LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062420\
Data File : VV017091.D
Acq On : 24 Jun 2020 23:05
Operator : SY/MD
Sample : L3105-15
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 24 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** BFXL8

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\SOMVTR061720WMA.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 | 14 | rVB | 53881 | 48907 | 4.19% | 0.700% |
| 2 | 1.315 | 62 | 70 | 80 | rVB | 65601 | 76981 | 6.59% | 1.102% |
| 3 | 1.579 | 145 | 152 | 164 | rBV | 56013 | 62194 | 5.33% | 0.890% |
| 4 | 2.126 | 312 | 322 | 334 | rBV2 | 120161 | 182505 | 15.63% | 2.613% |
| 5 | 2.782 | 517 | 526 | 531 | rBV7 | 6839 | 12538 | 1.07% | 0.179% |
| 6 | 3.212 | 647 | 660 | 676 | rVB2 | 34450 | 75561 | 6.47% | 1.082% |
| 7 | 3.939 | 869 | 886 | 913 | rBV2 | 249722 | 715456 | 61.26% | 10.242% |
| 8 | 4.100 | 922 | 936 | 976 | rVB | 444530 | 1167916 | 100.00% | 16.719% |
| 9 | 4.383 | 1004 | 1024 | 1047 | rBV3 | 123031 | 382437 | 32.75% | 5.475% |
| 10 | 4.708 | 1113 | 1125 | 1138 | rVB7 | 12669 | 31737 | 2.72% | 0.454% |
| 11 | 5.074 | 1223 | 1239 | 1260 | rBV2 | 231368 | 565030 | 48.38% | 8.089% |
| 12 | 5.643 | 1402 | 1416 | 1437 | rBV | 212529 | 429290 | 36.76% | 6.146% |
| 13 | 5.939 | 1496 | 1508 | 1523 | rBV3 | 22753 | 48401 | 4.14% | 0.693% |
| 14 | 6.097 | 1540 | 1557 | 1573 | rBV2 | 129183 | 270044 | 23.12% | 3.866% |
| 15 | 7.010 | 1830 | 1841 | 1856 | rBV | 67777 | 125232 | 10.72% | 1.793% |
| 16 | 7.338 | 1931 | 1943 | 1960 | rBV | 280753 | 484608 | 41.49% | 6.937% |
| 17 | 7.643 | 2028 | 2038 | 2053 | rBV2 | 41302 | 75593 | 6.47% | 1.082% |
| 18 | 8.109 | 2170 | 2183 | 2207 | rBV | 279661 | 481113 | 41.19% | 6.887% |
| 19 | 8.322 | 2240 | 2249 | 2259 | rBV | 22542 | 35170 | 3.01% | 0.503% |
| 20 | 8.871 | 2409 | 2420 | 2439 | rBV | 322183 | 528678 | 45.27% | 7.568% |
| 21 | 10.238 | 2832 | 2845 | 2860 | rBV | 97813 | 155591 | 13.32% | 2.227% |
| 22 | 11.270 | 3153 | 3166 | 3181 | rBV | 317537 | 493593 | 42.26% | 7.066% |
| 23 | 11.556 | 3245 | 3255 | 3265 | rBV10 | 6128 | 11729 | 1.00% | 0.168% |
| 24 | 11.646 | 3272 | 3283 | 3297 | rBV | 285466 | 444421 | 38.05% | 6.362% |
| 25 | 16.736 | 4854 | 4866 | 4878 | rBV2 | 50873 | 80665 | 6.91% | 1.155% |

Sum of corrected areas: 6985390

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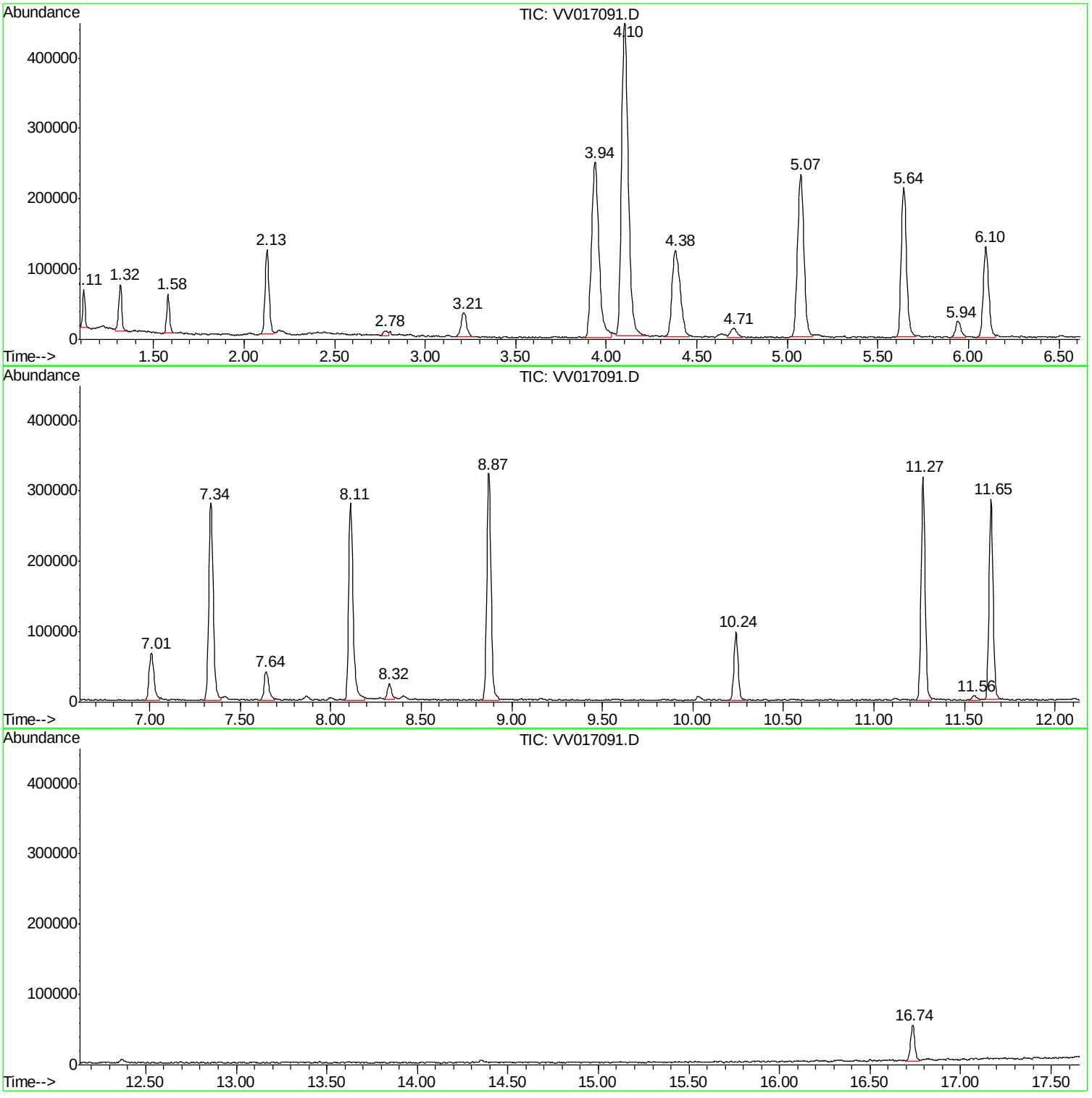
**Instrument :**
MSVOA_V
**ClientSampleId :**
BFXL8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

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



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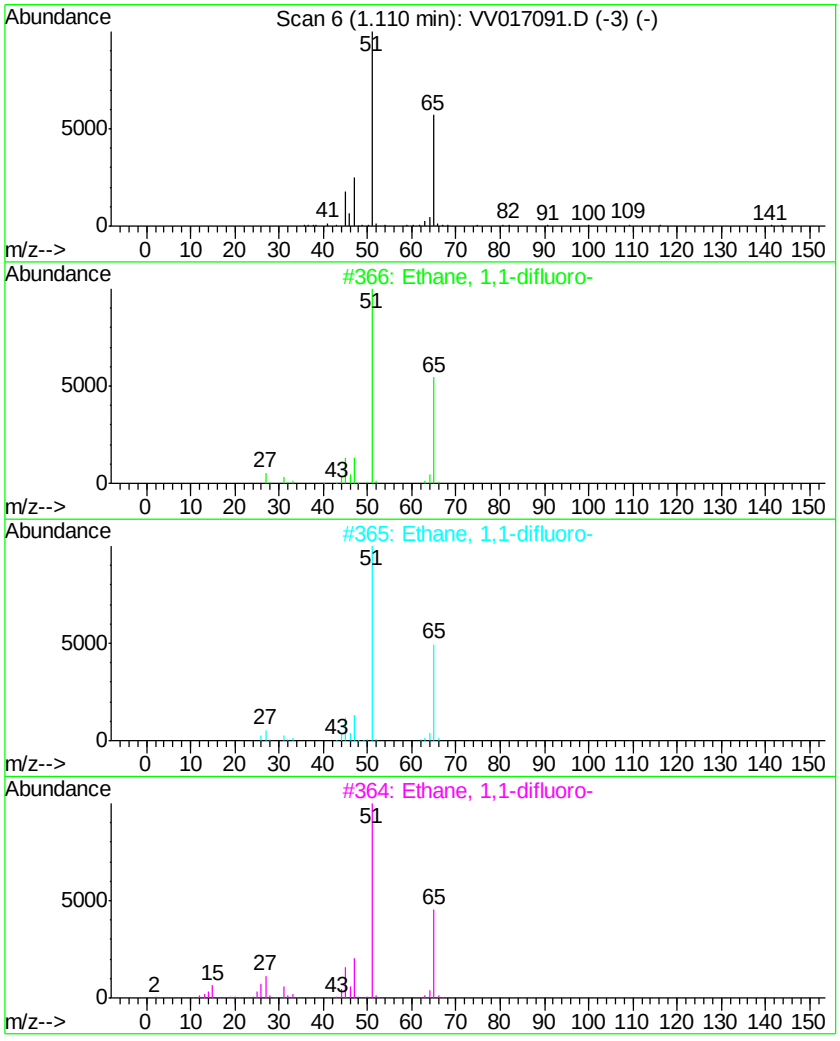
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

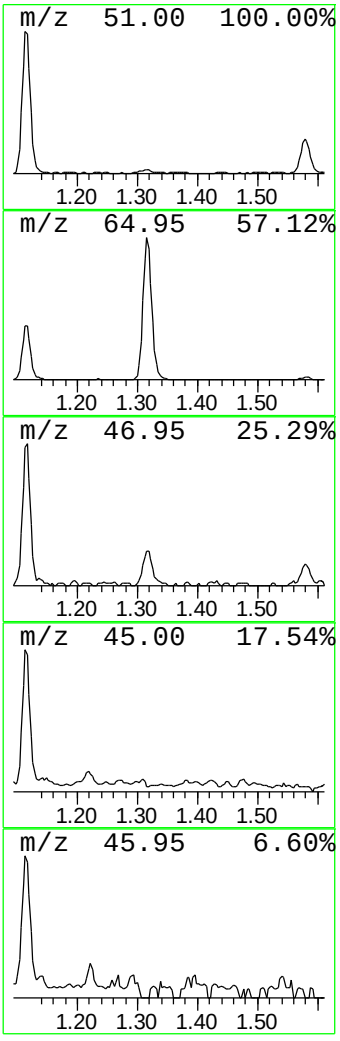
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 1.11 | 0.57 ug/L | 48907 | 1,4-Difluorobenzene | 5.64 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethane, 1,1-difluoro- | 66 | C2H4F2 | 000075-37-6 | 90 |
| 2 | Ethane, 1,1-difluoro- | 66 | C2H4F2 | 000075-37-6 | 90 |
| 3 | Ethane, 1,1-difluoro- | 66 | C2H4F2 | 000075-37-6 | 53 |
| 4 | Propane, 2,2-difluoro- | 80 | C3H6F2 | 000420-45-1 | 4 |
| 5 | Propane, 2,2-difluoro- | 80 | C3H6F2 | 000420-45-1 | 4 |



# Library Search Compound Report

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ALS Vial : 24 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** BFXL8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

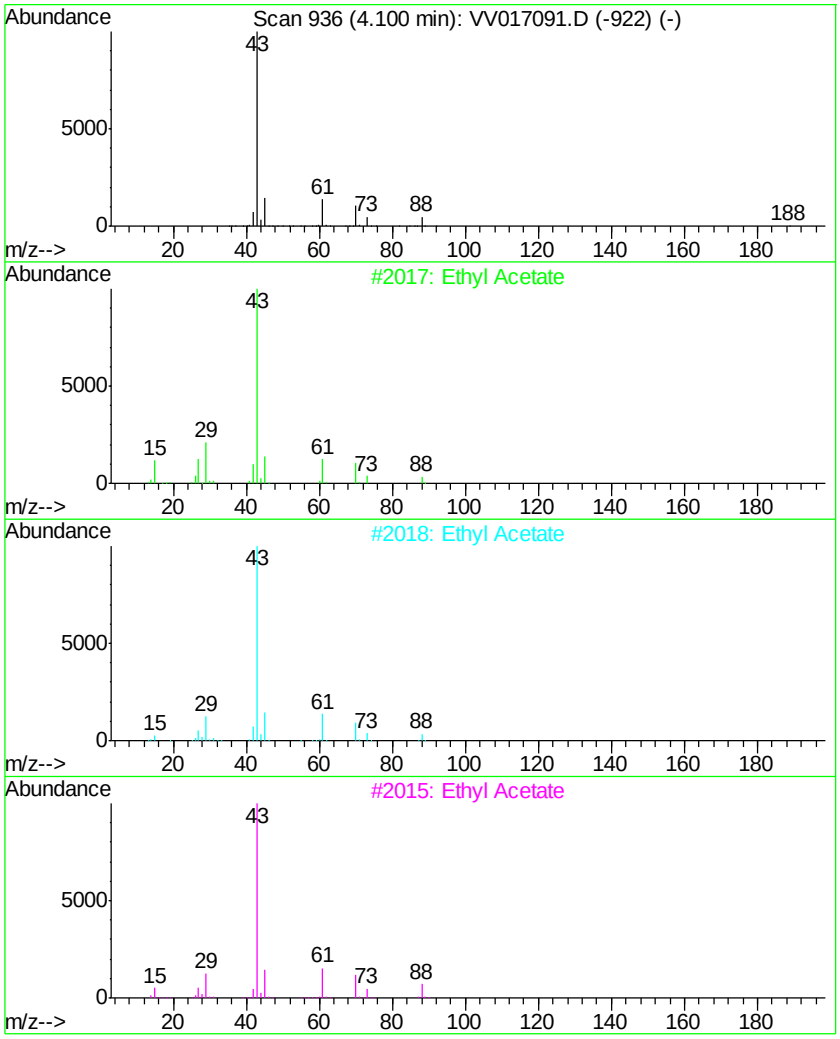
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

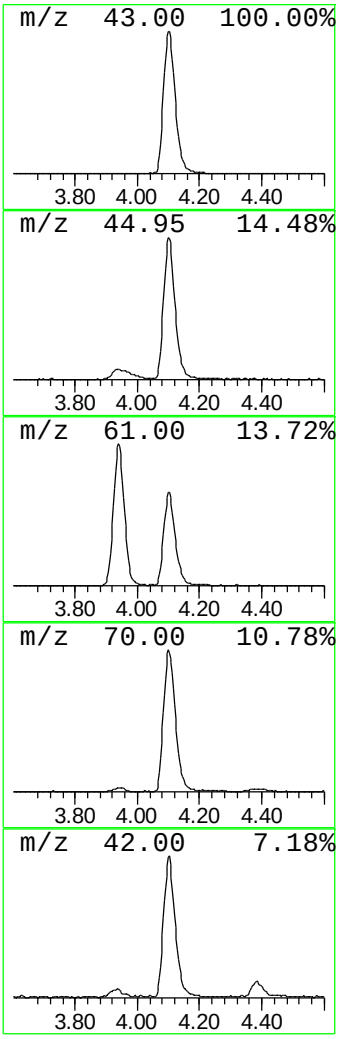
**********

Peak Number 2 Ethyl Acetate Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.10 | 13.60 ug/L | 1167920 | 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 | 86 |
| 4 | Ethyl Acetate | 88 | C4H8O2 | 000141-78-6 | 86 |
| 5 | CH3C(O)CH2CH2OH | 88 | C4H8O2 | 000590-90-9 | 33 |



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**Instrument :** MSVOA_V
**ClientSampleId :** BFXL8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

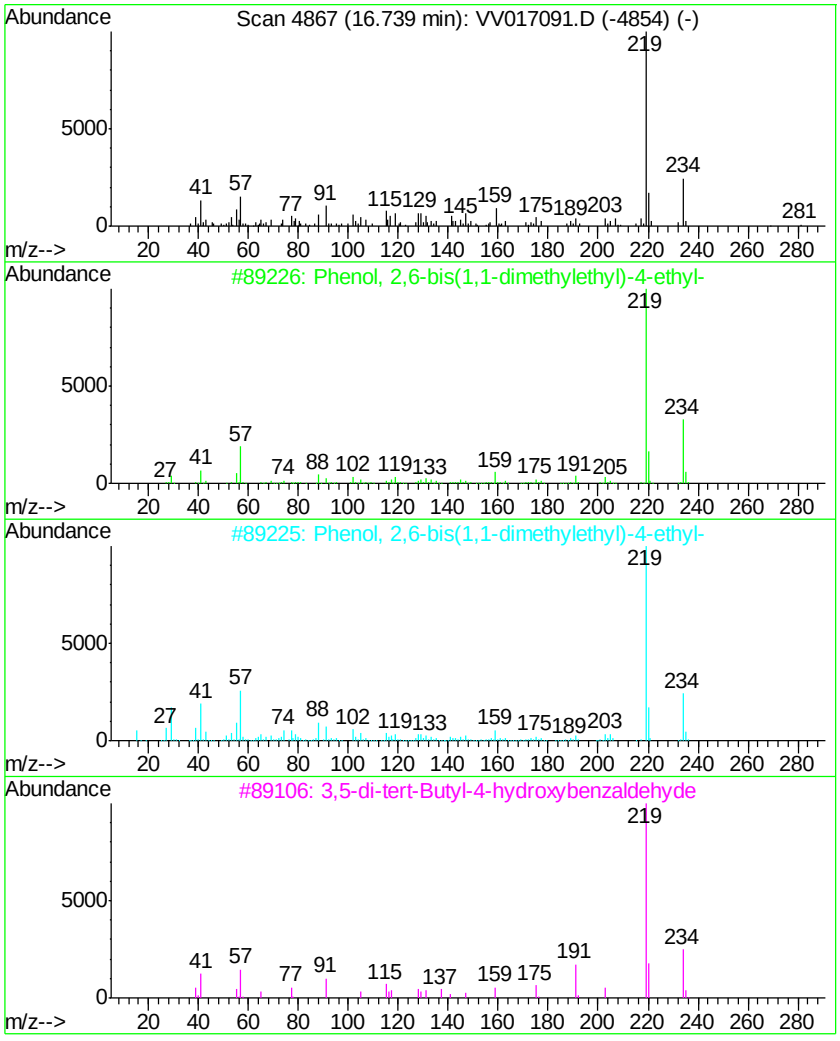
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

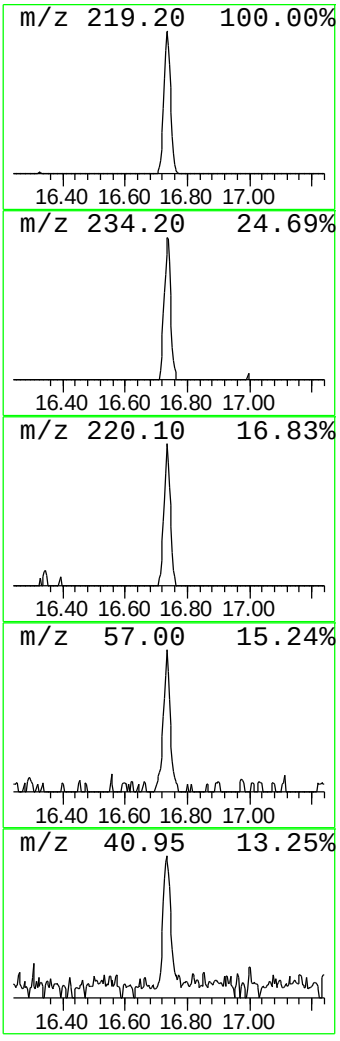
**********

Peak Number 4 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.74 | 0.82 ug/L | 80665 | 1,4-Dichlorobenzene-d4 | 11.27 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2,6-bis(1,1-dimethylethy... | 234 | C16H26O | 004130-42-1 | 95 |
| 2 | Phenol, 2,6-bis(1,1-dimethylethy... | 234 | C16H26O | 004130-42-1 | 95 |
| 3 | 3,5-di-tert-Butyl-4-hydroxybenza... | 234 | C15H22O2 | 001620-98-0 | 93 |
| 4 | Phenol, 2,6-bis(1,1-dimethylethy... | 234 | C16H26O | 004130-42-1 | 91 |
| 5 | 3,5-di-tert-Butyl-4-hydroxybenza... | 234 | C15H22O2 | 001620-98-0 | 90 |



Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Ethane, 1,1-diflu... | 1.11 | 0.6 | ug/L | 48907 | 1 | 5.64 | 429290 | 5.0 |
| Ethyl Acetate | 4.10 | 13.6 | ug/L | 1167920 | 1 | 5.64 | 429290 | 5.0 |
| Phenol, 2,6-bis(1... | 16.74 | 0.8 | ug/L | 80665 | 3 | 11.27 | 493593 | 5.0 |