LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050620\
Data File : VV015914.D
Acq On : 06 May 2020 16:53
Operator : SY/MD
Sample : L2527-03
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** BFSJ0

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\SOMVTR050520WMA.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 | 1.110 | 3 | 6 | 20 | rVB | 129090 | 113909 | 22.63% | 2.266% |
| 2 | 1.312 | 58 | 69 | 82 | rVB | 72205 | 81779 | 16.25% | 1.627% |
| 3 | 1.576 | 143 | 151 | 166 | rBV | 64522 | 73553 | 14.61% | 1.463% |
| 4 | 2.119 | 309 | 320 | 333 | rBV | 117152 | 171595 | 34.09% | 3.413% |
| 5 | 2.778 | 514 | 525 | 543 | rVB6 | 4658 | 10016 | 1.99% | 0.199% |
| 6 | 3.065 | 598 | 614 | 626 | rVB5 | 4926 | 11284 | 2.24% | 0.224% |
| 7 | 3.785 | 822 | 838 | 854 | rBV4 | 6840 | 17929 | 3.56% | 0.357% |
| 8 | 3.930 | 868 | 883 | 919 | rBV3 | 59894 | 259037 | 51.46% | 5.152% |
| 9 | 4.106 | 927 | 938 | 972 | rVB | 43187 | 124229 | 24.68% | 2.471% |
| 10 | 4.377 | 1005 | 1022 | 1052 | rBV | 93547 | 246789 | 49.03% | 4.909% |
| 11 | 4.704 | 1111 | 1124 | 1137 | rVB6 | 3123 | 7490 | 1.49% | 0.149% |
| 12 | 5.071 | 1219 | 1238 | 1258 | rBV2 | 202138 | 503386 | 100.00% | 10.013% |
| 13 | 5.640 | 1400 | 1415 | 1438 | rBV | 176876 | 359404 | 71.40% | 7.149% |
| 14 | 5.942 | 1497 | 1509 | 1528 | rBV6 | 15669 | 35270 | 7.01% | 0.702% |
| 15 | 6.093 | 1543 | 1556 | 1580 | rBV2 | 120862 | 246974 | 49.06% | 4.912% |
| 16 | 6.492 | 1669 | 1680 | 1707 | rBV2 | 37396 | 80060 | 15.90% | 1.592% |
| 17 | 7.010 | 1829 | 1841 | 1865 | rBV | 56086 | 105815 | 21.02% | 2.105% |
| 18 | 7.338 | 1931 | 1943 | 1963 | rBV | 246093 | 430963 | 85.61% | 8.572% |
| 19 | 7.643 | 2029 | 2038 | 2058 | rBV2 | 31746 | 59064 | 11.73% | 1.175% |
| 20 | 7.962 | 2124 | 2137 | 2149 | rBV2 | 26883 | 48670 | 9.67% | 0.968% |
| 21 | 8.113 | 2171 | 2184 | 2220 | rBV | 242653 | 491491 | 97.64% | 9.776% |
| 22 | 8.875 | 2408 | 2421 | 2442 | rBV | 273399 | 448042 | 89.01% | 8.912% |
| 23 | 10.238 | 2833 | 2845 | 2866 | rBV | 77919 | 124179 | 24.67% | 2.470% |
| 24 | 10.402 | 2884 | 2896 | 2911 | rVB | 55284 | 91204 | 18.12% | 1.814% |
| 25 | 11.273 | 3155 | 3167 | 3187 | rBV | 273241 | 427388 | 84.90% | 8.501% |
| 26 | 11.646 | 3271 | 3283 | 3302 | rBV | 240268 | 380746 | 75.64% | 7.573% |
| 27 | 12.273 | 3466 | 3478 | 3489 | rBV2 | 23807 | 39108 | 7.77% | 0.778% |
| 28 | 16.736 | 4857 | 4866 | 4878 | rBV | 25375 | 38149 | 7.58% | 0.759% |

Sum of corrected areas: 5027523

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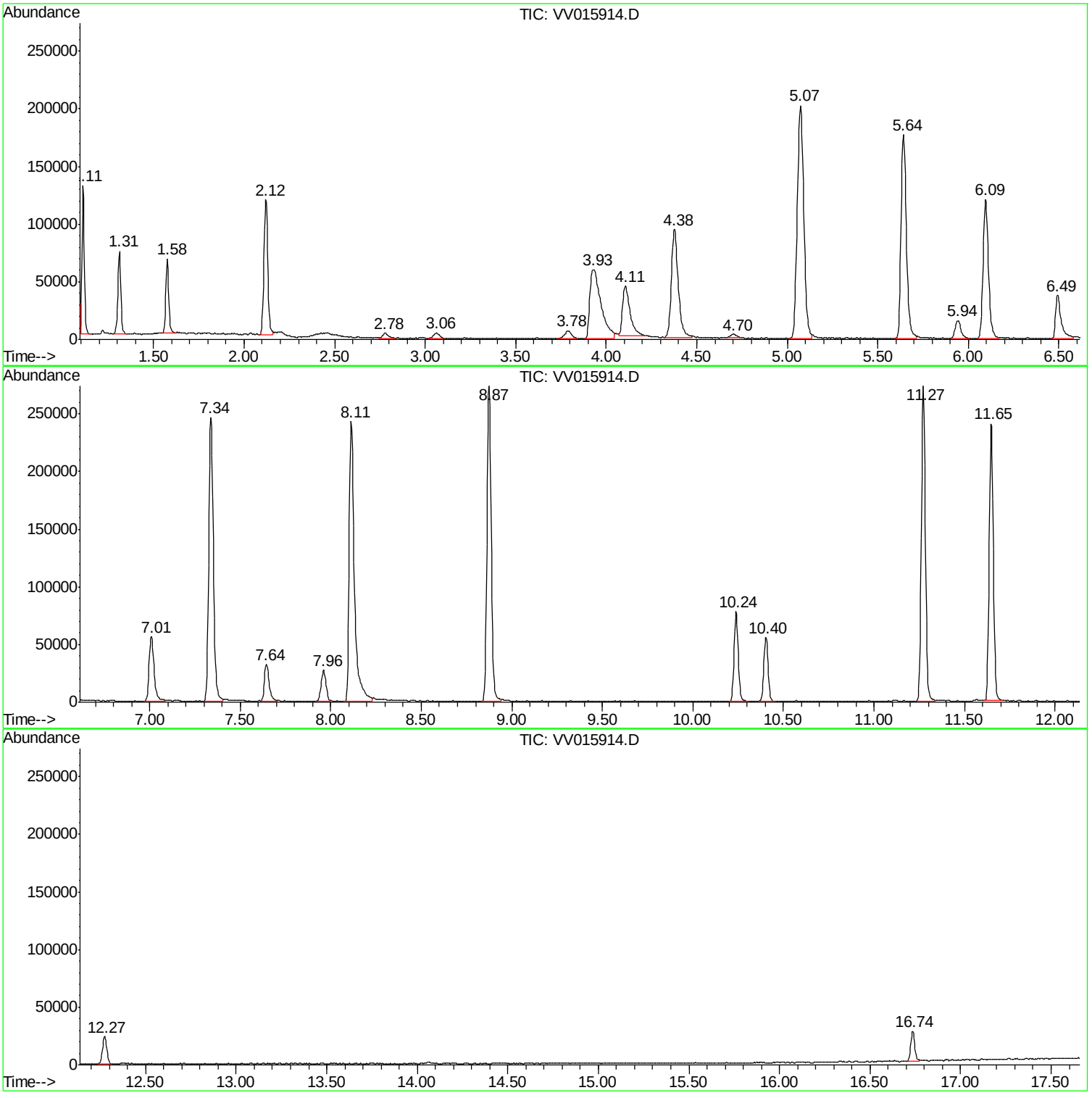
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** BFSJ0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050520WMA.M
Quant Title : TRACE VOA SOM01.0

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



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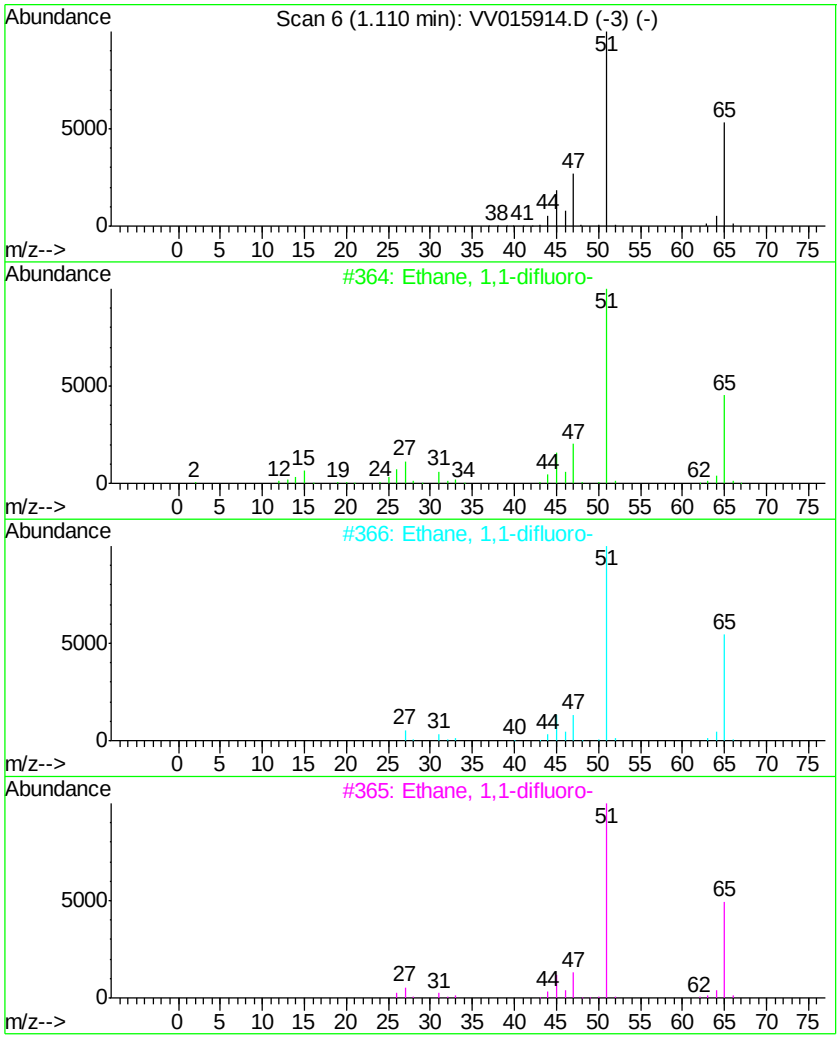
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

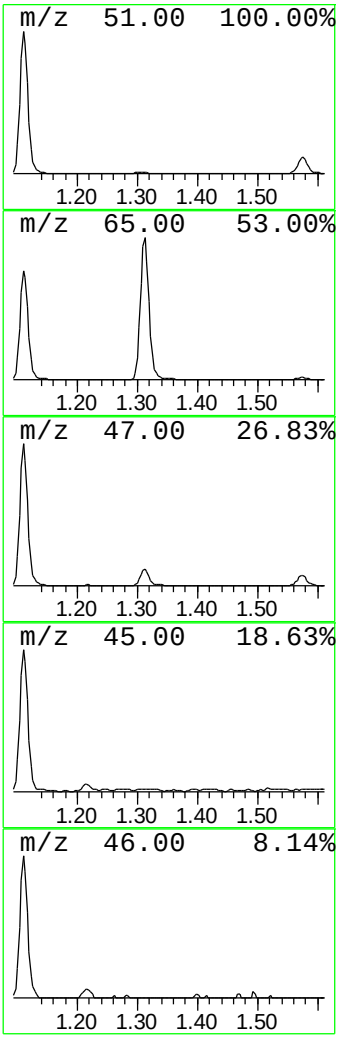
**********

Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 1.11 | 1.58 ug/L | 113909 | 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 | 90 |
| 3 | Ethane, 1,1-difluoro- | 66 | C2H4F2 | 000075-37-6 | 90 |
| 4 | Propiolonitrile | 51 | C3HN | 001070-71-9 | 3 |
| 5 | Propane, 2,2-difluoro- | 80 | C3H6F2 | 000420-45-1 | 2 |



# Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050620\
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Acq On : 06 May 2020 16:53
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Sample : L2527-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** BFSJ0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050520WMA.M
Quant Title : TRACE VOA SOM01.0

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

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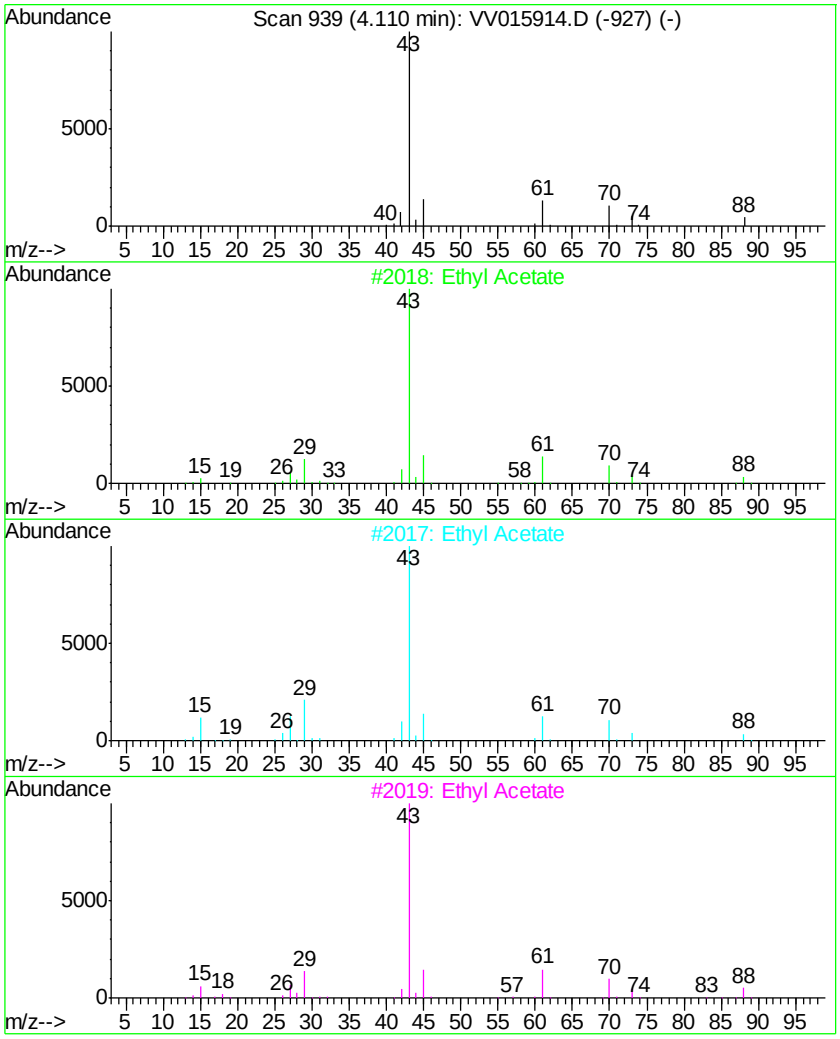
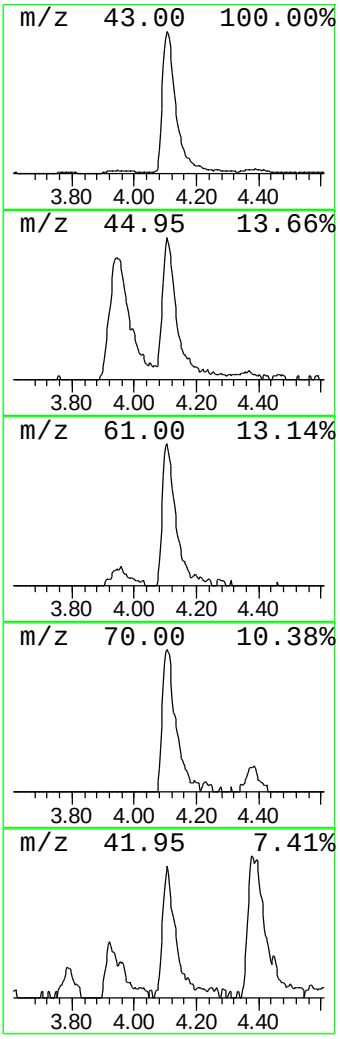
Peak Number 2 Ethyl Acetate Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.11 | 1.73 ug/L | 124229 | 1,4-Difluorobenzene | 5.64 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethyl Acetate | 88 | C4H8O2 | 000141-78-6 | 86 |
| 2 | Ethyl Acetate | 88 | C4H8O2 | 000141-78-6 | 86 |
| 3 | Ethyl Acetate | 88 | C4H8O2 | 000141-78-6 | 86 |
| 4 | Ethyl Acetate | 88 | C4H8O2 | 000141-78-6 | 78 |
| 5 | CH3C(O)CH2CH2OH | 88 | C4H8O2 | 000590-90-9 | 59 |



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Sample : L2527-03
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ALS Vial : 13 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** BFSJ0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050520WMA.M
Quant Title : TRACE VOA SOM01.0

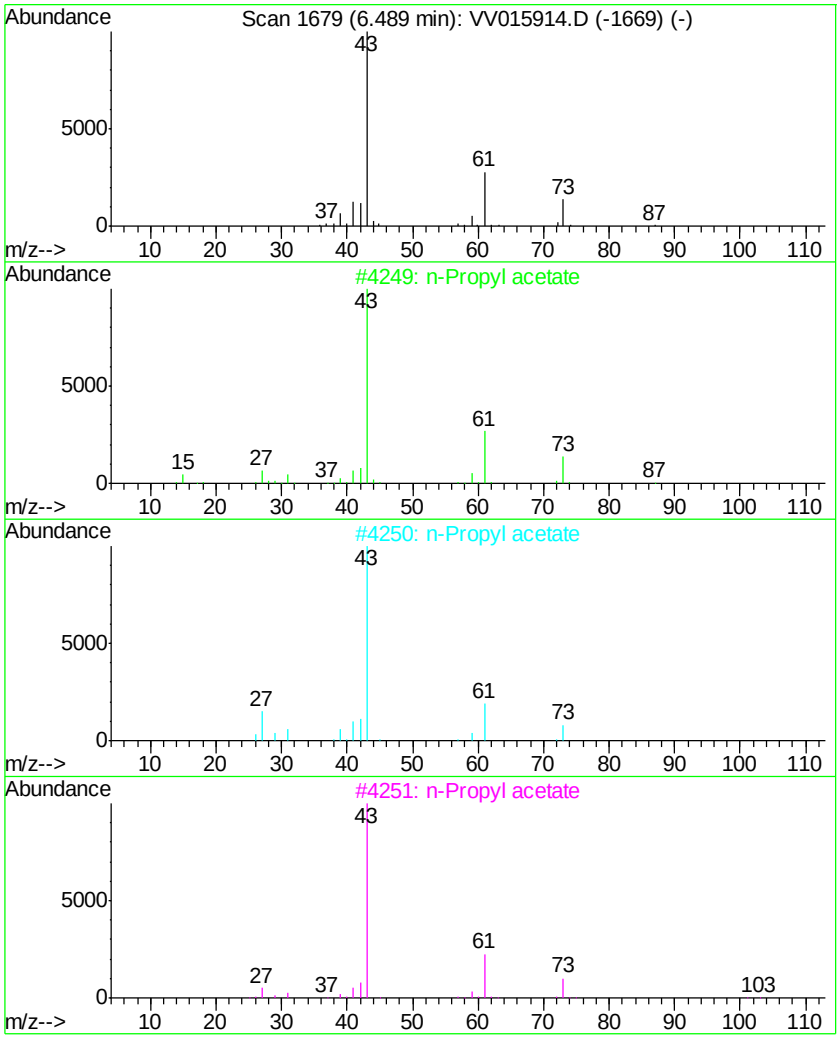
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

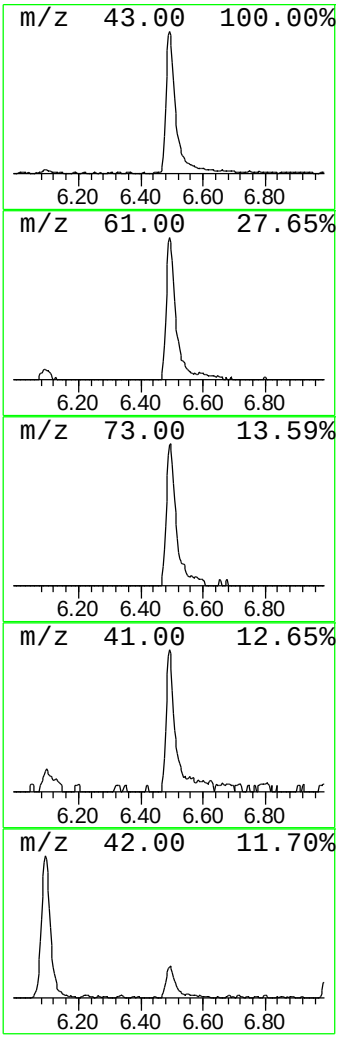
**********

Peak Number 3 n-Propyl acetate Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.49 | 1.11 ug/L | 80060 | 1,4-Difluorobenzene | 5.64 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Propyl acetate | 102 | C5H10O2 | 000109-60-4 | 83 |
| 2 | n-Propyl acetate | 102 | C5H10O2 | 000109-60-4 | 72 |
| 3 | n-Propyl acetate | 102 | C5H10O2 | 000109-60-4 | 40 |
| 4 | Isopropyl acetate | 102 | C5H10O2 | 000108-21-4 | 36 |
| 5 | Isopropyl acetate | 102 | C5H10O2 | 000108-21-4 | 33 |



Tentatively Identified Compound (LSC) summary

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Operator : SY/MD
Sample : L2527-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** BFSJ0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050520WMA.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 | 1.6 | ug/L | 113909 | 1 | 5.64 | 359404 | 5.0 |
| Ethyl Acetate | 4.11 | 1.7 | ug/L | 124229 | 1 | 5.64 | 359404 | 5.0 |
| n-Propyl acetate | 6.49 | 1.1 | ug/L | 80060 | 1 | 5.64 | 359404 | 5.0 |