LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052920\
Data File : VV016349.D
Acq On : 30 May 2020 07:16
Operator : SY/MD
Sample : L2788-06
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 42 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** BFXB0

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\SOMVTR052620WMA.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 | 1.113 | 3 | 7 | 21 | rVB | 19410 | 18709 | 7.15% | 0.862% |
| 2 | 1.315 | 62 | 70 | 82 | rVB | 37269 | 38537 | 14.73% | 1.775% |
| 3 | 1.576 | 142 | 151 | 165 | rBV | 28191 | 34731 | 13.27% | 1.600% |
| 4 | 2.122 | 311 | 321 | 331 | rBV | 59759 | 85295 | 32.60% | 3.929% |
| 5 | 2.775 | 518 | 524 | 529 | rBV5 | 1927 | 2725 | 1.04% | 0.126% |
| 6 | 3.055 | 600 | 611 | 622 | rBV6 | 3113 | 6484 | 2.48% | 0.299% |
| 7 | 3.778 | 822 | 836 | 851 | rBV7 | 4506 | 11225 | 4.29% | 0.517% |
| 8 | 3.978 | 877 | 898 | 901 | rBV3 | 11572 | 31428 | 12.01% | 1.448% |
| 9 | 4.135 | 934 | 947 | 975 | rVB2 | 20016 | 66063 | 25.25% | 3.043% |
| 10 | 4.376 | 1006 | 1022 | 1052 | rBV2 | 45367 | 125427 | 47.94% | 5.777% |
| 11 | 4.691 | 1109 | 1120 | 1139 | rVB4 | 2800 | 6877 | 2.63% | 0.317% |
| 12 | 5.071 | 1221 | 1238 | 1266 | rBV2 | 112018 | 261655 | 100.00% | 12.052% |
| 13 | 5.643 | 1403 | 1416 | 1438 | rBV | 91955 | 183976 | 70.31% | 8.474% |
| 14 | 5.939 | 1498 | 1508 | 1526 | rVB3 | 15532 | 29597 | 11.31% | 1.363% |
| 15 | 6.096 | 1543 | 1557 | 1575 | rBV | 59826 | 122462 | 46.80% | 5.641% |
| 16 | 6.505 | 1673 | 1684 | 1707 | rBV2 | 21350 | 48255 | 18.44% | 2.223% |
| 17 | 7.010 | 1831 | 1841 | 1864 | rBV2 | 25417 | 46442 | 17.75% | 2.139% |
| 18 | 7.338 | 1932 | 1943 | 1960 | rBV | 123706 | 209248 | 79.97% | 9.638% |
| 19 | 7.646 | 2030 | 2039 | 2053 | rBV2 | 14402 | 24292 | 9.28% | 1.119% |
| 20 | 8.122 | 2176 | 2187 | 2224 | rBV | 113253 | 238108 | 91.00% | 10.967% |
| 21 | 8.874 | 2409 | 2421 | 2438 | rBV | 138889 | 222105 | 84.88% | 10.230% |
| 22 | 10.241 | 2834 | 2846 | 2858 | rVB2 | 35096 | 55500 | 21.21% | 2.556% |
| 23 | 11.270 | 3156 | 3166 | 3186 | rBV | 104680 | 162022 | 61.92% | 7.463% |
| 24 | 11.646 | 3272 | 3283 | 3301 | rVB | 87176 | 134283 | 51.32% | 6.185% |
| 25 | 13.530 | 3861 | 3869 | 3880 | rVB3 | 3847 | 5613 | 2.15% | 0.259% |

Sum of corrected areas: 2171059

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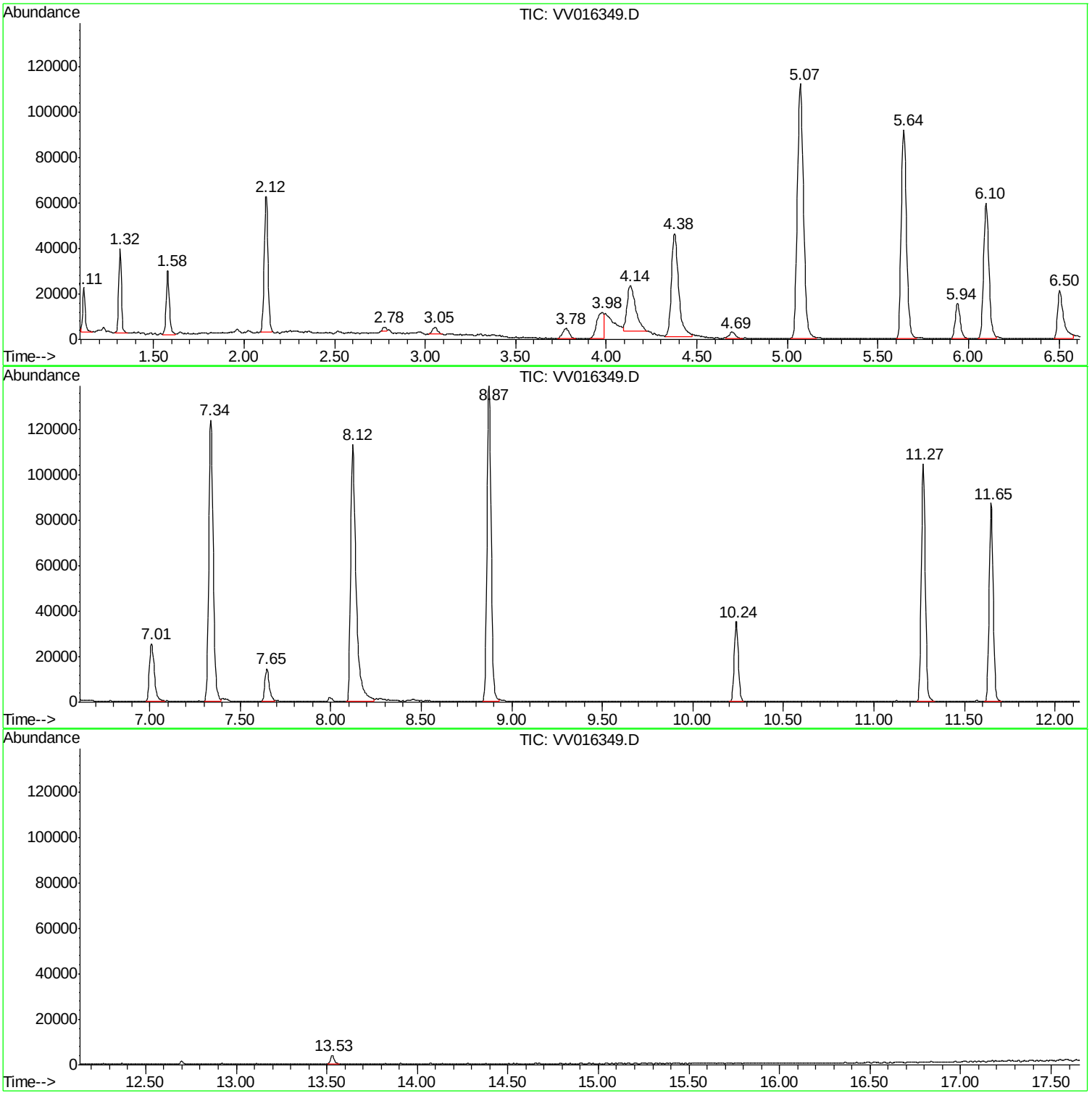
**Instrument :** MSVOA_V
**ClientSampleId :** BFXB0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

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



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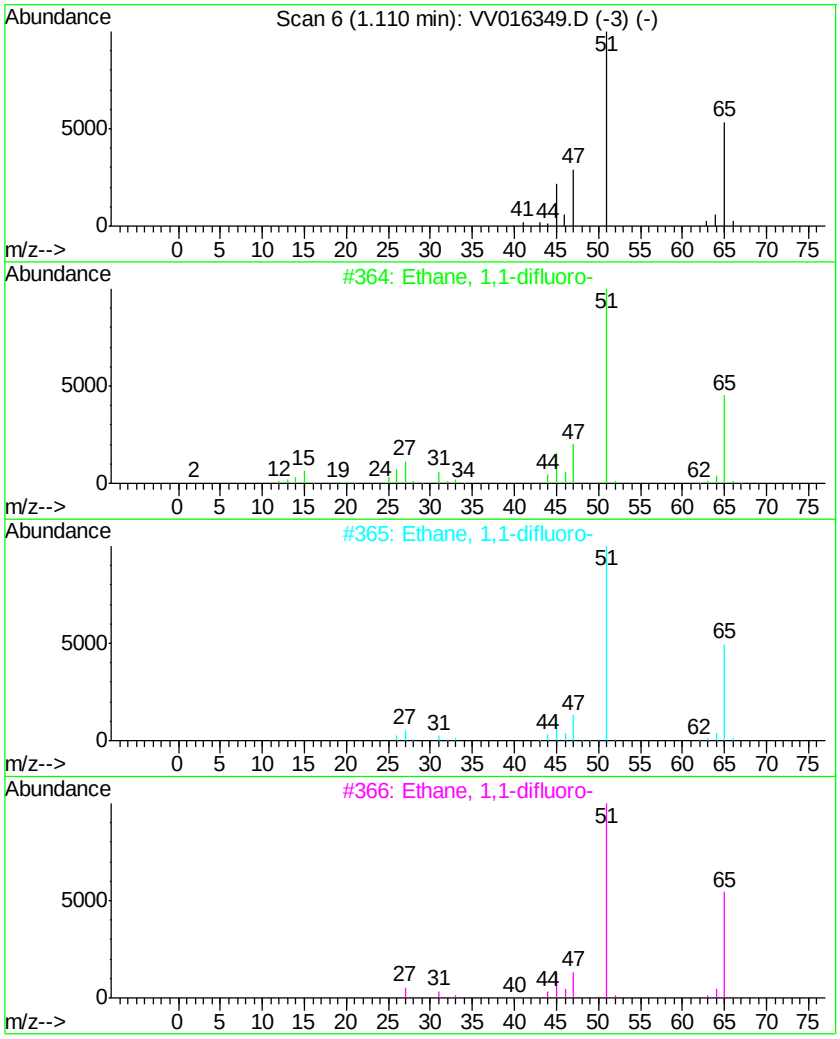
TIC Integration Parameters: LSCINT.P

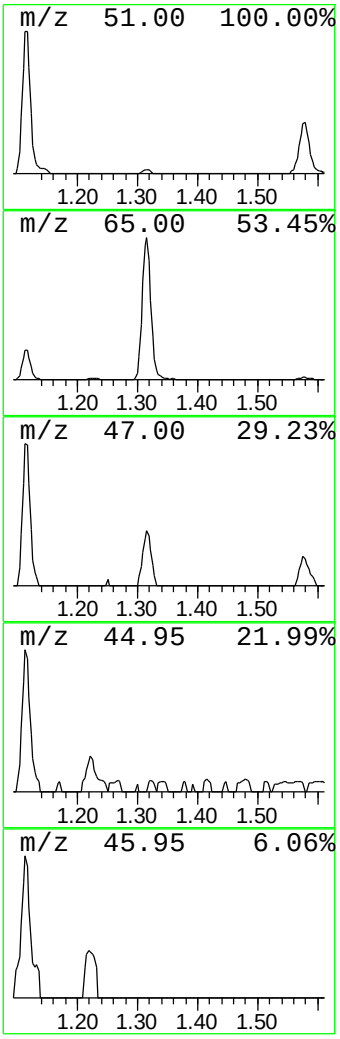
**********

Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 1.11 | 0.51 ug/L | 18709 | 1,4-Difluorobenzene | 5.64 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethane, 1,1-difluoro- | 66 | C2H4F2 | 000075-37-6 | 91 |
| 2 | Ethane, 1,1-difluoro- | 66 | C2H4F2 | 000075-37-6 | 83 |
| 3 | Ethane, 1,1-difluoro- | 66 | C2H4F2 | 000075-37-6 | 74 |
| 4 | Propiolonitrile | 51 | C3HN | 001070-71-9 | 3 |
| 5 | Propane, 2,2-difluoro- | 80 | C3H6F2 | 000420-45-1 | 2 |



# Library Search Compound Report

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**Instrument :** MSVOA_V
**ClientSampleId :** BFXB0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

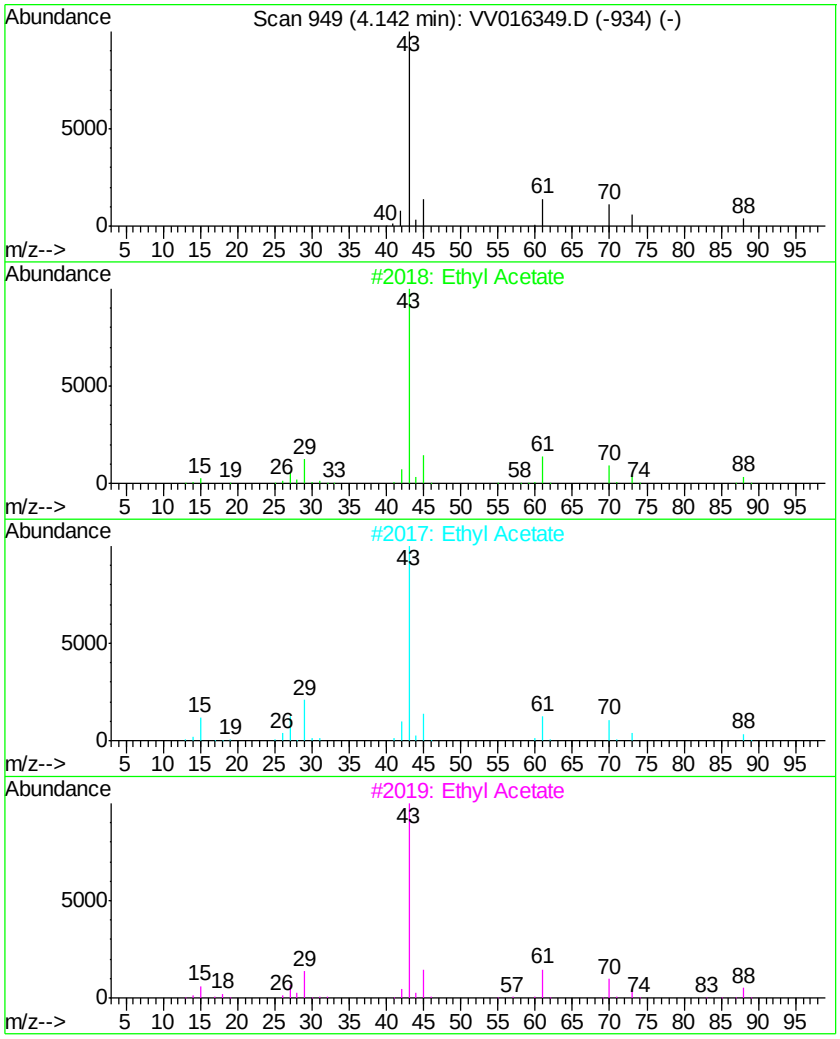
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

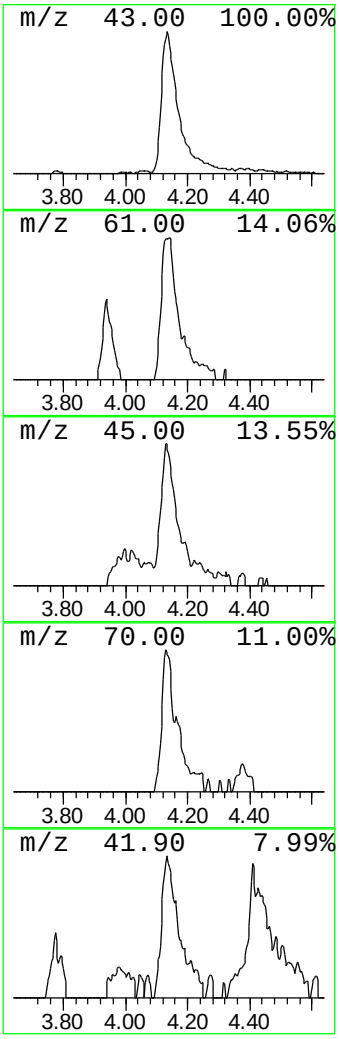
**********

Peak Number 2 Ethyl Acetate Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.14 | 1.80 ug/L | 66063 | 1,4-Difluorobenzene | 5.64 |

| 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 | 83 |
| 4 | Ethyl Acetate | 88 | C4H8O2 | 000141-78-6 | 83 |
| 5 | CH3C(O)CH2CH2OH | 88 | C4H8O2 | 000590-90-9 | 53 |



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**ClientSampleId :** BFXB0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
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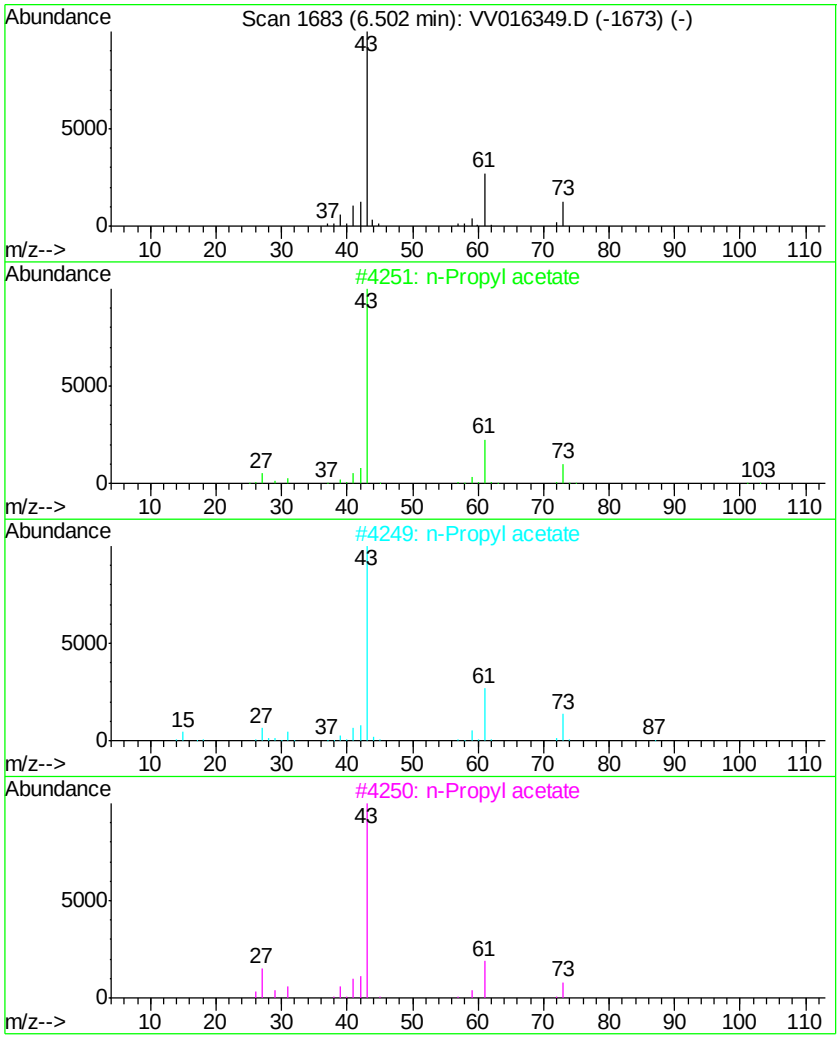
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

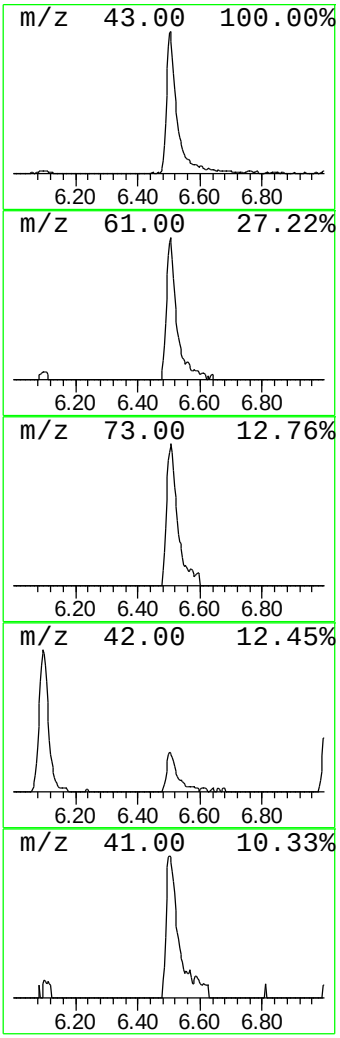
**********

Peak Number 3 n-Propyl acetate Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.50 | 1.31 ug/L | 48255 | 1,4-Difluorobenzene | 5.64 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Propyl acetate | 102 | C5H10O2 | 000109-60-4 | 78 |
| 2 | n-Propyl acetate | 102 | C5H10O2 | 000109-60-4 | 72 |
| 3 | n-Propyl acetate | 102 | C5H10O2 | 000109-60-4 | 64 |
| 4 | Isobutylamine | 73 | C4H11N | 000078-81-9 | 9 |
| 5 | Isobutylamine | 73 | C4H11N | 000078-81-9 | 9 |



Tentatively Identified Compound (LSC) summary

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ALS Vial : 42 Sample Multiplier: 1

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
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 |
| Ethane, 1,1-diflu... | 1.11 | 0.5 | ug/L | 18709 | 1 | 5.64 | 183976 | 5.0 |
| Ethyl Acetate | 4.14 | 1.8 | ug/L | 66063 | 1 | 5.64 | 183976 | 5.0 |
| n-Propyl acetate | 6.50 | 1.3 | ug/L | 48255 | 1 | 5.64 | 183976 | 5.0 |