LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012920\
Data File : VU036596.D
Acq On : 29 Jan 2020 16:34
Operator : JC/MD
Sample : L1271-05 20X
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASZ6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 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_U\METHOD\SOMULM012920WMA.M
Title : VOC Analysis

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.614 | 78 | 85 | 94 | rBV | 152253 | 157126 | 0.65% | 0.222% |
| 2 | 1.926 | 174 | 182 | 196 | rVB | 119005 | 155114 | 0.64% | 0.219% |
| 3 | 2.514 | 362 | 365 | 369 | rBV | 233 | 219 | 0.00% | 0.000% |
| 4 | 2.594 | 377 | 390 | 406 | rBV | 228214 | 371940 | 1.54% | 0.524% |
| 5 | 2.729 | 427 | 432 | 437 | rBV3 | 327 | 395 | 0.00% | 0.001% |
| 6 | 2.887 | 478 | 481 | 482 | rBV2 | 267 | 147 | 0.00% | 0.000% |
| 7 | 3.083 | 534 | 542 | 551 | rVB4 | 1313 | 2211 | 0.01% | 0.003% |
| 8 | 3.228 | 574 | 587 | 600 | rBV2 | 2714 | 5980 | 0.02% | 0.008% |
| 9 | 4.218 | 892 | 895 | 899 | rBV | 235 | 172 | 0.00% | 0.000% |
| 10 | 4.675 | 1023 | 1037 | 1063 | rBV | 107099 | 250851 | 1.04% | 0.354% |
| 11 | 4.913 | 1108 | 1111 | 1115 | rVB2 | 353 | 259 | 0.00% | 0.000% |
| 12 | 5.012 | 1139 | 1142 | 1146 | rBV2 | 186 | 176 | 0.00% | 0.000% |
| 13 | 5.109 | 1155 | 1172 | 1195 | rBV | 182242 | 395098 | 1.63% | 0.557% |
| 14 | 5.260 | 1216 | 1219 | 1223 | rVB2 | 389 | 347 | 0.00% | 0.000% |
| 15 | 5.324 | 1236 | 1239 | 1240 | rBV2 | 549 | 337 | 0.00% | 0.000% |
| 16 | 5.414 | 1262 | 1267 | 1269 | rBV2 | 277 | 256 | 0.00% | 0.000% |
| 17 | 5.768 | 1355 | 1377 | 1396 | rBV2 | 411922 | 1062995 | 4.39% | 1.499% |
| 18 | 5.945 | 1429 | 1432 | 1437 | rBV2 | 226 | 213 | 0.00% | 0.000% |
| 19 | 5.971 | 1437 | 1440 | 1443 | rVB3 | 225 | 188 | 0.00% | 0.000% |
| 20 | 6.041 | 1458 | 1462 | 1465 | rBV2 | 175 | 181 | 0.00% | 0.000% |
| 21 | 6.077 | 1469 | 1473 | 1474 | rBV | 246 | 155 | 0.00% | 0.000% |
| 22 | 6.135 | 1487 | 1491 | 1493 | rBV | 220 | 206 | 0.00% | 0.000% |
| 23 | 6.151 | 1493 | 1496 | 1505 | rVV | 315 | 411 | 0.00% | 0.001% |
| 24 | 6.289 | 1522 | 1539 | 1558 | rBV | 383582 | 705227 | 2.91% | 0.994% |
| 25 | 6.565 | 1616 | 1625 | 1633 | rVB4 | 2344 | 4159 | 0.02% | 0.006% |
| 26 | 6.729 | 1661 | 1676 | 1694 | rBV | 243840 | 467499 | 1.93% | 0.659% |
| 27 | 6.848 | 1709 | 1713 | 1722 | rVB3 | 688 | 796 | 0.00% | 0.001% |
| 28 | 6.890 | 1723 | 1726 | 1729 | rBV | 231 | 186 | 0.00% | 0.000% |
| 29 | 7.186 | 1814 | 1818 | 1819 | rBV2 | 203 | 164 | 0.00% | 0.000% |
| 30 | 7.215 | 1821 | 1827 | 1839 | rVB4 | 1752 | 2810 | 0.01% | 0.004% |
| 31 | 7.597 | 1933 | 1946 | 1963 | rBV | 145819 | 250066 | 1.03% | 0.353% |
| 32 | 7.713 | 1976 | 1982 | 1988 | rBV4 | 1267 | 1602 | 0.01% | 0.002% |
| 33 | 7.826 | 2013 | 2017 | 2026 | rVB2 | 407 | 427 | 0.00% | 0.001% |
| 34 | 7.929 | 2035 | 2049 | 2067 | rBV | 547901 | 938357 | 3.88% | 1.323% |

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012920\
Data File : VU036596.D
Acq On : 29 Jan 2020 16:34
Operator : JC/MD
Sample : L1271-05 20X
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASZ6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 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_U\METHOD\SOMULM012920WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 8.208 | 2124 | 2136 | 2154 | rBV | 100714 | 166641 | 0.69% | 0.235% |
| 36 | 8.334 | 2173 | 2175 | 2179 | rVB | 277 | 187 | 0.00% | 0.000% |
| 37 | 8.366 | 2179 | 2185 | 2190 | rVB | 209 | 191 | 0.00% | 0.000% |
| 38 | 8.665 | 2266 | 2278 | 2311 | rBV | 350550 | 605026 | 2.50% | 0.853% |
| 39 | 9.134 | 2421 | 2424 | 2427 | rBV | 283 | 180 | 0.00% | 0.000% |
| 40 | 9.231 | 2451 | 2454 | 2458 | rVV | 216 | 143 | 0.00% | 0.000% |
| 41 | 9.253 | 2458 | 2461 | 2465 | rVV | 209 | 166 | 0.00% | 0.000% |
| 42 | 9.443 | 2507 | 2520 | 2553 | rBV | 524415 | 857172 | 3.54% | 1.209% |
| 43 | 9.594 | 2558 | 2567 | 2579 | rBV | 6972 | 10005 | 0.04% | 0.014% |
| 44 | 9.716 | 2593 | 2605 | 2619 | rVB | 53625 | 84776 | 0.35% | 0.120% |
| 45 | 9.941 | 2672 | 2675 | 2680 | rVB | 218 | 192 | 0.00% | 0.000% |
| 46 | 10.125 | 2720 | 2732 | 2748 | rVV | 87848 | 141927 | 0.59% | 0.200% |
| 47 | 10.507 | 2845 | 2851 | 2860 | rVB2 | 1710 | 2492 | 0.01% | 0.004% |
| 48 | 10.781 | 2923 | 2936 | 2950 | rBV | 358264 | 569350 | 2.35% | 0.803% |
| 49 | 10.848 | 2950 | 2957 | 2968 | rVB2 | 14277 | 20726 | 0.09% | 0.029% |
| 50 | 10.929 | 2971 | 2982 | 2992 | rBV | 27082 | 39921 | 0.17% | 0.056% |
| 51 | 11.019 | 2998 | 3010 | 3026 | rBV | 165142 | 343351 | 1.42% | 0.484% |
| 52 | 11.109 | 3029 | 3038 | 3056 | rVB | 287131 | 455413 | 1.88% | 0.642% |
| 53 | 11.231 | 3073 | 3076 | 3078 | rBV2 | 247 | 177 | 0.00% | 0.000% |
| 54 | 11.314 | 3089 | 3102 | 3118 | rBV | 74407 | 134457 | 0.56% | 0.190% |
| 55 | 11.372 | 3118 | 3120 | 3122 | rBV | 417 | 237 | 0.00% | 0.000% |
| 56 | 11.388 | 3122 | 3125 | 3129 | rVB2 | 803 | 487 | 0.00% | 0.001% |
| 57 | 11.488 | 3133 | 3156 | 3167 | rBV | 994619 | 1526341 | 6.31% | 2.152% |
| 58 | 11.559 | 3167 | 3178 | 3187 | rVV | 588097 | 912106 | 3.77% | 1.286% |
| 59 | 11.607 | 3187 | 3193 | 3204 | rVV | 119551 | 176023 | 0.73% | 0.248% |
| 60 | 11.662 | 3205 | 3210 | 3222 | rVB8 | 9651 | 14796 | 0.06% | 0.021% |
| 61 | 11.729 | 3225 | 3231 | 3234 | rBV6 | 4001 | 4944 | 0.02% | 0.007% |
| 62 | 11.765 | 3235 | 3242 | 3250 | rVV2 | 13024 | 19676 | 0.08% | 0.028% |
| 63 | 11.832 | 3250 | 3263 | 3275 | rVV | 574050 | 912351 | 3.77% | 1.286% |
| 64 | 11.916 | 3278 | 3289 | 3298 | rVV | 417235 | 655749 | 2.71% | 0.925% |
| 65 | 11.967 | 3298 | 3305 | 3314 | rVB | 62579 | 91210 | 0.38% | 0.129% |
| 66 | 12.115 | 3337 | 3351 | 3357 | rBV2 | 169523 | 311979 | 1.29% | 0.440% |
| 67 | 12.211 | 3369 | 3381 | 3394 | rBV2 | 716184 | 1185943 | 4.90% | 1.672% |
| 68 | 12.340 | 3414 | 3421 | 3431 | rVB2 | 122688 | 184940 | 0.76% | 0.261% |
| 69 | 12.395 | 3433 | 3438 | 3454 | rVB2 | 26131 | 43690 | 0.18% | 0.062% |
| 70 | 12.485 | 3455 | 3466 | 3469 | rBV | 88822 | 130078 | 0.54% | 0.183% |
| 71 | 12.559 | 3483 | 3489 | 3492 | rBV2 | 65877 | 82741 | 0.34% | 0.117% |

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012920\
Data File : VU036596.D
Acq On : 29 Jan 2020 16:34
Operator : JC/MD
Sample : L1271-05 20X
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASZ6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 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_U\METHOD\SOMULM012920WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 12.642 | 3506 | 3515 | 3525 | rVB | 127867 | 214626 | 0.89% | 0.303% |
| 73 | 12.764 | 3544 | 3553 | 3564 | rVB | 418565 | 647322 | 2.68% | 0.913% |
| 74 | 12.826 | 3565 | 3572 | 3586 | rVV | 75479 | 113049 | 0.47% | 0.159% |
| 75 | 12.893 | 3587 | 3593 | 3601 | rVB2 | 34264 | 48808 | 0.20% | 0.069% |
| 76 | 12.990 | 3616 | 3623 | 3631 | rVB | 178908 | 251649 | 1.04% | 0.355% |
| 77 | 13.044 | 3631 | 3640 | 3653 | rBV2 | 360753 | 652582 | 2.70% | 0.920% |
| 78 | 13.166 | 3669 | 3678 | 3689 | rBV3 | 222524 | 368520 | 1.52% | 0.520% |
| 79 | 13.311 | 3715 | 3723 | 3734 | rVB2 | 108777 | 172981 | 0.71% | 0.244% |
| 80 | 13.465 | 3757 | 3771 | 3785 | rVB4 | 401061 | 1022777 | 4.23% | 1.442% |
| 81 | 13.536 | 3787 | 3793 | 3801 | rVB | 110591 | 152804 | 0.63% | 0.215% |
| 82 | 13.645 | 3818 | 3827 | 3839 | rVB | 549533 | 912697 | 3.77% | 1.287% |
| 83 | 14.102 | 3961 | 3969 | 3979 | rBV | 411970 | 594661 | 2.46% | 0.838% |
| 84 | 14.462 | 4075 | 4081 | 4088 | rBV | 149223 | 185927 | 0.77% | 0.262% |
| 85 | 15.186 | 4299 | 4306 | 4310 | rBV | 91949 | 129097 | 0.53% | 0.182% |
| 86 | 15.243 | 4311 | 4324 | 4350 | rVB | 15135744 | 24193621 | 100.00% | 34.113% |
| 87 | 15.427 | 4368 | 4381 | 4402 | rVB | 8194899 | 13148398 | 54.35% | 18.539% |
| 88 | 15.967 | 4539 | 4549 | 4558 | rBV | 555432 | 844543 | 3.49% | 1.191% |
| 89 | 16.160 | 4600 | 4609 | 4616 | rBV | 578438 | 869731 | 3.59% | 1.226% |
| 90 | 16.276 | 4632 | 4645 | 4669 | rVB | 2692713 | 4644766 | 19.20% | 6.549% |
| 91 | 16.423 | 4679 | 4691 | 4697 | rBV | 2249468 | 3605982 | 14.90% | 5.084% |
| 92 | 16.552 | 4722 | 4731 | 4742 | rBV | 168266 | 268927 | 1.11% | 0.379% |
| 93 | 16.649 | 4744 | 4761 | 4781 | rVB | 532692 | 1361909 | 5.63% | 1.920% |
| 94 | 16.796 | 4797 | 4807 | 4825 | rBV | 243870 | 404358 | 1.67% | 0.570% |
| 95 | 16.893 | 4827 | 4837 | 4852 | rBV2 | 458306 | 740679 | 3.06% | 1.044% |
| 96 | 16.989 | 4861 | 4867 | 4877 | rVB2 | 101366 | 153416 | 0.63% | 0.216% |
| 97 | 17.124 | 4899 | 4909 | 4920 | rVB3 | 101313 | 207797 | 0.86% | 0.293% |
| 98 | 17.388 | 4984 | 4991 | 5016 | rVB3 | 118201 | 252979 | 1.05% | 0.357% |
| 99 | 17.549 | 5033 | 5041 | 5052 | rVB2 | 88363 | 150932 | 0.62% | 0.213% |
| 100 | 17.616 | 5053 | 5062 | 5071 | rBV | 84442 | 144037 | 0.60% | 0.203% |

Sum of corrected areas: 70921629

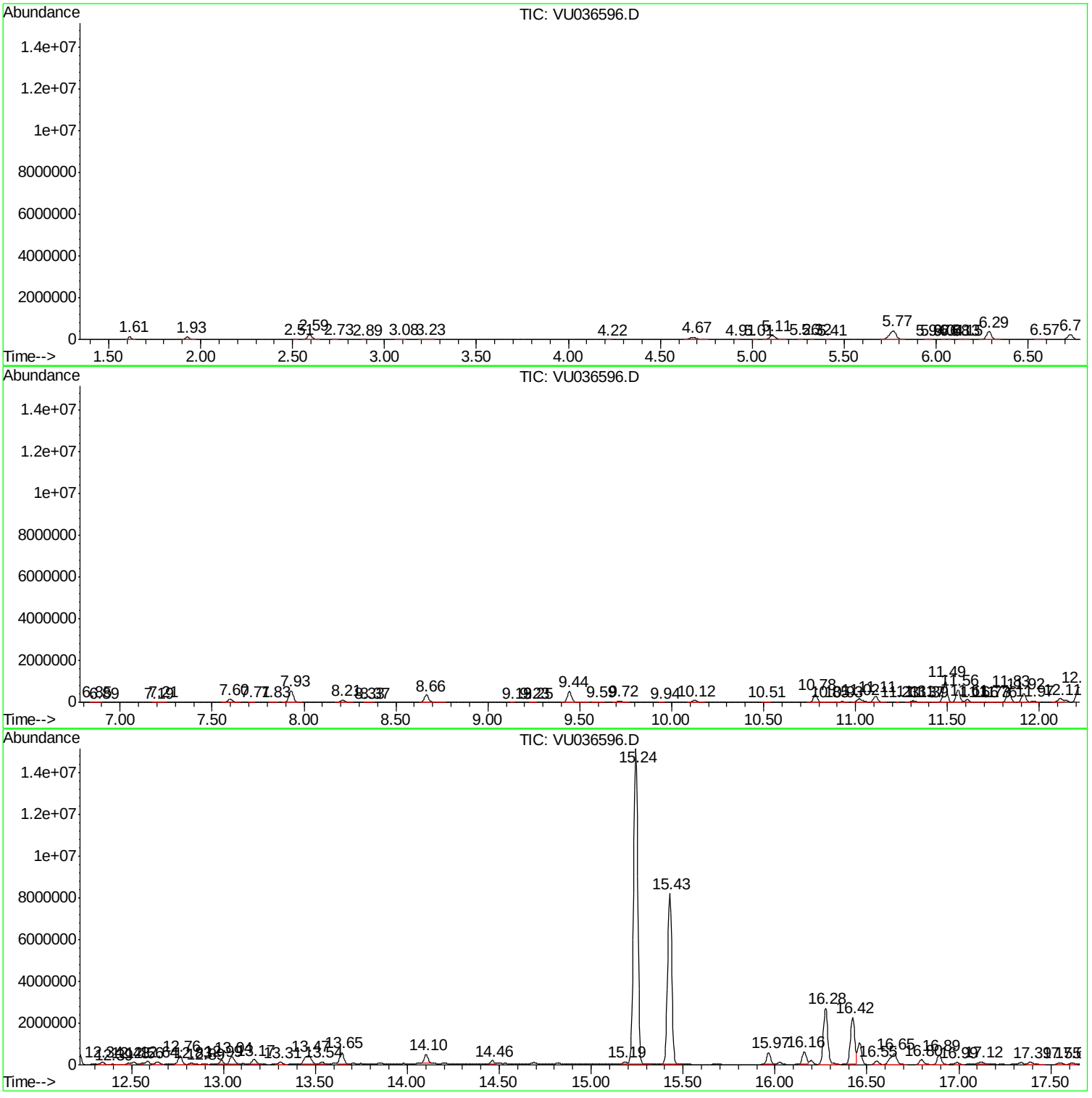
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036596.D
Acq On : 29 Jan 2020 16:34
Operator : JC/MD
Sample : L1271-05 20X
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASZ6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036596.D
Acq On : 29 Jan 2020 16:34
Operator : JC/MD
Sample : L1271-05 20X
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASZ6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

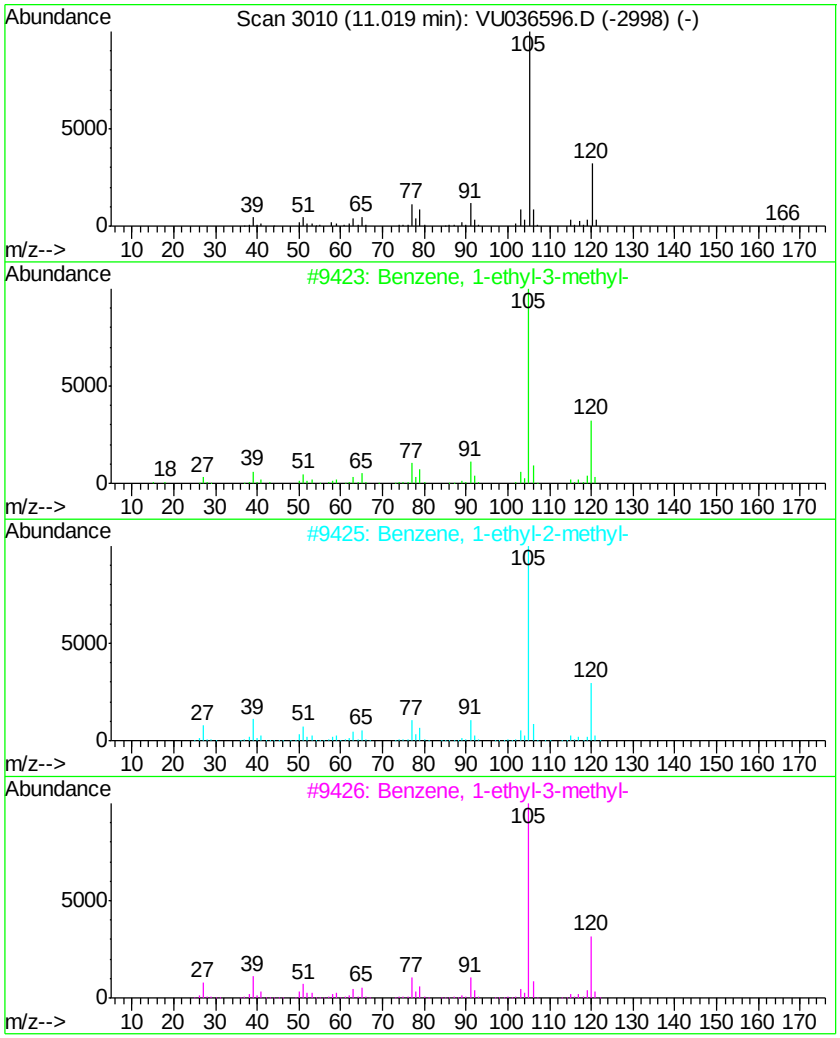
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

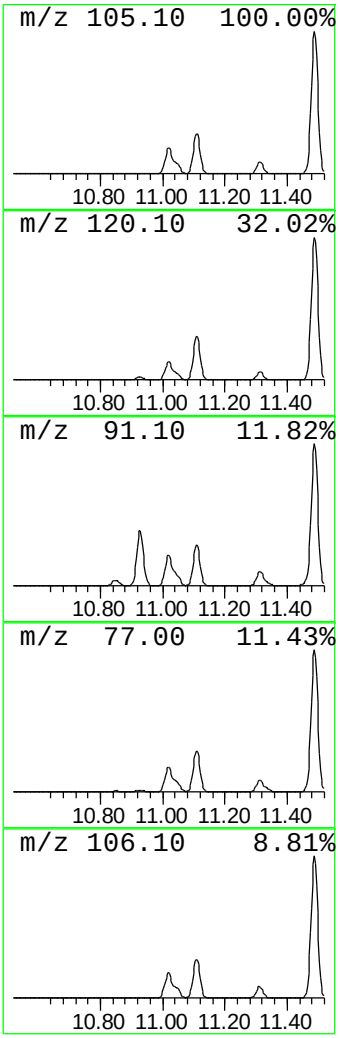
**********

Peak Number 2 Benzene, 1-ethyl-3-methyl- Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.02 | 18.82 ug/L | 343351 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 97 |
| 2 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 95 |
| 3 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 95 |
| 4 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 95 |
| 5 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 94 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036596.D
Acq On : 29 Jan 2020 16:34
Operator : JC/MD
Sample : L1271-05 20X
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASZ6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

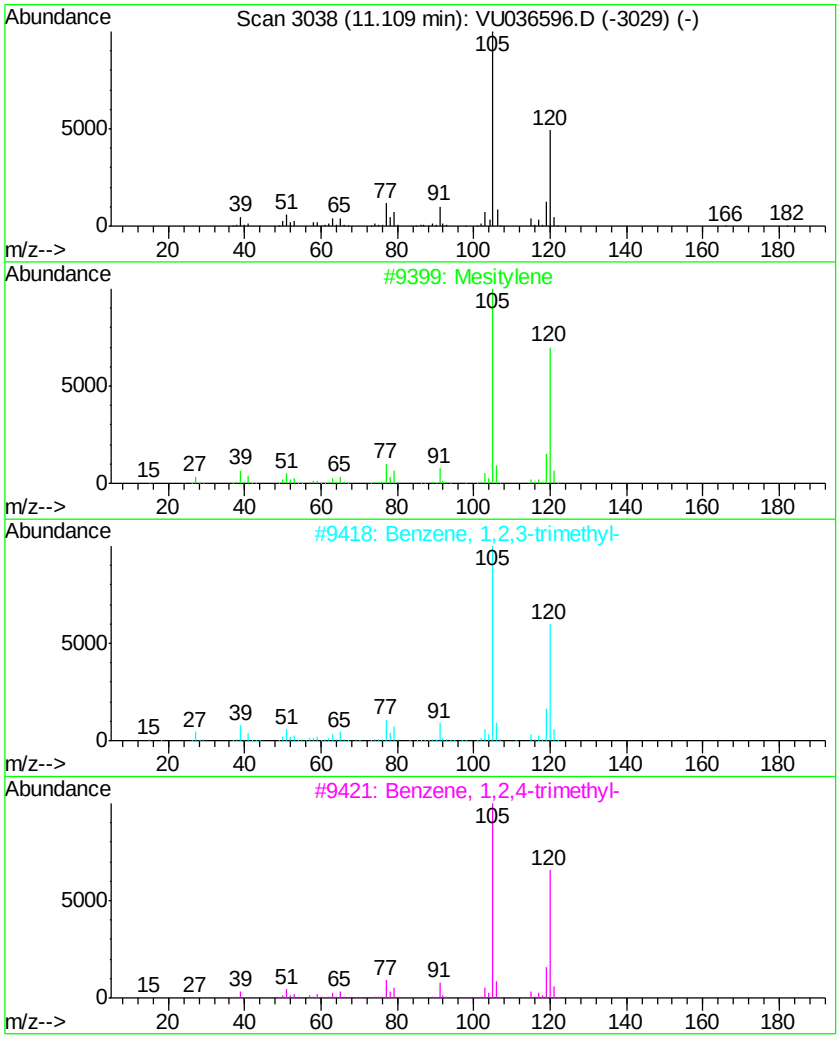
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

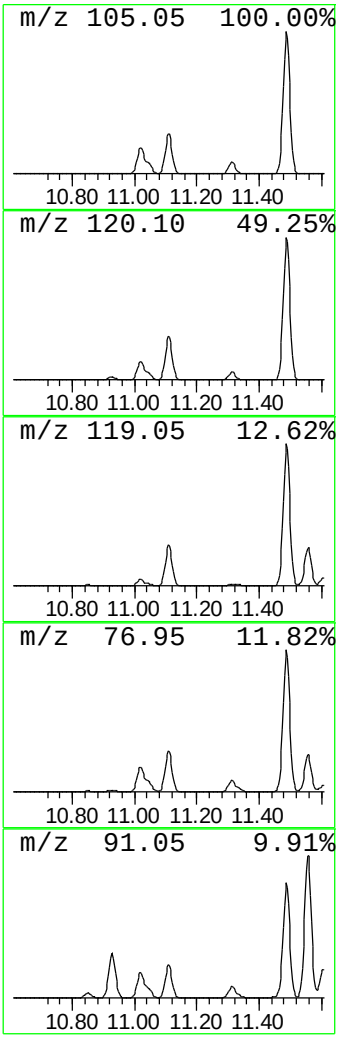
**********

Peak Number 3 Mesitylene Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.11 | 24.96 ug/L | 455413 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Mesitylene | 120 | C9H12 | 000108-67-8 | 97 |
| 2 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 97 |
| 3 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 95 |
| 4 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 94 |
| 5 | Mesitylene | 120 | C9H12 | 000108-67-8 | 93 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036596.D
Acq On : 29 Jan 2020 16:34
Operator : JC/MD
Sample : L1271-05 20X
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASZ6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

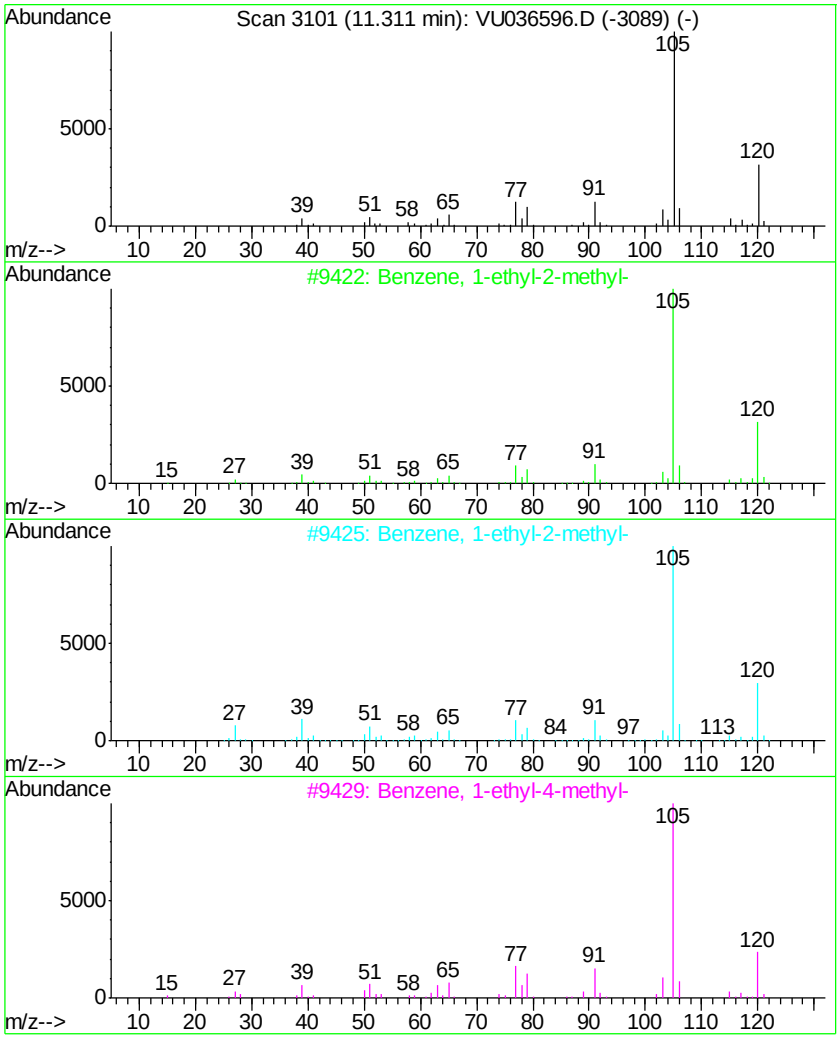
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

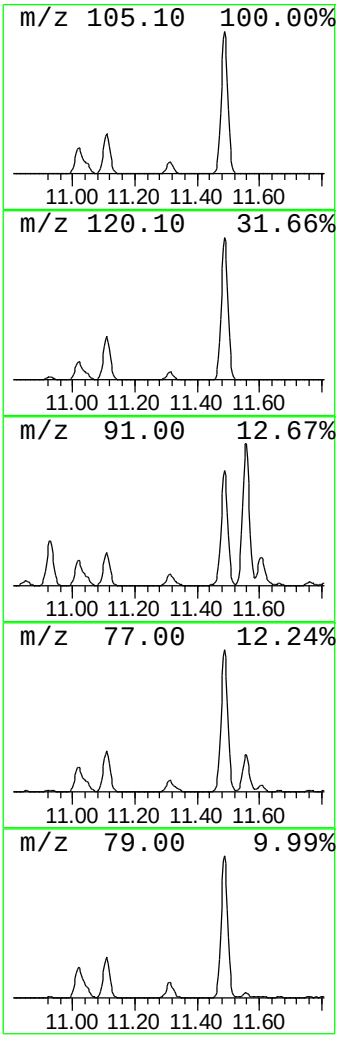
**********

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 36

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.31 | 7.37 ug/L | 134457 | 1,4-Dichlorobenzene-d4 | 11.83 |

| 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 | 94 |
| 4 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 91 |
| 5 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 91 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036596.D
Acq On : 29 Jan 2020 16:34
Operator : JC/MD
Sample : L1271-05 20X
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASZ6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

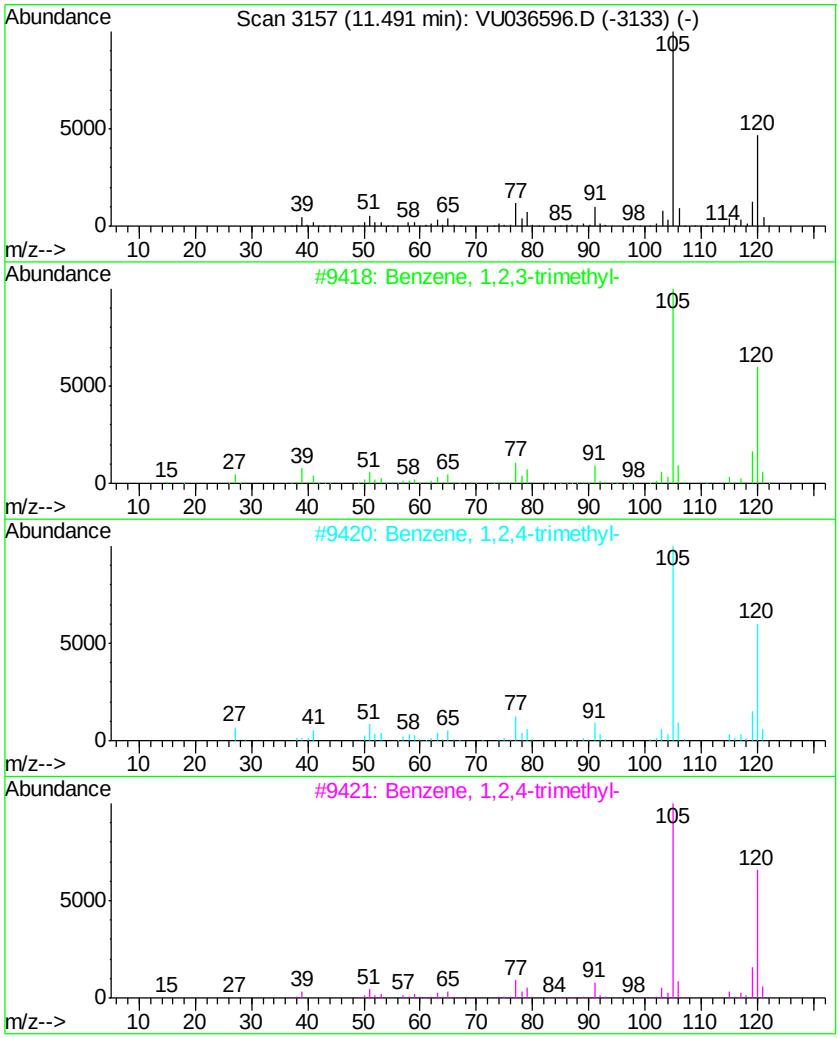
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

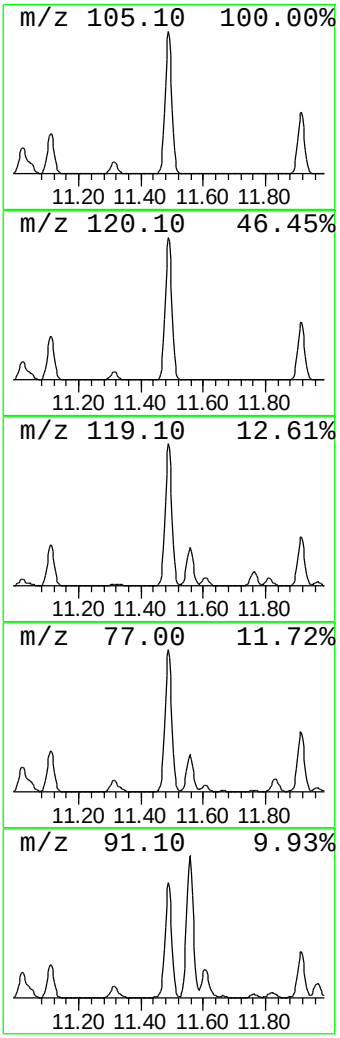
**********

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.49 | 83.65 ug/L | 1526340 | 1,4-Dichlorobenzene-d4 | 11.83 |

| 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 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 95 |
| 4 | Mesitylene | 120 | C9H12 | 000108-67-8 | 94 |
| 5 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 91 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012920\
Data File : VU036596.D
Acq On : 29 Jan 2020 16:34
Operator : JC/MD
Sample : L1271-05 20X
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASZ6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

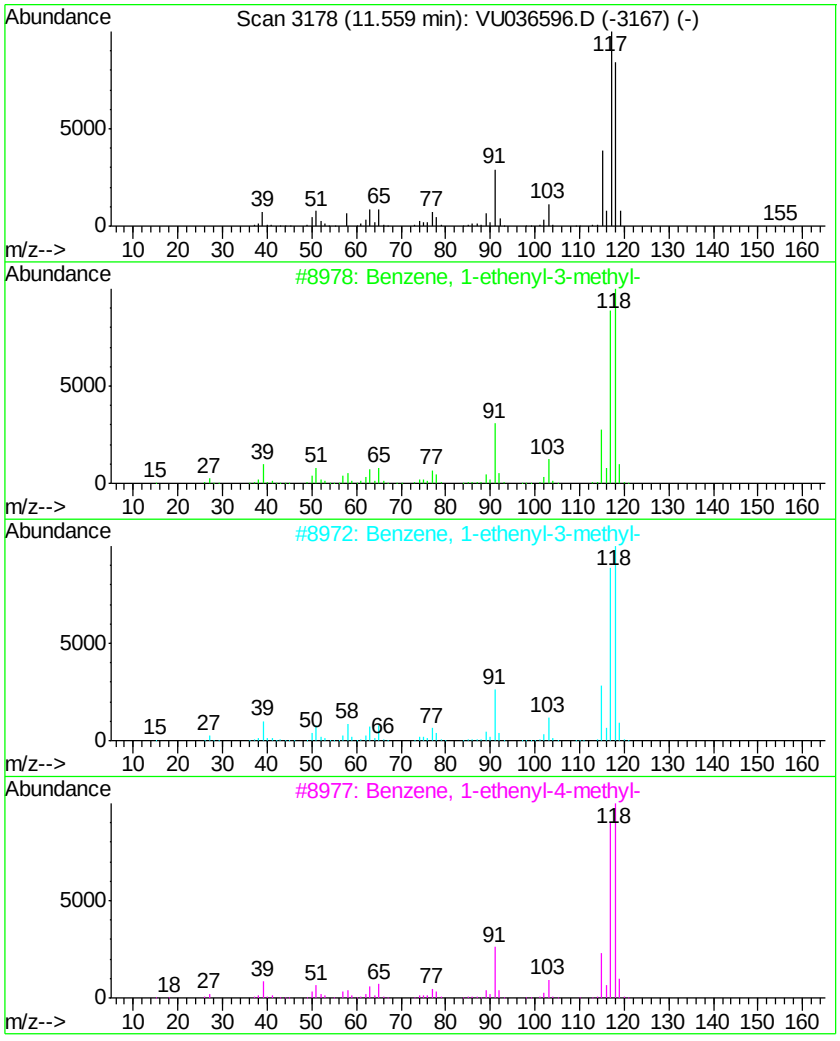
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

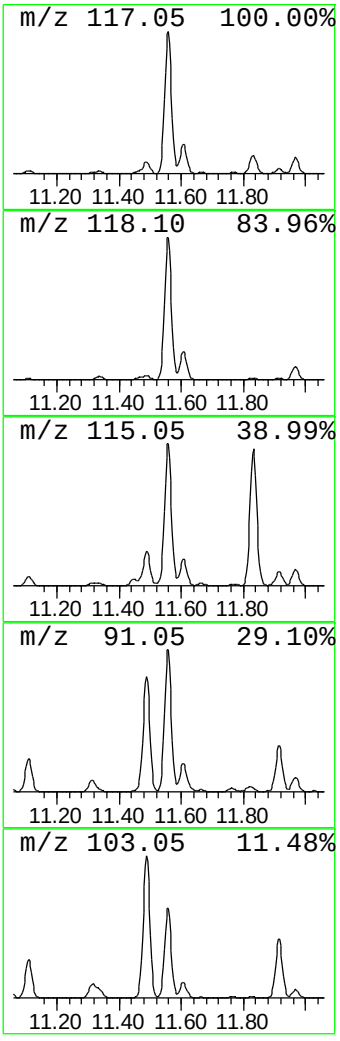
**********

Peak Number 6 Benzene, 1-ethenyl-3-methyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.56 | 49.99 ug/L | 912106 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethenyl-3-methyl- | 118 | C9H10 | 000100-80-1 | 96 |
| 2 | Benzene, 1-ethenyl-3-methyl- | 118 | C9H10 | 000100-80-1 | 96 |
| 3 | Benzene, 1-ethenyl-4-methyl- | 118 | C9H10 | 000622-97-9 | 95 |
| 4 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 94 |
| 5 | Benzene, 1-ethenyl-2-methyl- | 118 | C9H10 | 000611-15-4 | 94 |



# Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036596.D
Acq On : 29 Jan 2020 16:34
Operator : JC/MD
Sample : L1271-05 20X
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASZ6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

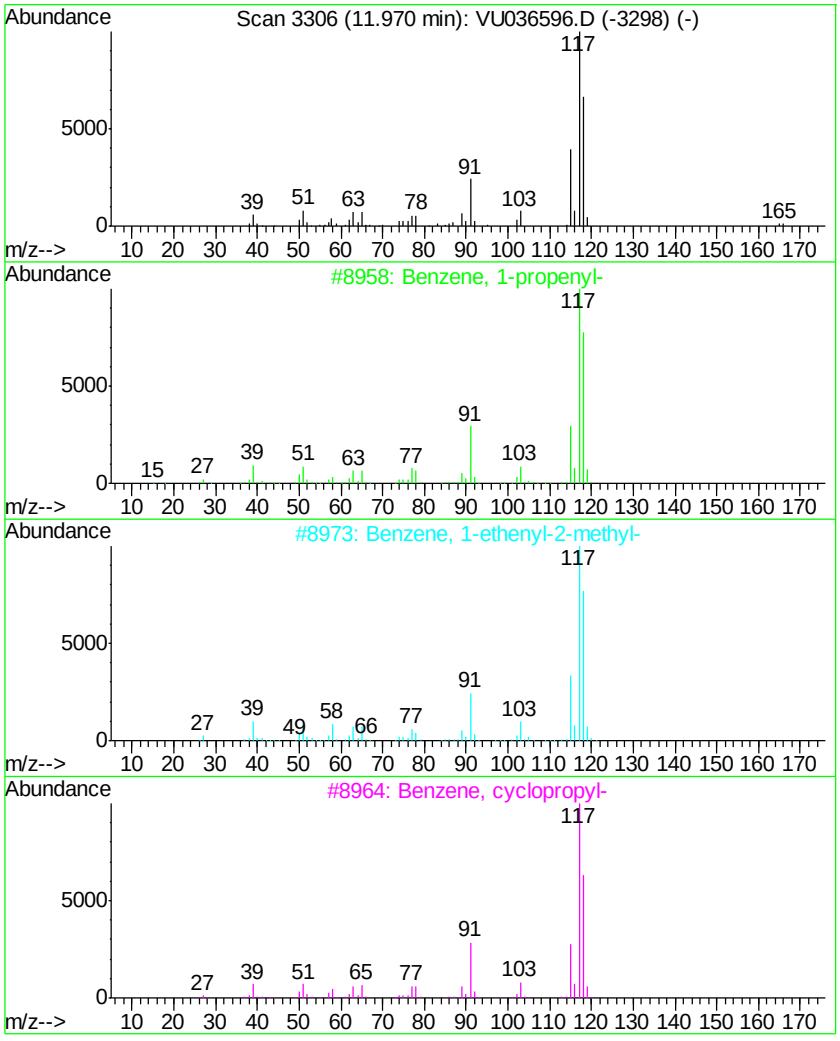
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

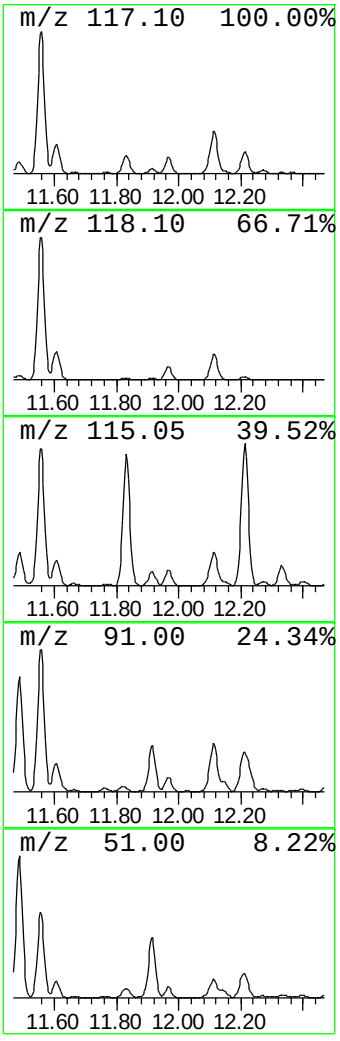
**********

Peak Number 9 Benzene, 1-propenyl- Concentration Rank 40

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.97 | 5.00 ug/L | 91210 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-propenyl- | 118 | C9H10 | 000637-50-3 | 94 |
| 2 | Benzene, 1-ethenyl-2-methyl- | 118 | C9H10 | 000611-15-4 | 93 |
| 3 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 93 |
| 4 | Benzene, 2-propenyl- | 118 | C9H10 | 000300-57-2 | 89 |
| 5 | Benzene, 2-propenyl- | 118 | C9H10 | 000300-57-2 | 89 |



# Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036596.D
Acq On : 29 Jan 2020 16:34
Operator : JC/MD
Sample : L1271-05 20X
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASZ6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

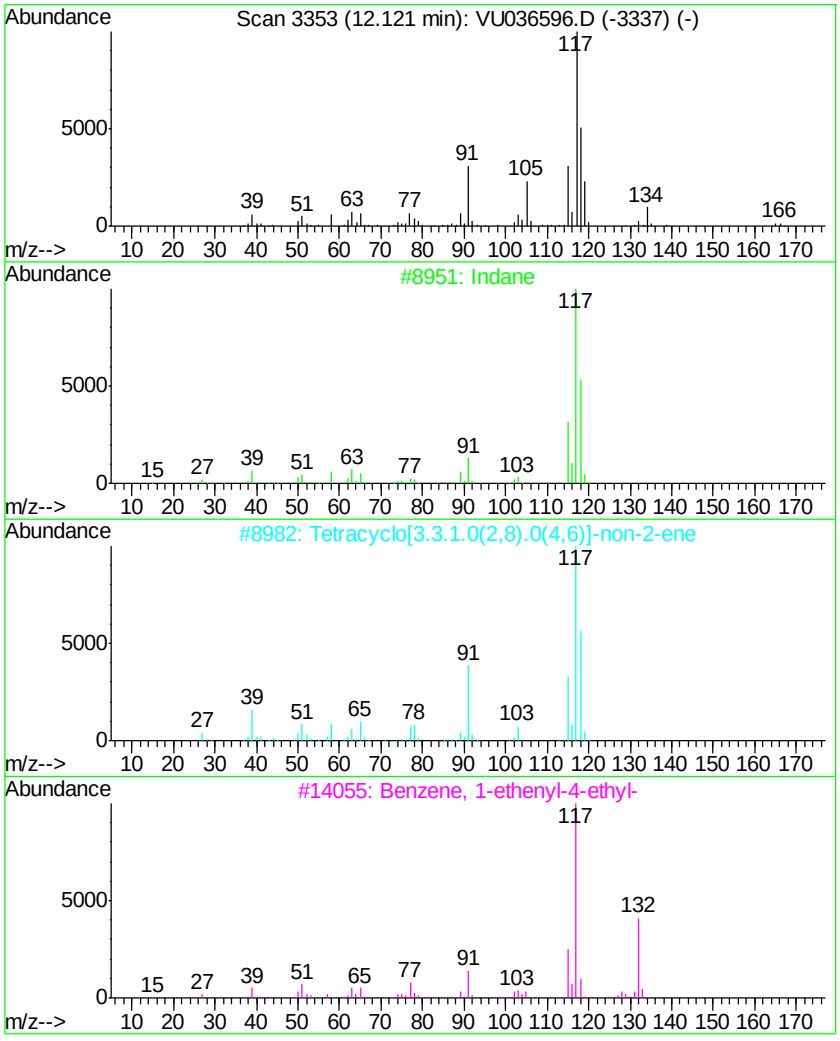
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

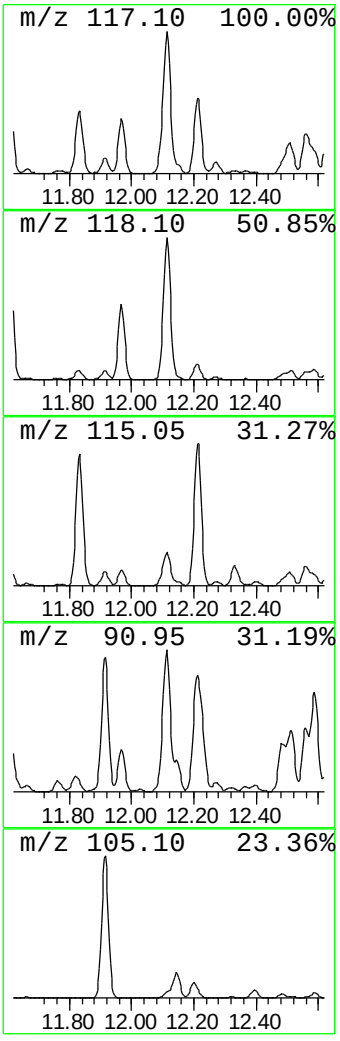
**********

Peak Number 10 Indane Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.12 | 17.10 ug/L | 311979 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indane | 118 | C9H10 | 000496-11-7 | 70 |
| 2 | Tetracyclo[3.3.1.0(2,8).0(4,6)]-... | 118 | C9H10 | 1000191-13-7 | 58 |
| 3 | Benzene, 1-ethenyl-4-ethyl- | 132 | C10H12 | 003454-07-7 | 52 |
| 4 | Deltacyclene | 118 | C9H10 | 007785-10-6 | 52 |
| 5 | Indane | 118 | C9H10 | 000496-11-7 | 50 |



# Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012920\
Data File : VU036596.D
Acq On : 29 Jan 2020 16:34
Operator : JC/MD
Sample : L1271-05 20X
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASZ6

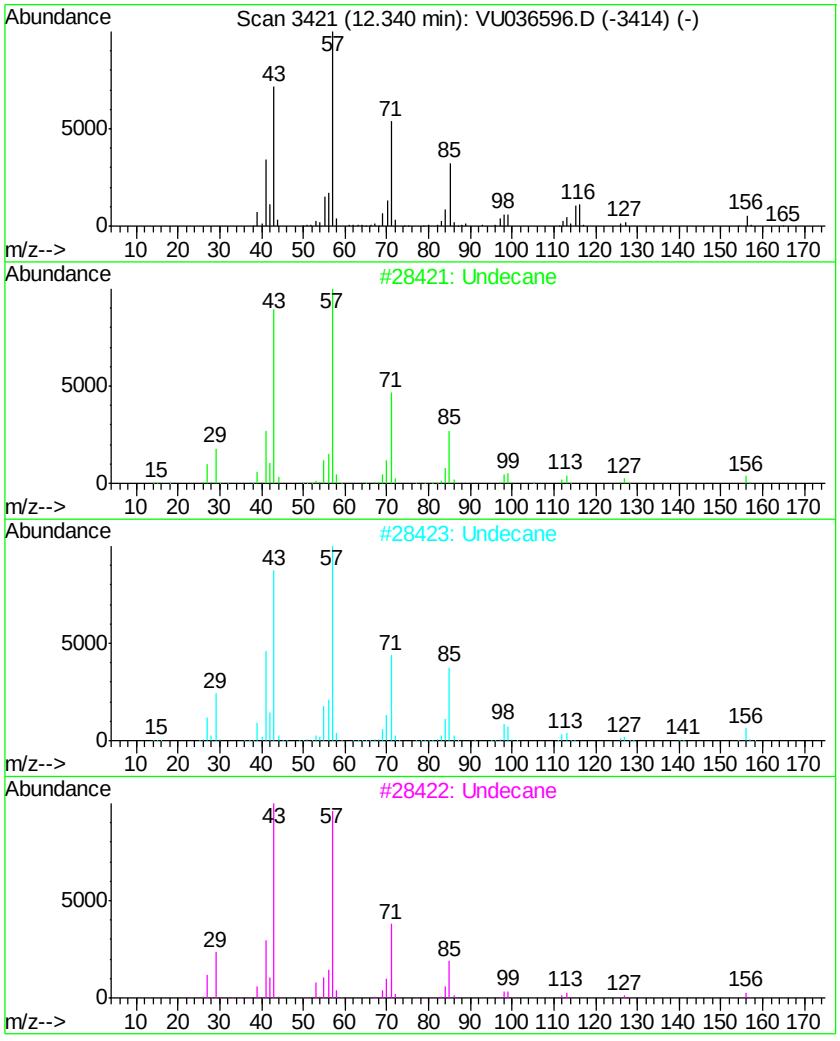
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

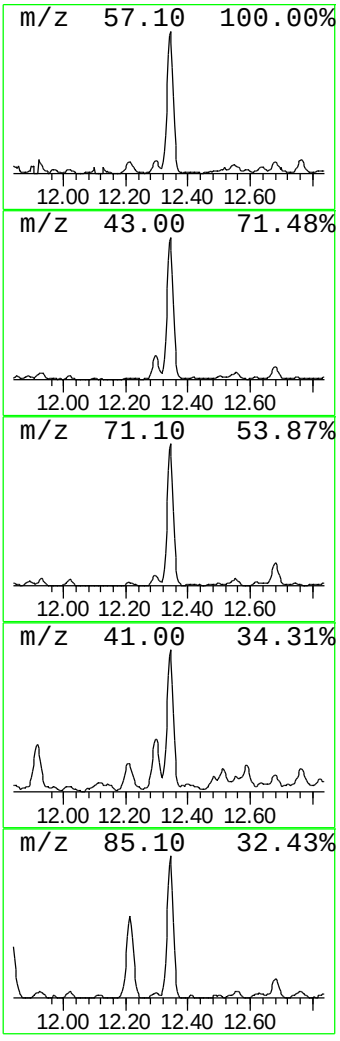
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 29

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.34 | 10.14 ug/L | 184940 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Undecane | 156 | C11H24 | 001120-21-4 | 94 |
| 2 | Undecane | 156 | C11H24 | 001120-21-4 | 92 |
| 3 | Undecane | 156 | C11H24 | 001120-21-4 | 81 |
| 4 | Undecane | 156 | C11H24 | 001120-21-4 | 81 |
| 5 | Undecane | 156 | C11H24 | 001120-21-4 | 70 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036596.D
Acq On : 29 Jan 2020 16:34
Operator : JC/MD
Sample : L1271-05 20X
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASZ6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

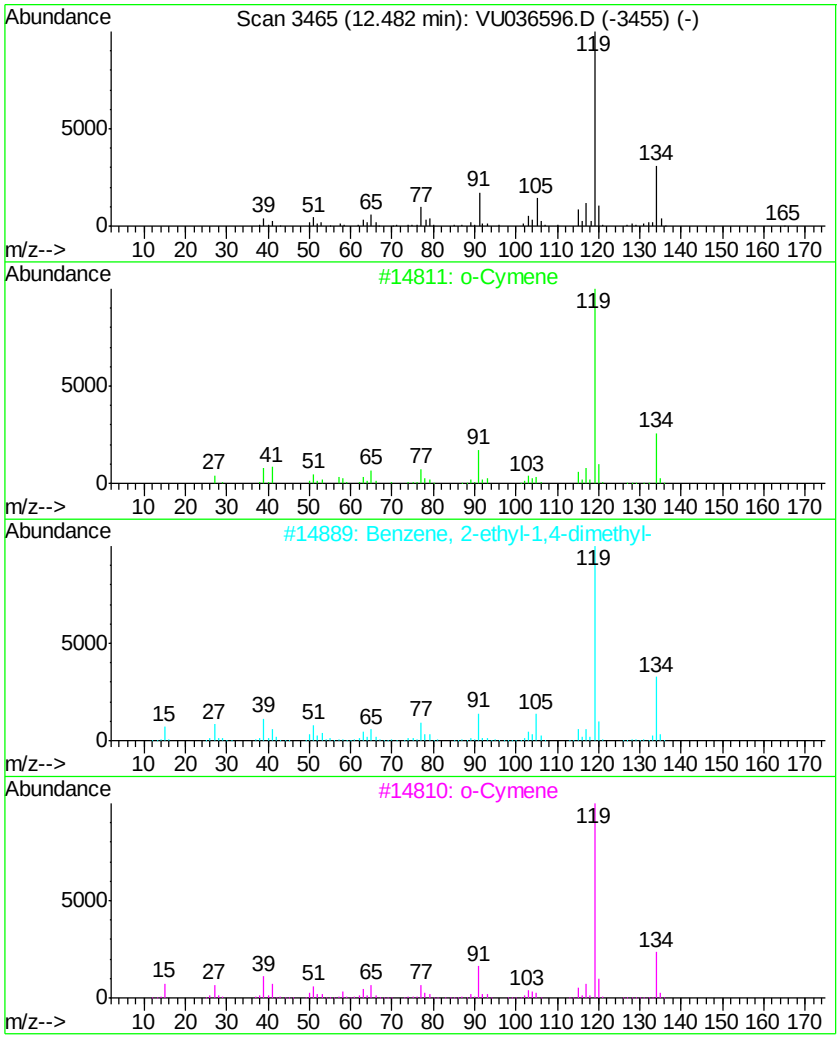
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

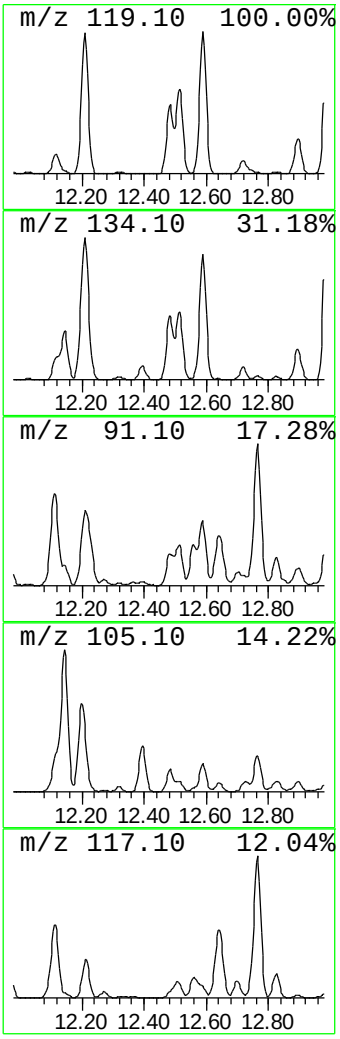
**********

Peak Number 12 o-Cymene Concentration Rank 37

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.48 | 7.13 ug/L | 130078 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | o-Cymene | 134 | C10H14 | 000527-84-4 | 97 |
| 2 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 95 |
| 3 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 4 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 95 |
| 5 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 95 |



# Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036596.D
Acq On : 29 Jan 2020 16:34
Operator : JC/MD
Sample : L1271-05 20X
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASZ6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

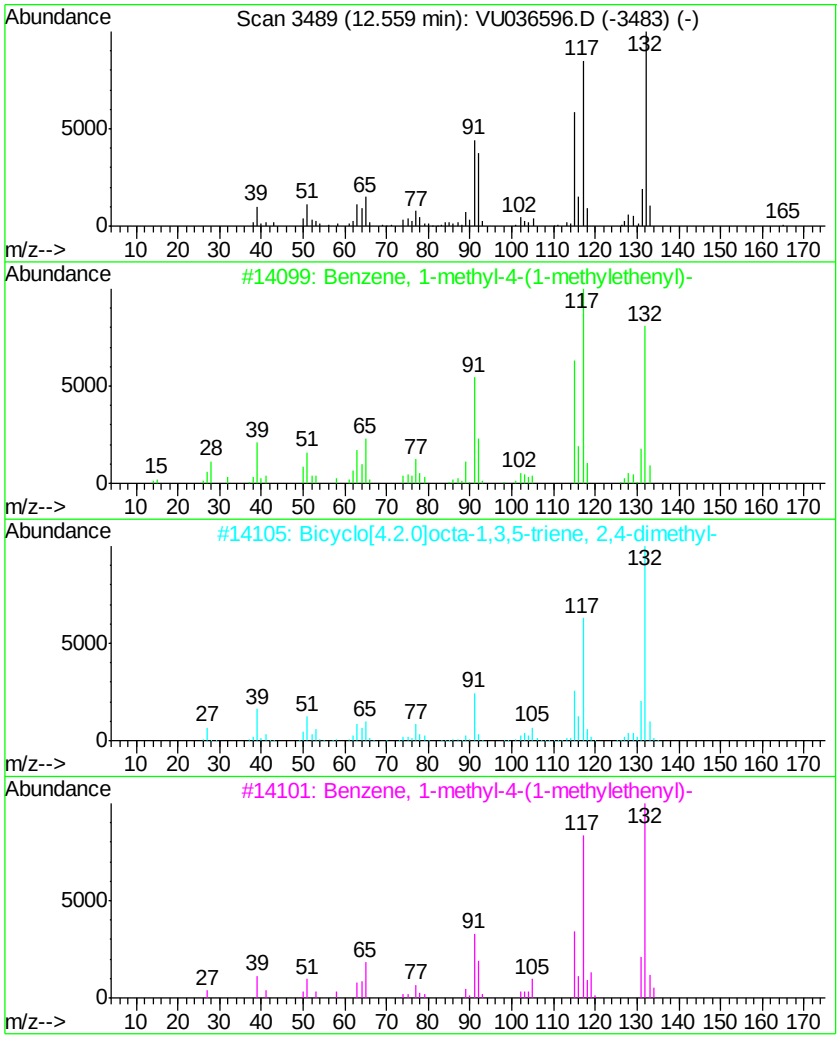
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

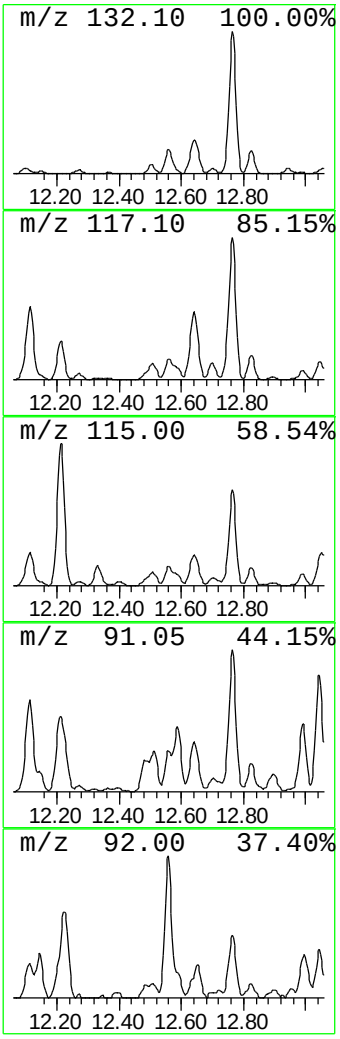
**********

Peak Number 13 Benzene, 1-methyl-4-(1-meth... Concentration Rank 41

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.56 | 4.53 ug/L | 82741 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-methyl-4-(1-methyleth... | 132 | C10H12 | 001195-32-0 | 97 |
| 2 | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12 | 028749-81-7 | 91 |
| 3 | Benzene, 1-methyl-4-(1-methyleth... | 132 | C10H12 | 001195-32-0 | 87 |
| 4 | Benzene, 1-ethenyl-3,5-dimethyl- | 132 | C10H12 | 005379-20-4 | 87 |
| 5 | Benzene, 1-methyl-4-(1-methyleth... | 132 | C10H12 | 001195-32-0 | 87 |



# Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036596.D
Acq On : 29 Jan 2020 16:34
Operator : JC/MD
Sample : L1271-05 20X
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASZ6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

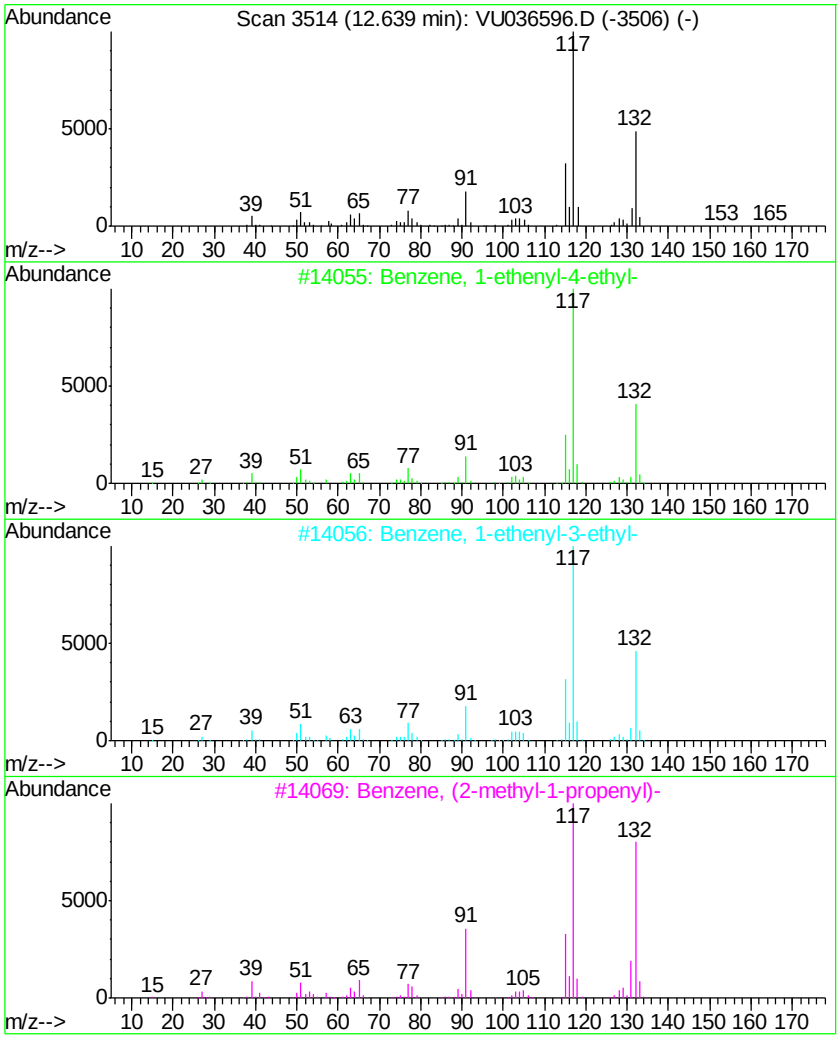
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

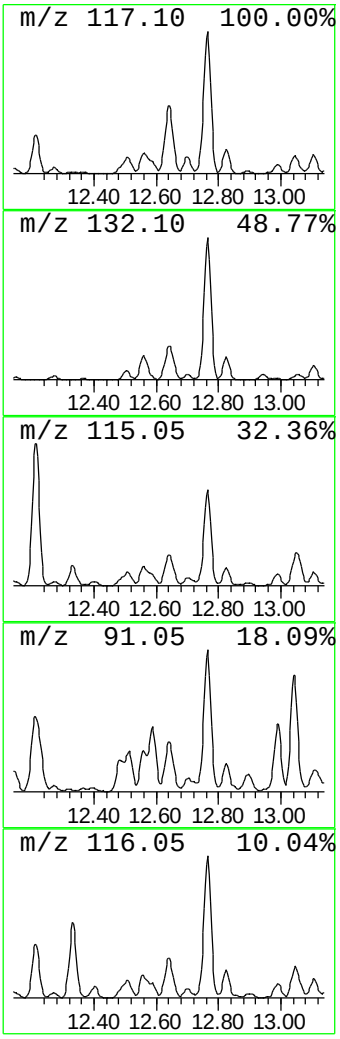
**********

Peak Number 14 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.64 | 11.76 ug/L | 214626 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethenyl-4-ethyl- | 132 | C10H12 | 003454-07-7 | 97 |
| 2 | Benzene, 1-ethenyl-3-ethyl- | 132 | C10H12 | 007525-62-4 | 96 |
| 3 | Benzene, (2-methyl-1-propenyl)- | 132 | C10H12 | 000768-49-0 | 94 |
| 4 | Benzene, (2-methylcyclopropyl)- | 132 | C10H12 | 1000327-39-0 | 93 |
| 5 | Benzene, (2-methyl-2-propenyl)- | 132 | C10H12 | 003290-53-7 | 91 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036596.D
Acq On : 29 Jan 2020 16:34
Operator : JC/MD
Sample : L1271-05 20X
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASZ6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

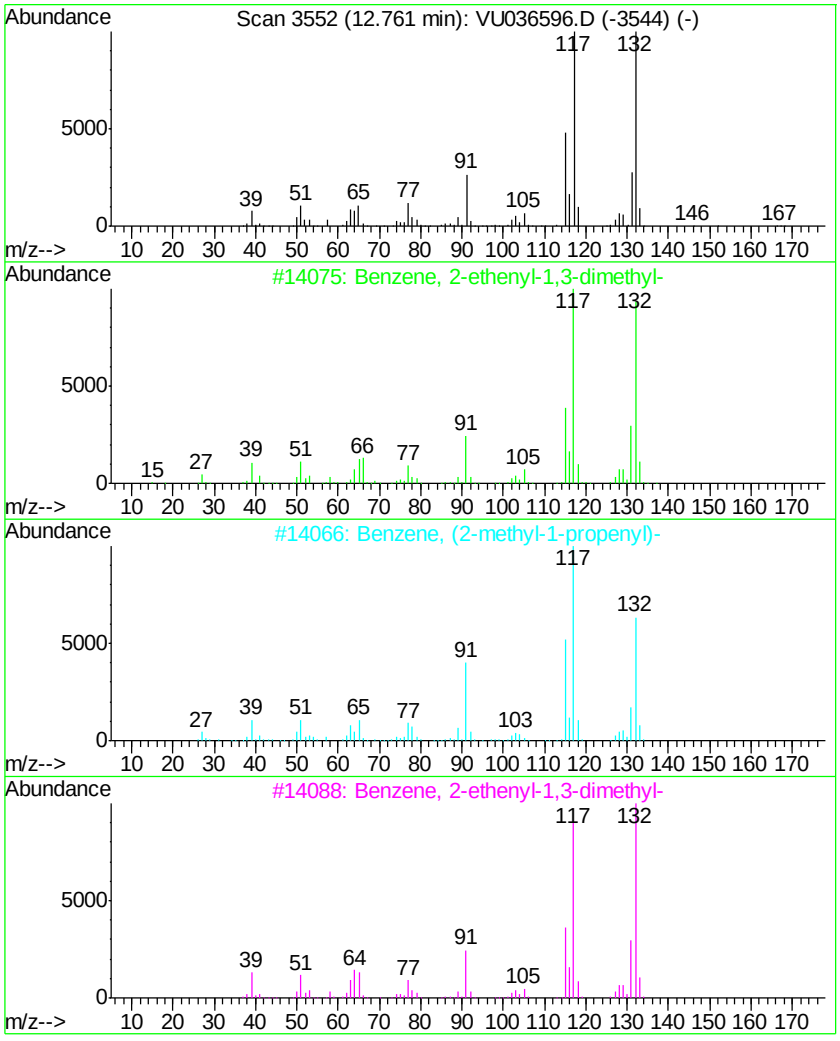
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

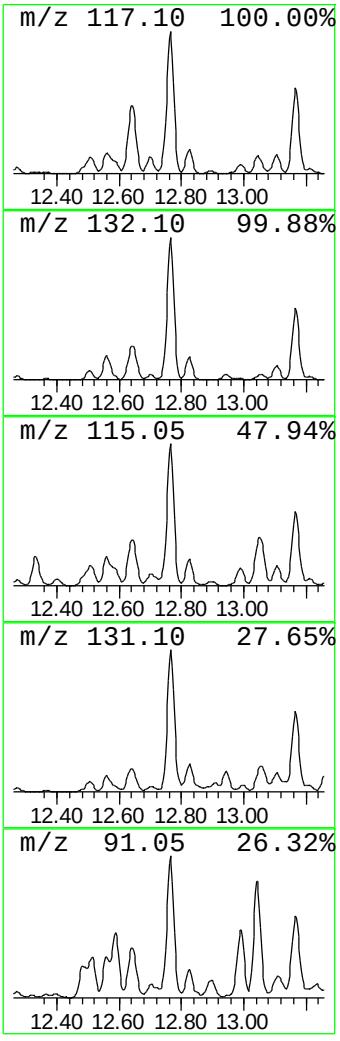
**********

Peak Number 15 Benzene, 2-ethenyl-1,3-dime... Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.76 | 35.48 ug/L | 647322 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-ethenyl-1,3-dimethyl- | 132 | C10H12 | 002039-90-9 | 97 |
| 2 | Benzene, (2-methyl-1-propenyl)- | 132 | C10H12 | 000768-49-0 | 95 |
| 3 | Benzene, 2-ethenyl-1,3-dimethyl- | 132 | C10H12 | 002039-90-9 | 94 |
| 4 | Benzene, 1-ethenyl-3,5-dimethyl- | 132 | C10H12 | 005379-20-4 | 94 |
| 5 | Benzene, 2-butenyl- | 132 | C10H12 | 001560-06-1 | 94 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036596.D
Acq On : 29 Jan 2020 16:34
Operator : JC/MD
Sample : L1271-05 20X
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASZ6

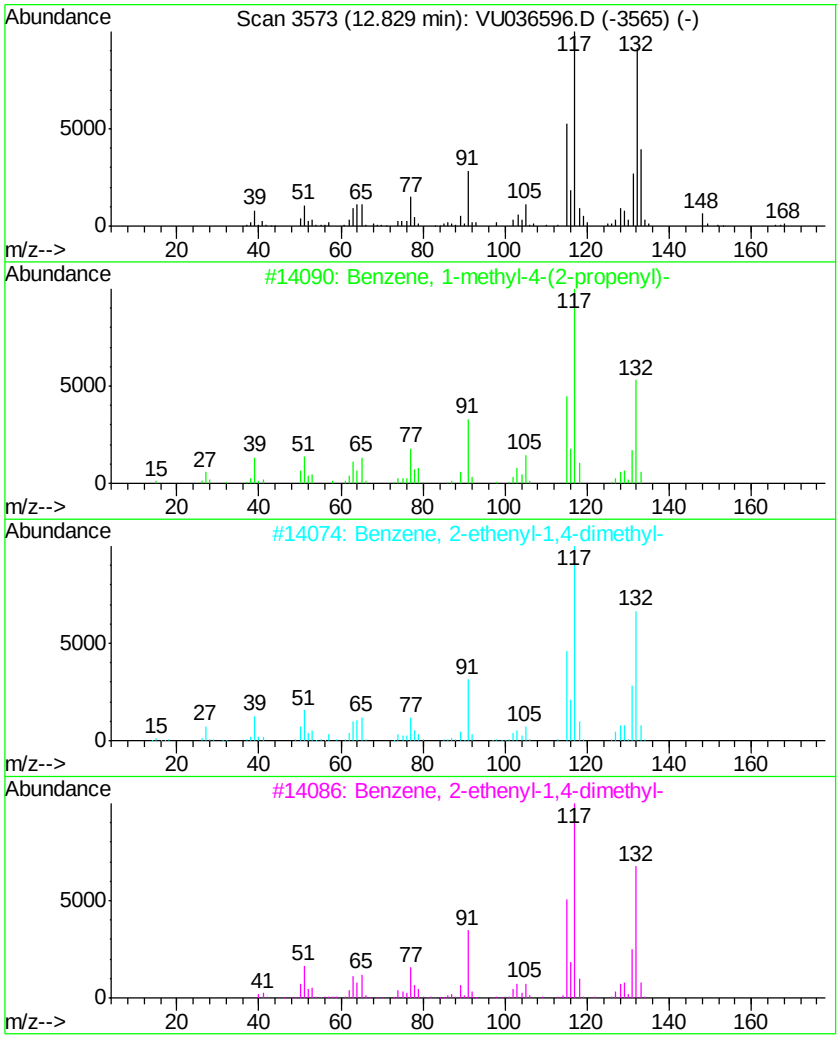
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

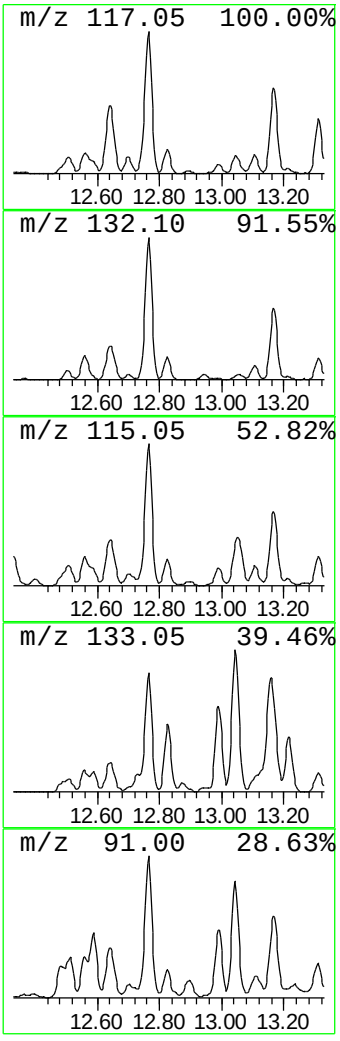
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 16 Benzene, 1-methyl-4-(2-prop... Concentration Rank 39

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.83 | 6.20 ug/L | 113049 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-methyl-4-(2-propenyl)- | 132 | C10H12 | 003333-13-9 | 95 |
| 2 | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12 | 002039-89-6 | 95 |
| 3 | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12 | 002039-89-6 | 95 |
| 4 | 2,4-Dimethylstyrene | 132 | C10H12 | 002234-20-0 | 95 |
| 5 | Benzene, 2-ethenyl-1,3-dimethyl- | 132 | C10H12 | 002039-90-9 | 93 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036596.D
Acq On : 29 Jan 2020 16:34
Operator : JC/MD
Sample : L1271-05 20X
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASZ6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

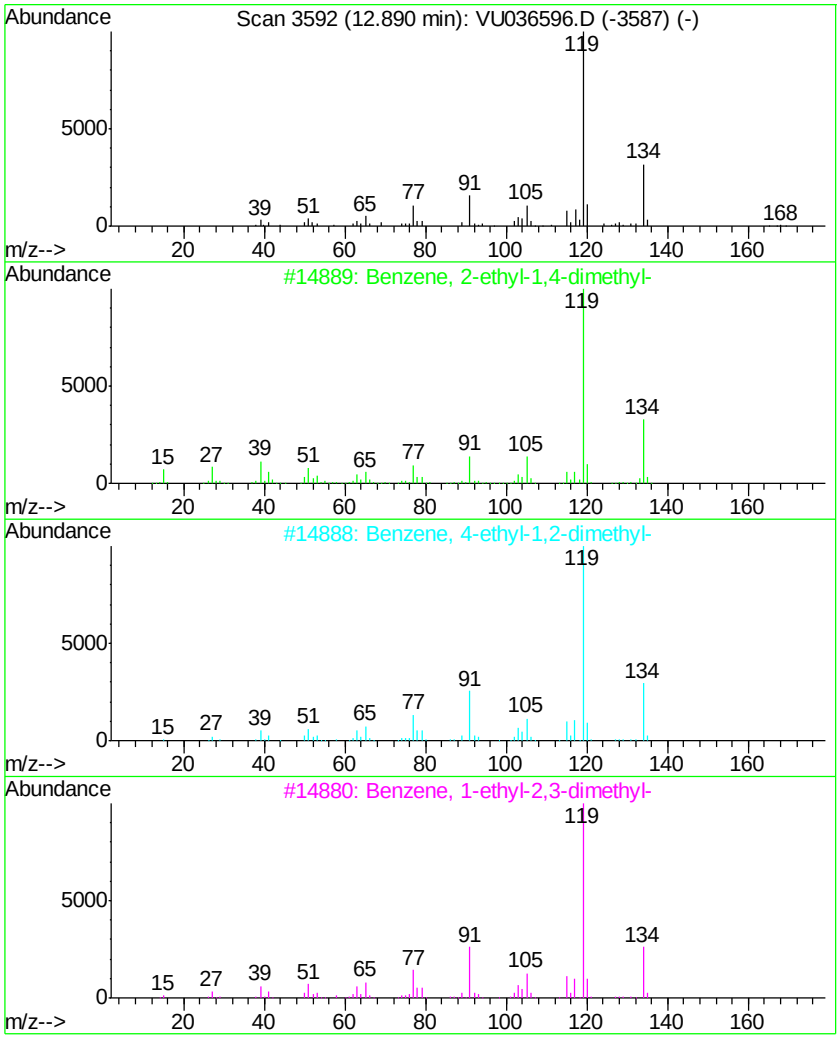
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

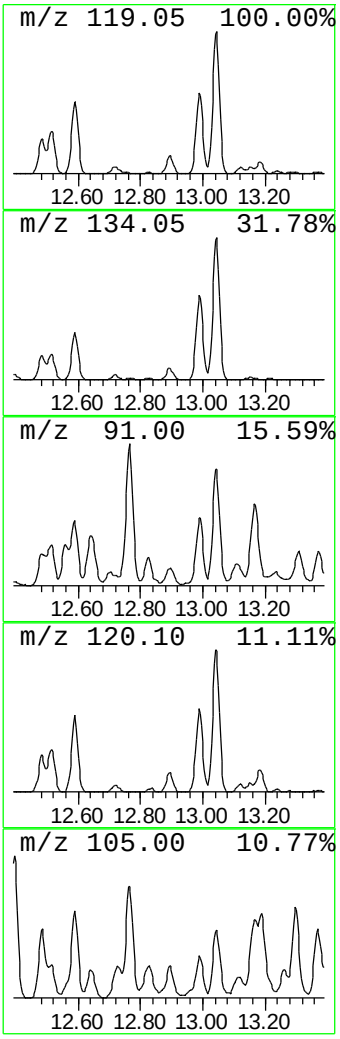
**********

Peak Number 17 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 42

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.89 | 2.67 ug/L | 48808 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 95 |
| 2 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 95 |
| 3 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 95 |
| 4 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 94 |
| 5 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 94 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036596.D
Acq On : 29 Jan 2020 16:34
Operator : JC/MD
Sample : L1271-05 20X
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASZ6

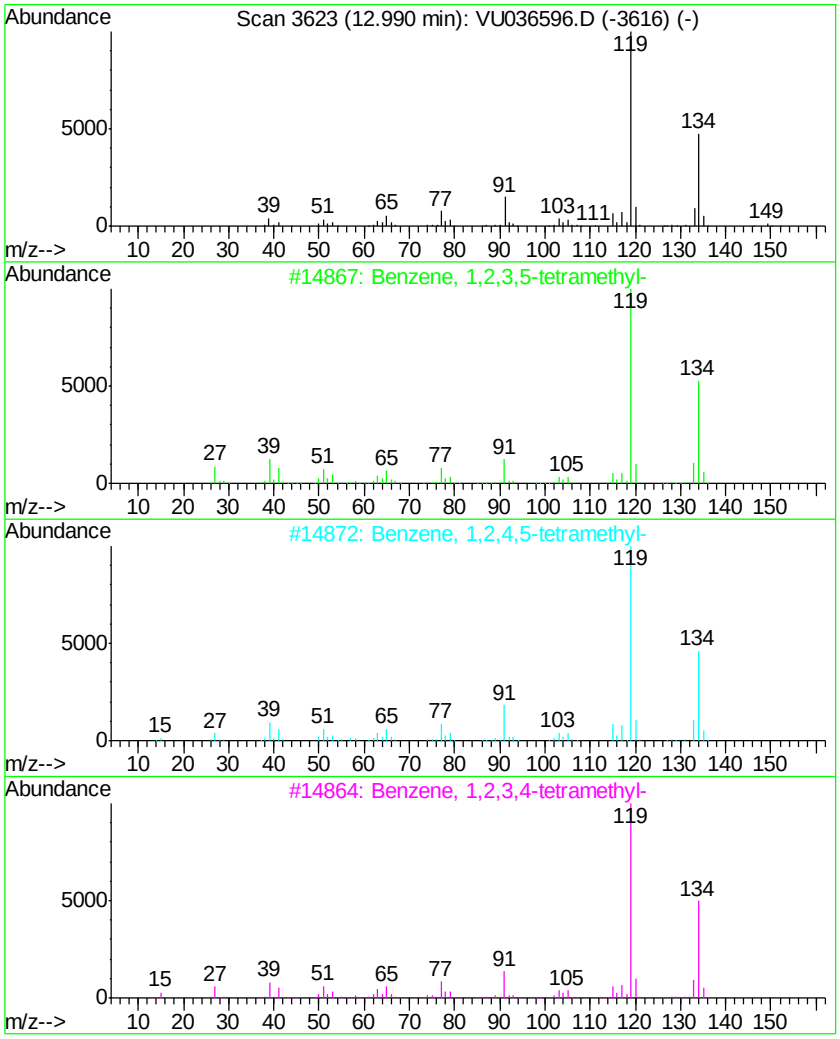
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

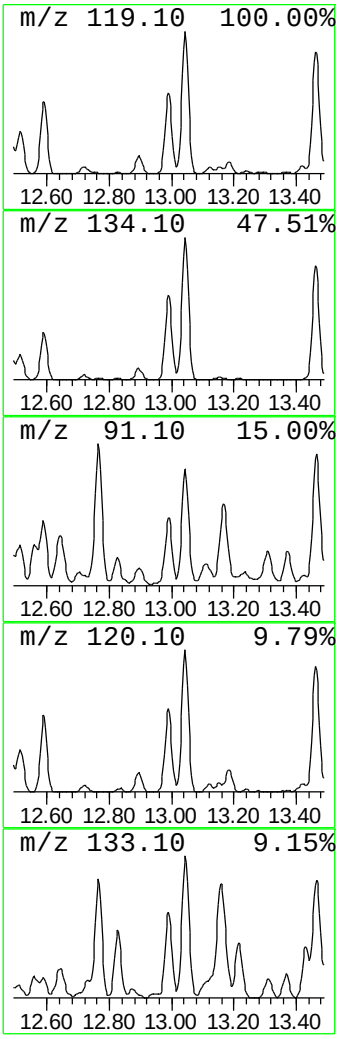
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 18 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.99 | 13.79 ug/L | 251649 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 97 |
| 2 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 97 |
| 3 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 97 |
| 4 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 97 |
| 5 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 97 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036596.D
Acq On : 29 Jan 2020 16:34
Operator : JC/MD
Sample : L1271-05 20X
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASZ6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

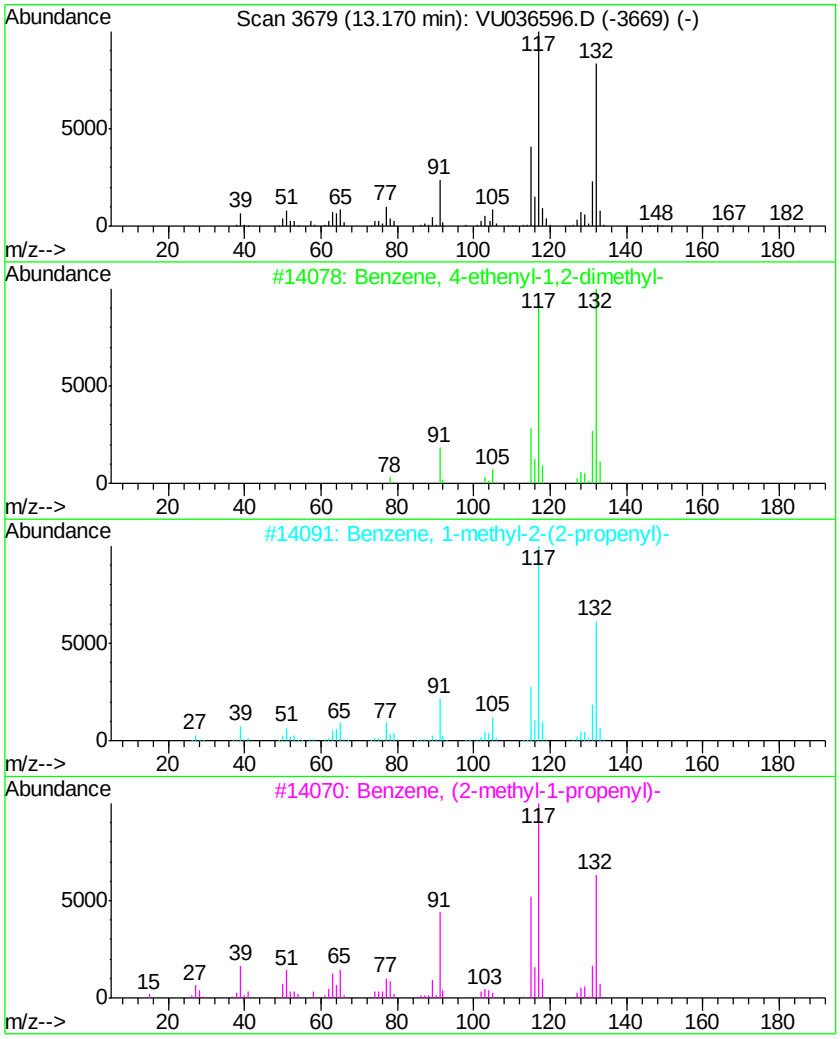
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

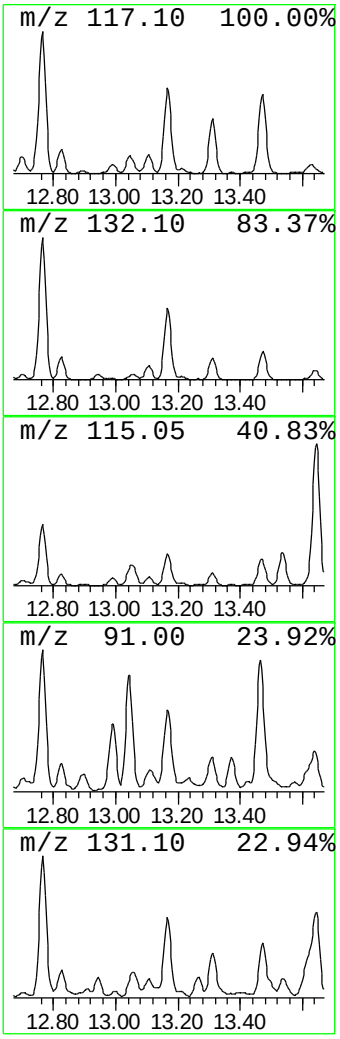
**********

Peak Number 20 Benzene, 4-ethenyl-1,2-dime... Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.17 | 20.20 ug/L | 368520 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 4-ethenyl-1,2-dimethyl- | 132 | C10H12 | 027831-13-6 | 95 |
| 2 | Benzene, 1-methyl-2-(2-propenyl)- | 132 | C10H12 | 001587-04-8 | 95 |
| 3 | Benzene, (2-methyl-1-propenyl)- | 132 | C10H12 | 000768-49-0 | 95 |
| 4 | (E)-1-Phenyl-1-butene | 132 | C10H12 | 001005-64-7 | 94 |
| 5 | Benzene, (2-methyl-1-propenyl)- | 132 | C10H12 | 000768-49-0 | 94 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036596.D
Acq On : 29 Jan 2020 16:34
Operator : JC/MD
Sample : L1271-05 20X
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASZ6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

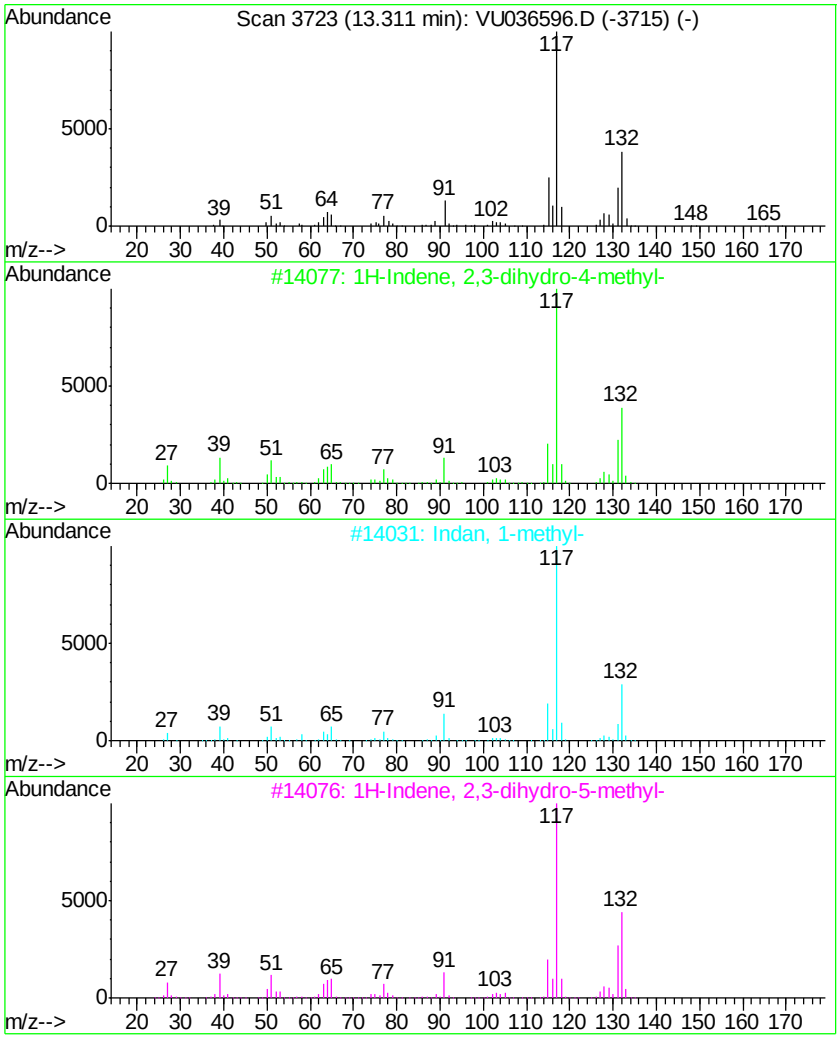
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

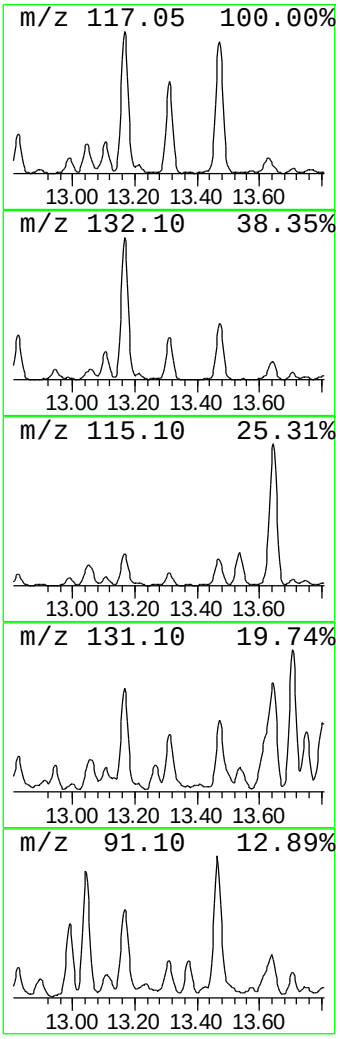
**********

Peak Number 21 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 31

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.31 | 9.48 ug/L | 172981 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12 | 000824-22-6 | 95 |
| 2 | Indan, 1-methyl- | 132 | C10H12 | 000767-58-8 | 93 |
| 3 | 1H-Indene, 2,3-dihydro-5-methyl- | 132 | C10H12 | 000874-35-1 | 93 |
| 4 | Benzene, 1-ethenyl-4-ethyl- | 132 | C10H12 | 003454-07-7 | 83 |
| 5 | Benzene, 1-ethenyl-4-ethyl- | 132 | C10H12 | 003454-07-7 | 81 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036596.D
Acq On : 29 Jan 2020 16:34
Operator : JC/MD
Sample : L1271-05 20X
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASZ6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

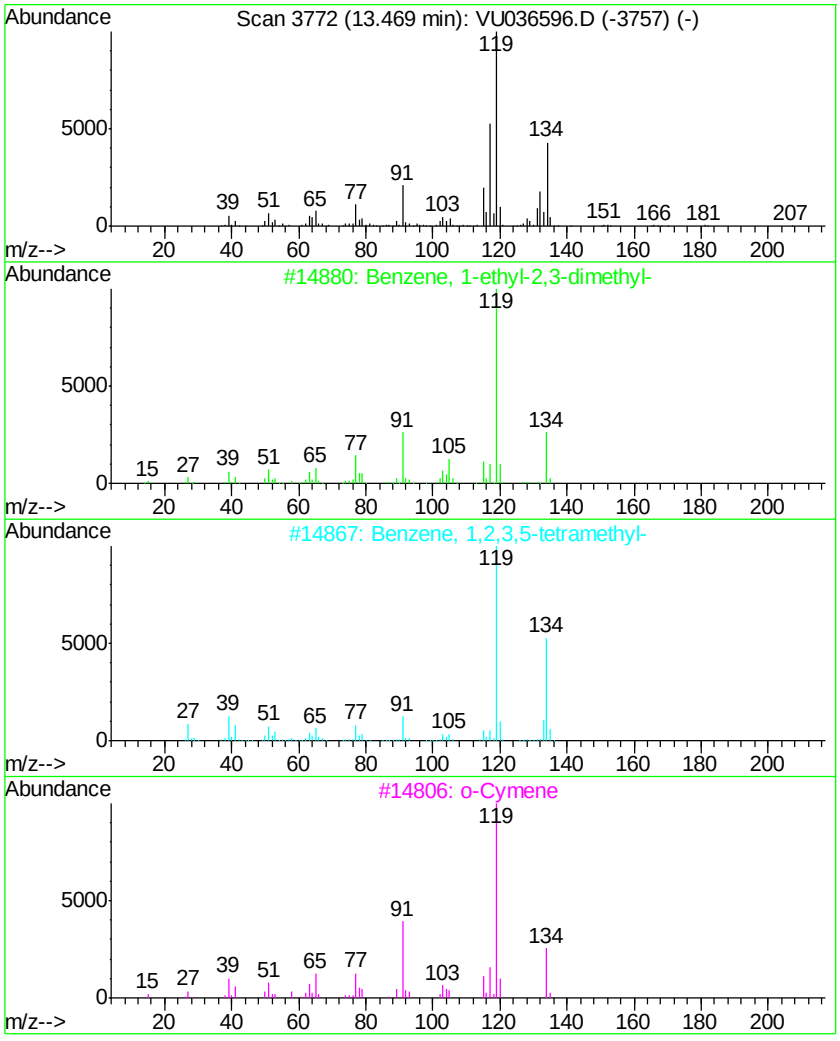
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

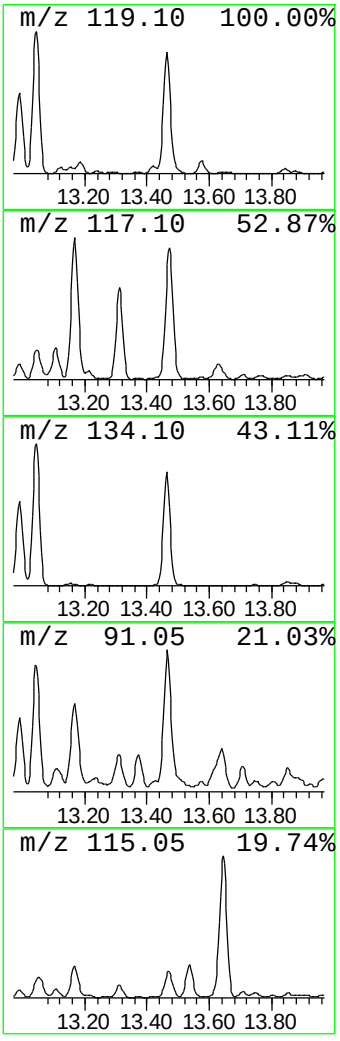
**********

Peak Number 22 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.47 | 56.05 ug/L | 1022780 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 70 |
| 2 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 70 |
| 3 | o-Cymene | 134 | C10H14 | 000527-84-4 | 70 |
| 4 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 70 |
| 5 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 70 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036596.D
Acq On : 29 Jan 2020 16:34
Operator : JC/MD
Sample : L1271-05 20X
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASZ6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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

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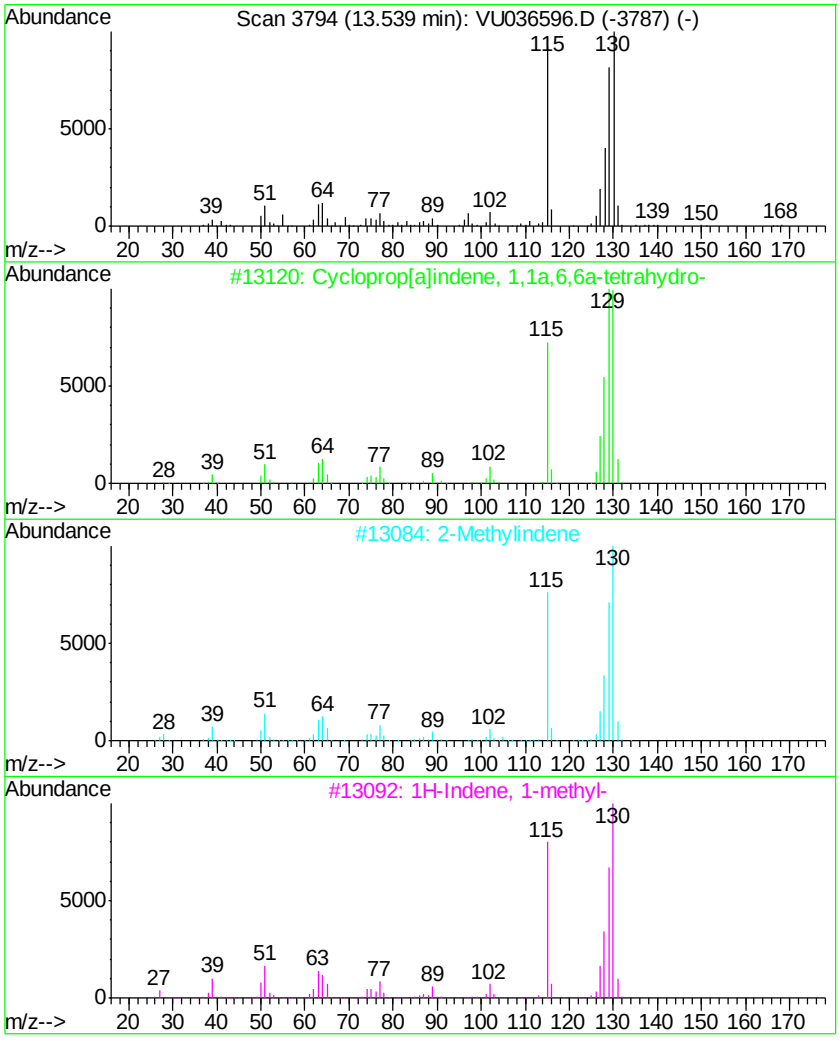
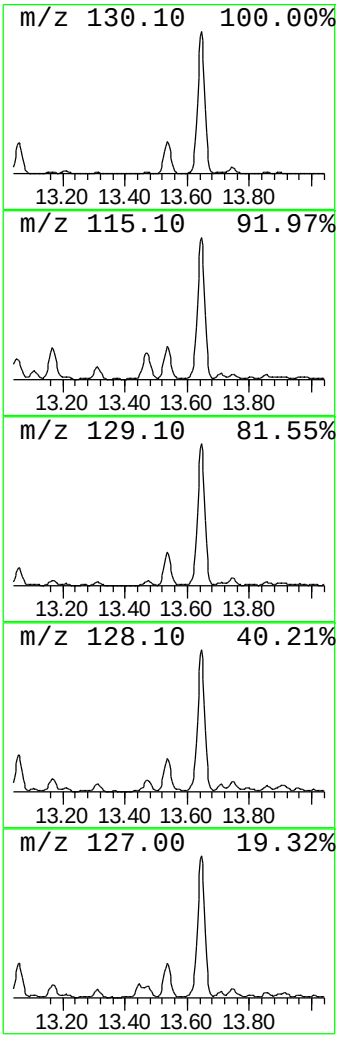
Peak Number 23 Cycloprop[a]indene, 1,1a,6,... Concentration Rank 33

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.54 | 8.37 ug/L | 152804 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cycloprop[a]indene, 1,1a,6,6a-te... | 130 | C10H10 | 015677-15-3 | 93 |
| 2 | 2-Methylindene | 130 | C10H10 | 002177-47-1 | 93 |
| 3 | 1H-Indene, 1-methyl- | 130 | C10H10 | 000767-59-9 | 91 |
| 4 | Benzene, (1-methyl-2-cyclopropen... | 130 | C10H10 | 065051-83-4 | 91 |
| 5 | Benzene, 1-butynyl- | 130 | C10H10 | 000622-76-4 | 91 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036596.D
Acq On : 29 Jan 2020 16:34
Operator : JC/MD
Sample : L1271-05 20X
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASZ6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

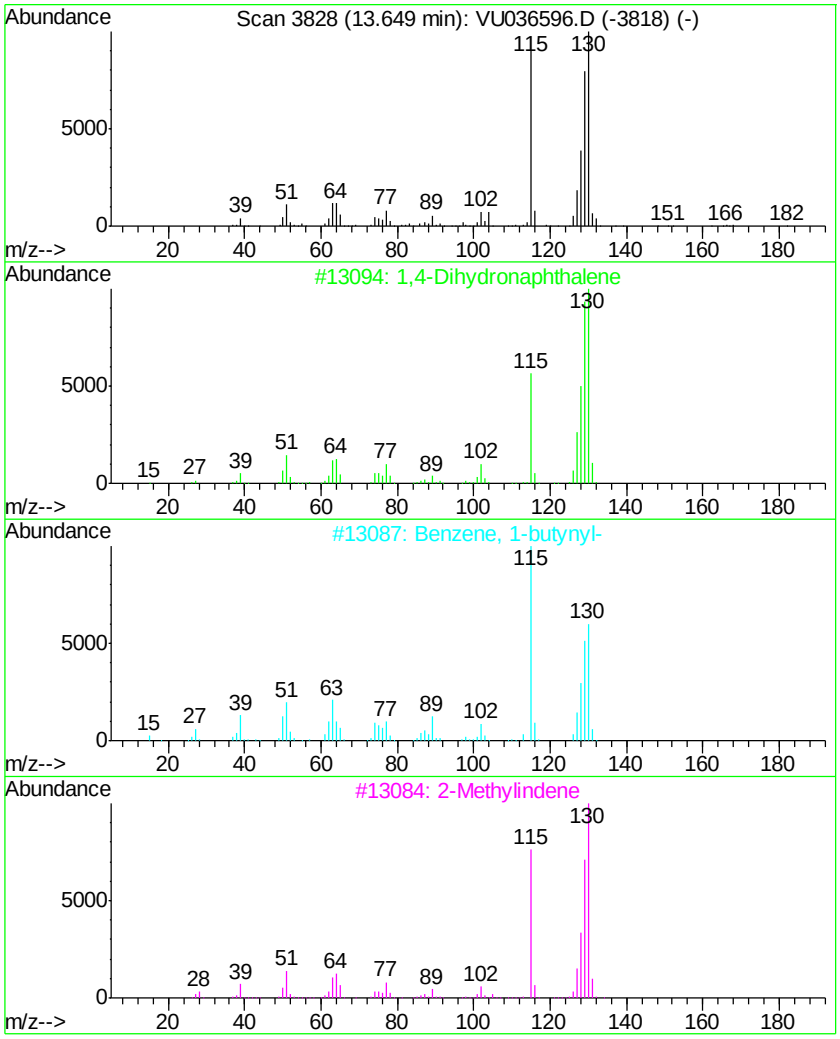
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

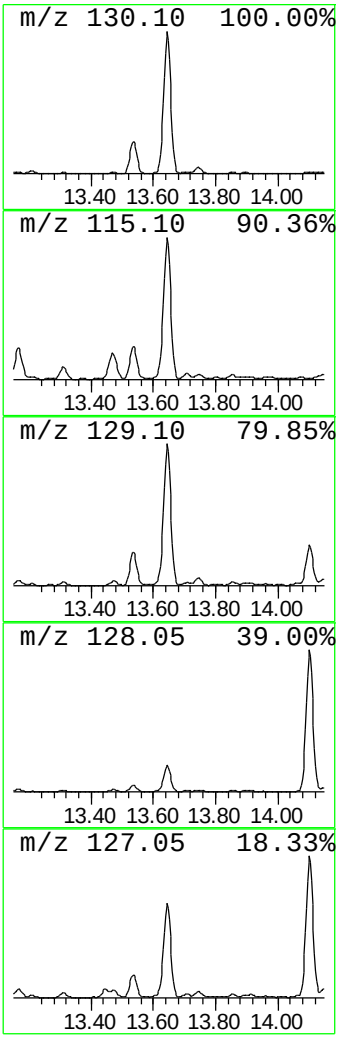
**********

Peak Number 24 1,4-Dihydronaphthalene Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.65 | 50.02 ug/L | 912697 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,4-Dihydronaphthalene | 130 | C10H10 | 000612-17-9 | 96 |
| 2 | Benzene, 1-butynyl- | 130 | C10H10 | 000622-76-4 | 93 |
| 3 | 2-Methylindene | 130 | C10H10 | 002177-47-1 | 91 |
| 4 | 1H-Indene, 1-methyl- | 130 | C10H10 | 000767-59-9 | 91 |
| 5 | 1,4-Dihydronaphthalene | 130 | C10H10 | 000612-17-9 | 91 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036596.D
Acq On : 29 Jan 2020 16:34
Operator : JC/MD
Sample : L1271-05 20X
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASZ6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

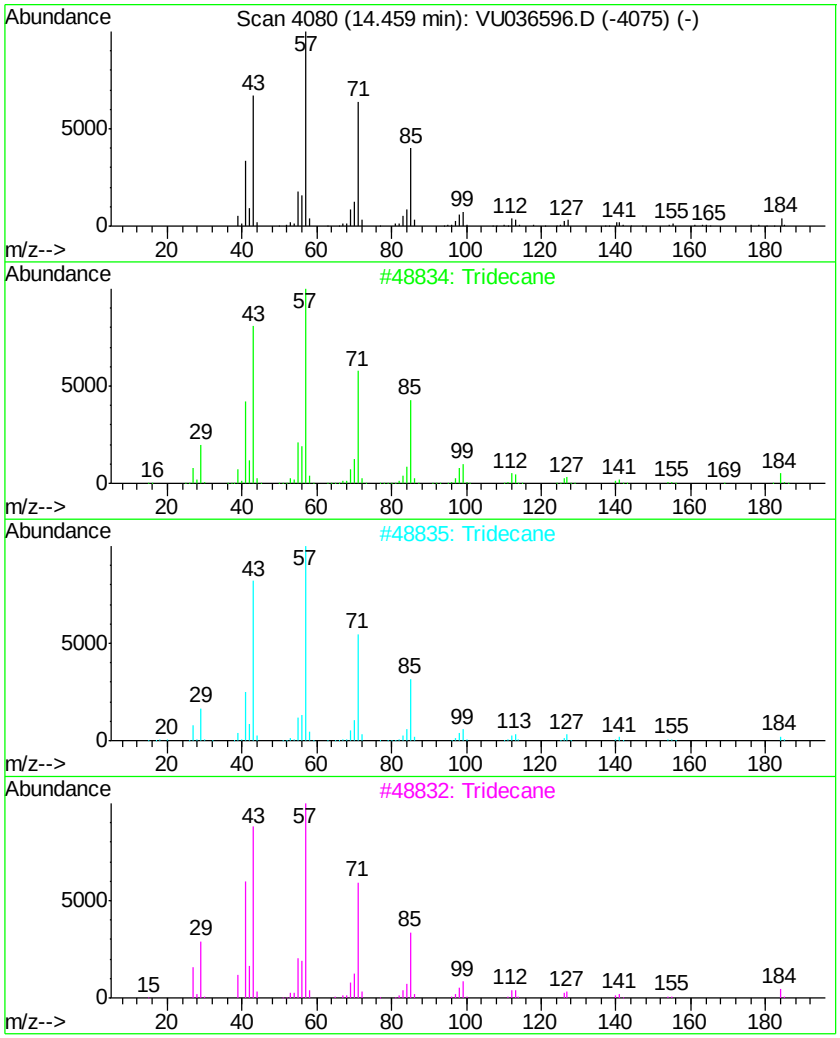
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

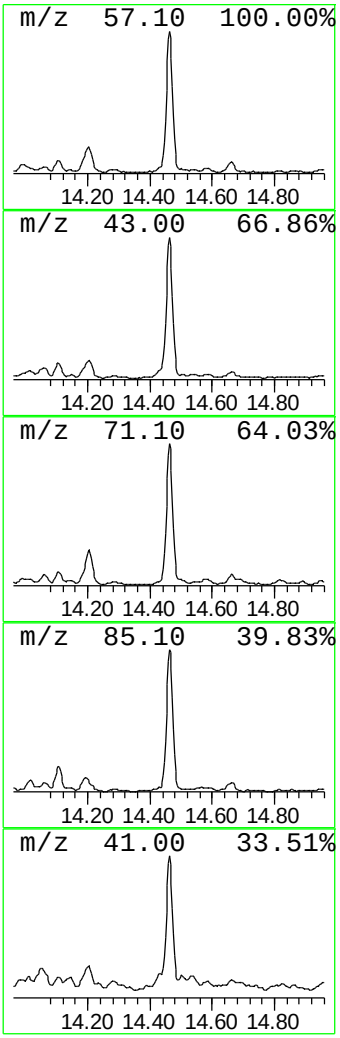
**********

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 28

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.46 | 10.19 ug/L | 185927 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane | 184 | C13H28 | 000629-50-5 | 96 |
| 2 | Tridecane | 184 | C13H28 | 000629-50-5 | 94 |
| 3 | Tridecane | 184 | C13H28 | 000629-50-5 | 94 |
| 4 | Tetradecane | 198 | C14H30 | 000629-59-4 | 91 |
| 5 | 1-Octadecanesulphonyl chloride | 352 | C18H37ClO2S | 1000342-70-4 | 90 |



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Data File : VU036596.D
Acq On : 29 Jan 2020 16:34
Operator : JC/MD
Sample : L1271-05 20X
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASZ6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

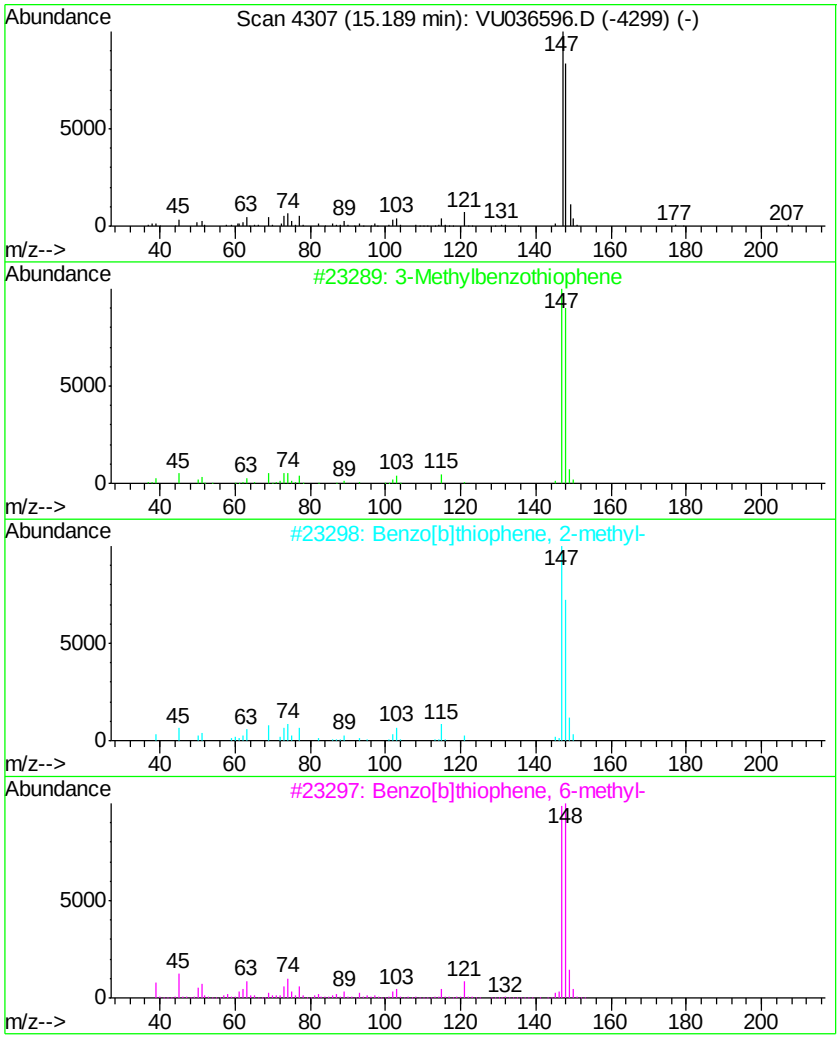
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

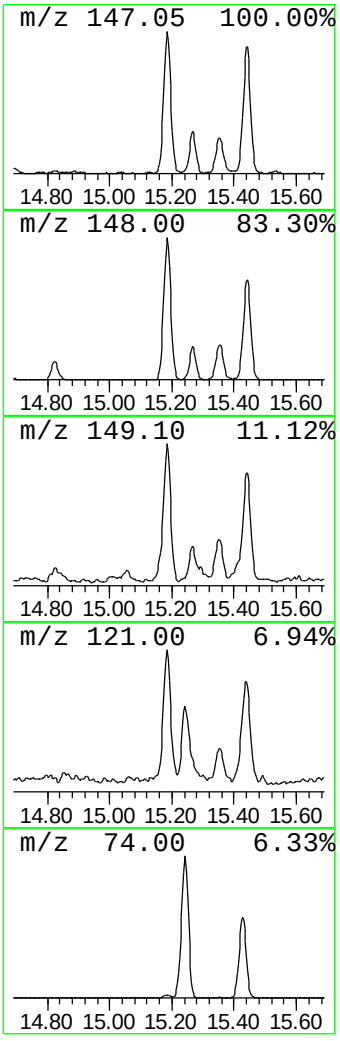
**********

Peak Number 27 3-Methylbenzothiophene Concentration Rank 38

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.19 | 7.07 ug/L | 129097 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Methylbenzothiophene | 148 | C9H8S | 001455-18-1 | 91 |
| 2 | Benzo[b]thiophene, 2-methyl- | 148 | C9H8S | 001195-14-8 | 91 |
| 3 | Benzo[b]thiophene, 6-methyl- | 148 | C9H8S | 016587-47-6 | 91 |
| 4 | Benzo[b]thiophene, 5-methyl- | 148 | C9H8S | 014315-14-1 | 87 |
| 5 | 2-Methyl-5-hydroxybenzofuran | 148 | C9H8O2 | 006769-56-8 | 80 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036596.D
Acq On : 29 Jan 2020 16:34
Operator : JC/MD
Sample : L1271-05 20X
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASZ6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

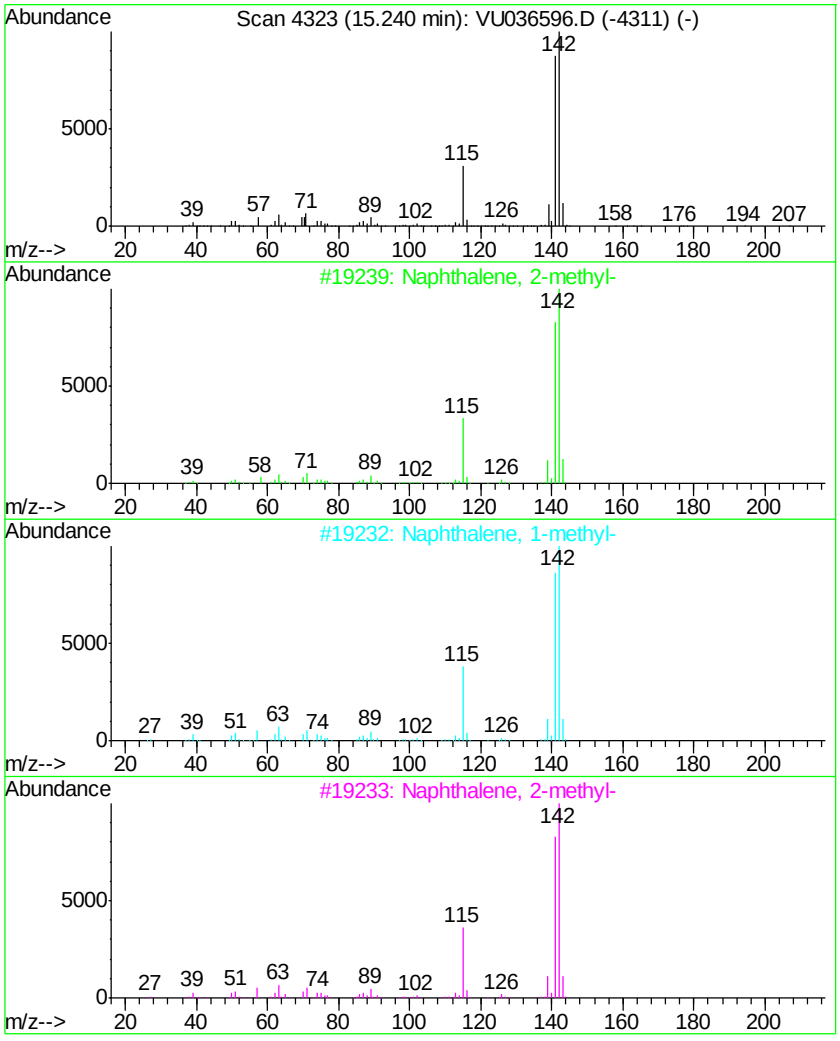
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

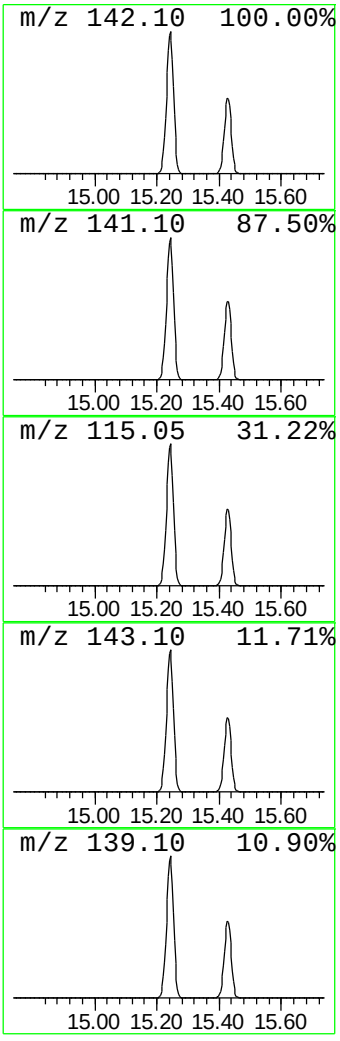
**********

Peak Number 28 Naphthalene, 1-methyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.24 | 1325.89 ug/L | 24193600 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-methyl- | 142 | C11H10 | 000091-57-6 | 96 |
| 2 | Naphthalene, 1-methyl- | 142 | C11H10 | 000090-12-0 | 96 |
| 3 | Naphthalene, 2-methyl- | 142 | C11H10 | 000091-57-6 | 96 |
| 4 | Naphthalene, 1-methyl- | 142 | C11H10 | 000090-12-0 | 94 |
| 5 | Naphthalene, 2-methyl- | 142 | C11H10 | 000091-57-6 | 94 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036596.D
Acq On : 29 Jan 2020 16:34
Operator : JC/MD
Sample : L1271-05 20X
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASZ6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

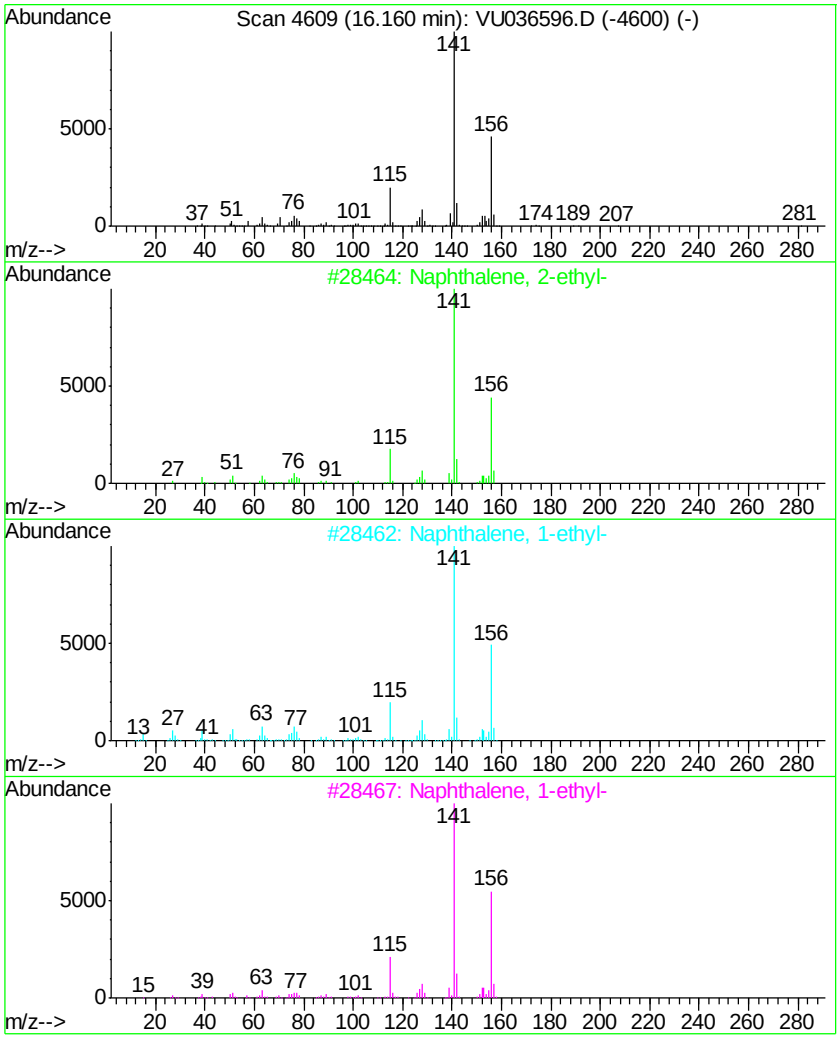
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

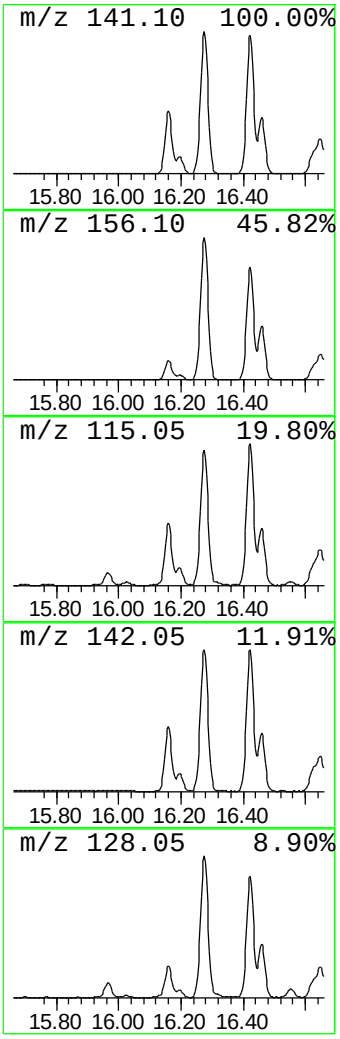
**********

Peak Number 31 Naphthalene, 2-ethyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.16 | 47.66 ug/L | 869731 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-ethyl- | 156 | C12H12 | 000939-27-5 | 96 |
| 2 | Naphthalene, 1-ethyl- | 156 | C12H12 | 001127-76-0 | 96 |
| 3 | Naphthalene, 1-ethyl- | 156 | C12H12 | 001127-76-0 | 96 |
| 4 | Naphthalene, 2-ethyl- | 156 | C12H12 | 000939-27-5 | 96 |
| 5 | Naphthalene, 2-ethyl- | 156 | C12H12 | 000939-27-5 | 95 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036596.D
Acq On : 29 Jan 2020 16:34
Operator : JC/MD
Sample : L1271-05 20X
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASZ6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

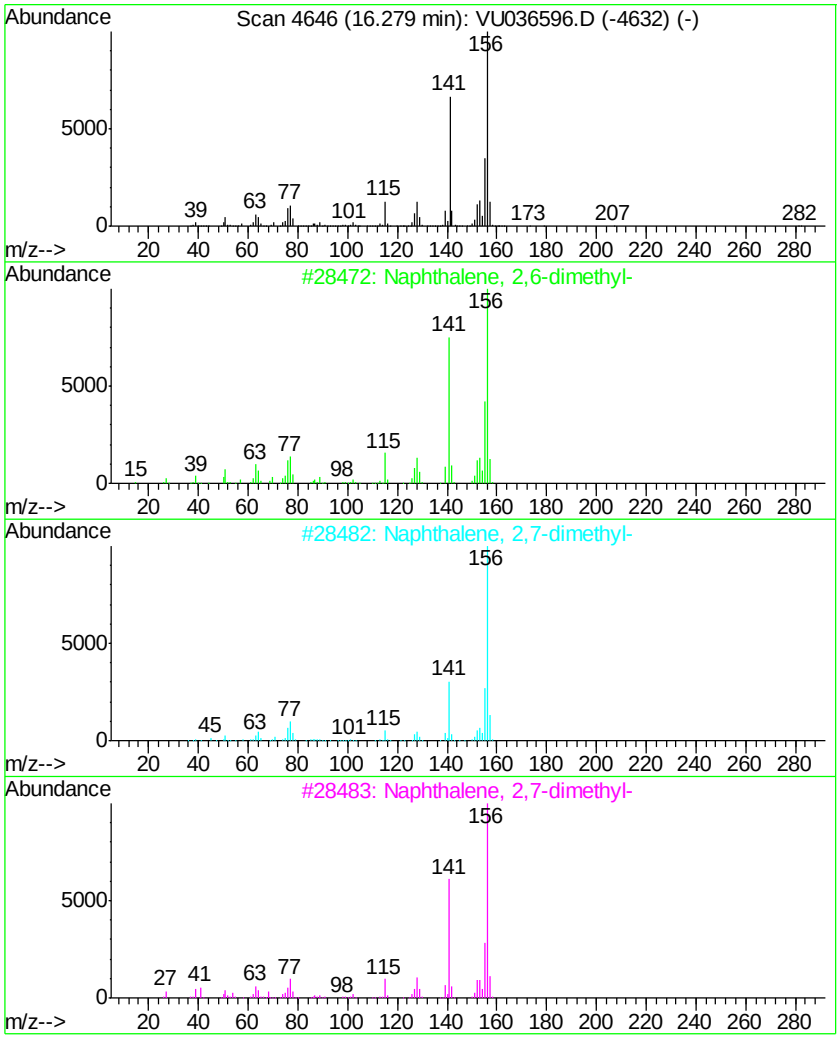
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

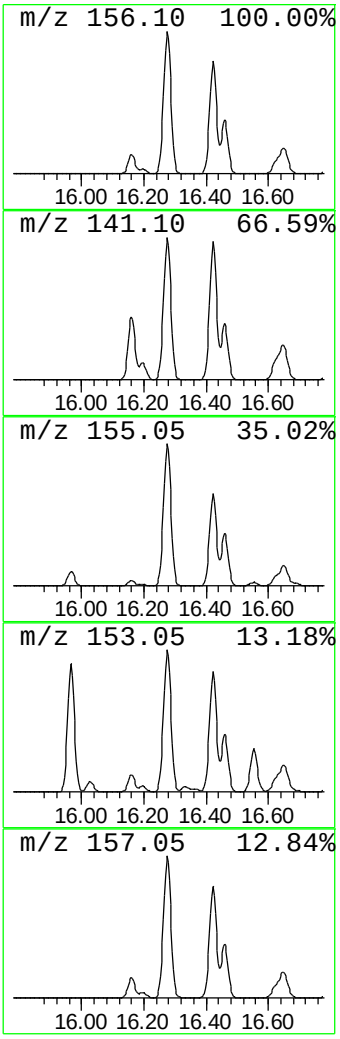
**********

Peak Number 32 Naphthalene, 2,6-dimethyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.28 | 254.55 ug/L | 4644770 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 98 |
| 2 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 97 |
| 3 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 97 |
| 4 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 97 |
| 5 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 97 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036596.D
Acq On : 29 Jan 2020 16:34
Operator : JC/MD
Sample : L1271-05 20X
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASZ6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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

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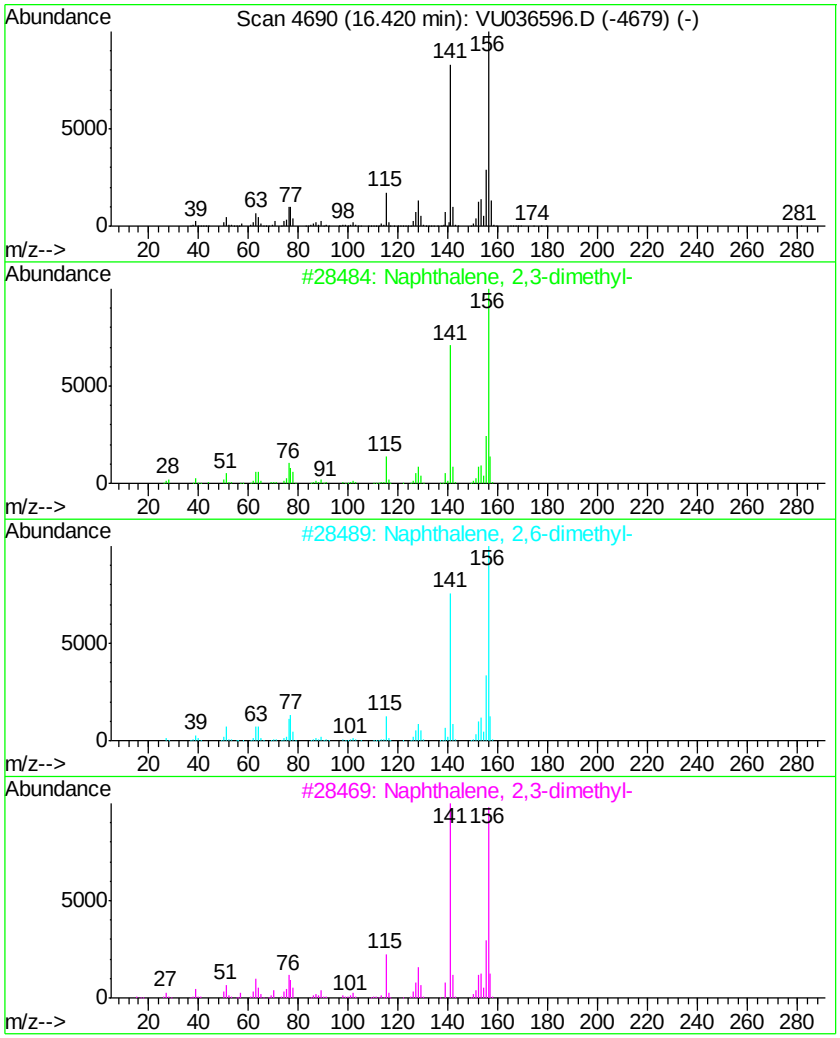
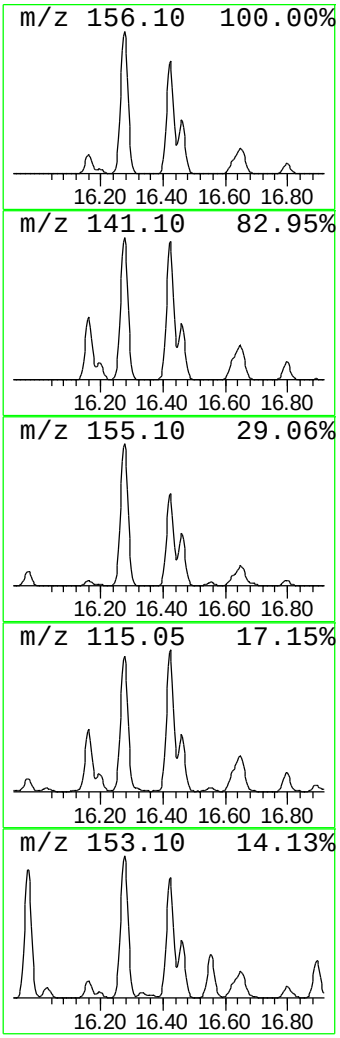
Peak Number 33 Naphthalene, 2,3-dimethyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.42 | 197.62 ug/L | 3605980 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |
| 2 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 97 |
| 3 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |
| 4 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 97 |
| 5 | Naphthalene, 1,4-dimethyl- | 156 | C12H12 | 000571-58-4 | 97 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036596.D
Acq On : 29 Jan 2020 16:34
Operator : JC/MD
Sample : L1271-05 20X
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASZ6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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

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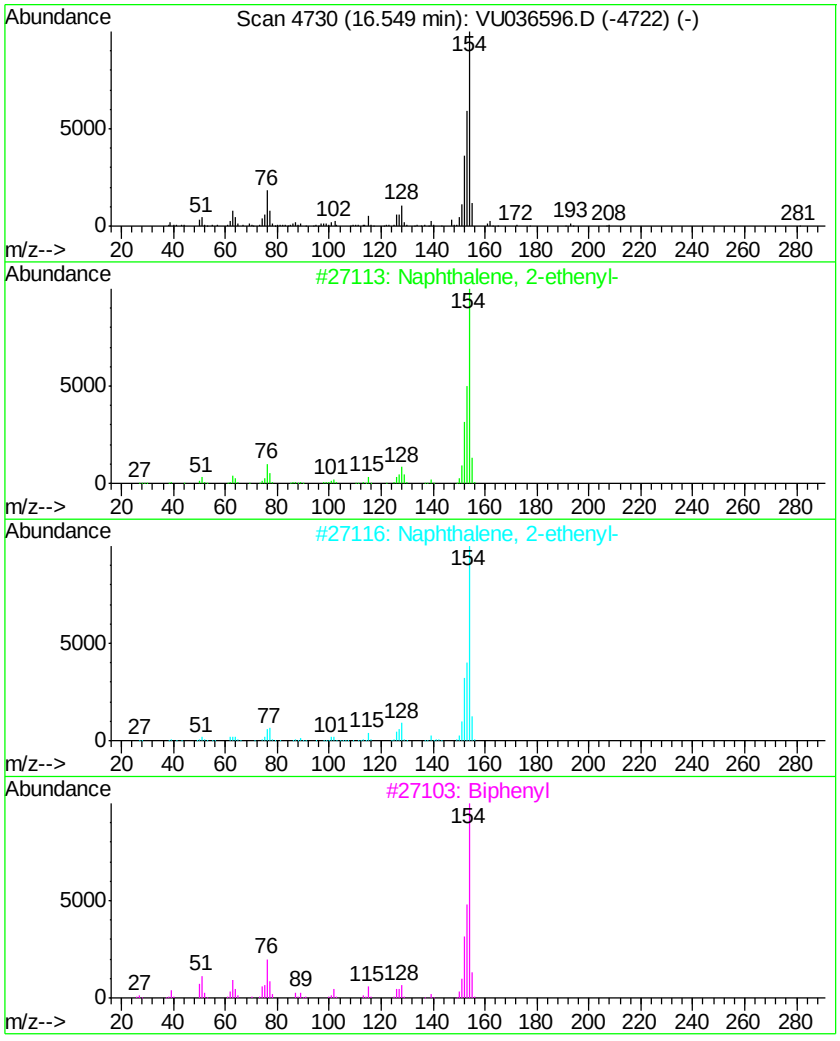
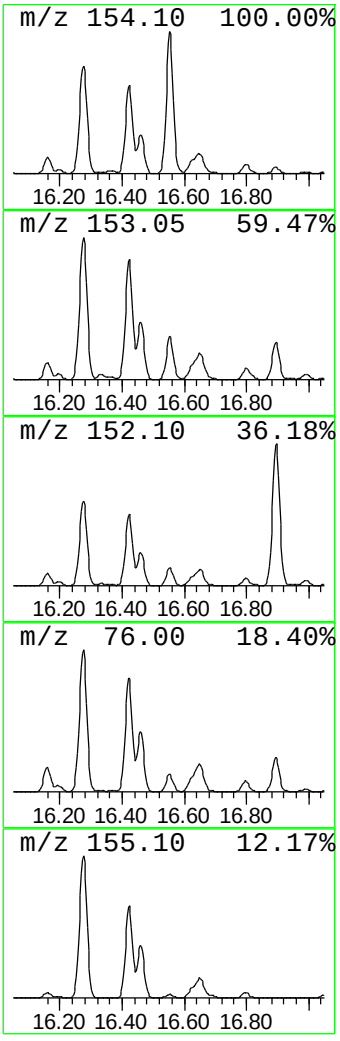
Peak Number 34 Naphthalene, 2-ethenyl- Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.55 | 14.74 ug/L | 268927 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-ethenyl- | 154 | C12H10 | 000827-54-3 | 94 |
| 2 | Naphthalene, 2-ethenyl- | 154 | C12H10 | 000827-54-3 | 93 |
| 3 | Biphenyl | 154 | C12H10 | 000092-52-4 | 93 |
| 4 | Acenaphthene | 154 | C12H10 | 000083-32-9 | 81 |
| 5 | Biphenyl | 154 | C12H10 | 000092-52-4 | 76 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036596.D
Acq On : 29 Jan 2020 16:34
Operator : JC/MD
Sample : L1271-05 20X
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASZ6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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

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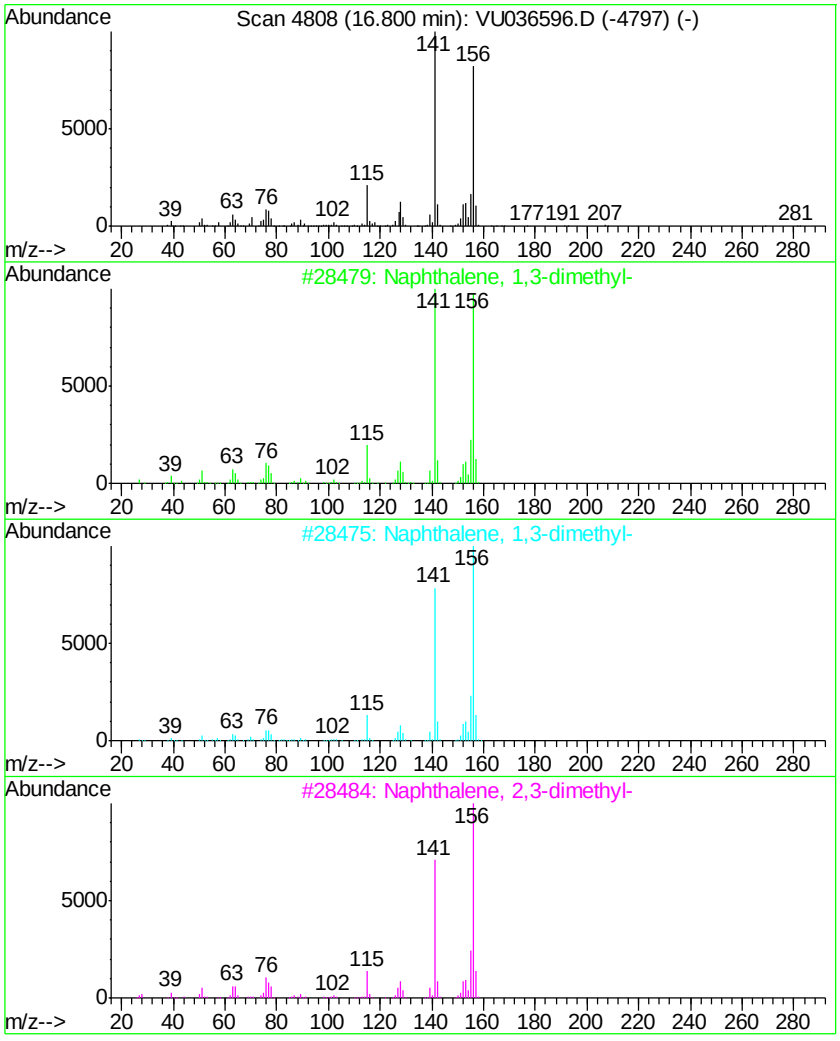
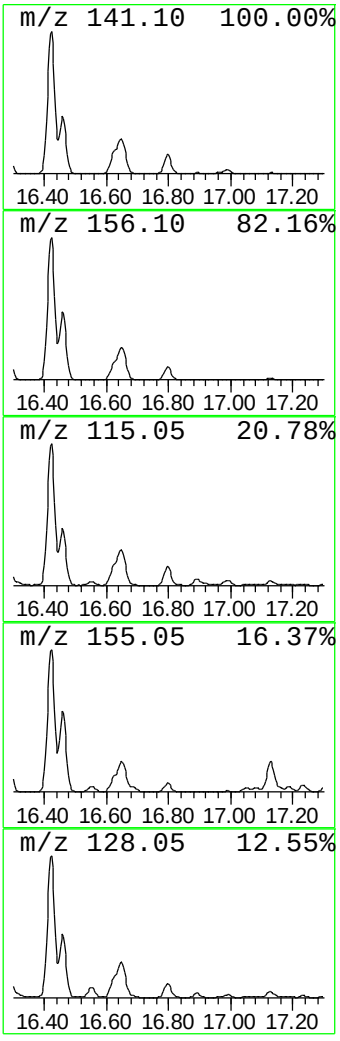
Peak Number 36 Naphthalene, 1,3-dimethyl- Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.80 | 22.16 ug/L | 404358 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 97 |
| 2 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 96 |
| 3 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 96 |
| 4 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 96 |
| 5 | Naphthalene, 1,4-dimethyl- | 156 | C12H12 | 000571-58-4 | 96 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036596.D
Acq On : 29 Jan 2020 16:34
Operator : JC/MD
Sample : L1271-05 20X
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASZ6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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

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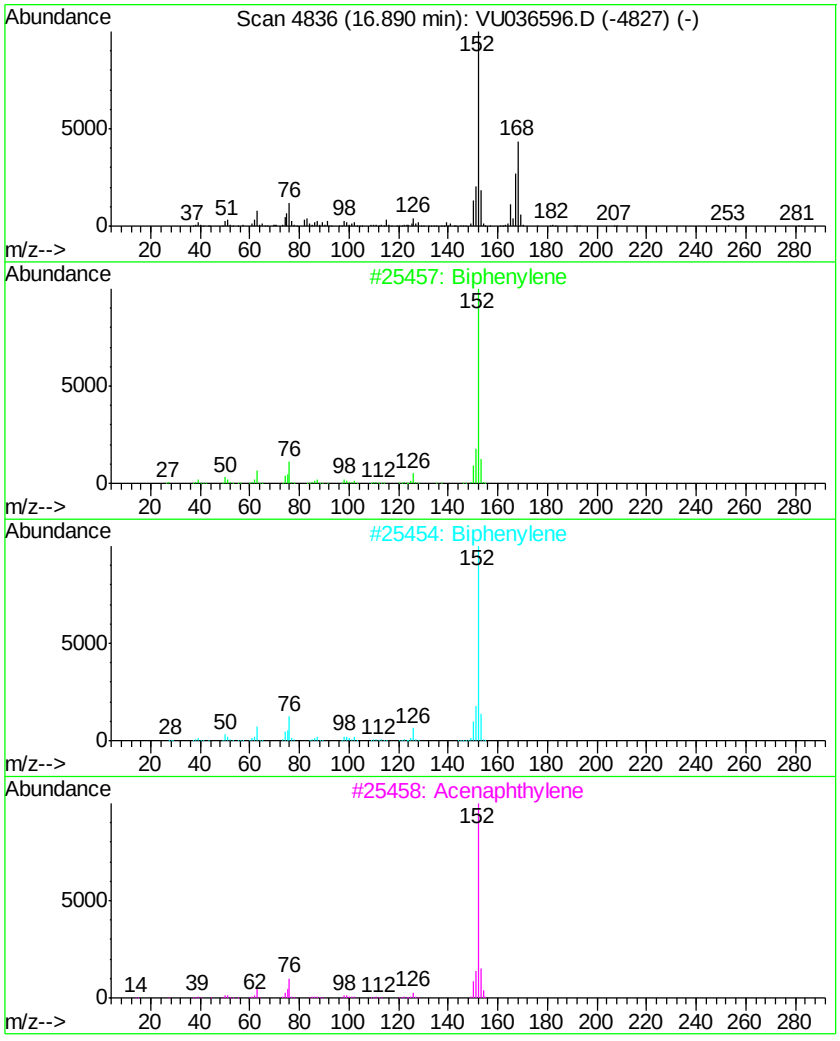
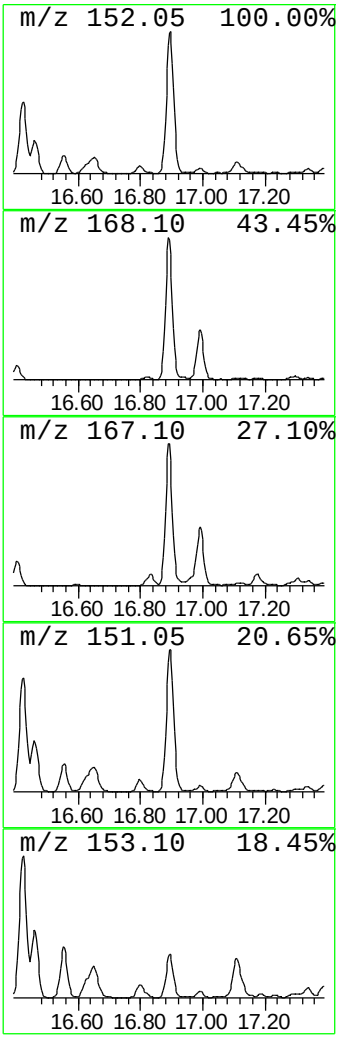
Peak Number 37 Biphenylene Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.89 | 40.59 ug/L | 740679 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Biphenylene | 152 | C12H8 | 000259-79-0 | 90 |
| 2 | Biphenylene | 152 | C12H8 | 000259-79-0 | 78 |
| 3 | Acenaphthylene | 152 | C12H8 | 000208-96-8 | 60 |
| 4 | (6Balpha,7beta,11alpha,11aalpha)... | 334 | C25H18O | 1000241-69-8 | 47 |
| 5 | 1-Aza-2-sila-5-boracyclopent-3-e... | 167 | C8H18BNSi | 125212-69-3 | 47 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036596.D
Acq On : 29 Jan 2020 16:34
Operator : JC/MD
Sample : L1271-05 20X
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASZ6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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

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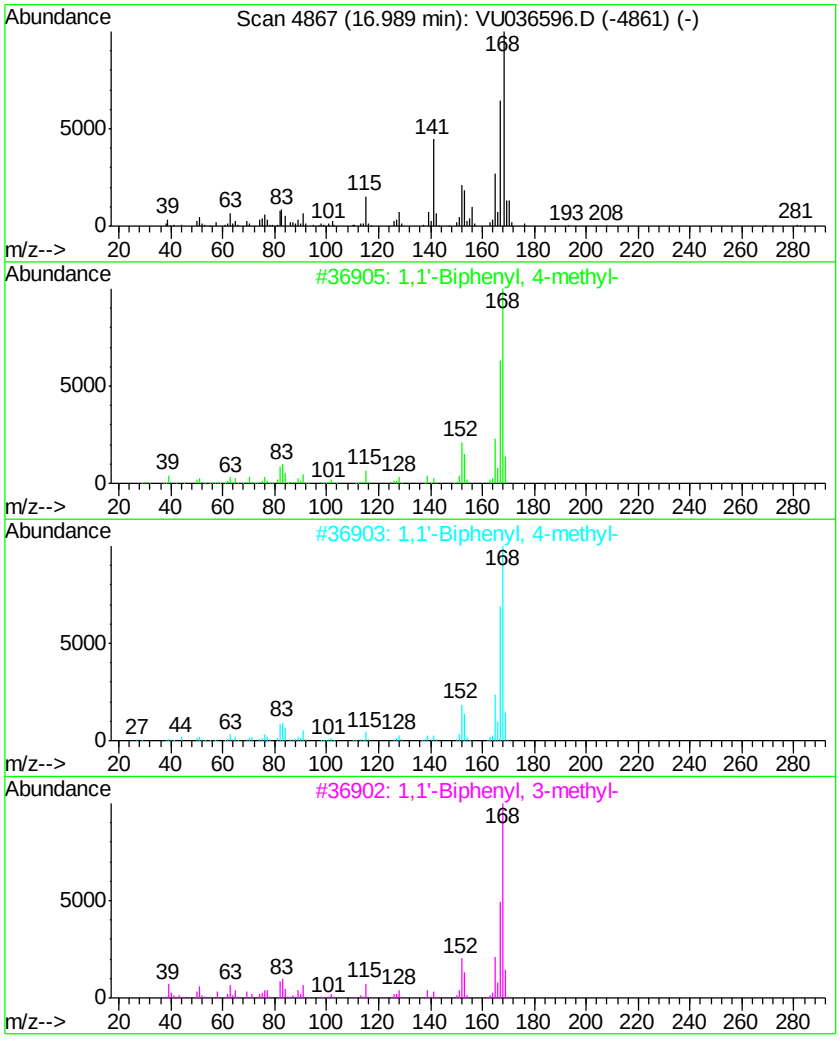
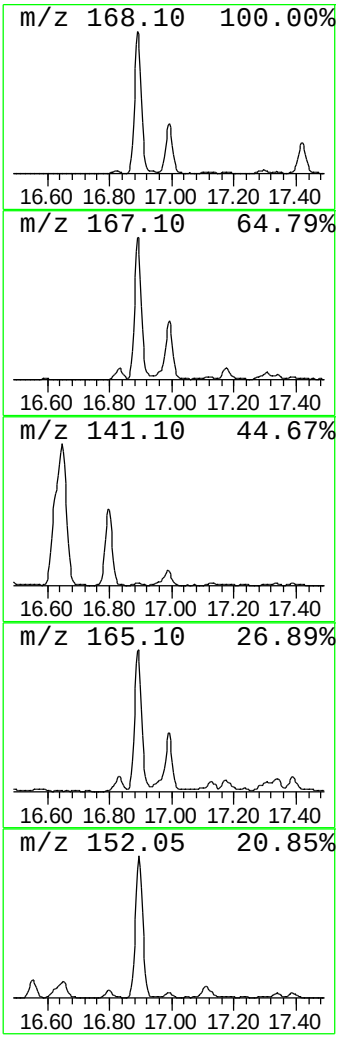
Peak Number 38 1,1'-Biphenyl, 4-methyl- Concentration Rank 32

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.99 | 8.41 ug/L | 153416 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,1'-Biphenyl, 4-methyl- | 168 | C13H12 | 000644-08-6 | 96 |
| 2 | 1,1'-Biphenyl, 4-methyl- | 168 | C13H12 | 000644-08-6 | 92 |
| 3 | 1,1'-Biphenyl, 3-methyl- | 168 | C13H12 | 000643-93-6 | 64 |
| 4 | 1,1'-Biphenyl, 3-methyl- | 168 | C13H12 | 000643-93-6 | 60 |
| 5 | 1,1'-Biphenyl, 4-methyl- | 168 | C13H12 | 000644-08-6 | 58 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036596.D
Acq On : 29 Jan 2020 16:34
Operator : JC/MD
Sample : L1271-05 20X
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASZ6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

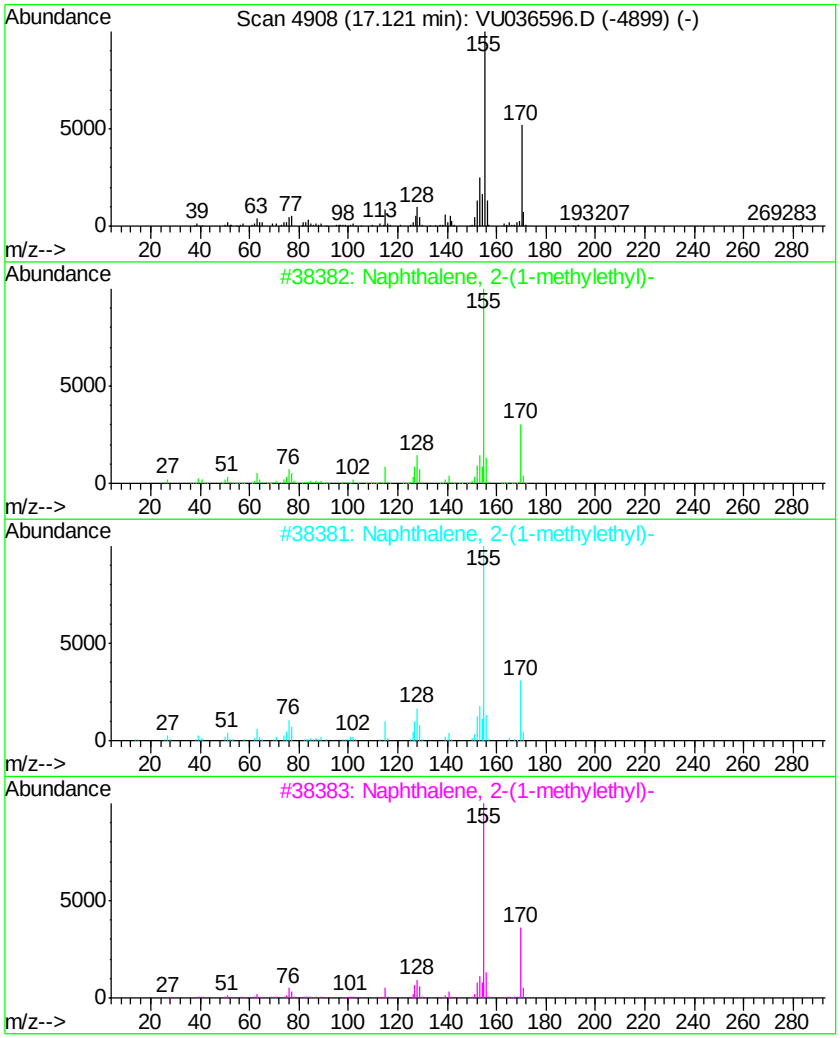
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

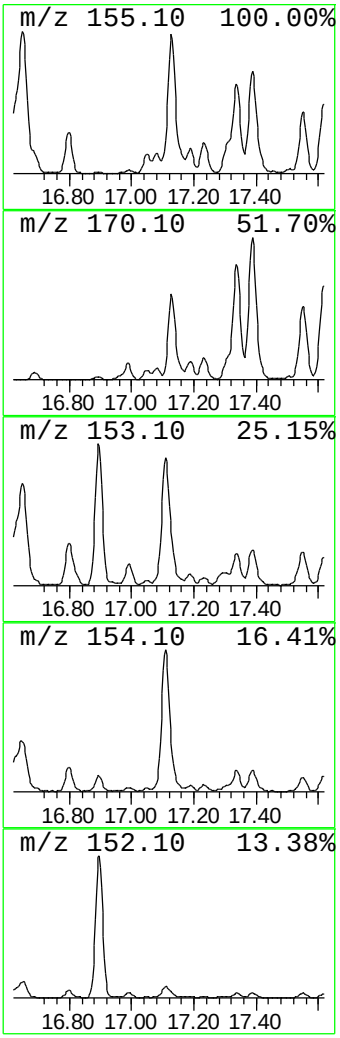
**********

Peak Number 39 Naphthalene, 2-(1-methyleth... Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.12 | 11.39 ug/L | 207797 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-(1-methylethyl)- | 170 | C13H14 | 002027-17-0 | 91 |
| 2 | Naphthalene, 2-(1-methylethyl)- | 170 | C13H14 | 002027-17-0 | 90 |
| 3 | Naphthalene, 2-(1-methylethyl)- | 170 | C13H14 | 002027-17-0 | 87 |
| 4 | Ethanone, 1-(5-chloro-2-hydroxyp... | 170 | C8H7ClO2 | 001450-74-4 | 80 |
| 5 | Naphthalene, 2-methyl-1-propyl- | 184 | C14H16 | 054774-89-9 | 64 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036596.D
Acq On : 29 Jan 2020 16:34
Operator : JC/MD
Sample : L1271-05 20X
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASZ6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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-... | 11.02 | 18.8 | ug/L | 343351 | 3 | 11.83 | 912351 | 50.0 |
| Mesitylene | 11.11 | 25.0 | ug/L | 455413 | 3 | 11.83 | 912351 | 50.0 |
| Benzene, 1-ethyl-... | 11.31 | 7.4 | ug/L | 134457 | 3 | 11.83 | 912351 | 50.0 |
| Benzene, 1,2,3-tr... | 11.49 | 83.7 | ug/L | 1526340 | 3 | 11.83 | 912351 | 50.0 |
| Benzene, 1-etheny... | 11.56 | 50.0 | ug/L | 912106 | 3 | 11.83 | 912351 | 50.0 |
| Benzene, 1-propenyl- | 11.97 | 5.0 | ug/L | 91210 | 3 | 11.83 | 912351 | 50.0 |
| Indane | 12.12 | 17.1 | ug/L | 311979 | 3 | 11.83 | 912351 | 50.0 |
| (DEL) Alkane: Str... | 12.34 | 10.1 | ug/L | 184940 | 3 | 11.83 | 912351 | 50.0 |
| o-Cymene | 12.48 | 7.1 | ug/L | 130078 | 3 | 11.83 | 912351 | 50.0 |
| Benzene, 1-methyl... | 12.56 | 4.5 | ug/L | 82741 | 3 | 11.83 | 912351 | 50.0 |
| Benzene, 1-etheny... | 12.64 | 11.8 | ug/L | 214626 | 3 | 11.83 | 912351 | 50.0 |
| Benzene, 2-etheny... | 12.76 | 35.5 | ug/L | 647322 | 3 | 11.83 | 912351 | 50.0 |
| Benzene, 1-methyl... | 12.83 | 6.2 | ug/L | 113049 | 3 | 11.83 | 912351 | 50.0 |
| Benzene, 2-ethyl-... | 12.89 | 2.7 | ug/L | 48808 | 3 | 11.83 | 912351 | 50.0 |
| Benzene, 1,2,3,5-... | 12.99 | 13.8 | ug/L | 251649 | 3 | 11.83 | 912351 | 50.0 |
| Benzene, 4-etheny... | 13.17 | 20.2 | ug/L | 368520 | 3 | 11.83 | 912351 | 50.0 |
| 1H-Indene, 2,3-di... | 13.31 | 9.5 | ug/L | 172981 | 3 | 11.83 | 912351 | 50.0 |
| Benzene, 1-ethyl-... | 13.47 | 56.0 | ug/L | 1022780 | 3 | 11.83 | 912351 | 50.0 |
| Cycloprop[a]inden... | 13.54 | 8.4 | ug/L | 152804 | 3 | 11.83 | 912351 | 50.0 |
| 1,4-Dihydronaphth... | 13.65 | 50.0 | ug/L | 912697 | 3 | 11.83 | 912351 | 50.0 |
| (DEL) Alkane: Str... | 14.46 | 10.2 | ug/L | 185927 | 3 | 11.83 | 912351 | 50.0 |
| 3-Methylbenzothio... | 15.19 | 7.1 | ug/L | 129097 | 3 | 11.83 | 912351 | 50.0 |
| Naphthalene, 1-me... | 15.24 | 1325.9 | ug/L | 24193600 | 3 | 11.83 | 912351 | 50.0 |
| Naphthalene, 2-et... | 16.16 | 47.7 | ug/L | 869731 | 3 | 11.83 | 912351 | 50.0 |
| Naphthalene, 2,6-... | 16.28 | 254.6 | ug/L | 4644770 | 3 | 11.83 | 912351 | 50.0 |
| Naphthalene, 2,3-... | 16.42 | 197.6 | ug/L | 3605980 | 3 | 11.83 | 912351 | 50.0 |
| Naphthalene, 2-et... | 16.55 | 14.7 | ug/L | 268927 | 3 | 11.83 | 912351 | 50.0 |
| Naphthalene, 1,3-... | 16.80 | 22.2 | ug/L | 404358 | 3 | 11.83 | 912351 | 50.0 |
| Biphenylene | 16.89 | 40.6 | ug/L | 740679 | 3 | 11.83 | 912351 | 50.0 |
| 1,1'-Biphenyl, 4-... | 16.99 | 8.4 | ug/L | 153416 | 3 | 11.83 | 912351 | 50.0 |
| Naphthalene, 2-(1... | 17.12 | 11.4 | ug/L | 207797 | 3 | 11.83 | 912351 | 50.0 |