LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093022\
Data File : VV028245.D
Acq On : 30 Sep 2022 23:18
Operator : SY/MD
Sample : N4865-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
EW846

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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_V\Method\SFAMVTR092222WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV028245.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.233 | 56 | 60 | 71 | rVV2 | 8358 | 11958 | 1.90% | 0.226% |
| 2 | 1.298 | 74 | 80 | 97 | rVB | 96707 | 103834 | 16.50% | 1.961% |
| 3 | 1.455 | 117 | 129 | 130 | rBV | 10787 | 15484 | 2.46% | 0.292% |
| 4 | 1.561 | 156 | 162 | 175 | rVB | 87695 | 102993 | 16.37% | 1.945% |
| 5 | 2.098 | 320 | 329 | 348 | rVB | 186098 | 275464 | 43.78% | 5.201% |
| 6 | 2.500 | 442 | 454 | 466 | rBV | 36856 | 61188 | 9.72% | 1.155% |
| 7 | 2.754 | 519 | 533 | 549 | rVB4 | 3049 | 7462 | 1.19% | 0.141% |
| 8 | 3.902 | 878 | 890 | 949 | rBV | 46233 | 232050 | 36.88% | 4.382% |
| 9 | 4.339 | 1009 | 1026 | 1053 | rBV | 111512 | 285004 | 45.29% | 5.382% |
| 10 | 5.040 | 1229 | 1244 | 1271 | rBV2 | 252377 | 629253 | 100.00% | 11.882% |
| 11 | 5.613 | 1405 | 1422 | 1447 | rBV | 178262 | 376290 | 59.80% | 7.105% |
| 12 | 6.063 | 1549 | 1562 | 1584 | rBV2 | 143184 | 300174 | 47.70% | 5.668% |
| 13 | 6.985 | 1838 | 1849 | 1869 | rBV2 | 61043 | 117303 | 18.64% | 2.215% |
| 14 | 7.310 | 1939 | 1950 | 1970 | rBV | 282950 | 501430 | 79.69% | 9.468% |
| 15 | 7.622 | 2035 | 2047 | 2061 | rBV2 | 36204 | 67527 | 10.73% | 1.275% |
| 16 | 7.783 | 2086 | 2097 | 2109 | rBV2 | 32617 | 52905 | 8.41% | 0.999% |
| 17 | 7.934 | 2134 | 2144 | 2155 | rBV3 | 11171 | 20589 | 3.27% | 0.389% |
| 18 | 8.088 | 2180 | 2192 | 2223 | rBV | 274108 | 554525 | 88.12% | 10.471% |
| 19 | 8.789 | 2403 | 2410 | 2418 | rBV2 | 4372 | 7156 | 1.14% | 0.135% |
| 20 | 8.847 | 2418 | 2428 | 2449 | rVV | 277661 | 461103 | 73.28% | 8.707% |
| 21 | 10.214 | 2842 | 2853 | 2870 | rBV | 108840 | 171571 | 27.27% | 3.240% |
| 22 | 10.381 | 2893 | 2905 | 2917 | rBV | 21272 | 34318 | 5.45% | 0.648% |
| 23 | 11.246 | 3163 | 3174 | 3196 | rBV | 261021 | 417038 | 66.28% | 7.875% |
| 24 | 11.529 | 3252 | 3262 | 3279 | rBV2 | 23954 | 53512 | 8.50% | 1.010% |
| 25 | 11.619 | 3279 | 3290 | 3306 | rVB | 267150 | 428280 | 68.06% | 8.087% |
| 26 | 12.249 | 3478 | 3486 | 3498 | rBV3 | 4855 | 7569 | 1.20% | 0.143% |

Sum of corrected areas: 5295980

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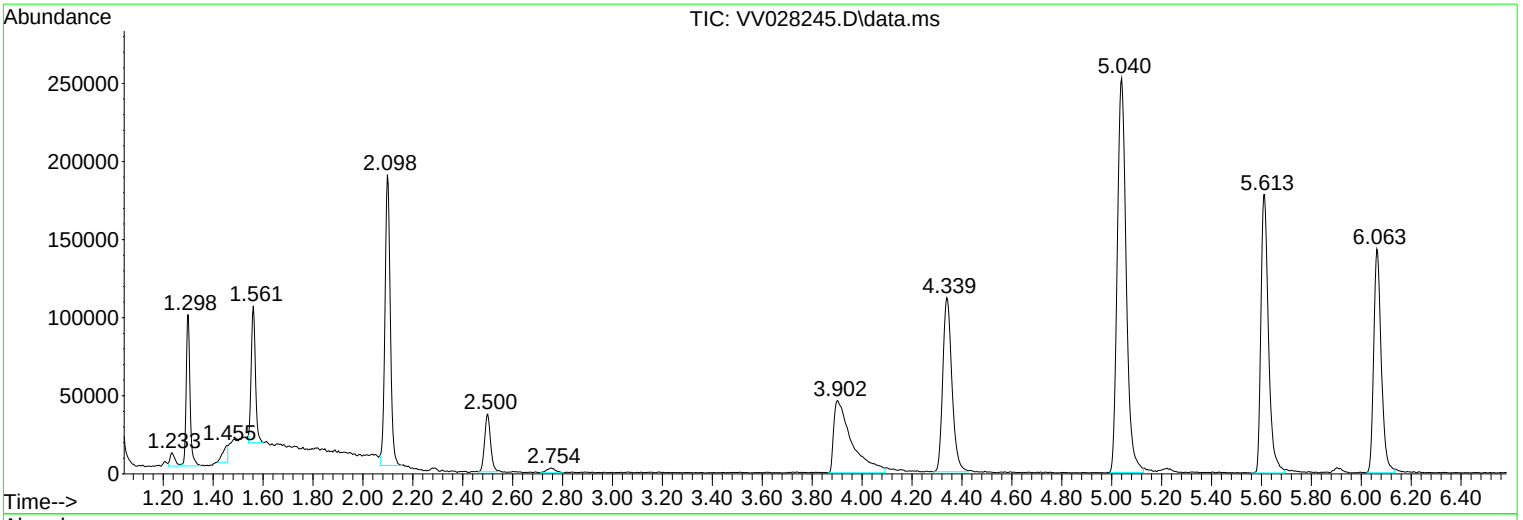
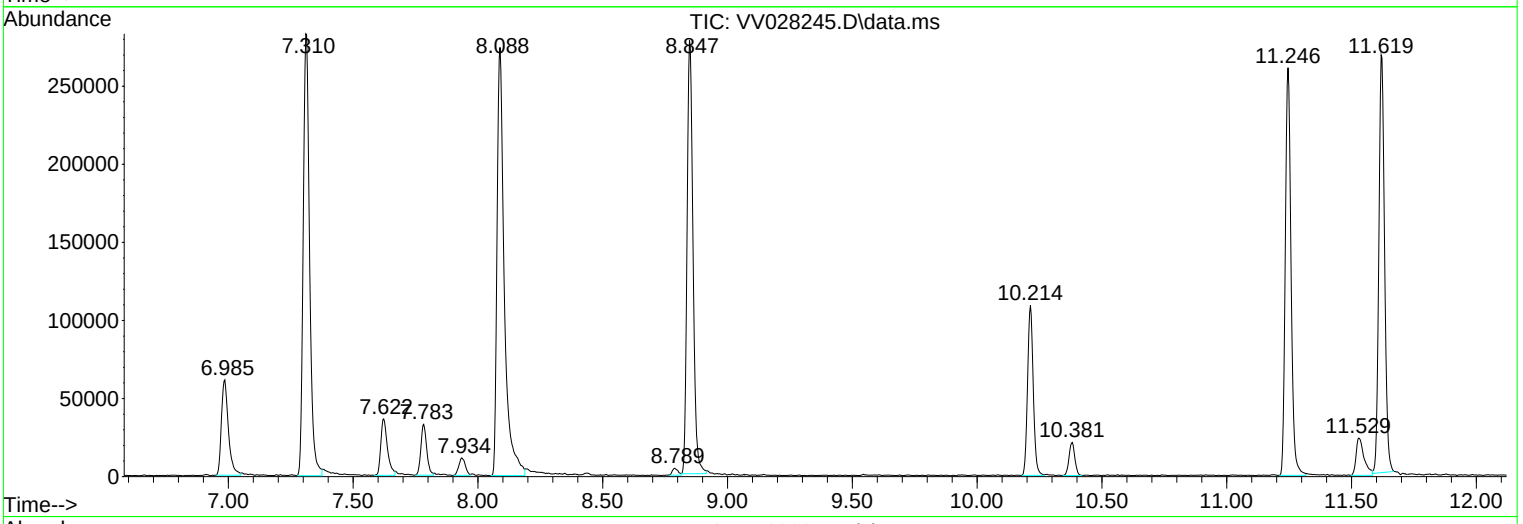
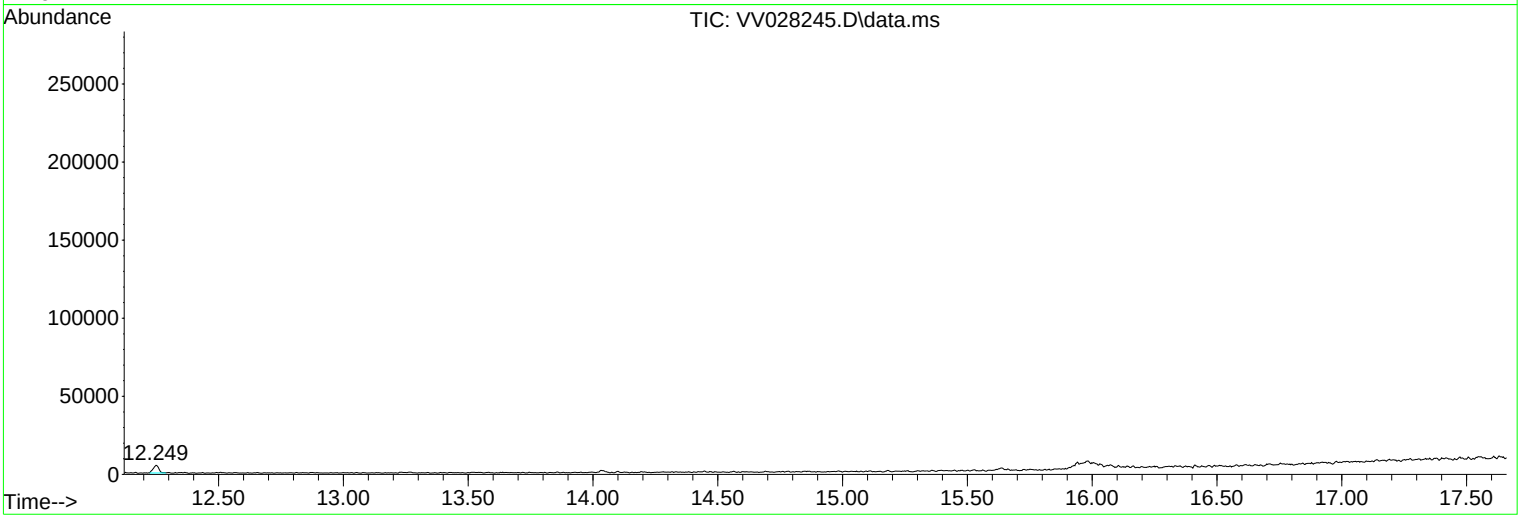
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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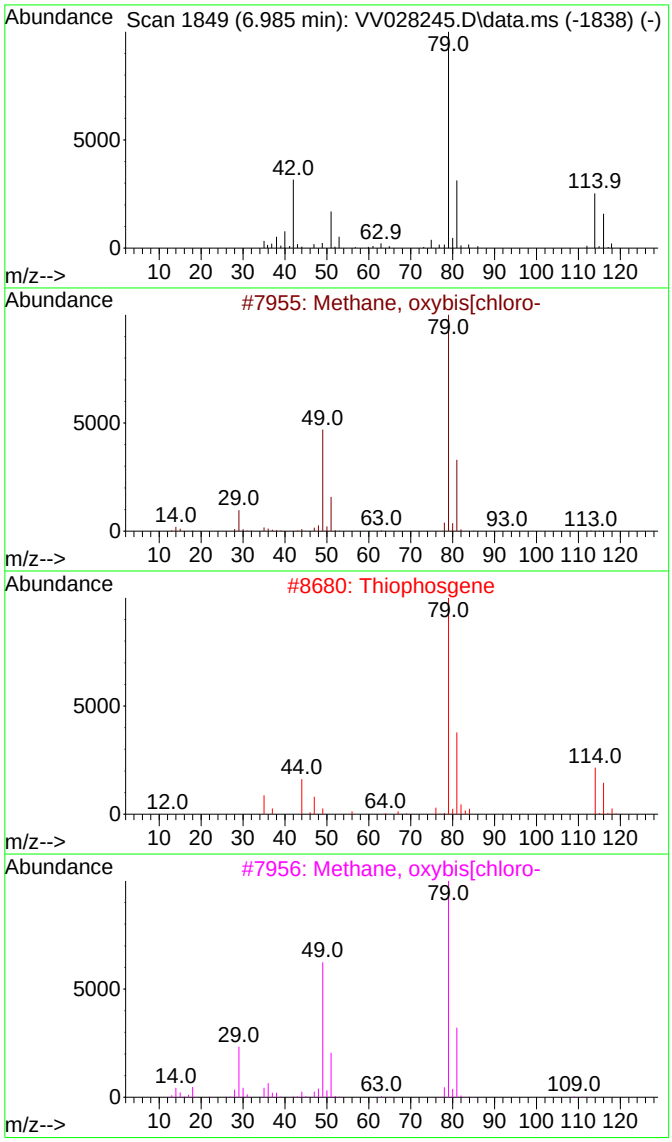
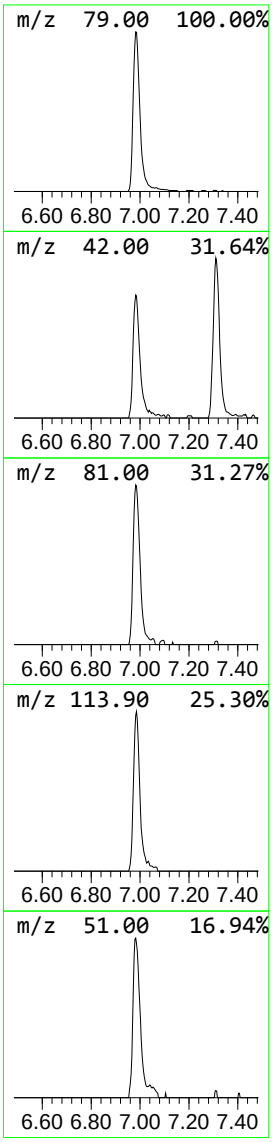
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Methane, oxybis[chloro- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.985 | 1.56 ug/L | 117303 | 1,4-Difluorobenzene | 5.613 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Methane, oxybis[chloro- | 114 | C2H4Cl2O | 000542-88-1 | 50 |
| 2 | Thiophosgene | 114 | CCl2S | 000463-71-8 | 45 |
| 3 | Methane, oxybis[chloro- | 114 | C2H4Cl2O | 000542-88-1 | 40 |
| 4 | 1,3-Cyclohexadiene | 80 | C6H8 | 000592-57-4 | 38 |
| 5 | 3-Thiatricyclo[3.1.1.0(2,4)]heptane | 112 | C6H8S | 1000221-37-0 | 38 |



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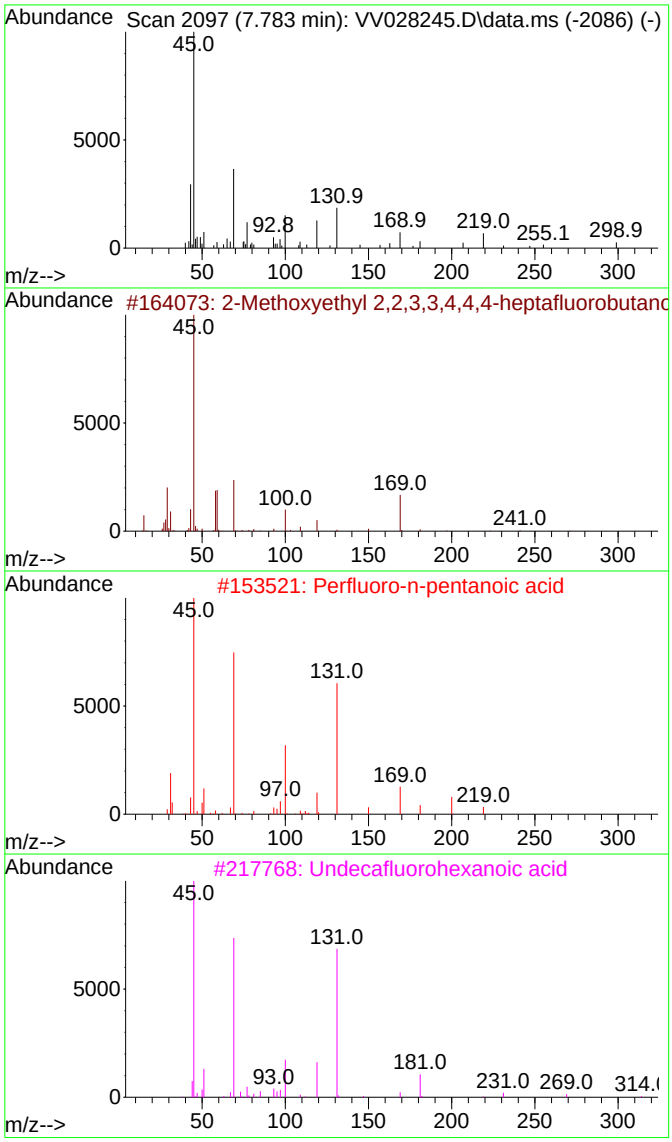
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

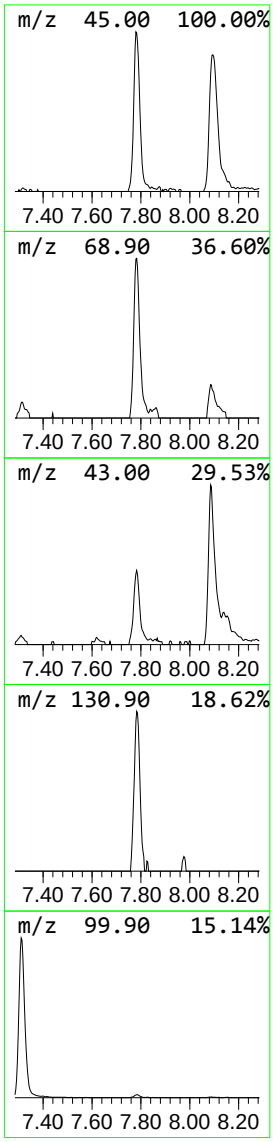
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 2-Methoxyethyl 2,2,3,3,4,4,... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.783 | 0.57 ug/L | 52905 | Chlorobenzene-d5 | 8.847 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Methoxyethyl 2,2,3,3,4,4,4-hep... | 272 | C7H7F7O3 | 1000352-01-4 | 50 |
| 2 | Perfluoro-n-pentanoic acid | 264 | C5HF9O2 | 002706-90-3 | 50 |
| 3 | Undecafluorohexanoic acid | 314 | C6HF11O2 | 000307-24-4 | 38 |
| 4 | (S)-(+)-1,2-Propanediol | 76 | C3H8O2 | 004254-15-3 | 38 |
| 5 | 2-Butanol, 4-bromo-3,3,4,4-tetra... | 224 | C4H5BrF4O | 074646-39-2 | 36 |



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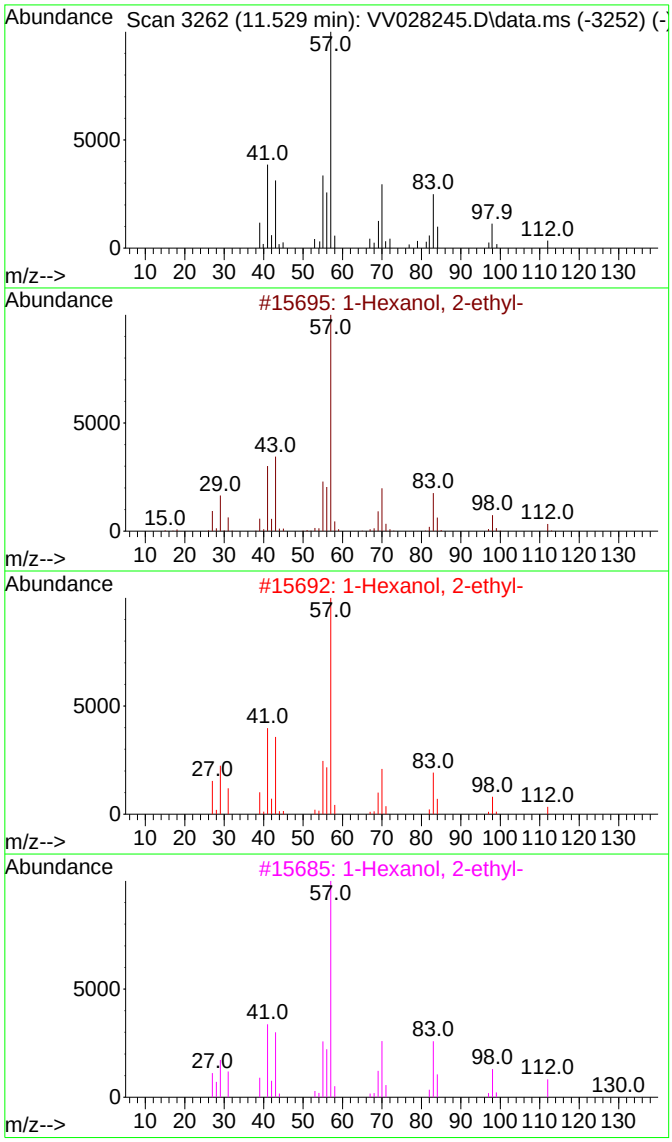
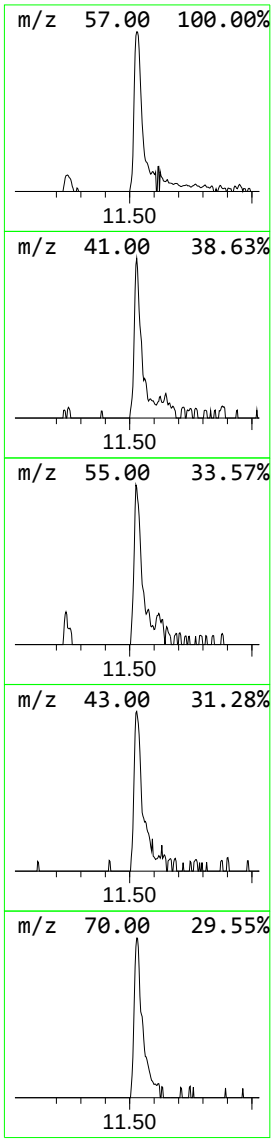
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.529 | 0.64 ug/L | 53512 | 1,4-Dichlorobenzene-d4 | 11.246 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Hexanol, 2-ethyl- | 130 | C8H18O | 000104-76-7 | 90 |
| 2 | 1-Hexanol, 2-ethyl- | 130 | C8H18O | 000104-76-7 | 83 |
| 3 | 1-Hexanol, 2-ethyl- | 130 | C8H18O | 000104-76-7 | 83 |
| 4 | 1-Hexanol, 2-ethyl- | 130 | C8H18O | 000104-76-7 | 72 |
| 5 | 1-Hexanol, 2-ethyl- | 130 | C8H18O | 000104-76-7 | 56 |



Tentatively Identified Compound (LSC) summary

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Quant Title : TRACE VOA SFAM1.0

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

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Methane, oxybis... | 6.985 | 1.6 | ug/L | 117303 | 1 | 5.613 | 376290 | 5.0 |
| 2-Methoxyethyl ... | 7.783 | 0.6 | ug/L | 52905 | 2 | 8.847 | 461103 | 5.0 |
| 1-Hexanol, 2-et... | 11.529 | 0.6 | ug/L | 53512 | 3 | 11.246 | 417038 | 5.0 |