024 | 553164 | 50.0 |