LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072319\
Data File : VV011985.D
Acq On : 24 Jul 2019 00:42
Operator : SY/MD
Sample : K3958-02
Misc : 25ML/MSVOA V/WATER
ALS Vial : 29 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** F2A06

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\SOMVTR072219WMA.M
Title : TRACE VOA SOM01.0

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.119 | 6 | 9 | 15 | rVB2 | 8980 | 7802 | 1.44% | 0.151% |
| 2 | 1.319 | 63 | 71 | 83 | rVB | 66525 | 69673 | 12.90% | 1.349% |
| 3 | 1.586 | 146 | 154 | 167 | rBV | 46731 | 54844 | 10.15% | 1.061% |
| 4 | 2.132 | 313 | 324 | 335 | rBV | 109531 | 156239 | 28.93% | 3.024% |
| 5 | 2.196 | 335 | 344 | 354 | rVB | 13580 | 21323 | 3.95% | 0.413% |
| 6 | 2.328 | 369 | 385 | 411 | rBV | 44473 | 113518 | 21.02% | 2.197% |
| 7 | 3.942 | 870 | 887 | 925 | rBV2 | 63299 | 191434 | 35.44% | 3.705% |
| 8 | 4.132 | 932 | 946 | 976 | rBV | 155251 | 393160 | 72.79% | 7.610% |
| 9 | 4.402 | 1012 | 1030 | 1056 | rVB | 94631 | 235374 | 43.58% | 4.556% |
| 10 | 4.727 | 1119 | 1131 | 1143 | rVB5 | 4087 | 9780 | 1.81% | 0.189% |
| 11 | 5.097 | 1228 | 1246 | 1272 | rBV2 | 222662 | 540095 | 100.00% | 10.453% |
| 12 | 5.666 | 1406 | 1423 | 1440 | rBV | 177328 | 353960 | 65.54% | 6.851% |
| 13 | 6.119 | 1549 | 1564 | 1581 | rBV | 123620 | 250218 | 46.33% | 4.843% |
| 14 | 7.029 | 1835 | 1847 | 1865 | rBV | 60259 | 107834 | 19.97% | 2.087% |
| 15 | 7.360 | 1935 | 1950 | 1965 | rBV | 271132 | 462584 | 85.65% | 8.953% |
| 16 | 7.431 | 1965 | 1972 | 1986 | rVB | 11664 | 21265 | 3.94% | 0.412% |
| 17 | 7.666 | 2034 | 2045 | 2062 | rBV | 36702 | 63409 | 11.74% | 1.227% |
| 18 | 8.135 | 2179 | 2191 | 2228 | rBV | 257068 | 473316 | 87.64% | 9.161% |
| 19 | 8.894 | 2413 | 2427 | 2448 | rBV | 269531 | 433229 | 80.21% | 8.385% |
| 20 | 10.260 | 2840 | 2852 | 2868 | rBV2 | 85505 | 134643 | 24.93% | 2.606% |
| 21 | 10.421 | 2891 | 2902 | 2912 | rBV2 | 3870 | 5688 | 1.05% | 0.110% |
| 22 | 11.293 | 3162 | 3173 | 3195 | rBV | 271886 | 421986 | 78.13% | 8.167% |
| 23 | 11.579 | 3250 | 3262 | 3279 | rBV2 | 95001 | 172893 | 32.01% | 3.346% |
| 24 | 11.669 | 3279 | 3290 | 3313 | rVB | 273111 | 446532 | 82.68% | 8.643% |
| 25 | 12.395 | 3505 | 3516 | 3526 | rBV5 | 3674 | 5841 | 1.08% | 0.113% |
| 26 | 12.717 | 3606 | 3616 | 3628 | rBV3 | 12917 | 20058 | 3.71% | 0.388% |

Sum of corrected areas: 5166698

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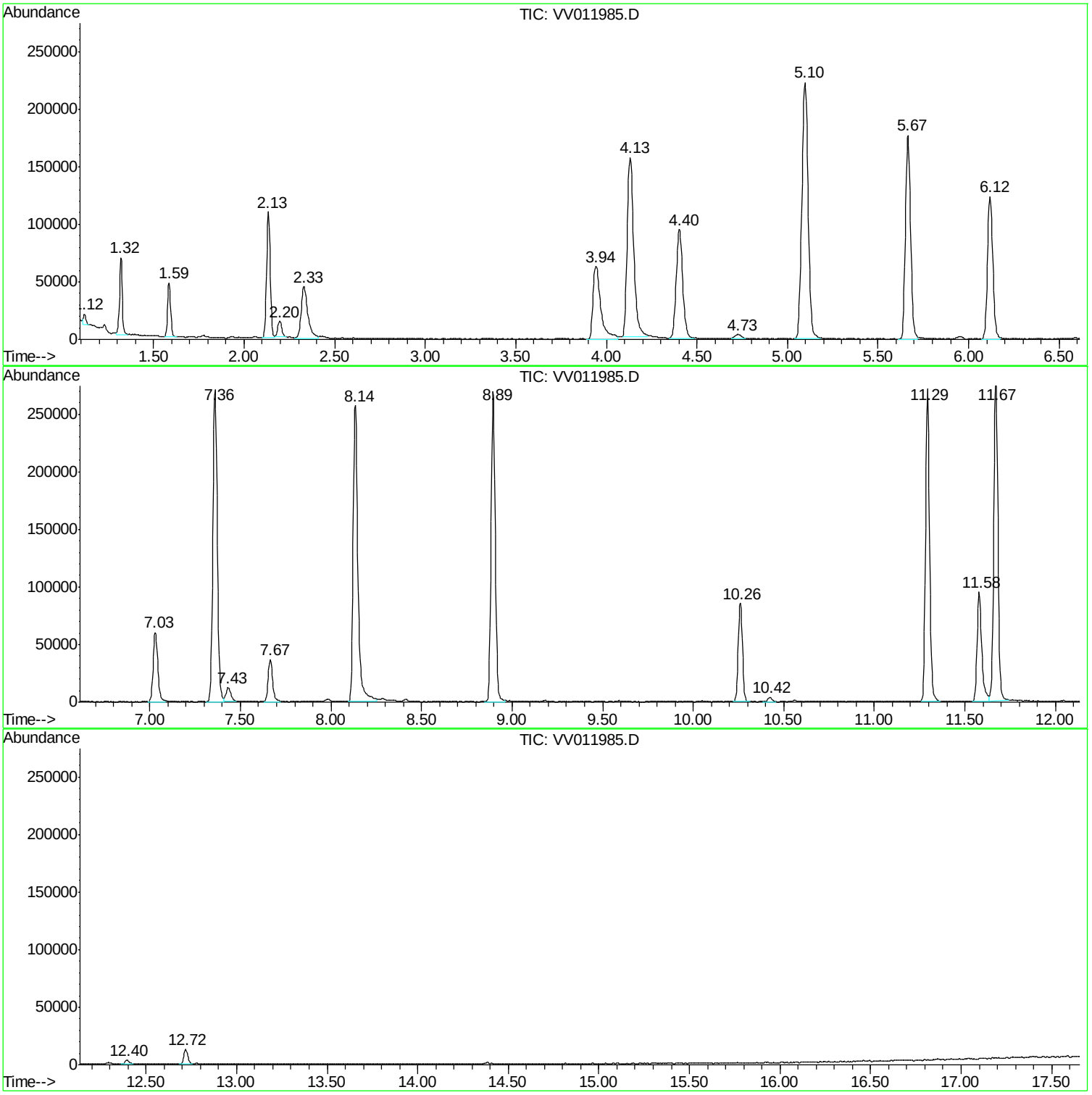
ALS Vial : 29 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** F2A06

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



# Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072319\
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Acq On : 24 Jul 2019 00:42
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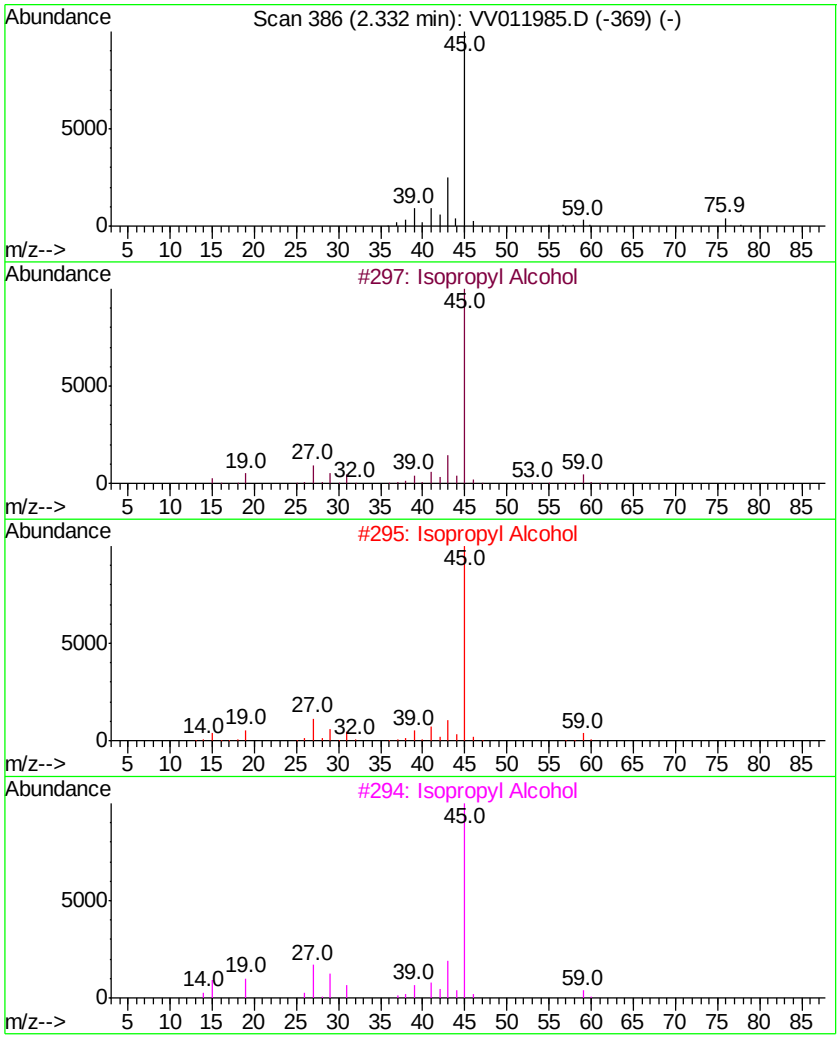
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

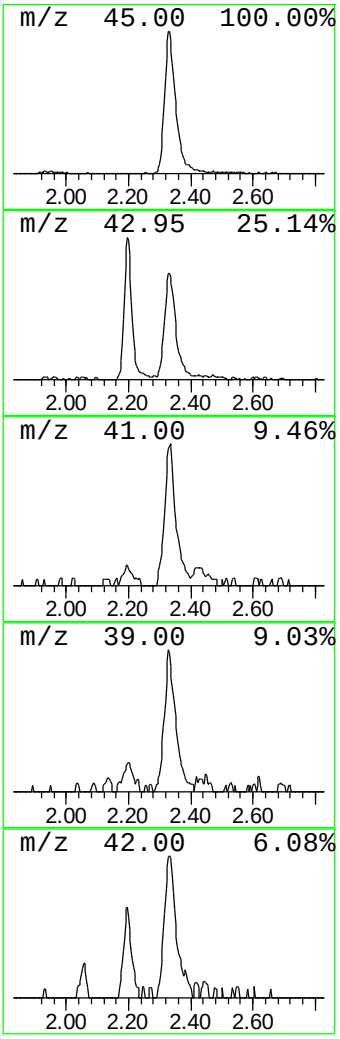
**********

Peak Number 1 Isopropyl Alcohol Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.33 | 1.60 ug/L | 113518 | 1,4-Difluorobenzene | 5.67 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Isopropyl Alcohol | 60 | C3H8O | 000067-63-0 | 80 |
| 2 | Isopropyl Alcohol | 60 | C3H8O | 000067-63-0 | 72 |
| 3 | Isopropyl Alcohol | 60 | C3H8O | 000067-63-0 | 72 |
| 4 | Propane, 2-ethoxy- | 88 | C5H12O | 000625-54-7 | 9 |
| 5 | Hydrazine, 1,2-dimethyl- | 60 | C2H8N2 | 000540-73-8 | 9 |



Library Search Compound Report

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Misc : 25ML/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** F2A06

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0

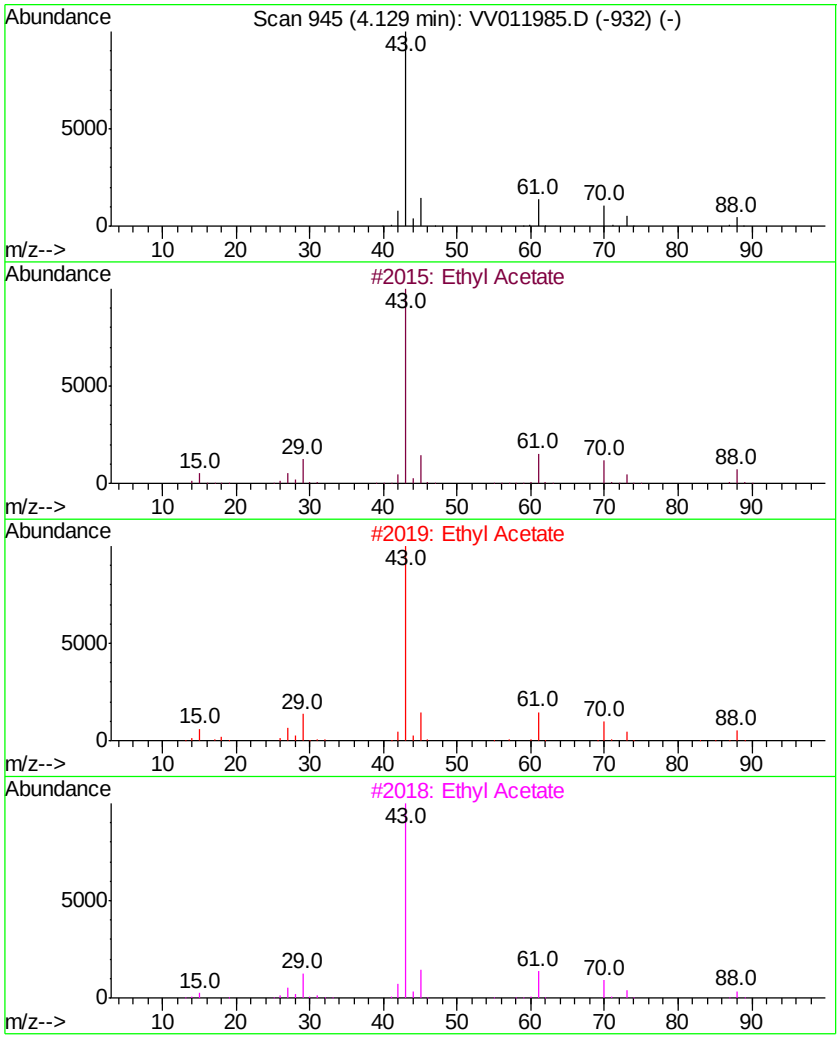
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

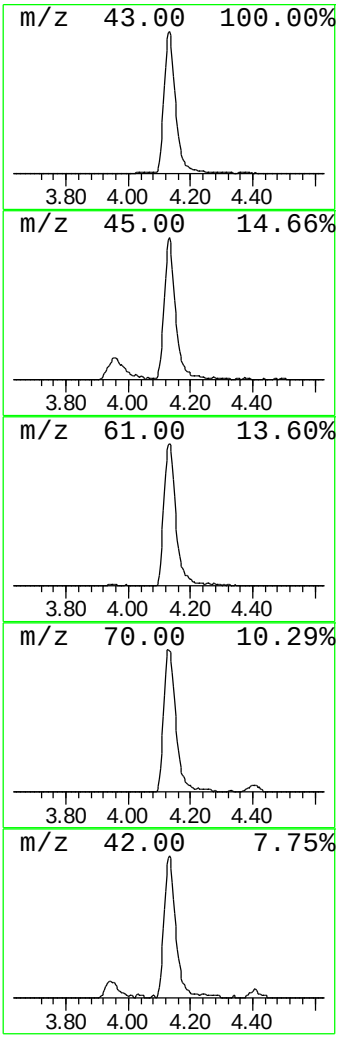
**********

Peak Number 2 Ethyl Acetate Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.13 | 5.55 ug/L | 393160 | 1,4-Difluorobenzene | 5.67 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethyl Acetate | 88 | C4H8O2 | 000141-78-6 | 90 |
| 2 | Ethyl Acetate | 88 | C4H8O2 | 000141-78-6 | 90 |
| 3 | Ethyl Acetate | 88 | C4H8O2 | 000141-78-6 | 86 |
| 4 | Ethyl Acetate | 88 | C4H8O2 | 000141-78-6 | 86 |
| 5 | CH3C(O)CH2CH2OH | 88 | C4H8O2 | 000590-90-9 | 53 |



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Quant Title : TRACE VOA SOM01.0

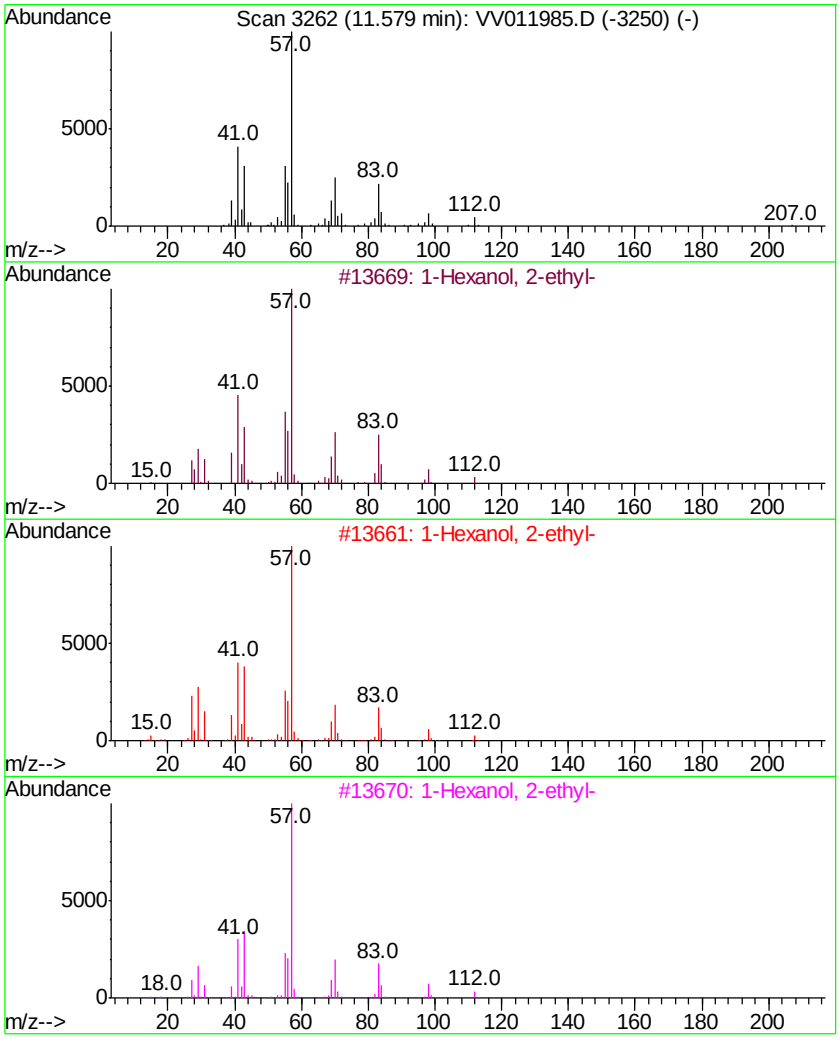
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

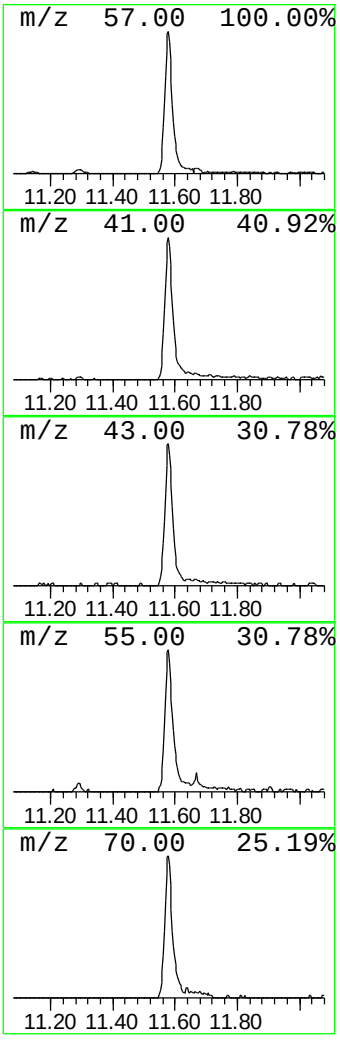
**********

Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.58 | 2.05 ug/L | 172893 | 1,4-Dichlorobenzene-d4 | 11.29 |

| 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 | 2-Propyl-1-pentanol | 130 | C8H18O | 058175-57-8 | 53 |
| 5 | 2-Propyl-1-pentanol | 130 | C8H18O | 058175-57-8 | 47 |



Tentatively Identified Compound (LSC) summary

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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Isopropyl Alcohol | 2.33 | 1.6 | ug/L | 113518 | 1 | 5.67 | 353960 | 5.0 |
| Ethyl Acetate | 4.13 | 5.5 | ug/L | 393160 | 1 | 5.67 | 353960 | 5.0 |
| 1-Hexanol, 2-ethyl- | 11.58 | 2.0 | ug/L | 172893 | 3 | 11.29 | 421986 | 5.0 |