LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052422\
Data File : VN072609.D
Acq On : 25 May 2022 00:32
Operator : JC\MD
Sample : N2968-10
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-38

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\82N052422W.M
Title : SW846 8260

Signal : TIC: VN072609.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.434 | 65 | 76 | 86 | rBV | 226561 | 383440 | 3.01% | 0.413% |
| 2 | 3.116 | 182 | 192 | 213 | rVB | 259218 | 615143 | 4.83% | 0.662% |
| 3 | 3.510 | 249 | 259 | 274 | rVB4 | 105242 | 344213 | 2.70% | 0.371% |
| 4 | 3.710 | 282 | 293 | 307 | rBV | 129789 | 321302 | 2.52% | 0.346% |
| 5 | 3.887 | 310 | 323 | 331 | rVV | 74454 | 199614 | 1.57% | 0.215% |
| 6 | 3.987 | 331 | 340 | 356 | rVB2 | 158716 | 435320 | 3.41% | 0.469% |
| 7 | 4.957 | 490 | 505 | 516 | rBV2 | 92274 | 324467 | 2.55% | 0.349% |
| 8 | 5.181 | 530 | 543 | 554 | rVV3 | 136529 | 528740 | 4.15% | 0.569% |
| 9 | 5.351 | 563 | 572 | 594 | rVB2 | 115159 | 406515 | 3.19% | 0.438% |
| 10 | 5.610 | 602 | 616 | 635 | rBV4 | 101554 | 366126 | 2.87% | 0.394% |
| 11 | 6.463 | 755 | 761 | 774 | rVV3 | 75663 | 248390 | 1.95% | 0.267% |
| 12 | 6.598 | 774 | 784 | 792 | rVV2 | 46554 | 143706 | 1.13% | 0.155% |
| 13 | 6.692 | 792 | 800 | 811 | rVV3 | 52351 | 216080 | 1.69% | 0.233% |
| 14 | 6.904 | 826 | 836 | 848 | rVB3 | 48526 | 143975 | 1.13% | 0.155% |
| 15 | 7.145 | 864 | 877 | 886 | rBV | 274604 | 818409 | 6.42% | 0.881% |
| 16 | 8.016 | 1015 | 1025 | 1030 | rBV | 97793 | 239017 | 1.87% | 0.257% |
| 17 | 8.086 | 1030 | 1037 | 1046 | rVV2 | 352033 | 931683 | 7.31% | 1.003% |
| 18 | 8.457 | 1088 | 1100 | 1110 | rBV | 4938087 | 11203107 | 87.88% | 12.061% |
| 19 | 8.580 | 1116 | 1121 | 1129 | rVB2 | 83258 | 177739 | 1.39% | 0.191% |
| 20 | 8.963 | 1175 | 1186 | 1199 | rBV | 334589 | 761618 | 5.97% | 0.820% |
| 21 | 9.457 | 1257 | 1270 | 1277 | rBV3 | 141638 | 391570 | 3.07% | 0.422% |
| 22 | 9.969 | 1350 | 1357 | 1361 | rBV | 123700 | 237527 | 1.86% | 0.256% |
| 23 | 10.439 | 1428 | 1437 | 1442 | rBV | 472141 | 887334 | 6.96% | 0.955% |
| 24 | 10.498 | 1442 | 1447 | 1454 | rVV | 441511 | 764475 | 6.00% | 0.823% |
| 25 | 10.633 | 1461 | 1470 | 1477 | rVV | 77879 | 147464 | 1.16% | 0.159% |
| 26 | 11.739 | 1651 | 1658 | 1667 | rBV | 542068 | 951849 | 7.47% | 1.025% |
| 27 | 11.839 | 1667 | 1675 | 1685 | rVV | 7413533 | 12019803 | 94.28% | 12.940% |
| 28 | 11.951 | 1685 | 1694 | 1705 | rVB | 7053450 | 12748773 | 100.00% | 13.725% |
| 29 | 12.274 | 1741 | 1749 | 1761 | rBV | 4076470 | 6528191 | 51.21% | 7.028% |
| 30 | 12.574 | 1793 | 1800 | 1809 | rVB | 584993 | 957198 | 7.51% | 1.030% |
| 31 | 12.727 | 1819 | 1826 | 1835 | rBV | 607843 | 1021157 | 8.01% | 1.099% |
| 32 | 12.915 | 1848 | 1858 | 1863 | rBV | 1413829 | 2232373 | 17.51% | 2.403% |
| 33 | 12.980 | 1863 | 1869 | 1871 | rVV | 1484603 | 2476789 | 19.43% | 2.666% |
| 34 | 13.010 | 1871 | 1874 | 1878 | rVV | 1564237 | 2426064 | 19.03% | 2.612% |
| 35 | 13.051 | 1878 | 1881 | 1889 | rVB | 1129241 | 1748776 | 13.72% | 1.883% |
| 36 | 13.215 | 1901 | 1909 | 1916 | rBV | 1466061 | 2424582 | 19.02% | 2.610% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052422\
Data File : VN072609.D
Acq On : 25 May 2022 00:32
Operator : JC\MD
Sample : N2968-10
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-38

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\82N052422W.M
Title : SW846 8260

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 13.363 | 1926 | 1934 | 1948 | rVB | 6381704 | 9883242 | 77.52% | 10.640% |
| 38 | 13.698 | 1980 | 1991 | 2001 | rBV2 | 1602886 | 3443200 | 27.01% | 3.707% |
| 39 | 13.833 | 2006 | 2014 | 2015 | rVV2 | 194137 | 306774 | 2.41% | 0.330% |
| 40 | 13.868 | 2015 | 2020 | 2037 | rVB | 1750083 | 3496760 | 27.43% | 3.764% |
| 41 | 14.057 | 2046 | 2052 | 2058 | rVB2 | 179310 | 336364 | 2.64% | 0.362% |
| 42 | 14.121 | 2058 | 2063 | 2066 | rBV | 217687 | 355064 | 2.79% | 0.382% |
| 43 | 14.151 | 2066 | 2068 | 2073 | rVV | 171188 | 249176 | 1.95% | 0.268% |
| 44 | 14.210 | 2073 | 2078 | 2084 | rVV | 453508 | 711198 | 5.58% | 0.766% |
| 45 | 14.274 | 2084 | 2089 | 2092 | rVV | 113319 | 195342 | 1.53% | 0.210% |
| 46 | 14.321 | 2092 | 2097 | 2104 | rVB2 | 381628 | 648649 | 5.09% | 0.698% |
| 47 | 14.451 | 2114 | 2119 | 2125 | rVB2 | 115311 | 182410 | 1.43% | 0.196% |
| 48 | 14.533 | 2125 | 2133 | 2136 | rBV | 269376 | 430048 | 3.37% | 0.463% |
| 49 | 14.574 | 2136 | 2140 | 2145 | rVB | 303197 | 450072 | 3.53% | 0.485% |
| 50 | 14.804 | 2174 | 2179 | 2184 | rBV | 293727 | 459149 | 3.60% | 0.494% |
| 51 | 14.927 | 2191 | 2200 | 2206 | rBV3 | 564055 | 1250651 | 9.81% | 1.346% |
| 52 | 15.080 | 2218 | 2226 | 2233 | rVV | 171992 | 308343 | 2.42% | 0.332% |
| 53 | 15.186 | 2233 | 2244 | 2248 | rVV4 | 96894 | 249377 | 1.96% | 0.268% |
| 54 | 15.304 | 2257 | 2264 | 2271 | rVB3 | 90635 | 224758 | 1.76% | 0.242% |
| 55 | 15.498 | 2290 | 2297 | 2305 | rBV | 1129045 | 2052918 | 16.10% | 2.210% |
| 56 | 16.609 | 2478 | 2486 | 2500 | rVB | 389954 | 883166 | 6.93% | 0.951% |

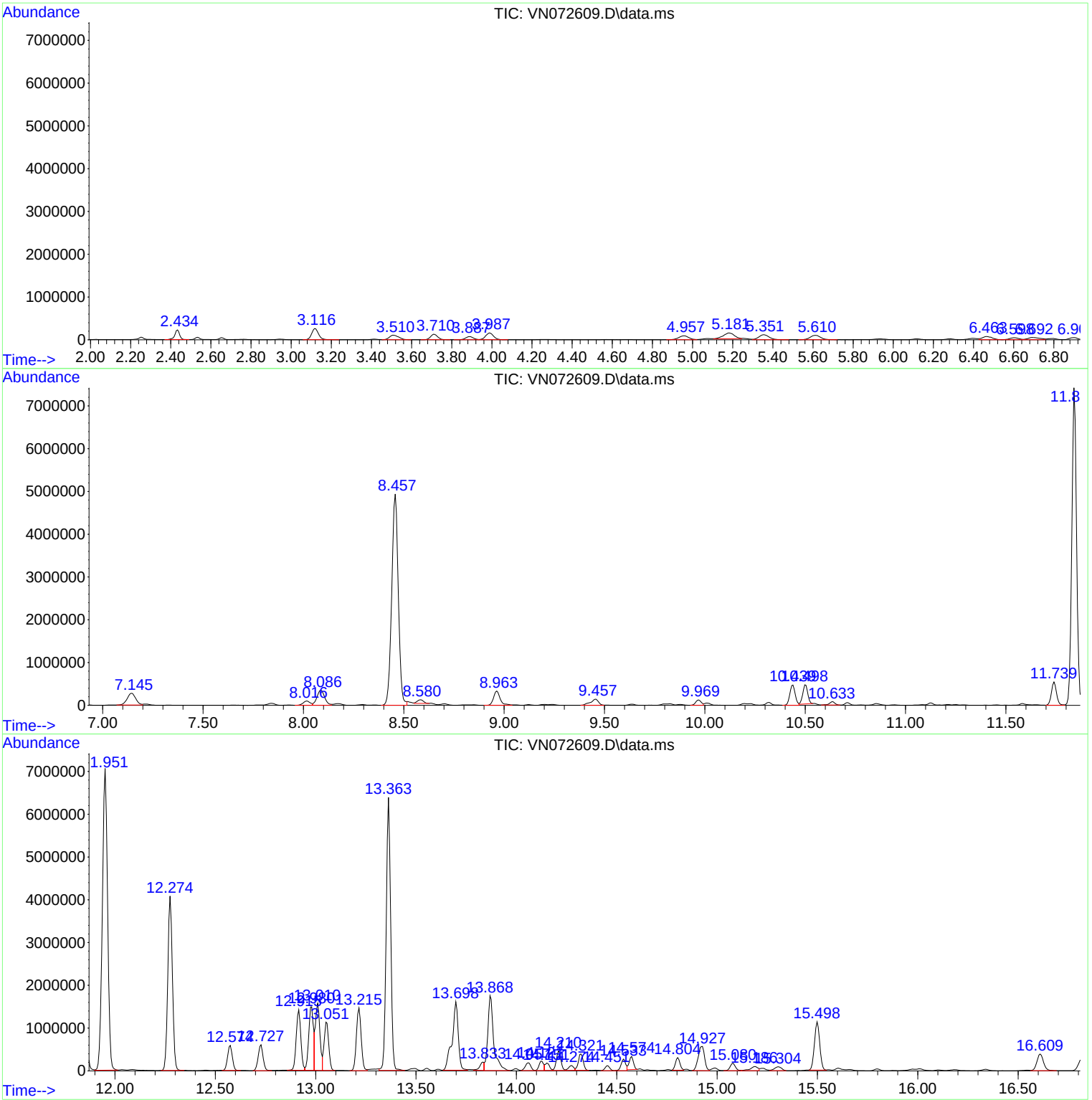
Sum of corrected areas: 92889190

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052422\
Data File : VN072609.D
Acq On : 25 May 2022 00:32
Operator : JC\MD
Sample : N2968-10
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-38

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052422W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052422\
Data File : VN072609.D
Acq On : 25 May 2022 00:32
Operator : JC\MD
Sample : N2968-10
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-38

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052422W.M
Quant Title : SW846 8260

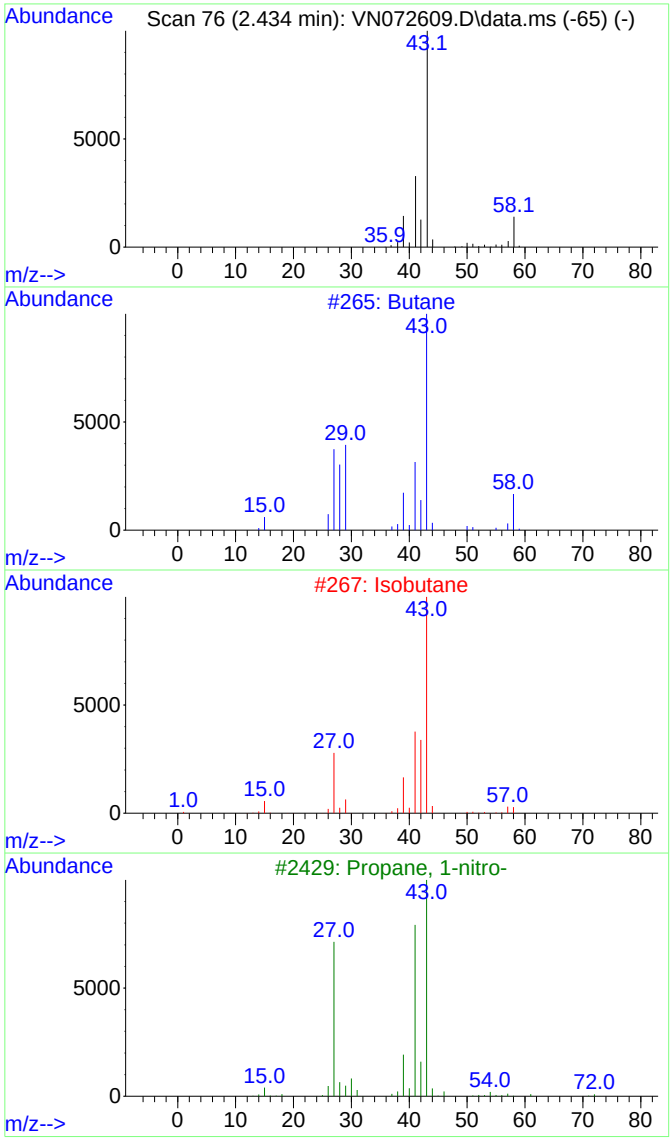
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

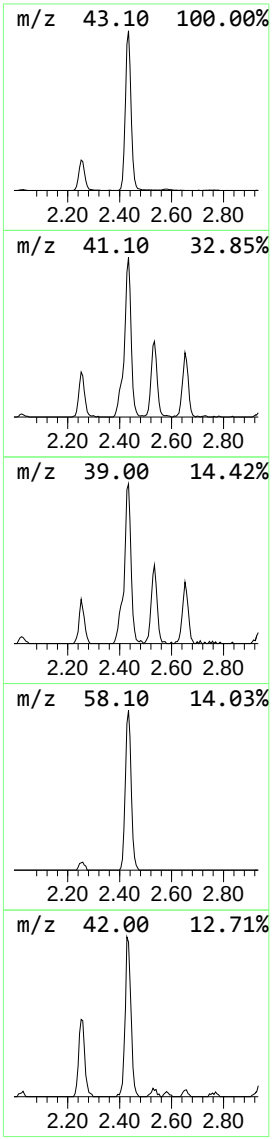
**********

Peak Number 1 Butane Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.434 | 20.58 ug/l | 383440 | Pentafluorobenzene | 8.081 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane | 58 | C4H10 | 000106-97-8 | 80 |
| 2 | Isobutane | 58 | C4H10 | 000075-28-5 | 9 |
| 3 | Propane, 1-nitro- | 89 | C3H7NO2 | 000108-03-2 | 9 |
| 4 | Isopropylsulfonyl chloride | 142 | C3H7ClO2S | 010147-37-2 | 9 |
| 5 | Acetone | 58 | C3H6O | 000067-64-1 | 4 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052422\
Data File : VN072609.D
Acq On : 25 May 2022 00:32
Operator : JC\MD
Sample : N2968-10
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-38

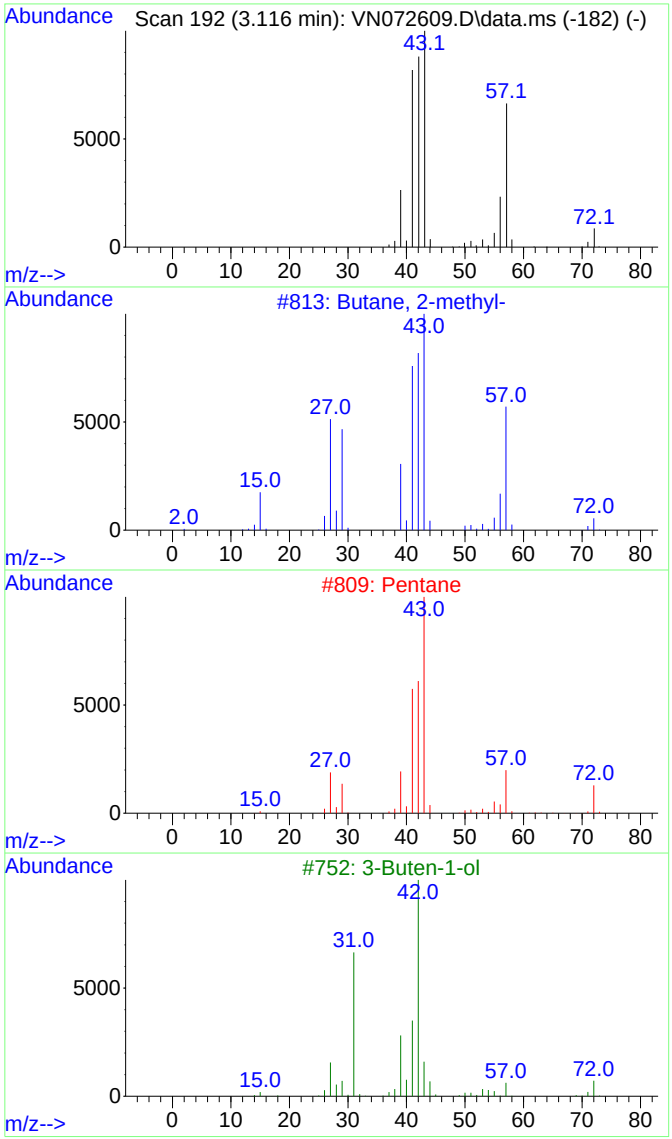
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052422W.M
Quant Title : SW846 8260

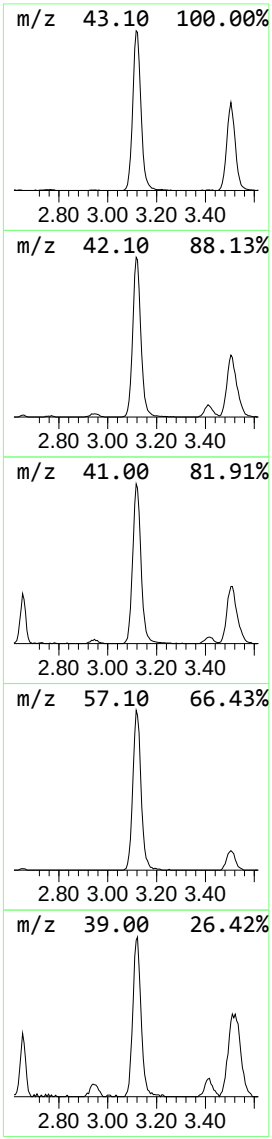
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.116 | 33.01 ug/l | 615143 | Pentafluorobenzene | 8.081 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methyl- | 72 | C5H12 | 000078-78-4 | 90 |
| 2 | Pentane | 72 | C5H12 | 000109-66-0 | 50 |
| 3 | 3-Buten-1-ol | 72 | C4H8O | 000627-27-0 | 28 |
| 4 | 1-Butene | 56 | C4H8 | 000106-98-9 | 10 |
| 5 | Butane, 2-nitro- | 103 | C4H9NO2 | 000600-24-8 | 10 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052422\
Data File : VN072609.D
Acq On : 25 May 2022 00:32
Operator : JC\MD
Sample : N2968-10
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-38

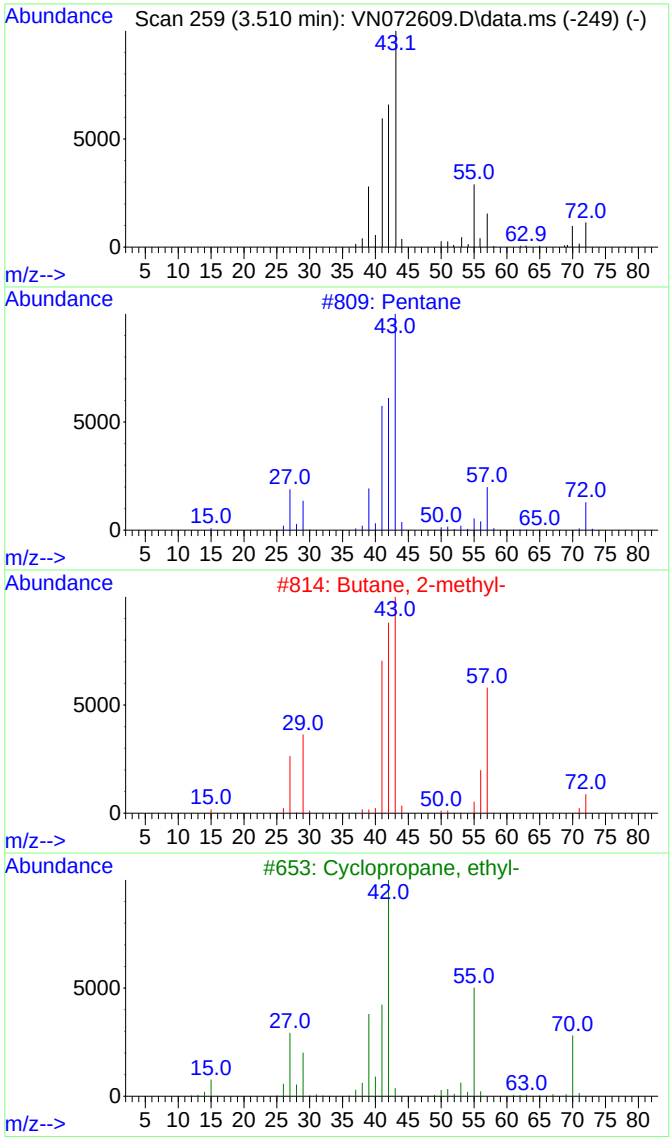
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052422W.M
Quant Title : SW846 8260

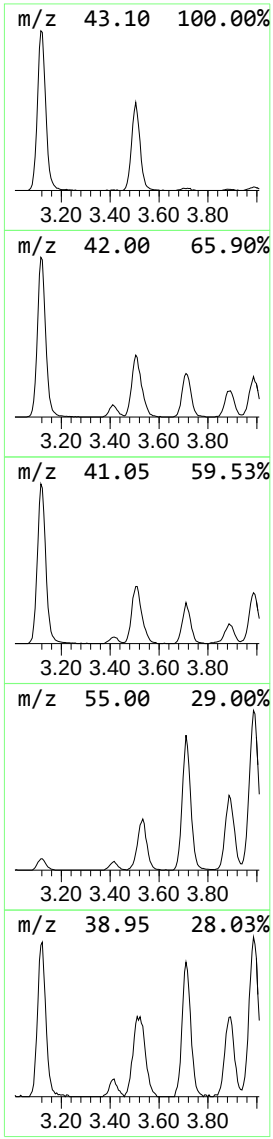
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Pentane Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.510 | 18.47 ug/l | 344213 | Pentafluorobenzene | 8.081 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentane | 72 | C5H12 | 000109-66-0 | 86 |
| 2 | Butane, 2-methyl- | 72 | C5H12 | 000078-78-4 | 45 |
| 3 | Cyclopropane, ethyl- | 70 | C5H10 | 001191-96-4 | 43 |
| 4 | Oxirane, ethyl- | 72 | C4H8O | 000106-88-7 | 37 |
| 5 | 1-Pentene | 70 | C5H10 | 000109-67-1 | 32 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052422\
Data File : VN072609.D
Acq On : 25 May 2022 00:32
Operator : JC\MD
Sample : N2968-10
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-38

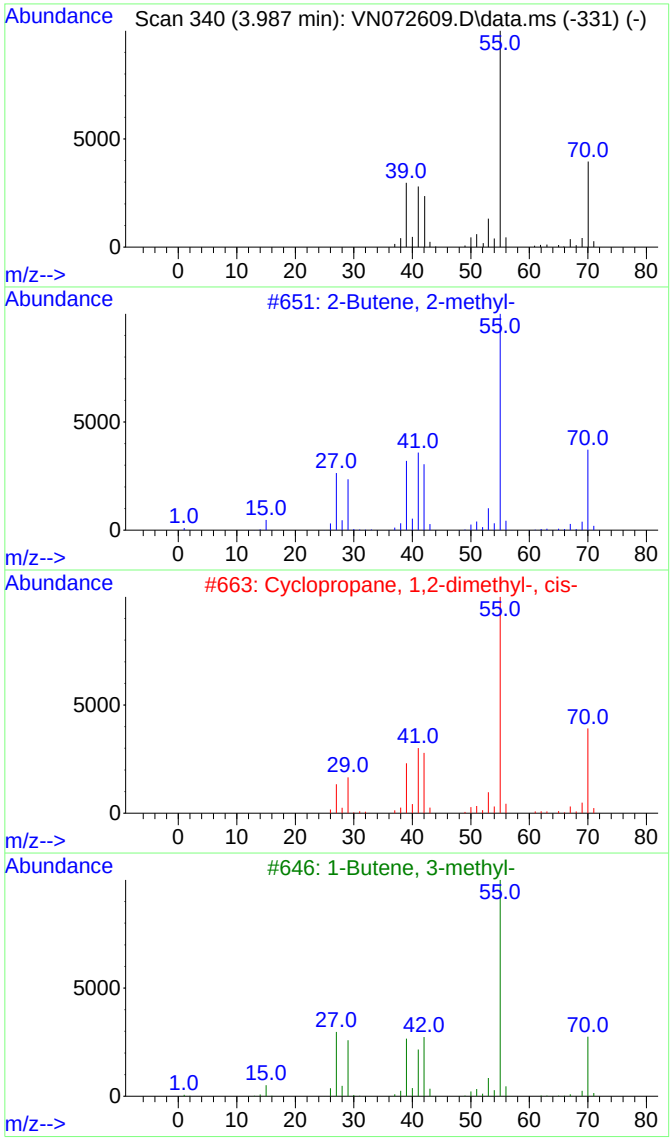
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052422W.M
Quant Title : SW846 8260

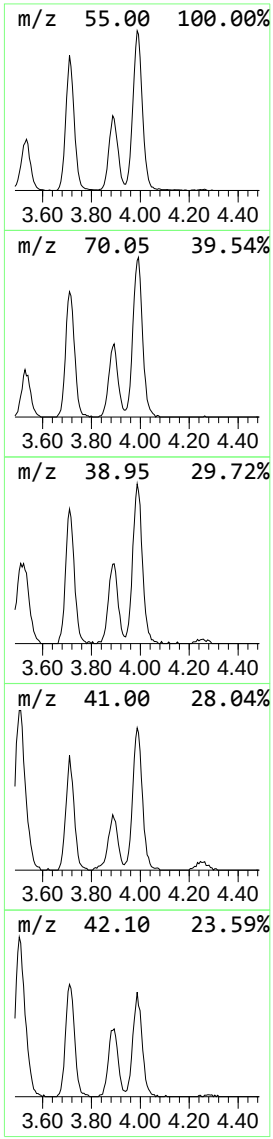
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 2-Butene, 2-methyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.987 | 23.36 ug/l | 435320 | Pentafluorobenzene | 8.081 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Butene, 2-methyl- | 70 | C5H10 | 000513-35-9 | 91 |
| 2 | Cyclopropane, 1,2-dimethyl-, cis- | 70 | C5H10 | 000930-18-7 | 91 |
| 3 | 1-Butene, 3-methyl- | 70 | C5H10 | 000563-45-1 | 86 |
| 4 | Cyclopropane, 1,2-dimethyl-, trans- | 70 | C5H10 | 002402-06-4 | 83 |
| 5 | Cyclopropane, 1,1-dimethyl- | 70 | C5H10 | 001630-94-0 | 80 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052422\
Data File : VN072609.D
Acq On : 25 May 2022 00:32
Operator : JC\MD
Sample : N2968-10
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-38

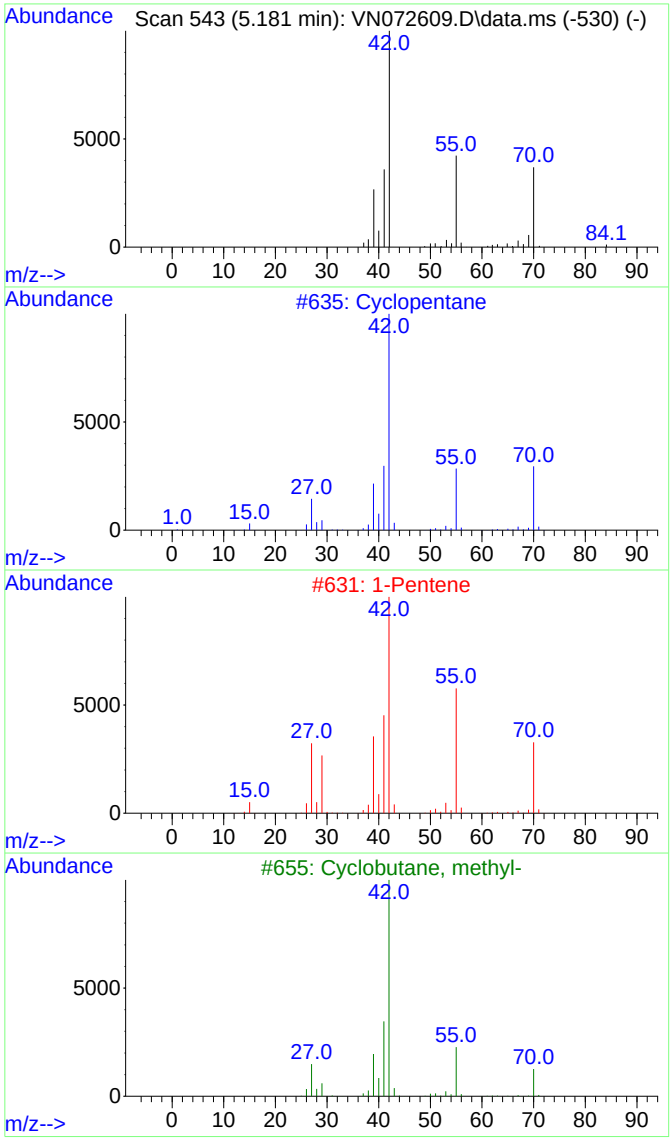
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052422W.M
Quant Title : SW846 8260

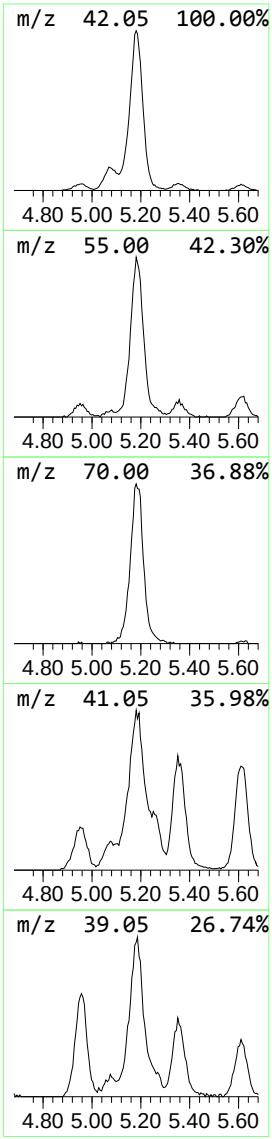
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Cyclopentane Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.181 | 28.38 ug/l | 528740 | Pentafluorobenzene | 8.081 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentane | 70 | C5H10 | 000287-92-3 | 80 |
| 2 | 1-Pentene | 70 | C5H10 | 000109-67-1 | 78 |
| 3 | Cyclobutane, methyl- | 70 | C5H10 | 000598-61-8 | 72 |
| 4 | Cyclopropane, ethyl- | 70 | C5H10 | 001191-96-4 | 38 |
| 5 | Cyclobutanone | 70 | C4H6O | 001191-95-3 | 9 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052422\
Data File : VN072609.D
Acq On : 25 May 2022 00:32
Operator : JC\MD
Sample : N2968-10
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-38

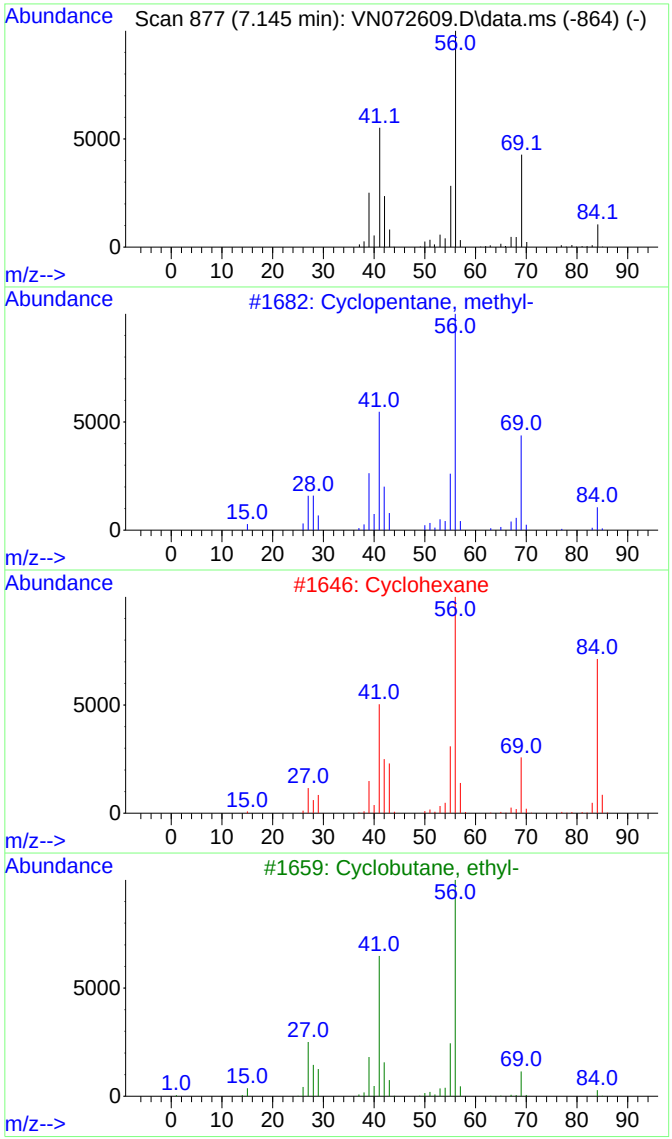
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052422W.M
Quant Title : SW846 8260

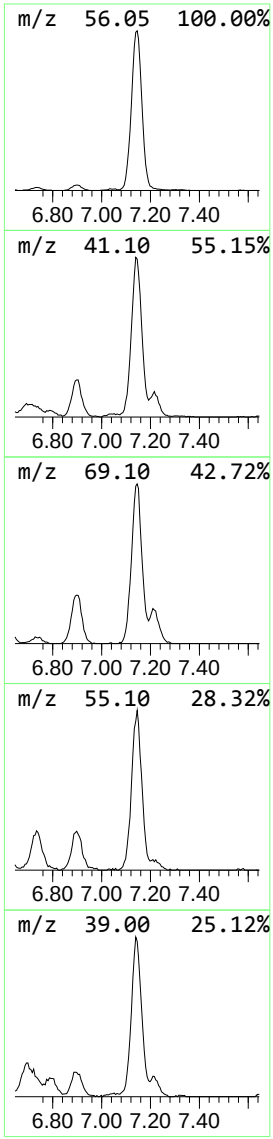
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Cyclopentane, methyl- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.145 | 43.92 ug/l | 818409 | Pentafluorobenzene | 8.081 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentane, methyl- | 84 | C6H12 | 000096-37-7 | 90 |
| 2 | Cyclohexane | 84 | C6H12 | 000110-82-7 | 83 |
| 3 | Cyclobutane, ethyl- | 84 | C6H12 | 004806-61-5 | 72 |
| 4 | 1H-Tetrazole, 5-methyl- | 84 | C2H4N4 | 004076-36-2 | 64 |
| 5 | Cyclopropane, propyl- | 84 | C6H12 | 002415-72-7 | 56 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052422\
Data File : VN072609.D
Acq On : 25 May 2022 00:32
Operator : JC\MD
Sample : N2968-10
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-38

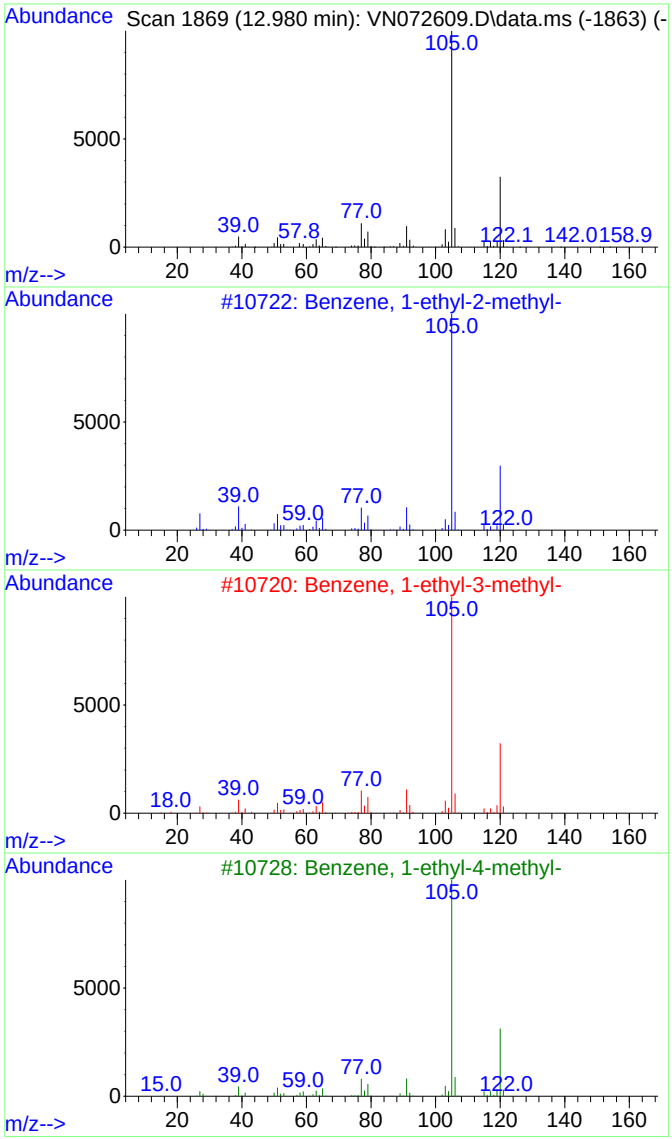
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052422W.M
Quant Title : SW846 8260

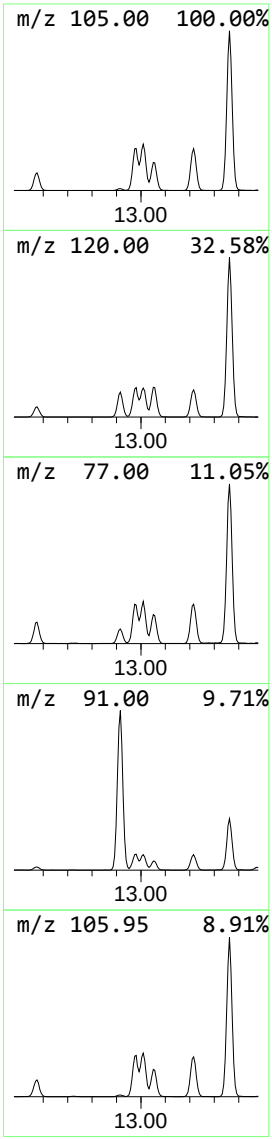
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.980 | 35.97 ug/l | 2476790 | 1,4-Dichlorobenzene-d4 | 13.668 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 95 |
| 2 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 95 |
| 3 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 91 |
| 4 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |
| 5 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052422\
Data File : VN072609.D
Acq On : 25 May 2022 00:32
Operator : JC\MD
Sample : N2968-10
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-38

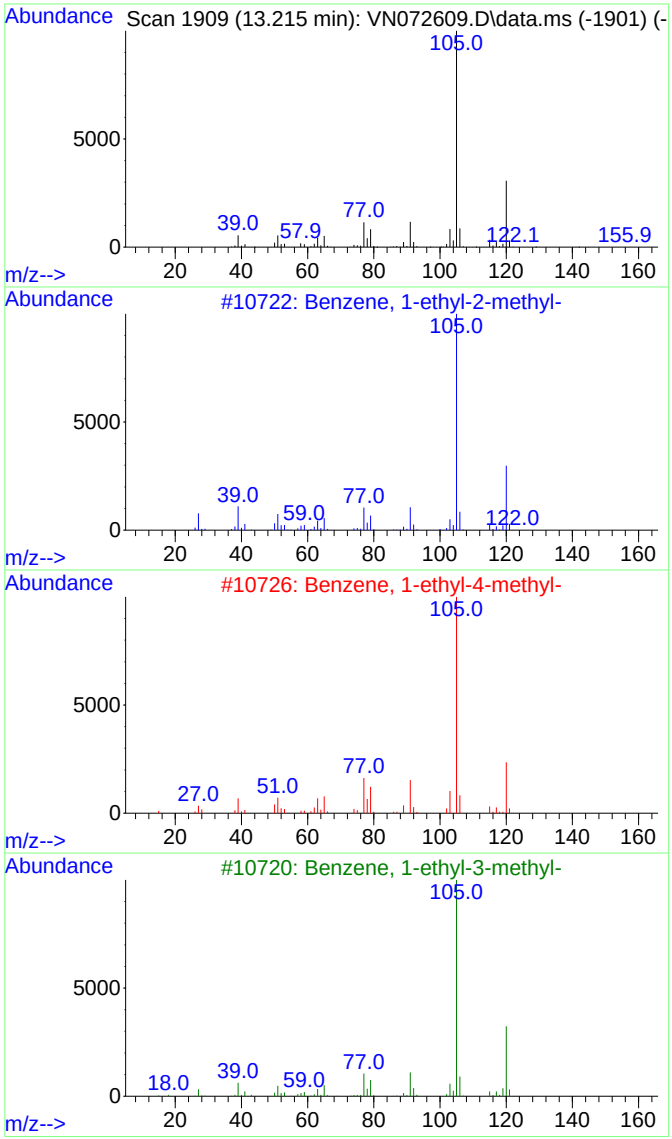
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052422W.M
Quant Title : SW846 8260

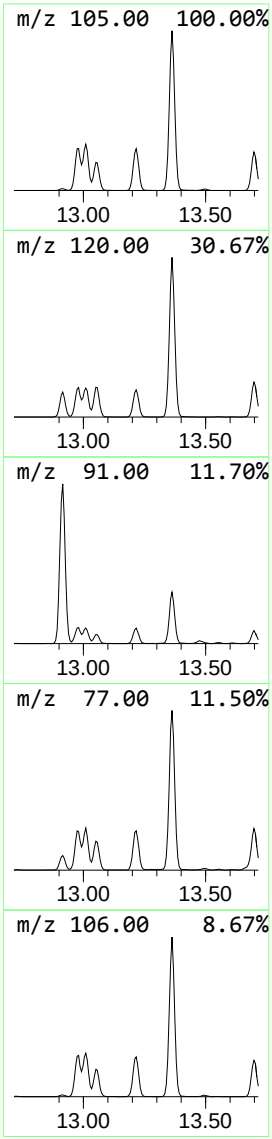
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Benzene, 1-ethyl-4-methyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.216 | 35.21 ug/l | 2424580 | 1,4-Dichlorobenzene-d4 | 13.668 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 93 |
| 2 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 93 |
| 3 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 90 |
| 4 | Mesitylene | 120 | C9H12 | 000108-67-8 | 90 |
| 5 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 90 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052422\
Data File : VN072609.D
Acq On : 25 May 2022 00:32
Operator : JC\MD
Sample : N2968-10
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-38

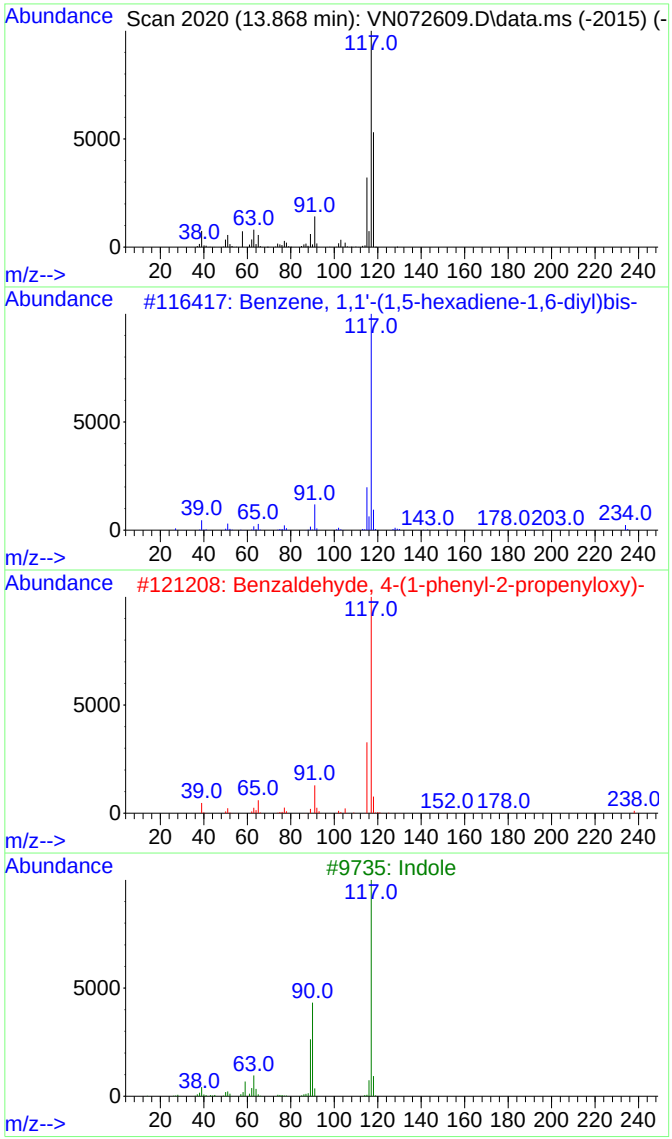
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052422W.M
Quant Title : SW846 8260

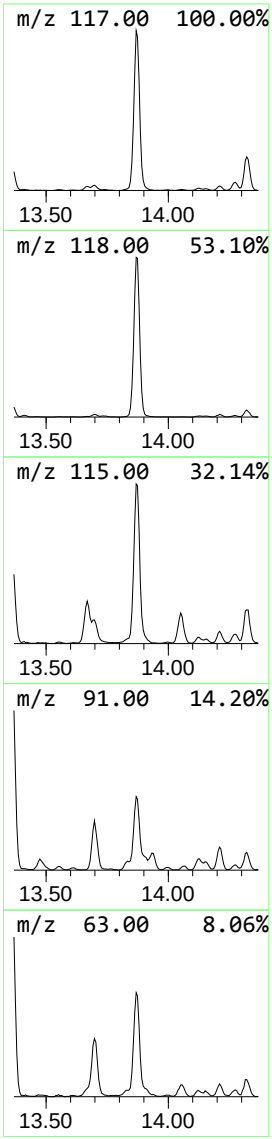
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Benzene, 1,1'-(1,5-hexadien... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.868 | 50.78 ug/l | 3496760 | 1,4-Dichlorobenzene-d4 | 13.668 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,1'-(1,5-hexadiene-1,6... | 234 | C18H18 | 004439-45-6 | 59 |
| 2 | Benzaldehyde, 4-(1-phenyl-2-prop... | 238 | C16H14O2 | 1000277-56-1 | 50 |
| 3 | Indole | 117 | C8H7N | 000120-72-9 | 49 |
| 4 | Benzene, (2-bromocyclopropyl)- | 196 | C9H9Br | 036617-02-4 | 45 |
| 5 | 4-Ethynylaniline | 117 | C8H7N | 014235-81-5 | 43 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052422\
Data File : VN072609.D
Acq On : 25 May 2022 00:32
Operator : JC\MD
Sample : N2968-10
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-38

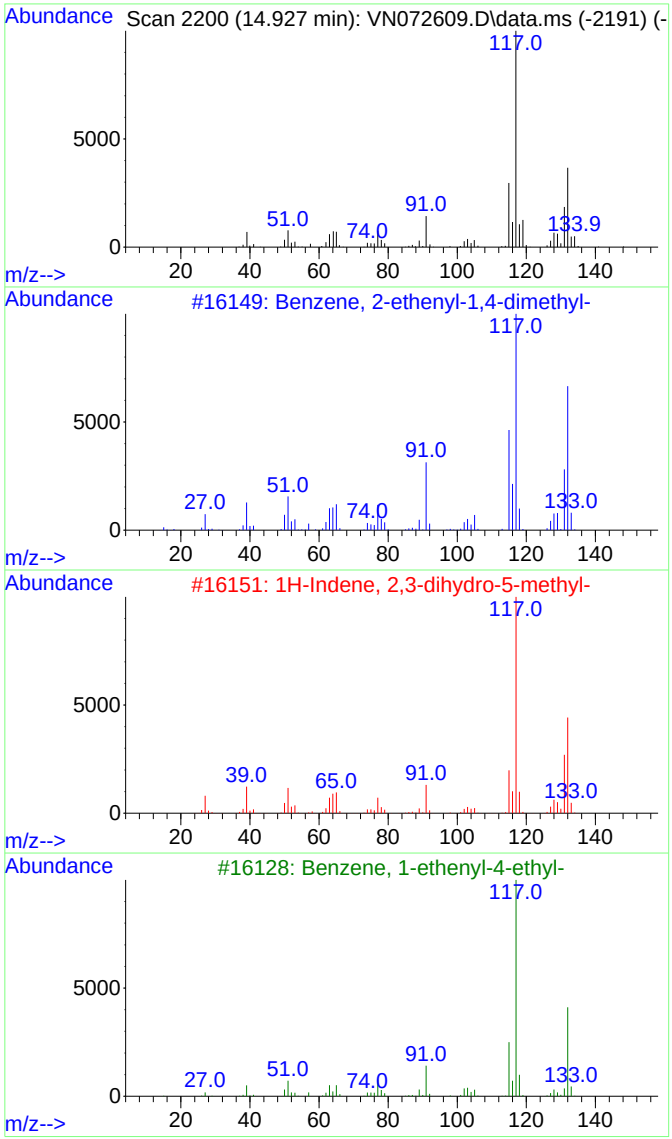
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052422W.M
Quant Title : SW846 8260

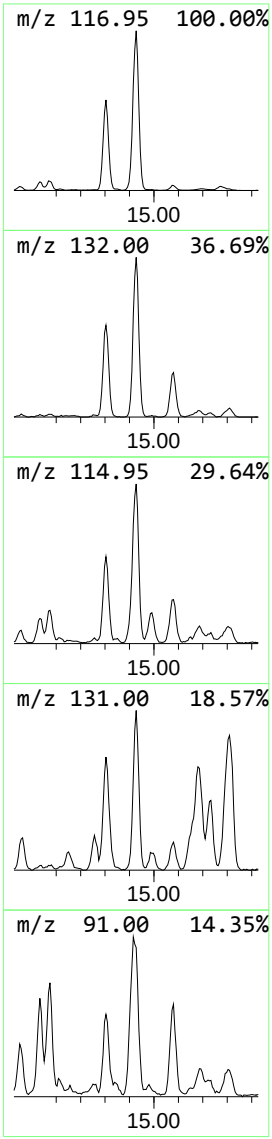
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.927 | 18.16 ug/l | 1250650 | 1,4-Dichlorobenzene-d4 | 13.668 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12 | 002039-89-6 | 96 |
| 2 | 1H-Indene, 2,3-dihydro-5-methyl- | 132 | C10H12 | 000874-35-1 | 90 |
| 3 | Benzene, 1-ethenyl-4-ethyl- | 132 | C10H12 | 003454-07-7 | 87 |
| 4 | 1-Phenyl-1-butene | 132 | C10H12 | 000824-90-8 | 87 |
| 5 | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12 | 000824-22-6 | 87 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052422\
Data File : VN072609.D
Acq On : 25 May 2022 00:32
Operator : JC\MD
Sample : N2968-10
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-38

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052422W.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 | 2.434 | 20.6 | ug/l | 383440 | 1 | 8.081 | 931683 | 50.0 |
| Butane, 2-methyl- | 3.116 | 33.0 | ug/l | 615143 | 1 | 8.081 | 931683 | 50.0 |
| Pentane | 3.510 | 18.5 | ug/l | 344213 | 1 | 8.081 | 931683 | 50.0 |
| 2-Butene, 2-met... | 3.987 | 23.4 | ug/l | 435320 | 1 | 8.081 | 931683 | 50.0 |
| Cyclopentane | 5.181 | 28.4 | ug/l | 528740 | 1 | 8.081 | 931683 | 50.0 |
| Cyclopentane, m... | 7.145 | 43.9 | ug/l | 818409 | 1 | 8.081 | 931683 | 50.0 |
| Benzene, 1-ethy... | 12.980 | 36.0 | ug/l | 2476790 | 4 | 13.668 | 3443200 | 50.0 |
| Benzene, 1-ethy... | 13.216 | 35.2 | ug/l | 2424580 | 4 | 13.668 | 3443200 | 50.0 |
| Benzene, 1,1'-(... | 13.868 | 50.8 | ug/l | 3496760 | 4 | 13.668 | 3443200 | 50.0 |
| Benzene, 2-ethe... | 14.927 | 18.2 | ug/l | 1250650 | 4 | 13.668 | 3443200 | 50.0 |