LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042920\
Data File : VV015817.D
Acq On : 30 Apr 2020 02:52
Operator : SY/MD
Sample : L2431-11
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 45 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** ETKS0

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\SOMVTR042220WMA.M
Title : TRACE VOA SOM01.0

Signal : TIC: VV015820.D

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.222 | 27 | 41 | 44 | rBV3 | 6950 | 12805 | 2.91% | 0.205% |
| 2 | 1.312 | 62 | 69 | 83 | rVB | 63897 | 69021 | 15.67% | 1.107% |
| 3 | 1.576 | 144 | 151 | 168 | rVB | 56602 | 69069 | 15.68% | 1.108% |
| 4 | 2.122 | 310 | 321 | 335 | rBV | 101026 | 146886 | 33.34% | 2.356% |
| 5 | 2.299 | 364 | 376 | 395 | rVB2 | 7155 | 16273 | 3.69% | 0.261% |
| 6 | 3.904 | 865 | 875 | 900 | rBV | 57167 | 165441 | 37.55% | 2.654% |
| 7 | 4.376 | 1005 | 1022 | 1047 | rBV | 69391 | 189037 | 42.91% | 3.033% |
| 8 | 5.074 | 1220 | 1239 | 1278 | rBV2 | 167691 | 440546 | 100.00% | 7.067% |
| 9 | 5.643 | 1403 | 1416 | 1444 | rBV | 156040 | 318861 | 72.38% | 5.115% |
| 10 | 6.093 | 1540 | 1556 | 1579 | rBV | 100055 | 208462 | 47.32% | 3.344% |
| 11 | 7.010 | 1830 | 1841 | 1862 | rBV2 | 42293 | 80096 | 18.18% | 1.285% |
| 12 | 7.338 | 1931 | 1943 | 1960 | rBV2 | 199732 | 354056 | 80.37% | 5.680% |
| 13 | 7.412 | 1962 | 1966 | 1978 | rVB6 | 5206 | 9383 | 2.13% | 0.151% |
| 14 | 7.495 | 1983 | 1992 | 2004 | rVV6 | 2677 | 5332 | 1.21% | 0.086% |
| 15 | 7.646 | 2028 | 2039 | 2057 | rBV2 | 24721 | 45442 | 10.31% | 0.729% |
| 16 | 7.733 | 2059 | 2066 | 2079 | rVB3 | 3650 | 6391 | 1.45% | 0.103% |
| 17 | 8.109 | 2171 | 2183 | 2216 | rBV | 229275 | 426001 | 96.70% | 6.834% |
| 18 | 8.875 | 2403 | 2421 | 2446 | rBV | 239783 | 404641 | 91.85% | 6.491% |
| 19 | 8.974 | 2446 | 2452 | 2462 | rVV10 | 2909 | 5203 | 1.18% | 0.083% |
| 20 | 9.035 | 2465 | 2471 | 2494 | rVV5 | 5934 | 13870 | 3.15% | 0.223% |
| 21 | 9.164 | 2498 | 2511 | 2525 | rVV | 73294 | 122166 | 27.73% | 1.960% |
| 22 | 9.238 | 2525 | 2534 | 2550 | rVB2 | 5750 | 12520 | 2.84% | 0.201% |
| 23 | 9.566 | 2623 | 2636 | 2655 | rBV | 57472 | 93034 | 21.12% | 1.492% |
| 24 | 9.698 | 2667 | 2677 | 2684 | rBV5 | 5689 | 9142 | 2.08% | 0.147% |
| 25 | 9.765 | 2687 | 2698 | 2707 | rVV5 | 2766 | 4646 | 1.05% | 0.075% |
| 26 | 9.952 | 2743 | 2756 | 2767 | rVB3 | 14406 | 24333 | 5.52% | 0.390% |
| 27 | 10.238 | 2834 | 2845 | 2858 | rBV | 69026 | 110222 | 25.02% | 1.768% |
| 28 | 10.376 | 2875 | 2888 | 2895 | rBV2 | 18467 | 30052 | 6.82% | 0.482% |
| 29 | 10.412 | 2896 | 2899 | 2909 | rVV8 | 8366 | 11403 | 2.59% | 0.183% |
| 30 | 10.495 | 2909 | 2925 | 2935 | rVV | 27409 | 55286 | 12.55% | 0.887% |
| 31 | 10.563 | 2938 | 2946 | 2956 | rVB4 | 6496 | 9564 | 2.17% | 0.153% |
| 32 | 10.759 | 2997 | 3007 | 3016 | rBV | 25209 | 41049 | 9.32% | 0.659% |
| 33 | 10.936 | 3046 | 3062 | 3074 | rBV | 78479 | 124139 | 28.18% | 1.991% |
| 34 | 11.013 | 3078 | 3086 | 3096 | rVB4 | 8668 | 13076 | 2.97% | 0.210% |

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042920\
Data File : VV015817.D
Acq On : 30 Apr 2020 02:52
Operator : SY/MD
Sample : L2431-11
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 45 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** ETKS0

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\SOMVTR042220WMA.M
Title : TRACE VOA SOM01.0

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 11.077 | 3097 | 3106 | 3112 | rBV7 | 3770 | 6248 | 1.42% | 0.100% |
| 36 | 11.270 | 3151 | 3166 | 3186 | rBV | 260815 | 404428 | 91.80% | 6.488% |
| 37 | 11.357 | 3186 | 3193 | 3202 | rBV | 13541 | 20483 | 4.65% | 0.329% |
| 38 | 11.421 | 3207 | 3213 | 3225 | rVV4 | 10952 | 18667 | 4.24% | 0.299% |
| 39 | 11.476 | 3225 | 3230 | 3241 | rVB8 | 4719 | 7167 | 1.63% | 0.115% |
| 40 | 11.550 | 3241 | 3253 | 3267 | rBV | 150562 | 236222 | 53.62% | 3.790% |
| 41 | 11.646 | 3267 | 3283 | 3300 | rVB | 209166 | 340993 | 77.40% | 5.470% |
| 42 | 11.768 | 3311 | 3321 | 3330 | rBV | 53543 | 90341 | 20.51% | 1.449% |
| 43 | 11.923 | 3359 | 3369 | 3371 | rBV4 | 5342 | 7238 | 1.64% | 0.116% |
| 44 | 12.038 | 3398 | 3405 | 3411 | rBV2 | 5318 | 7994 | 1.81% | 0.128% |
| 45 | 12.087 | 3411 | 3420 | 3428 | rBV4 | 13613 | 22268 | 5.05% | 0.357% |
| 46 | 12.138 | 3428 | 3436 | 3443 | rBV | 25730 | 36607 | 8.31% | 0.587% |
| 47 | 12.183 | 3444 | 3450 | 3458 | rVB6 | 12699 | 18442 | 4.19% | 0.296% |
| 48 | 12.231 | 3458 | 3465 | 3469 | rBV7 | 5759 | 7406 | 1.68% | 0.119% |
| 49 | 12.270 | 3472 | 3477 | 3488 | rVB5 | 7893 | 15623 | 3.55% | 0.251% |
| 50 | 12.337 | 3489 | 3498 | 3503 | rBV7 | 8297 | 14135 | 3.21% | 0.227% |
| 51 | 12.382 | 3503 | 3512 | 3522 | rVB | 64113 | 99921 | 22.68% | 1.603% |
| 52 | 12.485 | 3532 | 3544 | 3550 | rBV2 | 124152 | 255469 | 57.99% | 4.098% |
| 53 | 12.530 | 3551 | 3558 | 3566 | rVB | 238797 | 335866 | 76.24% | 5.388% |
| 54 | 12.627 | 3585 | 3588 | 3599 | rVB8 | 4577 | 5896 | 1.34% | 0.095% |
| 55 | 12.685 | 3599 | 3606 | 3613 | rBV10 | 4203 | 6330 | 1.44% | 0.102% |
| 56 | 12.746 | 3613 | 3625 | 3636 | rVB | 25153 | 44834 | 10.18% | 0.719% |
| 57 | 12.903 | 3652 | 3674 | 3688 | rBV3 | 41116 | 91228 | 20.71% | 1.463% |
| 58 | 12.971 | 3688 | 3695 | 3708 | rVB2 | 27139 | 45875 | 10.41% | 0.736% |
| 59 | 13.080 | 3714 | 3729 | 3743 | rVB2 | 52101 | 88138 | 20.01% | 1.414% |
| 60 | 13.170 | 3748 | 3757 | 3765 | rBV10 | 5740 | 10197 | 2.31% | 0.164% |
| 61 | 13.244 | 3773 | 3780 | 3786 | rBV8 | 9835 | 14775 | 3.35% | 0.237% |
| 62 | 13.289 | 3787 | 3794 | 3811 | rVB9 | 13625 | 32968 | 7.48% | 0.529% |
| 63 | 13.415 | 3828 | 3833 | 3839 | rBV8 | 3453 | 5440 | 1.23% | 0.087% |
| 64 | 13.460 | 3842 | 3847 | 3856 | rVB7 | 12403 | 18104 | 4.11% | 0.290% |
| 65 | 13.527 | 3856 | 3868 | 3873 | rBV2 | 36766 | 67681 | 15.36% | 1.086% |
| 66 | 13.566 | 3874 | 3880 | 3892 | rVB3 | 40192 | 71831 | 16.30% | 1.152% |
| 67 | 13.688 | 3908 | 3918 | 3928 | rVB | 59059 | 92196 | 20.93% | 1.479% |
| 68 | 13.788 | 3941 | 3949 | 3959 | rVB3 | 15638 | 23580 | 5.35% | 0.378% |
| 69 | 14.006 | 4010 | 4017 | 4030 | rVB10 | 5232 | 11548 | 2.62% | 0.185% |
| 70 | 14.842 | 4267 | 4277 | 4287 | rBV5 | 5942 | 10004 | 2.27% | 0.160% |

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042920\
Data File : VV015817.D
Acq On : 30 Apr 2020 02:52
Operator : SY/MD
Sample : L2431-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** ETKS0

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\SOMVTR042220WMA.M
Title : TRACE VOA SOM01.0

Sum of corrected areas: 6233591

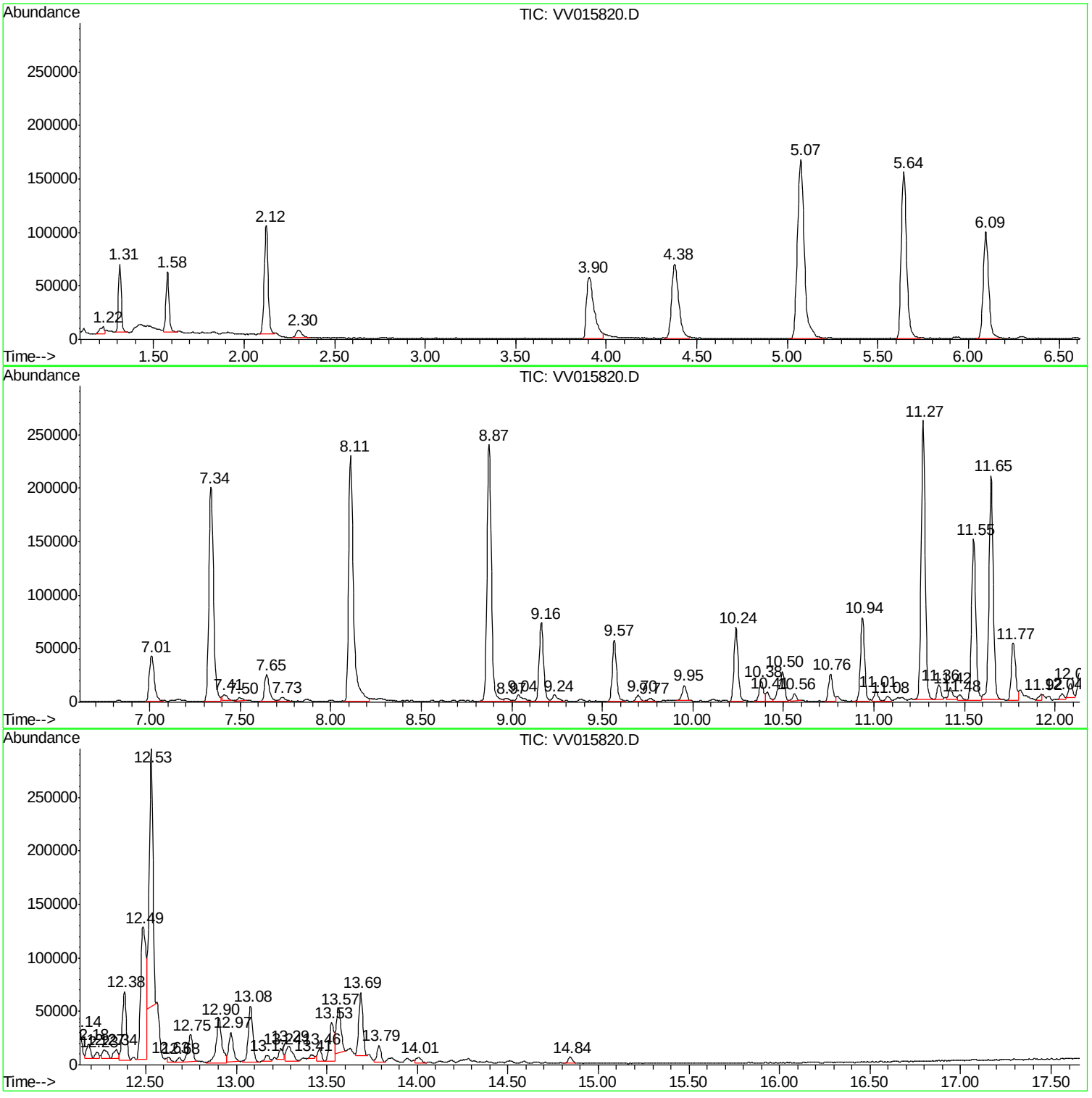
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042920\
Data File : VV015817.D
Acq On : 30 Apr 2020 02:52
Operator : SY/MD
Sample : L2431-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** ETKS0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.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\VV042920\
Data File : VV015817.D
Acq On : 30 Apr 2020 02:52
Operator : SY/MD
Sample : L2431-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** ETKS0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0

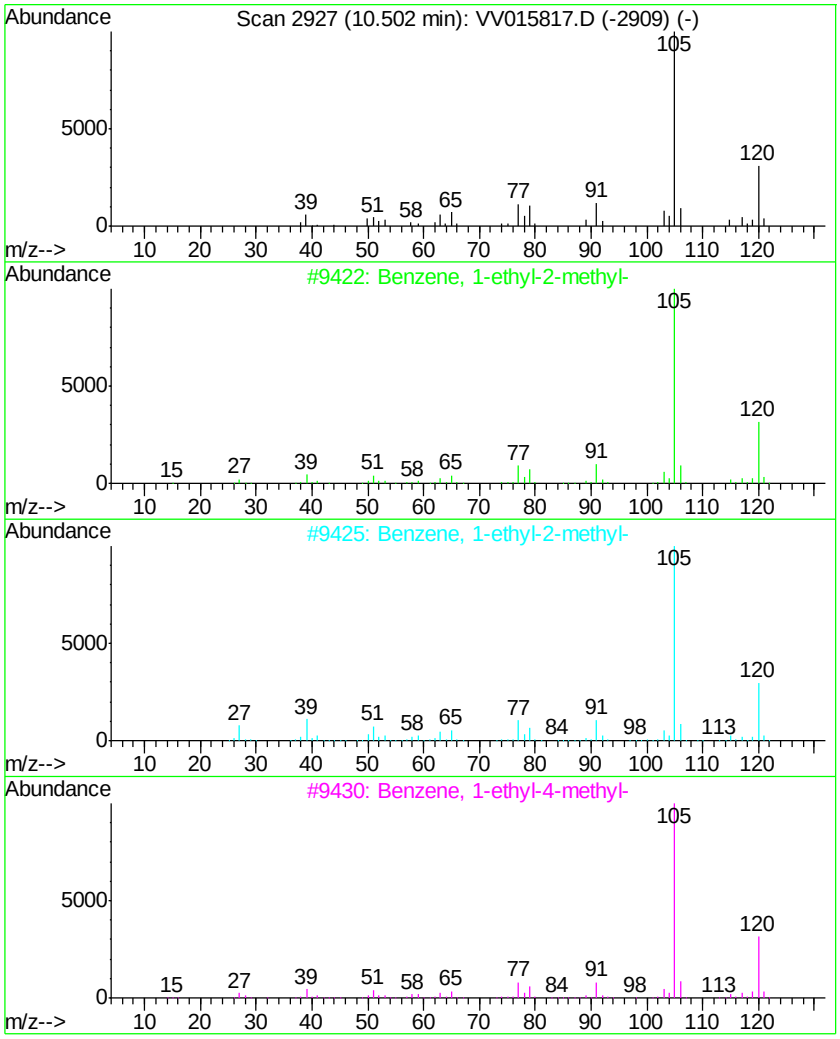
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

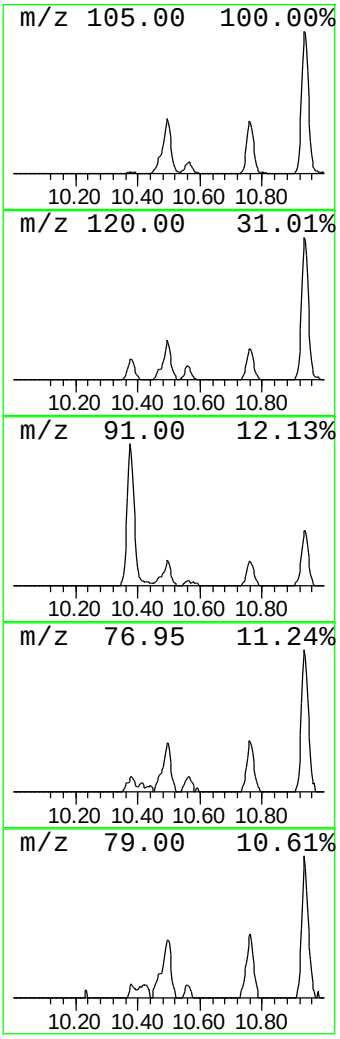
**********

Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.50 | 0.68 ug/L | 55286 | 1,4-Dichlorobenzene-d4 | 11.27 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 95 |
| 2 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 94 |
| 3 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 94 |
| 4 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 94 |
| 5 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 94 |



# Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042920\
Data File : VV015817.D
Acq On : 30 Apr 2020 02:52
Operator : SY/MD
Sample : L2431-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** ETKS0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0

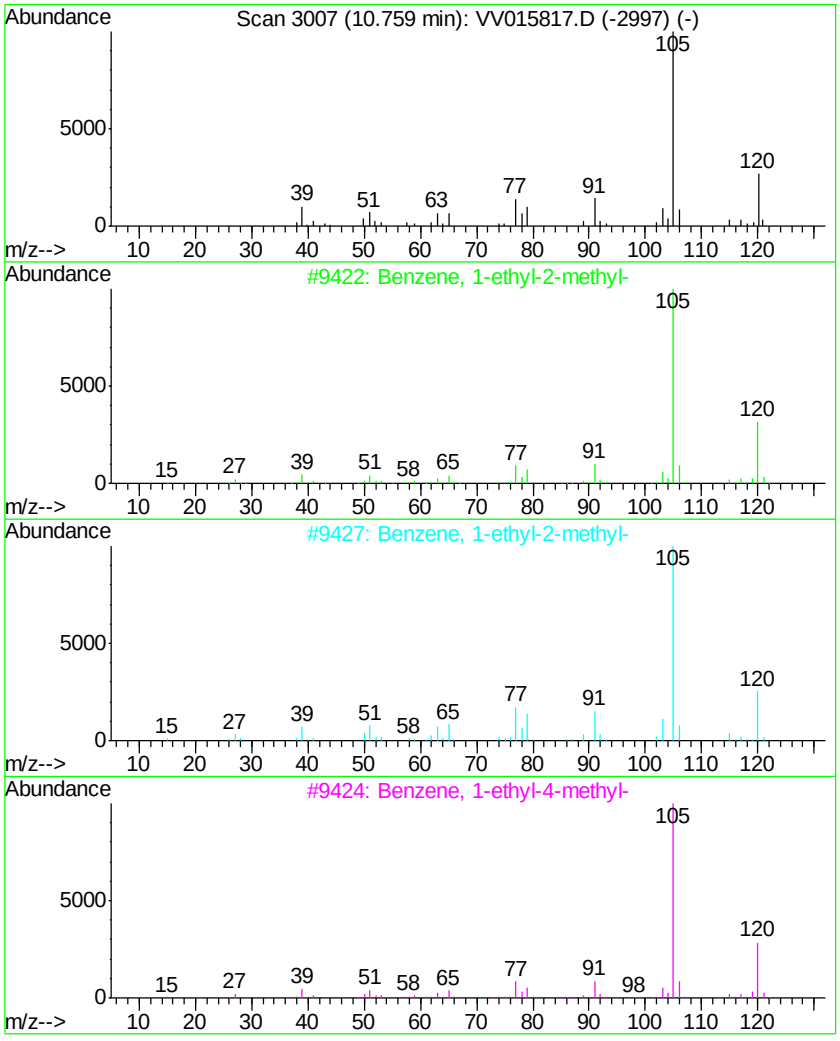
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

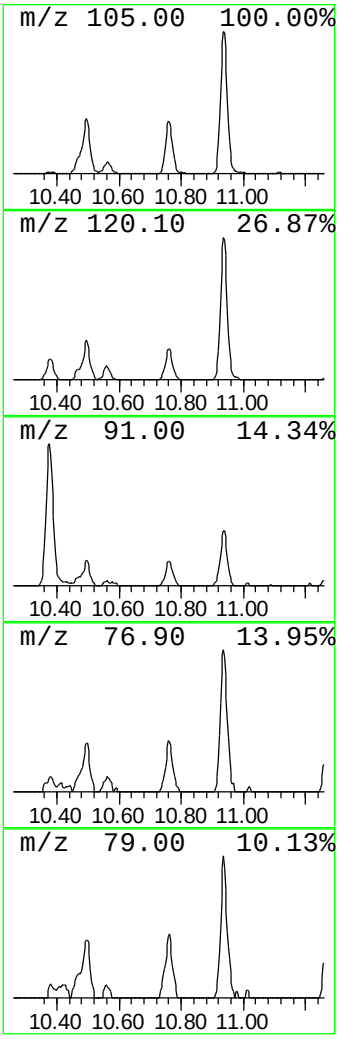
**********

Peak Number 3 Benzene, 1-ethyl-4-methyl- Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.76 | 0.51 ug/L | 41049 | 1,4-Dichlorobenzene-d4 | 11.27 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 94 |
| 2 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 94 |
| 3 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 91 |
| 4 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |
| 5 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 91 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042920\
Data File : VV015817.D
Acq On : 30 Apr 2020 02:52
Operator : SY/MD
Sample : L2431-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** ETKS0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0

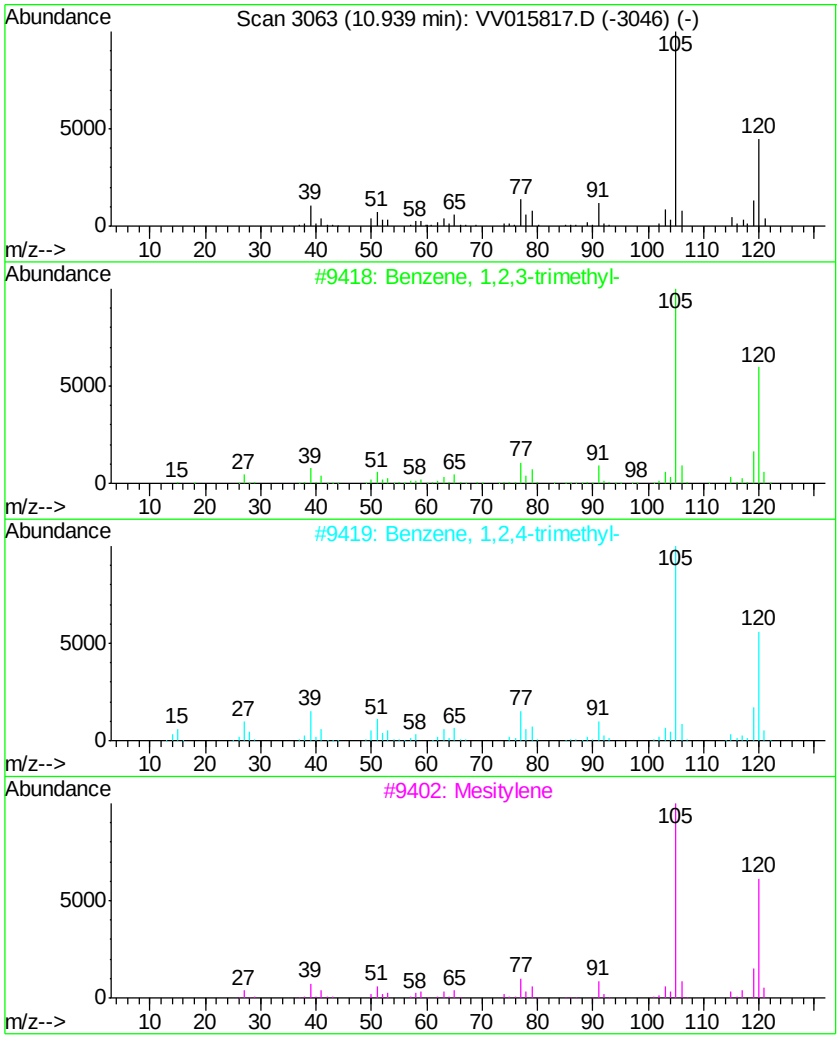
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

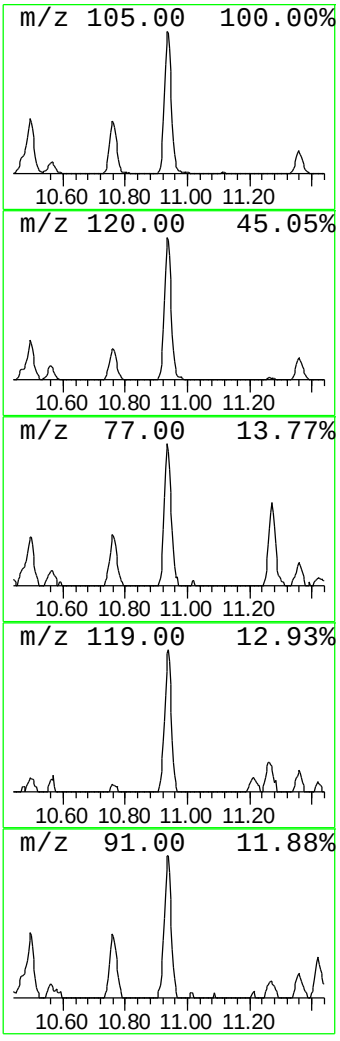
**********

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.94 | 1.53 ug/L | 124139 | 1,4-Dichlorobenzene-d4 | 11.27 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 97 |
| 2 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 95 |
| 3 | Mesitylene | 120 | C9H12 | 000108-67-8 | 95 |
| 4 | Mesitylene | 120 | C9H12 | 000108-67-8 | 94 |
| 5 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 94 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042920\
Data File : VV015817.D
Acq On : 30 Apr 2020 02:52
Operator : SY/MD
Sample : L2431-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** ETKS0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0

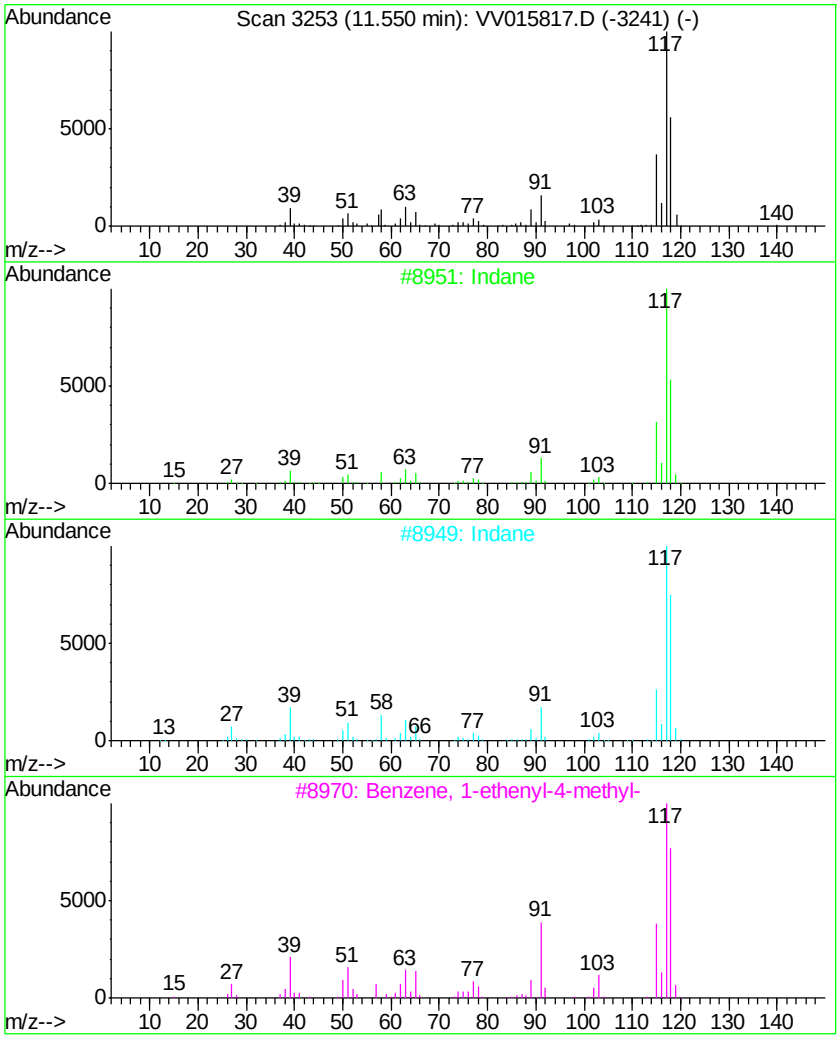
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

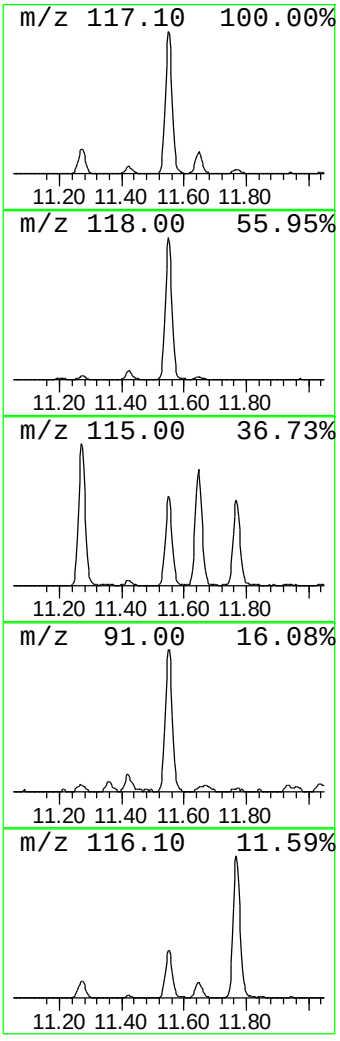
**********

Peak Number 5 Indane Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.55 | 2.92 ug/L | 236222 | 1,4-Dichlorobenzene-d4 | 11.27 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indane | 118 | C9H10 | 000496-11-7 | 94 |
| 2 | Indane | 118 | C9H10 | 000496-11-7 | 91 |
| 3 | Benzene, 1-ethenyl-4-methyl- | 118 | C9H10 | 000622-97-9 | 83 |
| 4 | Benzene, 1-ethenyl-2-methyl- | 118 | C9H10 | 000611-15-4 | 76 |
| 5 | Benzene, 2-propenyl- | 118 | C9H10 | 000300-57-2 | 76 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042920\
Data File : VV015817.D
Acq On : 30 Apr 2020 02:52
Operator : SY/MD
Sample : L2431-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** ETKS0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0

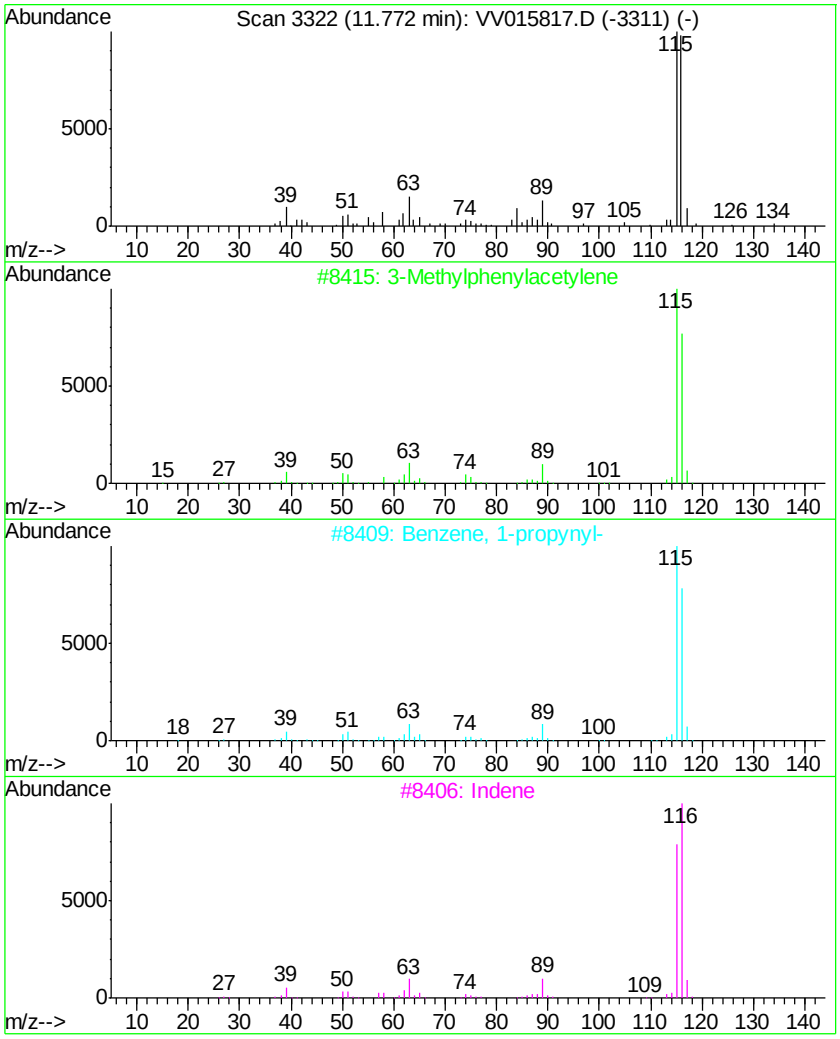
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

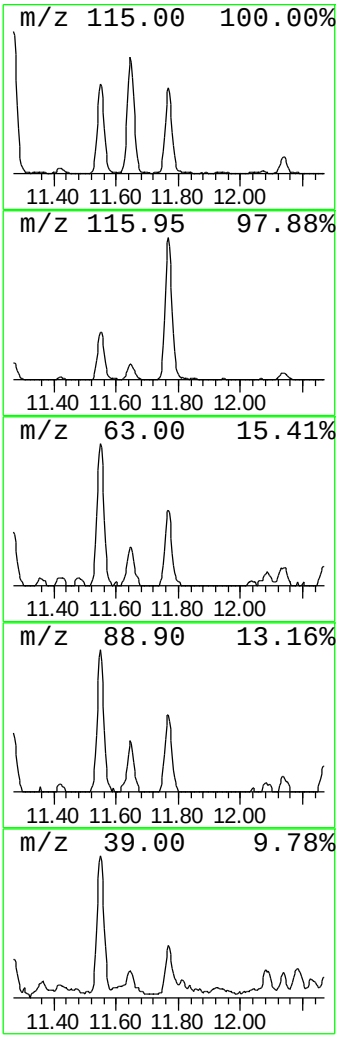
**********

Peak Number 6 3-Methylphenylacetylene Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.77 | 1.12 ug/L | 90341 | 1,4-Dichlorobenzene-d4 | 11.27 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Methylphenylacetylene | 116 | C9H8 | 000766-82-5 | 94 |
| 2 | Benzene, 1-propynyl- | 116 | C9H8 | 000673-32-5 | 91 |
| 3 | Indene | 116 | C9H8 | 000095-13-6 | 91 |
| 4 | Benzene, 1-ethynyl-4-methyl- | 116 | C9H8 | 000766-97-2 | 86 |
| 5 | 2-Methylphenylacetylene | 116 | C9H8 | 000766-47-2 | 86 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042920\
Data File : VV015817.D
Acq On : 30 Apr 2020 02:52
Operator : SY/MD
Sample : L2431-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** ETKS0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0

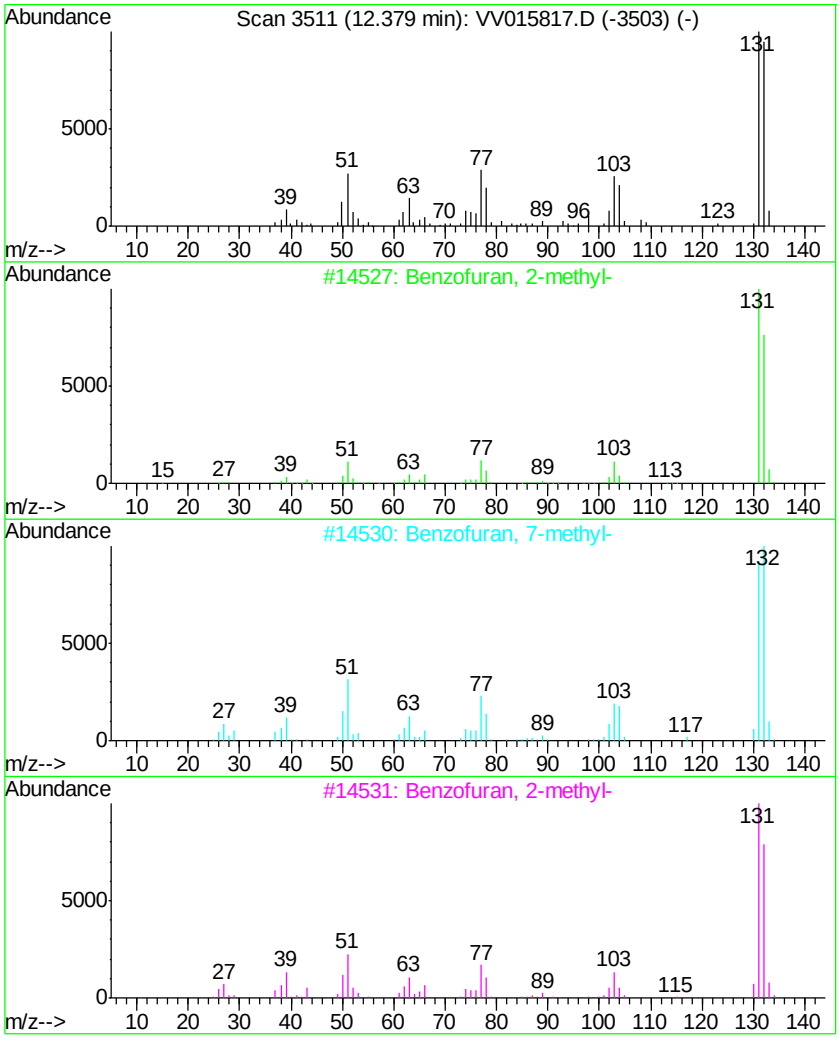
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

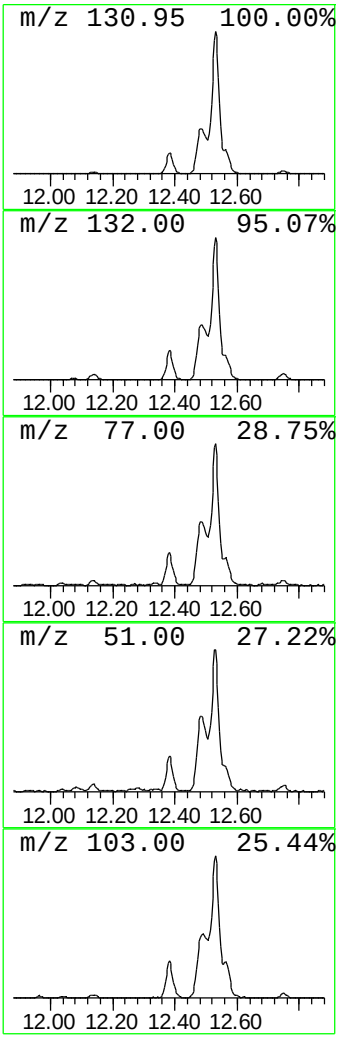
**********

Peak Number 7 Benzofuran, 2-methyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.38 | 1.24 ug/L | 99921 | 1,4-Dichlorobenzene-d4 | 11.27 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzofuran, 2-methyl- | 132 | C9H8O | 004265-25-2 | 94 |
| 2 | Benzofuran, 7-methyl- | 132 | C9H8O | 017059-52-8 | 94 |
| 3 | Benzofuran, 2-methyl- | 132 | C9H8O | 004265-25-2 | 93 |
| 4 | Cinnamaldehyde, (E)- | 132 | C9H8O | 014371-10-9 | 91 |
| 5 | 3-Phenyl-2-propyn-1-ol | 132 | C9H8O | 001504-58-1 | 90 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042920\
Data File : VV015817.D
Acq On : 30 Apr 2020 02:52
Operator : SY/MD
Sample : L2431-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** ETKS0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0

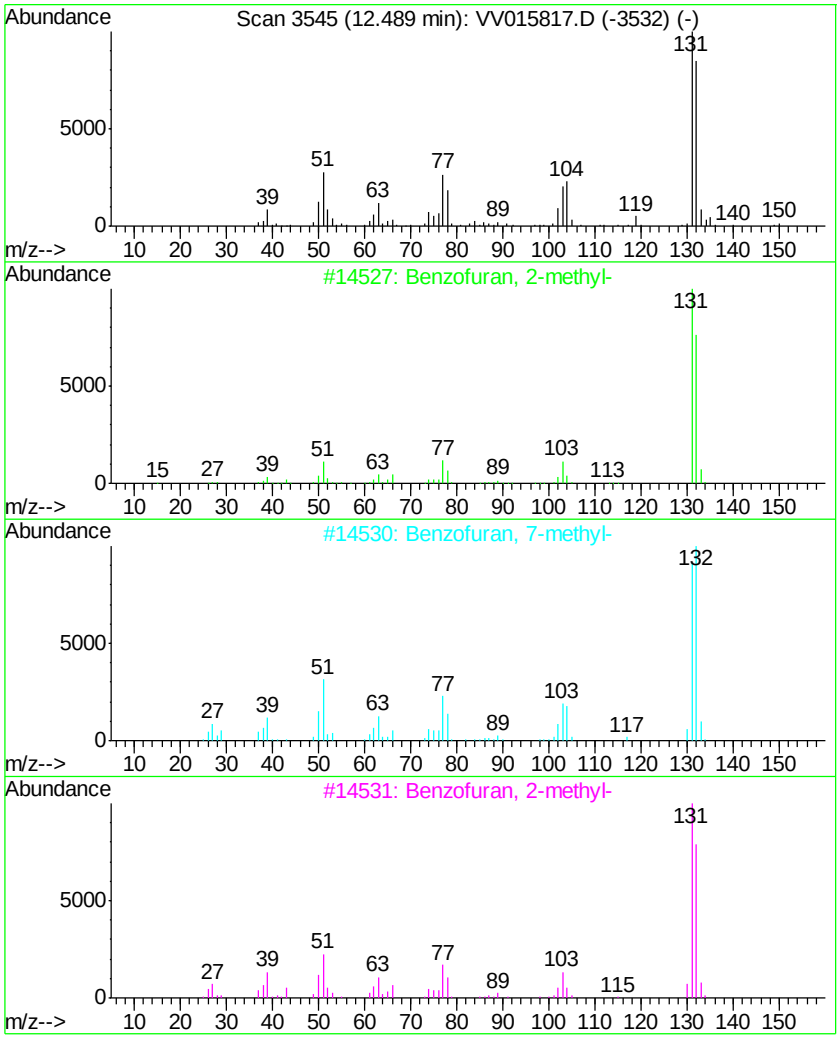
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

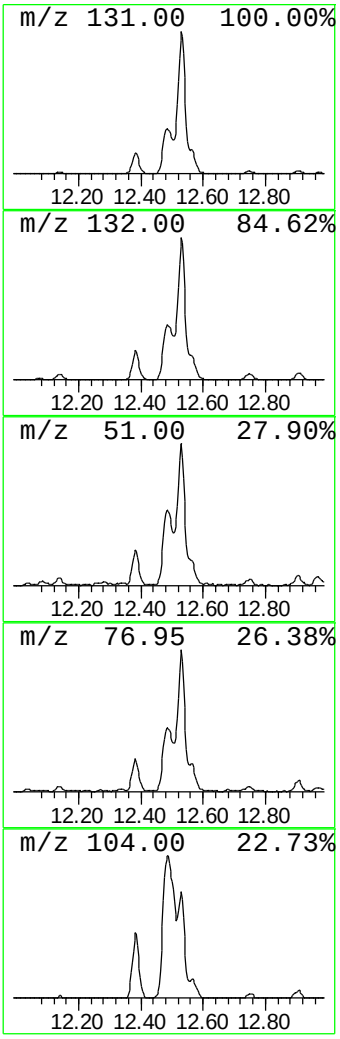
**********

Peak Number 8 Benzofuran, 7-methyl- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.49 | 3.16 ug/L | 255469 | 1,4-Dichlorobenzene-d4 | 11.27 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzofuran, 2-methyl- | 132 | C9H8O | 004265-25-2 | 94 |
| 2 | Benzofuran, 7-methyl- | 132 | C9H8O | 017059-52-8 | 93 |
| 3 | Benzofuran, 2-methyl- | 132 | C9H8O | 004265-25-2 | 93 |
| 4 | 2-Propenal, 3-phenyl- | 132 | C9H8O | 000104-55-2 | 91 |
| 5 | Benzofuran, 2-methyl- | 132 | C9H8O | 004265-25-2 | 90 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042920\
Data File : VV015817.D
Acq On : 30 Apr 2020 02:52
Operator : SY/MD
Sample : L2431-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** ETKS0

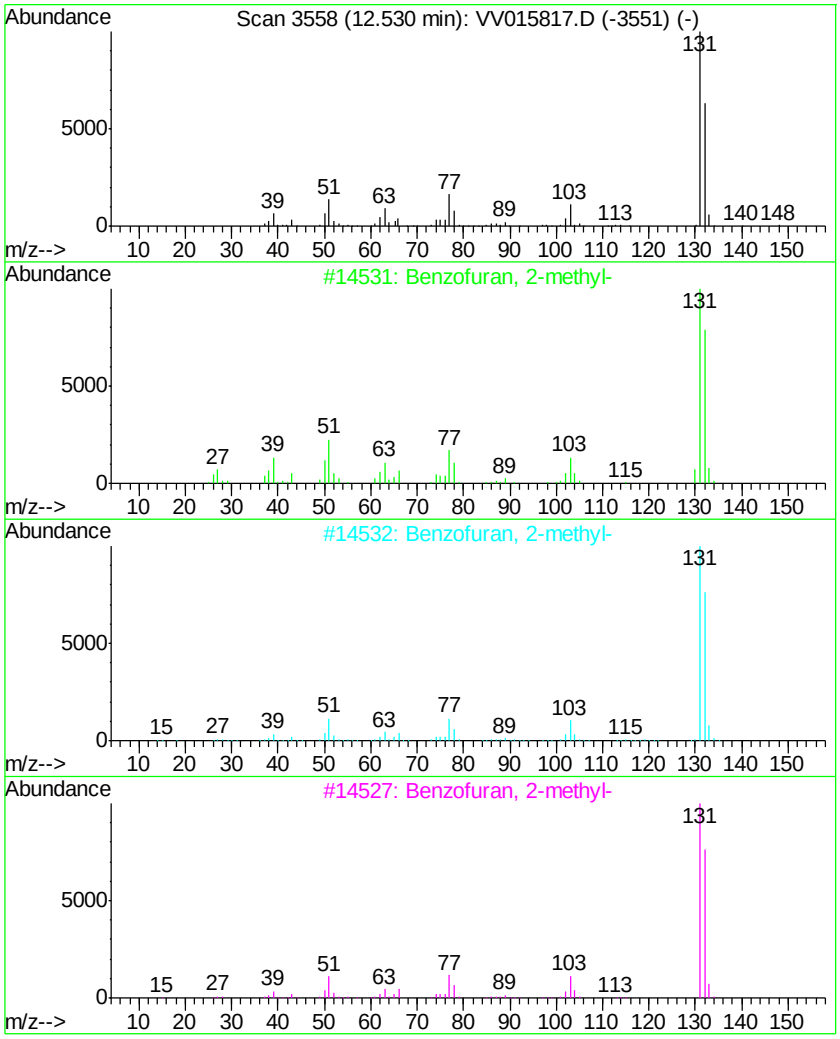
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0

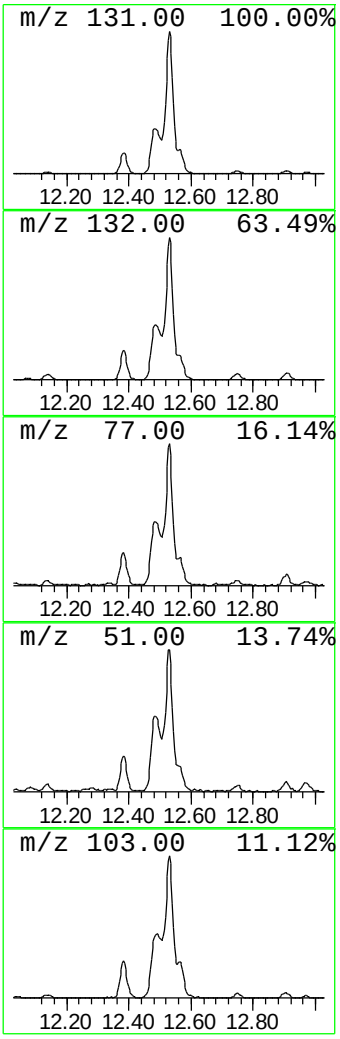
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 1H-Pyrrolo[2,3-b]pyridine, ... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.53 | 4.15 ug/L | 335866 | 1,4-Dichlorobenzene-d4 | 11.27 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzofuran, 2-methyl- | 132 | C9H8O | 004265-25-2 | 91 |
| 2 | Benzofuran, 2-methyl- | 132 | C9H8O | 004265-25-2 | 91 |
| 3 | Benzofuran, 2-methyl- | 132 | C9H8O | 004265-25-2 | 91 |
| 4 | 1H-Pyrrolo[2,3-b]pyridine, 2-met... | 132 | C8H8N2 | 023612-48-8 | 80 |
| 5 | Cinnamaldehyde, (E)- | 132 | C9H8O | 014371-10-9 | 72 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042920\
Data File : VV015817.D
Acq On : 30 Apr 2020 02:52
Operator : SY/MD
Sample : L2431-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** ETKS0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0

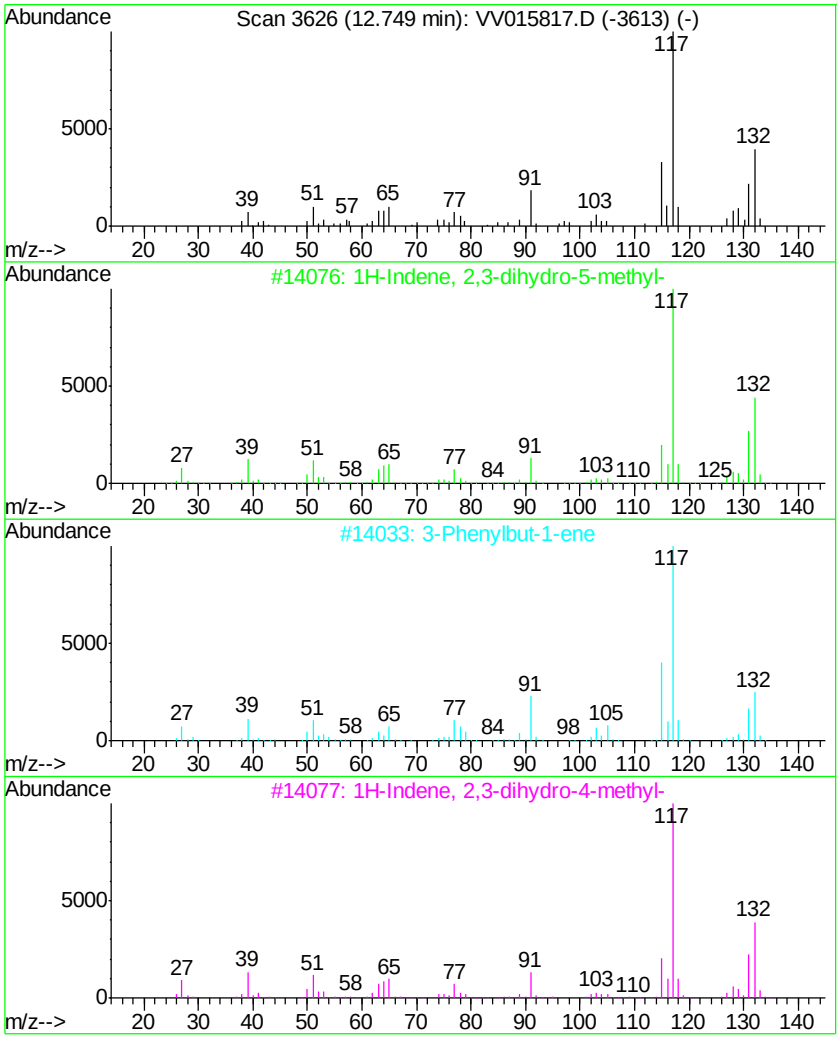
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

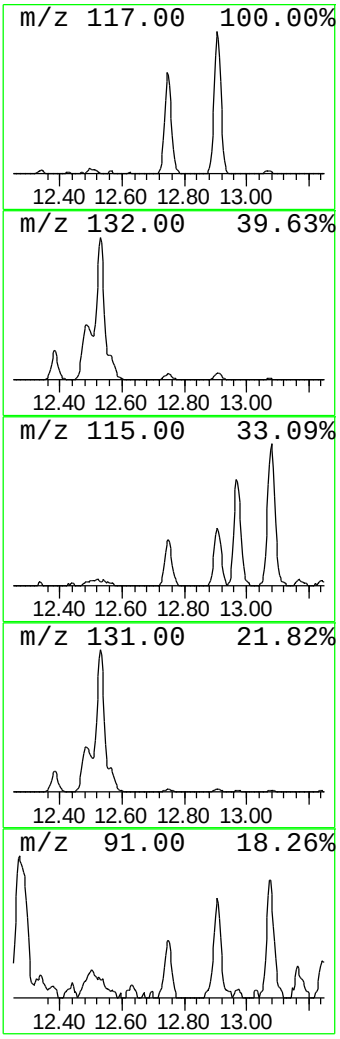
**********

Peak Number 10 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.75 | 0.55 ug/L | 44834 | 1,4-Dichlorobenzene-d4 | 11.27 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2,3-dihydro-5-methyl- | 132 | C10H12 | 000874-35-1 | 94 |
| 2 | 3-Phenylbut-1-ene | 132 | C10H12 | 000934-10-1 | 91 |
| 3 | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12 | 000824-22-6 | 87 |
| 4 | Benzene, 1-ethenyl-3-ethyl- | 132 | C10H12 | 007525-62-4 | 83 |
| 5 | 1H-Indene, 2,3-dihydro-2-methyl- | 132 | C10H12 | 000824-63-5 | 83 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042920\
Data File : VV015817.D
Acq On : 30 Apr 2020 02:52
Operator : SY/MD
Sample : L2431-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** ETKS0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0

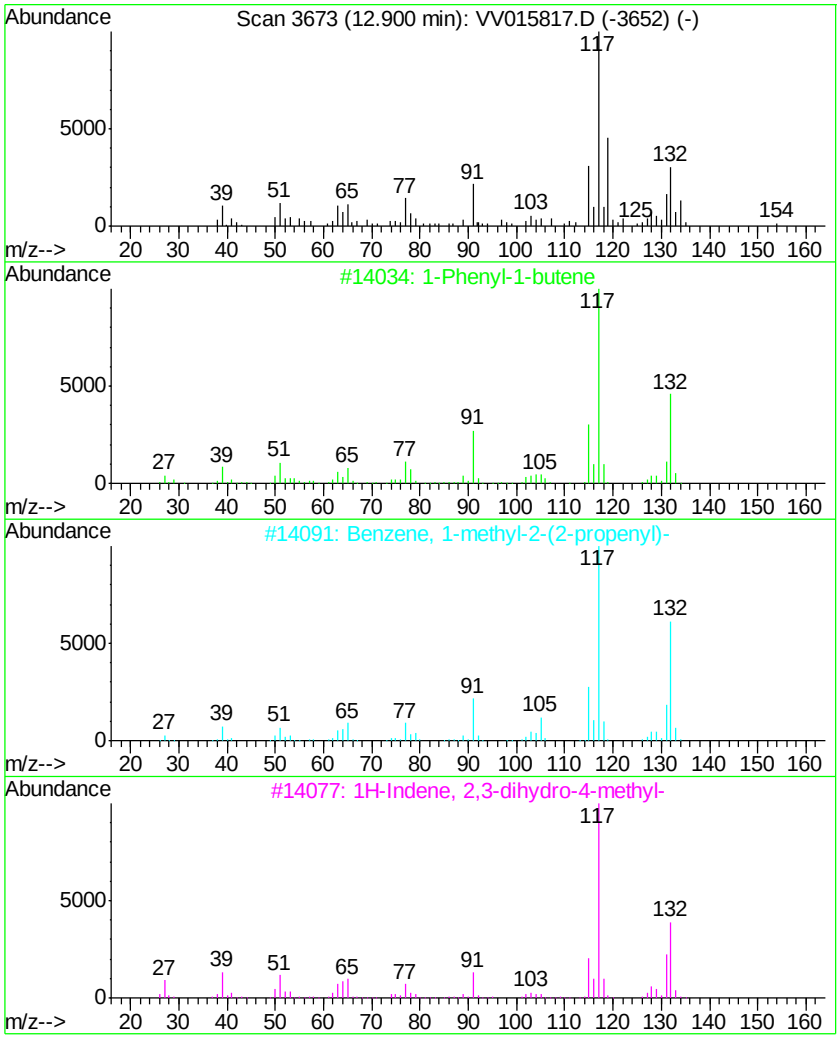
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

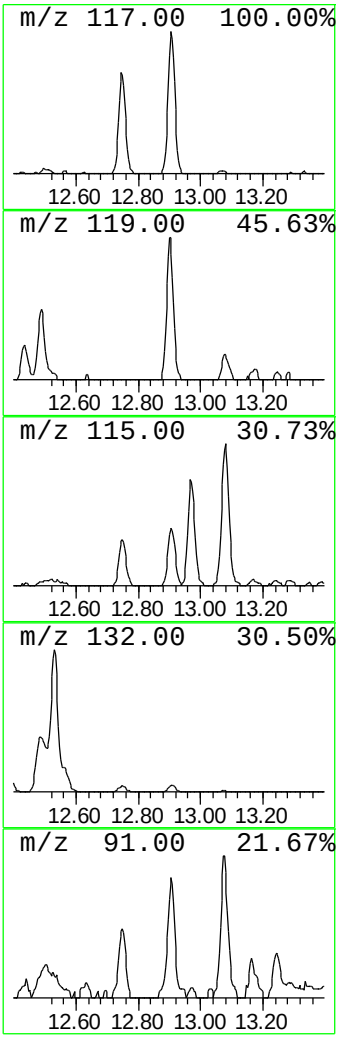
**********

Peak Number 11 1-Phenyl-1-butene Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.90 | 1.13 ug/L | 91228 | 1,4-Dichlorobenzene-d4 | 11.27 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Phenyl-1-butene | 132 | C10H12 | 000824-90-8 | 93 |
| 2 | Benzene, 1-methyl-2-(2-propenyl)- | 132 | C10H12 | 001587-04-8 | 70 |
| 3 | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12 | 000824-22-6 | 64 |
| 4 | Benzene, 1-ethenyl-4-ethyl- | 132 | C10H12 | 003454-07-7 | 64 |
| 5 | 1H-Indene, 2,3-dihydro-2-methyl- | 132 | C10H12 | 000824-63-5 | 62 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042920\
Data File : VV015817.D
Acq On : 30 Apr 2020 02:52
Operator : SY/MD
Sample : L2431-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** ETKS0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0

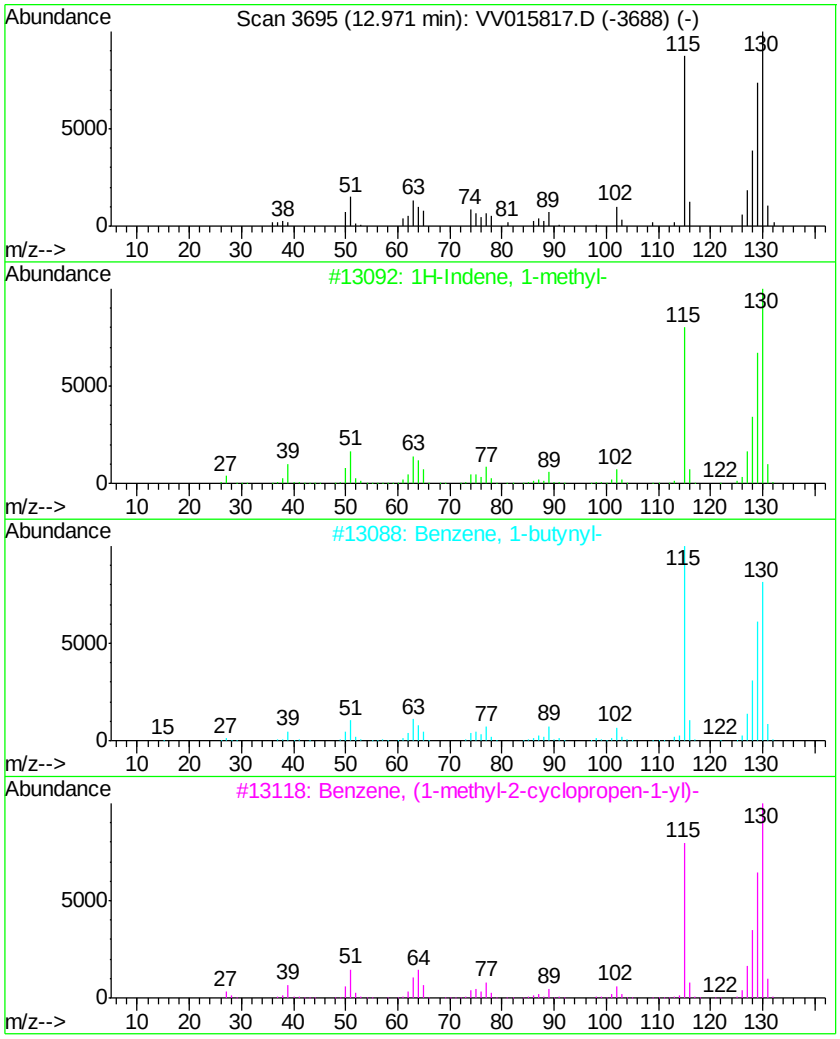
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

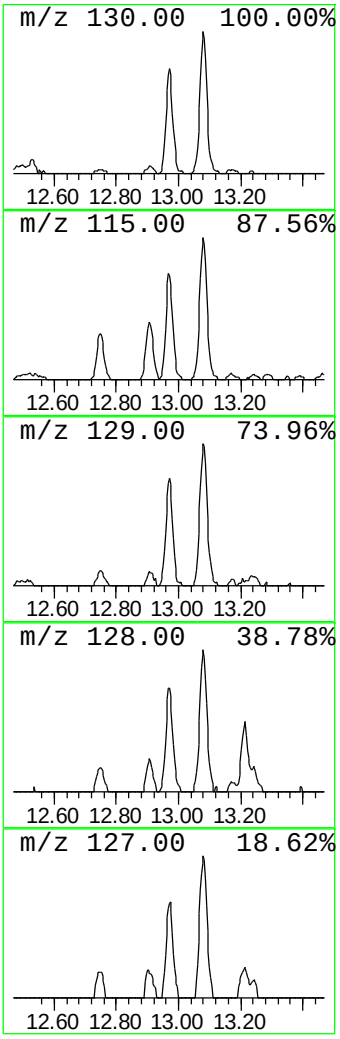
**********

Peak Number 12 1H-Indene, 1-methyl- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.97 | 0.57 ug/L | 45875 | 1,4-Dichlorobenzene-d4 | 11.27 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 1-methyl- | 130 | C10H10 | 000767-59-9 | 96 |
| 2 | Benzene, 1-butynyl- | 130 | C10H10 | 000622-76-4 | 94 |
| 3 | Benzene, (1-methyl-2-cyclopropen... | 130 | C10H10 | 065051-83-4 | 91 |
| 4 | Benzene,1-methyl-1,2-propadienyl- | 130 | C10H10 | 022433-39-2 | 91 |
| 5 | 2-Methylindene | 130 | C10H10 | 002177-47-1 | 91 |



# Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042920\
Data File : VV015817.D
Acq On : 30 Apr 2020 02:52
Operator : SY/MD
Sample : L2431-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** ETKS0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0

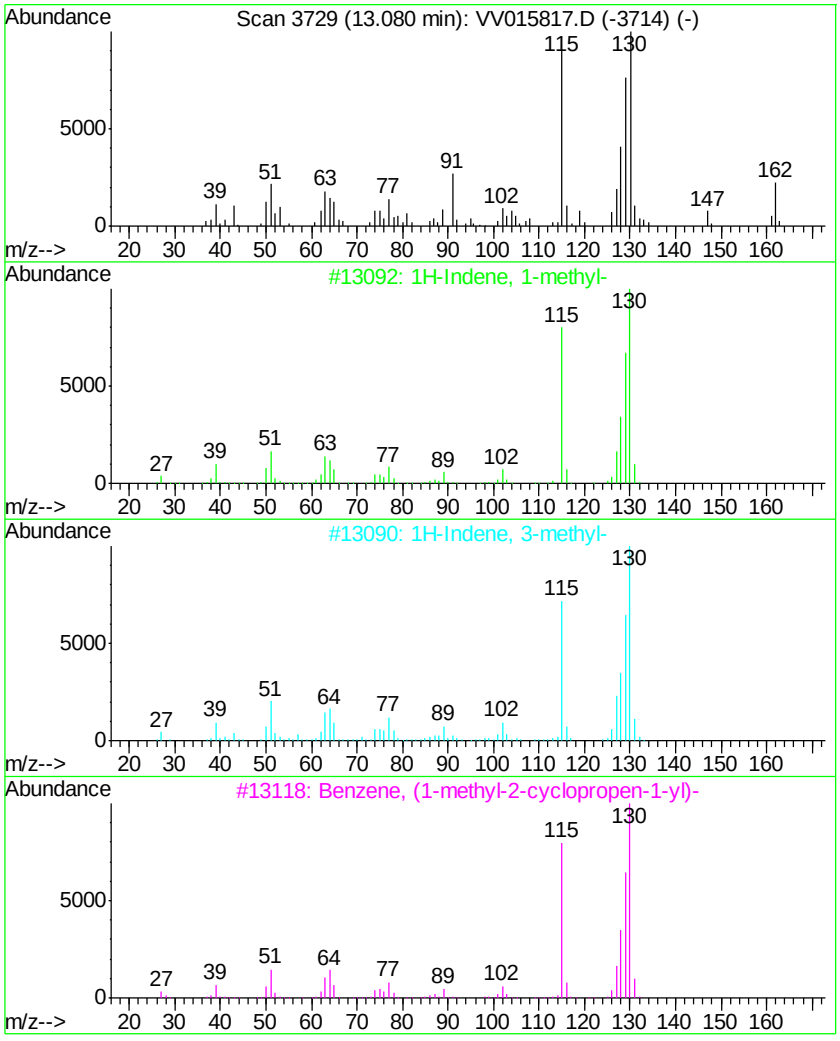
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

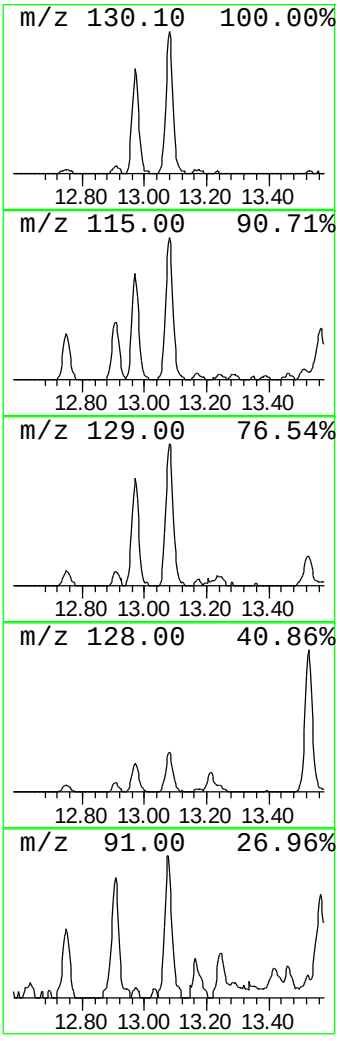
**********

Peak Number 13 Benzene, (1-methyl-2-cyclop... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.08 | 1.09 ug/L | 88138 | 1,4-Dichlorobenzene-d4 | 11.27 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 1-methyl- | 130 | C10H10 | 000767-59-9 | 96 |
| 2 | 1H-Indene, 3-methyl- | 130 | C10H10 | 000767-60-2 | 96 |
| 3 | Benzene, (1-methyl-2-cyclopropen... | 130 | C10H10 | 065051-83-4 | 96 |
| 4 | 2-Methylindene | 130 | C10H10 | 002177-47-1 | 94 |
| 5 | Benzene,1-methyl-1,2-propadienyl- | 130 | C10H10 | 022433-39-2 | 94 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042920\
Data File : VV015817.D
Acq On : 30 Apr 2020 02:52
Operator : SY/MD
Sample : L2431-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** ETKS0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0

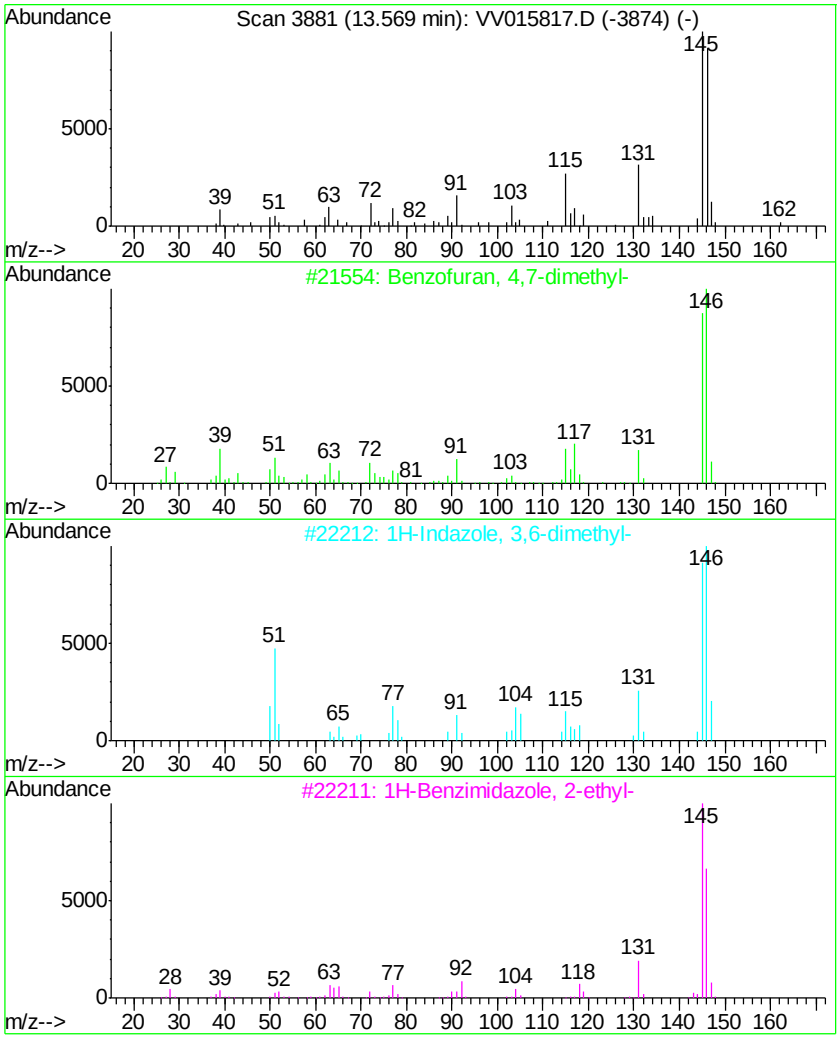
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

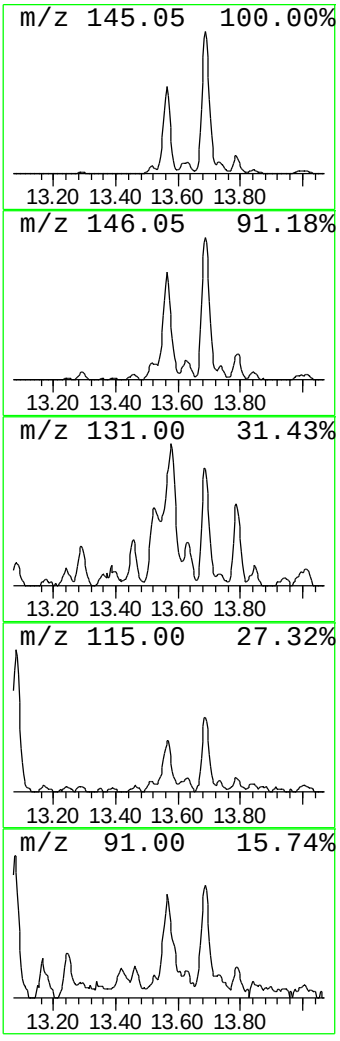
**********

Peak Number 15 Benzofuran, 4,7-dimethyl- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.57 | 0.89 ug/L | 71831 | 1,4-Dichlorobenzene-d4 | 11.27 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzofuran, 4,7-dimethyl- | 146 | C10H10O | 028715-26-6 | 87 |
| 2 | 1H-Indazole, 3,6-dimethyl- | 146 | C9H10N2 | 007746-28-3 | 80 |
| 3 | 1H-Benzimidazole, 2-ethyl- | 146 | C9H10N2 | 001848-84-6 | 72 |
| 4 | 1H-Benzimidazole, 2-ethyl- | 146 | C9H10N2 | 001848-84-6 | 64 |
| 5 | 1H-Benzimidazole, 5,6-dimethyl- | 146 | C9H10N2 | 000582-60-5 | 64 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042920\
Data File : VV015817.D
Acq On : 30 Apr 2020 02:52
Operator : SY/MD
Sample : L2431-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** ETKS0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0

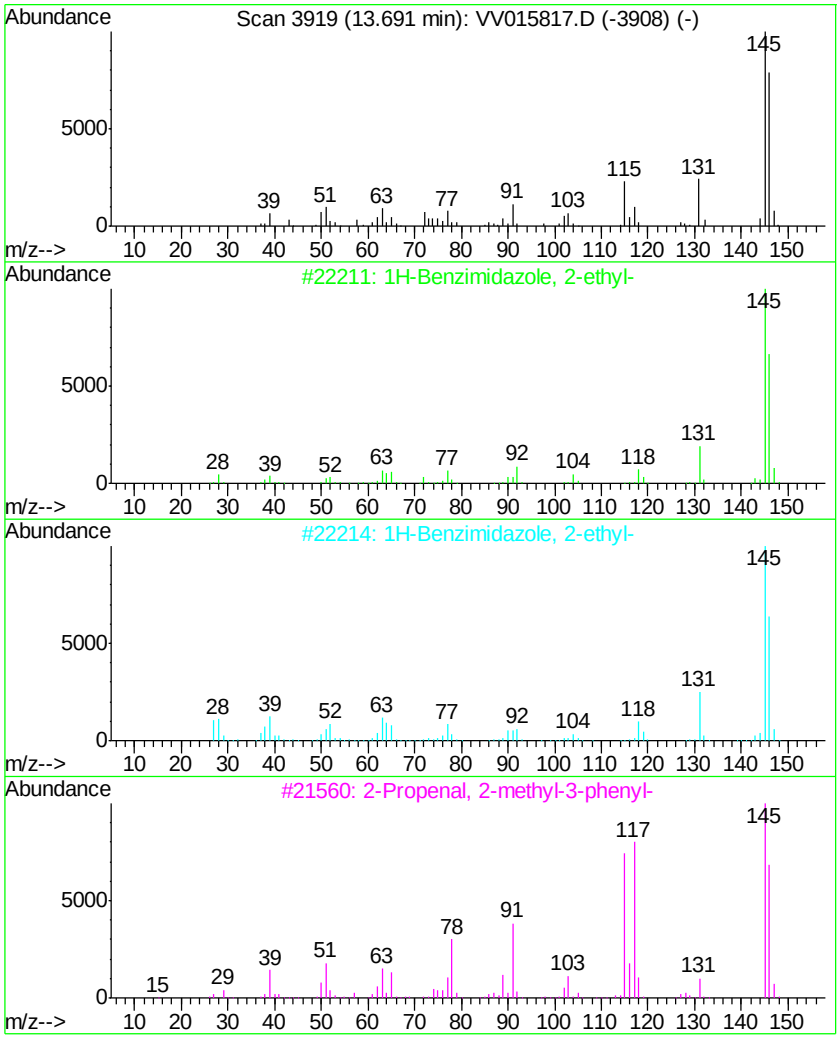
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

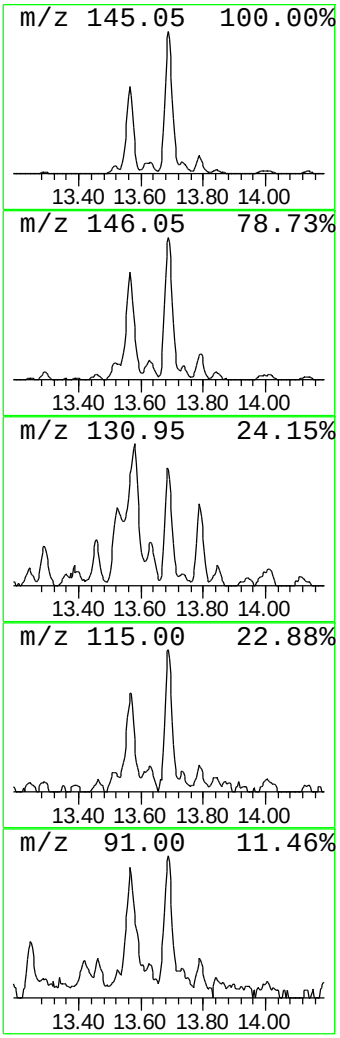
**********

Peak Number 16 1H-Benzimidazole, 2-ethyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.69 | 1.14 ug/L | 92196 | 1,4-Dichlorobenzene-d4 | 11.27 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Benzimidazole, 2-ethyl- | 146 | C9H10N2 | 001848-84-6 | 64 |
| 2 | 1H-Benzimidazole, 2-ethyl- | 146 | C9H10N2 | 001848-84-6 | 64 |
| 3 | 2-Propenal, 2-methyl-3-phenyl- | 146 | C10H10O | 000101-39-3 | 56 |
| 4 | Benzonitrile, 4-(dimethylamino)- | 146 | C9H10N2 | 001197-19-9 | 53 |
| 5 | Benzonitrile, 4-(dimethylamino)- | 146 | C9H10N2 | 001197-19-9 | 53 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042920\
Data File : VV015817.D
Acq On : 30 Apr 2020 02:52
Operator : SY/MD
Sample : L2431-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** ETKS0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.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 |
| Benzene, 1-ethyl-... | 10.50 | 0.7 | ug/L | 55286 | 3 | 11.27 | 404428 | 5.0 |
| Benzene, 1-ethyl-... | 10.76 | 0.5 | ug/L | 41049 | 3 | 11.27 | 404428 | 5.0 |
| Benzene, 1,2,3-tr... | 10.94 | 1.5 | ug/L | 124139 | 3 | 11.27 | 404428 | 5.0 |
| Indane | 11.55 | 2.9 | ug/L | 236222 | 3 | 11.27 | 404428 | 5.0 |
| 3-Methylphenylace... | 11.77 | 1.1 | ug/L | 90341 | 3 | 11.27 | 404428 | 5.0 |
| Benzofuran, 2-met... | 12.38 | 1.2 | ug/L | 99921 | 3 | 11.27 | 404428 | 5.0 |
| Benzofuran, 7-met... | 12.49 | 3.2 | ug/L | 255469 | 3 | 11.27 | 404428 | 5.0 |
| 1H-Pyrrolo[2,3-b]... | 12.53 | 4.2 | ug/L | 335866 | 3 | 11.27 | 404428 | 5.0 |
| 1H-Indene, 2,3-di... | 12.75 | 0.6 | ug/L | 44834 | 3 | 11.27 | 404428 | 5.0 |
| 1-Phenyl-1-butene | 12.90 | 1.1 | ug/L | 91228 | 3 | 11.27 | 404428 | 5.0 |
| 1H-Indene, 1-methyl- | 12.97 | 0.6 | ug/L | 45875 | 3 | 11.27 | 404428 | 5.0 |
| Benzene, (1-methy... | 13.08 | 1.1 | ug/L | 88138 | 3 | 11.27 | 404428 | 5.0 |
| Benzofuran, 4,7-d... | 13.57 | 0.9 | ug/L | 71831 | 3 | 11.27 | 404428 | 5.0 |
| 1H-Benzimidazole,... | 13.69 | 1.1 | ug/L | 92196 | 3 | 11.27 | 404428 | 5.0 |