LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
Data File : VN083969.D
Acq On : 18 Sep 2024 07:56
Operator : JC\MD
Sample : P3964-08
Misc : 2.91g/10mL/100uL/5.00ml/MSVOA_N/MEOH
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
FDF-5

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\82N091024W.M
Title : SW846 8260

Signal : TIC: VN083969.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 8.218 | 1059 | 1065 | 1075 | rVB2 | 343271 | 770611 | 2.12% | 0.305% |
| 2 | 8.577 | 1116 | 1126 | 1135 | rBV | 167100 | 375158 | 1.03% | 0.148% |
| 3 | 8.753 | 1139 | 1156 | 1168 | rBV | 653660 | 1596355 | 4.39% | 0.632% |
| 4 | 9.094 | 1206 | 1214 | 1222 | rBV | 427965 | 894632 | 2.46% | 0.354% |
| 5 | 9.582 | 1283 | 1297 | 1302 | rBV | 435677 | 907986 | 2.50% | 0.359% |
| 6 | 9.641 | 1302 | 1307 | 1314 | rVB | 311752 | 604233 | 1.66% | 0.239% |
| 7 | 10.012 | 1361 | 1370 | 1380 | rBV | 1077868 | 2157583 | 5.93% | 0.854% |
| 8 | 10.141 | 1380 | 1392 | 1398 | rBV | 1524207 | 3114081 | 8.56% | 1.233% |
| 9 | 10.200 | 1398 | 1402 | 1406 | rBV | 313901 | 503415 | 1.38% | 0.199% |
| 10 | 10.335 | 1416 | 1425 | 1438 | rBV | 475454 | 1153621 | 3.17% | 0.457% |
| 11 | 10.494 | 1438 | 1452 | 1458 | rBV | 1876194 | 3486778 | 9.58% | 1.380% |
| 12 | 10.565 | 1458 | 1464 | 1470 | rBV | 680737 | 1247946 | 3.43% | 0.494% |
| 13 | 10.741 | 1487 | 1494 | 1501 | rVB | 655148 | 1191273 | 3.27% | 0.472% |
| 14 | 11.012 | 1530 | 1540 | 1547 | rVV2 | 469698 | 1032539 | 2.84% | 0.409% |
| 15 | 11.171 | 1558 | 1567 | 1574 | rBV | 259480 | 514974 | 1.42% | 0.204% |
| 16 | 11.271 | 1574 | 1584 | 1592 | rBV | 431118 | 911457 | 2.50% | 0.361% |
| 17 | 11.571 | 1630 | 1635 | 1639 | rBV | 229016 | 383200 | 1.05% | 0.152% |
| 18 | 11.641 | 1639 | 1647 | 1659 | rVB2 | 1028908 | 2336908 | 6.42% | 0.925% |
| 19 | 11.741 | 1659 | 1664 | 1674 | rBV | 803394 | 1388679 | 3.82% | 0.550% |
| 20 | 11.859 | 1674 | 1684 | 1689 | rBV3 | 900916 | 2528161 | 6.95% | 1.001% |
| 21 | 11.929 | 1689 | 1696 | 1697 | rVV | 522716 | 1001459 | 2.75% | 0.396% |
| 22 | 11.959 | 1697 | 1701 | 1708 | rVV | 2384783 | 4105746 | 11.28% | 1.625% |
| 23 | 12.065 | 1711 | 1719 | 1731 | rVB | 14189269 | 27734231 | 76.21% | 10.977% |
| 24 | 12.300 | 1748 | 1759 | 1764 | rBV3 | 328095 | 717955 | 1.97% | 0.284% |
| 25 | 12.394 | 1766 | 1775 | 1782 | rVV | 6992979 | 12242269 | 33.64% | 4.846% |
| 26 | 12.476 | 1784 | 1789 | 1795 | rVB | 385200 | 715079 | 1.97% | 0.283% |
| 27 | 12.694 | 1820 | 1826 | 1831 | rBV | 1886667 | 3217054 | 8.84% | 1.273% |
| 28 | 12.823 | 1841 | 1848 | 1855 | rVV2 | 1742067 | 3223660 | 8.86% | 1.276% |
| 29 | 12.876 | 1855 | 1857 | 1861 | rVB | 416356 | 479614 | 1.32% | 0.190% |
| 30 | 12.929 | 1861 | 1866 | 1871 | rVB4 | 276566 | 508695 | 1.40% | 0.201% |
| 31 | 12.988 | 1871 | 1876 | 1879 | rBV | 592996 | 1078746 | 2.96% | 0.427% |
| 32 | 13.035 | 1879 | 1884 | 1889 | rVV | 3355170 | 5058146 | 13.90% | 2.002% |
| 33 | 13.100 | 1889 | 1895 | 1898 | rVV | 13430722 | 22970875 | 63.12% | 9.092% |
| 34 | 13.129 | 1898 | 1900 | 1903 | rVV | 5886409 | 7927956 | 21.79% | 3.138% |
| 35 | 13.170 | 1903 | 1907 | 1915 | rVB | 7447532 | 12986744 | 35.69% | 5.140% |
| 36 | 13.335 | 1926 | 1935 | 1942 | rBV | 5221408 | 8991245 | 24.71% | 3.559% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
Data File : VN083969.D
Acq On : 18 Sep 2024 07:56
Operator : JC\MD
Sample : P3964-08
Misc : 2.91g/10mL/100uL/5.00ml/MSVOA_N/MEOH
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
FDF-5

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\82N091024W.M
Title : SW846 8260

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 13.423 | 1942 | 1950 | 1954 | rBV | 1391062 | 2443946 | 6.72% | 0.967% |
| 38 | 13.482 | 1954 | 1960 | 1966 | rBV | 23358527 | 36390655 | 100.00% | 14.404% |
| 39 | 13.529 | 1966 | 1968 | 1974 | rVB | 619178 | 858169 | 2.36% | 0.340% |
| 40 | 13.641 | 1974 | 1987 | 1991 | rBV3 | 1706347 | 4809508 | 13.22% | 1.904% |
| 41 | 13.823 | 2008 | 2018 | 2030 | rVB2 | 5690011 | 14309074 | 39.32% | 5.664% |
| 42 | 13.953 | 2034 | 2040 | 2041 | rBV2 | 1095953 | 1691692 | 4.65% | 0.670% |
| 43 | 13.988 | 2041 | 2046 | 2049 | rBV2 | 3835762 | 7526637 | 20.68% | 2.979% |
| 44 | 14.106 | 2062 | 2066 | 2073 | rVV3 | 442123 | 776041 | 2.13% | 0.307% |
| 45 | 14.182 | 2074 | 2079 | 2084 | rVB | 1214896 | 2030572 | 5.58% | 0.804% |
| 46 | 14.241 | 2084 | 2089 | 2092 | rBV | 1906939 | 3238672 | 8.90% | 1.282% |
| 47 | 14.270 | 2092 | 2094 | 2099 | rVV | 1741671 | 2204211 | 6.06% | 0.872% |
| 48 | 14.329 | 2099 | 2104 | 2112 | rVB | 3406699 | 5380127 | 14.78% | 2.129% |
| 49 | 14.441 | 2117 | 2123 | 2128 | rVB3 | 817196 | 1411633 | 3.88% | 0.559% |
| 50 | 14.570 | 2140 | 2145 | 2151 | rVB | 720426 | 1152164 | 3.17% | 0.456% |
| 51 | 14.653 | 2151 | 2159 | 2162 | rBV | 2107794 | 3644758 | 10.02% | 1.443% |
| 52 | 14.688 | 2162 | 2165 | 2170 | rVV | 2544461 | 3862011 | 10.61% | 1.529% |
| 53 | 14.735 | 2170 | 2173 | 2177 | rVB2 | 930507 | 1283299 | 3.53% | 0.508% |
| 54 | 14.806 | 2182 | 2185 | 2192 | rVB | 383635 | 582475 | 1.60% | 0.231% |
| 55 | 14.876 | 2192 | 2197 | 2200 | rBV2 | 376005 | 507572 | 1.39% | 0.201% |
| 56 | 14.923 | 2200 | 2205 | 2209 | rBV | 1084149 | 1987795 | 5.46% | 0.787% |
| 57 | 15.029 | 2216 | 2223 | 2224 | rBV3 | 1616860 | 2986588 | 8.21% | 1.182% |
| 58 | 15.094 | 2232 | 2234 | 2243 | rVB2 | 404029 | 749108 | 2.06% | 0.297% |
| 59 | 15.211 | 2249 | 2254 | 2261 | rVB4 | 201963 | 436661 | 1.20% | 0.173% |
| 60 | 15.317 | 2262 | 2272 | 2284 | rVV3 | 673003 | 1937780 | 5.32% | 0.767% |
| 61 | 15.429 | 2286 | 2291 | 2300 | rVB3 | 416285 | 1006498 | 2.77% | 0.398% |
| 62 | 15.635 | 2313 | 2326 | 2334 | rBV | 1749231 | 3885027 | 10.68% | 1.538% |
| 63 | 15.747 | 2339 | 2345 | 2349 | rVV2 | 224483 | 448418 | 1.23% | 0.177% |
| 64 | 15.823 | 2350 | 2358 | 2370 | rVB2 | 417665 | 1314932 | 3.61% | 0.520% |
| 65 | 15.941 | 2370 | 2378 | 2386 | rBV | 339633 | 839870 | 2.31% | 0.332% |
| 66 | 16.253 | 2426 | 2431 | 2437 | rVV3 | 172247 | 375664 | 1.03% | 0.149% |
| 67 | 16.335 | 2439 | 2445 | 2452 | rVB3 | 264899 | 623124 | 1.71% | 0.247% |
| 68 | 16.776 | 2513 | 2520 | 2522 | rBV | 1052152 | 1894852 | 5.21% | 0.750% |

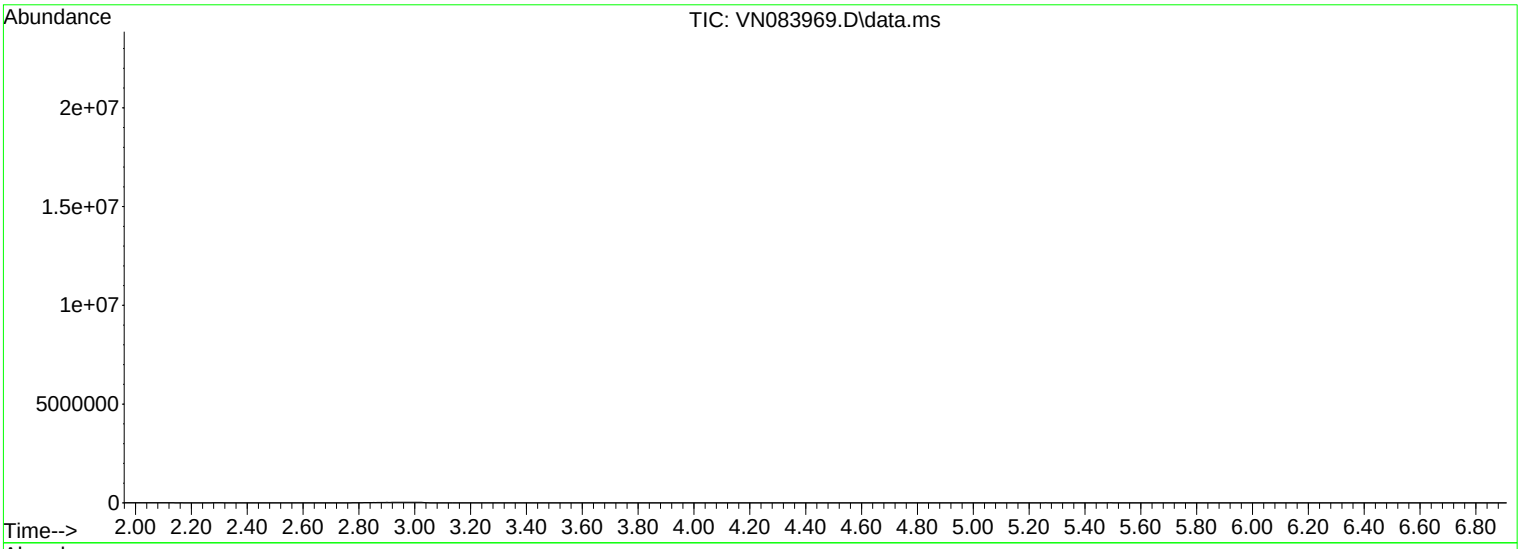
Sum of corrected areas: 252648597

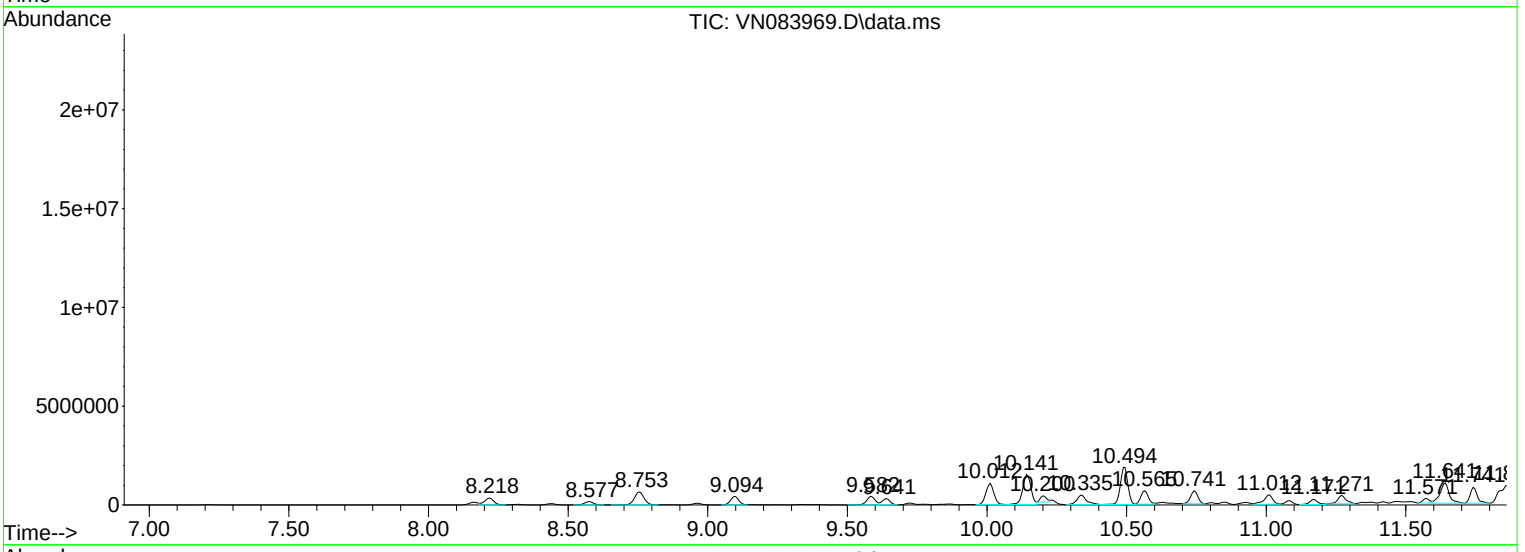
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
Data File : VN083969.D
Acq On : 18 Sep 2024 07:56
Operator : JC\MD
Sample : P3964-08
Misc : 2.91g/10mL/100uL/5.00ml/MSVOA_N/MEOH
ALS Vial : 45 Sample Multiplier: 1

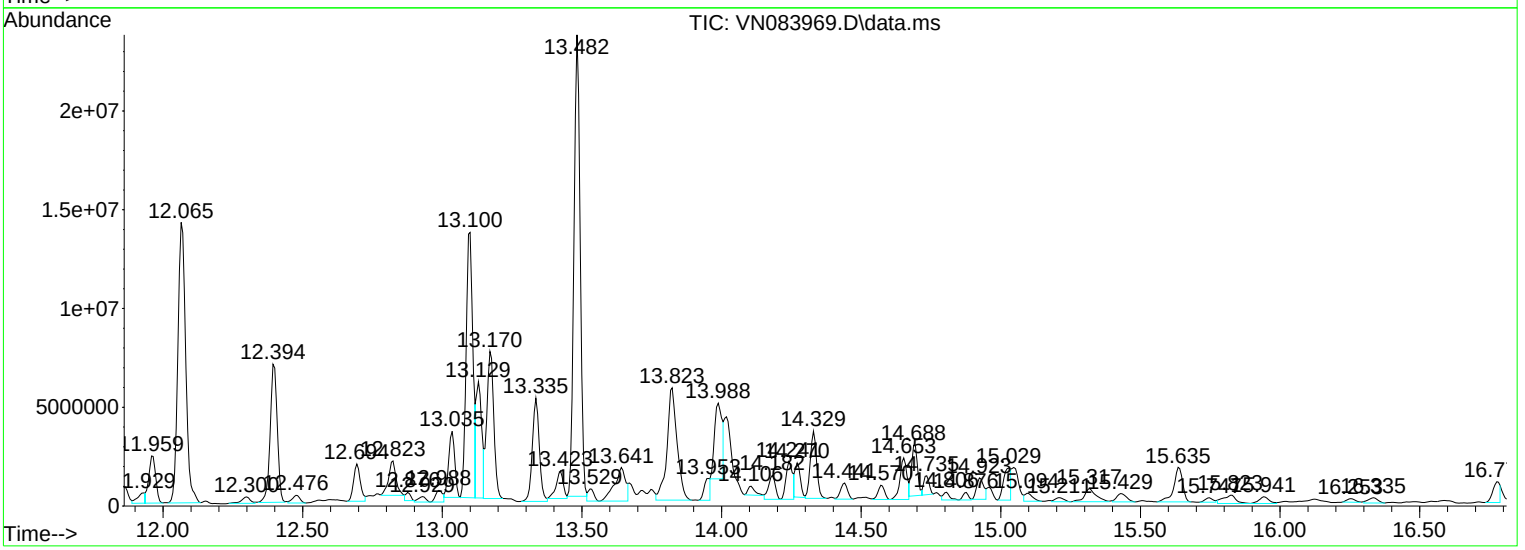
**Instrument :**
MSVOA_N
**ClientSampleId :**
FDF-5

Quant Title :

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
Data File : VN083969.D
Acq On : 18 Sep 2024 07:56
Operator : JC\MD
Sample : P3964-08
Misc : 2.91g/10mL/100uL/5.00ml/MSVOA_N/MEOH
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
FDF-5

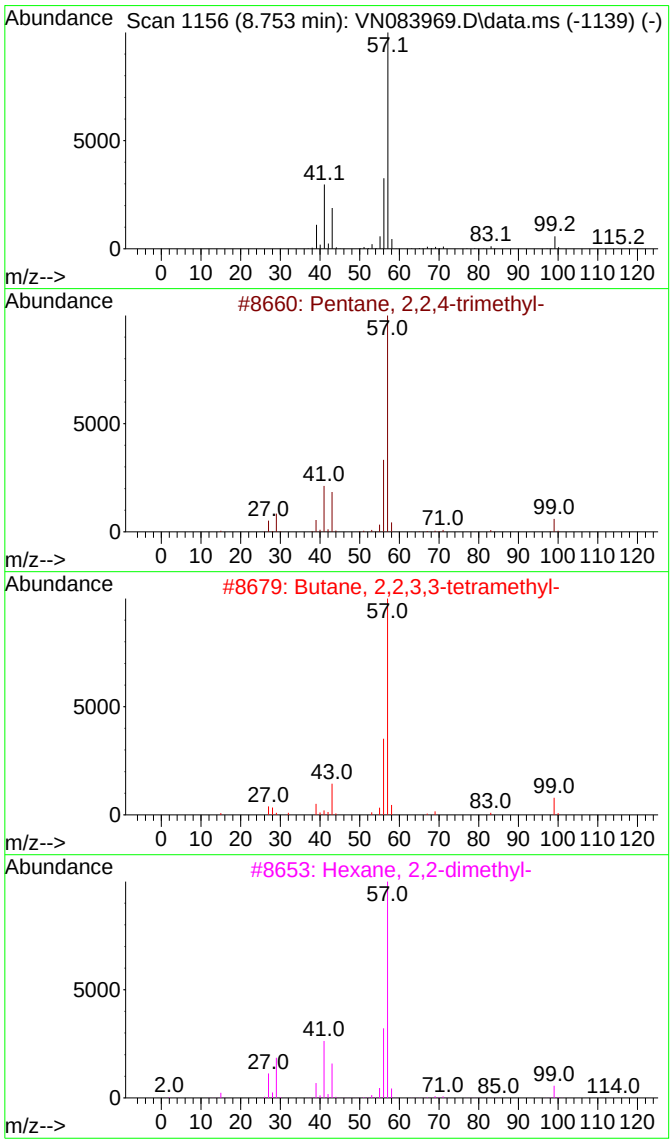
Quant Title :

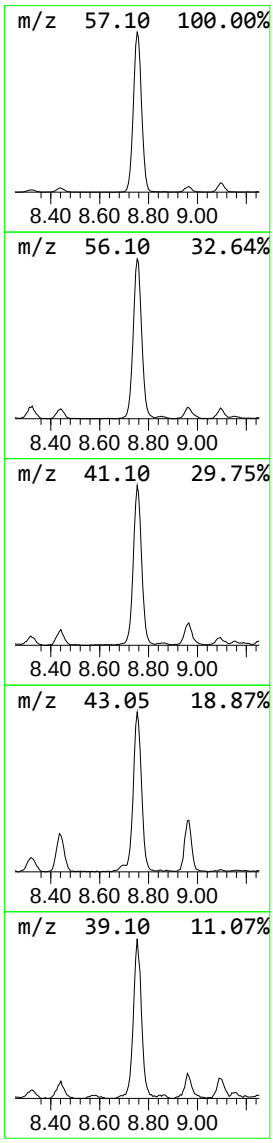
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.753 | 89.22 ug/l | 1596360 | 1,4-Difluorobenzene | 9.094 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentane, 2,2,4-trimethyl- | 114 | C8H18 | 000540-84-1 | 83 |
| 2 | Butane, 2,2,3,3-tetramethyl- | 114 | C8H18 | 000594-82-1 | 83 |
| 3 | Hexane, 2,2-dimethyl- | 114 | C8H18 | 000590-73-8 | 72 |
| 4 | Pentane, 2,2,4,4-tetramethyl- | 128 | C9H20 | 001070-87-7 | 64 |
| 5 | Heptane, 2,2,4,6,6-pentamethyl- | 170 | C12H26 | 013475-82-6 | 50 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
Data File : VN083969.D
Acq On : 18 Sep 2024 07:56
Operator : JC\MD
Sample : P3964-08
Misc : 2.91g/10mL/100uL/5.00ml/MSVOA_N/MEOH
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
FDF-5

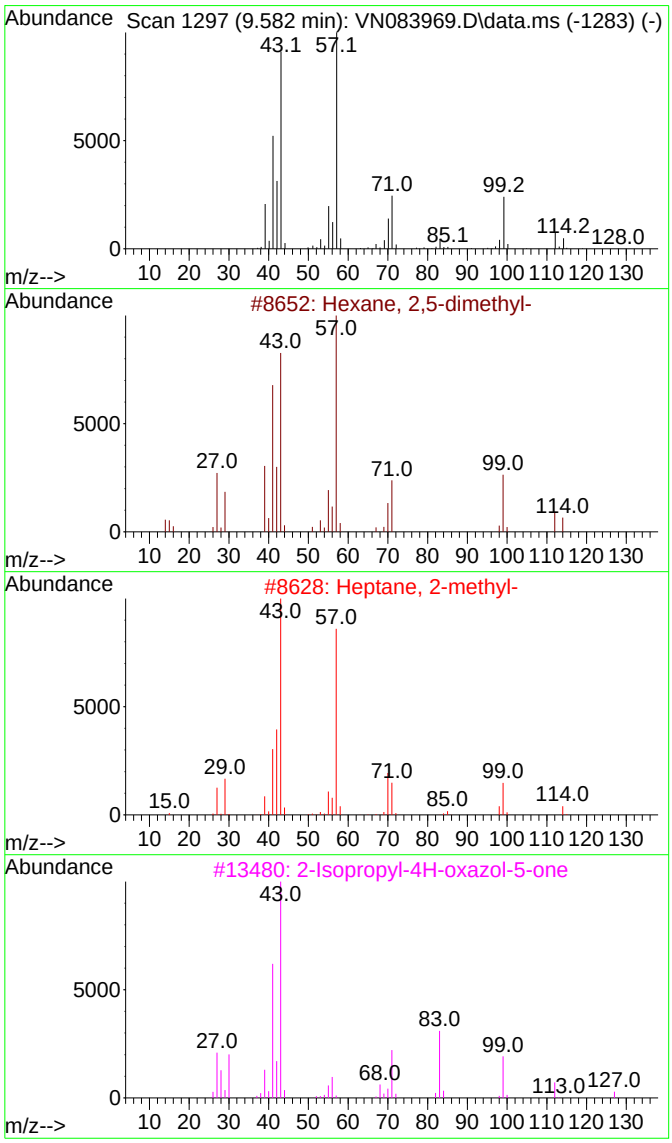
Quant Title :

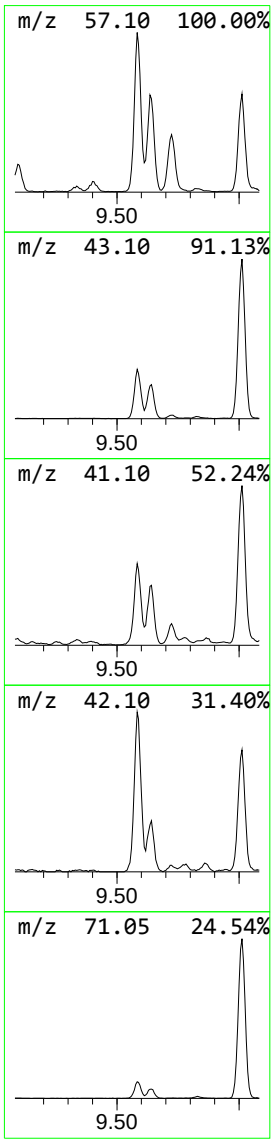
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Hexane, 2,5-dimethyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.582 | 50.75 ug/l | 907986 | 1,4-Difluorobenzene | 9.094 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexane, 2,5-dimethyl- | 114 | C8H18 | 000592-13-2 | 97 |
| 2 | Heptane, 2-methyl- | 114 | C8H18 | 000592-27-8 | 59 |
| 3 | 2-Isopropyl-4H-oxazol-5-one | 127 | C6H9NO2 | 1000190-01-9 | 50 |
| 4 | 1-Pyrrolidinecarboxaldehyde | 99 | C5H9NO | 003760-54-1 | 49 |
| 5 | Octane, 3,5-dimethyl- | 142 | C10H22 | 015869-93-9 | 47 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
Data File : VN083969.D
Acq On : 18 Sep 2024 07:56
Operator : JC\MD
Sample : P3964-08
Misc : 2.91g/10mL/100uL/5.00ml/MSVOA_N/MEOH
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
FDF-5

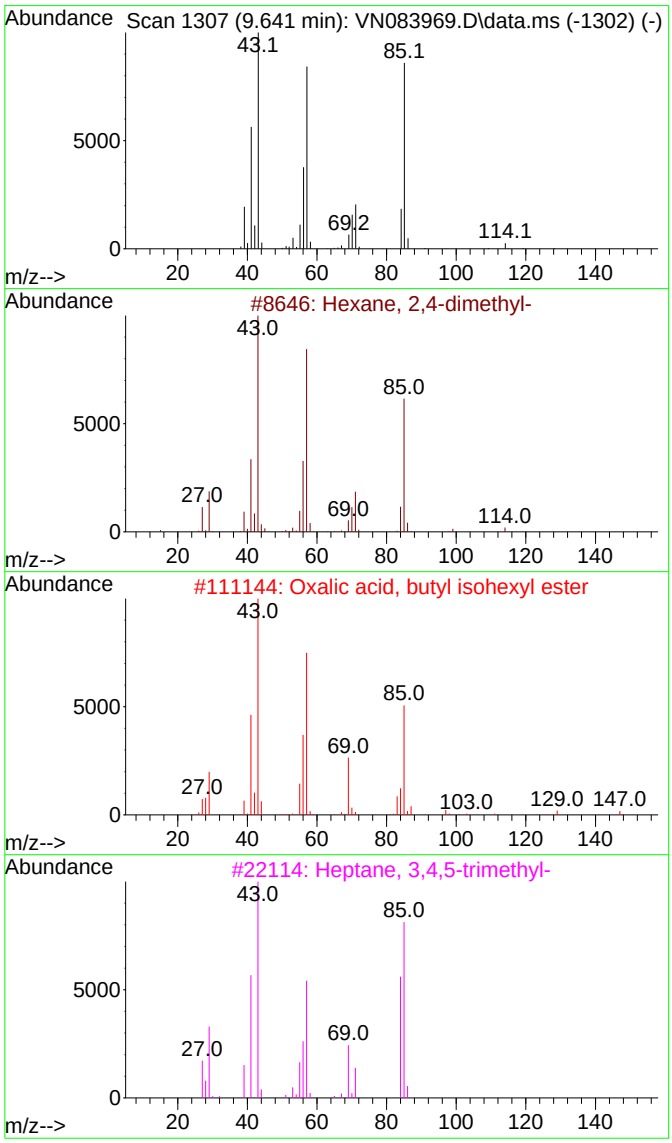
Quant Title :

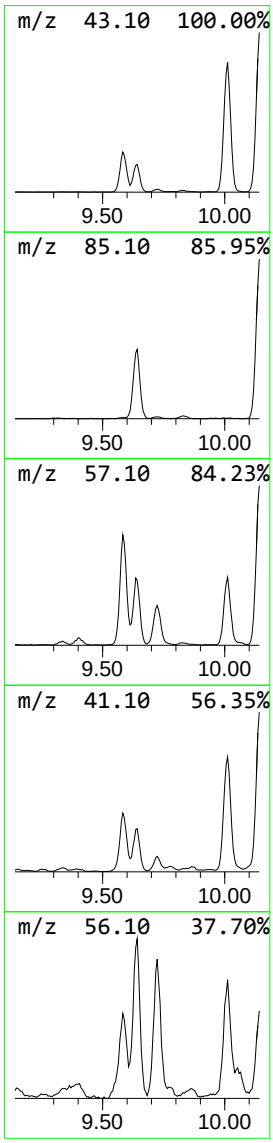
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Hexane, 2,4-dimethyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.641 | 33.77 ug/l | 604233 | 1,4-Difluorobenzene | 9.094 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexane, 2,4-dimethyl- | 114 | C8H18 | 000589-43-5 | 91 |
| 2 | Oxalic acid, butyl isohexyl ester | 230 | C12H22O4 | 1000309-32-7 | 72 |
| 3 | Heptane, 3,4,5-trimethyl- | 142 | C10H22 | 020278-89-1 | 72 |
| 4 | Nonane, 5-methyl- | 142 | C10H22 | 015869-85-9 | 72 |
| 5 | Oxalic acid, diisohexyl ester | 258 | C14H26O4 | 1010309-32-9 | 59 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
Data File : VN083969.D
Acq On : 18 Sep 2024 07:56
Operator : JC\MD
Sample : P3964-08
Misc : 2.91g/10mL/100uL/5.00ml/MSVOA_N/MEOH
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
FDF-5

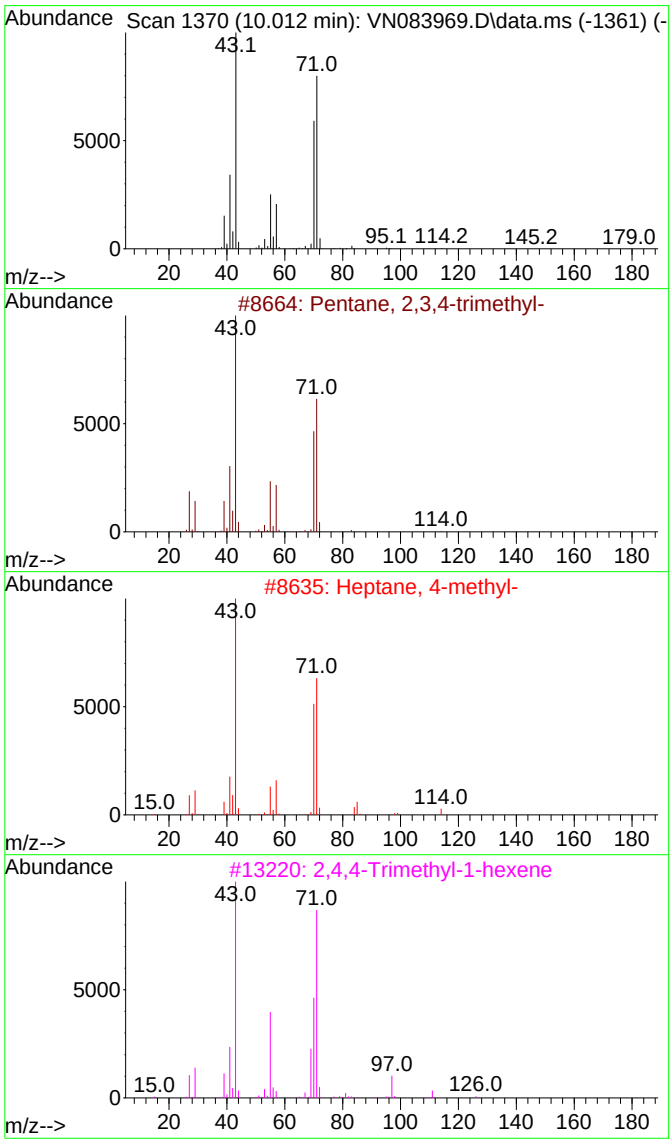
Quant Title :

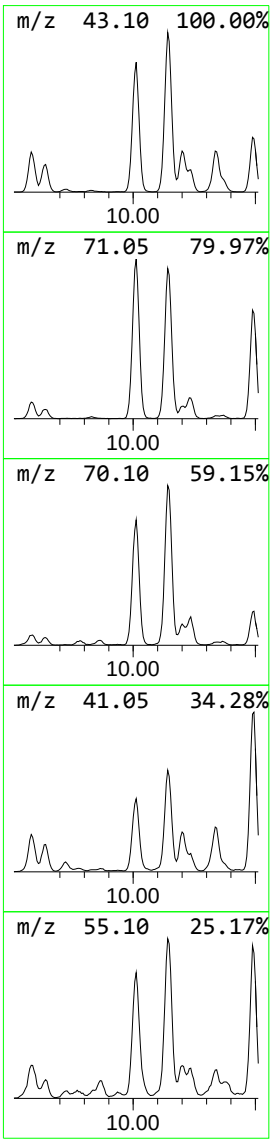
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.012 | 120.58 ug/l | 2157580 | 1,4-Difluorobenzene | 9.094 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentane, 2,3,4-trimethyl- | 114 | C8H18 | 000565-75-3 | 91 |
| 2 | Heptane, 4-methyl- | 114 | C8H18 | 000589-53-7 | 83 |
| 3 | 2,4,4-Trimethyl-1-hexene | 126 | C9H18 | 051174-12-0 | 78 |
| 4 | Hexane, 3-methyl- | 100 | C7H16 | 000589-34-4 | 78 |
| 5 | Pentane, 3-ethyl- | 100 | C7H16 | 000617-78-7 | 74 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
Data File : VN083969.D
Acq On : 18 Sep 2024 07:56
Operator : JC\MD
Sample : P3964-08
Misc : 2.91g/10mL/100uL/5.00ml/MSVOA_N/MEOH
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
FDF-5

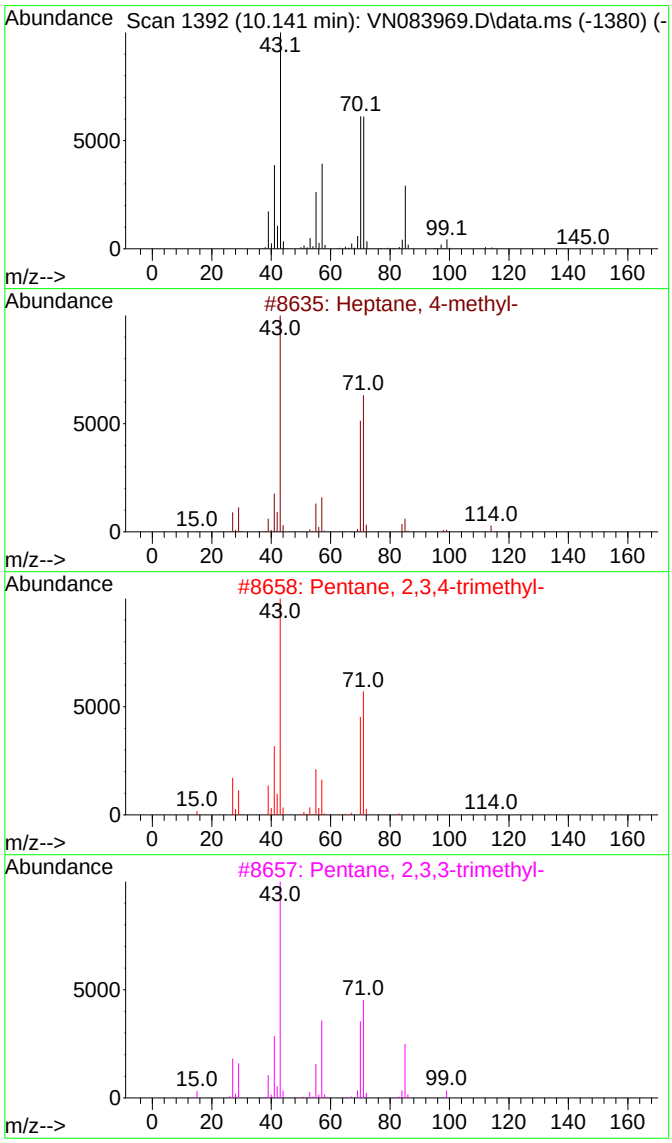
Quant Title :

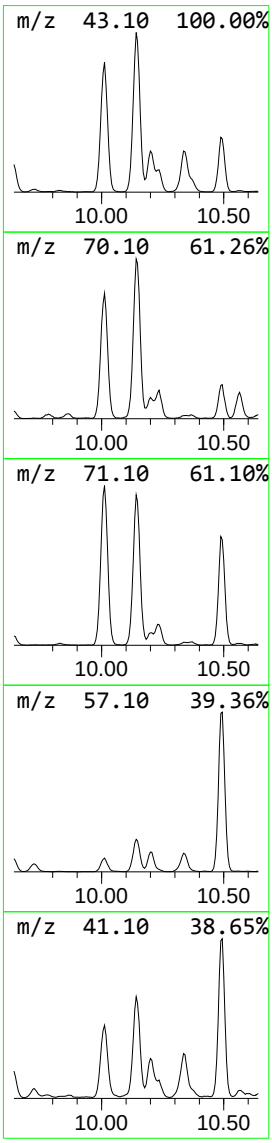
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Heptane, 4-methyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.141 | 174.04 ug/l | 3114080 | 1,4-Difluorobenzene | 9.094 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptane, 4-methyl- | 114 | C8H18 | 000589-53-7 | 72 |
| 2 | Pentane, 2,3,4-trimethyl- | 114 | C8H18 | 000565-75-3 | 72 |
| 3 | Pentane, 2,3,3-trimethyl- | 114 | C8H18 | 000560-21-4 | 72 |
| 4 | Hexane, 3-methyl- | 100 | C7H16 | 000589-34-4 | 72 |
| 5 | Decane, 3,3,4-trimethyl- | 184 | C13H28 | 049622-18-6 | 64 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
Data File : VN083969.D
Acq On : 18 Sep 2024 07:56
Operator : JC\MD
Sample : P3964-08
Misc : 2.91g/10mL/100uL/5.00ml/MSVOA_N/MEOH
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
FDF-5

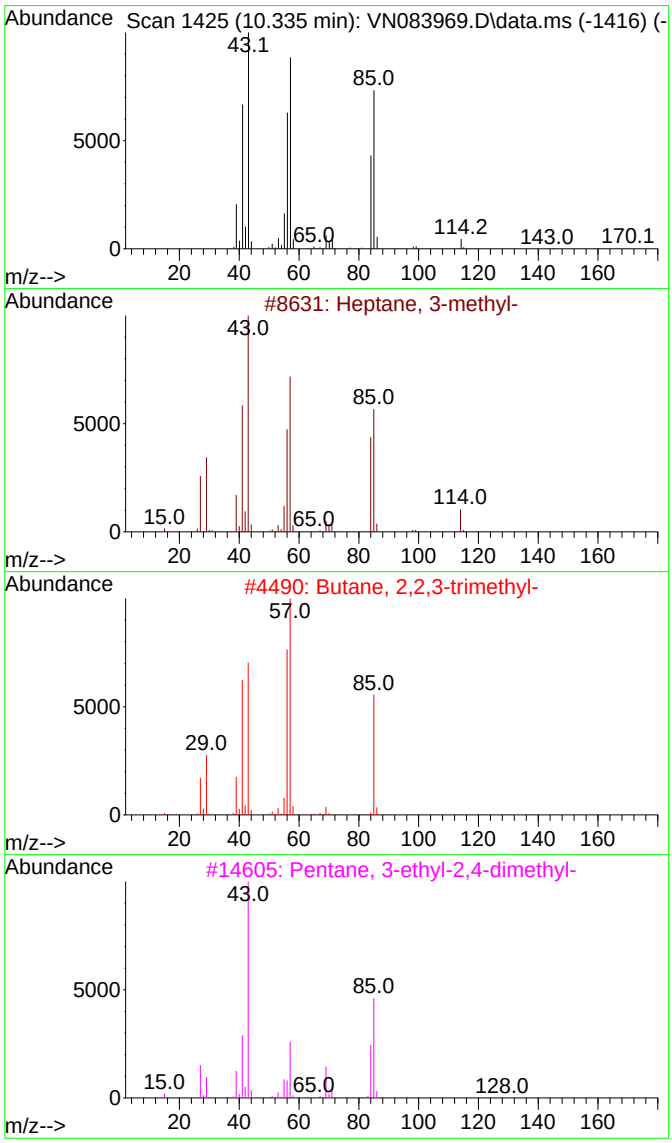
Quant Title :

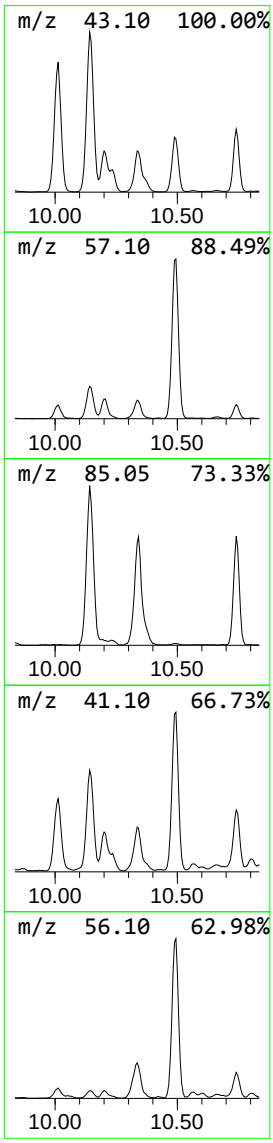
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Heptane, 3-methyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.335 | 64.47 ug/l | 1153620 | 1,4-Difluorobenzene | 9.094 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptane, 3-methyl- | 114 | C8H18 | 000589-81-1 | 90 |
| 2 | Butane, 2,2,3-trimethyl- | 100 | C7H16 | 000464-06-2 | 59 |
| 3 | Pentane, 3-ethyl-2,4-dimethyl- | 128 | C9H20 | 001068-87-7 | 59 |
| 4 | Hexane, 3-ethyl- | 114 | C8H18 | 000619-99-8 | 59 |
| 5 | Hexane, 2,4-dimethyl- | 114 | C8H18 | 000589-43-5 | 58 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
Data File : VN083969.D
Acq On : 18 Sep 2024 07:56
Operator : JC\MD
Sample : P3964-08
Misc : 2.91g/10mL/100uL/5.00ml/MSVOA_N/MEOH
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
FDF-5

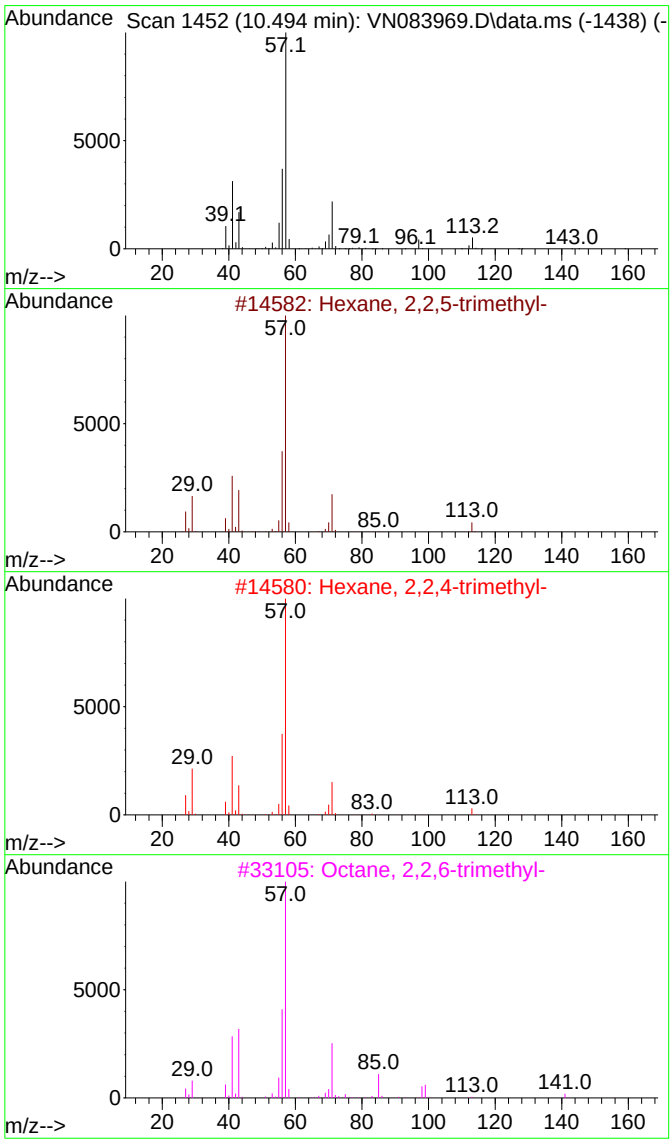
Quant Title :

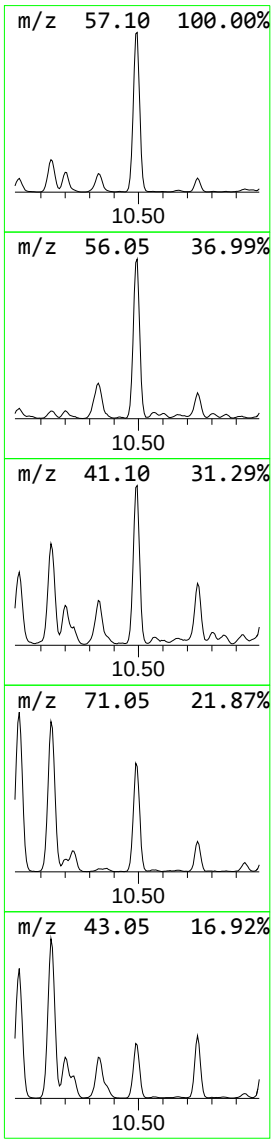
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Hexane, 2,2,5-trimethyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.494 | 68.96 ug/l | 3486780 | Chlorobenzene-d5 | 11.865 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexane, 2,2,5-trimethyl- | 128 | C9H20 | 003522-94-9 | 72 |
| 2 | Hexane, 2,2,4-trimethyl- | 128 | C9H20 | 016747-26-5 | 72 |
| 3 | Octane, 2,2,6-trimethyl- | 156 | C11H24 | 062016-28-8 | 64 |
| 4 | Heptane, 2,2-dimethyl- | 128 | C9H20 | 001071-26-7 | 53 |
| 5 | Hexane, 2,2,5,5-tetramethyl- | 142 | C10H22 | 001071-81-4 | 45 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
Data File : VN083969.D
Acq On : 18 Sep 2024 07:56
Operator : JC\MD
Sample : P3964-08
Misc : 2.91g/10mL/100uL/5.00ml/MSVOA_N/MEOH
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
FDF-5

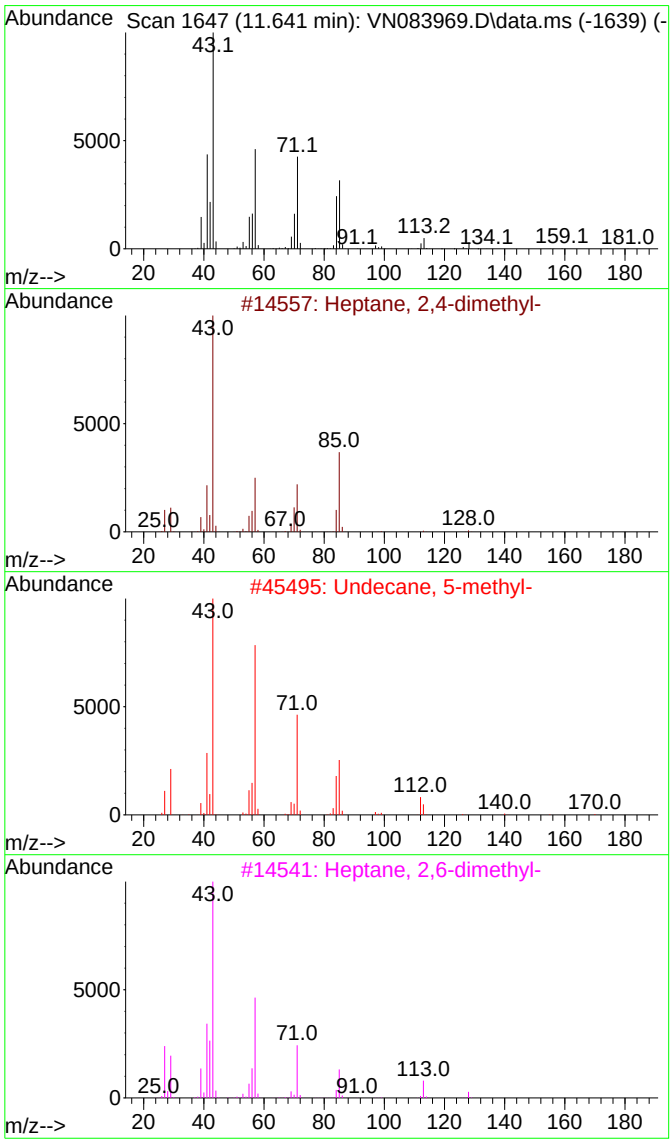
Quant Title :

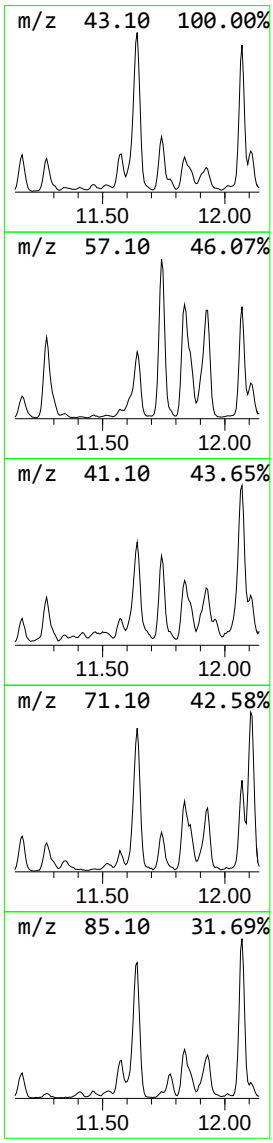
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Heptane, 2,4-dimethyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.641 | 46.22 ug/l | 2336910 | Chlorobenzene-d5 | 11.865 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptane, 2,4-dimethyl- | 128 | C9H20 | 002213-23-2 | 64 |
| 2 | Undecane, 5-methyl- | 170 | C12H26 | 001632-70-8 | 59 |
| 3 | Heptane, 2,6-dimethyl- | 128 | C9H20 | 001072-05-5 | 59 |
| 4 | Octane, 2-methyl- | 128 | C9H20 | 003221-61-2 | 58 |
| 5 | Hexane, 3,3-dimethyl- | 114 | C8H18 | 000563-16-6 | 53 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
Data File : VN083969.D
Acq On : 18 Sep 2024 07:56
Operator : JC\MD
Sample : P3964-08
Misc : 2.91g/10mL/100uL/5.00ml/MSVOA_N/MEOH
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
FDF-5

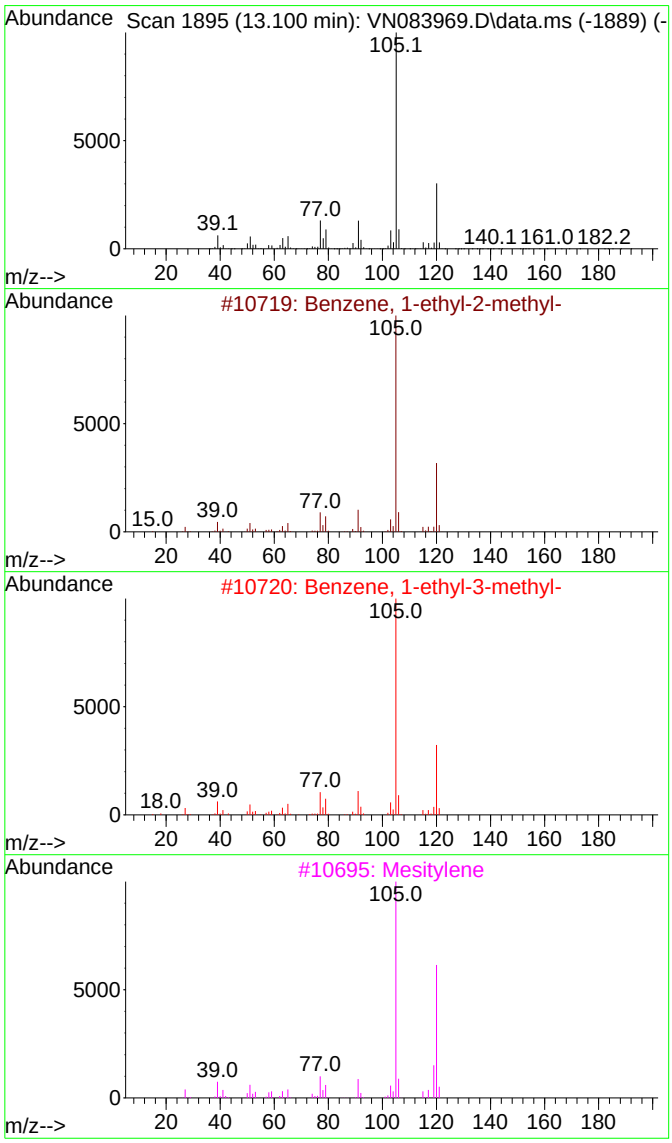
Quant Title :

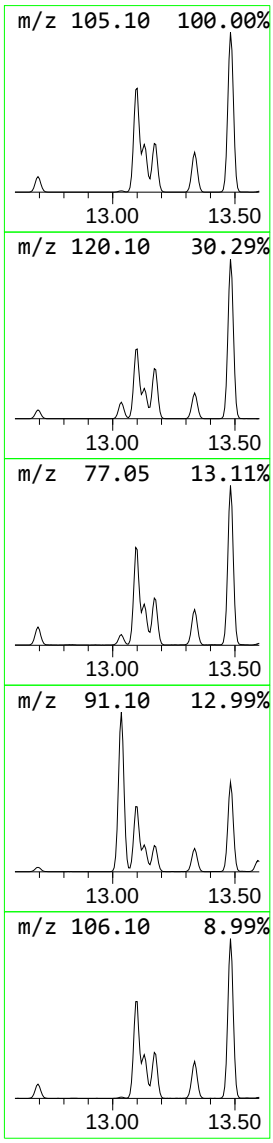
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.100 | 80.27 ug/l | 22970900 | 1,4-Dichlorobenzene-d4 | 13.788 |

| 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 | 94 |
| 3 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |
| 4 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 91 |
| 5 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
Data File : VN083969.D
Acq On : 18 Sep 2024 07:56
Operator : JC\MD
Sample : P3964-08
Misc : 2.91g/10mL/100uL/5.00ml/MSVOA_N/MEOH
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
FDF-5

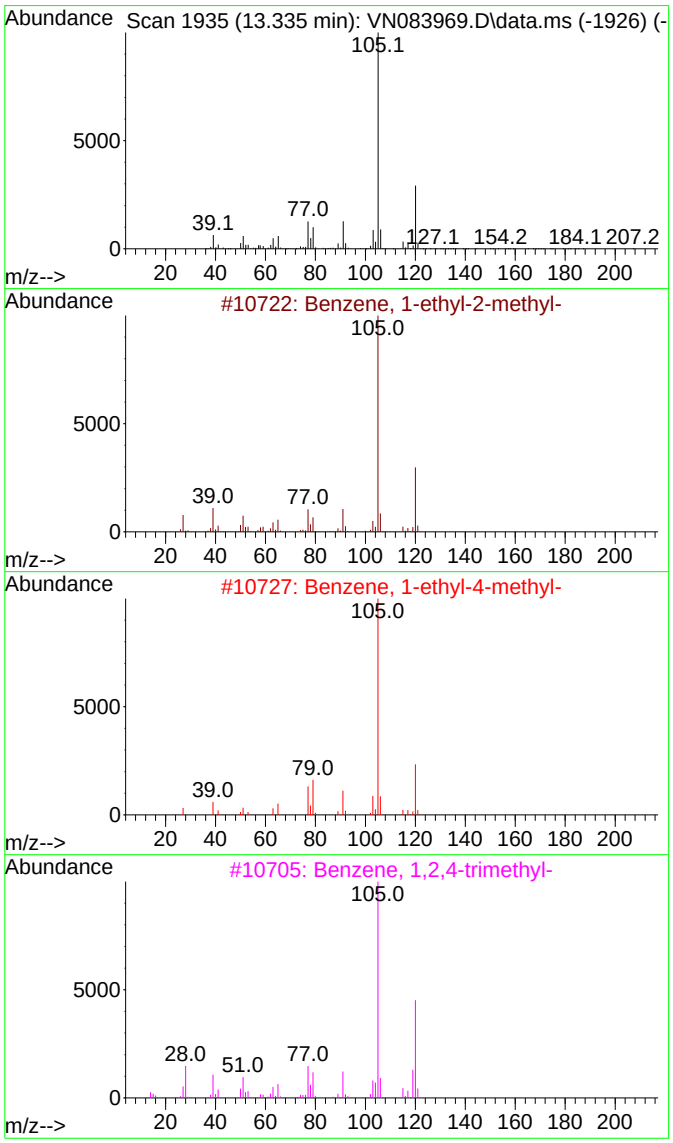
Quant Title :

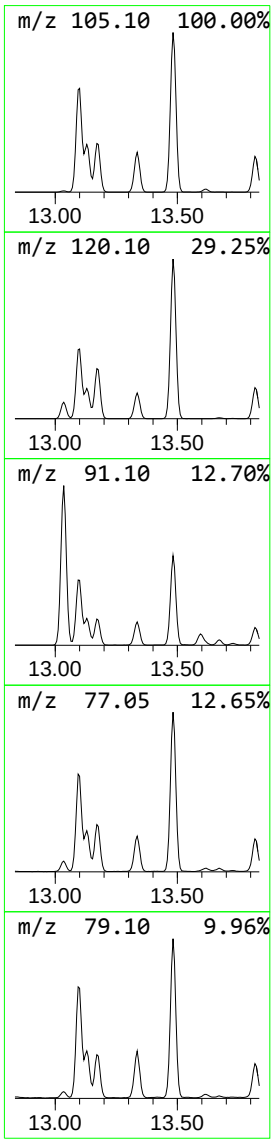
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.335 | 31.42 ug/l | 8991250 | 1,4-Dichlorobenzene-d4 | 13.788 |

| 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-4-methyl- | 120 | C9H12 | 000622-96-8 | 91 |
| 3 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 91 |
| 4 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |
| 5 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 91 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
Data File : VN083969.D
Acq On : 18 Sep 2024 07:56
Operator : JC\MD
Sample : P3964-08
Misc : 2.91g/10mL/100uL/5.00ml/MSVOA_N/MEOH
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
FDF-5

Quant Title :

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

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Pentane, 2,2,4-... | 8.753 | 89.2 | ug/l | 1596360 | 2 | 9.094 | 894632 | 50.0 |
| Hexane, 2,5-dim... | 9.582 | 50.8 | ug/l | 907986 | 2 | 9.094 | 894632 | 50.0 |
| Hexane, 2,4-dim... | 9.641 | 33.8 | ug/l | 604233 | 2 | 9.094 | 894632 | 50.0 |
| Pentane, 2,3,4-... | 10.012 | 120.6 | ug/l | 2157580 | 2 | 9.094 | 894632 | 50.0 |
| Heptane, 4-methyl- | 10.141 | 174.0 | ug/l | 3114080 | 2 | 9.094 | 894632 | 50.0 |
| Heptane, 3-methyl- | 10.335 | 64.5 | ug/l | 1153620 | 2 | 9.094 | 894632 | 50.0 |
| Hexane, 2,2,5-t... | 10.494 | 69.0 | ug/l | 3486780 | 3 | 11.865 | 2528160 | 50.0 |
| Heptane, 2,4-di... | 11.641 | 46.2 | ug/l | 2336910 | 3 | 11.865 | 2528160 | 50.0 |
| Benzene, 1-ethy... | 13.100 | 80.3 | ug/l | 22970900 | 4 | 13.788 | 14309100 | 50.0 |
| Benzene, 1-ethy... | 13.335 | 31.4 | ug/l | 8991250 | 4 | 13.788 | 14309100 | 50.0 |