LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040122\
Data File : VN071761.D
Acq On : 01 Apr 2022 18:32
Operator : JC\MD
Sample : N2090-11
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-55

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: VN071761.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.240 | 37 | 43 | 45 | rBV2 | 50810 | 96754 | 2.78% | 0.354% |
| 2 | 4.263 | 374 | 387 | 401 | rBV6 | 33892 | 135457 | 3.89% | 0.496% |
| 3 | 4.581 | 428 | 441 | 448 | rBV2 | 13838 | 42809 | 1.23% | 0.157% |
| 4 | 5.075 | 513 | 525 | 557 | rVB3 | 80916 | 371507 | 10.67% | 1.359% |
| 5 | 5.369 | 564 | 575 | 585 | rBV3 | 22683 | 85019 | 2.44% | 0.311% |
| 6 | 5.622 | 603 | 618 | 631 | rBV3 | 64829 | 230207 | 6.61% | 0.842% |
| 7 | 7.045 | 852 | 860 | 870 | rBV5 | 17938 | 56035 | 1.61% | 0.205% |
| 8 | 7.334 | 898 | 909 | 921 | rVB5 | 12121 | 40755 | 1.17% | 0.149% |
| 9 | 7.845 | 977 | 996 | 1005 | rBV5 | 23683 | 84186 | 2.42% | 0.308% |
| 10 | 8.022 | 1013 | 1026 | 1031 | rBV | 398306 | 993366 | 28.54% | 3.635% |
| 11 | 8.081 | 1031 | 1036 | 1045 | rVV | 767186 | 1780413 | 51.14% | 6.515% |
| 12 | 8.169 | 1045 | 1051 | 1063 | rVV3 | 71577 | 192619 | 5.53% | 0.705% |
| 13 | 8.298 | 1065 | 1073 | 1077 | rVV3 | 27825 | 62058 | 1.78% | 0.227% |
| 14 | 8.357 | 1078 | 1083 | 1088 | rVV5 | 16173 | 38464 | 1.10% | 0.141% |
| 15 | 8.439 | 1088 | 1097 | 1109 | rVV | 417765 | 993591 | 28.54% | 3.636% |
| 16 | 8.616 | 1109 | 1127 | 1136 | rVV | 400902 | 1124745 | 32.31% | 4.116% |
| 17 | 8.704 | 1137 | 1142 | 1154 | rVB4 | 49391 | 127600 | 3.67% | 0.467% |
| 18 | 8.963 | 1176 | 1186 | 1199 | rBV | 1123407 | 2393741 | 68.76% | 8.759% |
| 19 | 9.198 | 1219 | 1226 | 1232 | rBV4 | 17523 | 35029 | 1.01% | 0.128% |
| 20 | 9.422 | 1253 | 1264 | 1275 | rBV4 | 92190 | 253318 | 7.28% | 0.927% |
| 21 | 9.592 | 1287 | 1293 | 1300 | rBV2 | 45070 | 92008 | 2.64% | 0.337% |
| 22 | 9.728 | 1308 | 1316 | 1323 | rBV2 | 45107 | 94364 | 2.71% | 0.345% |
| 23 | 9.881 | 1334 | 1342 | 1351 | rVB | 372019 | 736160 | 21.15% | 2.694% |
| 24 | 10.010 | 1351 | 1364 | 1377 | rBV | 680801 | 1457258 | 41.86% | 5.332% |
| 25 | 10.198 | 1388 | 1396 | 1402 | rBV4 | 38417 | 86398 | 2.48% | 0.316% |
| 26 | 10.363 | 1419 | 1424 | 1429 | rVB2 | 44368 | 77301 | 2.22% | 0.283% |
| 27 | 10.439 | 1429 | 1437 | 1456 | rVV | 1879362 | 3481186 | 100.00% | 12.738% |
| 28 | 10.633 | 1459 | 1470 | 1477 | rVV5 | 55458 | 172546 | 4.96% | 0.631% |
| 29 | 10.781 | 1490 | 1495 | 1500 | rVV5 | 24849 | 44805 | 1.29% | 0.164% |
| 30 | 10.857 | 1500 | 1508 | 1517 | rVV2 | 101816 | 244756 | 7.03% | 0.896% |
| 31 | 10.945 | 1517 | 1523 | 1532 | rVB8 | 23230 | 63059 | 1.81% | 0.231% |
| 32 | 11.251 | 1566 | 1575 | 1581 | rBV6 | 43960 | 92011 | 2.64% | 0.337% |
| 33 | 11.398 | 1595 | 1600 | 1605 | rBV3 | 20706 | 36549 | 1.05% | 0.134% |
| 34 | 11.551 | 1622 | 1626 | 1635 | rVB9 | 15347 | 42064 | 1.21% | 0.154% |
| 35 | 11.739 | 1651 | 1658 | 1671 | rBV | 1715779 | 3133064 | 90.00% | 11.464% |
| 36 | 12.580 | 1794 | 1801 | 1807 | rBV | 41618 | 77804 | 2.23% | 0.285% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040122\
Data File : VN071761.D
Acq On : 01 Apr 2022 18:32
Operator : JC\MD
Sample : N2090-11
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-55

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 | 12.727 | 1819 | 1826 | 1835 | rBV | 1231313 | 2121339 | 60.94% | 7.762% |
| 38 | 12.916 | 1851 | 1858 | 1867 | rVB | 38420 | 78243 | 2.25% | 0.286% |
| 39 | 13.480 | 1946 | 1954 | 1963 | rBV2 | 119834 | 260688 | 7.49% | 0.954% |
| 40 | 13.674 | 1979 | 1987 | 1998 | rBV | 1296438 | 2299047 | 66.04% | 8.413% |
| 41 | 13.769 | 1999 | 2003 | 2007 | rVV | 22283 | 35396 | 1.02% | 0.130% |
| 42 | 13.833 | 2008 | 2014 | 2020 | rVV | 257337 | 426003 | 12.24% | 1.559% |
| 43 | 13.916 | 2024 | 2028 | 2037 | rVV2 | 45247 | 114036 | 3.28% | 0.417% |
| 44 | 13.998 | 2037 | 2042 | 2048 | rVB | 73797 | 118483 | 3.40% | 0.434% |
| 45 | 14.145 | 2058 | 2067 | 2073 | rBV3 | 81104 | 161887 | 4.65% | 0.592% |
| 46 | 14.216 | 2073 | 2079 | 2085 | rVV | 348286 | 542583 | 15.59% | 1.985% |
| 47 | 14.274 | 2085 | 2089 | 2092 | rVV | 24279 | 39844 | 1.14% | 0.146% |
| 48 | 14.327 | 2092 | 2098 | 2104 | rVV2 | 188160 | 329087 | 9.45% | 1.204% |
| 49 | 14.404 | 2104 | 2111 | 2116 | rVB5 | 70214 | 150004 | 4.31% | 0.549% |
| 50 | 14.463 | 2116 | 2121 | 2125 | rBV | 39538 | 58575 | 1.68% | 0.214% |
| 51 | 14.539 | 2125 | 2134 | 2141 | rVB | 434717 | 719510 | 20.67% | 2.633% |
| 52 | 14.810 | 2175 | 2180 | 2185 | rVV3 | 58274 | 108975 | 3.13% | 0.399% |
| 53 | 14.921 | 2192 | 2199 | 2206 | rVV4 | 91098 | 213604 | 6.14% | 0.782% |
| 54 | 14.992 | 2206 | 2211 | 2216 | rVB3 | 21623 | 48663 | 1.40% | 0.178% |
| 55 | 15.192 | 2238 | 2245 | 2251 | rBV2 | 76851 | 162810 | 4.68% | 0.596% |
| 56 | 15.304 | 2256 | 2264 | 2277 | rVB4 | 80875 | 207171 | 5.95% | 0.758% |
| 57 | 16.110 | 2390 | 2401 | 2406 | rBV2 | 30773 | 63588 | 1.83% | 0.233% |

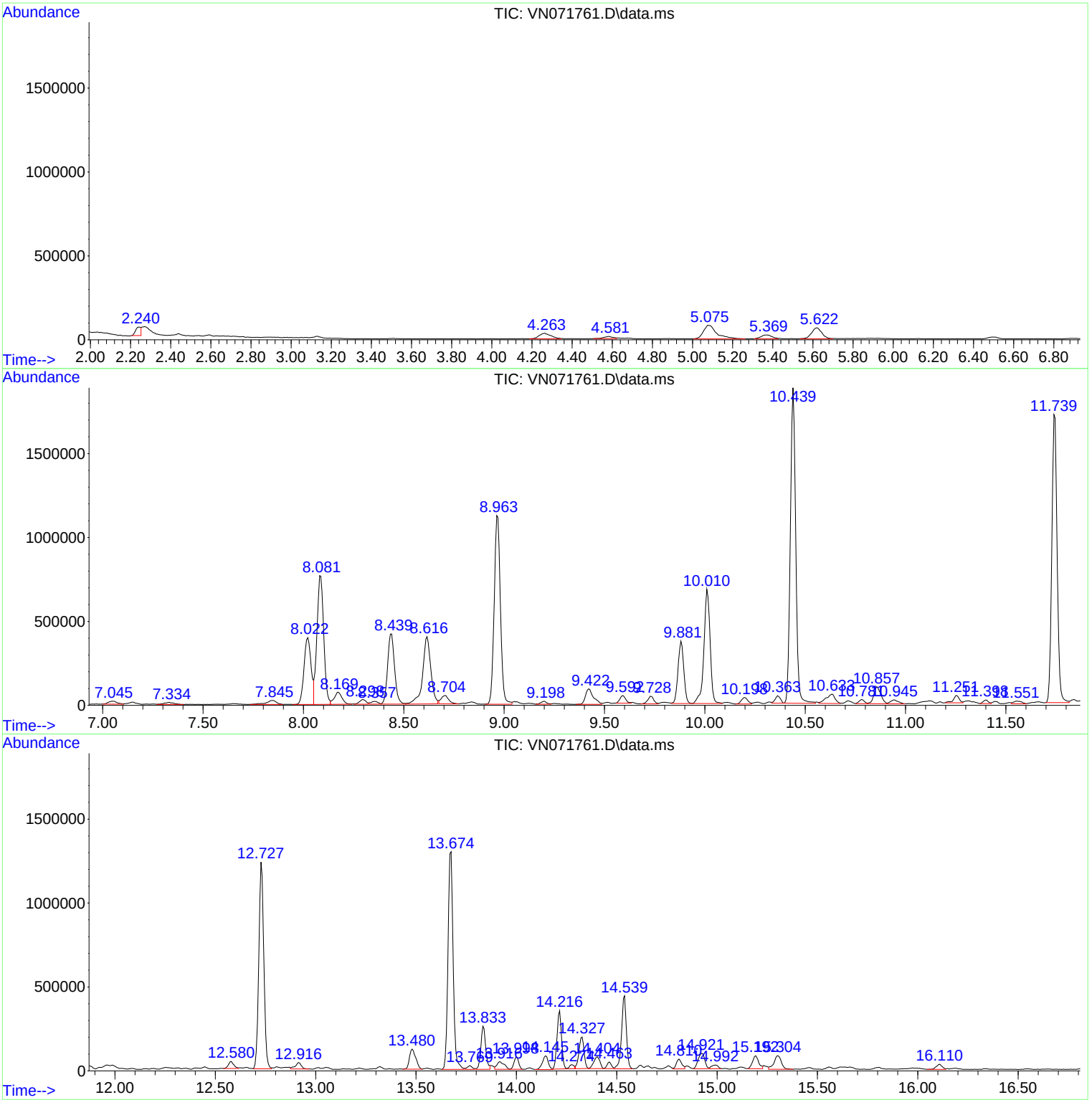
Sum of corrected areas: 27328542

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040122\
Data File : VN071761.D
Acq On : 01 Apr 2022 18:32
Operator : JC\MD
Sample : N2090-11
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-55

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\VN040122\
Data File : VN071761.D
Acq On : 01 Apr 2022 18:32
Operator : JC\MD
Sample : N2090-11
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-55

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

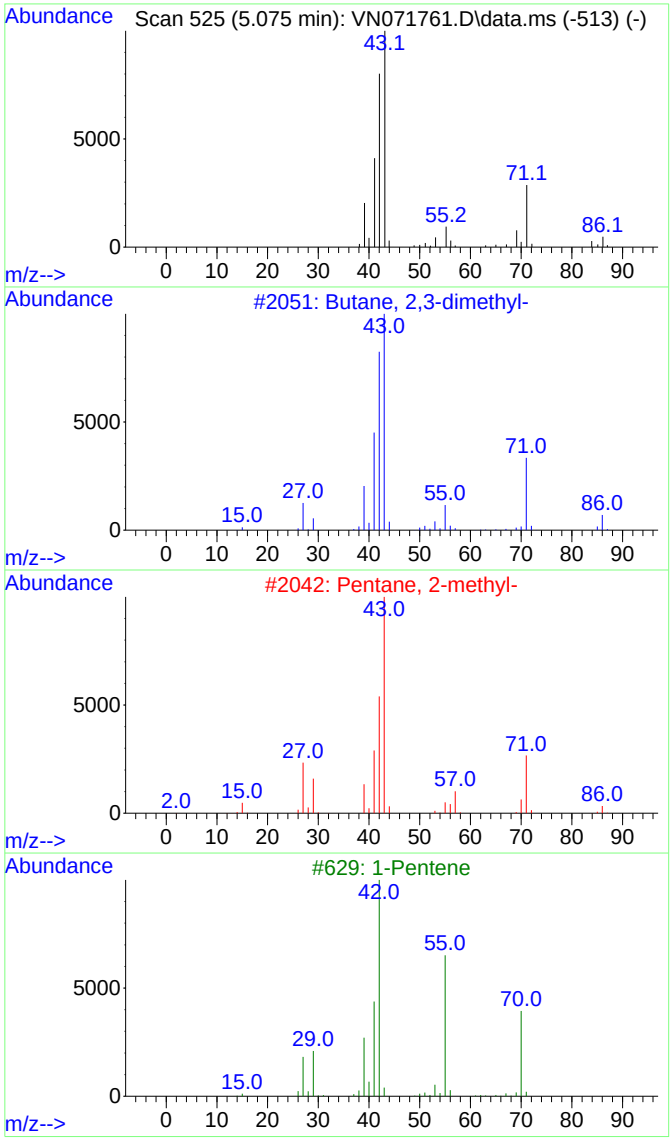
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

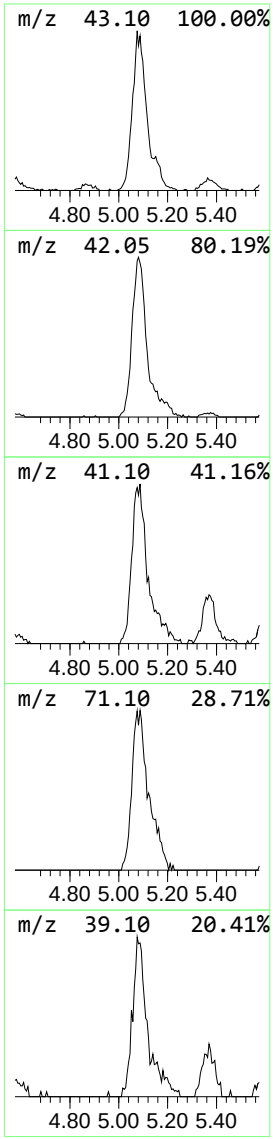
**********

Peak Number 1 Butane, 2,3-dimethyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.075 | 10.43 ug/l | 371507 | Pentafluorobenzene | 8.081 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2,3-dimethyl- | 86 | C6H14 | 000079-29-8 | 90 |
| 2 | Pentane, 2-methyl- | 86 | C6H14 | 000107-83-5 | 47 |
| 3 | 1-Pentene | 70 | C5H10 | 000109-67-1 | 28 |
| 4 | 1,2,4,5-Tetrazine, 1,4-dihydro-3... | 112 | C4H8N4 | 037454-64-1 | 28 |
| 5 | Propanoyl chloride, 2-methyl- | 106 | C4H7ClO | 000079-30-1 | 12 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040122\
Data File : VN071761.D
Acq On : 01 Apr 2022 18:32
Operator : JC\MD
Sample : N2090-11
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-55

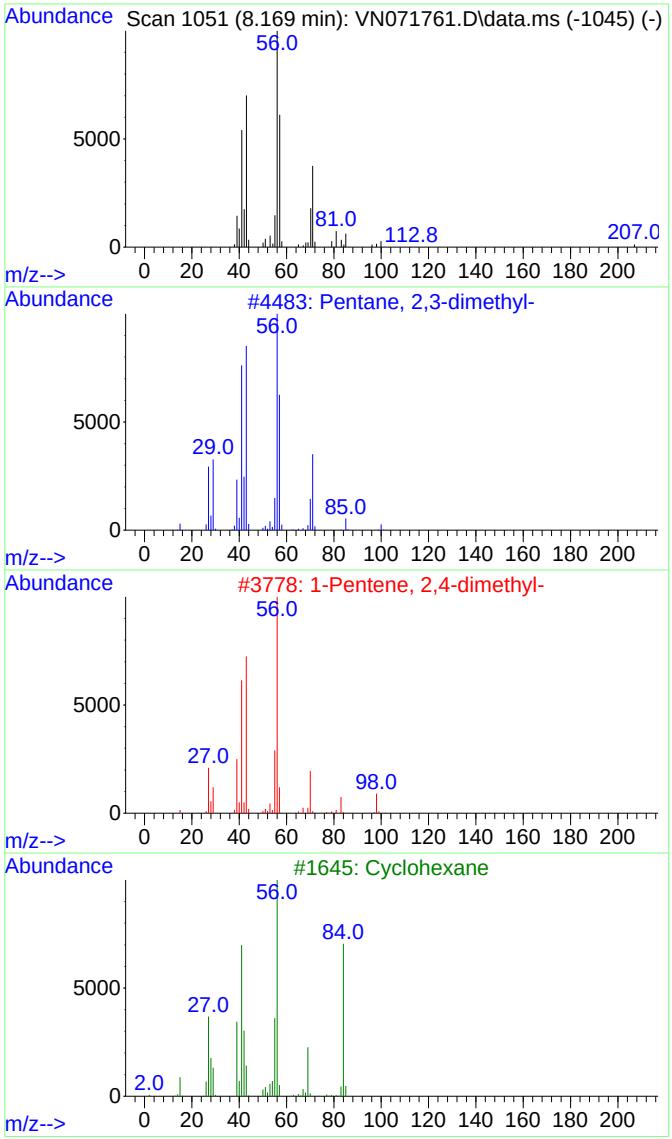
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260

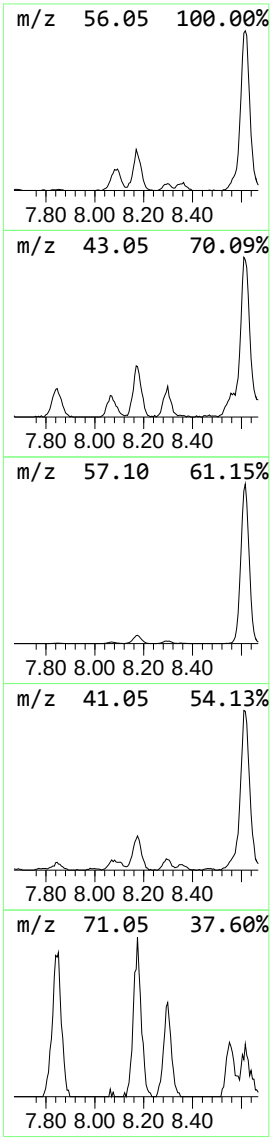
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Pentane, 2,3-dimethyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.169 | 5.41 ug/l | 192619 | Pentafluorobenzene | 8.081 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentane, 2,3-dimethyl- | 100 | C7H16 | 000565-59-3 | 91 |
| 2 | 1-Pentene, 2,4-dimethyl- | 98 | C7H14 | 002213-32-3 | 53 |
| 3 | Cyclohexane | 84 | C6H12 | 000110-82-7 | 50 |
| 4 | Propane, 2-cyclopropyl- | 84 | C6H12 | 003638-35-5 | 47 |
| 5 | 1-Hexene, 5-methyl- | 98 | C7H14 | 003524-73-0 | 45 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040122\
Data File : VN071761.D
Acq On : 01 Apr 2022 18:32
Operator : JC\MD
Sample : N2090-11
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-55

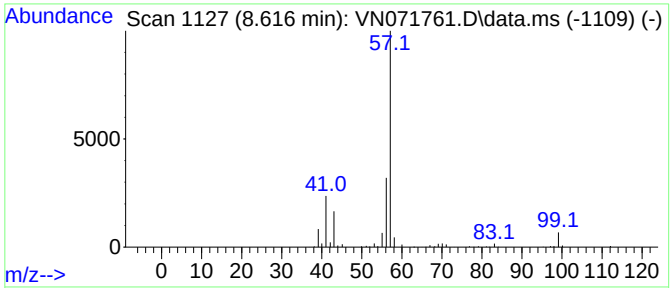
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260

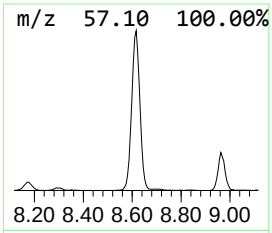
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

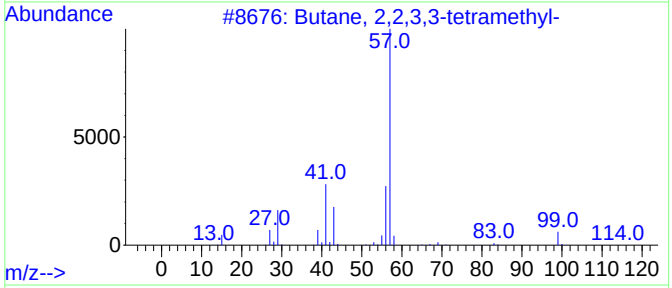
**********
Peak Number 3 Butane, 2,2,3,3-tetramethyl- Concentration Rank 2

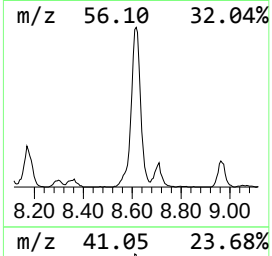
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.616 | 23.49 ug/l | 1124750 | 1,4-Difluorobenzene | 8.969 |

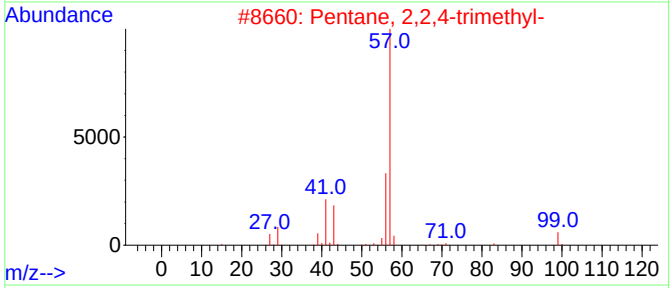
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2,2,3,3-tetramethyl- | 114 | C8H18 | 000594-82-1 | 72 |
| 2 | Pentane, 2,2,4-trimethyl- | 114 | C8H18 | 000540-84-1 | 72 |
| 3 | Hexane, 2,2-dimethyl- | 114 | C8H18 | 000590-73-8 | 72 |
| 4 | Pentane, 2,2,4,4-tetramethyl- | 128 | C9H20 | 001070-87-7 | 59 |
| 5 | Hexane, 2,2,4-trimethyl- | 128 | C9H20 | 016747-26-5 | 59 |

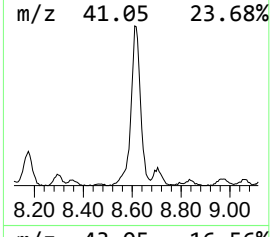


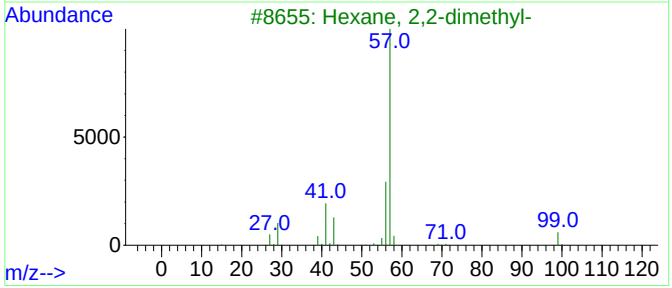



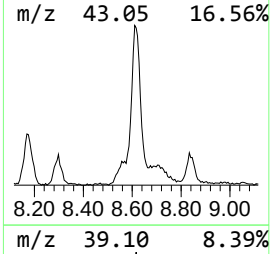



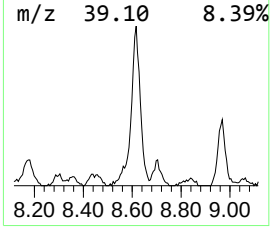



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040122\
Data File : VN071761.D
Acq On : 01 Apr 2022 18:32
Operator : JC\MD
Sample : N2090-11
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-55

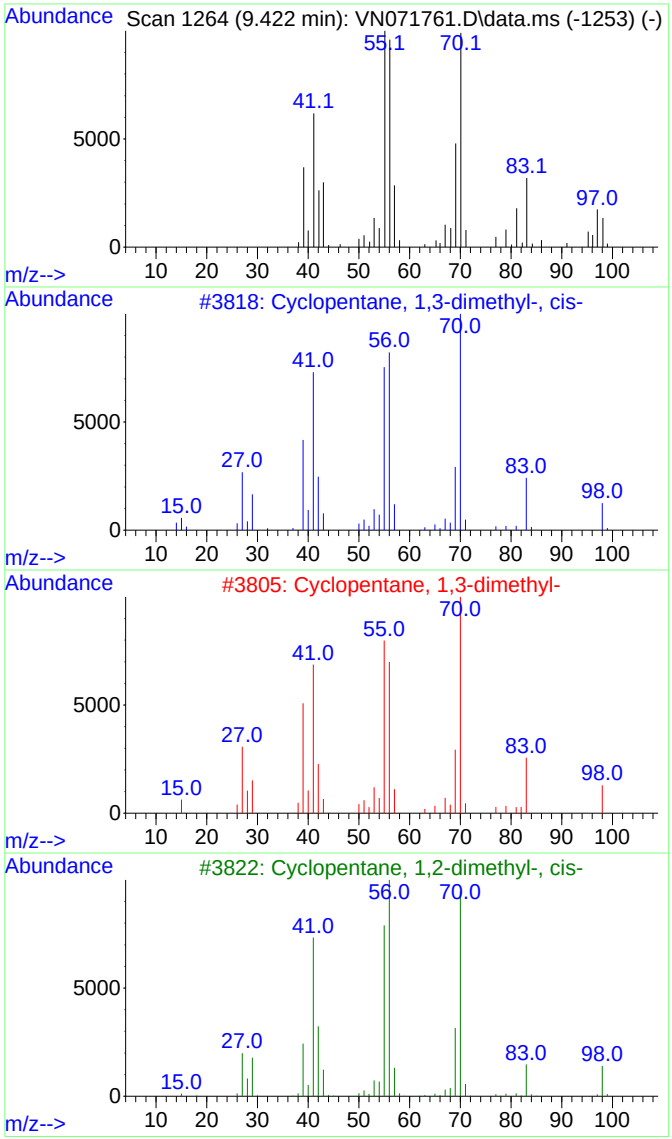
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260

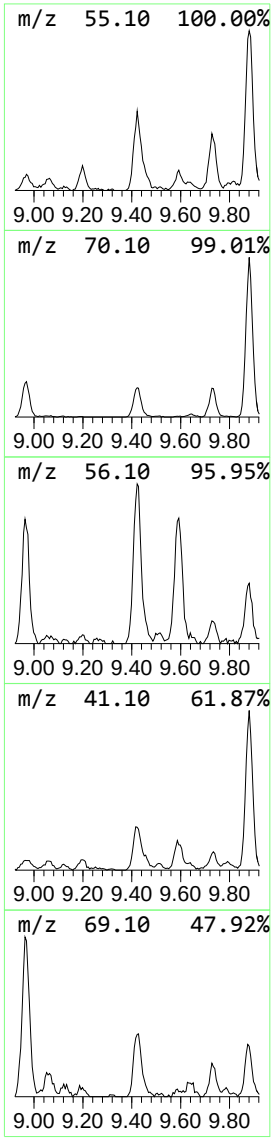
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 Cyclopentane, 1,3-dimethyl-... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.422 | 5.29 ug/l | 253318 | 1,4-Difluorobenzene | 8.969 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentane, 1,3-dimethyl-, cis- | 98 | C7H14 | 002532-58-3 | 87 |
| 2 | Cyclopentane, 1,3-dimethyl- | 98 | C7H14 | 002453-00-1 | 87 |
| 3 | Cyclopentane, 1,2-dimethyl-, cis- | 98 | C7H14 | 001192-18-3 | 87 |
| 4 | Cyclopentane, 1,3-dimethyl-, trans- | 98 | C7H14 | 001759-58-6 | 83 |
| 5 | Cycloheptane | 98 | C7H14 | 000291-64-5 | 72 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040122\
Data File : VN071761.D
Acq On : 01 Apr 2022 18:32
Operator : JC\MD
Sample : N2090-11
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-55

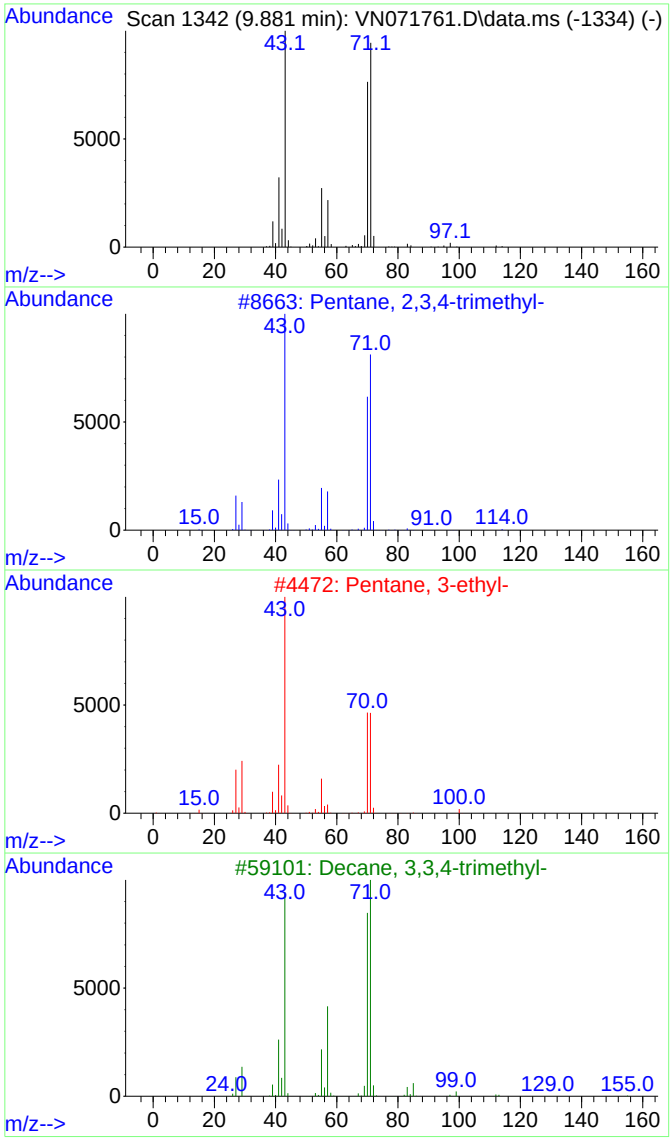
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260

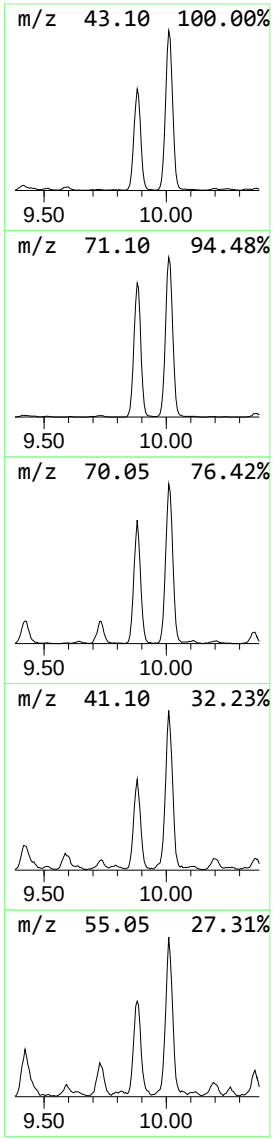
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Pentane, 2,3,4-trimethyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.881 | 15.38 ug/l | 736160 | 1,4-Difluorobenzene | 8.969 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentane, 2,3,4-trimethyl- | 114 | C8H18 | 000565-75-3 | 91 |
| 2 | Pentane, 3-ethyl- | 100 | C7H16 | 000617-78-7 | 83 |
| 3 | Decane, 3,3,4-trimethyl- | 184 | C13H28 | 049622-18-6 | 83 |
| 4 | Heptane, 3,3,4-trimethyl- | 142 | C10H22 | 020278-87-9 | 74 |
| 5 | 3,4-Diethyl hexane | 142 | C10H22 | 019398-77-7 | 64 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040122\
Data File : VN071761.D
Acq On : 01 Apr 2022 18:32
Operator : JC\MD
Sample : N2090-11
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-55

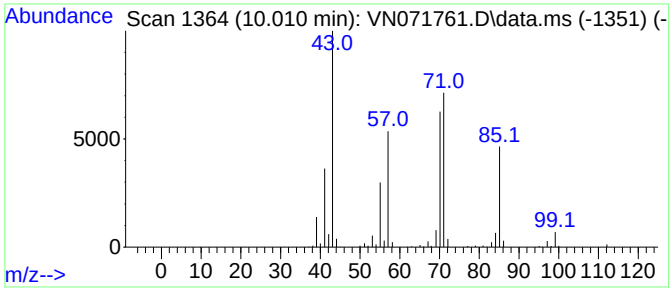
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260

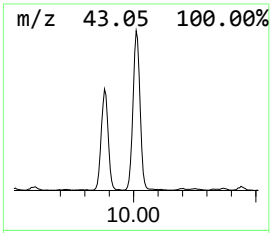
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

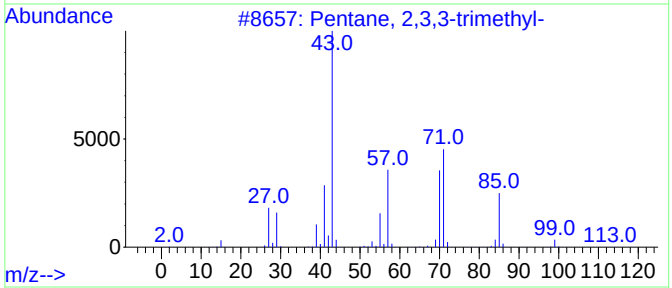
**********
Peak Number 6 Pentane, 2,3,3-trimethyl- Concentration Rank 1

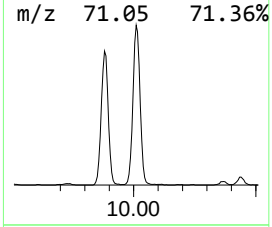
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.010 | 30.44 ug/l | 1457260 | 1,4-Difluorobenzene | 8.969 |

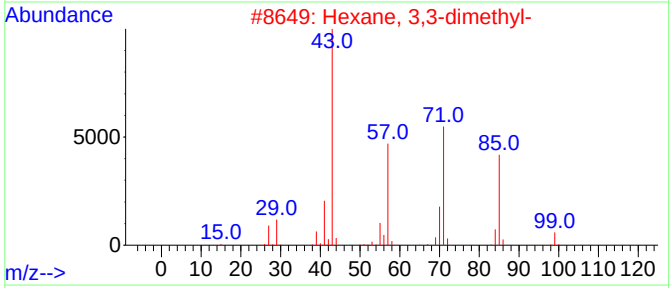
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentane, 2,3,3-trimethyl- | 114 | C8H18 | 000560-21-4 | 90 |
| 2 | Hexane, 3,3-dimethyl- | 114 | C8H18 | 000563-16-6 | 64 |
| 3 | Heptane, 4-methyl- | 114 | C8H18 | 000589-53-7 | 53 |
| 4 | Hexane, 2,3,4-trimethyl- | 128 | C9H20 | 000921-47-1 | 50 |
| 5 | Pentane, 2,3,4-trimethyl- | 114 | C8H18 | 000565-75-3 | 50 |

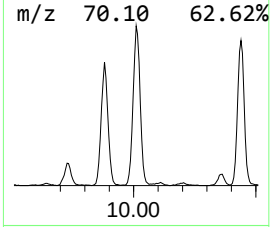


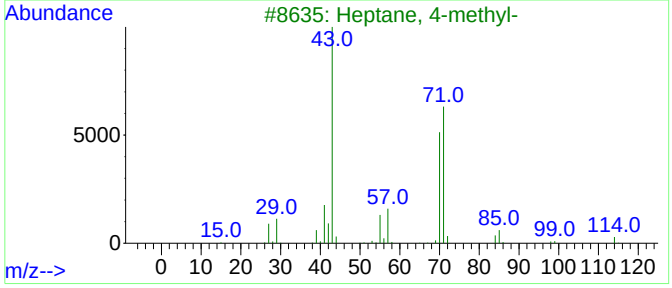



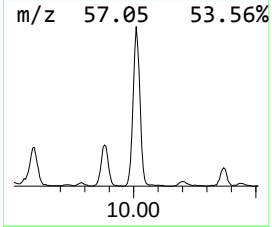



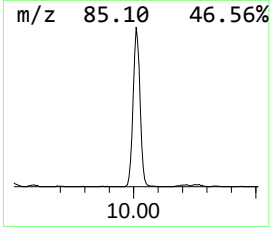



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040122\
Data File : VN071761.D
Acq On : 01 Apr 2022 18:32
Operator : JC\MD
Sample : N2090-11
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-55

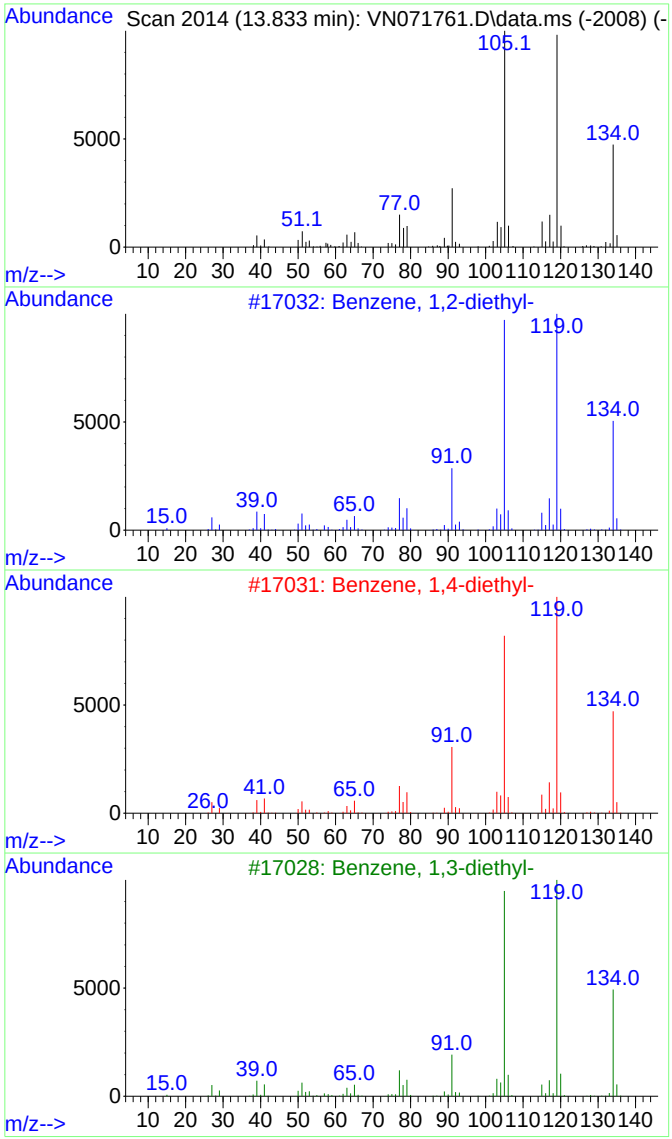
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260

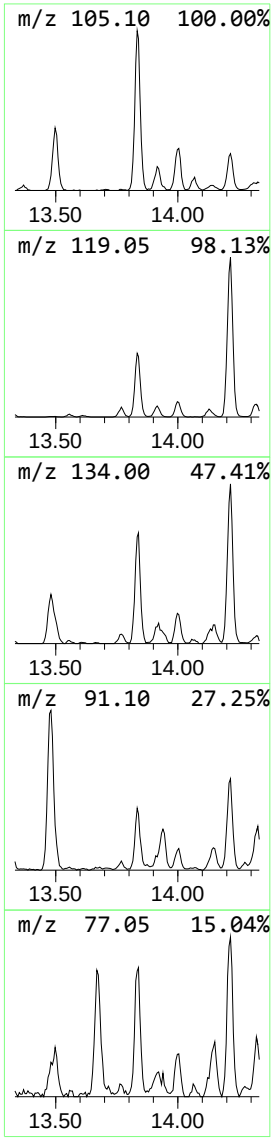
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Benzene, 1,2-diethyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.833 | 9.26 ug/l | 426003 | 1,4-Dichlorobenzene-d4 | 13.674 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2-diethyl- | 134 | C10H14 | 000135-01-3 | 97 |
| 2 | Benzene, 1,4-diethyl- | 134 | C10H14 | 000105-05-5 | 96 |
| 3 | Benzene, 1,3-diethyl- | 134 | C10H14 | 000141-93-5 | 96 |
| 4 | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14 | 000934-74-7 | 90 |
| 5 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 87 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040122\
Data File : VN071761.D
Acq On : 01 Apr 2022 18:32
Operator : JC\MD
Sample : N2090-11
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-55

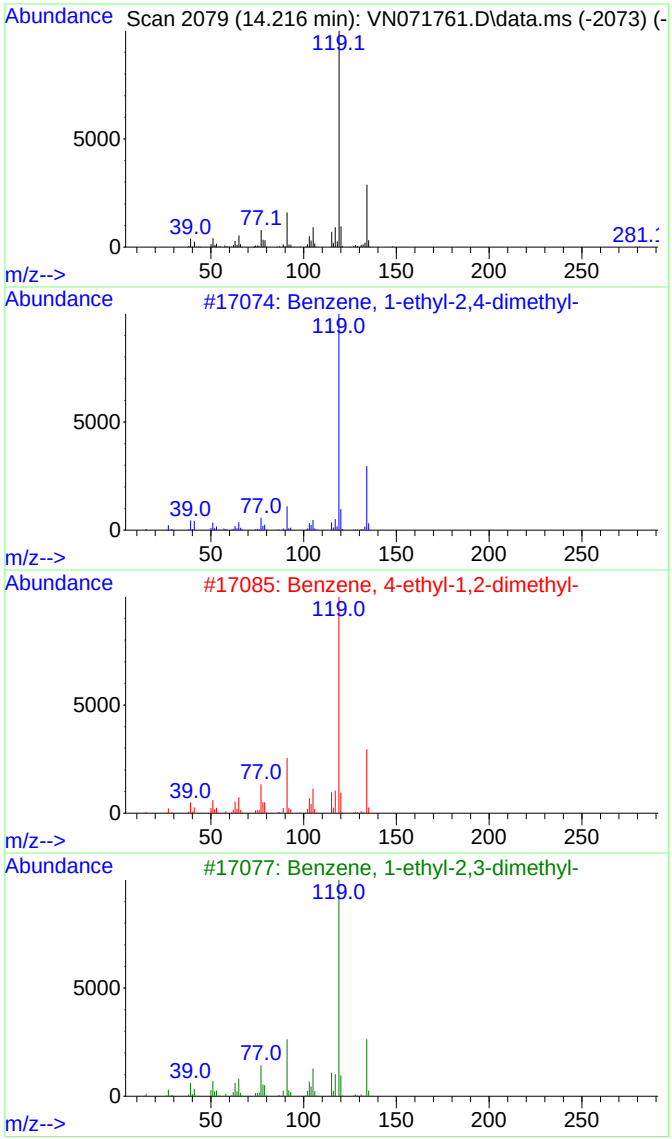
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260

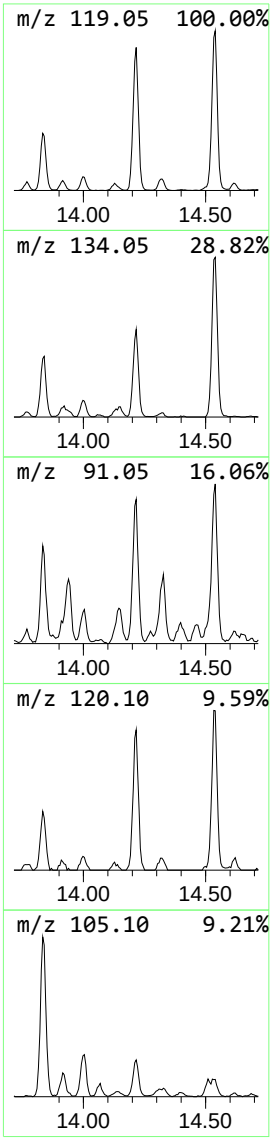
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.216 | 11.80 ug/l | 542583 | 1,4-Dichlorobenzene-d4 | 13.674 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 97 |
| 2 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 96 |
| 3 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 95 |
| 4 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 94 |
| 5 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 94 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040122\
Data File : VN071761.D
Acq On : 01 Apr 2022 18:32
Operator : JC\MD
Sample : N2090-11
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-55

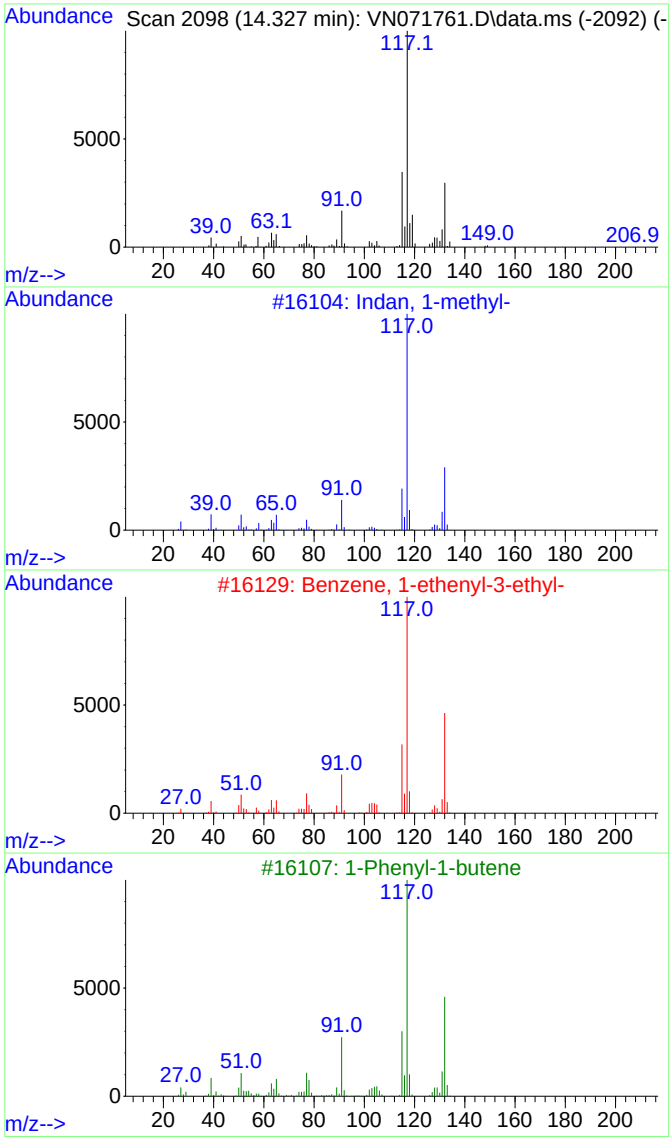
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260

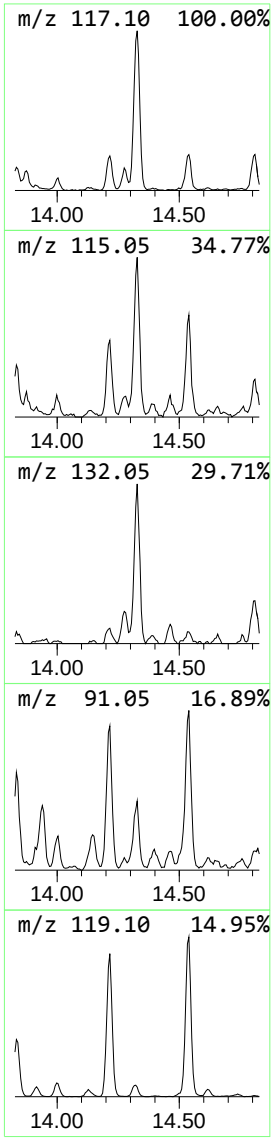
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Indan, 1-methyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.327 | 7.16 ug/l | 329087 | 1,4-Dichlorobenzene-d4 | 13.674 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indan, 1-methyl- | 132 | C10H12 | 000767-58-8 | 87 |
| 2 | Benzene, 1-ethenyl-3-ethyl- | 132 | C10H12 | 007525-62-4 | 87 |
| 3 | 1-Phenyl-1-butene | 132 | C10H12 | 000824-90-8 | 80 |
| 4 | 1-Methyl-2-phenylcyclopropane | 132 | C10H12 | 003145-76-4 | 72 |
| 5 | Benzene, 1-methyl-2-(2-propenyl)- | 132 | C10H12 | 001587-04-8 | 72 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040122\
Data File : VN071761.D
Acq On : 01 Apr 2022 18:32
Operator : JC\MD
Sample : N2090-11
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-55

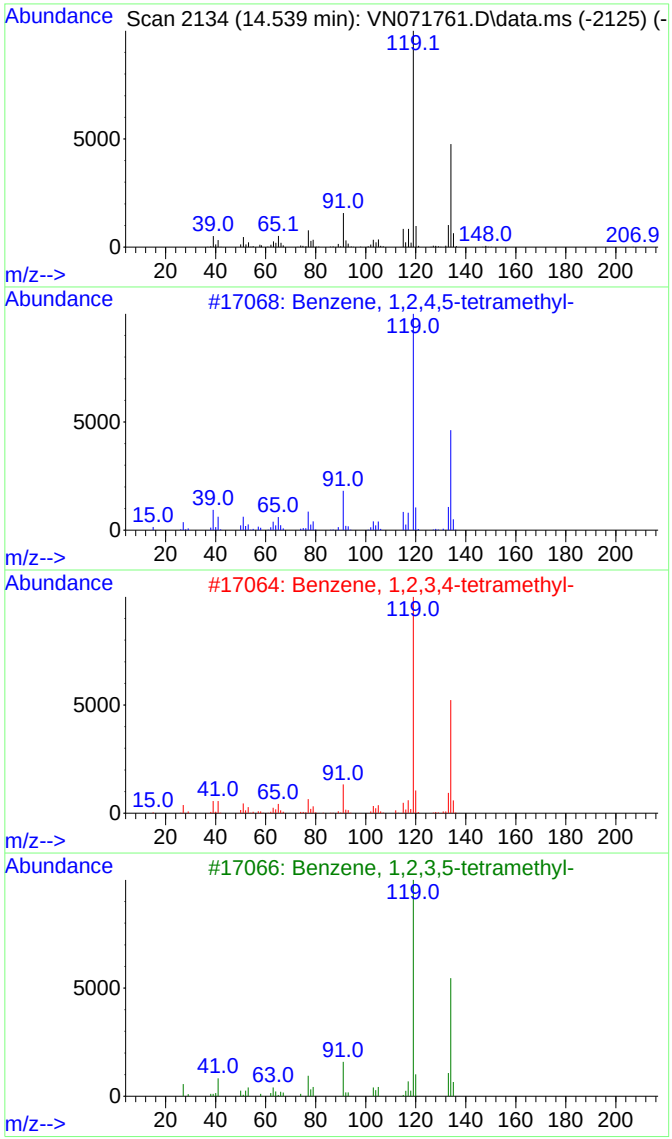
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260

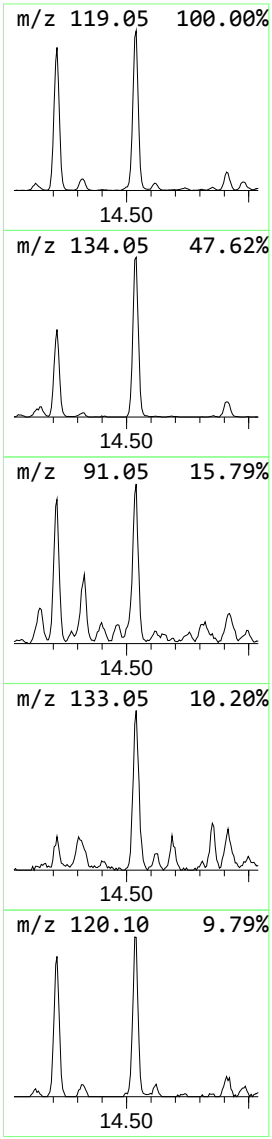
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.539 | 15.65 ug/l | 719510 | 1,4-Dichlorobenzene-d4 | 13.674 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 97 |
| 2 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 97 |
| 3 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 96 |
| 4 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 94 |
| 5 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 94 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040122\
Data File : VN071761.D
Acq On : 01 Apr 2022 18:32
Operator : JC\MD
Sample : N2090-11
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-55

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, 2,3-dim... | 5.075 | 10.4 | ug/l | 371507 | 1 | 8.081 | 1780410 | 50.0 |
| Pentane, 2,3-di... | 8.169 | 5.4 | ug/l | 192619 | 1 | 8.081 | 1780410 | 50.0 |
| Butane, 2,2,3,3... | 8.616 | 23.5 | ug/l | 1124750 | 2 | 8.969 | 2393740 | 50.0 |
| Cyclopentane, 1... | 9.422 | 5.3 | ug/l | 253318 | 2 | 8.969 | 2393740 | 50.0 |
| Pentane, 2,3,4-... | 9.881 | 15.4 | ug/l | 736160 | 2 | 8.969 | 2393740 | 50.0 |
| Pentane, 2,3,3-... | 10.010 | 30.4 | ug/l | 1457260 | 2 | 8.969 | 2393740 | 50.0 |
| Benzene, 1,2-di... | 13.833 | 9.3 | ug/l | 426003 | 4 | 13.674 | 2299050 | 50.0 |
| Benzene, 1-ethy... | 14.216 | 11.8 | ug/l | 542583 | 4 | 13.674 | 2299050 | 50.0 |
| Indan, 1-methyl- | 14.327 | 7.2 | ug/l | 329087 | 4 | 13.674 | 2299050 | 50.0 |
| Benzene, 1,2,4,... | 14.539 | 15.7 | ug/l | 719510 | 4 | 13.674 | 2299050 | 50.0 |