LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062122\
Data File : VN072987.D
Acq On : 21 Jun 2022 16:44
Operator : JC\MD
Sample : N3379-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
TOLL-MW-10

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\82N061722W.M
Title : SW846 8260

Signal : TIC: VN072987.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 | 55 | 60 | 65 | rVB | 51817 | 67610 | 5.09% | 0.721% |
| 2 | 2.404 | 81 | 88 | 94 | rBV2 | 41183 | 68428 | 5.15% | 0.729% |
| 3 | 3.081 | 197 | 203 | 213 | rVB7 | 8103 | 17206 | 1.29% | 0.183% |
| 4 | 5.539 | 609 | 621 | 634 | rBV4 | 27646 | 99529 | 7.49% | 1.061% |
| 5 | 6.963 | 854 | 863 | 873 | rBV2 | 11291 | 33099 | 2.49% | 0.353% |
| 6 | 7.251 | 903 | 912 | 924 | rVB3 | 42192 | 115640 | 8.70% | 1.233% |
| 7 | 7.951 | 1021 | 1031 | 1036 | rBV2 | 201416 | 477460 | 35.91% | 5.089% |
| 8 | 8.016 | 1036 | 1042 | 1050 | rVV | 383756 | 893443 | 67.20% | 9.524% |
| 9 | 8.104 | 1050 | 1057 | 1068 | rVB2 | 73106 | 181058 | 13.62% | 1.930% |
| 10 | 8.369 | 1093 | 1102 | 1115 | rBV | 205502 | 478167 | 35.97% | 5.097% |
| 11 | 8.545 | 1123 | 1132 | 1141 | rBV | 107967 | 260015 | 19.56% | 2.772% |
| 12 | 8.904 | 1183 | 1193 | 1211 | rVB | 517238 | 1107882 | 83.33% | 11.809% |
| 13 | 9.363 | 1263 | 1271 | 1273 | rBV5 | 9563 | 19539 | 1.47% | 0.208% |
| 14 | 9.392 | 1273 | 1276 | 1281 | rVV2 | 10466 | 19149 | 1.44% | 0.204% |
| 15 | 9.451 | 1281 | 1286 | 1291 | rVV3 | 8098 | 15468 | 1.16% | 0.165% |
| 16 | 9.522 | 1293 | 1298 | 1307 | rVB2 | 13003 | 26861 | 2.02% | 0.286% |
| 17 | 9.816 | 1340 | 1348 | 1359 | rVB | 113727 | 230110 | 17.31% | 2.453% |
| 18 | 9.945 | 1359 | 1370 | 1379 | rBV | 181366 | 376594 | 28.33% | 4.014% |
| 19 | 10.133 | 1395 | 1402 | 1411 | rBV4 | 8414 | 19411 | 1.46% | 0.207% |
| 20 | 10.304 | 1424 | 1431 | 1436 | rBV2 | 19939 | 36361 | 2.73% | 0.388% |
| 21 | 10.374 | 1436 | 1443 | 1460 | rVB | 715149 | 1329498 | 100.00% | 14.172% |
| 22 | 10.574 | 1468 | 1477 | 1483 | rVB5 | 19890 | 46812 | 3.52% | 0.499% |
| 23 | 10.651 | 1485 | 1490 | 1496 | rVB3 | 17795 | 30331 | 2.28% | 0.323% |
| 24 | 10.804 | 1512 | 1516 | 1526 | rVB10 | 12599 | 35110 | 2.64% | 0.374% |
| 25 | 11.680 | 1657 | 1665 | 1676 | rBV | 730381 | 1282112 | 96.44% | 13.666% |
| 26 | 12.668 | 1824 | 1833 | 1844 | rBV | 572175 | 968348 | 72.84% | 10.322% |
| 27 | 13.610 | 1985 | 1993 | 2001 | rBV | 697590 | 1146199 | 86.21% | 12.218% |

Sum of corrected areas: 9381440

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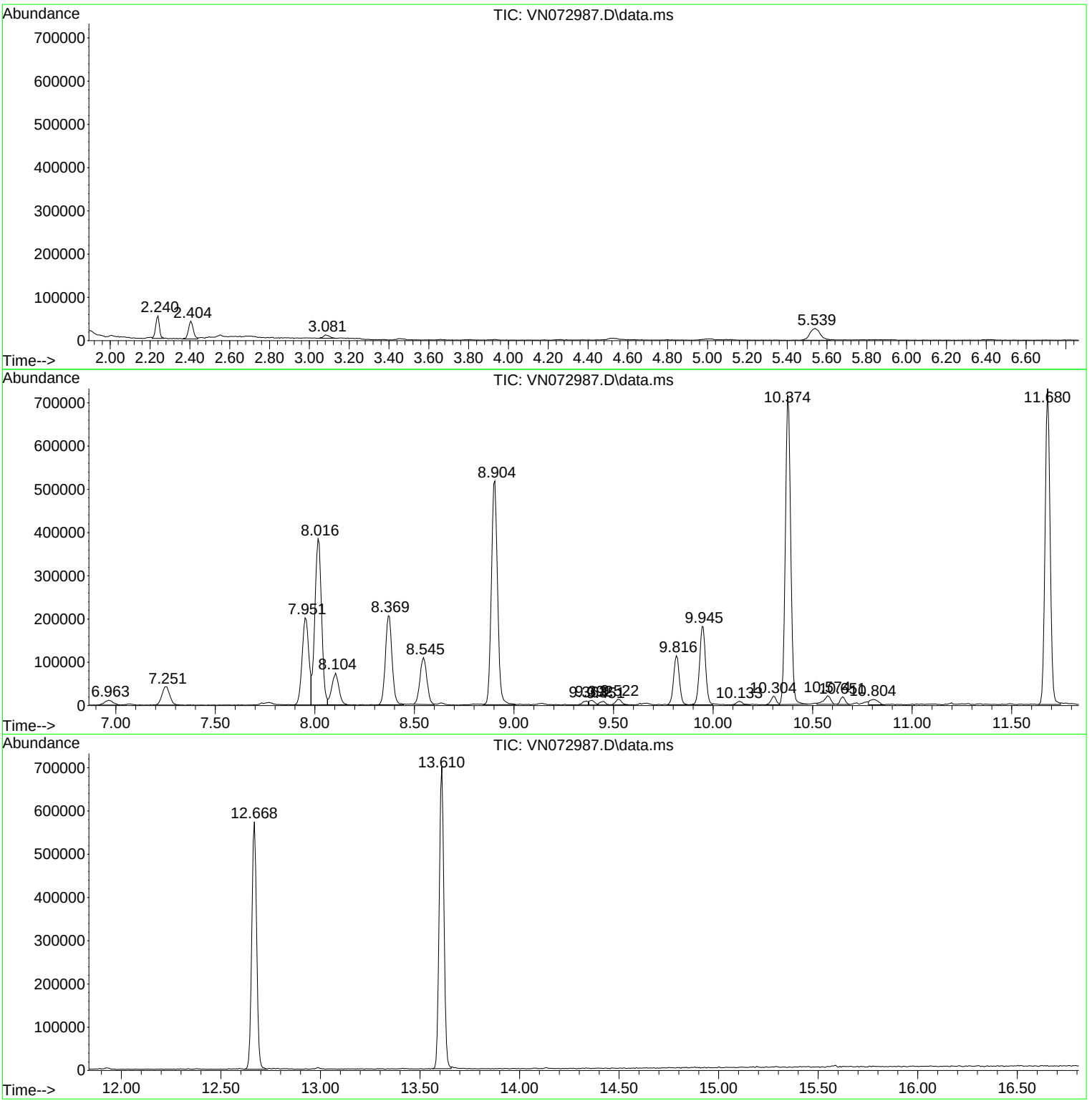
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
TOLL-MW-10

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
Quant Title : SW846 8260

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



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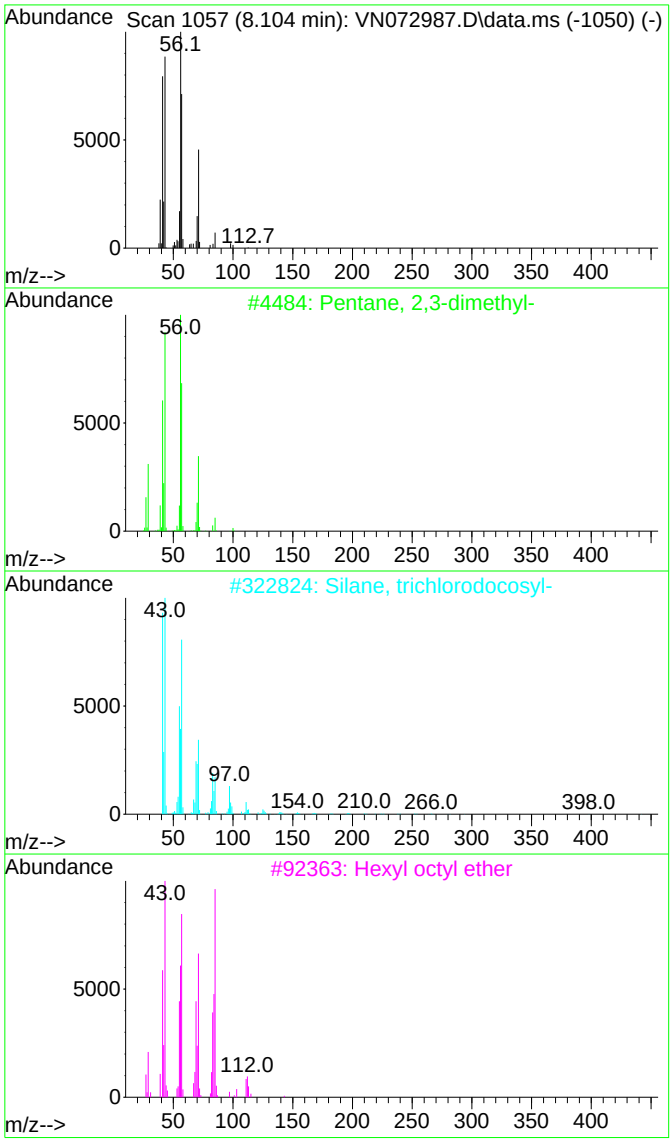
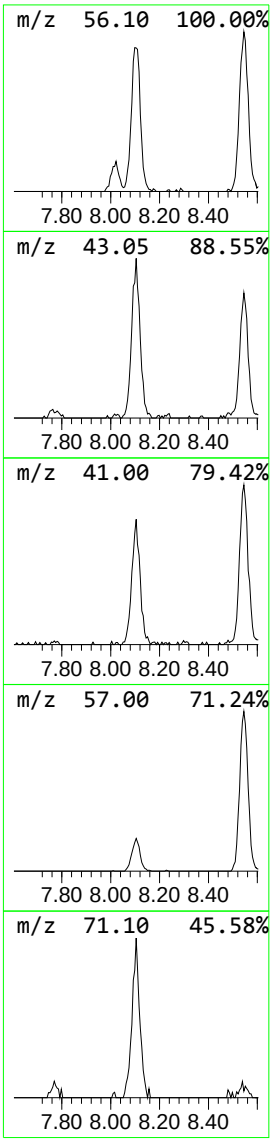
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Pentane, 2,3-dimethyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.104 | 10.13 ug/l | 181058 | Pentafluorobenzene | 8.022 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentane, 2,3-dimethyl- | 100 | C7H16 | 000565-59-3 | 91 |
| 2 | Silane, trichlorodocosyl- | 442 | C22H45Cl3Si | 007325-84-0 | 47 |
| 3 | Hexyl octyl ether | 214 | C14H30O | 017071-54-4 | 43 |
| 4 | Aziridine, 2-methyl- | 57 | C3H7N | 000075-55-8 | 43 |
| 5 | Heptane, 2,2-dimethyl- | 128 | C9H20 | 001071-26-7 | 42 |



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Operator : JC\MD
Sample : N3379-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
TOLL-MW-10

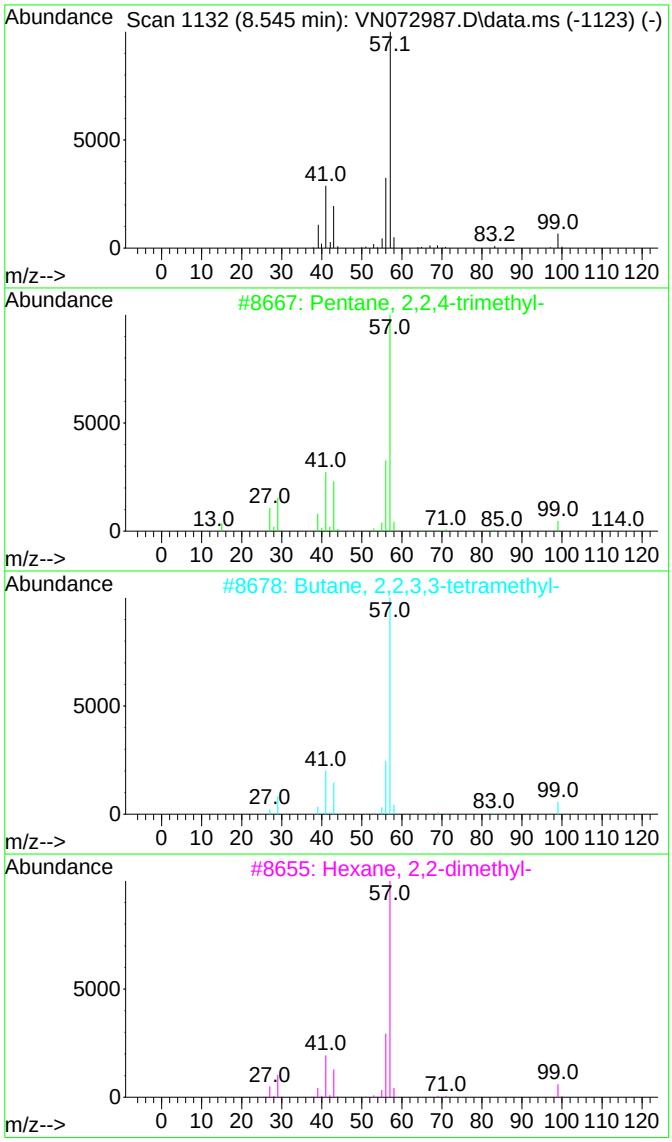
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
Quant Title : SW846 8260

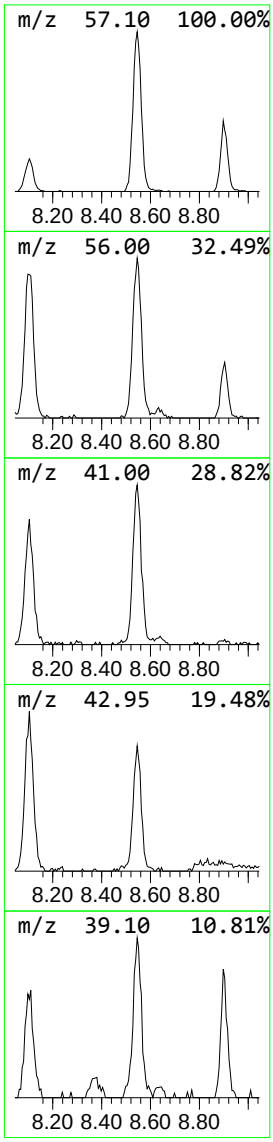
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.545 | 11.73 ug/l | 260015 | 1,4-Difluorobenzene | 8.904 |

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



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Operator : JC\MD
Sample : N3379-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
TOLL-MW-10

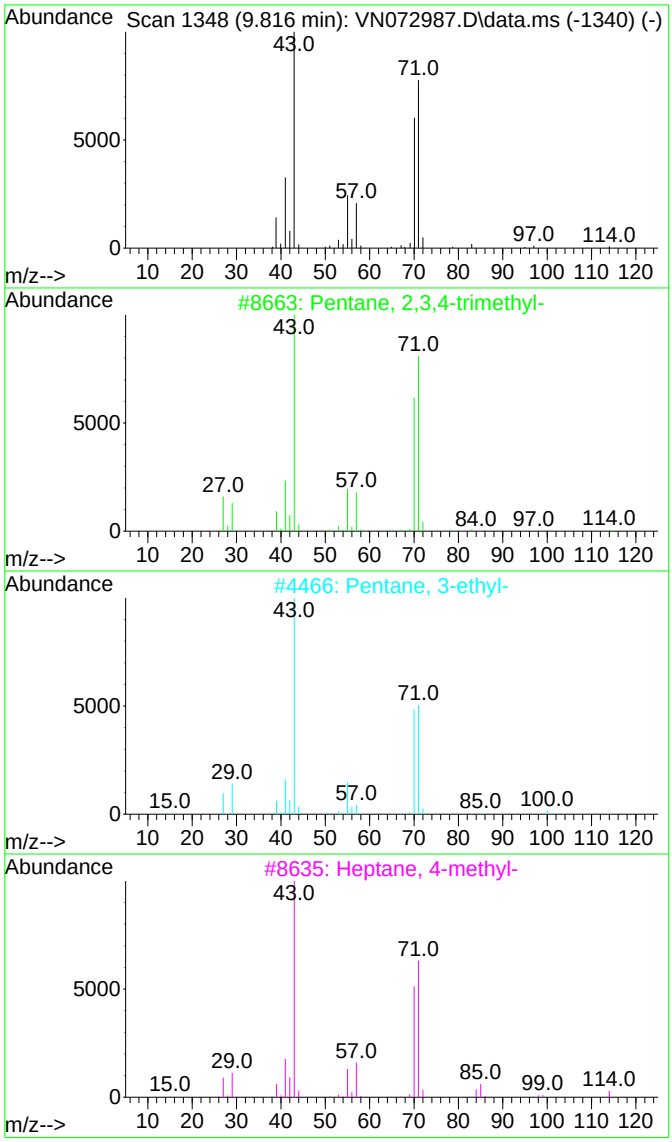
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
Quant Title : SW846 8260

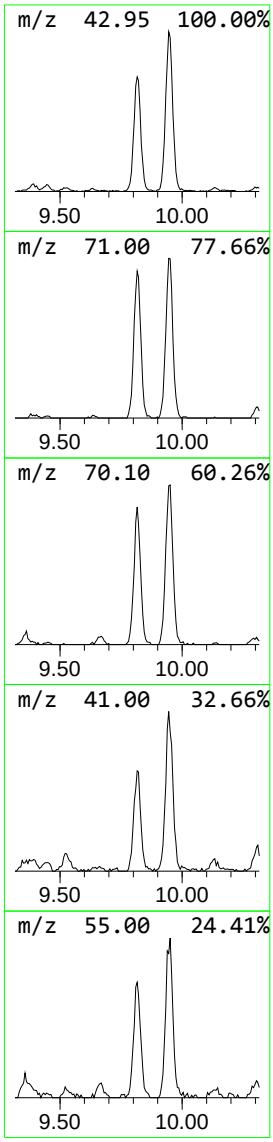
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.816 | 10.39 ug/l | 230110 | 1,4-Difluorobenzene | 8.904 |

| 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 | Heptane, 4-methyl- | 114 | C8H18 | 000589-53-7 | 83 |
| 4 | Hexane, 3,3,4-trimethyl- | 128 | C9H20 | 016747-31-2 | 74 |
| 5 | Diisoamyl ether | 158 | C10H22O | 000544-01-4 | 64 |



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ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
TOLL-MW-10

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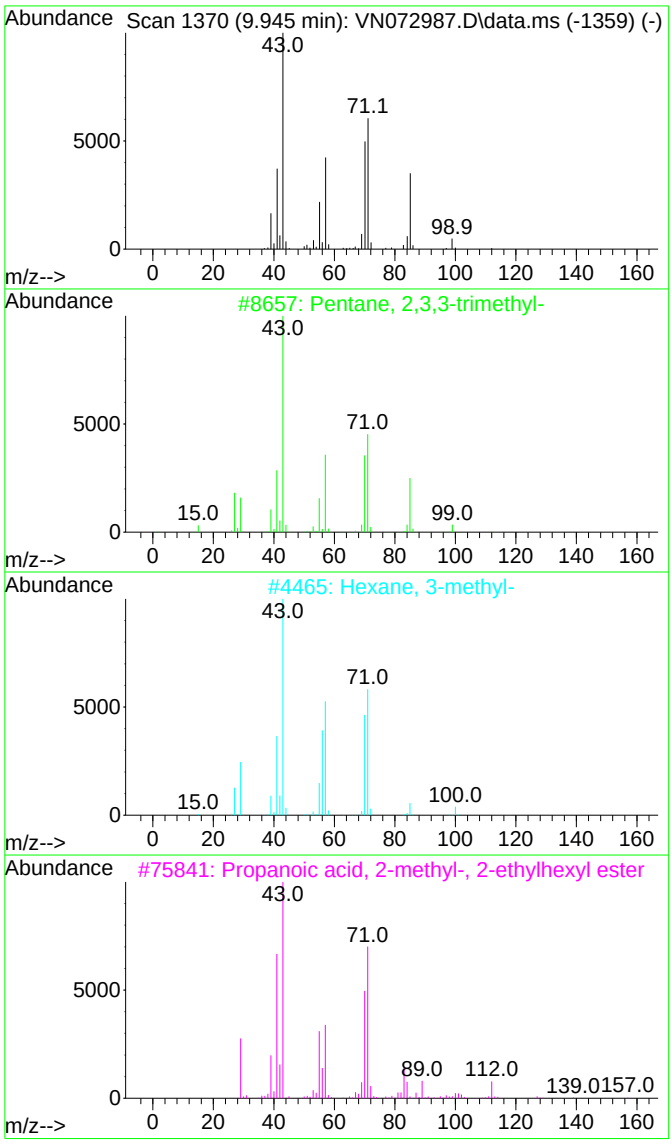
Quant Title : SW846 8260

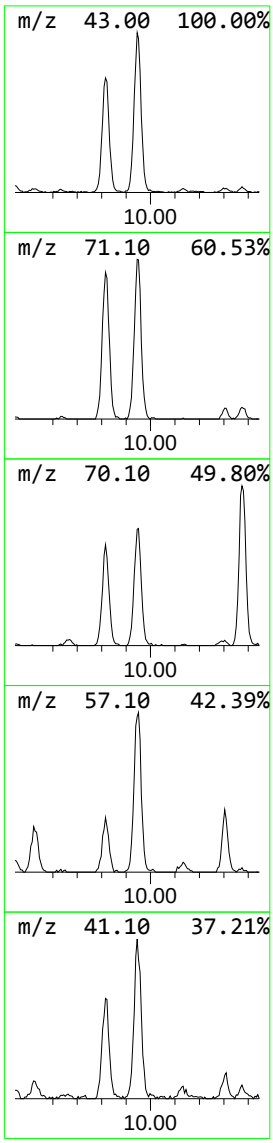
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 Pentane, 2,3,3-trimethyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.945 | 17.00 ug/l | 376594 | 1,4-Difluorobenzene | 8.904 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentane, 2,3,3-trimethyl- | 114 | C8H18 | 000560-21-4 | 90 |
| 2 | Hexane, 3-methyl- | 100 | C7H16 | 000589-34-4 | 64 |
| 3 | Propanoic acid, 2-methyl-, 2-eth... | 200 | C12H24O2 | 035061-61-1 | 64 |
| 4 | Decane, 3,3,4-trimethyl- | 184 | C13H28 | 049622-18-6 | 59 |
| 5 | Hexane, 3,3-dimethyl- | 114 | C8H18 | 000563-16-6 | 59 |



Tentatively Identified Compound (LSC) summary

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Misc : 5.0mL/MSVOA_N/WATER
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
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| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Pentane, 2,3-di... | 8.104 | 10.1 | ug/l | 181058 | 1 | 8.022 | 893443 | 50.0 |
| Pentane, 2,2,4-... | 8.545 | 11.7 | ug/l | 260015 | 2 | 8.904 | 1107880 | 50.0 |
| Pentane, 2,3,4-... | 9.816 | 10.4 | ug/l | 230110 | 2 | 8.904 | 1107880 | 50.0 |
| Pentane, 2,3,3-... | 9.945 | 17.0 | ug/l | 376594 | 2 | 8.904 | 1107880 | 50.0 |