LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040222\
Data File : VN071816.D
Acq On : 02 Apr 2022 22:35
Operator : JC\MD
Sample : N2242-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-4

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Title : SW846 8260

Signal : TIC: VN071816.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.234 | 34 | 42 | 44 | rBV | 385023 | 707945 | 5.81% | 0.554% |
| 2 | 2.440 | 72 | 77 | 90 | rVB2 | 205791 | 384811 | 3.16% | 0.301% |
| 3 | 3.128 | 185 | 194 | 220 | rVB | 1430134 | 3414145 | 28.04% | 2.672% |
| 4 | 3.510 | 247 | 259 | 275 | rBV | 607600 | 1561748 | 12.83% | 1.222% |
| 5 | 3.999 | 330 | 342 | 360 | rBV | 432254 | 1199227 | 9.85% | 0.938% |
| 6 | 4.257 | 372 | 386 | 405 | rVB | 265176 | 949175 | 7.79% | 0.743% |
| 7 | 5.087 | 512 | 527 | 529 | rVV3 | 490482 | 1468242 | 12.06% | 1.149% |
| 8 | 5.157 | 530 | 539 | 567 | rVV5 | 1308524 | 6718243 | 55.17% | 5.257% |
| 9 | 5.622 | 602 | 618 | 635 | rBV | 1071285 | 3704270 | 30.42% | 2.899% |
| 10 | 5.934 | 659 | 671 | 685 | rVB2 | 64994 | 210548 | 1.73% | 0.165% |
| 11 | 6.122 | 691 | 703 | 719 | rBV2 | 415812 | 1282995 | 10.54% | 1.004% |
| 12 | 6.469 | 745 | 762 | 774 | rBV | 578674 | 1746793 | 14.34% | 1.367% |
| 13 | 6.610 | 774 | 786 | 797 | rVV | 347844 | 1125106 | 9.24% | 0.880% |
| 14 | 6.904 | 825 | 836 | 851 | rBV | 559364 | 1728777 | 14.20% | 1.353% |
| 15 | 7.045 | 851 | 860 | 867 | rVV2 | 210033 | 637612 | 5.24% | 0.499% |
| 16 | 7.145 | 867 | 877 | 887 | rVV | 2502414 | 7480717 | 61.43% | 5.854% |
| 17 | 7.216 | 887 | 889 | 901 | rVV2 | 261845 | 578267 | 4.75% | 0.453% |
| 18 | 7.334 | 901 | 909 | 927 | rVB4 | 41123 | 150306 | 1.23% | 0.118% |
| 19 | 7.663 | 954 | 965 | 976 | rVB4 | 45329 | 158373 | 1.30% | 0.124% |
| 20 | 7.781 | 976 | 985 | 988 | rBV | 101621 | 245538 | 2.02% | 0.192% |
| 21 | 7.845 | 988 | 996 | 1005 | rVB | 565303 | 1424179 | 11.70% | 1.114% |
| 22 | 8.022 | 1015 | 1026 | 1029 | rBV | 442541 | 1087531 | 8.93% | 0.851% |
| 23 | 8.087 | 1029 | 1037 | 1045 | rVV3 | 1684913 | 4892914 | 40.18% | 3.829% |
| 24 | 8.175 | 1045 | 1052 | 1063 | rVB2 | 783379 | 2034864 | 16.71% | 1.592% |
| 25 | 8.292 | 1063 | 1072 | 1080 | rBV | 523019 | 1200233 | 9.86% | 0.939% |
| 26 | 8.457 | 1089 | 1100 | 1110 | rVV | 5049565 | 12177208 | 100.00% | 9.529% |
| 27 | 8.575 | 1111 | 1120 | 1122 | rVV5 | 639126 | 1561705 | 12.82% | 1.222% |
| 28 | 8.622 | 1123 | 1128 | 1137 | rVV3 | 921713 | 3009277 | 24.71% | 2.355% |
| 29 | 8.704 | 1137 | 1142 | 1152 | rVV | 338833 | 800241 | 6.57% | 0.626% |
| 30 | 8.810 | 1152 | 1160 | 1174 | rVB4 | 143268 | 492486 | 4.04% | 0.385% |
| 31 | 8.963 | 1176 | 1186 | 1199 | rBV3 | 1849349 | 4730380 | 38.85% | 3.702% |
| 32 | 9.057 | 1199 | 1202 | 1208 | rVV2 | 120884 | 233283 | 1.92% | 0.183% |
| 33 | 9.122 | 1208 | 1213 | 1219 | rVV | 214393 | 412572 | 3.39% | 0.323% |
| 34 | 9.198 | 1219 | 1226 | 1230 | rVV | 261219 | 536407 | 4.41% | 0.420% |
| 35 | 9.239 | 1230 | 1233 | 1242 | rVB | 191274 | 380921 | 3.13% | 0.298% |
| 36 | 9.457 | 1254 | 1270 | 1277 | rBV2 | 1095900 | 3359553 | 27.59% | 2.629% |

LSC Area Percent Report

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Operator : JC\MD
Sample : N2242-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-4

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Title : SW846 8260

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 9.510 | 1277 | 1279 | 1287 | rVB4 | 92736 | 150201 | 1.23% | 0.118% |
| 38 | 9.639 | 1295 | 1301 | 1308 | rVB | 311879 | 598082 | 4.91% | 0.468% |
| 39 | 9.728 | 1308 | 1316 | 1322 | rBV3 | 76981 | 178761 | 1.47% | 0.140% |
| 40 | 9.798 | 1322 | 1328 | 1331 | rBV2 | 121637 | 251227 | 2.06% | 0.197% |
| 41 | 9.881 | 1337 | 1342 | 1350 | rVB | 371883 | 731075 | 6.00% | 0.572% |
| 42 | 9.969 | 1350 | 1357 | 1361 | rBV | 726671 | 1396886 | 11.47% | 1.093% |
| 43 | 10.010 | 1361 | 1364 | 1372 | rVB2 | 437911 | 872332 | 7.16% | 0.683% |
| 44 | 10.216 | 1389 | 1399 | 1410 | rBV6 | 124202 | 506598 | 4.16% | 0.396% |
| 45 | 10.322 | 1410 | 1417 | 1421 | rVV | 362445 | 690916 | 5.67% | 0.541% |
| 46 | 10.439 | 1429 | 1437 | 1443 | rBV | 2115764 | 4018210 | 33.00% | 3.144% |
| 47 | 10.504 | 1443 | 1448 | 1452 | rVV | 339978 | 662956 | 5.44% | 0.519% |
| 48 | 10.551 | 1452 | 1456 | 1461 | rVV3 | 128782 | 268660 | 2.21% | 0.210% |
| 49 | 10.628 | 1461 | 1469 | 1475 | rVB3 | 152410 | 398689 | 3.27% | 0.312% |
| 50 | 10.781 | 1490 | 1495 | 1501 | rVV4 | 52199 | 125938 | 1.03% | 0.099% |
| 51 | 10.857 | 1501 | 1508 | 1518 | rVV3 | 269307 | 696624 | 5.72% | 0.545% |
| 52 | 11.122 | 1543 | 1553 | 1558 | rBV5 | 85378 | 204097 | 1.68% | 0.160% |
| 53 | 11.251 | 1571 | 1575 | 1579 | rVV3 | 94879 | 166999 | 1.37% | 0.131% |
| 54 | 11.739 | 1650 | 1658 | 1669 | rBV | 2027518 | 3716622 | 30.52% | 2.908% |
| 55 | 11.839 | 1669 | 1675 | 1685 | rVB | 305306 | 621898 | 5.11% | 0.487% |
| 56 | 11.951 | 1685 | 1694 | 1705 | rBV | 4204450 | 8440062 | 69.31% | 6.605% |
| 57 | 12.275 | 1739 | 1749 | 1757 | rBV | 443492 | 784494 | 6.44% | 0.614% |
| 58 | 12.575 | 1790 | 1800 | 1810 | rBV | 1002108 | 1628483 | 13.37% | 1.274% |
| 59 | 12.727 | 1818 | 1826 | 1836 | rBV | 1541767 | 2619821 | 21.51% | 2.050% |
| 60 | 12.916 | 1850 | 1858 | 1864 | rBV | 923883 | 1456602 | 11.96% | 1.140% |
| 61 | 12.980 | 1864 | 1869 | 1871 | rVV | 482659 | 781113 | 6.41% | 0.611% |
| 62 | 13.010 | 1871 | 1874 | 1878 | rVV | 887996 | 1398317 | 11.48% | 1.094% |
| 63 | 13.057 | 1878 | 1882 | 1892 | rVB | 1004797 | 1607566 | 13.20% | 1.258% |
| 64 | 13.216 | 1902 | 1909 | 1919 | rBV | 647712 | 1054611 | 8.66% | 0.825% |
| 65 | 13.363 | 1925 | 1934 | 1948 | rBV | 4177027 | 6629702 | 54.44% | 5.188% |
| 66 | 13.669 | 1979 | 1986 | 1990 | rBV | 1714659 | 3274097 | 26.89% | 2.562% |
| 67 | 13.833 | 2007 | 2014 | 2016 | rBV | 240970 | 367553 | 3.02% | 0.288% |
| 68 | 13.874 | 2016 | 2021 | 2037 | rVB2 | 1439277 | 3095318 | 25.42% | 2.422% |
| 69 | 14.063 | 2048 | 2053 | 2058 | rBV | 104704 | 167673 | 1.38% | 0.131% |
| 70 | 14.127 | 2058 | 2064 | 2066 | rBV | 228199 | 355113 | 2.92% | 0.278% |
| 71 | 14.216 | 2073 | 2079 | 2084 | rVB | 444614 | 706034 | 5.80% | 0.553% |
| 72 | 14.274 | 2084 | 2089 | 2093 | rVV | 110168 | 182069 | 1.50% | 0.142% |
| 73 | 14.327 | 2093 | 2098 | 2105 | rVB2 | 401025 | 655240 | 5.38% | 0.513% |
| 74 | 14.533 | 2126 | 2133 | 2136 | rBV | 203682 | 326580 | 2.68% | 0.256% |
| 75 | 14.574 | 2136 | 2140 | 2145 | rVB | 261269 | 389991 | 3.20% | 0.305% |
| 76 | 14.804 | 2174 | 2179 | 2185 | rBV | 252525 | 407662 | 3.35% | 0.319% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040222\
Data File : VN071816.D
Acq On : 02 Apr 2022 22:35
Operator : JC\MD
Sample : N2242-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-4

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Title : SW846 8260

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 14.927 | 2191 | 2200 | 2206 | rBV2 | 441622 | 872085 | 7.16% | 0.682% |
| 78 | 15.504 | 2290 | 2298 | 2308 | rBV | 281694 | 544685 | 4.47% | 0.426% |

Sum of corrected areas: 127788234

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040222\
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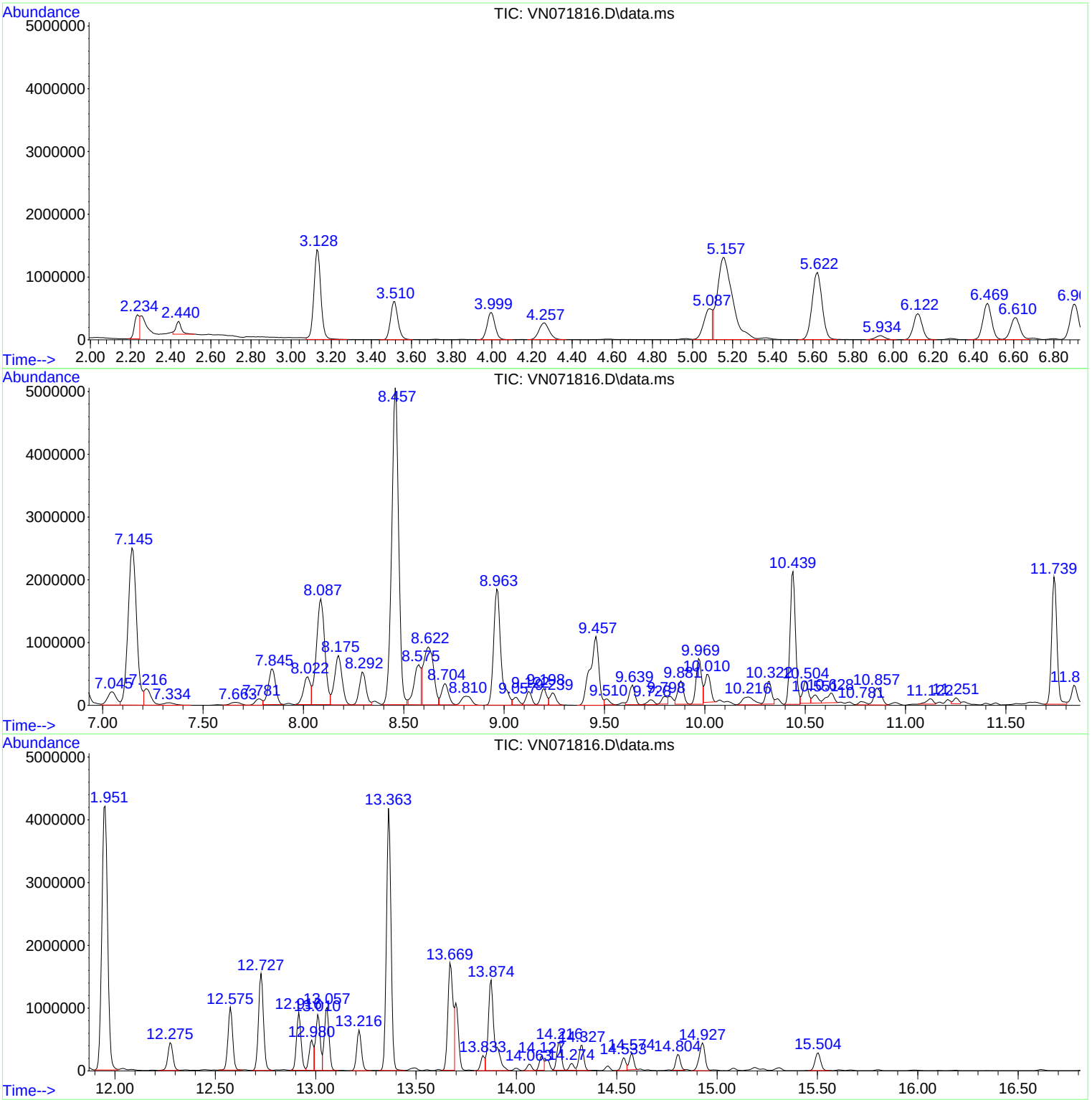
Acq On : 02 Apr 2022 22:35
Operator : JC\MD
Sample : N2242-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040222\
Data File : VN071816.D
Acq On : 02 Apr 2022 22:35
Operator : JC\MD
Sample : N2242-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-4

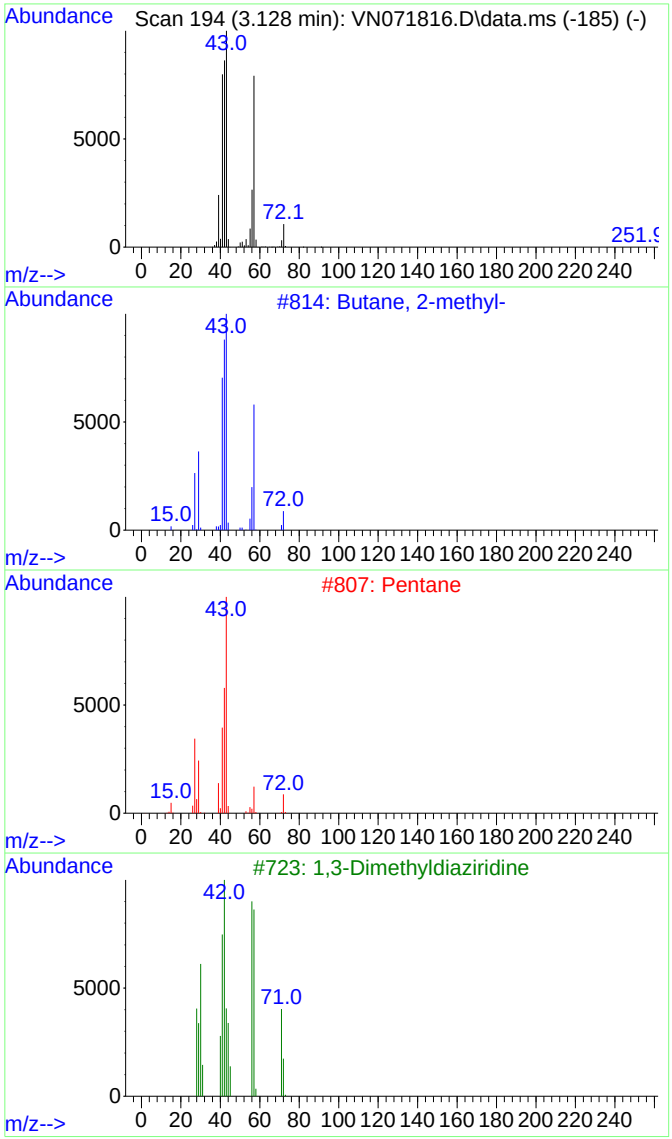
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260

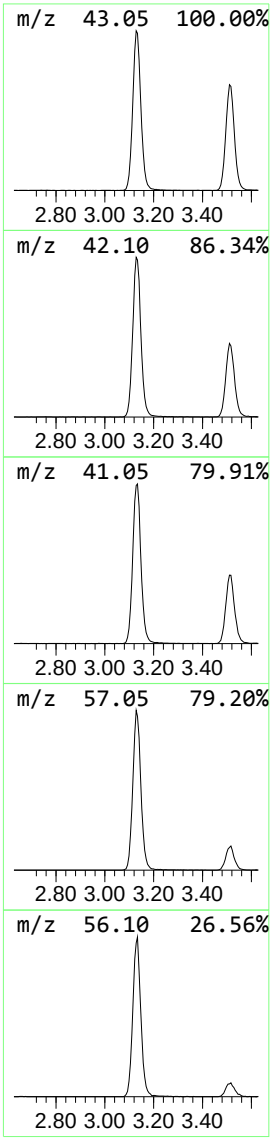
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Butane, 2-methyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.128 | 34.89 ug/l | 3414150 | Pentafluorobenzene | 8.081 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methyl- | 72 | C5H12 | 000078-78-4 | 87 |
| 2 | Pentane | 72 | C5H12 | 000109-66-0 | 42 |
| 3 | 1,3-Dimethyldiaziridine | 72 | C3H8N2 | 026177-36-6 | 36 |
| 4 | 3-Buten-1-ol | 72 | C4H8O | 000627-27-0 | 25 |
| 5 | Pentane, 2,2,4,4-tetramethyl- | 128 | C9H20 | 001070-87-7 | 12 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040222\
Data File : VN071816.D
Acq On : 02 Apr 2022 22:35
Operator : JC\MD
Sample : N2242-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-4

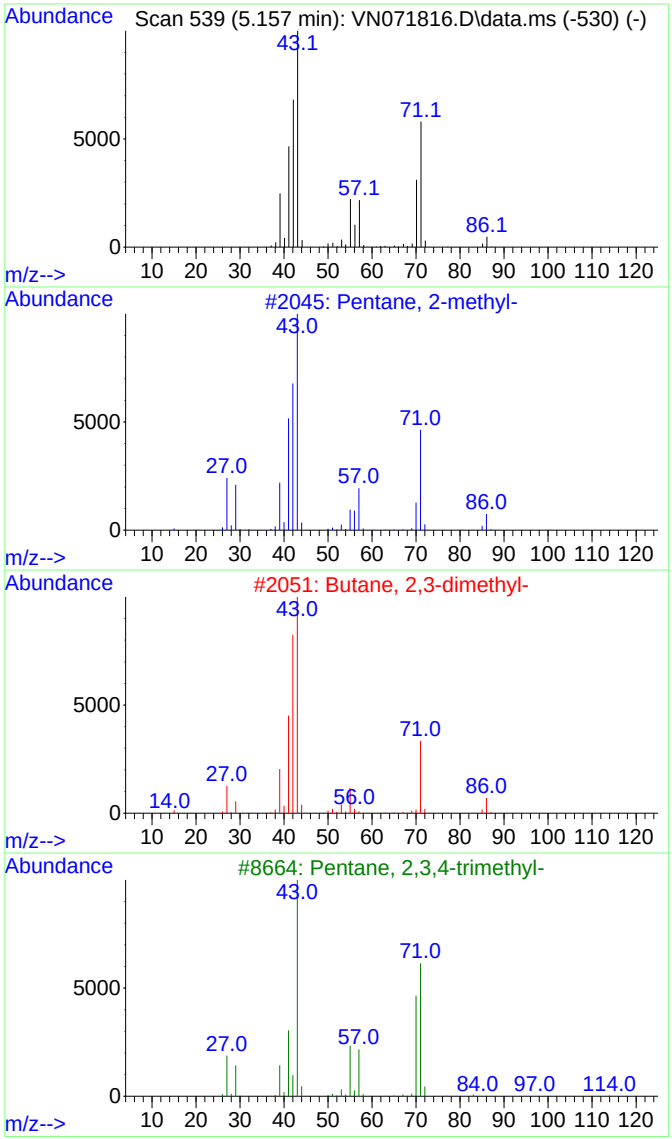
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260

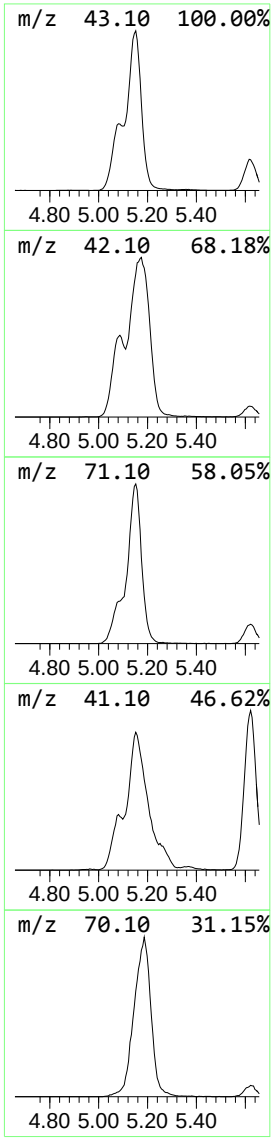
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Pentane, 2-methyl- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.157 | 68.65 ug/l | 6718240 | Pentafluorobenzene | 8.081 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentane, 2-methyl- | 86 | C6H14 | 000107-83-5 | 90 |
| 2 | Butane, 2,3-dimethyl- | 86 | C6H14 | 000079-29-8 | 52 |
| 3 | Pentane, 2,3,4-trimethyl- | 114 | C8H18 | 000565-75-3 | 50 |
| 4 | N-Vinylformamide | 71 | C3H5NO | 013162-05-5 | 47 |
| 5 | Ethanedioic acid, bis(3-methylbu... | 230 | C12H22O4 | 002051-00-5 | 40 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040222\
Data File : VN071816.D
Acq On : 02 Apr 2022 22:35
Operator : JC\MD
Sample : N2242-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-4

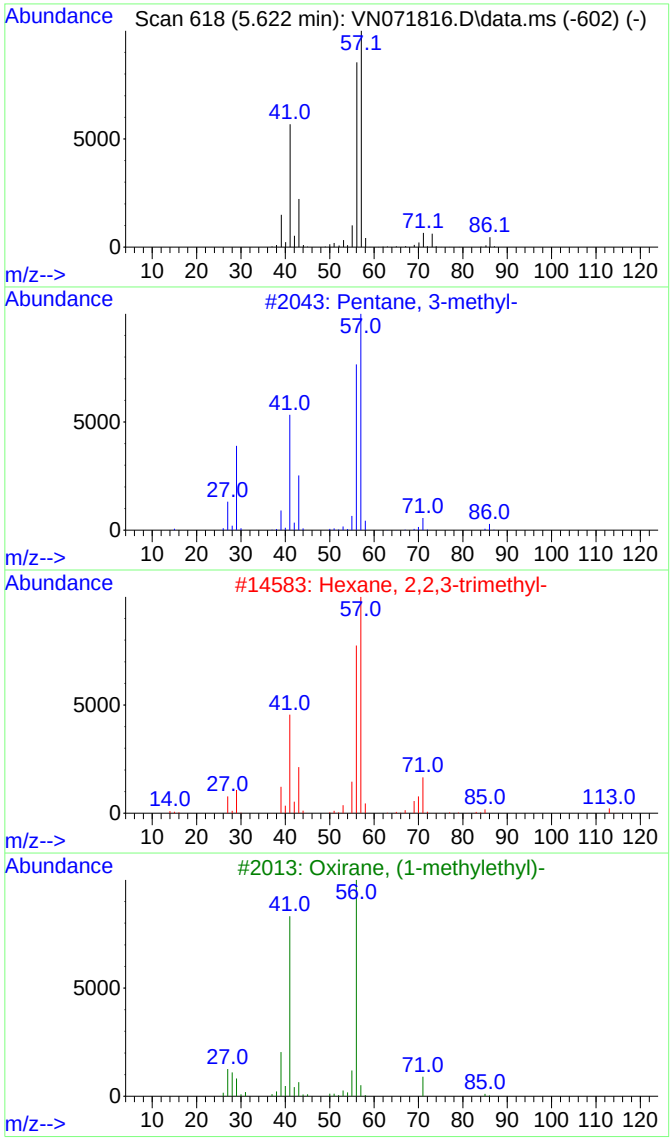
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260

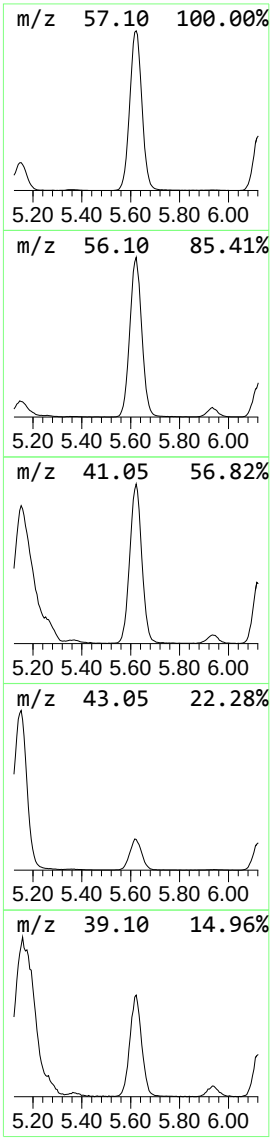
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Pentane, 3-methyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.622 | 37.85 ug/l | 3704270 | Pentafluorobenzene | 8.081 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentane, 3-methyl- | 86 | C6H14 | 000096-14-0 | 91 |
| 2 | Hexane, 2,2,3-trimethyl- | 128 | C9H20 | 016747-25-4 | 64 |
| 3 | Oxirane, (1-methylethyl)- | 86 | C5H10O | 001438-14-8 | 45 |
| 4 | Butane, 1-chloro- | 92 | C4H9Cl | 000109-69-3 | 42 |
| 5 | Pentane, 2,2,4,4-tetramethyl- | 128 | C9H20 | 001070-87-7 | 42 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040222\
Data File : VN071816.D
Acq On : 02 Apr 2022 22:35
Operator : JC\MD
Sample : N2242-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-4

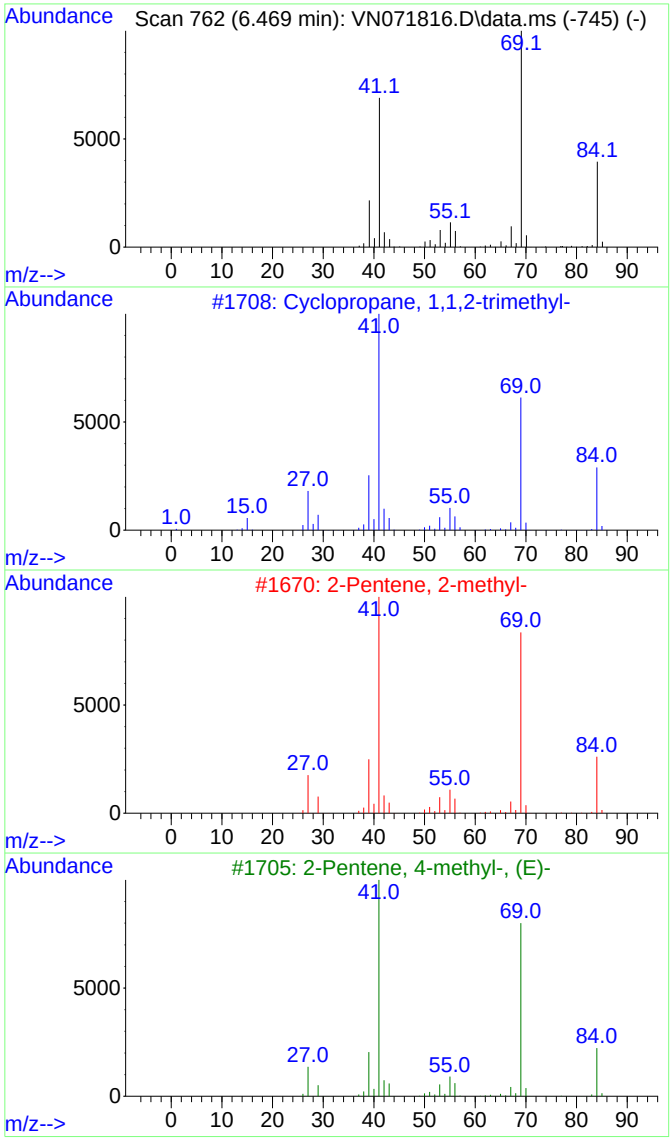
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260

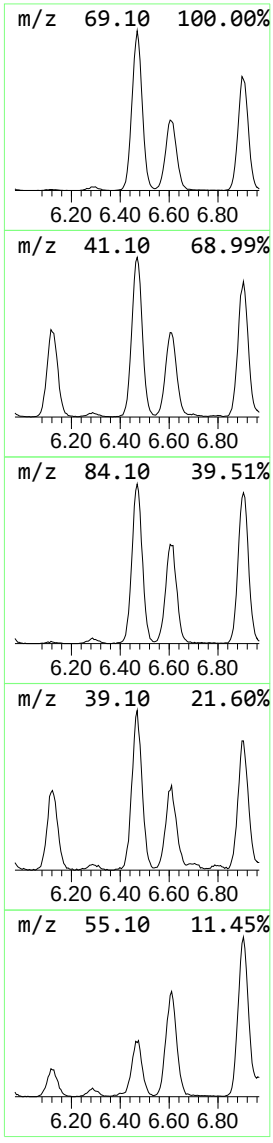
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 Cyclopropane, 1,1,2-trimethyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.469 | 17.85 ug/l | 1746790 | Pentafluorobenzene | 8.081 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopropane, 1,1,2-trimethyl- | 84 | C6H12 | 004127-45-1 | 91 |
| 2 | 2-Pentene, 2-methyl- | 84 | C6H12 | 000625-27-4 | 91 |
| 3 | 2-Pentene, 4-methyl-, (E)- | 84 | C6H12 | 000674-76-0 | 91 |
| 4 | 2-Pentene, 4-methyl- | 84 | C6H12 | 004461-48-7 | 91 |
| 5 | 1-Butene, 2,3-dimethyl- | 84 | C6H12 | 000563-78-0 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040222\
Data File : VN071816.D
Acq On : 02 Apr 2022 22:35
Operator : JC\MD
Sample : N2242-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-4

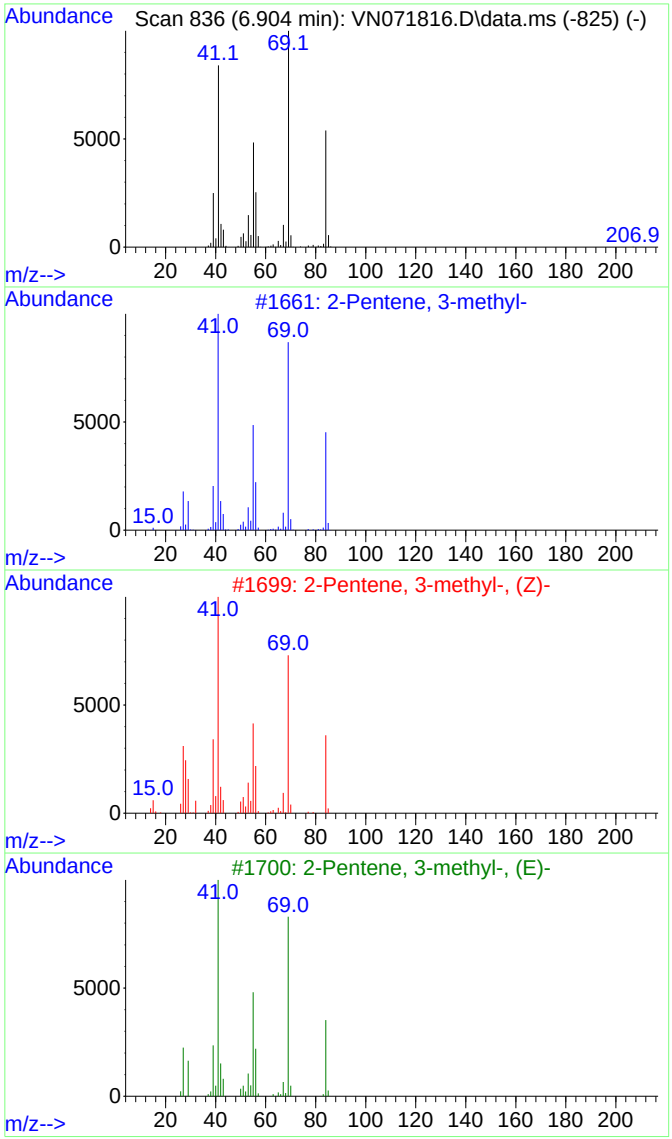
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260

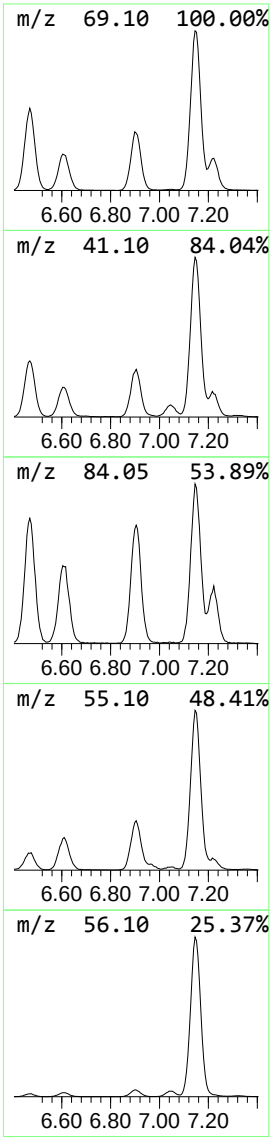
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 2-Pentene, 3-methyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.904 | 17.67 ug/l | 1728780 | Pentafluorobenzene | 8.081 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentene, 3-methyl- | 84 | C6H12 | 000922-61-2 | 95 |
| 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_N\Data\VN040222\
Data File : VN071816.D
Acq On : 02 Apr 2022 22:35
Operator : JC\MD
Sample : N2242-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-4

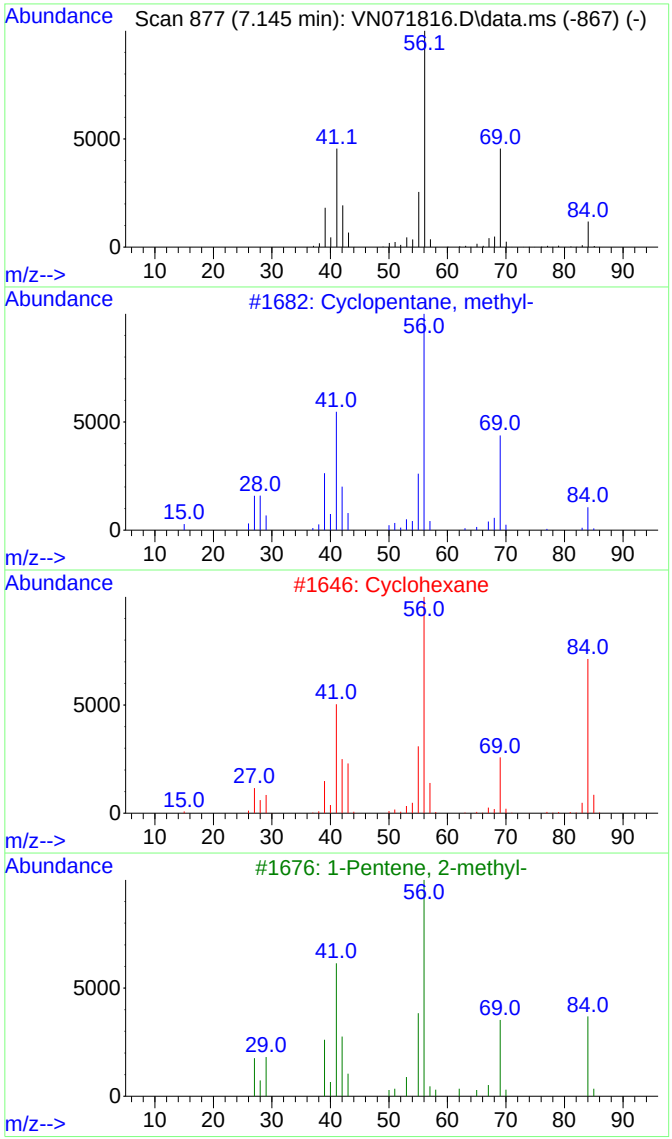
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260

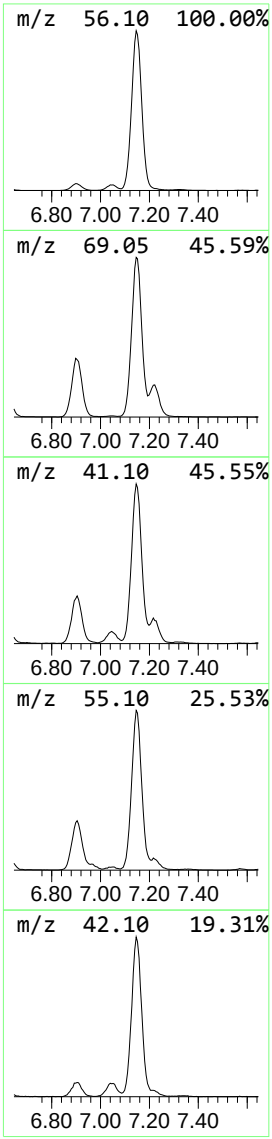
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Cyclopentane, methyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.145 | 76.44 ug/l | 7480720 | Pentafluorobenzene | 8.081 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentane, methyl- | 84 | C6H12 | 000096-37-7 | 94 |
| 2 | Cyclohexane | 84 | C6H12 | 000110-82-7 | 78 |
| 3 | 1-Pentene, 2-methyl- | 84 | C6H12 | 000763-29-1 | 72 |
| 4 | 1H-Tetrazole, 5-methyl- | 84 | C2H4N4 | 004076-36-2 | 72 |
| 5 | Cyclobutane, ethyl- | 84 | C6H12 | 004806-61-5 | 59 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040222\
Data File : VN071816.D
Acq On : 02 Apr 2022 22:35
Operator : JC\MD
Sample : N2242-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-4

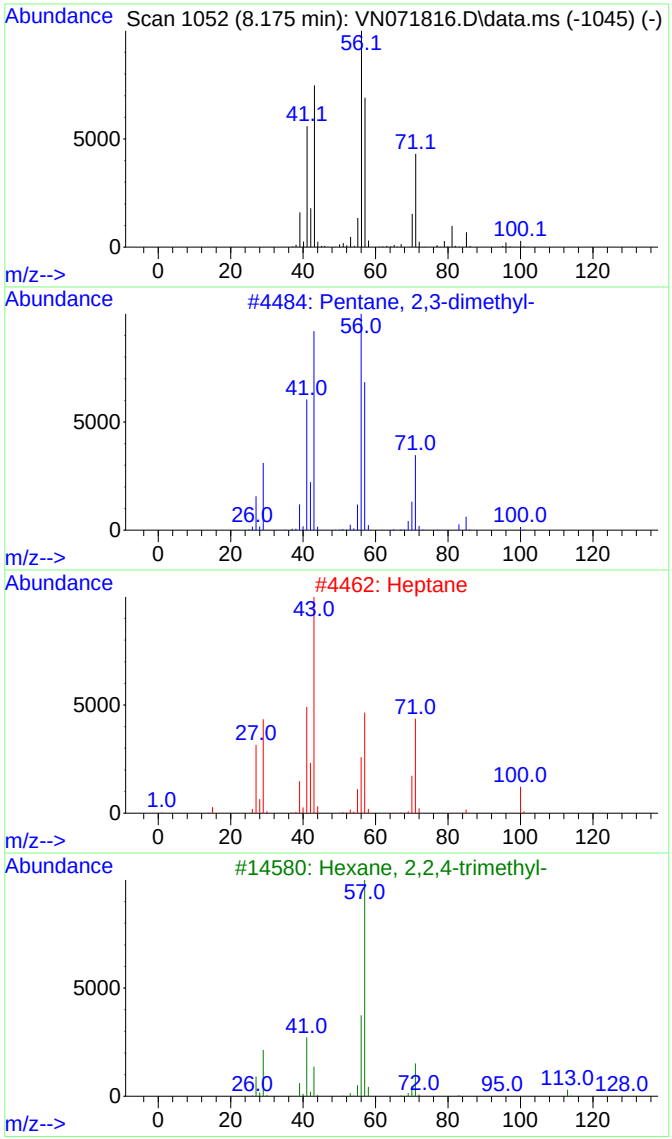
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260

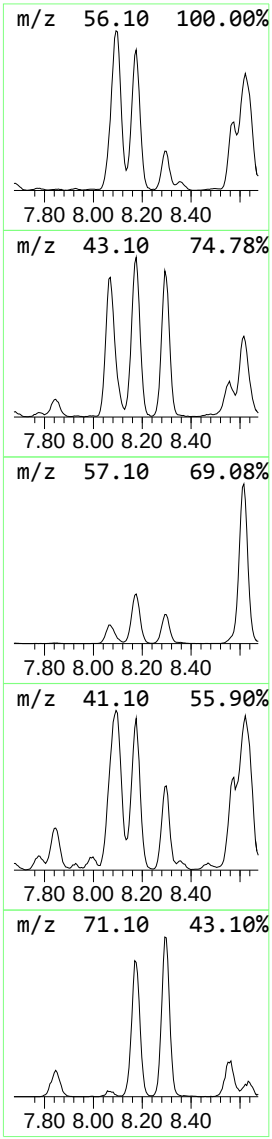
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Pentane, 2,3-dimethyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.175 | 20.79 ug/l | 2034860 | Pentafluorobenzene | 8.081 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentane, 2,3-dimethyl- | 100 | C7H16 | 000565-59-3 | 90 |
| 2 | Heptane | 100 | C7H16 | 000142-82-5 | 43 |
| 3 | Hexane, 2,2,4-trimethyl- | 128 | C9H20 | 016747-26-5 | 42 |
| 4 | Hexane, 3-methyl- | 100 | C7H16 | 000589-34-4 | 38 |
| 5 | 1-Hexene, 2-methyl- | 98 | C7H14 | 006094-02-6 | 38 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040222\
Data File : VN071816.D
Acq On : 02 Apr 2022 22:35
Operator : JC\MD
Sample : N2242-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-4

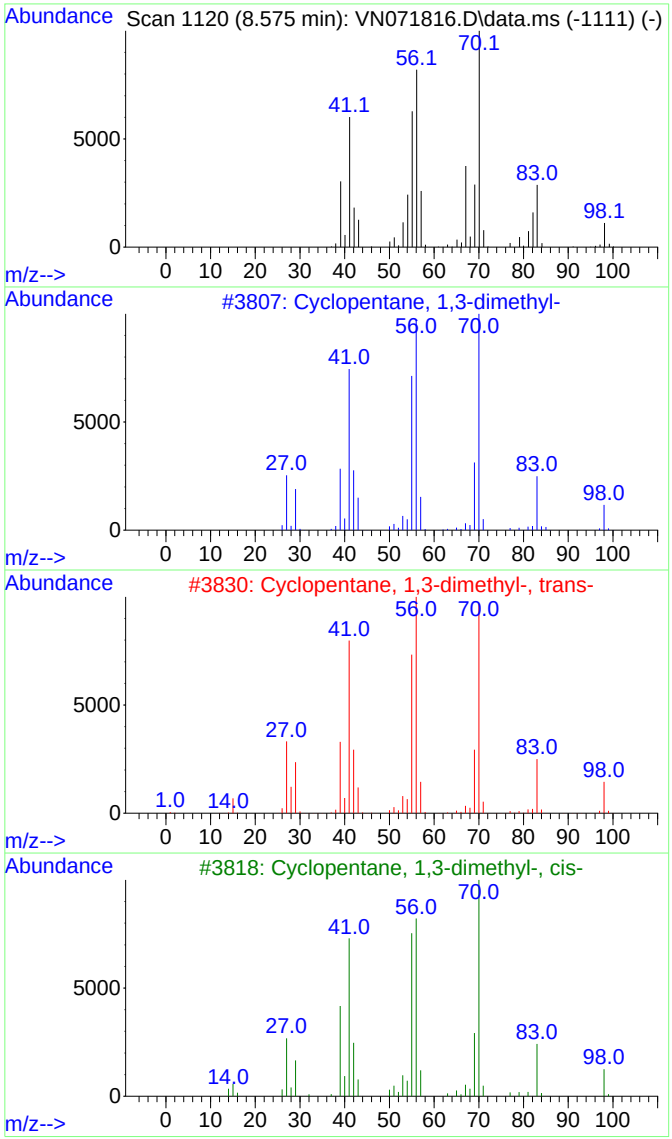
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260

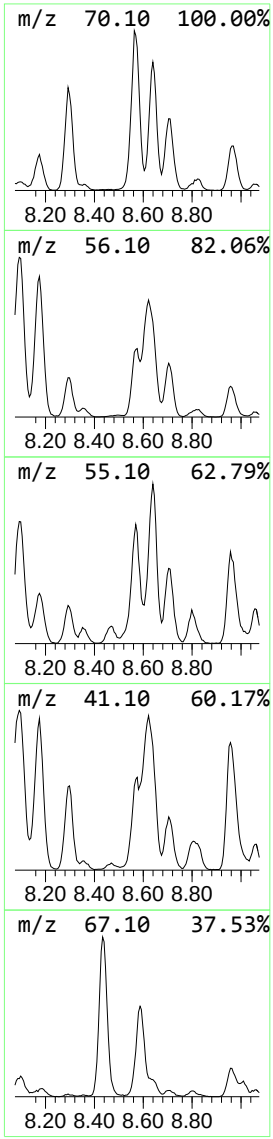
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Cyclopentane, 1,3-dimethyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.575 | 16.51 ug/l | 1561710 | 1,4-Difluorobenzene | 8.969 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentane, 1,3-dimethyl- | 98 | C7H14 | 002453-00-1 | 87 |
| 2 | Cyclopentane, 1,3-dimethyl-, trans- | 98 | C7H14 | 001759-58-6 | 81 |
| 3 | Cyclopentane, 1,3-dimethyl-, cis- | 98 | C7H14 | 002532-58-3 | 81 |
| 4 | Cyclopentane, 1,2-dimethyl-, cis- | 98 | C7H14 | 001192-18-3 | 76 |
| 5 | (Z)-2-Heptene | 98 | C7H14 | 006443-92-1 | 43 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040222\
Data File : VN071816.D
Acq On : 02 Apr 2022 22:35
Operator : JC\MD
Sample : N2242-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-4

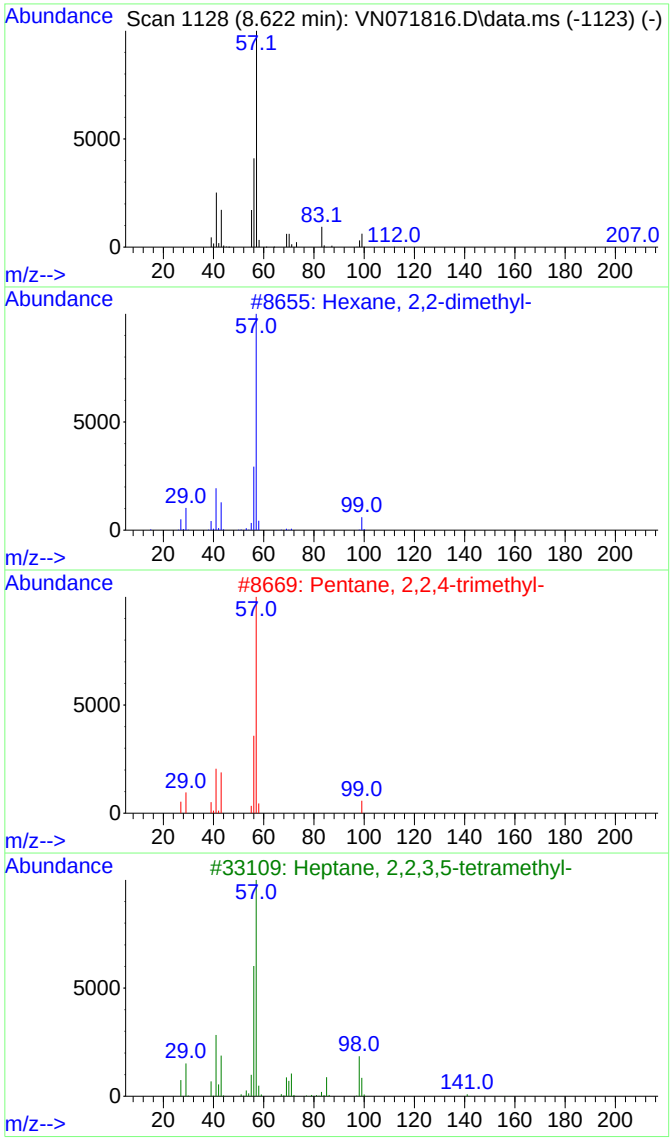
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260

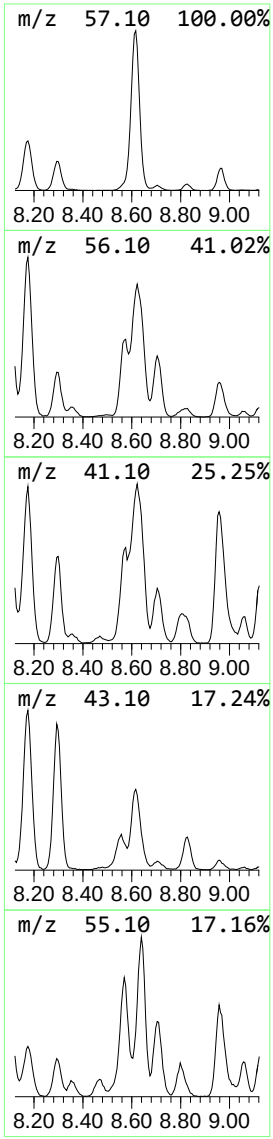
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 unknown8.622 Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.622 | 31.81 ug/l | 3009280 | 1,4-Difluorobenzene | 8.969 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexane, 2,2-dimethyl- | 114 | C8H18 | 000590-73-8 | 40 |
| 2 | Pentane, 2,2,4-trimethyl- | 114 | C8H18 | 000540-84-1 | 40 |
| 3 | Heptane, 2,2,3,5-tetramethyl- | 156 | C11H24 | 061868-42-6 | 39 |
| 4 | Hexane, 2,2,4-trimethyl- | 128 | C9H20 | 016747-26-5 | 36 |
| 5 | Hexane, 2,2,5-trimethyl- | 128 | C9H20 | 003522-94-9 | 33 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040222\
Data File : VN071816.D
Acq On : 02 Apr 2022 22:35
Operator : JC\MD
Sample : N2242-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-4

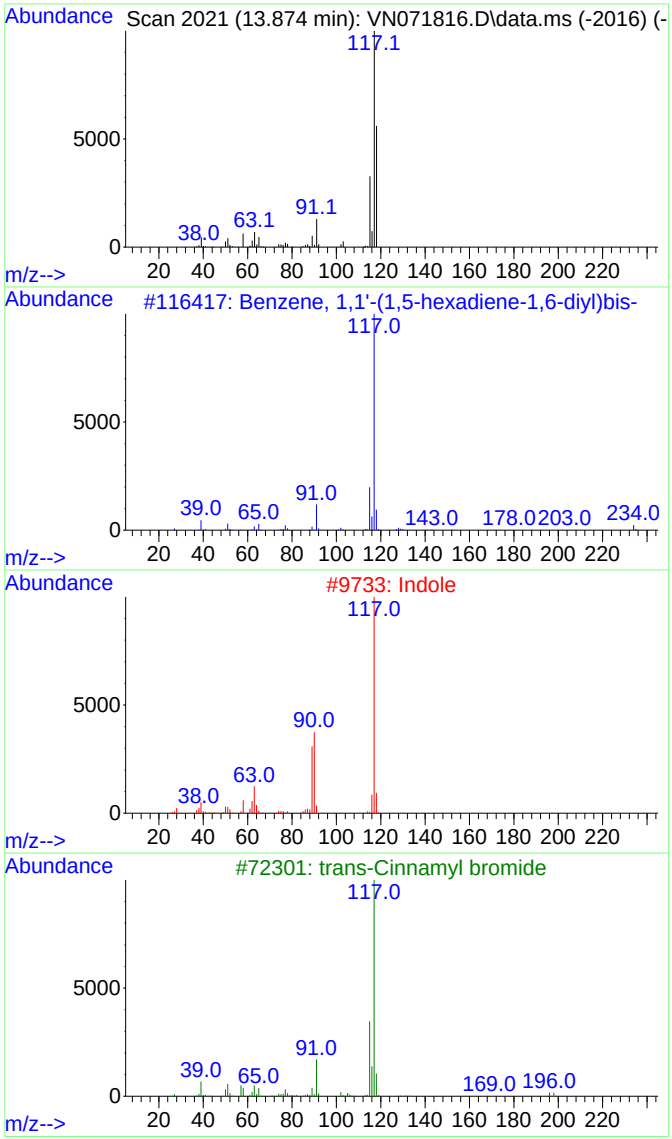
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260

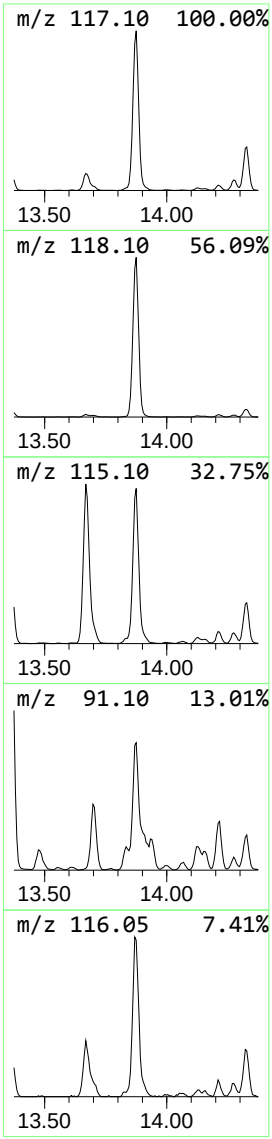
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Benzene, 1,1'-(1,5-hexadien... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.874 | 47.27 ug/l | 3095320 | 1,4-Dichlorobenzene-d4 | 13.669 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,1'-(1,5-hexadiene-1,6... | 234 | C18H18 | 004439-45-6 | 53 |
| 2 | Indole | 117 | C8H7N | 000120-72-9 | 43 |
| 3 | trans-Cinnamyl bromide | 196 | C9H9Br | 026146-77-0 | 38 |
| 4 | Benzaldehyde, 4-(1-phenyl-2-prop... | 238 | C16H14O2 | 1000277-56-1 | 36 |
| 5 | Benzene, (2-bromocyclopropyl)- | 196 | C9H9Br | 036617-02-4 | 35 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040222\
Data File : VN071816.D
Acq On : 02 Apr 2022 22:35
Operator : JC\MD
Sample : N2242-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.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- | 3.128 | 34.9 | ug/l | 3414150 | 1 | 8.081 | 4892910 | 50.0 |
| Pentane, 2-methyl- | 5.157 | 68.7 | ug/l | 6718240 | 1 | 8.081 | 4892910 | 50.0 |
| Pentane, 3-methyl- | 5.622 | 37.9 | ug/l | 3704270 | 1 | 8.081 | 4892910 | 50.0 |
| Cyclopropane, 1... | 6.469 | 17.9 | ug/l | 1746790 | 1 | 8.081 | 4892910 | 50.0 |
| 2-Pentene, 3-me... | 6.904 | 17.7 | ug/l | 1728780 | 1 | 8.081 | 4892910 | 50.0 |
| Cyclopentane, m... | 7.145 | 76.4 | ug/l | 7480720 | 1 | 8.081 | 4892910 | 50.0 |
| Pentane, 2,3-di... | 8.175 | 20.8 | ug/l | 2034860 | 1 | 8.081 | 4892910 | 50.0 |
| Cyclopentane, 1... | 8.575 | 16.5 | ug/l | 1561710 | 2 | 8.969 | 4730380 | 50.0 |
| unknown8.622 | 8.622 | 31.8 | ug/l | 3009280 | 2 | 8.969 | 4730380 | 50.0 |
| Benzene, 1,1'-(... | 13.874 | 47.3 | ug/l | 3095320 | 4 | 13.669 | 3274100 | 50.0 |