LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061919\
Data File : VU032863.D
Acq On : 19 Jun 2019 17:17
Operator : JC/SP
Sample : K3413-18
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GALG6

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_U\METHOD\SOMUTR060419WMA.M
Title : TRACE VOA SOM01.0

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.302 | 59 | 66 | 80 | rVB | 53562 | 56022 | 1.62% | 0.210% |
| 2 | 1.399 | 85 | 96 | 105 | rBV | 662353 | 661918 | 19.20% | 2.476% |
| 3 | 1.675 | 173 | 182 | 193 | rBV3 | 73795 | 96456 | 2.80% | 0.361% |
| 4 | 1.756 | 196 | 207 | 228 | rVB | 2655995 | 3447638 | 100.00% | 12.895% |
| 5 | 1.900 | 242 | 252 | 257 | rBV | 57180 | 74632 | 2.16% | 0.279% |
| 6 | 1.945 | 257 | 266 | 287 | rVB2 | 786486 | 1202598 | 34.88% | 4.498% |
| 7 | 2.045 | 287 | 297 | 308 | rBV | 273565 | 370214 | 10.74% | 1.385% |
| 8 | 2.135 | 310 | 325 | 331 | rVV | 142691 | 212059 | 6.15% | 0.793% |
| 9 | 2.180 | 331 | 339 | 354 | rVV | 528670 | 778828 | 22.59% | 2.913% |
| 10 | 2.299 | 356 | 376 | 392 | rVB2 | 270048 | 641965 | 18.62% | 2.401% |
| 11 | 2.698 | 466 | 500 | 504 | rBV3 | 361302 | 949866 | 27.55% | 3.553% |
| 12 | 2.733 | 505 | 511 | 519 | rVV | 672844 | 1260005 | 36.55% | 4.713% |
| 13 | 2.781 | 519 | 526 | 553 | rVB | 625433 | 1238364 | 35.92% | 4.632% |
| 14 | 2.984 | 572 | 589 | 610 | rVB | 536681 | 1113043 | 32.28% | 4.163% |
| 15 | 3.177 | 635 | 649 | 667 | rVB2 | 48528 | 107855 | 3.13% | 0.403% |
| 16 | 3.286 | 669 | 683 | 704 | rVB | 123374 | 259572 | 7.53% | 0.971% |
| 17 | 3.408 | 707 | 721 | 731 | rBV3 | 32448 | 70868 | 2.06% | 0.265% |
| 18 | 3.482 | 732 | 744 | 751 | rVV2 | 35514 | 75424 | 2.19% | 0.282% |
| 19 | 3.540 | 752 | 762 | 778 | rVB | 87231 | 192514 | 5.58% | 0.720% |
| 20 | 3.640 | 778 | 793 | 805 | rBV2 | 70864 | 169943 | 4.93% | 0.636% |
| 21 | 3.717 | 805 | 817 | 831 | rVV3 | 73517 | 208475 | 6.05% | 0.780% |
| 22 | 3.791 | 832 | 840 | 852 | rVV2 | 35761 | 89400 | 2.59% | 0.334% |
| 23 | 3.875 | 854 | 866 | 881 | rVV2 | 79456 | 198263 | 5.75% | 0.742% |
| 24 | 3.977 | 882 | 898 | 911 | rVV2 | 71196 | 188461 | 5.47% | 0.705% |
| 25 | 4.077 | 911 | 929 | 949 | rVV | 782345 | 2063040 | 59.84% | 7.716% |
| 26 | 4.186 | 950 | 963 | 983 | rVB2 | 64431 | 166229 | 4.82% | 0.622% |
| 27 | 4.640 | 1091 | 1104 | 1117 | rBV | 62057 | 143560 | 4.16% | 0.537% |
| 28 | 4.720 | 1119 | 1129 | 1134 | rVV4 | 29023 | 66730 | 1.94% | 0.250% |
| 29 | 4.765 | 1135 | 1143 | 1160 | rVB3 | 61026 | 138914 | 4.03% | 0.520% |
| 30 | 4.984 | 1192 | 1211 | 1225 | rBV2 | 558040 | 1345068 | 39.01% | 5.031% |
| 31 | 5.067 | 1225 | 1237 | 1260 | rVB2 | 222936 | 588574 | 17.07% | 2.201% |
| 32 | 5.206 | 1264 | 1280 | 1302 | rBV5 | 107173 | 332257 | 9.64% | 1.243% |
| 33 | 5.331 | 1302 | 1319 | 1324 | rVV2 | 131370 | 327152 | 9.49% | 1.224% |
| 34 | 5.379 | 1325 | 1334 | 1350 | rVV | 466424 | 993503 | 28.82% | 3.716% |

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061919\
Data File : VU032863.D
Acq On : 19 Jun 2019 17:17
Operator : JC/SP
Sample : K3413-18
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GALG6

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_U\METHOD\SOMUTR060419WMA.M
Title : TRACE VOA SOM01.0

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 5.469 | 1351 | 1362 | 1368 | rVV3 | 114158 | 246426 | 7.15% | 0.922% |
| 36 | 5.524 | 1370 | 1379 | 1395 | rVV8 | 201645 | 596077 | 17.29% | 2.229% |
| 37 | 5.611 | 1395 | 1406 | 1423 | rVB | 117935 | 266441 | 7.73% | 0.997% |
| 38 | 5.775 | 1441 | 1457 | 1478 | rBV6 | 23844 | 69150 | 2.01% | 0.259% |
| 39 | 5.881 | 1478 | 1490 | 1499 | rVV | 119590 | 238724 | 6.92% | 0.893% |
| 40 | 5.939 | 1500 | 1508 | 1531 | rVB5 | 44206 | 135934 | 3.94% | 0.508% |
| 41 | 6.215 | 1581 | 1594 | 1606 | rBV4 | 19042 | 41335 | 1.20% | 0.155% |
| 42 | 6.325 | 1615 | 1628 | 1637 | rBV | 84623 | 165956 | 4.81% | 0.621% |
| 43 | 6.405 | 1637 | 1653 | 1668 | rVB2 | 287480 | 693755 | 20.12% | 2.595% |
| 44 | 6.527 | 1680 | 1691 | 1700 | rBV3 | 20279 | 37968 | 1.10% | 0.142% |
| 45 | 6.633 | 1713 | 1724 | 1737 | rVB2 | 44667 | 86620 | 2.51% | 0.324% |
| 46 | 6.727 | 1738 | 1753 | 1766 | rVB5 | 17013 | 37470 | 1.09% | 0.140% |
| 47 | 6.836 | 1766 | 1787 | 1797 | rBV6 | 28015 | 89991 | 2.61% | 0.337% |
| 48 | 6.913 | 1797 | 1811 | 1829 | rVB4 | 59060 | 142049 | 4.12% | 0.531% |
| 49 | 7.042 | 1829 | 1851 | 1863 | rBV3 | 64917 | 162599 | 4.72% | 0.608% |
| 50 | 7.222 | 1896 | 1907 | 1924 | rBV | 50503 | 107910 | 3.13% | 0.404% |
| 51 | 7.424 | 1960 | 1970 | 1989 | rVB6 | 32703 | 74606 | 2.16% | 0.279% |
| 52 | 7.521 | 1989 | 2000 | 2003 | rBV4 | 35819 | 53146 | 1.54% | 0.199% |
| 53 | 7.559 | 2003 | 2012 | 2024 | rVV | 180015 | 314547 | 9.12% | 1.176% |
| 54 | 7.630 | 2024 | 2034 | 2046 | rVB | 100414 | 173720 | 5.04% | 0.650% |
| 55 | 7.704 | 2046 | 2057 | 2071 | rBV7 | 16257 | 51974 | 1.51% | 0.194% |
| 56 | 7.846 | 2091 | 2101 | 2112 | rBV2 | 30420 | 51936 | 1.51% | 0.194% |
| 57 | 7.910 | 2112 | 2121 | 2141 | rVB3 | 24009 | 48965 | 1.42% | 0.183% |
| 58 | 8.038 | 2141 | 2161 | 2171 | rBV4 | 22384 | 48442 | 1.41% | 0.181% |
| 59 | 8.309 | 2234 | 2245 | 2257 | rBV | 259575 | 455502 | 13.21% | 1.704% |
| 60 | 8.370 | 2258 | 2264 | 2276 | rVB | 41277 | 77649 | 2.25% | 0.290% |
| 61 | 8.463 | 2284 | 2293 | 2309 | rVB3 | 46585 | 92136 | 2.67% | 0.345% |
| 62 | 9.083 | 2475 | 2486 | 2507 | rBV | 179608 | 304170 | 8.82% | 1.138% |
| 63 | 9.244 | 2526 | 2536 | 2551 | rBV | 53452 | 92240 | 2.68% | 0.345% |
| 64 | 9.328 | 2551 | 2562 | 2565 | rVV3 | 21671 | 35650 | 1.03% | 0.133% |
| 65 | 9.370 | 2566 | 2575 | 2592 | rVB | 259084 | 427939 | 12.41% | 1.601% |
| 66 | 9.775 | 2689 | 2701 | 2712 | rBV | 42894 | 68414 | 1.98% | 0.256% |
| 67 | 10.025 | 2769 | 2779 | 2800 | rBV3 | 43102 | 81827 | 2.37% | 0.306% |
| 68 | 10.427 | 2893 | 2904 | 2917 | rBV | 73190 | 115813 | 3.36% | 0.433% |
| 69 | 10.675 | 2970 | 2981 | 2985 | rBV3 | 42023 | 64508 | 1.87% | 0.241% |
| 70 | 10.765 | 2999 | 3009 | 3024 | rVB | 111691 | 173565 | 5.03% | 0.649% |
| 71 | 10.964 | 3061 | 3071 | 3087 | rVB | 76886 | 122811 | 3.56% | 0.459% |

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061919\
Data File : VU032863.D
Acq On : 19 Jun 2019 17:17
Operator : JC/SP
Sample : K3413-18
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GALG6

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_U\METHOD\SOMUTR060419WMA.M
Title : TRACE VOA SOM01.0

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 11.141 | 3116 | 3126 | 3142 | rBV | 73284 | 113325 | 3.29% | 0.424% |
| 73 | 11.479 | 3220 | 3231 | 3248 | rBV | 198538 | 318512 | 9.24% | 1.191% |
| 74 | 11.566 | 3248 | 3258 | 3270 | rVB | 35440 | 55027 | 1.60% | 0.206% |
| 75 | 11.855 | 3338 | 3348 | 3368 | rVB2 | 207569 | 372576 | 10.81% | 1.393% |

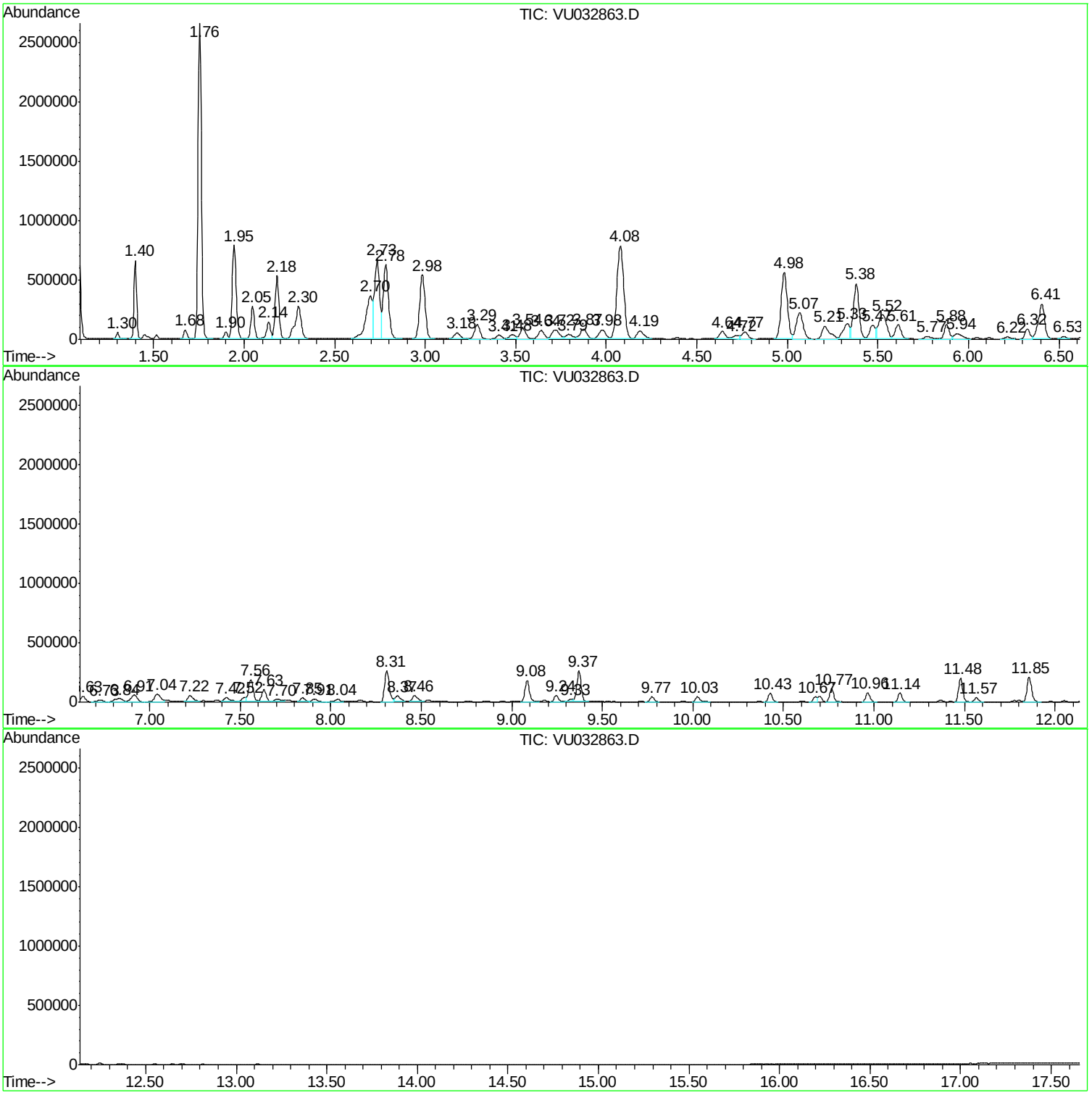
Sum of corrected areas: 26736815

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061919\
Data File : VU032863.D
Acq On : 19 Jun 2019 17:17
Operator : JC/SP
Sample : K3413-18
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GALG6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.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 U\DATA\VU061919\
Data File : VU032863.D
Acq On : 19 Jun 2019 17:17
Operator : JC/SP
Sample : K3413-18
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GALG6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

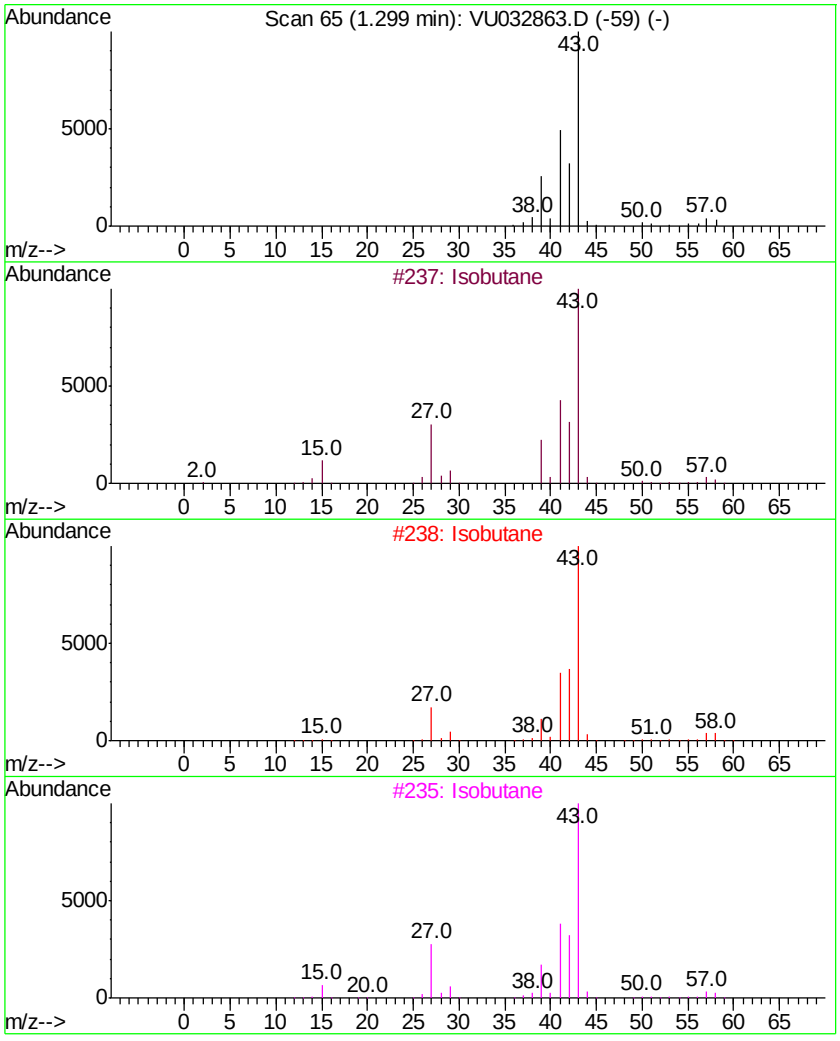
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

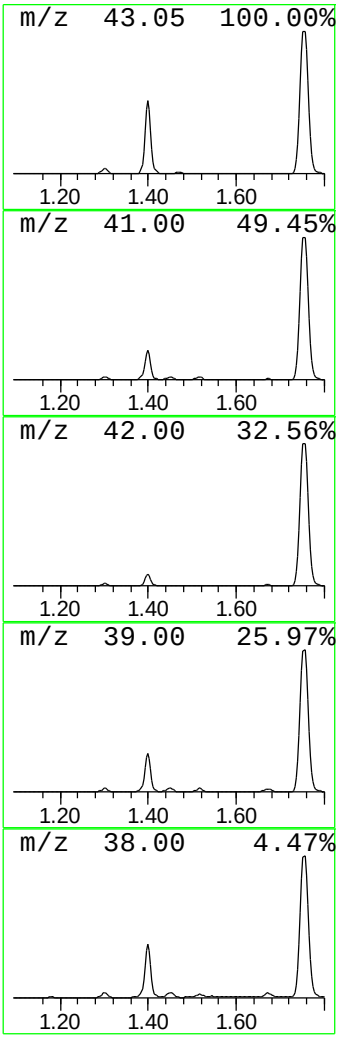
**********

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 42

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 1.30 | 1.17 ug/L | 56022 | 1,4-Difluorobenzene | 5.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Isobutane | 58 | C4H10 | 000075-28-5 | 64 |
| 2 | Isobutane | 58 | C4H10 | 000075-28-5 | 42 |
| 3 | Isobutane | 58 | C4H10 | 000075-28-5 | 42 |
| 4 | Isobutane | 58 | C4H10 | 000075-28-5 | 9 |
| 5 | Propane, 2-nitro- | 89 | C3H7NO2 | 000079-46-9 | 4 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061919\
Data File : VU032863.D
Acq On : 19 Jun 2019 17:17
Operator : JC/SP
Sample : K3413-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GALG6

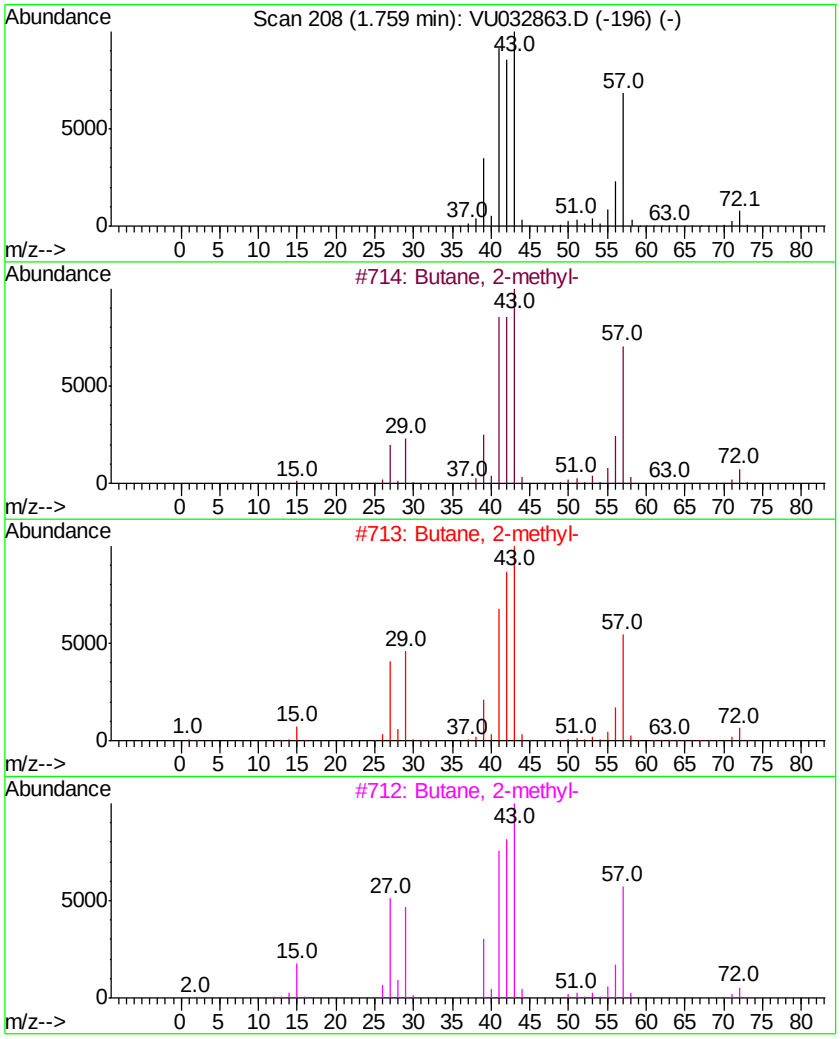
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

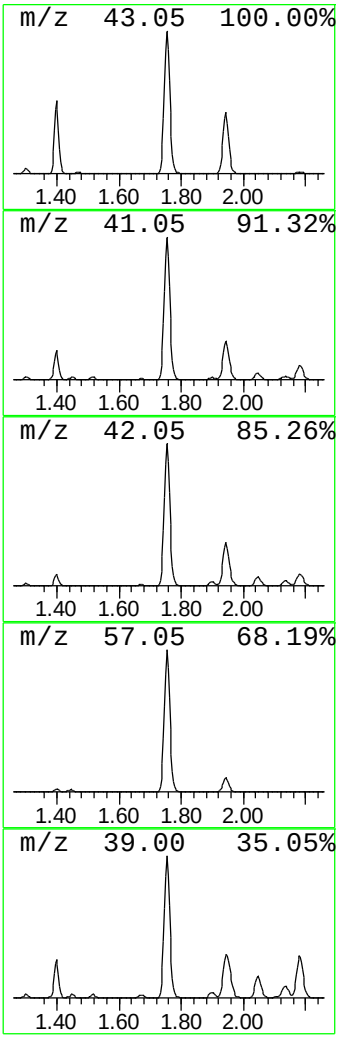
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 1.76 | 72.21 ug/L | 3447640 | 1,4-Difluorobenzene | 5.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methyl- | 72 | C5H12 | 000078-78-4 | 91 |
| 2 | Butane, 2-methyl- | 72 | C5H12 | 000078-78-4 | 91 |
| 3 | Butane, 2-methyl- | 72 | C5H12 | 000078-78-4 | 86 |
| 4 | 3-Buten-1-ol | 72 | C4H8O | 000627-27-0 | 47 |
| 5 | Pentane | 72 | C5H12 | 000109-66-0 | 36 |



# Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061919\
Data File : VU032863.D
Acq On : 19 Jun 2019 17:17
Operator : JC/SP
Sample : K3413-18
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GALG6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

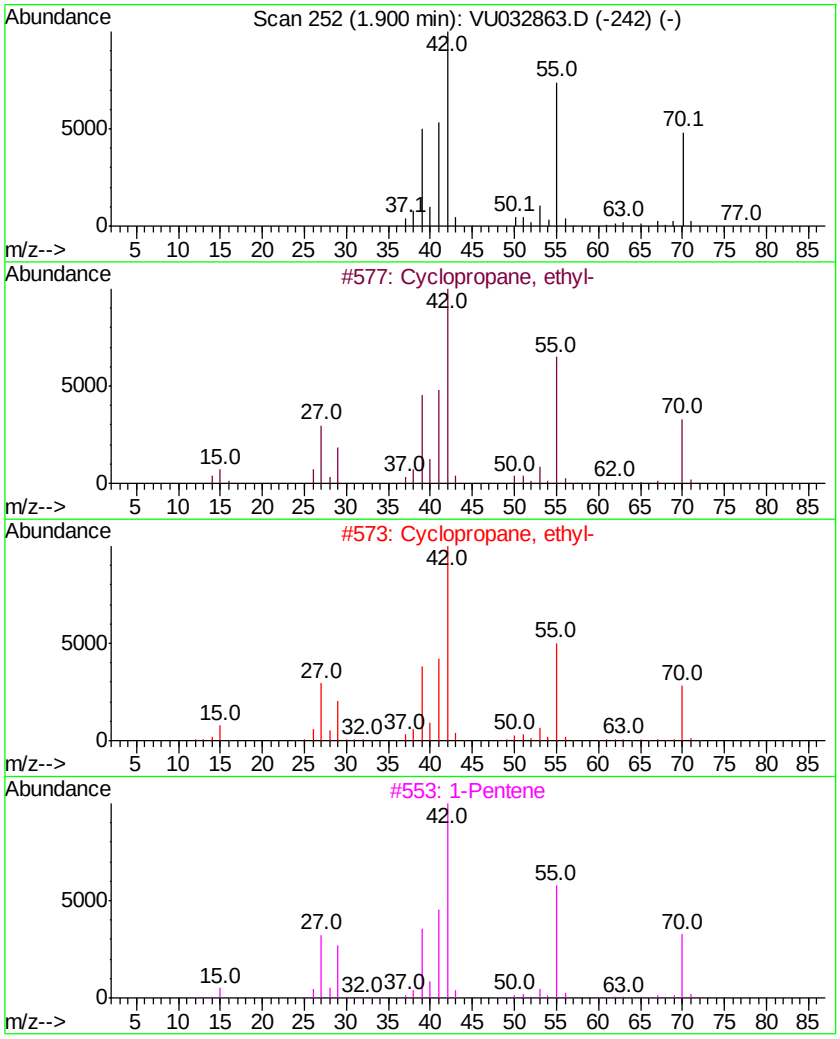
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

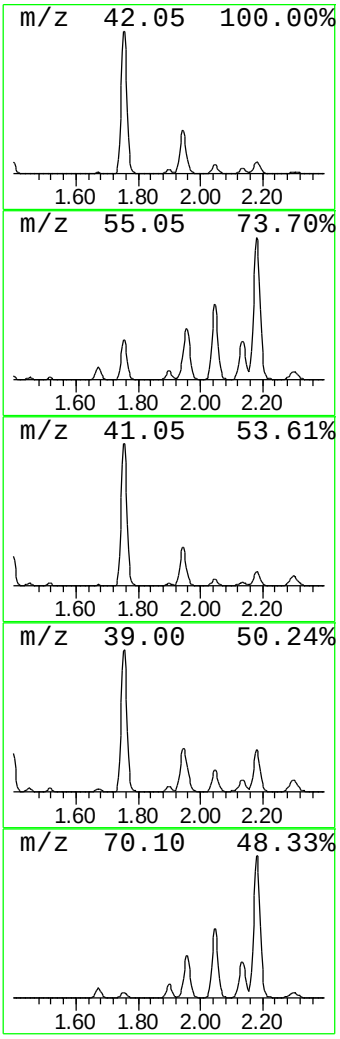
**********

Peak Number 3 (DEL) Alkane: Cyclic1.90 Concentration Rank 35

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 1.90 | 1.56 ug/L | 74632 | 1,4-Difluorobenzene | 5.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopropane, ethyl- | 70 | C5H10 | 001191-96-4 | 91 |
| 2 | Cyclopropane, ethyl- | 70 | C5H10 | 001191-96-4 | 68 |
| 3 | 1-Pentene | 70 | C5H10 | 000109-67-1 | 64 |
| 4 | 1-Pentene | 70 | C5H10 | 000109-67-1 | 64 |
| 5 | Cyclobutane, methyl- | 70 | C5H10 | 000598-61-8 | 52 |



# Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061919\
Data File : VU032863.D
Acq On : 19 Jun 2019 17:17
Operator : JC/SP
Sample : K3413-18
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GALG6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

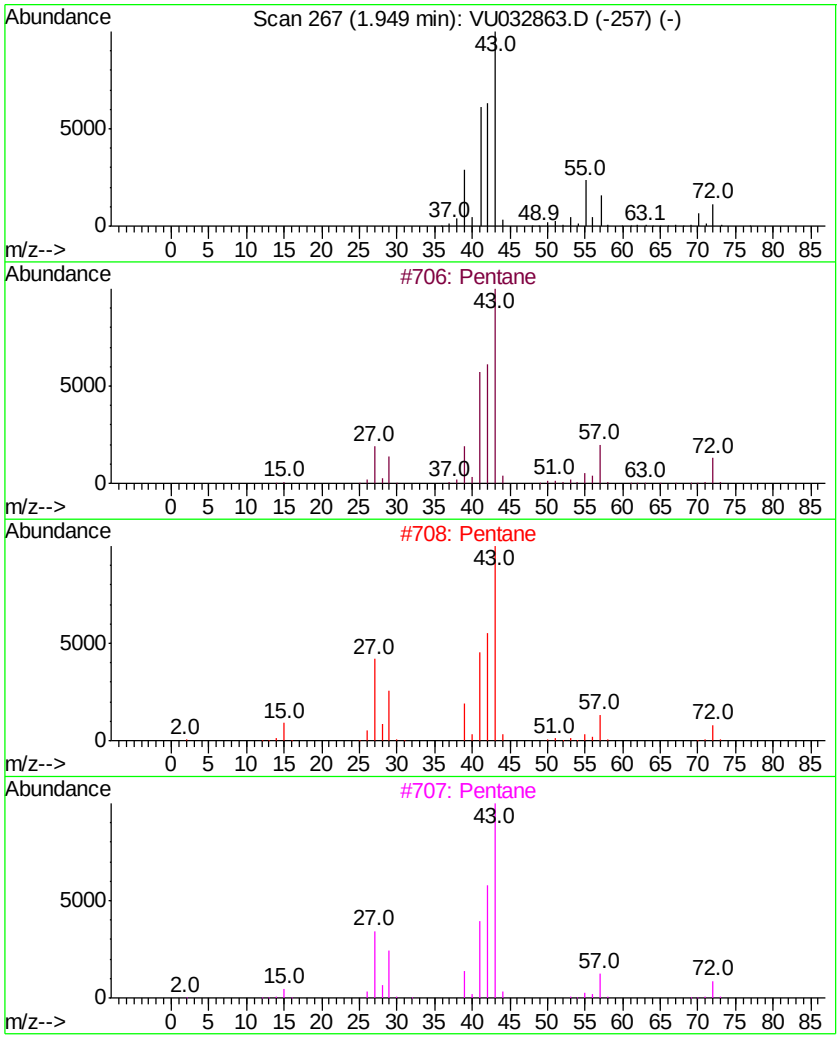
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

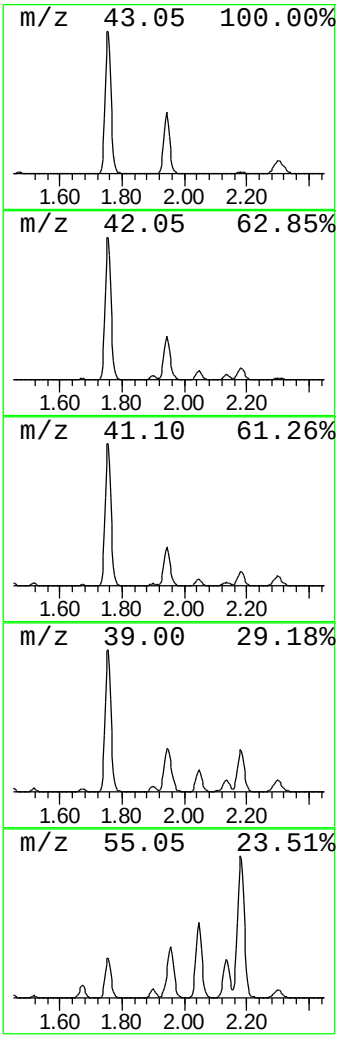
**********

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 1.95 | 25.19 ug/L | 1202600 | 1,4-Difluorobenzene | 5.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentane | 72 | C5H12 | 000109-66-0 | 87 |
| 2 | Pentane | 72 | C5H12 | 000109-66-0 | 80 |
| 3 | Pentane | 72 | C5H12 | 000109-66-0 | 72 |
| 4 | Pentane | 72 | C5H12 | 000109-66-0 | 59 |
| 5 | Oxirane, ethyl- | 72 | C4H8O | 000106-88-7 | 43 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061919\
Data File : VU032863.D
Acq On : 19 Jun 2019 17:17
Operator : JC/SP
Sample : K3413-18
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GALG6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

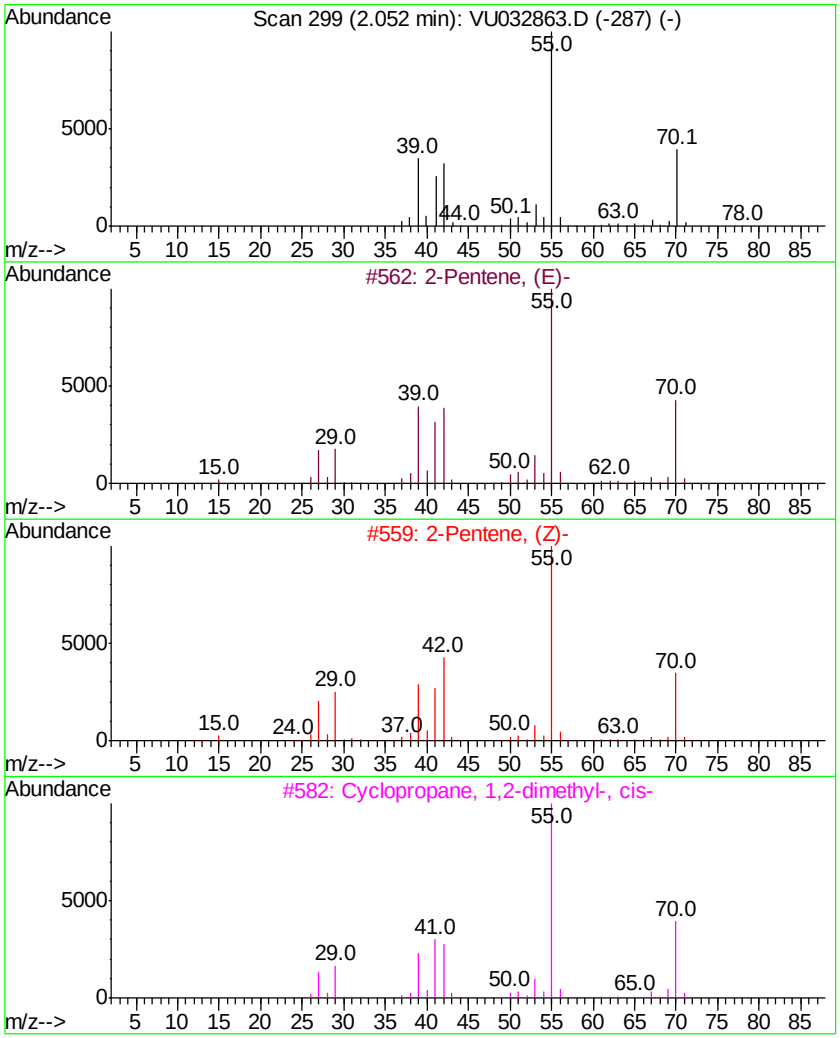
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

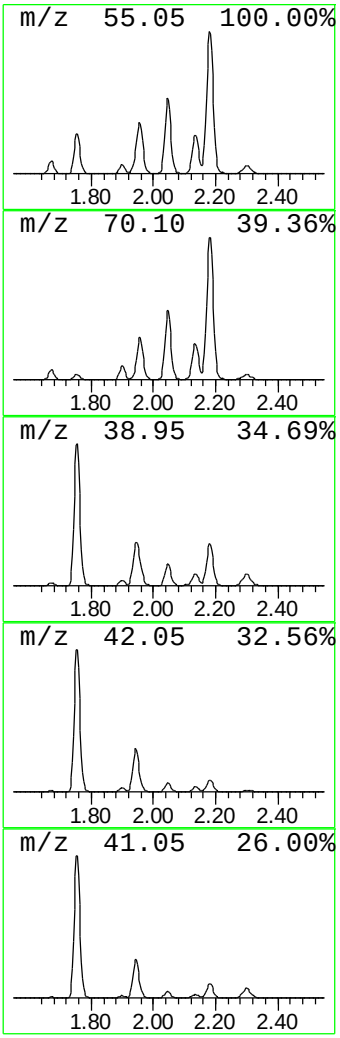
**********

Peak Number 5 (DEL) Alkane: Cyclic2.05 Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.05 | 7.75 ug/L | 370214 | 1,4-Difluorobenzene | 5.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentene, (E)- | 70 | C5H10 | 000646-04-8 | 93 |
| 2 | 2-Pentene, (Z)- | 70 | C5H10 | 000627-20-3 | 90 |
| 3 | Cyclopropane, 1,2-dimethyl-, cis- | 70 | C5H10 | 000930-18-7 | 90 |
| 4 | 2-Methyl-1-butene | 70 | C5H10 | 000563-46-2 | 87 |
| 5 | 2-Butene, 2-methyl- | 70 | C5H10 | 000513-35-9 | 87 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061919\
Data File : VU032863.D
Acq On : 19 Jun 2019 17:17
Operator : JC/SP
Sample : K3413-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GALG6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

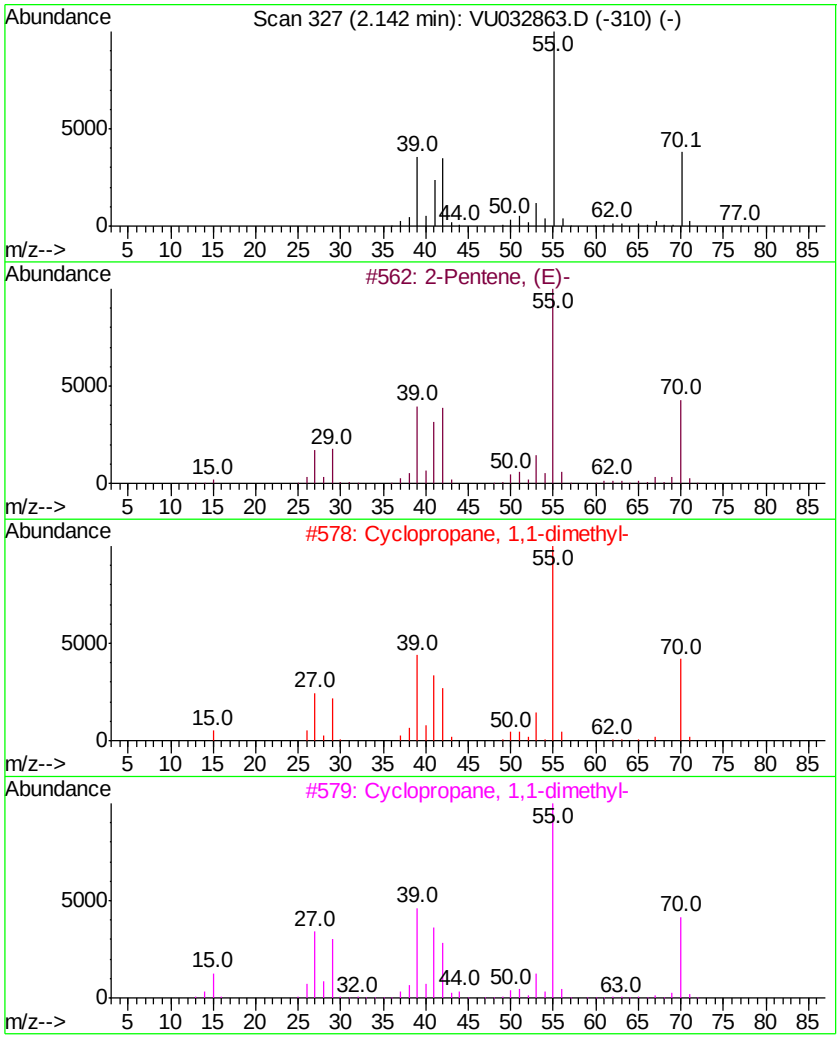
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

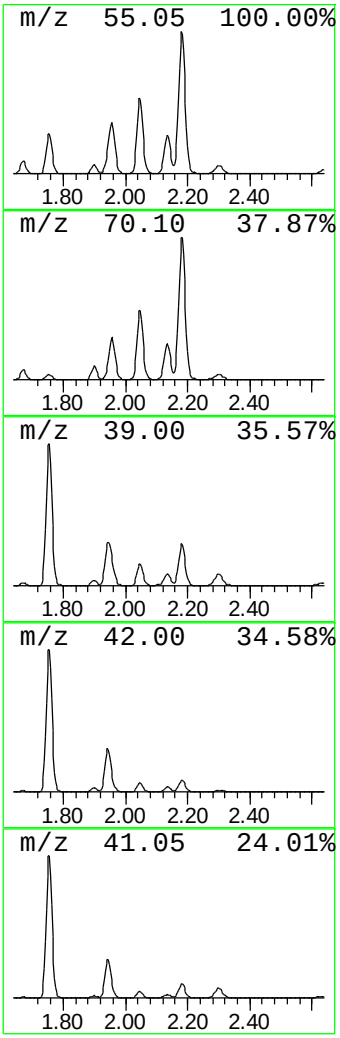
**********

Peak Number 6 (DEL) Alkane: Cyclic2.14 Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.14 | 4.44 ug/L | 212059 | 1,4-Difluorobenzene | 5.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentene, (E)- | 70 | C5H10 | 000646-04-8 | 90 |
| 2 | Cyclopropane, 1,1-dimethyl- | 70 | C5H10 | 001630-94-0 | 87 |
| 3 | Cyclopropane, 1,1-dimethyl- | 70 | C5H10 | 001630-94-0 | 87 |
| 4 | Cyclopropane, 1,2-dimethyl-, cis- | 70 | C5H10 | 000930-18-7 | 87 |
| 5 | 2-Methyl-1-butene | 70 | C5H10 | 000563-46-2 | 87 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061919\
Data File : VU032863.D
Acq On : 19 Jun 2019 17:17
Operator : JC/SP
Sample : K3413-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GALG6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

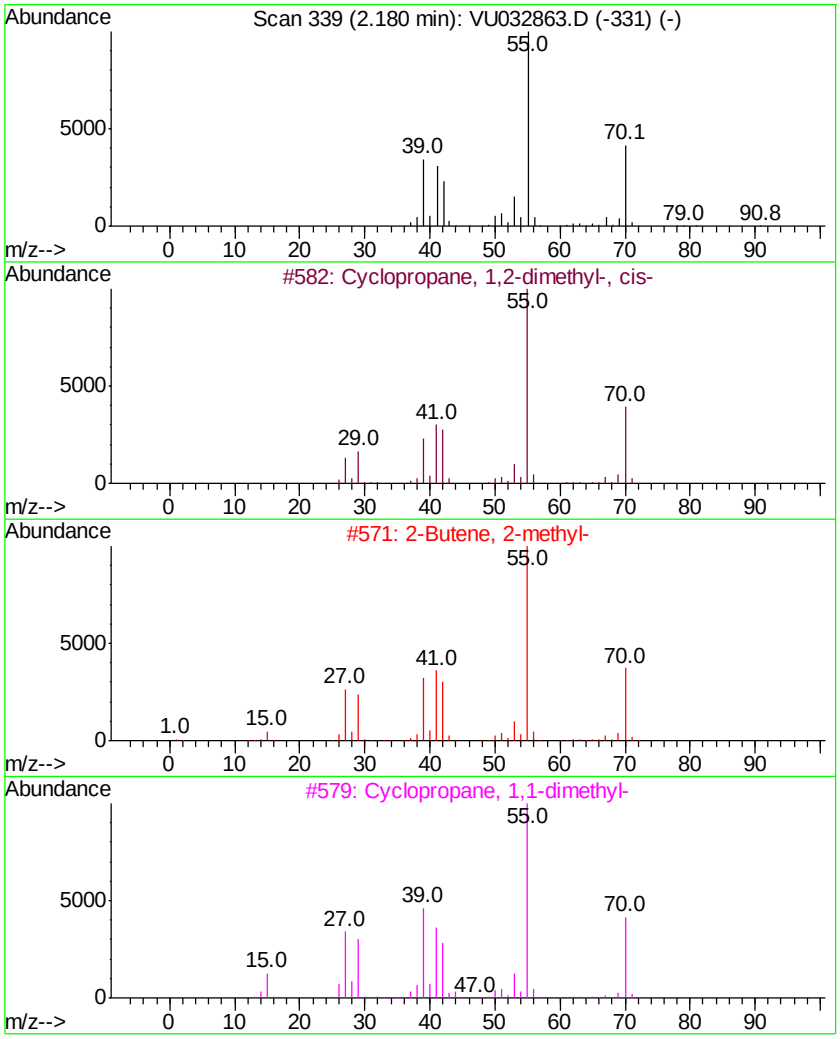
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

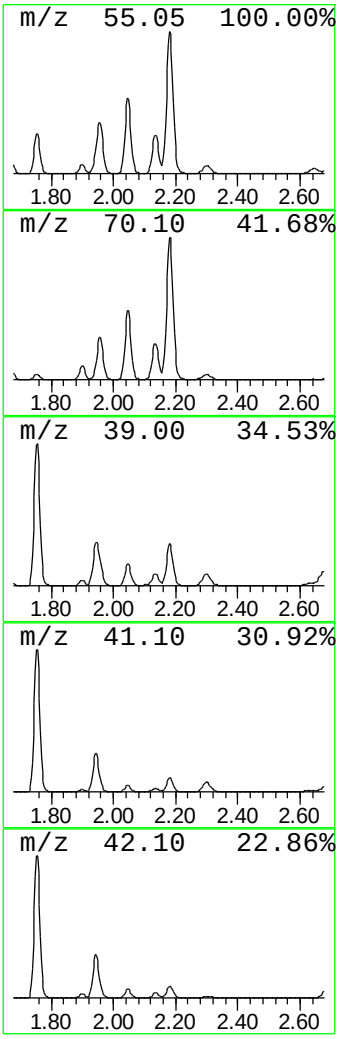
**********

Peak Number 7 (DEL) Alkane: Cyclic2.18 Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.18 | 16.31 ug/L | 778828 | 1,4-Difluorobenzene | 5.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopropane, 1,2-dimethyl-, cis- | 70 | C5H10 | 000930-18-7 | 91 |
| 2 | 2-Butene, 2-methyl- | 70 | C5H10 | 000513-35-9 | 91 |
| 3 | Cyclopropane, 1,1-dimethyl- | 70 | C5H10 | 001630-94-0 | 87 |
| 4 | Cyclopropane, 1,2-dimethyl-, trans- | 70 | C5H10 | 002402-06-4 | 86 |
| 5 | 2-Butene, 2-methyl- | 70 | C5H10 | 000513-35-9 | 86 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061919\
Data File : VU032863.D
Acq On : 19 Jun 2019 17:17
Operator : JC/SP
Sample : K3413-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GALG6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

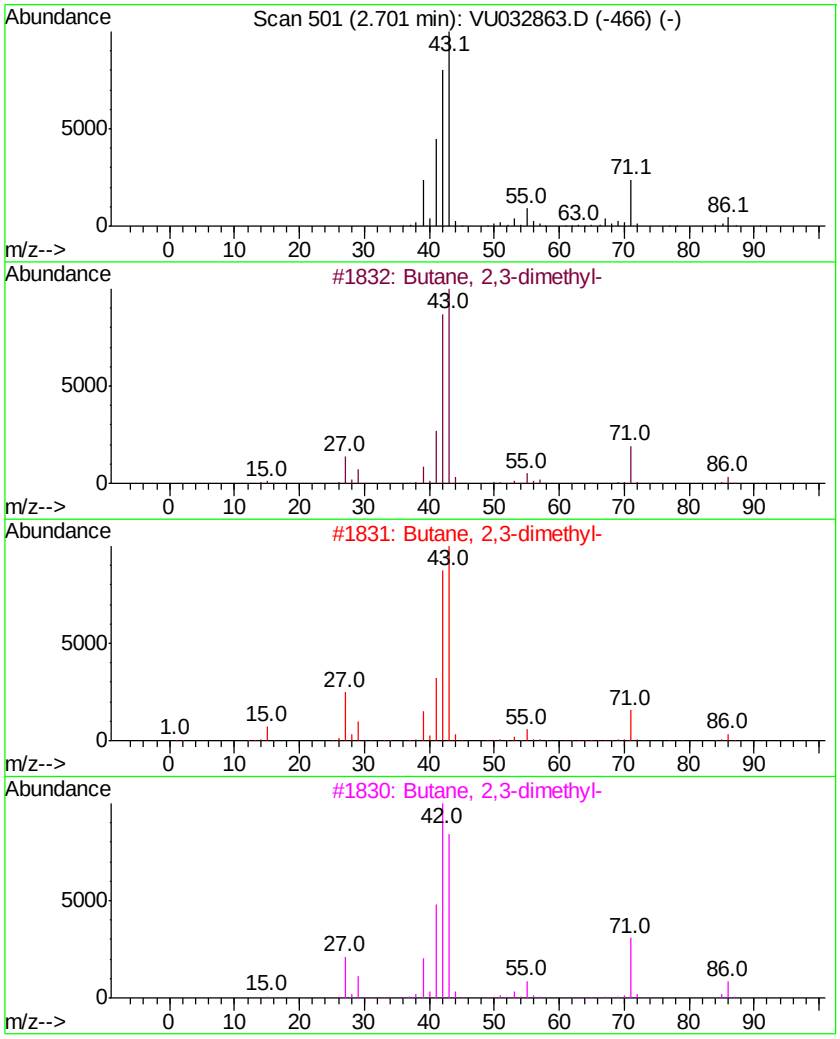
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

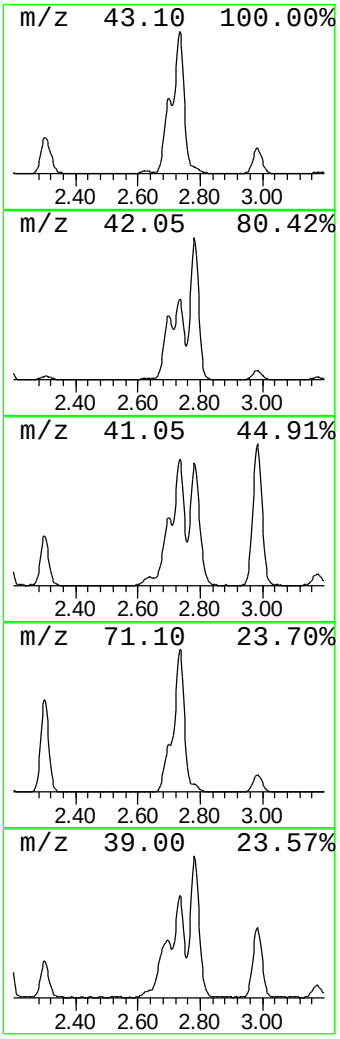
**********

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.70 | 19.89 ug/L | 949866 | 1,4-Difluorobenzene | 5.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2,3-dimethyl- | 86 | C6H14 | 000079-29-8 | 86 |
| 2 | Butane, 2,3-dimethyl- | 86 | C6H14 | 000079-29-8 | 78 |
| 3 | Butane, 2,3-dimethyl- | 86 | C6H14 | 000079-29-8 | 78 |
| 4 | Butane, 2,3-dimethyl- | 86 | C6H14 | 000079-29-8 | 49 |
| 5 | Pentane, 2-methyl- | 86 | C6H14 | 000107-83-5 | 38 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061919\
Data File : VU032863.D
Acq On : 19 Jun 2019 17:17
Operator : JC/SP
Sample : K3413-18
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GALG6

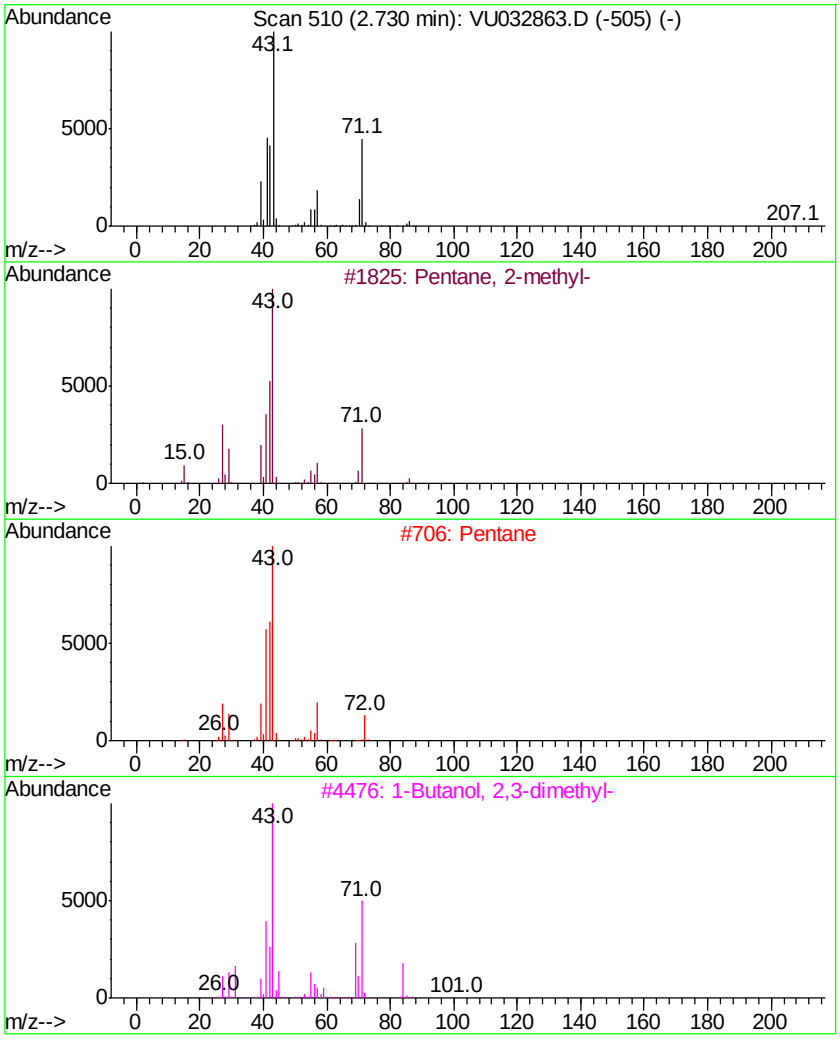
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

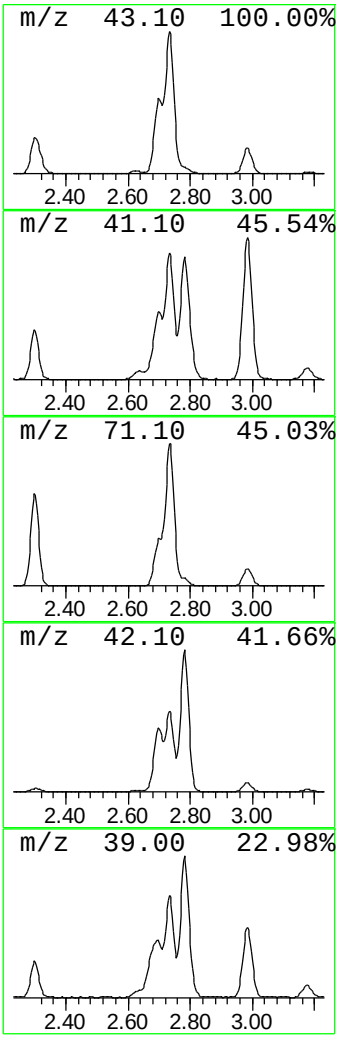
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.73 | 26.39 ug/L | 1260010 | 1,4-Difluorobenzene | 5.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentane, 2-methyl- | 86 | C6H14 | 000107-83-5 | 59 |
| 2 | Pentane | 72 | C5H12 | 000109-66-0 | 43 |
| 3 | 1-Butanol, 2,3-dimethyl- | 102 | C6H14O | 019550-30-2 | 42 |
| 4 | Hexane, 2,3-dimethyl- | 114 | C8H18 | 000584-94-1 | 38 |
| 5 | Pentane, 3-ethyl-2-methyl- | 114 | C8H18 | 000609-26-7 | 33 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061919\
Data File : VU032863.D
Acq On : 19 Jun 2019 17:17
Operator : JC/SP
Sample : K3413-18
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GALG6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

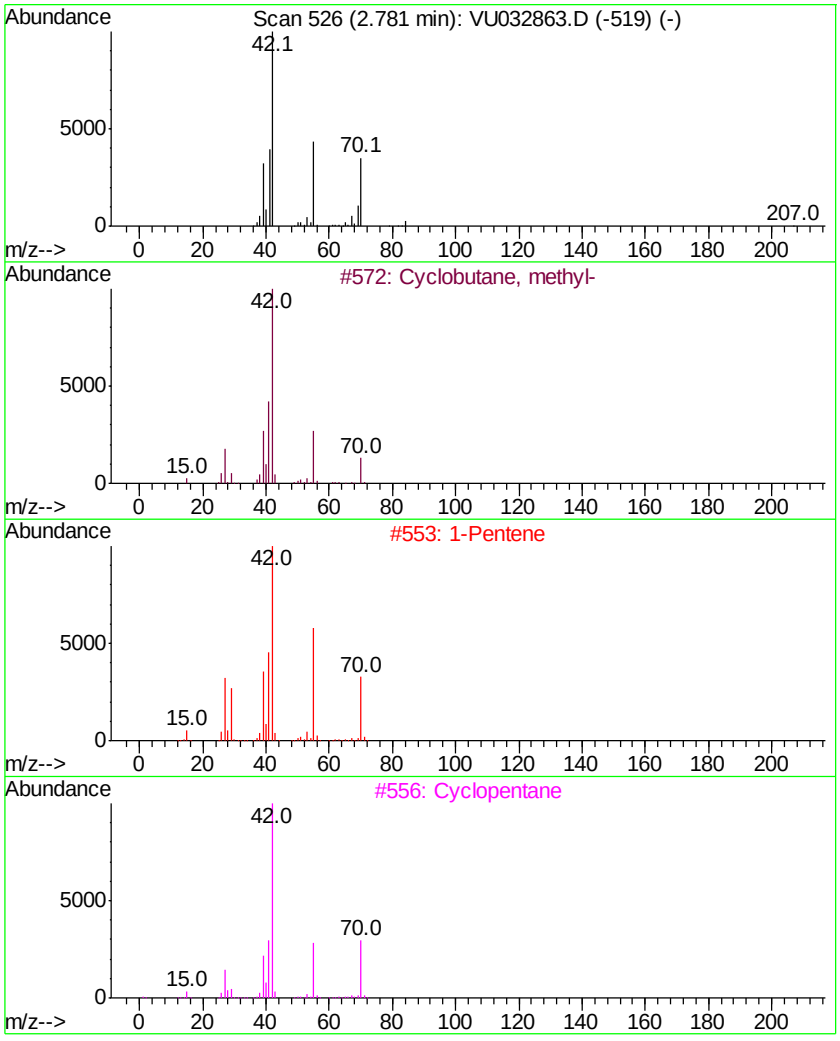
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

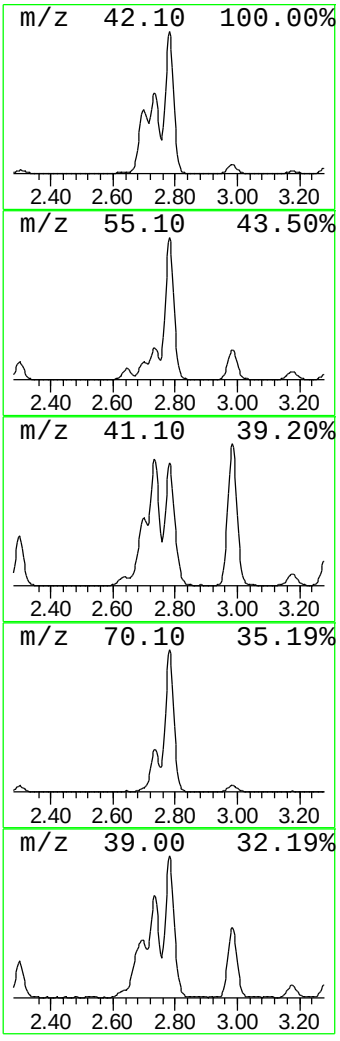
**********

Peak Number 10 (DEL) Alkane: Cyclic2.78 Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.78 | 25.94 ug/L | 1238360 | 1,4-Difluorobenzene | 5.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclobutane, methyl- | 70 | C5H10 | 000598-61-8 | 80 |
| 2 | 1-Pentene | 70 | C5H10 | 000109-67-1 | 80 |
| 3 | Cyclopentane | 70 | C5H10 | 000287-92-3 | 72 |
| 4 | Cyclopropane, ethyl- | 70 | C5H10 | 001191-96-4 | 56 |
| 5 | 1-Pentene | 70 | C5H10 | 000109-67-1 | 45 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061919\
Data File : VU032863.D
Acq On : 19 Jun 2019 17:17
Operator : JC/SP
Sample : K3413-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GALG6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

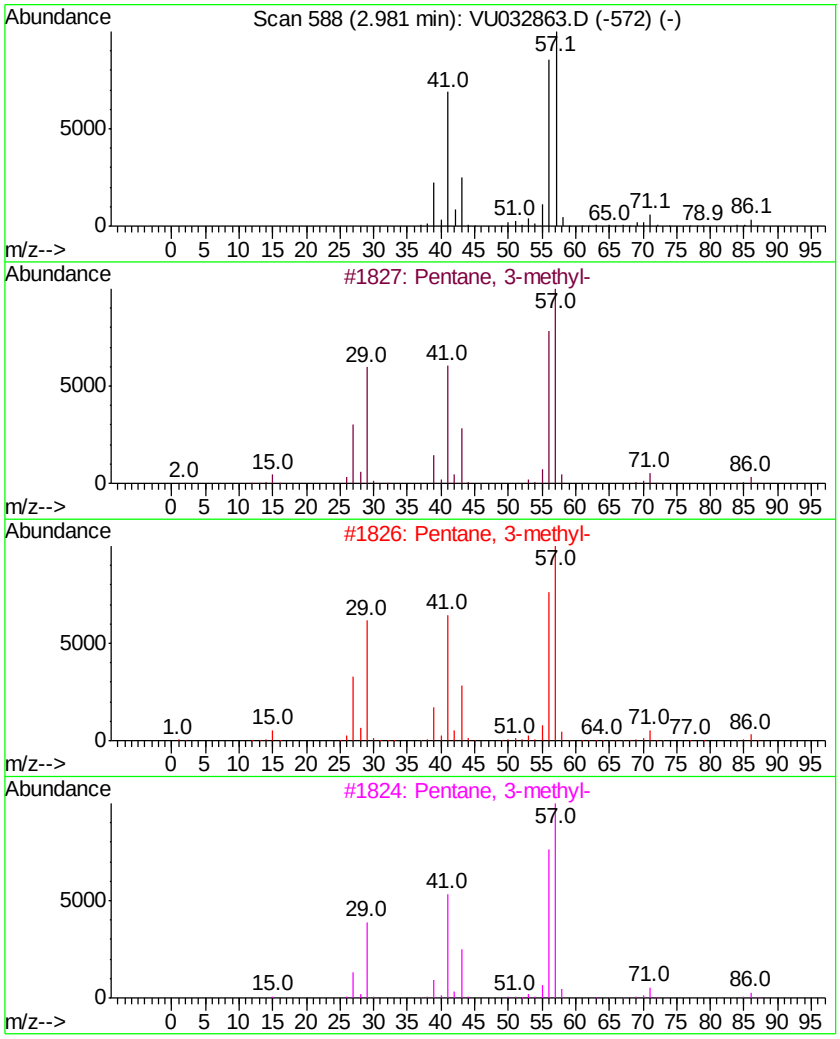
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

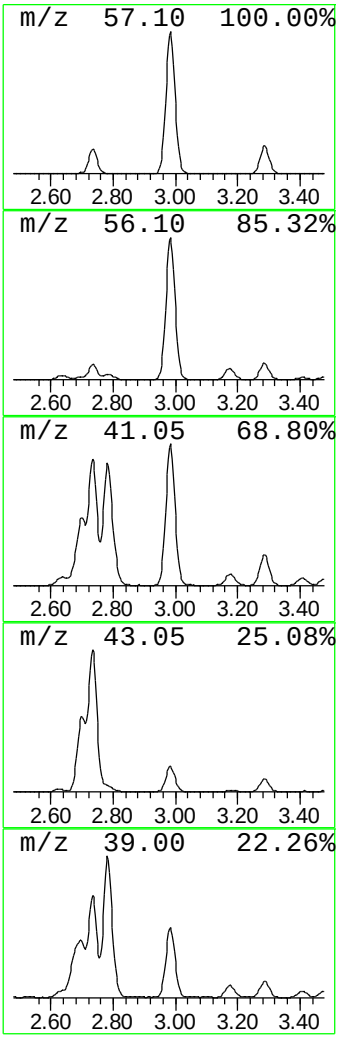
**********

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.98 | 23.31 ug/L | 1113040 | 1,4-Difluorobenzene | 5.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentane, 3-methyl- | 86 | C6H14 | 000096-14-0 | 90 |
| 2 | Pentane, 3-methyl- | 86 | C6H14 | 000096-14-0 | 90 |
| 3 | Pentane, 3-methyl- | 86 | C6H14 | 000096-14-0 | 90 |
| 4 | Hexane, 2,2,3-trimethyl- | 128 | C9H20 | 016747-25-4 | 78 |
| 5 | 3,4-Dimethyldihydrofuran-2,5-dione | 128 | C6H8O3 | 007475-92-5 | 53 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061919\
Data File : VU032863.D
Acq On : 19 Jun 2019 17:17
Operator : JC/SP
Sample : K3413-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GALG6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

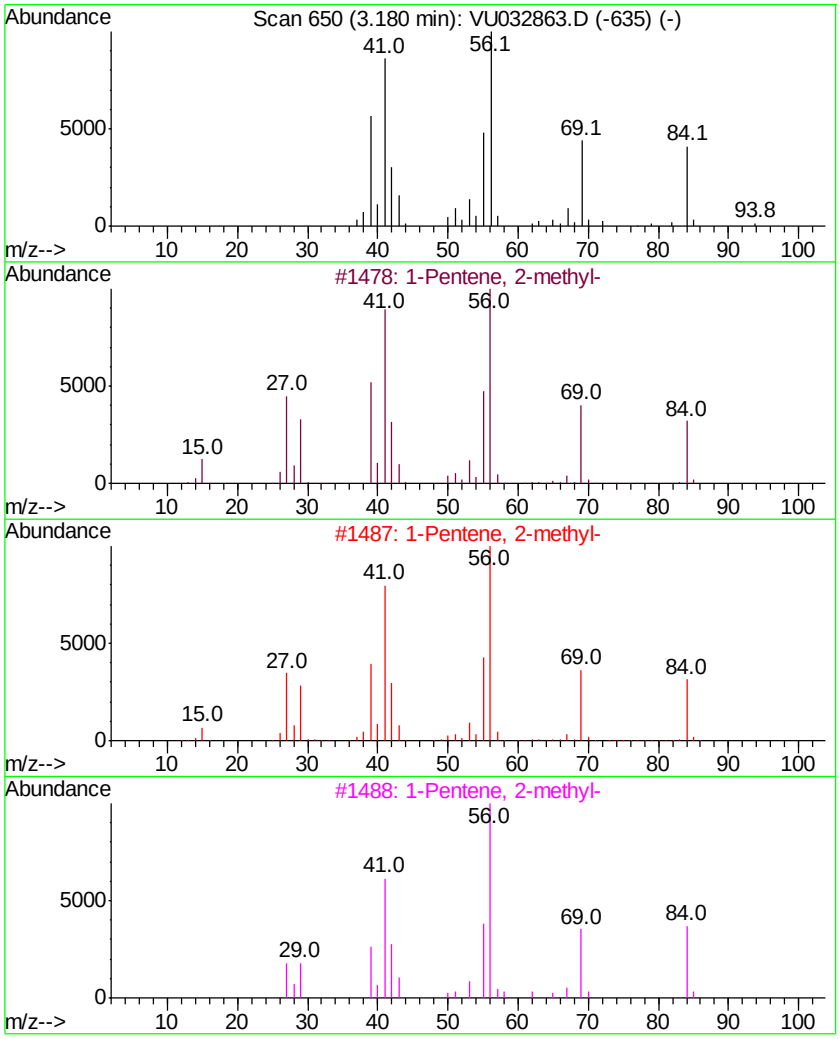
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

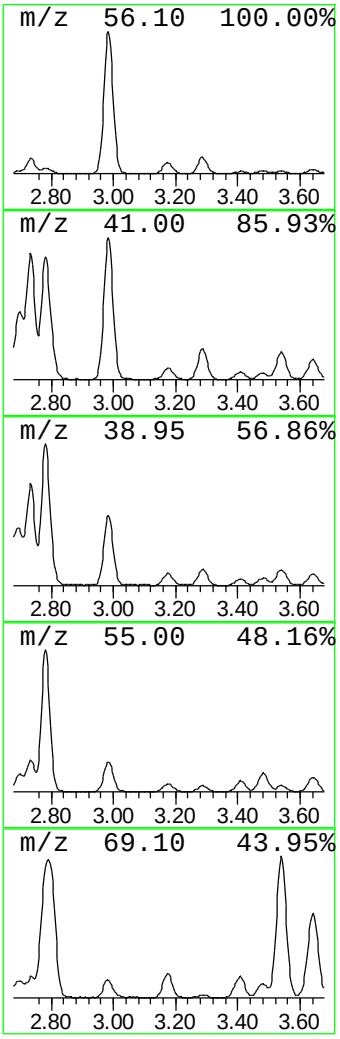
**********

Peak Number 12 (DEL) Alkane: Cyclic3.18 Concentration Rank 28

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.18 | 2.26 ug/L | 107855 | 1,4-Difluorobenzene | 5.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Pentene, 2-methyl- | 84 | C6H12 | 000763-29-1 | 94 |
| 2 | 1-Pentene, 2-methyl- | 84 | C6H12 | 000763-29-1 | 91 |
| 3 | 1-Pentene, 2-methyl- | 84 | C6H12 | 000763-29-1 | 81 |
| 4 | Cyclohexane | 84 | C6H12 | 000110-82-7 | 64 |
| 5 | 1-Hexene | 84 | C6H12 | 000592-41-6 | 58 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061919\
Data File : VU032863.D
Acq On : 19 Jun 2019 17:17
Operator : JC/SP
Sample : K3413-18
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GALG6

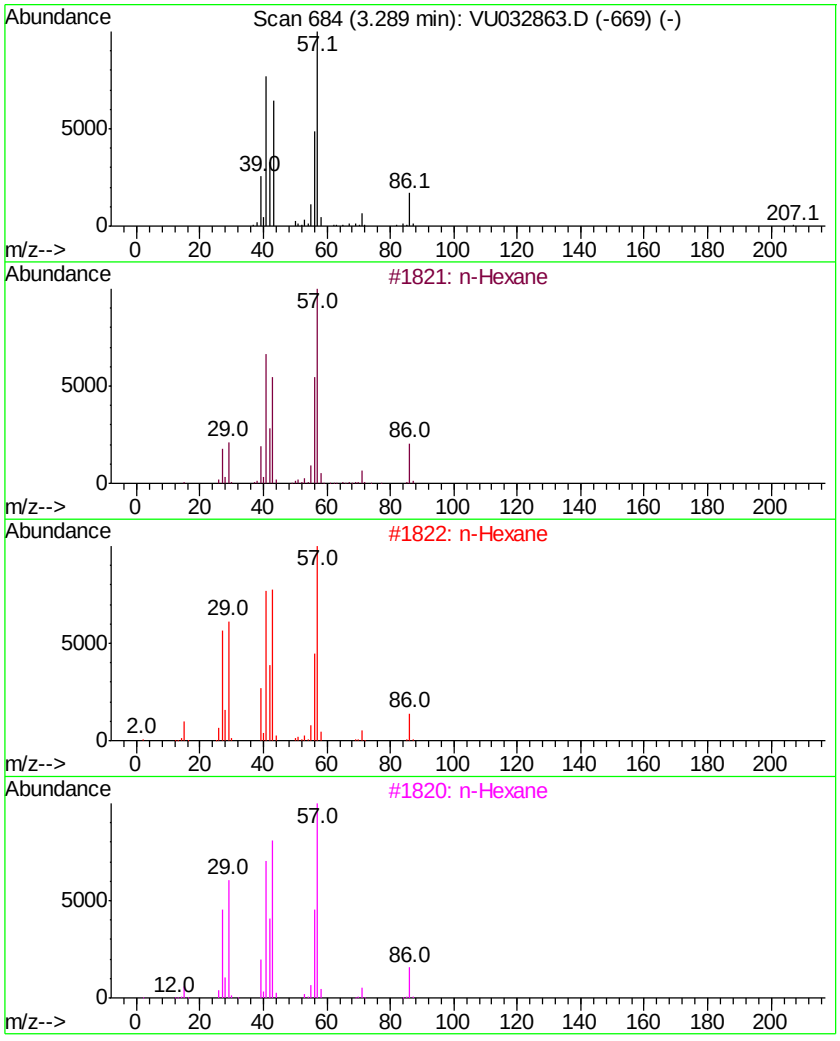
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

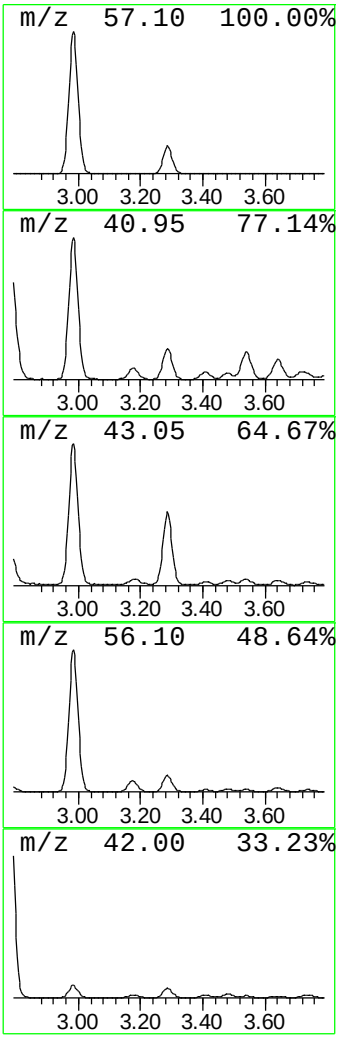
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.29 | 5.44 ug/L | 259572 | 1,4-Difluorobenzene | 5.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexane | 86 | C6H14 | 000110-54-3 | 91 |
| 2 | n-Hexane | 86 | C6H14 | 000110-54-3 | 91 |
| 3 | n-Hexane | 86 | C6H14 | 000110-54-3 | 90 |
| 4 | Hexane, 2,2,5,5-tetramethyl- | 142 | C10H22 | 001071-81-4 | 53 |
| 5 | Pentane, 2,2-dimethyl- | 100 | C7H16 | 000590-35-2 | 43 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061919\
Data File : VU032863.D
Acq On : 19 Jun 2019 17:17
Operator : JC/SP
Sample : K3413-18
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GALG6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

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

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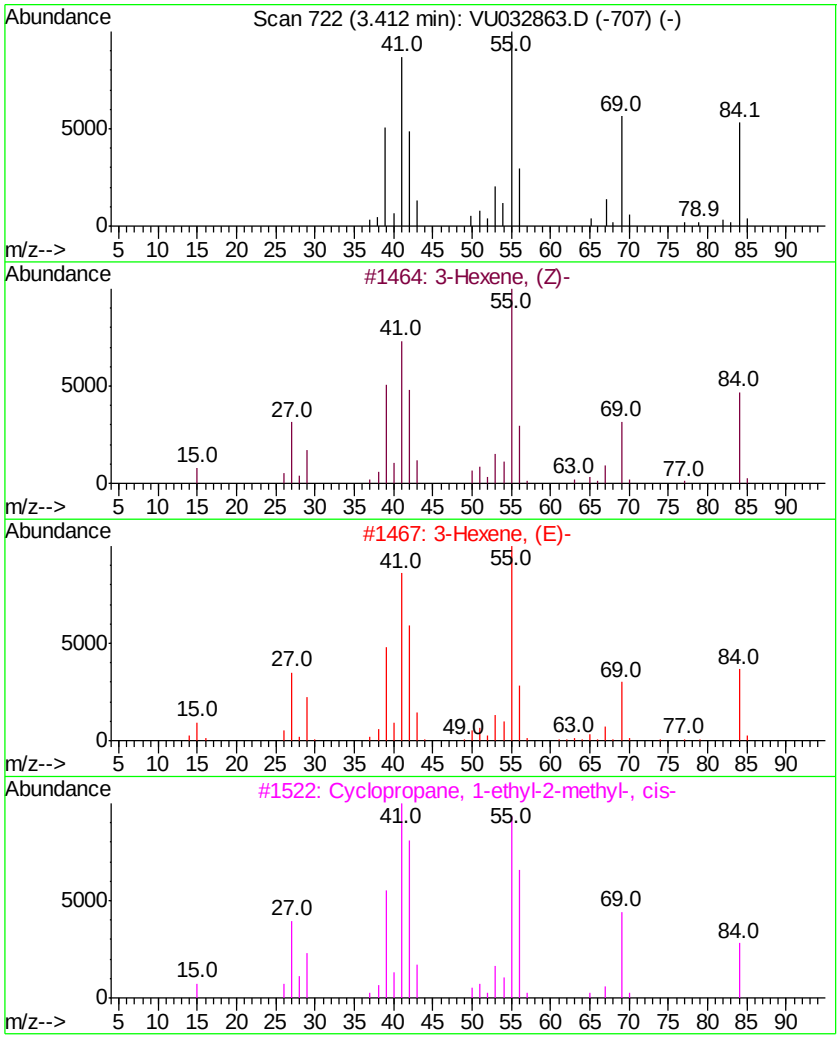
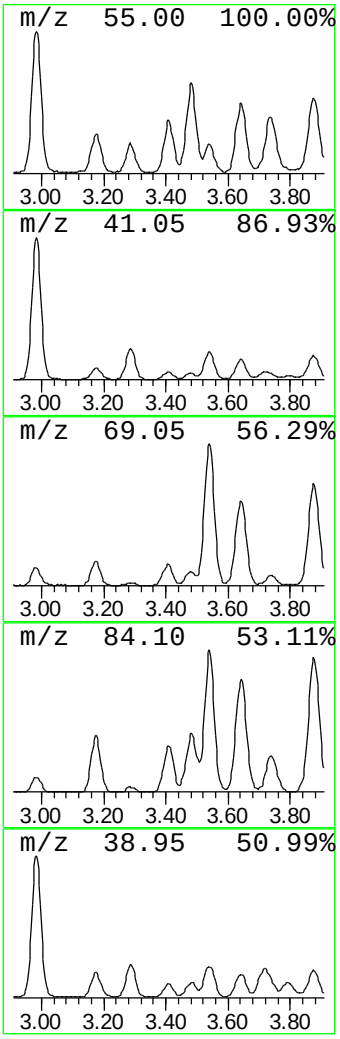
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 37

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.41 | 1.48 ug/L | 70868 | 1,4-Difluorobenzene | 5.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Hexene, (Z)- | 84 | C6H12 | 007642-09-3 | 90 |
| 2 | 3-Hexene, (E)- | 84 | C6H12 | 013269-52-8 | 76 |
| 3 | Cyclopropane, 1-ethyl-2-methyl-,... | 84 | C6H12 | 019781-68-1 | 70 |
| 4 | Pentane, 3-methylene- | 84 | C6H12 | 000760-21-4 | 64 |
| 5 | 2-Hexene | 84 | C6H12 | 000592-43-8 | 62 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061919\
Data File : VU032863.D
Acq On : 19 Jun 2019 17:17
Operator : JC/SP
Sample : K3413-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GALG6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

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

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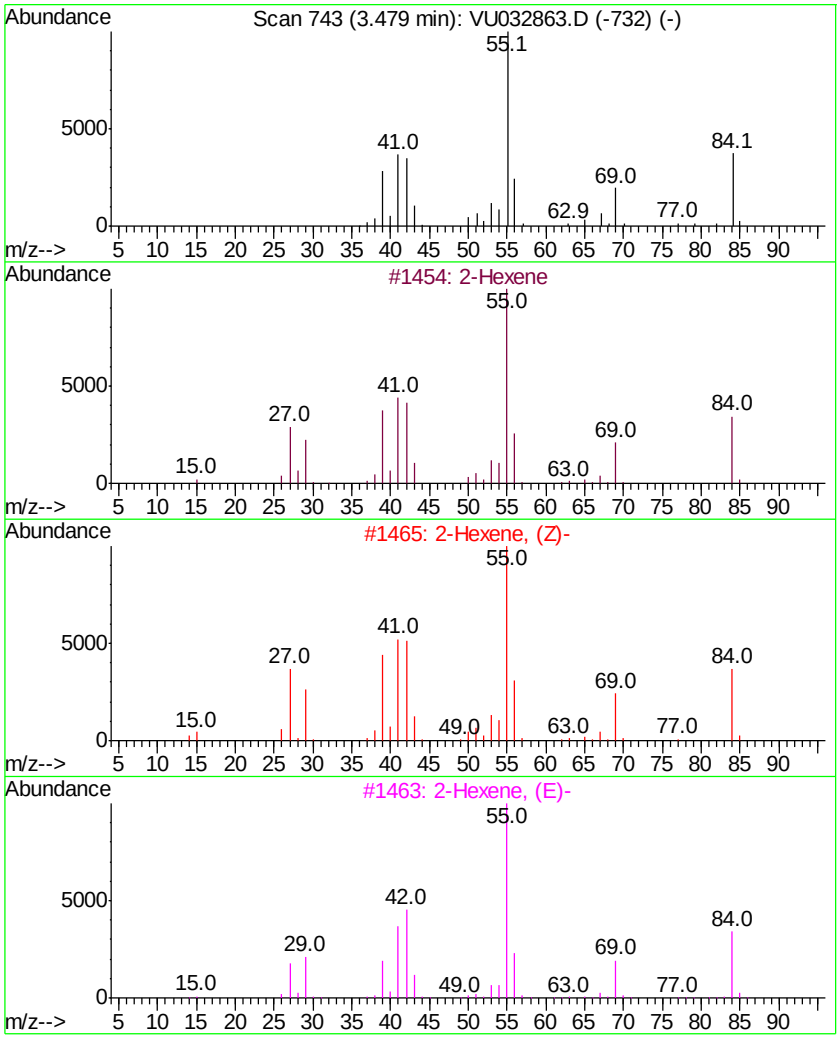
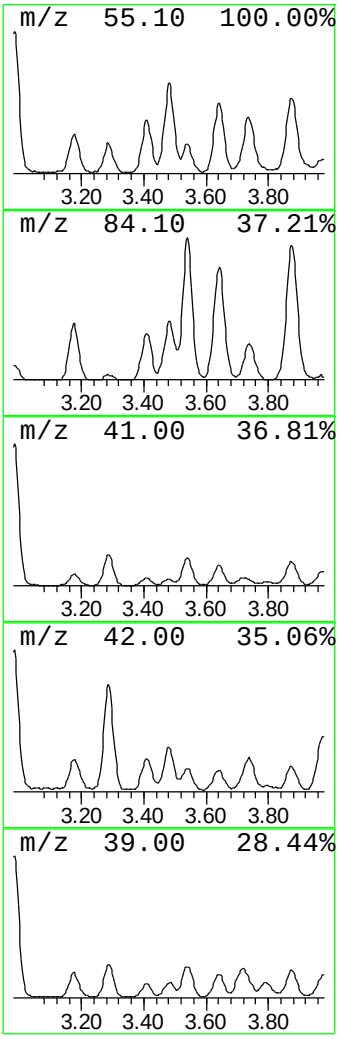
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 34

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.48 | 1.58 ug/L | 75424 | 1,4-Difluorobenzene | 5.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Hexene | 84 | C6H12 | 000592-43-8 | 94 |
| 2 | 2-Hexene, (Z)- | 84 | C6H12 | 007688-21-3 | 91 |
| 3 | 2-Hexene, (E)- | 84 | C6H12 | 004050-45-7 | 91 |
| 4 | 3-Hexene, (E)- | 84 | C6H12 | 013269-52-8 | 90 |
| 5 | 2-Hexene, (Z)- | 84 | C6H12 | 007688-21-3 | 90 |



# Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061919\
Data File : VU032863.D
Acq On : 19 Jun 2019 17:17
Operator : JC/SP
Sample : K3413-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GALG6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

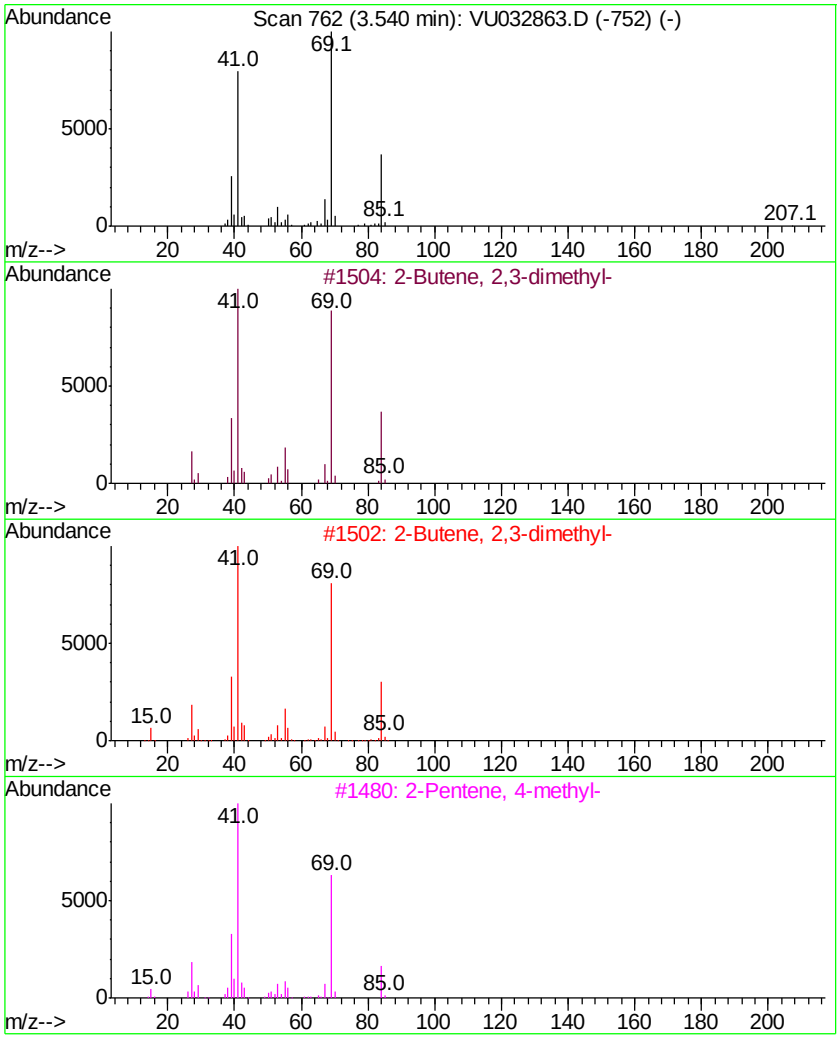
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

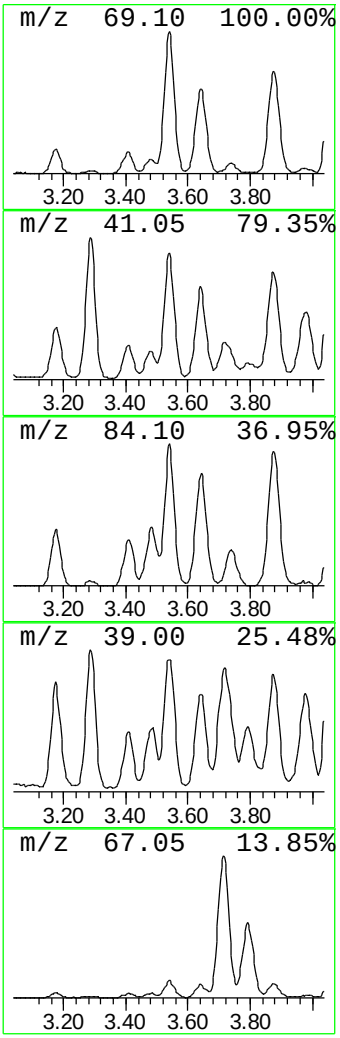
**********

Peak Number 16 (DEL) Alkane: Cyclic3.54 Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.54 | 4.03 ug/L | 192514 | 1,4-Difluorobenzene | 5.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Butene, 2,3-dimethyl- | 84 | C6H12 | 000563-79-1 | 91 |
| 2 | 2-Butene, 2,3-dimethyl- | 84 | C6H12 | 000563-79-1 | 90 |
| 3 | 2-Pentene, 4-methyl- | 84 | C6H12 | 004461-48-7 | 86 |
| 4 | 2-Pentene, 4-methyl-, (Z)- | 84 | C6H12 | 000691-38-3 | 86 |
| 5 | 2-Pentene, 4-methyl-, (E)- | 84 | C6H12 | 000674-76-0 | 86 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061919\
Data File : VU032863.D
Acq On : 19 Jun 2019 17:17
Operator : JC/SP
Sample : K3413-18
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GALG6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

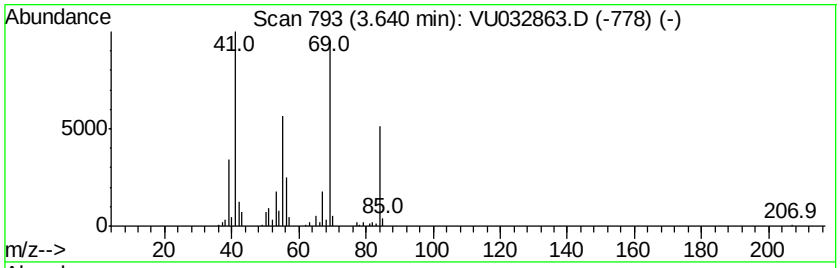
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

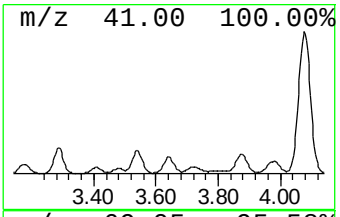
**********

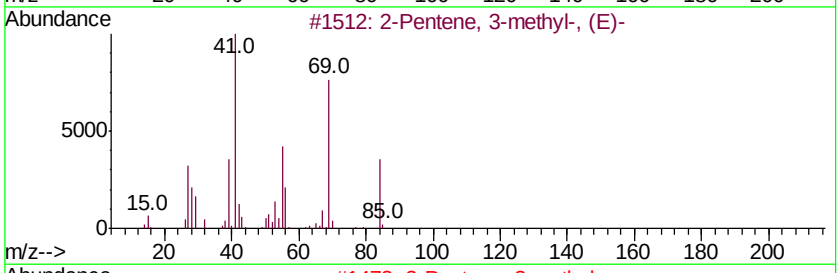
Peak Number 17 (DEL) Alkane: Cyclic3.64 Concentration Rank 21

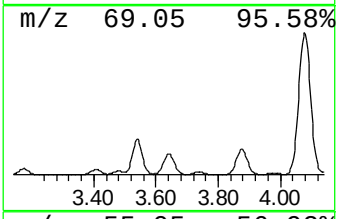
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.64 | 3.56 ug/L | 169943 | 1,4-Difluorobenzene | 5.88 |

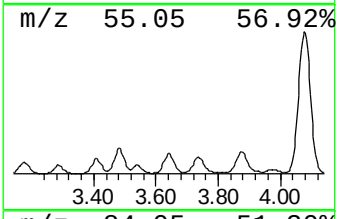
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentene, 3-methyl-, (E)- | 84 | C6H12 | 000616-12-6 | 94 |
| 2 | 2-Pentene, 3-methyl- | 84 | C6H12 | 000922-61-2 | 91 |
| 3 | 2-Pentene, 3-methyl-, (Z)- | 84 | C6H12 | 000922-62-3 | 91 |
| 4 | 2-Pentene, 3-methyl-, (Z)- | 84 | C6H12 | 000922-62-3 | 91 |
| 5 | 2-Pentene, 3-methyl-, (E)- | 84 | C6H12 | 000616-12-6 | 91 |

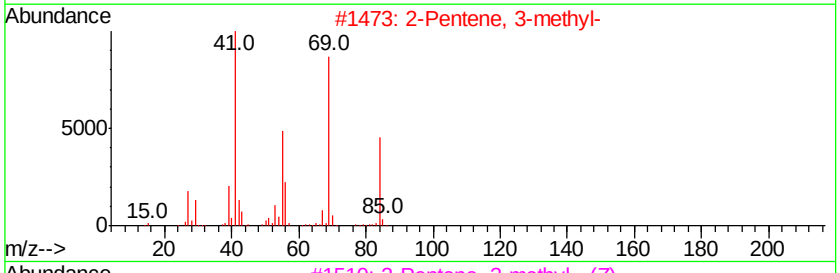


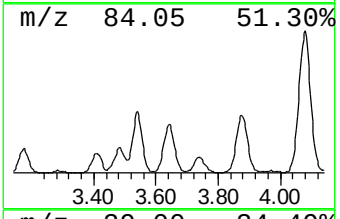



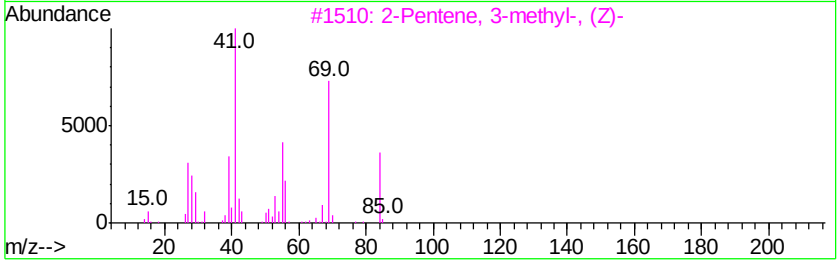



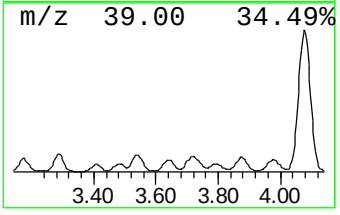



# Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061919\
Data File : VU032863.D
Acq On : 19 Jun 2019 17:17
Operator : JC/SP
Sample : K3413-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GALG6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

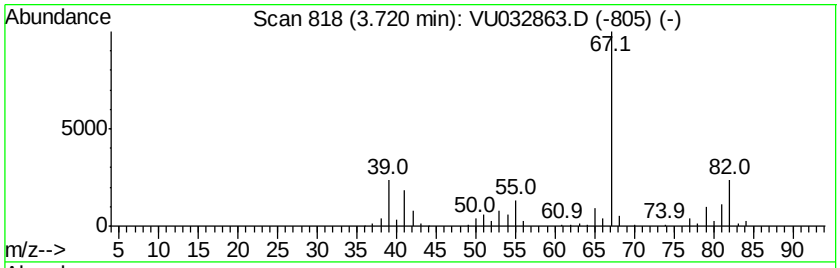
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

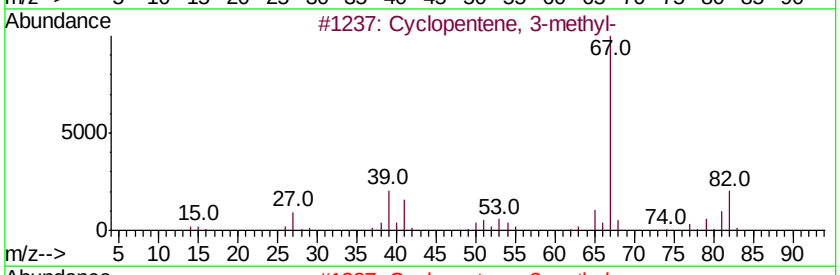
**********

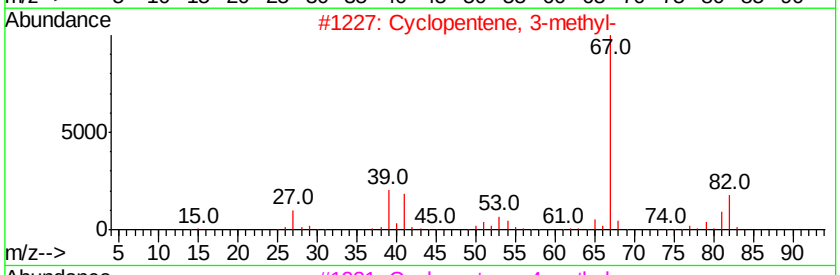
Peak Number 18 (DEL) Alkane: Cyclic3.72 Concentration Rank 17

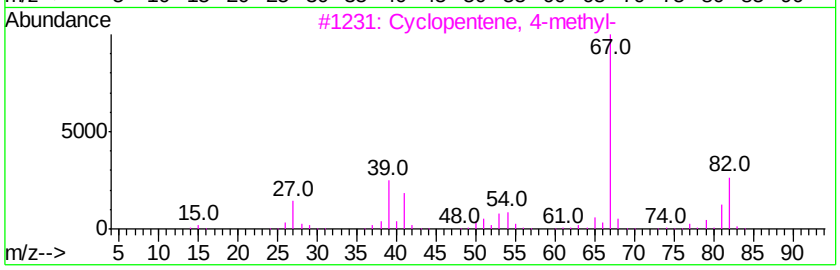
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.72 | 4.37 ug/L | 208475 | 1,4-Difluorobenzene | 5.88 |

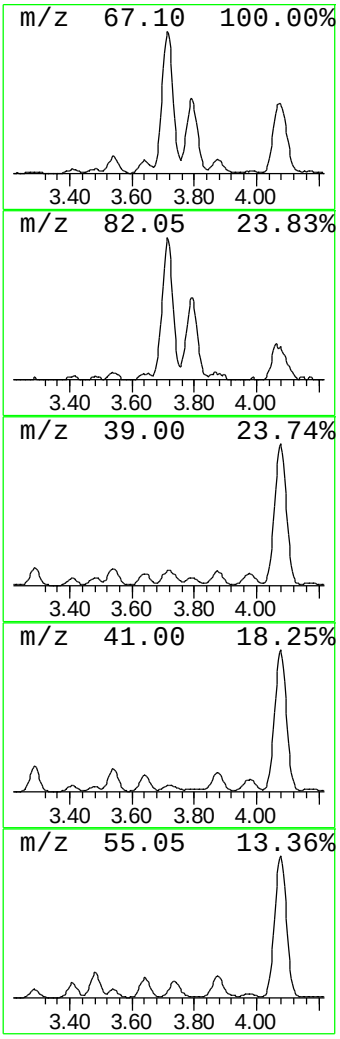
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentene, 3-methyl- | 82 | C6H10 | 001120-62-3 | 93 |
| 2 | Cyclopentene, 3-methyl- | 82 | C6H10 | 001120-62-3 | 90 |
| 3 | Cyclopentene, 4-methyl- | 82 | C6H10 | 001759-81-5 | 87 |
| 4 | Cyclopentene, 3-methyl- | 82 | C6H10 | 001120-62-3 | 86 |
| 5 | 2,4-Hexadiene | 82 | C6H10 | 000592-46-1 | 83 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061919\
Data File : VU032863.D
Acq On : 19 Jun 2019 17:17
Operator : JC/SP
Sample : K3413-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GALG6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

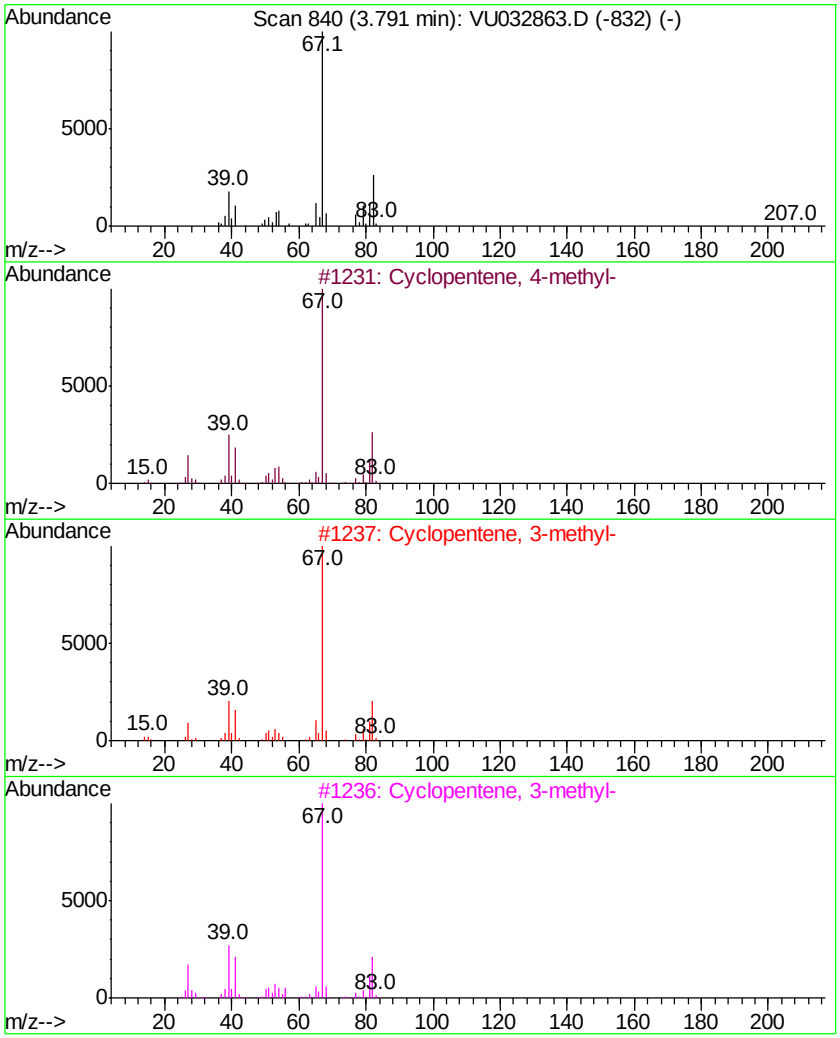
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

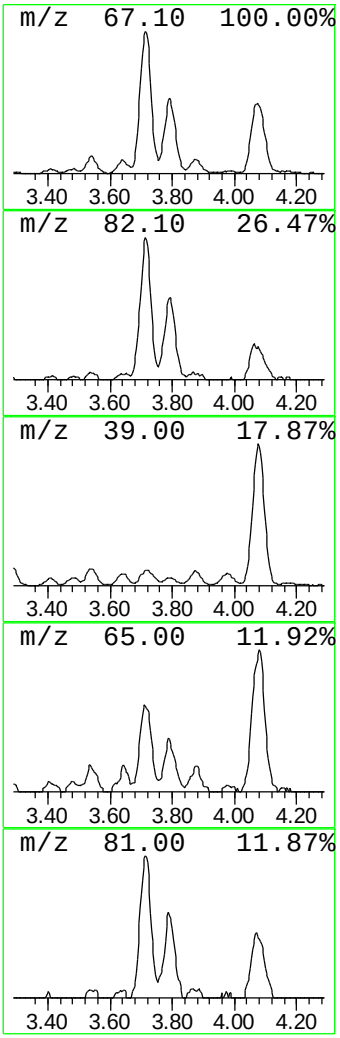
**********

Peak Number 19 Cyclopentene, 4-methyl- Concentration Rank 31

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.79 | 1.87 ug/L | 89400 | 1,4-Difluorobenzene | 5.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentene, 4-methyl- | 82 | C6H10 | 001759-81-5 | 87 |
| 2 | Cyclopentene, 3-methyl- | 82 | C6H10 | 001120-62-3 | 87 |
| 3 | Cyclopentene, 3-methyl- | 82 | C6H10 | 001120-62-3 | 86 |
| 4 | Cyclopentene, 3-methyl- | 82 | C6H10 | 001120-62-3 | 83 |
| 5 | 2,4-Hexadiene, (E,Z)- | 82 | C6H10 | 005194-50-3 | 80 |



# Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061919\
Data File : VU032863.D
Acq On : 19 Jun 2019 17:17
Operator : JC/SP
Sample : K3413-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GALG6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

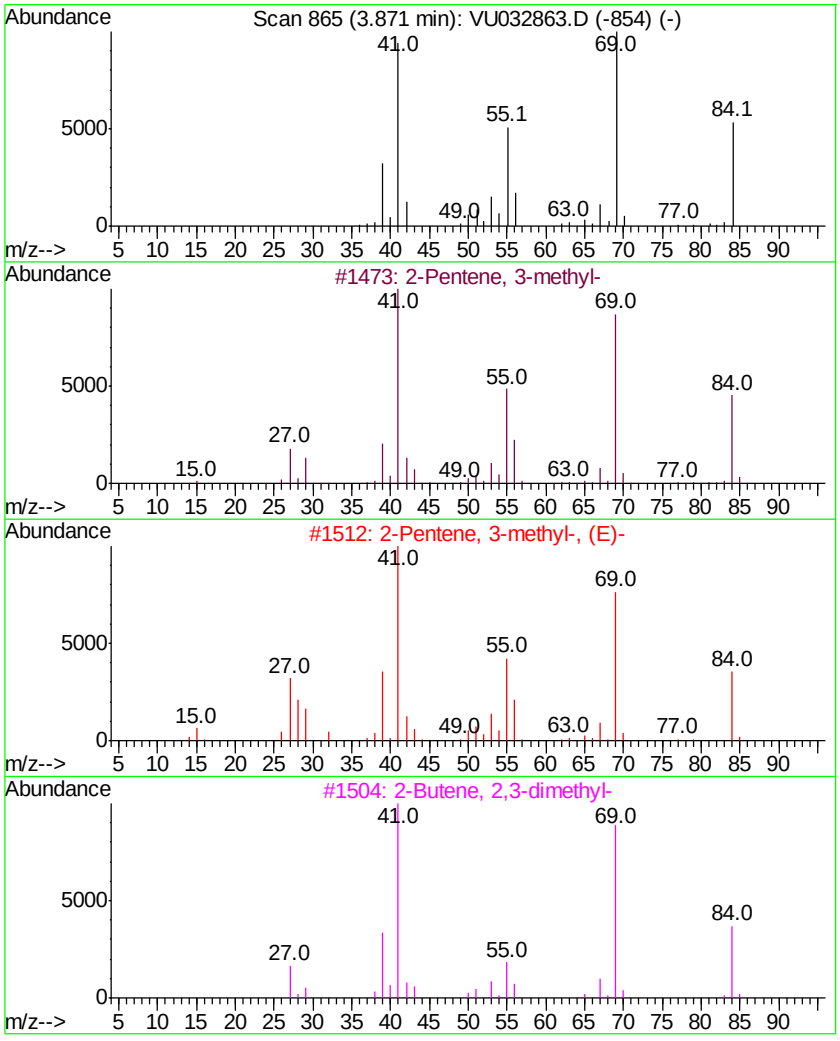
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

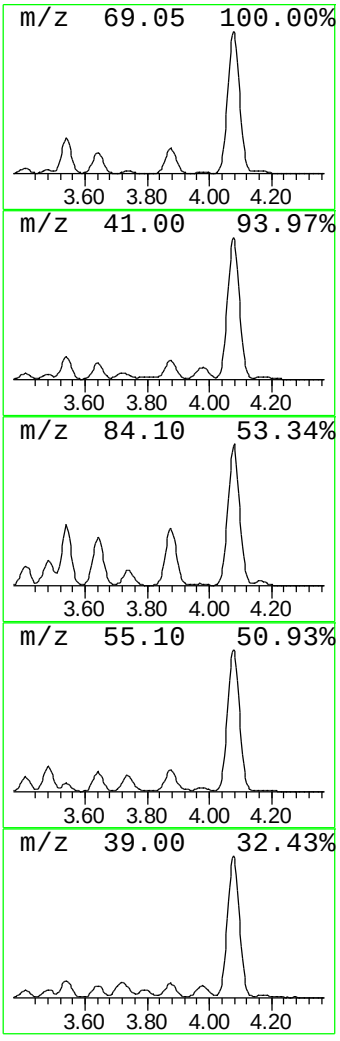
**********

Peak Number 20 (DEL) Alkane: Cyclic3.87 Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.87 | 4.15 ug/L | 198263 | 1,4-Difluorobenzene | 5.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentene, 3-methyl- | 84 | C6H12 | 000922-61-2 | 87 |
| 2 | 2-Pentene, 3-methyl-, (E)- | 84 | C6H12 | 000616-12-6 | 87 |
| 3 | 2-Butene, 2,3-dimethyl- | 84 | C6H12 | 000563-79-1 | 87 |
| 4 | 2-Pentene, 3-methyl-, (Z)- | 84 | C6H12 | 000922-62-3 | 87 |
| 5 | 2-Pentene, 2-methyl- | 84 | C6H12 | 000625-27-4 | 86 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061919\
Data File : VU032863.D
Acq On : 19 Jun 2019 17:17
Operator : JC/SP
Sample : K3413-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GALG6

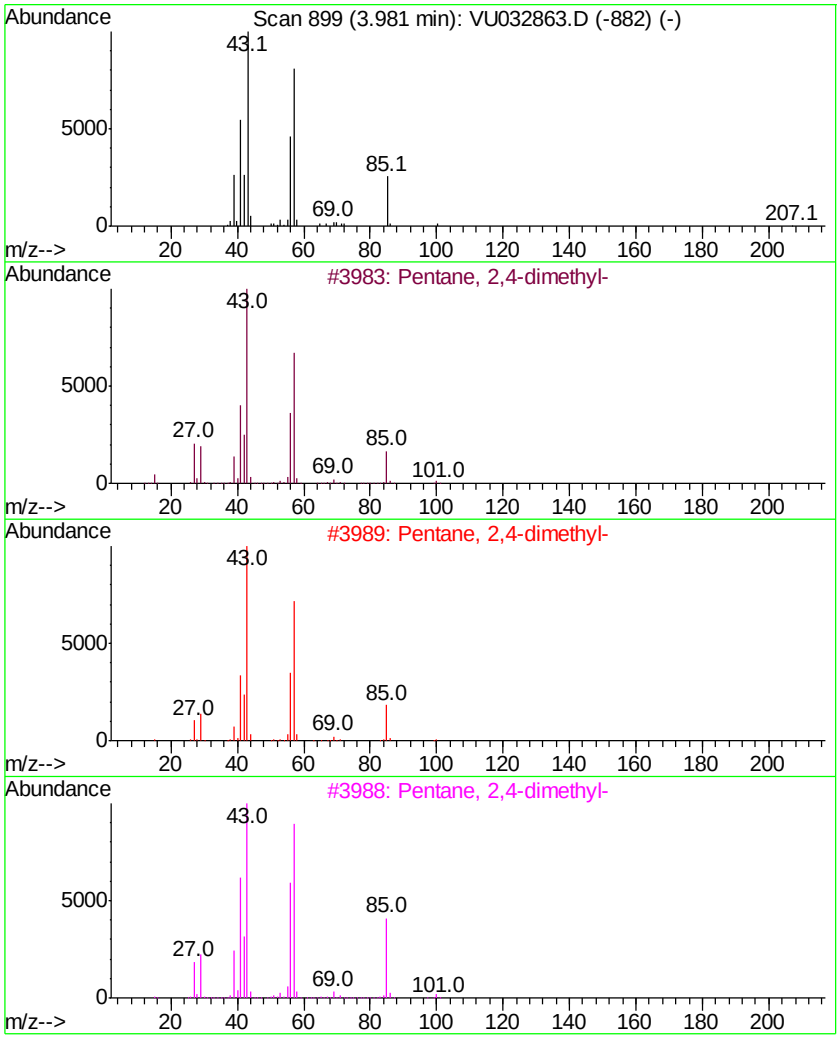
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

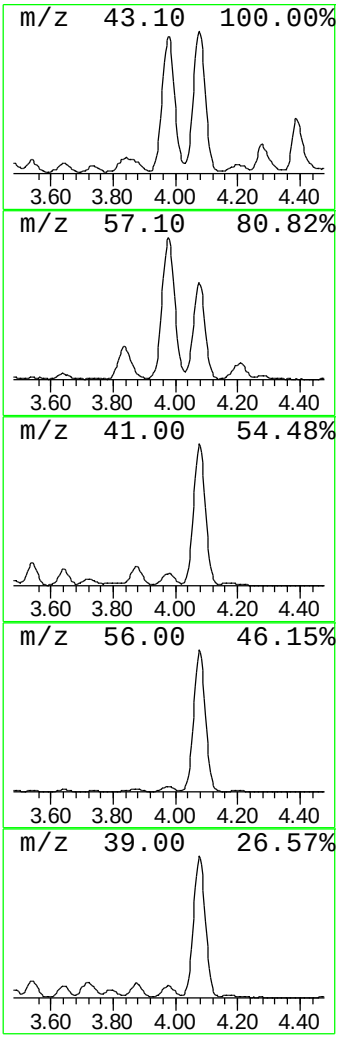
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.98 | 3.95 ug/L | 188461 | 1,4-Difluorobenzene | 5.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentane, 2,4-dimethyl- | 100 | C7H16 | 000108-08-7 | 91 |
| 2 | Pentane, 2,4-dimethyl- | 100 | C7H16 | 000108-08-7 | 91 |
| 3 | Pentane, 2,4-dimethyl- | 100 | C7H16 | 000108-08-7 | 64 |
| 4 | Butane, 2,2,3-trimethyl- | 100 | C7H16 | 000464-06-2 | 59 |
| 5 | n-Hexane | 86 | C6H14 | 000110-54-3 | 53 |



# Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061919\
Data File : VU032863.D
Acq On : 19 Jun 2019 17:17
Operator : JC/SP
Sample : K3413-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GALG6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

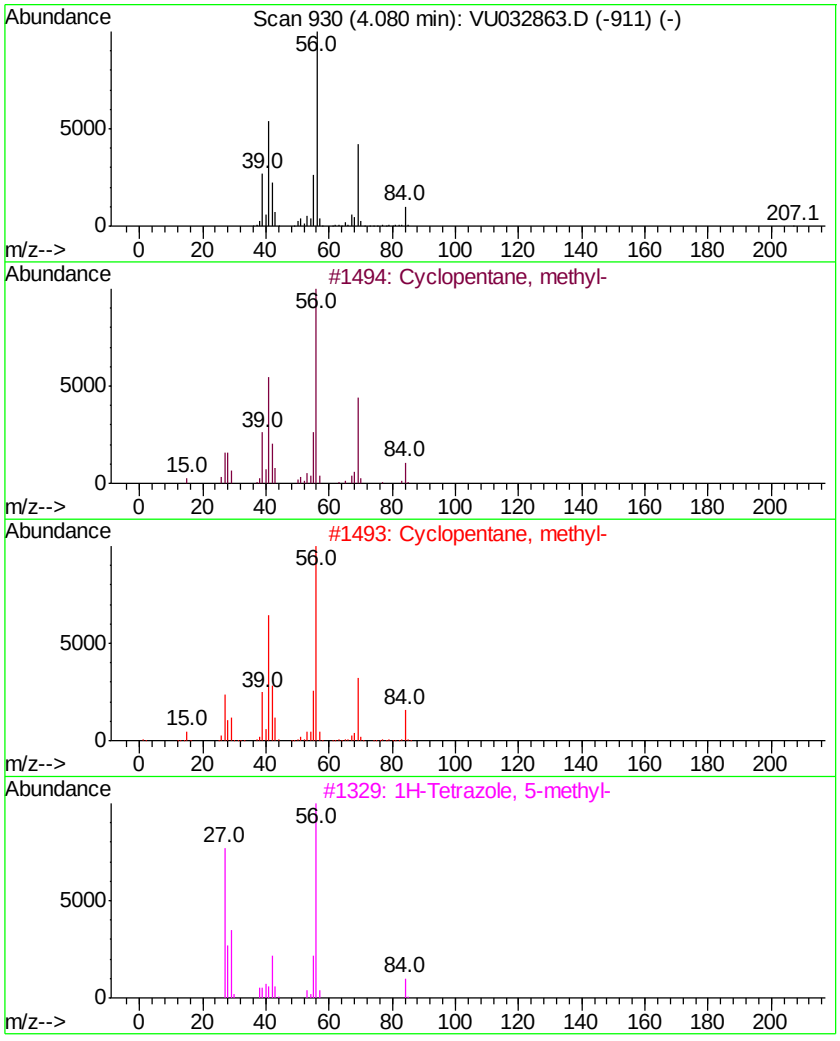
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

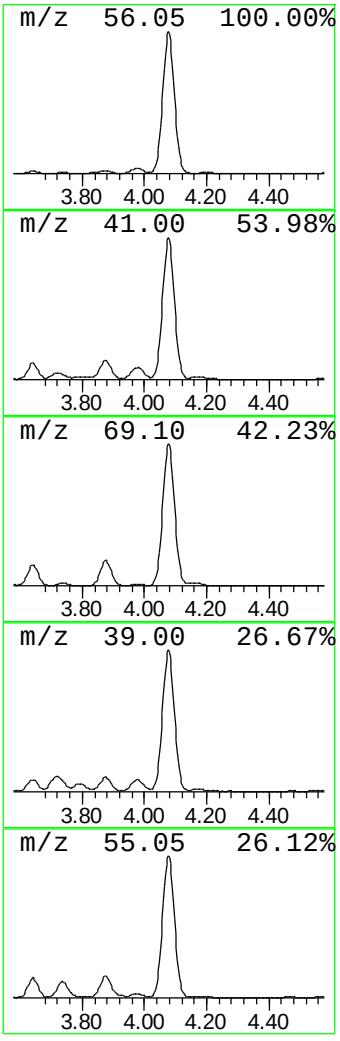
**********

Peak Number 22 (DEL) Alkane: Cyclic4.08 Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.08 | 43.21 ug/L | 2063040 | 1,4-Difluorobenzene | 5.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentane, methyl- | 84 | C6H12 | 000096-37-7 | 94 |
| 2 | Cyclopentane, methyl- | 84 | C6H12 | 000096-37-7 | 90 |
| 3 | 1H-Tetrazole, 5-methyl- | 84 | C2H4N4 | 004076-36-2 | 72 |
| 4 | Cyclobutane, ethyl- | 84 | C6H12 | 004806-61-5 | 64 |
| 5 | Cyclobutane, ethyl- | 84 | C6H12 | 004806-61-5 | 59 |



# Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061919\
Data File : VU032863.D
Acq On : 19 Jun 2019 17:17
Operator : JC/SP
Sample : K3413-18
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GALG6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

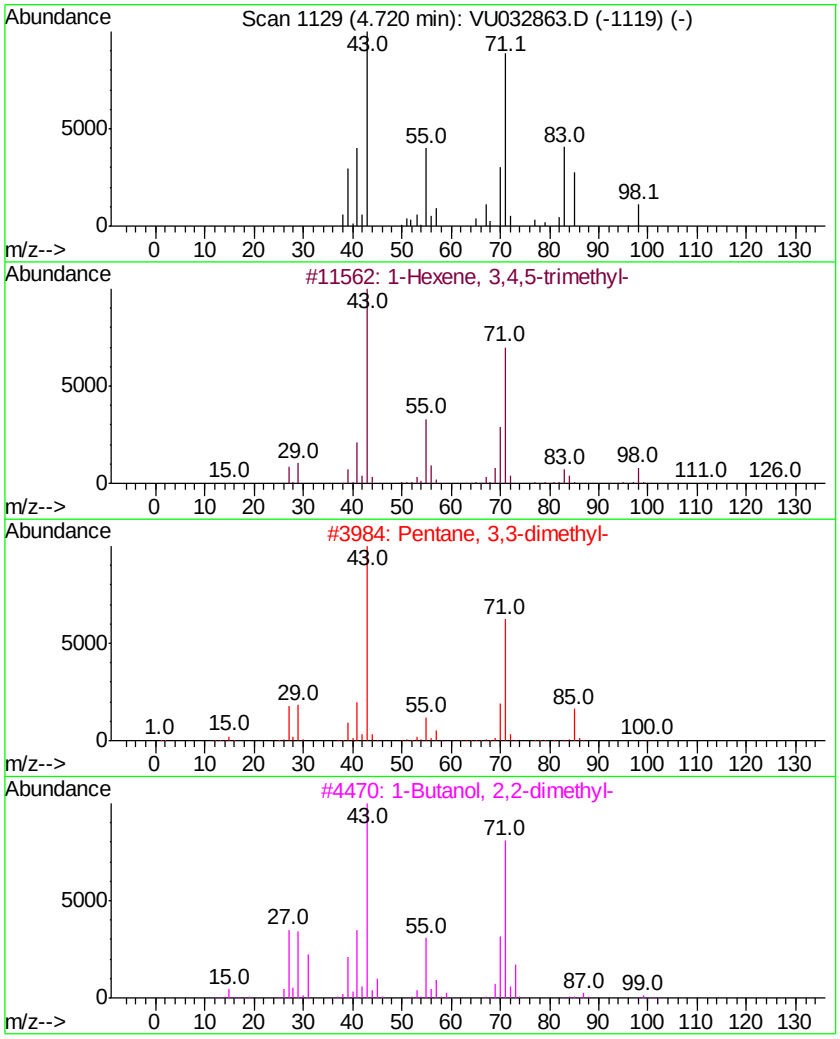
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

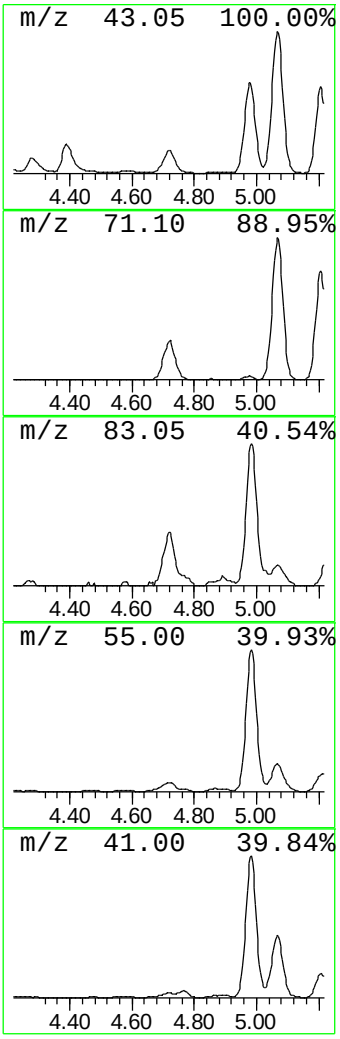
**********

Peak Number 23 (DEL) Alkane: Cyclic4.72 Concentration Rank 39

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.72 | 1.40 ug/L | 66730 | 1,4-Difluorobenzene | 5.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Hexene, 3,4,5-trimethyl- | 126 | C9H18 | 056728-10-0 | 50 |
| 2 | Pentane, 3,3-dimethyl- | 100 | C7H16 | 000562-49-2 | 50 |
| 3 | 1-Butanol, 2,2-dimethyl- | 102 | C6H14O | 001185-33-7 | 47 |
| 4 | 2-Hexene, 1-methoxy-, (E)- | 114 | C7H14O | 056052-83-6 | 43 |
| 5 | Pentane, 3,3-dimethyl- | 100 | C7H16 | 000562-49-2 | 40 |



# Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061919\
Data File : VU032863.D
Acq On : 19 Jun 2019 17:17
Operator : JC/SP
Sample : K3413-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GALG6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

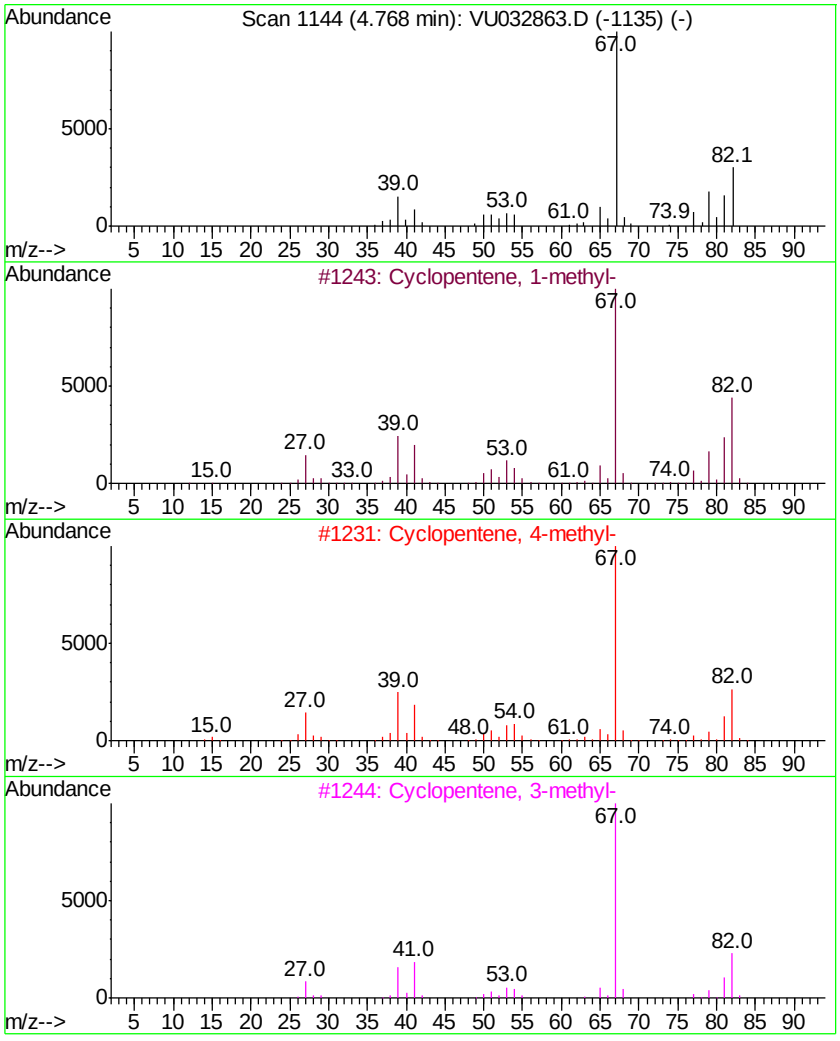
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

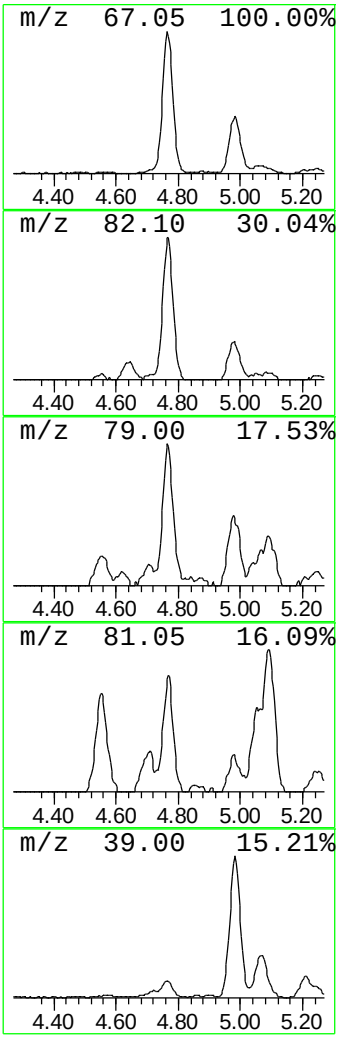
**********

Peak Number 24 Cyclopentene, 1-methyl- Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.77 | 2.91 ug/L | 138914 | 1,4-Difluorobenzene | 5.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentene, 1-methyl- | 82 | C6H10 | 000693-89-0 | 87 |
| 2 | Cyclopentene, 4-methyl- | 82 | C6H10 | 001759-81-5 | 87 |
| 3 | Cyclopentene, 3-methyl- | 82 | C6H10 | 001120-62-3 | 80 |
| 4 | Cyclopentene, 1-methyl- | 82 | C6H10 | 000693-89-0 | 80 |
| 5 | 1,4-Pentadiene, 3-methyl- | 82 | C6H10 | 001115-08-8 | 80 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061919\
Data File : VU032863.D
Acq On : 19 Jun 2019 17:17
Operator : JC/SP
Sample : K3413-18
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GALG6

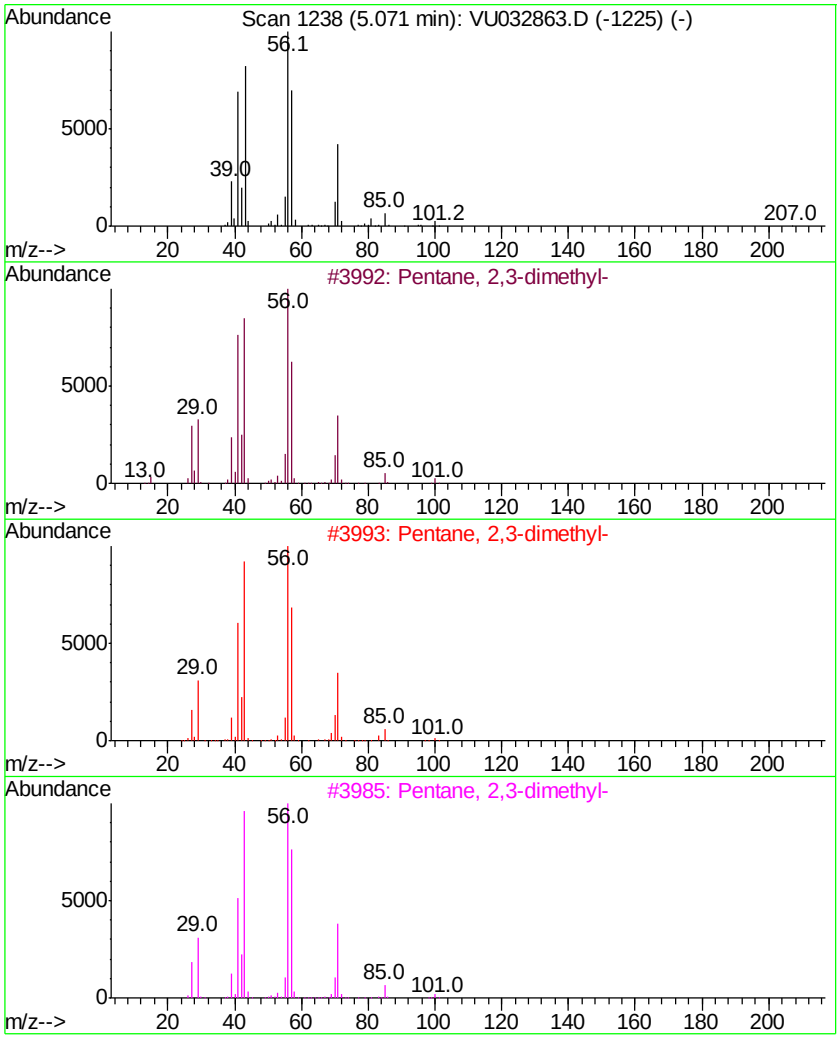
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

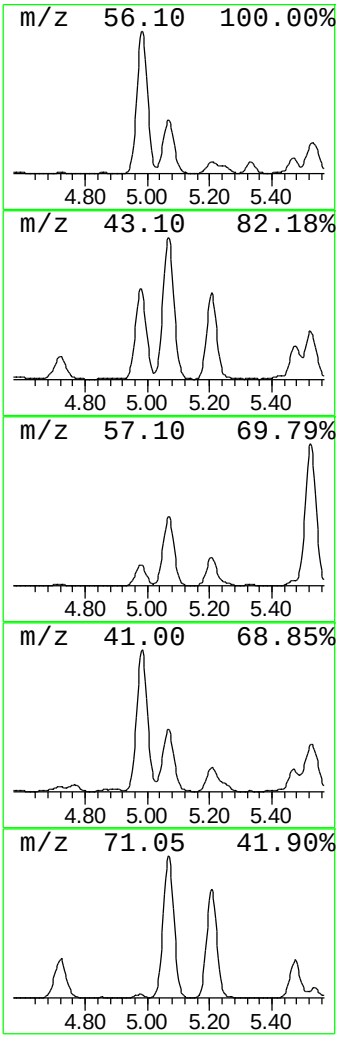
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.07 | 12.33 ug/L | 588574 | 1,4-Difluorobenzene | 5.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentane, 2,3-dimethyl- | 100 | C7H16 | 000565-59-3 | 94 |
| 2 | Pentane, 2,3-dimethyl- | 100 | C7H16 | 000565-59-3 | 91 |
| 3 | Pentane, 2,3-dimethyl- | 100 | C7H16 | 000565-59-3 | 91 |
| 4 | Pentane, 2,3-dimethyl- | 100 | C7H16 | 000565-59-3 | 83 |
| 5 | Hexane, 2,2,5,5-tetramethyl- | 142 | C10H22 | 001071-81-4 | 50 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061919\
Data File : VU032863.D
Acq On : 19 Jun 2019 17:17
Operator : JC/SP
Sample : K3413-18
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GALG6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

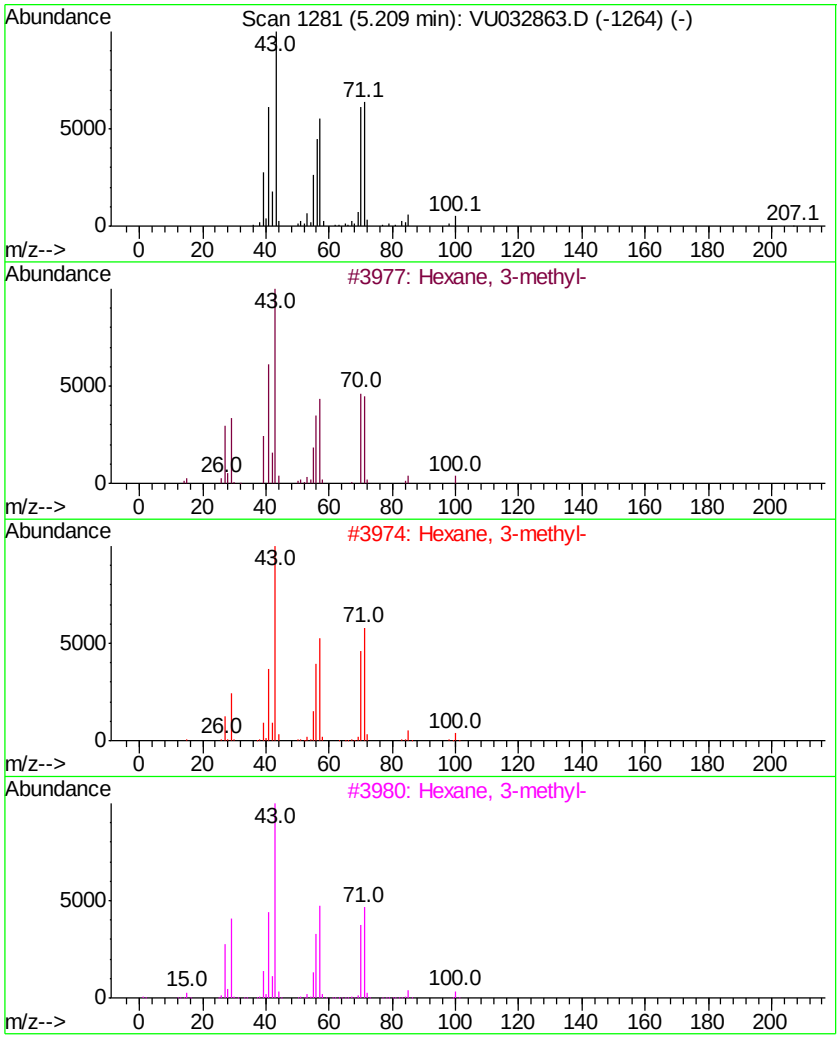
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

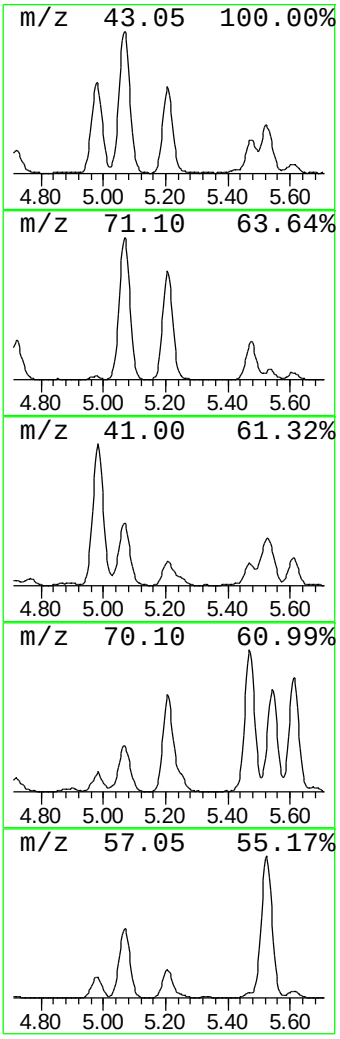
**********

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.21 | 6.96 ug/L | 332257 | 1,4-Difluorobenzene | 5.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexane, 3-methyl- | 100 | C7H16 | 000589-34-4 | 91 |
| 2 | Hexane, 3-methyl- | 100 | C7H16 | 000589-34-4 | 91 |
| 3 | Hexane, 3-methyl- | 100 | C7H16 | 000589-34-4 | 87 |
| 4 | Heptane | 100 | C7H16 | 000142-82-5 | 80 |
| 5 | Heptane | 100 | C7H16 | 000142-82-5 | 64 |



# Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061919\
Data File : VU032863.D
Acq On : 19 Jun 2019 17:17
Operator : JC/SP
Sample : K3413-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GALG6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

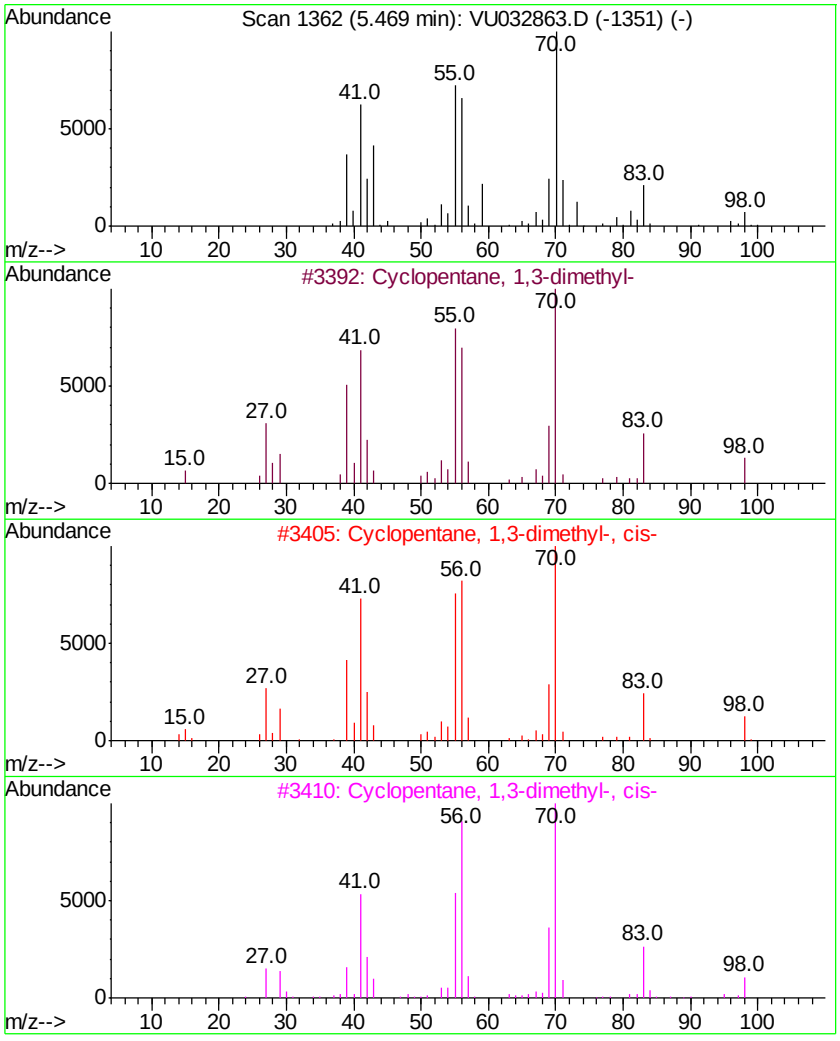
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

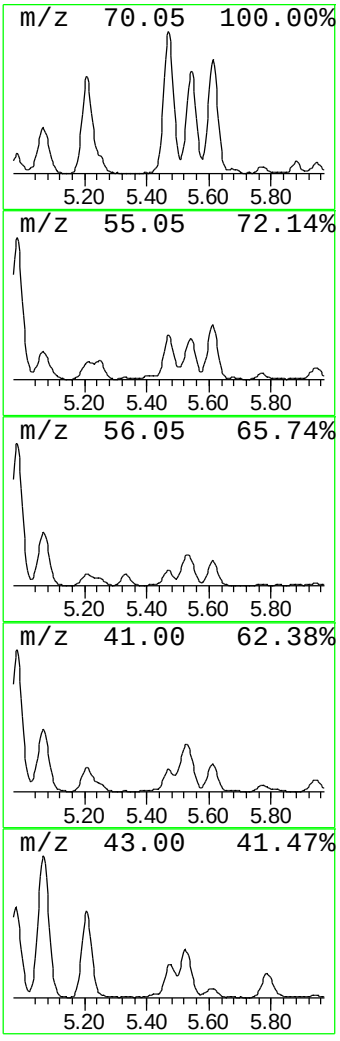
**********

Peak Number 27 (DEL) Alkane: Cyclic5.47 Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.47 | 5.16 ug/L | 246426 | 1,4-Difluorobenzene | 5.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentane, 1,3-dimethyl- | 98 | C7H14 | 002453-00-1 | 76 |
| 2 | Cyclopentane, 1,3-dimethyl-, cis- | 98 | C7H14 | 002532-58-3 | 76 |
| 3 | Cyclopentane, 1,3-dimethyl-, cis- | 98 | C7H14 | 002532-58-3 | 59 |
| 4 | Undecane, 3-methylene- | 168 | C12H24 | 071138-64-2 | 53 |
| 5 | 1-Heptene, 5-methyl- | 112 | C8H16 | 013151-04-7 | 50 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061919\
Data File : VU032863.D
Acq On : 19 Jun 2019 17:17
Operator : JC/SP
Sample : K3413-18
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GALG6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

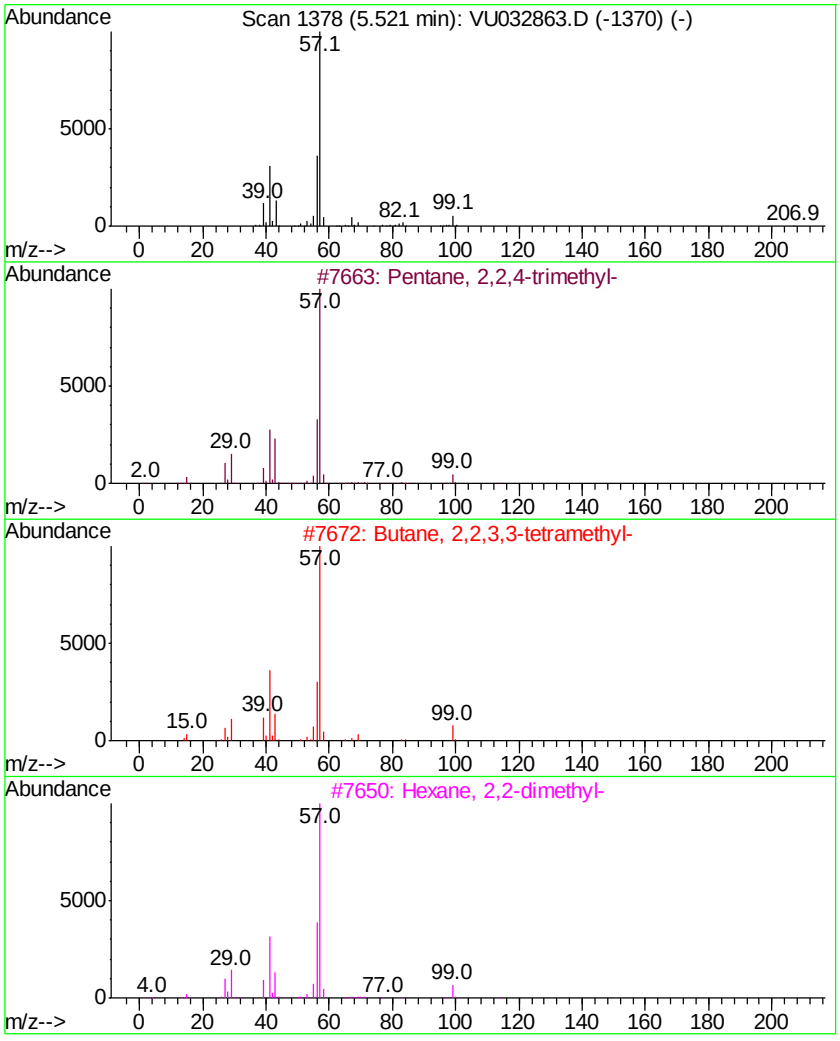
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

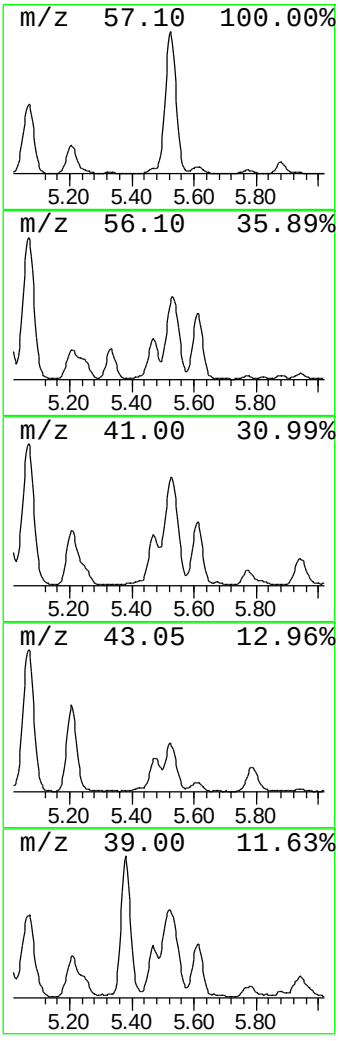
**********

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.52 | 12.48 ug/L | 596077 | 1,4-Difluorobenzene | 5.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentane, 2,2,4-trimethyl- | 114 | C8H18 | 000540-84-1 | 78 |
| 2 | Butane, 2,2,3,3-tetramethyl- | 114 | C8H18 | 000594-82-1 | 78 |
| 3 | Hexane, 2,2-dimethyl- | 114 | C8H18 | 000590-73-8 | 78 |
| 4 | Dodecane, 2,2,11,11-tetramethyl- | 226 | C16H34 | 127204-12-0 | 72 |
| 5 | Hexane, 2,2-dimethyl- | 114 | C8H18 | 000590-73-8 | 64 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061919\
Data File : VU032863.D
Acq On : 19 Jun 2019 17:17
Operator : JC/SP
Sample : K3413-18
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GALG6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

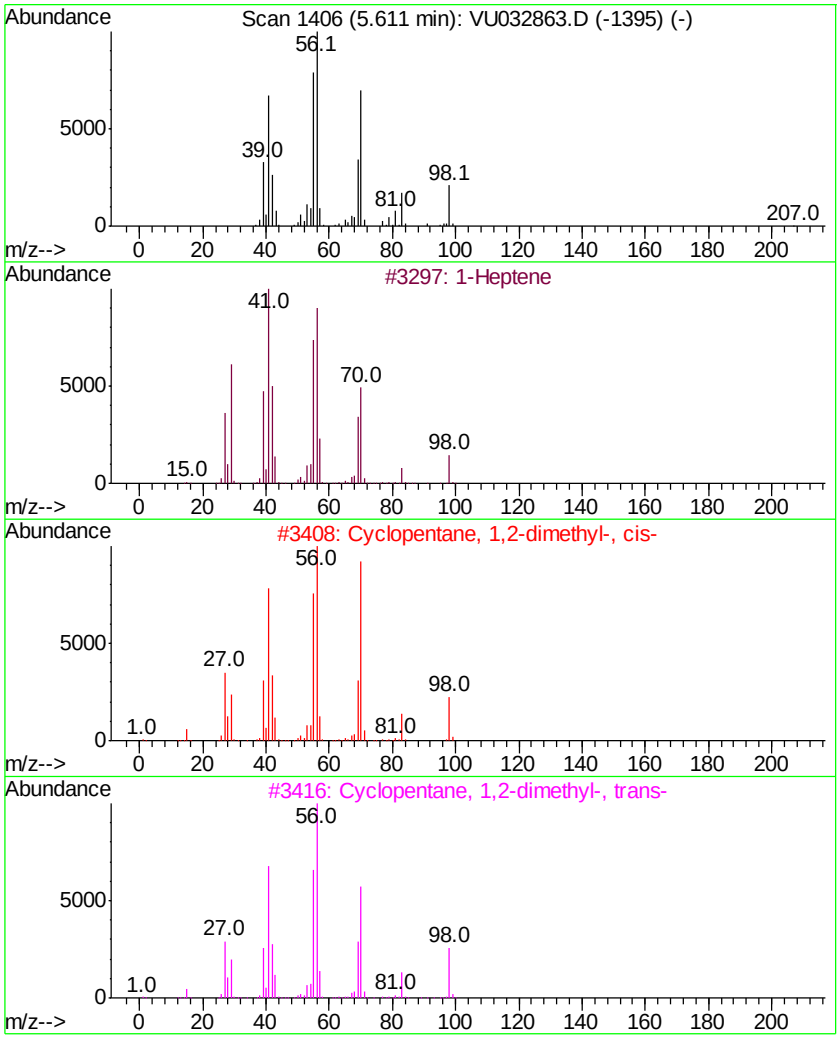
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

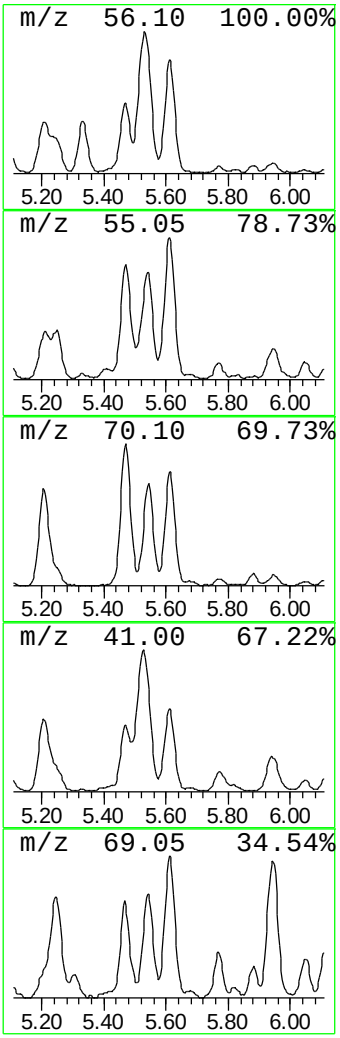
**********

Peak Number 29 (DEL) Alkane: Cyclic5.61 Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.61 | 5.58 ug/L | 266441 | 1,4-Difluorobenzene | 5.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Heptene | 98 | C7H14 | 000592-76-7 | 91 |
| 2 | Cyclopentane, 1,2-dimethyl-, cis- | 98 | C7H14 | 001192-18-3 | 91 |
| 3 | Cyclopentane, 1,2-dimethyl-, trans- | 98 | C7H14 | 000822-50-4 | 91 |
| 4 | Isopropylcyclobutane | 98 | C7H14 | 000872-56-0 | 90 |
| 5 | Cyclopentane, 1,2-dimethyl-, trans- | 98 | C7H14 | 000822-50-4 | 90 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061919\
Data File : VU032863.D
Acq On : 19 Jun 2019 17:17
Operator : JC/SP
Sample : K3413-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GALG6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

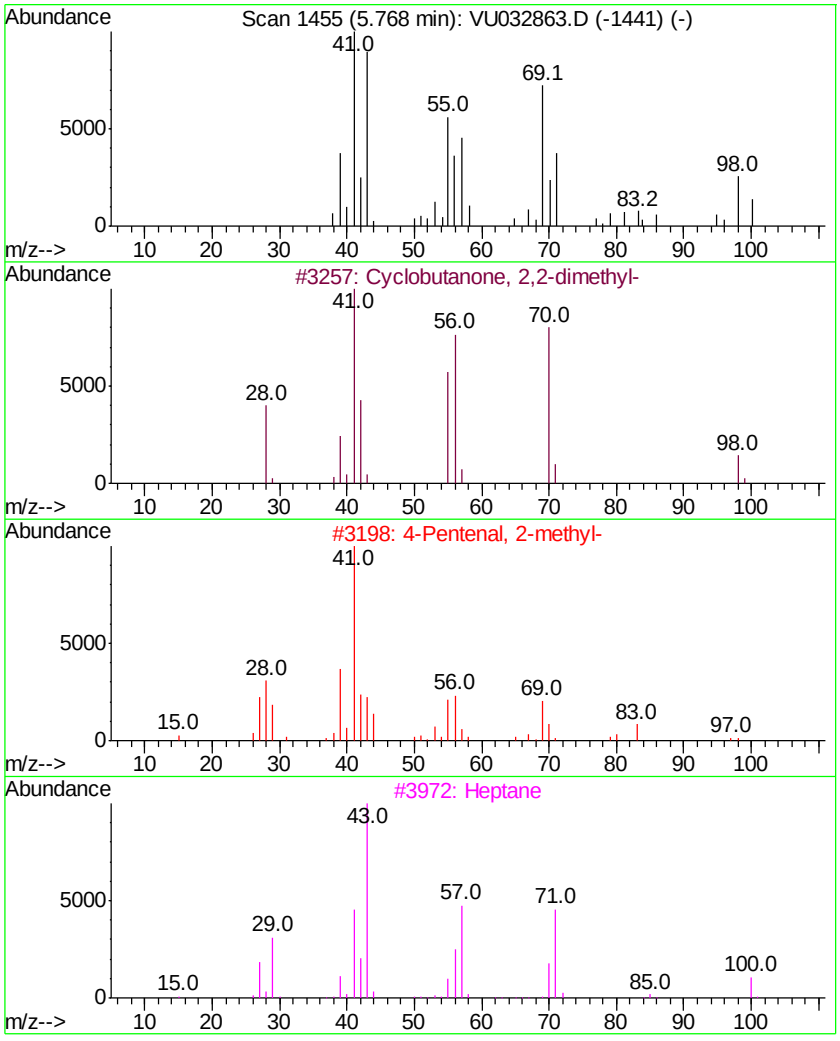
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

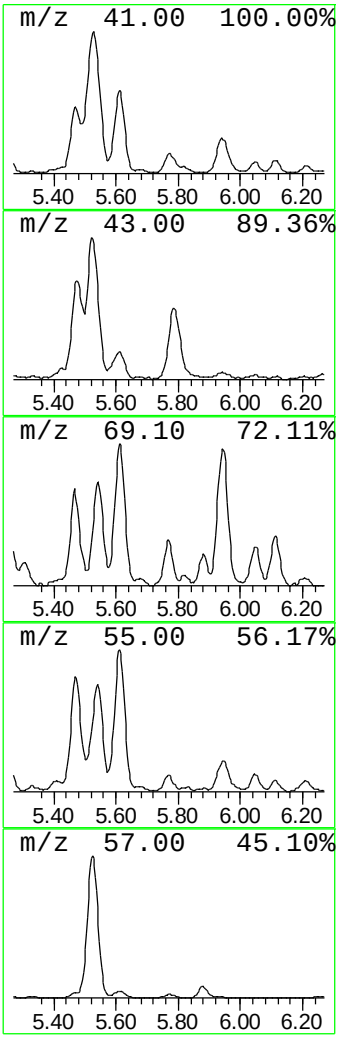
**********

Peak Number 30 unknown-01 Concentration Rank 38

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.77 | 1.45 ug/L | 69150 | 1,4-Difluorobenzene | 5.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclobutanone, 2,2-dimethyl- | 98 | C6H10O | 001192-14-9 | 38 |
| 2 | 4-Pentenal, 2-methyl- | 98 | C6H10O | 005187-71-3 | 38 |
| 3 | Heptane | 100 | C7H16 | 000142-82-5 | 37 |
| 4 | 3-Methyl-3-hexene | 98 | C7H14 | 003404-65-7 | 35 |
| 5 | 2-Pentene, 3-ethyl- | 98 | C7H14 | 000816-79-5 | 35 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061919\
Data File : VU032863.D
Acq On : 19 Jun 2019 17:17
Operator : JC/SP
Sample : K3413-18
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GALG6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

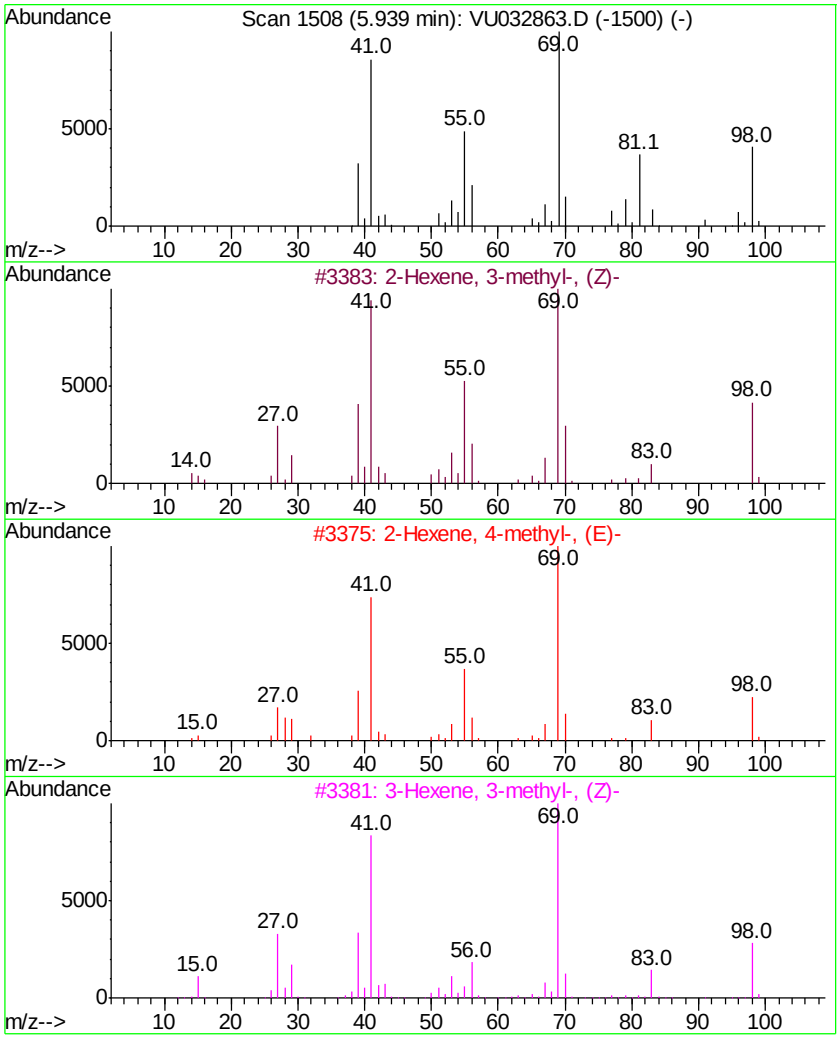
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

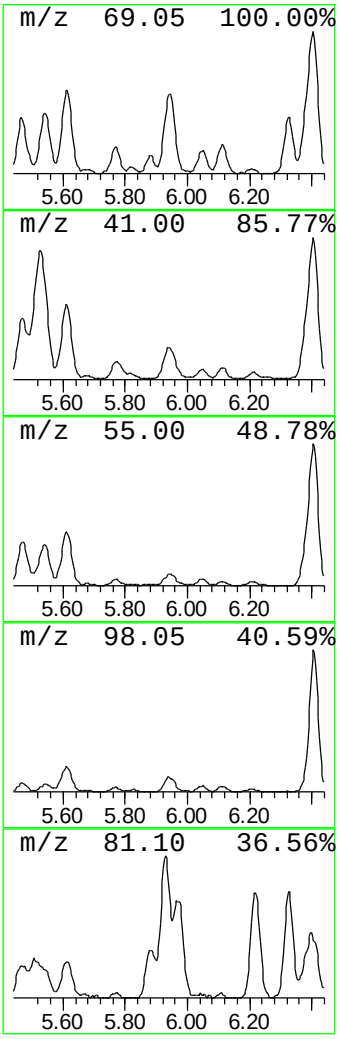
**********

Peak Number 31 (DEL) Alkane: Cyclic5.94 Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.94 | 2.85 ug/L | 135934 | 1,4-Difluorobenzene | 5.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Hexene, 3-methyl-, (Z)- | 98 | C7H14 | 010574-36-4 | 91 |
| 2 | 2-Hexene, 4-methyl-, (E)- | 98 | C7H14 | 003683-22-5 | 87 |
| 3 | 3-Hexene, 3-methyl-, (Z)- | 98 | C7H14 | 004914-89-0 | 87 |
| 4 | 3-Methyl-3-hexene | 98 | C7H14 | 003404-65-7 | 87 |
| 5 | 3-Hexene, 3-methyl-, (Z)- | 98 | C7H14 | 004914-89-0 | 87 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061919\
Data File : VU032863.D
Acq On : 19 Jun 2019 17:17
Operator : JC/SP
Sample : K3413-18
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GALG6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

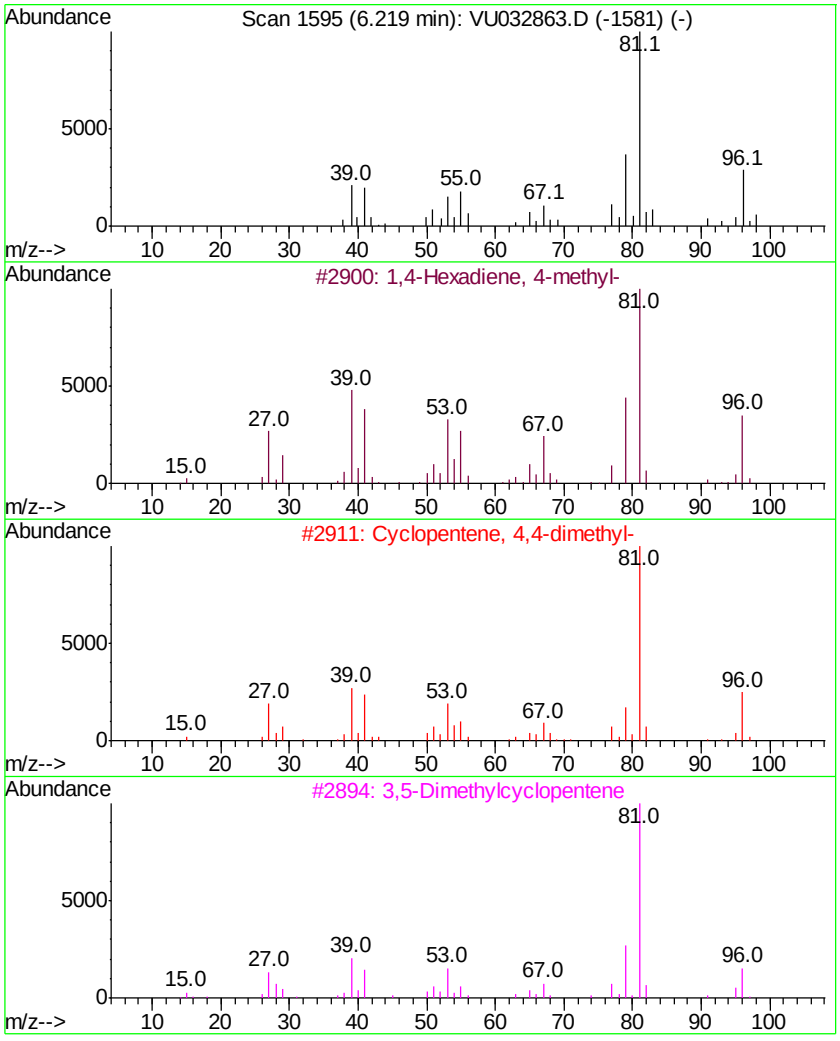
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

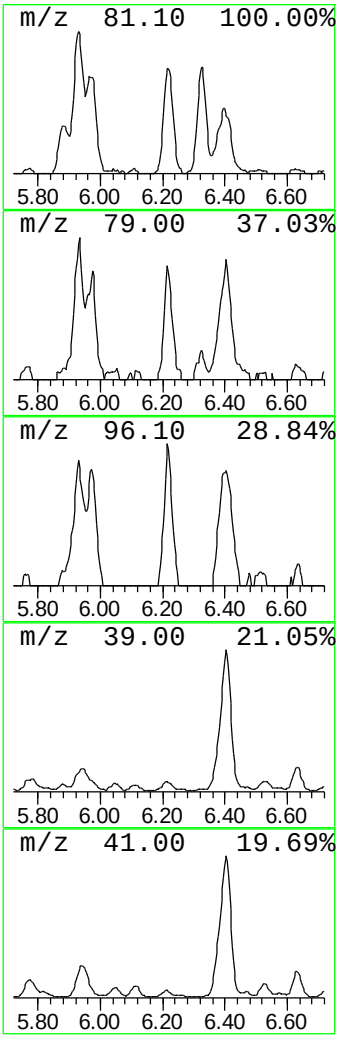
**********

Peak Number 32 1,4-Hexadiene, 4-methyl- Concentration Rank 44

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.22 | 0.87 ug/L | 41335 | 1,4-Difluorobenzene | 5.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,4-Hexadiene, 4-methyl- | 96 | C7H12 | 001116-90-1 | 80 |
| 2 | Cyclopentene, 4,4-dimethyl- | 96 | C7H12 | 019037-72-0 | 76 |
| 3 | 3,5-Dimethylcyclopentene | 96 | C7H12 | 007459-71-4 | 72 |
| 4 | Cyclohexene, 4-methyl- | 96 | C7H12 | 000591-47-9 | 58 |
| 5 | Cyclohexene, 1-methyl- | 96 | C7H12 | 000591-49-1 | 58 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061919\
Data File : VU032863.D
Acq On : 19 Jun 2019 17:17
Operator : JC/SP
Sample : K3413-18
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GALG6

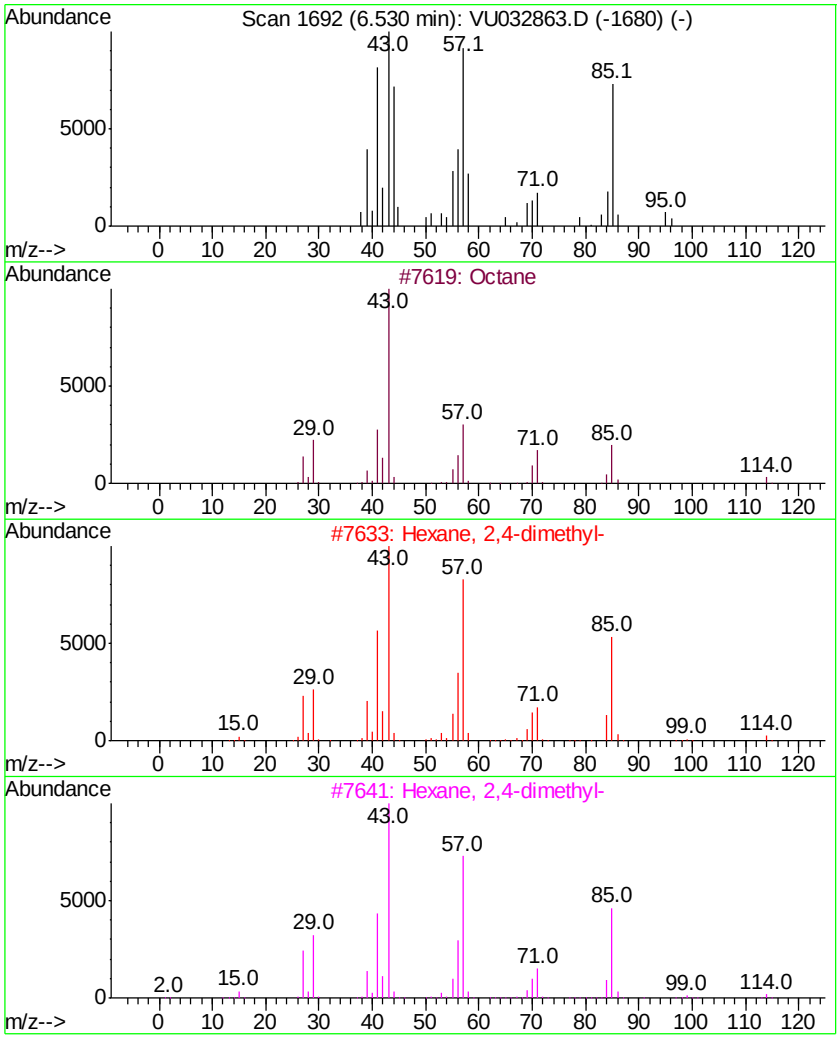
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

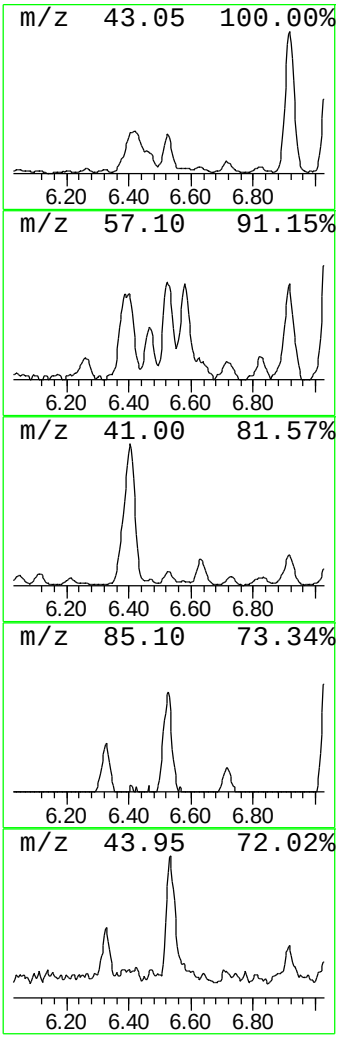
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 49

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.53 | 0.80 ug/L | 37968 | 1,4-Difluorobenzene | 5.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octane | 114 | C8H18 | 000111-65-9 | 50 |
| 2 | Hexane, 2,4-dimethyl- | 114 | C8H18 | 000589-43-5 | 50 |
| 3 | Hexane, 2,4-dimethyl- | 114 | C8H18 | 000589-43-5 | 47 |
| 4 | Carbonic acid, dihexyl ester | 230 | C13H26O3 | 007523-15-1 | 43 |
| 5 | 3,3'-Iminobispropylamine | 131 | C6H17N3 | 000056-18-8 | 38 |



# Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061919\
Data File : VU032863.D
Acq On : 19 Jun 2019 17:17
Operator : JC/SP
Sample : K3413-18
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GALG6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

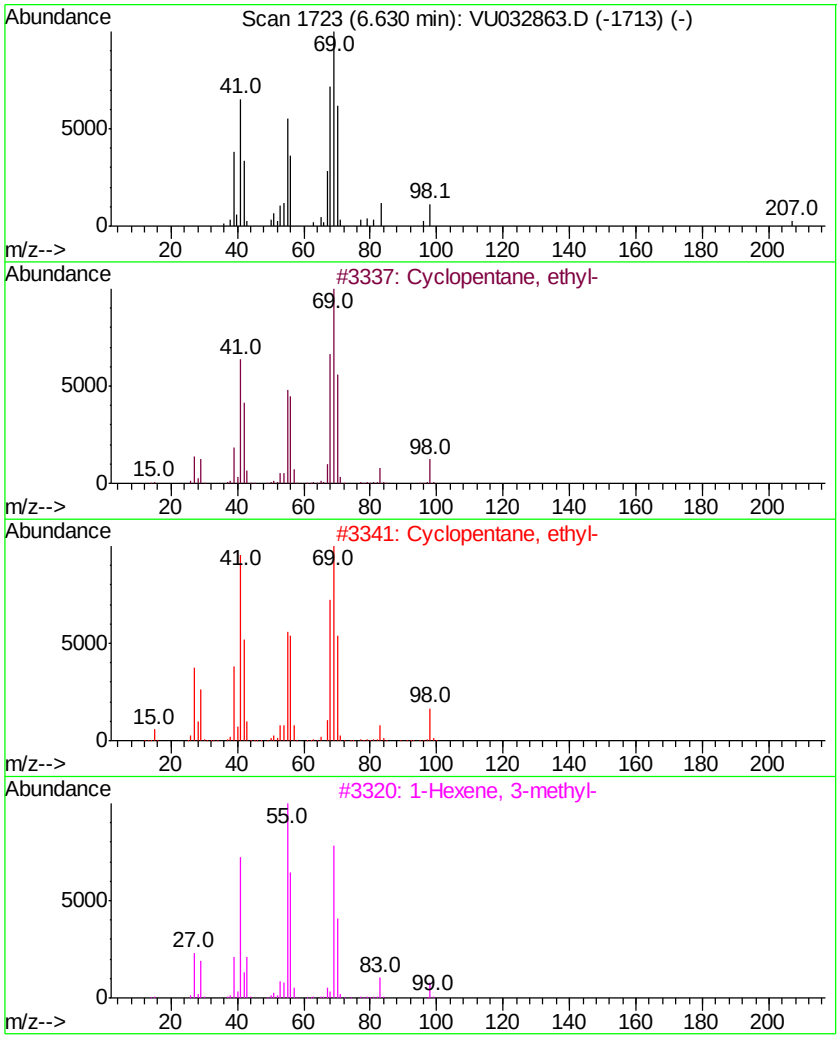
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

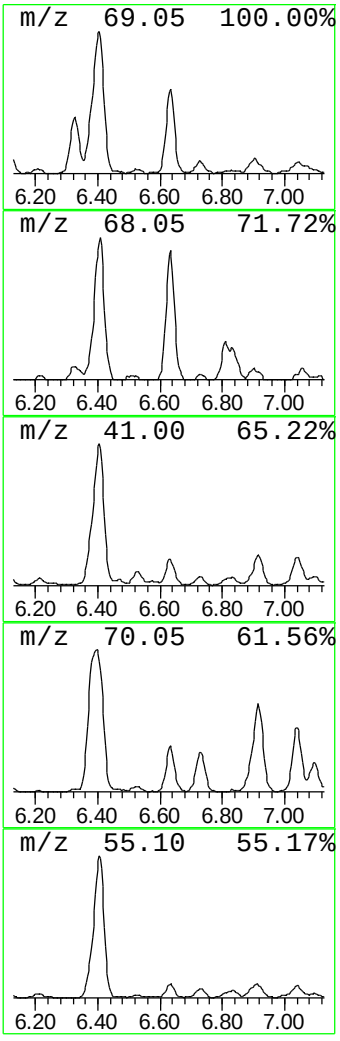
**********

Peak Number 34 (DEL) Alkane: Cyclic6.63 Concentration Rank 32

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.63 | 1.81 ug/L | 86620 | 1,4-Difluorobenzene | 5.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentane, ethyl- | 98 | C7H14 | 001640-89-7 | 81 |
| 2 | Cyclopentane, ethyl- | 98 | C7H14 | 001640-89-7 | 74 |
| 3 | 1-Hexene, 3-methyl- | 98 | C7H14 | 003404-61-3 | 46 |
| 4 | Cyclopropane, 1,1-diethyl- | 98 | C7H14 | 001003-19-6 | 46 |
| 5 | 3-Methyl-3-hexene | 98 | C7H14 | 003404-65-7 | 43 |



# Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061919\
Data File : VU032863.D
Acq On : 19 Jun 2019 17:17
Operator : JC/SP
Sample : K3413-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GALG6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

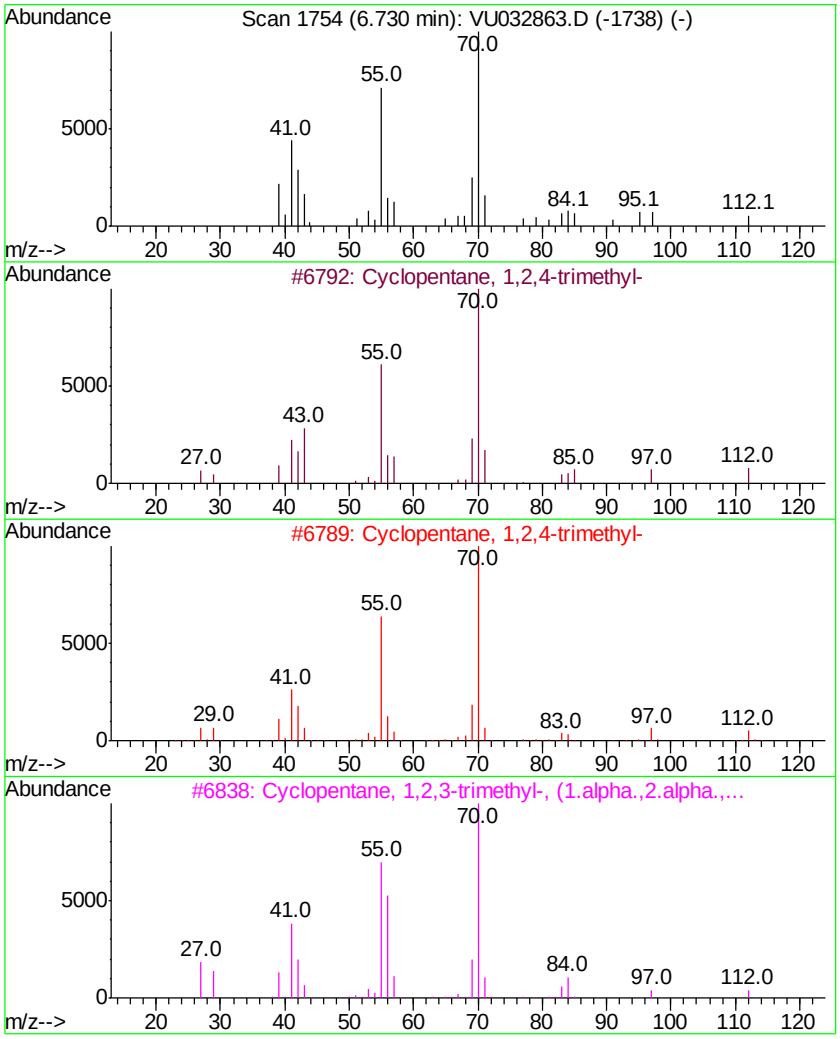
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

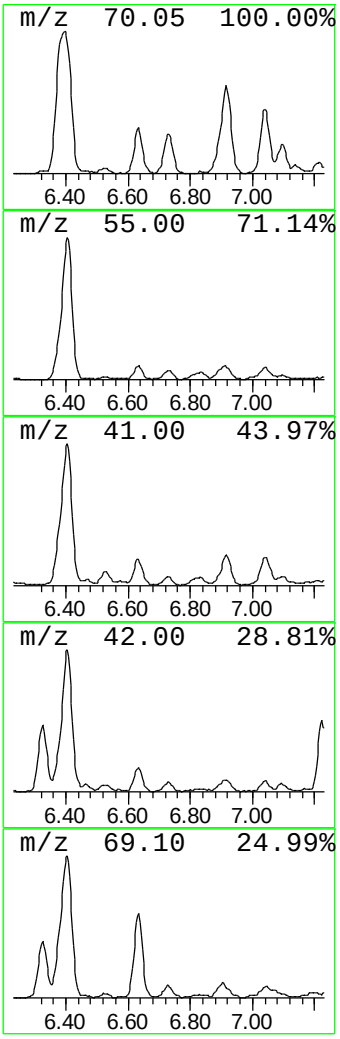
**********

Peak Number 35 (DEL) Alkane: Cyclic6.73 Concentration Rank 50

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.73 | 0.78 ug/L | 37470 | 1,4-Difluorobenzene | 5.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentane, 1,2,4-trimethyl- | 112 | C8H16 | 002815-58-9 | 90 |
| 2 | Cyclopentane, 1,2,4-trimethyl- | 112 | C8H16 | 002815-58-9 | 87 |
| 3 | Cyclopentane, 1,2,3-trimethyl-, ... | 112 | C8H16 | 002613-69-6 | 81 |
| 4 | Cyclopentane, 1,2,3-trimethyl-, ... | 112 | C8H16 | 002613-69-6 | 74 |
| 5 | Cyclopentane, 1,2,4-trimethyl-, ... | 112 | C8H16 | 004850-28-6 | 72 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061919\
Data File : VU032863.D
Acq On : 19 Jun 2019 17:17
Operator : JC/SP
Sample : K3413-18
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GALG6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

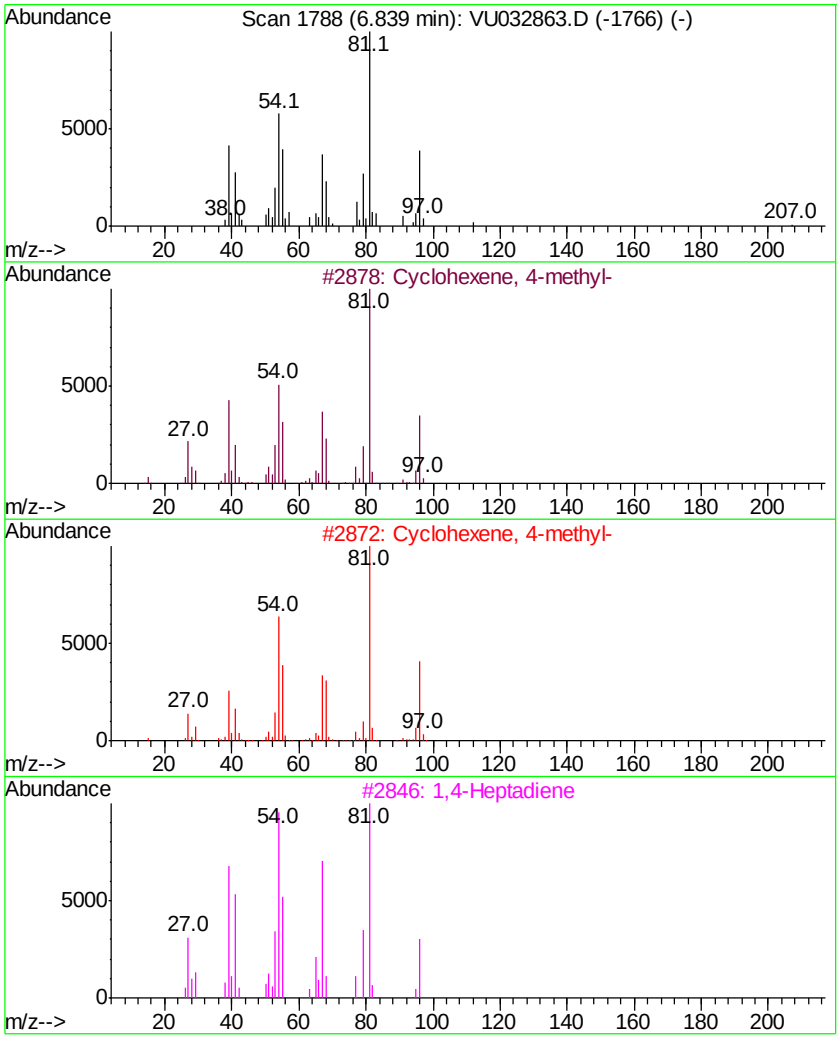
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

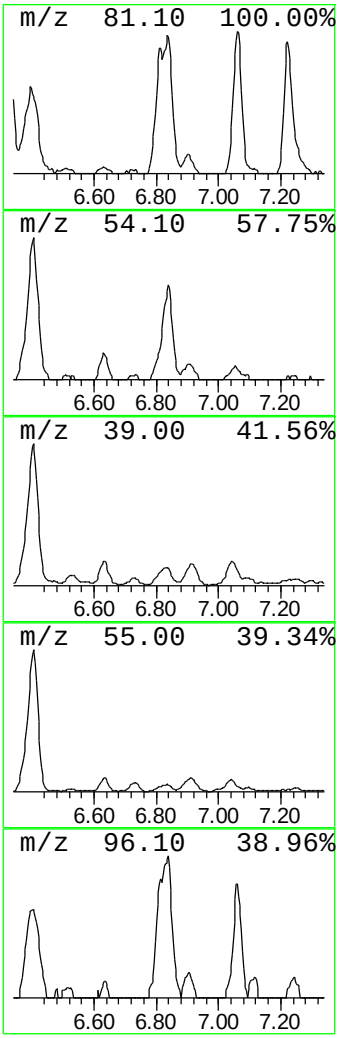
**********

Peak Number 36 Cyclohexene, 4-methyl- Concentration Rank 30

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.84 | 1.88 ug/L | 89991 | 1,4-Difluorobenzene | 5.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexene, 4-methyl- | 96 | C7H12 | 000591-47-9 | 97 |
| 2 | Cyclohexene, 4-methyl- | 96 | C7H12 | 000591-47-9 | 76 |
| 3 | 1,4-Heptadiene | 96 | C7H12 | 005675-22-9 | 74 |
| 4 | Cyclohexene, 1-methyl- | 96 | C7H12 | 000591-49-1 | 68 |
| 5 | 1,4-Hexadiene, 4-methyl- | 96 | C7H12 | 001116-90-1 | 64 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061919\
Data File : VU032863.D
Acq On : 19 Jun 2019 17:17
Operator : JC/SP
Sample : K3413-18
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GALG6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

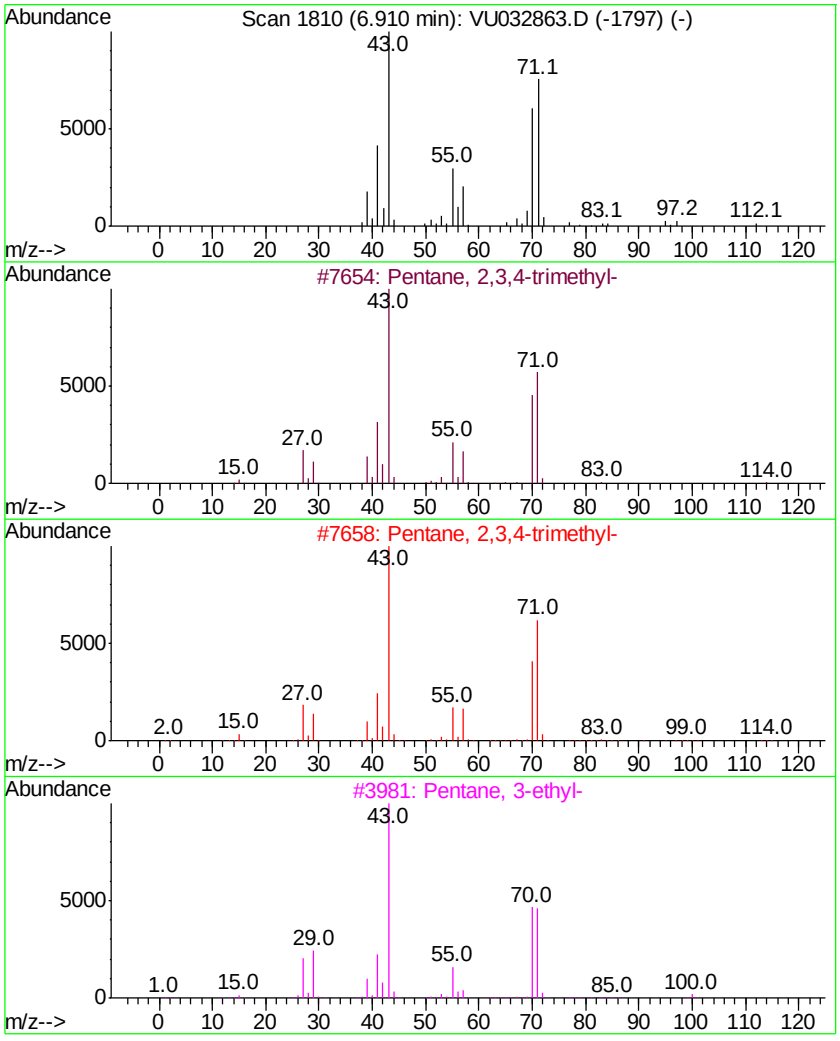
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

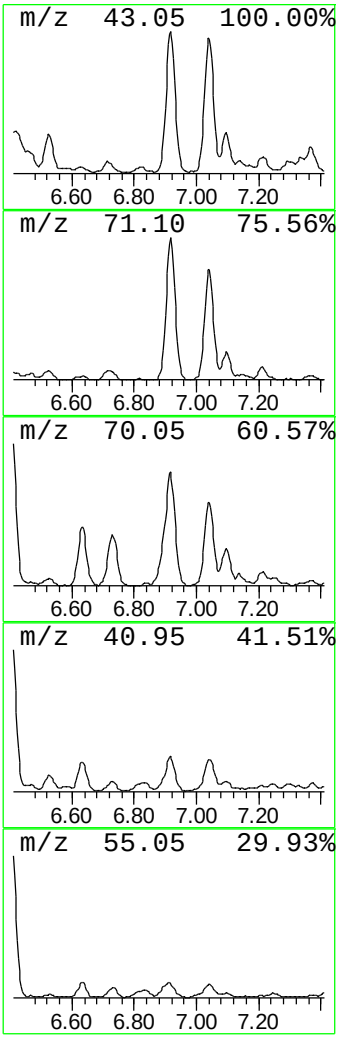
**********

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.91 | 2.98 ug/L | 142049 | 1,4-Difluorobenzene | 5.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentane, 2,3,4-trimethyl- | 114 | C8H18 | 000565-75-3 | 86 |
| 2 | Pentane, 2,3,4-trimethyl- | 114 | C8H18 | 000565-75-3 | 78 |
| 3 | Pentane, 3-ethyl- | 100 | C7H16 | 000617-78-7 | 78 |
| 4 | Pentane, 2,3,4-trimethyl- | 114 | C8H18 | 000565-75-3 | 64 |
| 5 | 2,4,4-Trimethyl-1-hexene | 126 | C9H18 | 051174-12-0 | 64 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061919\
Data File : VU032863.D
Acq On : 19 Jun 2019 17:17
Operator : JC/SP
Sample : K3413-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GALG6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

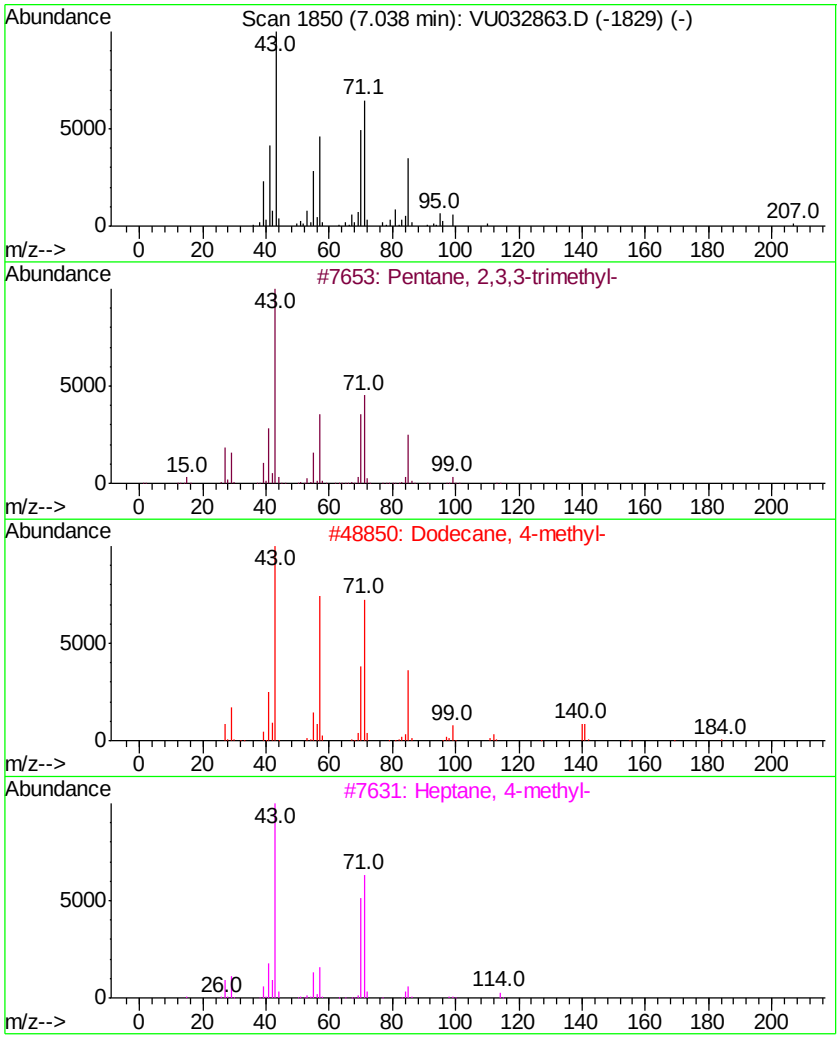
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

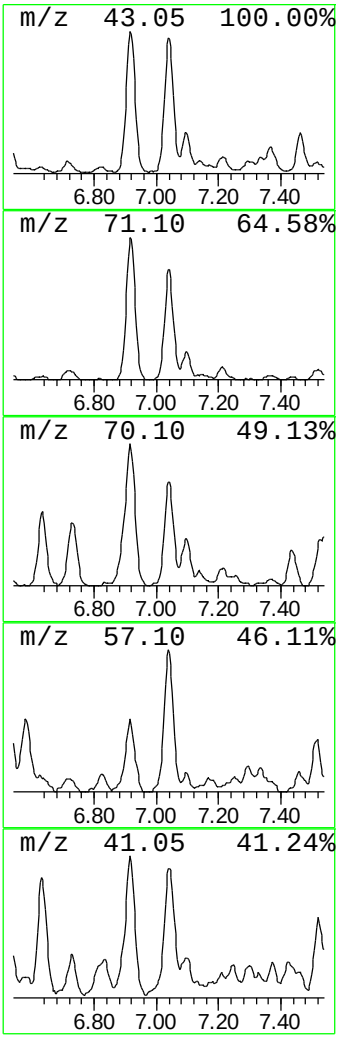
**********

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.04 | 3.41 ug/L | 162599 | 1,4-Difluorobenzene | 5.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentane, 2,3,3-trimethyl- | 114 | C8H18 | 000560-21-4 | 72 |
| 2 | Dodecane, 4-methyl- | 184 | C13H28 | 006117-97-1 | 59 |
| 3 | Heptane, 4-methyl- | 114 | C8H18 | 000589-53-7 | 53 |
| 4 | Hexane, 2,3,4-trimethyl- | 128 | C9H20 | 000921-47-1 | 53 |
| 5 | Hexane, 3-methyl- | 100 | C7H16 | 000589-34-4 | 53 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061919\
Data File : VU032863.D
Acq On : 19 Jun 2019 17:17
Operator : JC/SP
Sample : K3413-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GALG6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

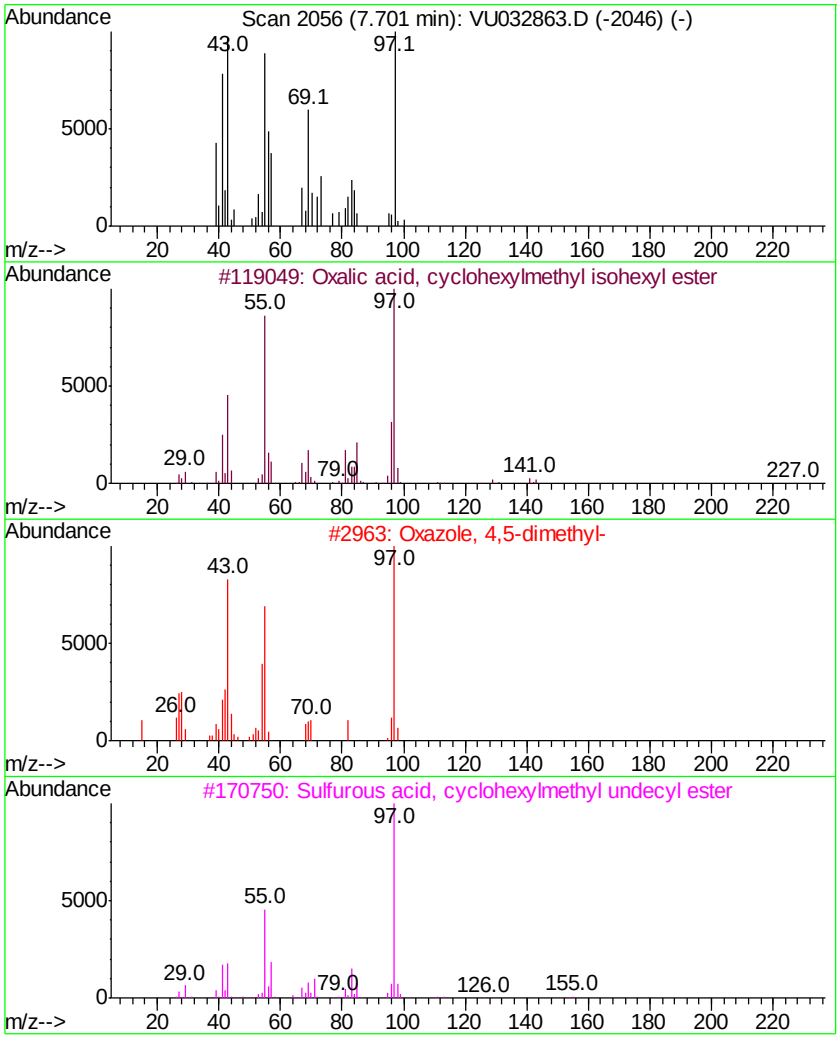
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

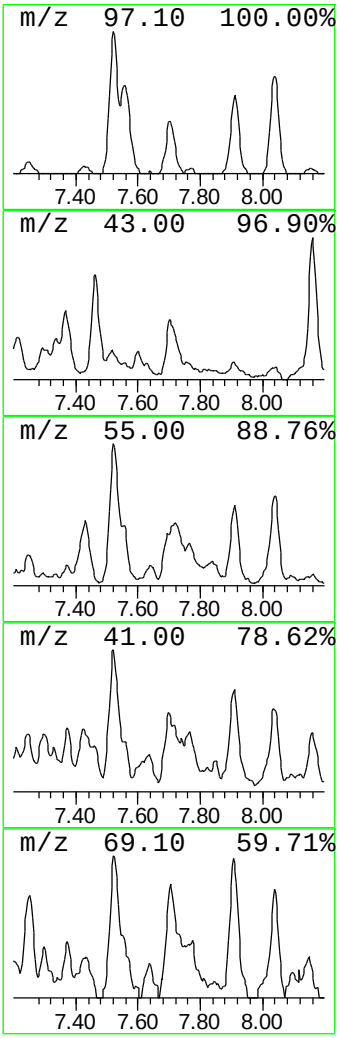
**********

Peak Number 40 unknown-02 Concentration Rank 46

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.70 | 0.85 ug/L | 51974 | Chlorobenzene-d5 | 9.08 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Oxalic acid, cyclohexylmethyl is... | 270 | C15H26O4 | 1000309-68-3 | 43 |
| 2 | Oxazole, 4,5-dimethyl- | 97 | C5H7NO | 020662-83-3 | 38 |
| 3 | Sulfurous acid, cyclohexylmethyl... | 332 | C18H36O3S | 1000309-21-9 | 38 |
| 4 | 2,5-Dimethyl-1-pyrroline | 97 | C6H11N | 000822-64-0 | 38 |
| 5 | 2-Pentene, 1-bromo-3,4-dimethyl- | 176 | C7H13Br | 000922-99-6 | 37 |



# Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061919\
Data File : VU032863.D
Acq On : 19 Jun 2019 17:17
Operator : JC/SP
Sample : K3413-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GALG6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

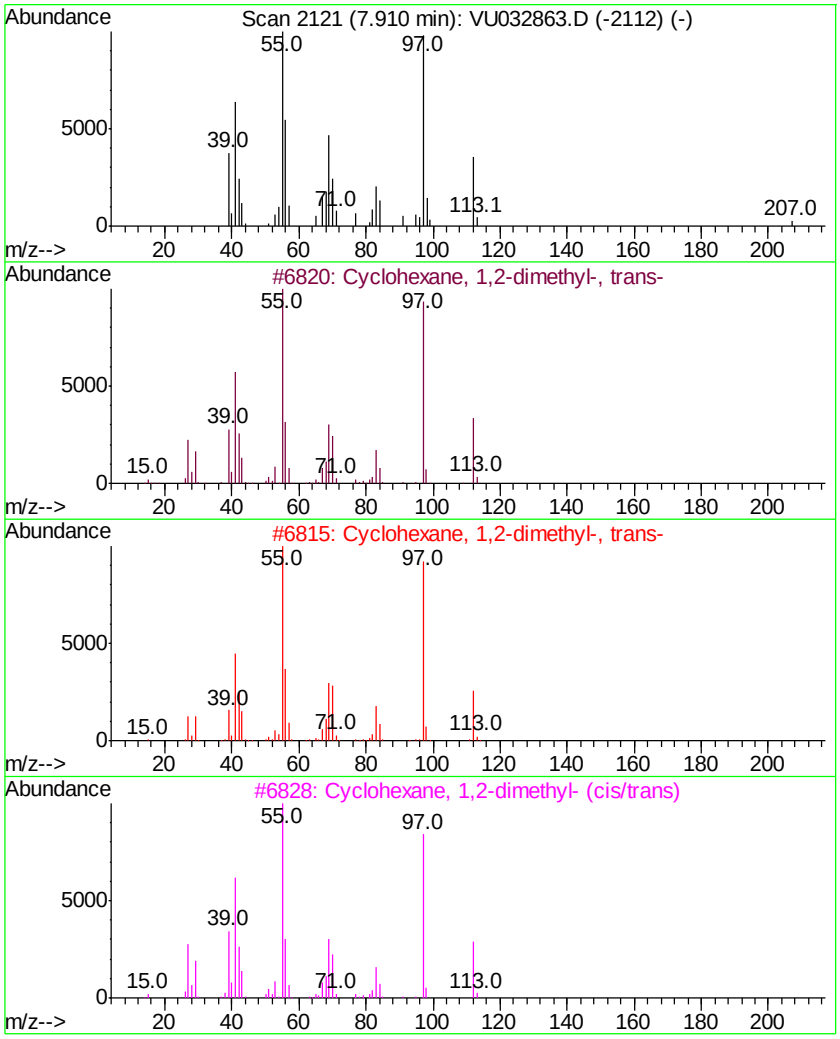
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

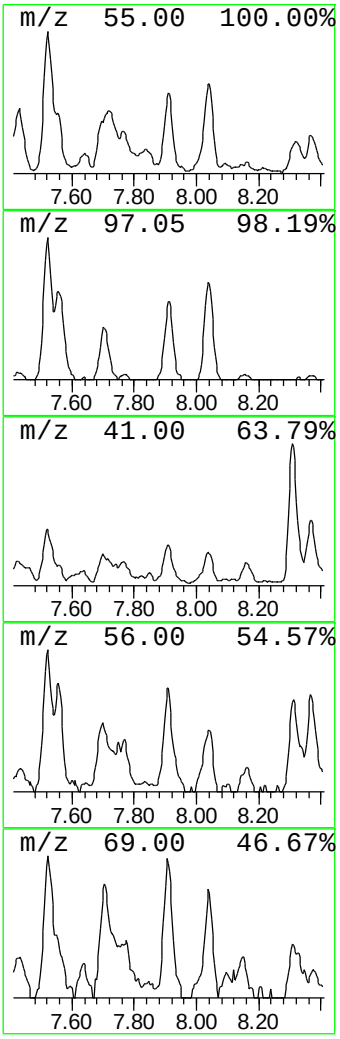
**********

Peak Number 41 (DEL) Alkane: Cyclic7.91 Concentration Rank 47

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.91 | 0.80 ug/L | 48965 | Chlorobenzene-d5 | 9.08 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1,2-dimethyl-, trans- | 112 | C8H16 | 006876-23-9 | 90 |
| 2 | Cyclohexane, 1,2-dimethyl-, trans- | 112 | C8H16 | 006876-23-9 | 90 |
| 3 | Cyclohexane, 1,2-dimethyl- (cis/... | 112 | C8H16 | 000583-57-3 | 90 |
| 4 | Cyclohexane, 1,2-dimethyl-, trans- | 112 | C8H16 | 006876-23-9 | 81 |
| 5 | Cyclohexane, 1,3-dimethyl-, trans- | 112 | C8H16 | 002207-03-6 | 72 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061919\
Data File : VU032863.D
Acq On : 19 Jun 2019 17:17
Operator : JC/SP
Sample : K3413-18
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GALG6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

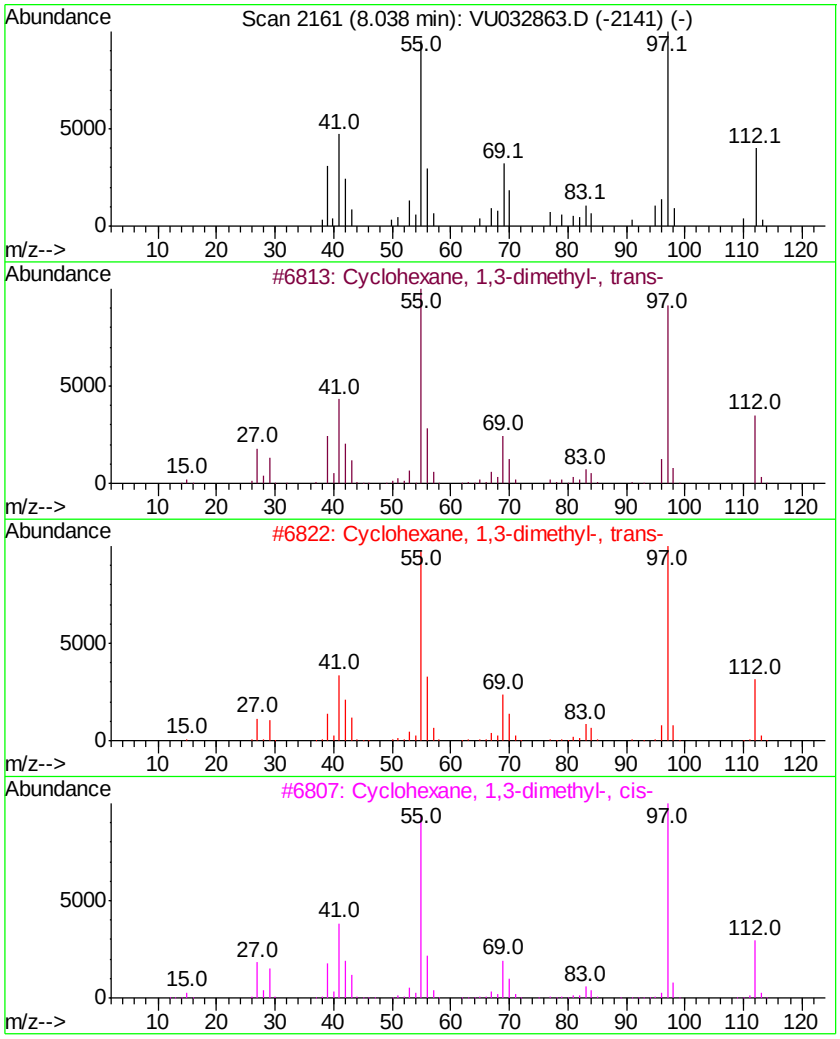
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

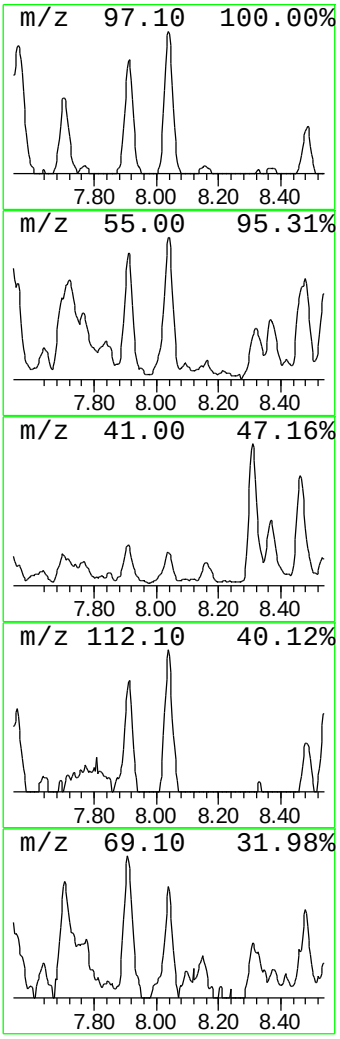
**********

Peak Number 42 (DEL) Alkane: Cyclic8.04 Concentration Rank 48

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.04 | 0.80 ug/L | 48442 | Chlorobenzene-d5 | 9.08 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1,3-dimethyl-, trans- | 112 | C8H16 | 002207-03-6 | 93 |
| 2 | Cyclohexane, 1,3-dimethyl-, trans- | 112 | C8H16 | 002207-03-6 | 93 |
| 3 | Cyclohexane, 1,3-dimethyl-, cis- | 112 | C8H16 | 000638-04-0 | 90 |
| 4 | Cyclohexane, 1,3-dimethyl-, trans- | 112 | C8H16 | 002207-03-6 | 90 |
| 5 | Cyclohexane, 1,3-dimethyl-, trans- | 112 | C8H16 | 002207-03-6 | 90 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061919\
Data File : VU032863.D
Acq On : 19 Jun 2019 17:17
Operator : JC/SP
Sample : K3413-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GALG6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

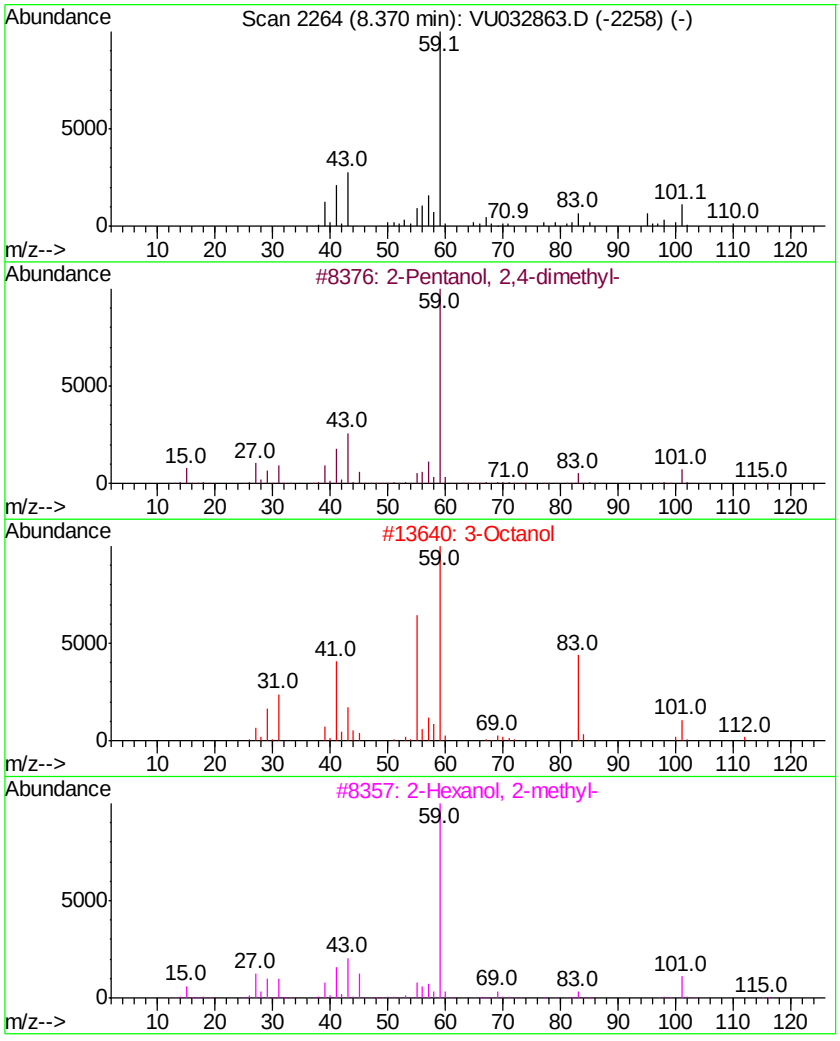
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

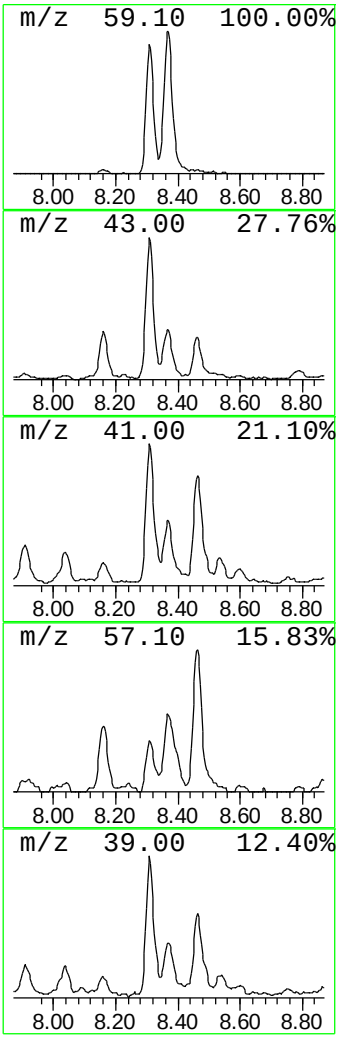
**********

Peak Number 43 2-Pentanol, 2,4-dimethyl- Concentration Rank 41

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.37 | 1.28 ug/L | 77649 | Chlorobenzene-d5 | 9.08 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanol, 2,4-dimethyl- | 116 | C7H16O | 000625-06-9 | 56 |
| 2 | 3-Octanol | 130 | C8H18O | 000589-98-0 | 40 |
| 3 | 2-Hexanol, 2-methyl- | 116 | C7H16O | 000625-23-0 | 40 |
| 4 | 2-Pentanol, 2,3-dimethyl- | 116 | C7H16O | 004911-70-0 | 39 |
| 5 | 2-Pentanol, 2,3-dimethyl- | 116 | C7H16O | 004911-70-0 | 38 |



# Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061919\
Data File : VU032863.D
Acq On : 19 Jun 2019 17:17
Operator : JC/SP
Sample : K3413-18
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GALG6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

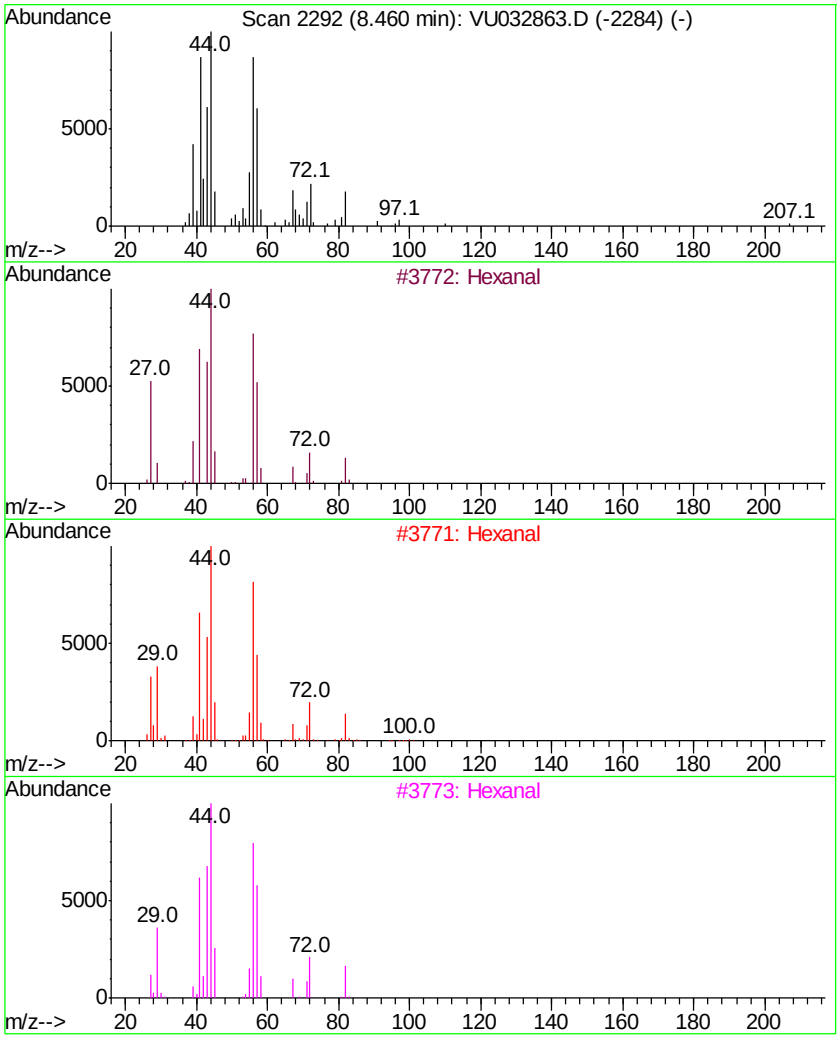
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

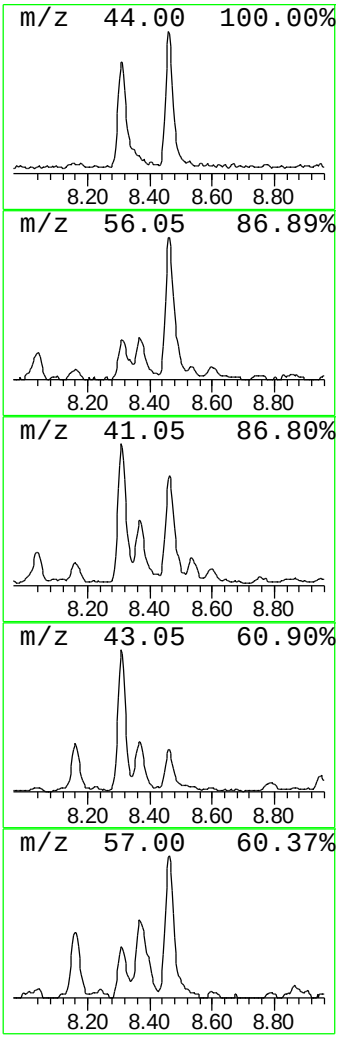
**********

Peak Number 44 Hexanal Concentration Rank 36

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.46 | 1.51 ug/L | 92136 | Chlorobenzene-d5 | 9.08 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexanal | 100 | C6H12O | 000066-25-1 | 59 |
| 2 | Hexanal | 100 | C6H12O | 000066-25-1 | 53 |
| 3 | Hexanal | 100 | C6H12O | 000066-25-1 | 50 |
| 4 | Hexanal | 100 | C6H12O | 000066-25-1 | 42 |
| 5 | 2-Thiophenecarboxylic acid, 5-(1... | 200 | C9H12O3S | 054889-42-8 | 38 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061919\
Data File : VU032863.D
Acq On : 19 Jun 2019 17:17
Operator : JC/SP
Sample : K3413-18
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GALG6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

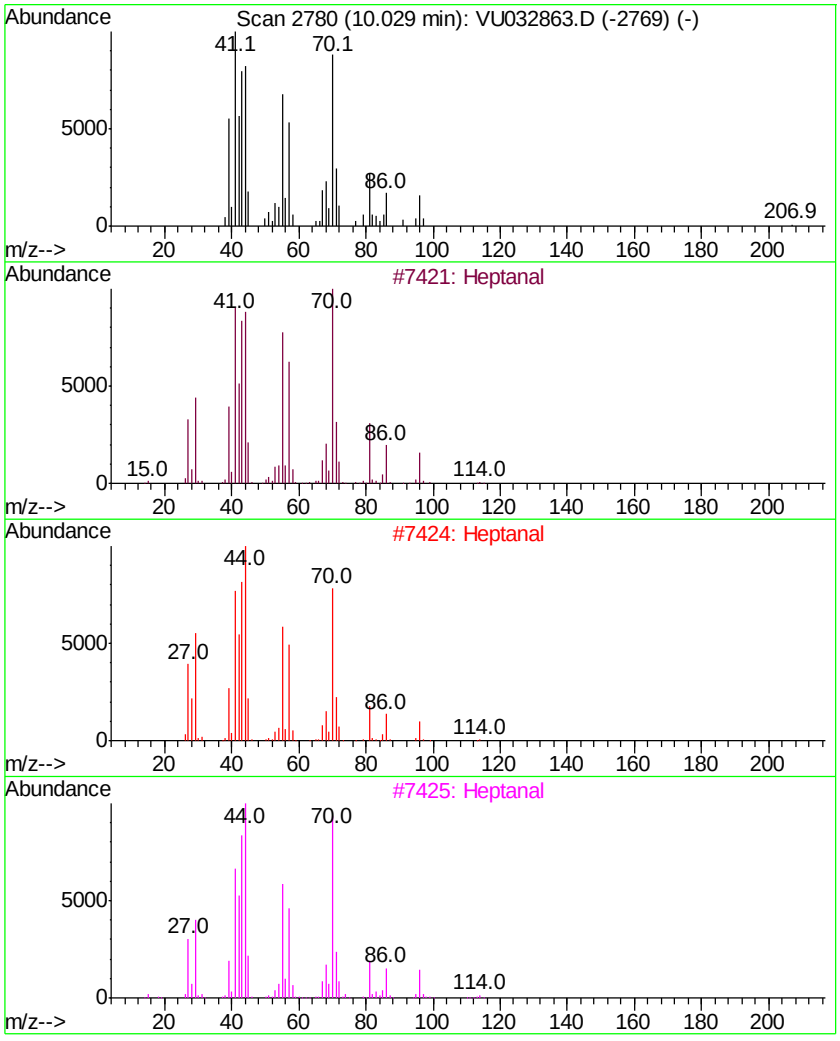
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

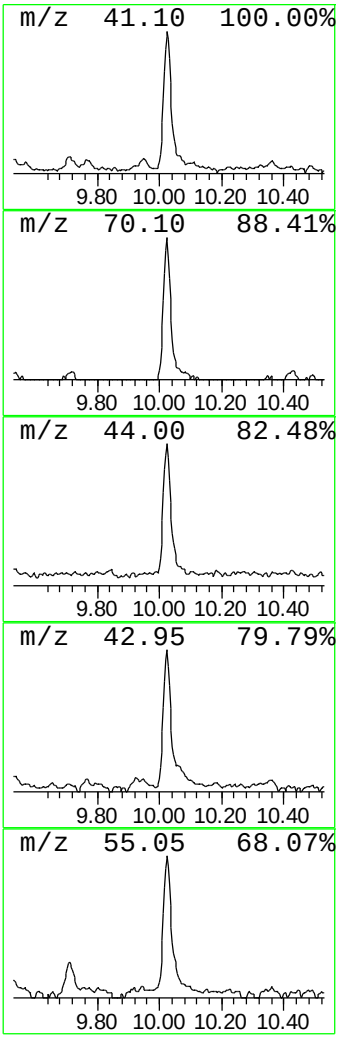
**********

Peak Number 45 Heptanal Concentration Rank 40

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.03 | 1.35 ug/L | 81827 | Chlorobenzene-d5 | 9.08 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptanal | 114 | C7H14O | 000111-71-7 | 86 |
| 2 | Heptanal | 114 | C7H14O | 000111-71-7 | 80 |
| 3 | Heptanal | 114 | C7H14O | 000111-71-7 | 80 |
| 4 | Heptanal | 114 | C7H14O | 000111-71-7 | 72 |
| 5 | Heptanal | 114 | C7H14O | 000111-71-7 | 72 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061919\
Data File : VU032863.D
Acq On : 19 Jun 2019 17:17
Operator : JC/SP
Sample : K3413-18
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GALG6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

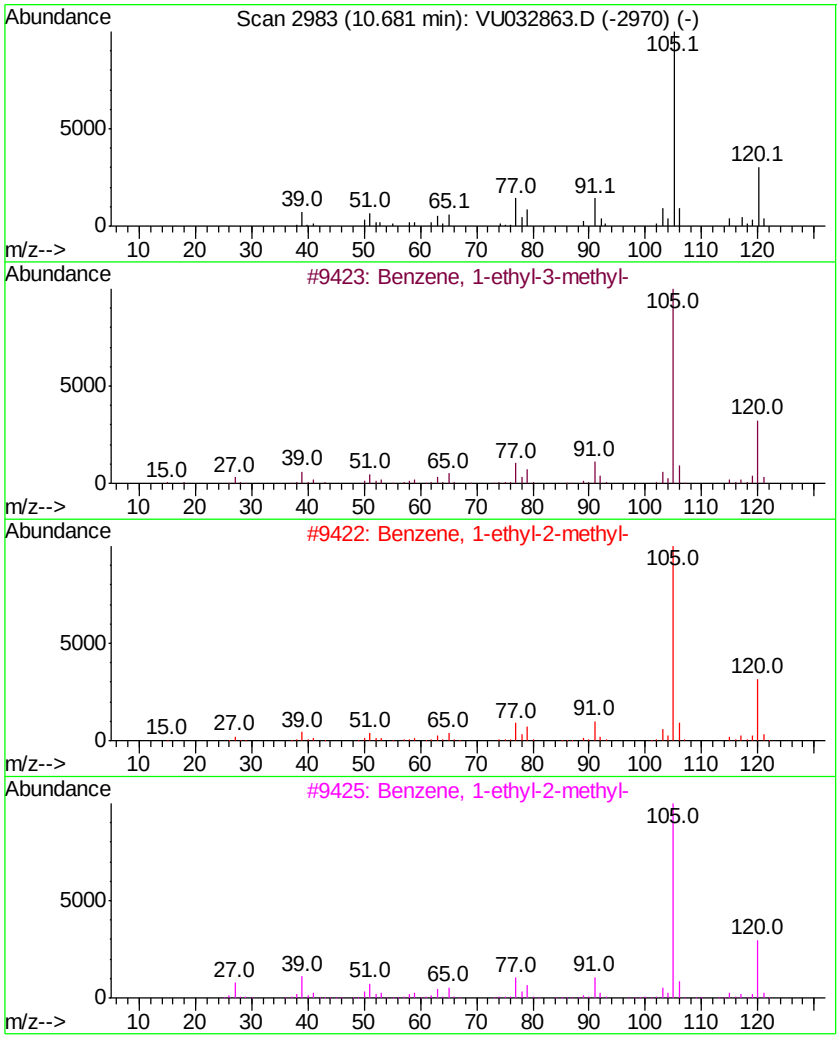
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

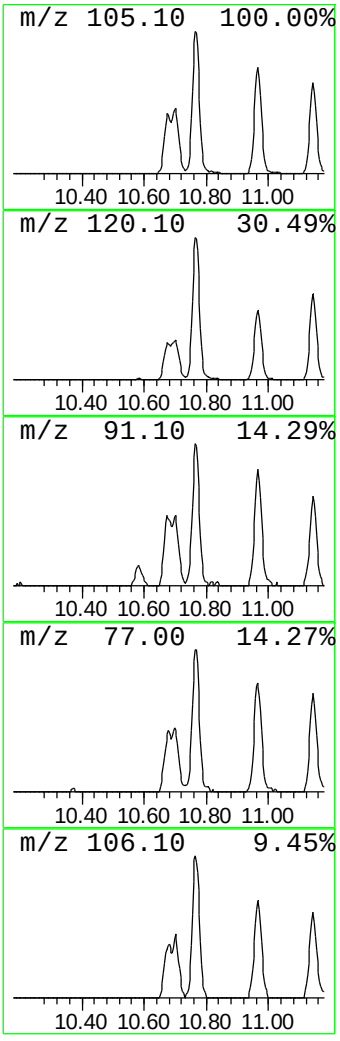
**********

Peak Number 46 Benzene, 1-ethyl-3-methyl- Concentration Rank 43

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.68 | 1.01 ug/L | 64508 | 1,4-Dichlorobenzene-d4 | 11.48 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 95 |
| 2 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 95 |
| 3 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 94 |
| 4 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 93 |
| 5 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 91 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061919\
Data File : VU032863.D
Acq On : 19 Jun 2019 17:17
Operator : JC/SP
Sample : K3413-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GALG6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

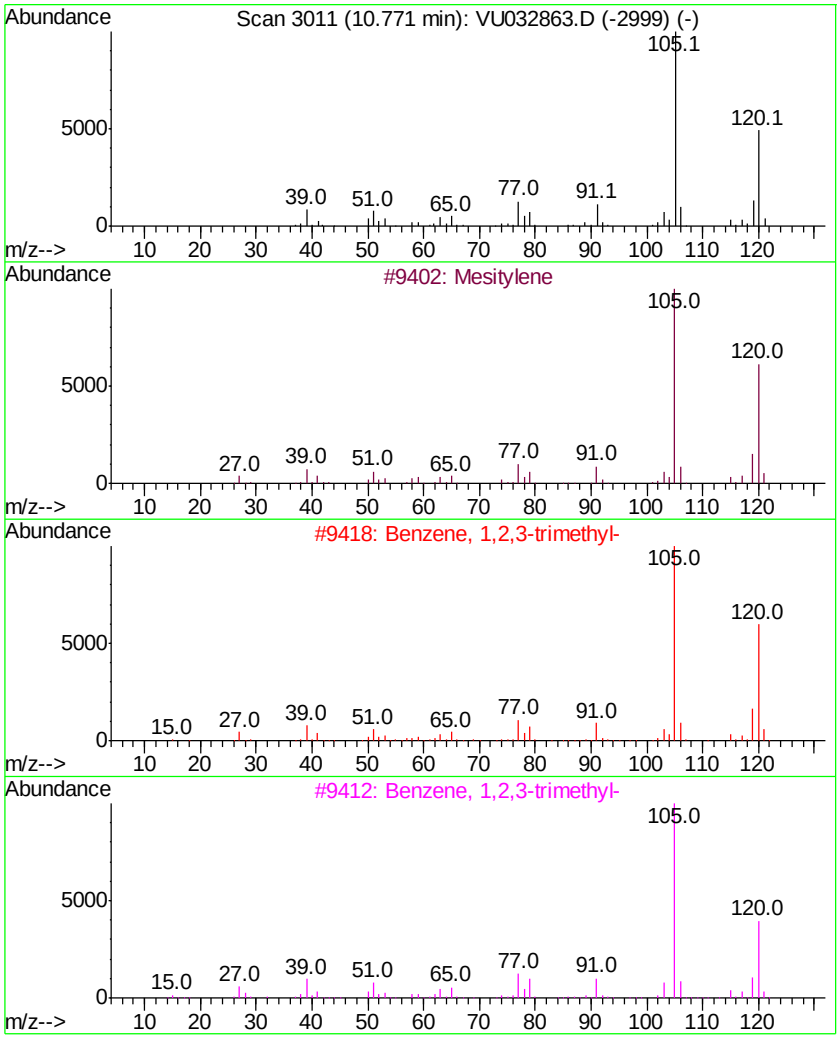
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

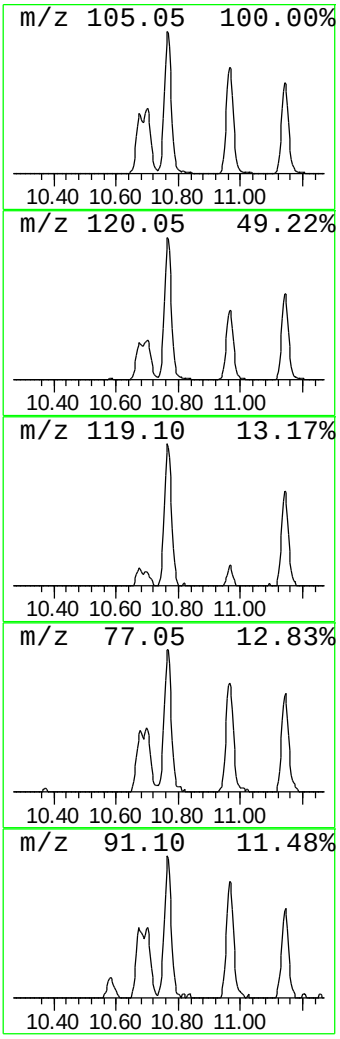
**********

Peak Number 47 Mesitylene Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.77 | 2.72 ug/L | 173565 | 1,4-Dichlorobenzene-d4 | 11.48 |

| 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, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 95 |
| 4 | Mesitylene | 120 | C9H12 | 000108-67-8 | 94 |
| 5 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 94 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061919\
Data File : VU032863.D
Acq On : 19 Jun 2019 17:17
Operator : JC/SP
Sample : K3413-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GALG6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

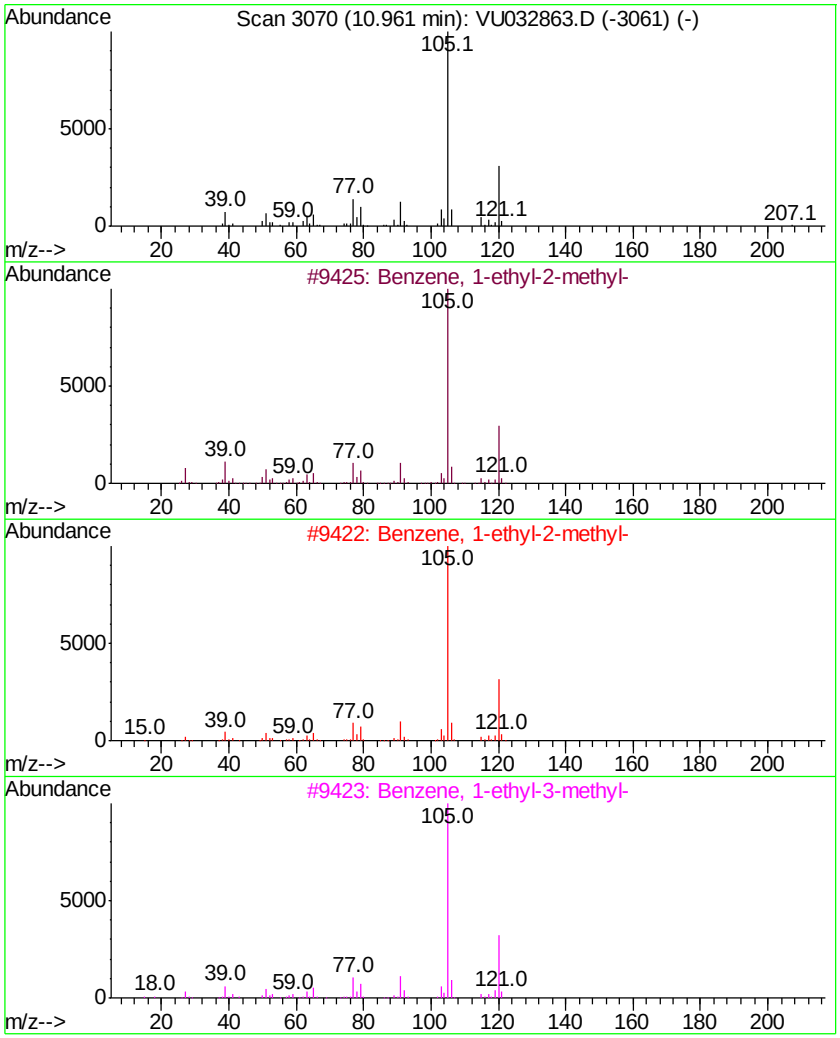
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

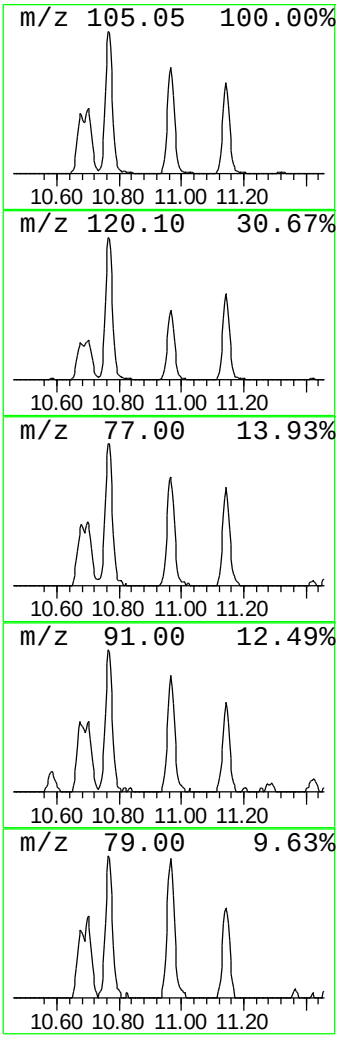
**********

Peak Number 48 Benzene, 1-ethyl-2-methyl- Concentration Rank 29

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.96 | 1.93 ug/L | 122811 | 1,4-Dichlorobenzene-d4 | 11.48 |

| 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-3-methyl- | 120 | C9H12 | 000620-14-4 | 91 |
| 4 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 91 |
| 5 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061919\
Data File : VU032863.D
Acq On : 19 Jun 2019 17:17
Operator : JC/SP
Sample : K3413-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GALG6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

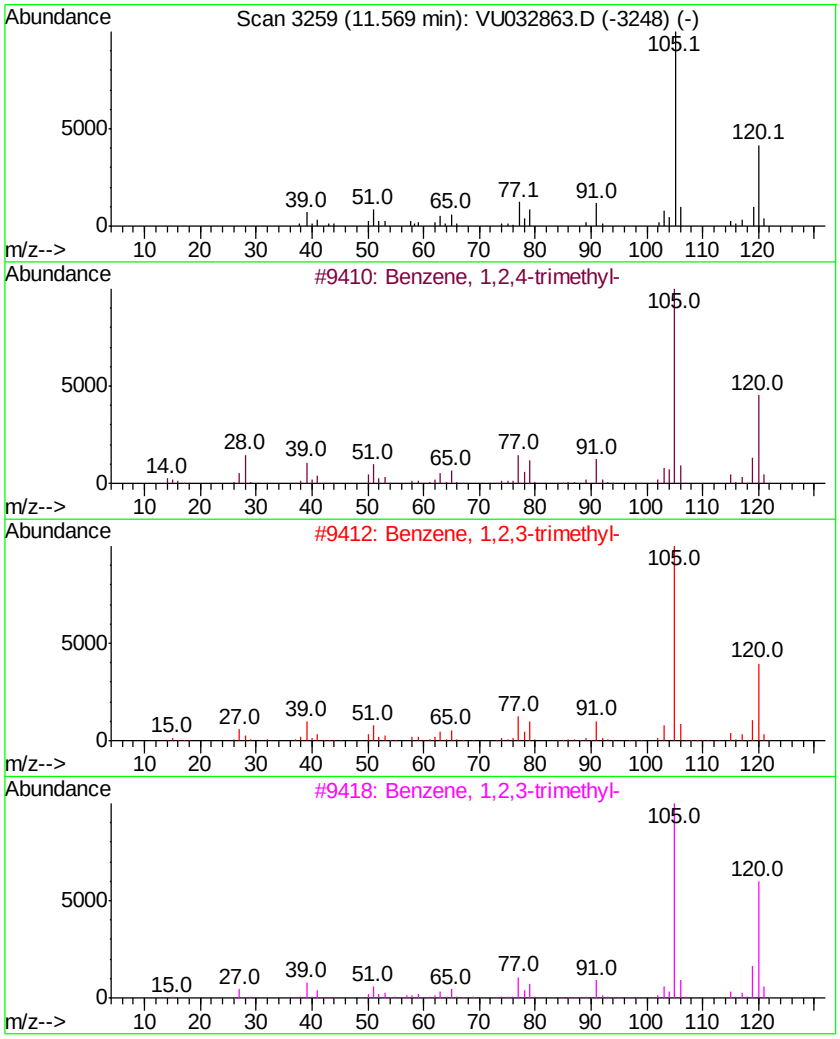
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

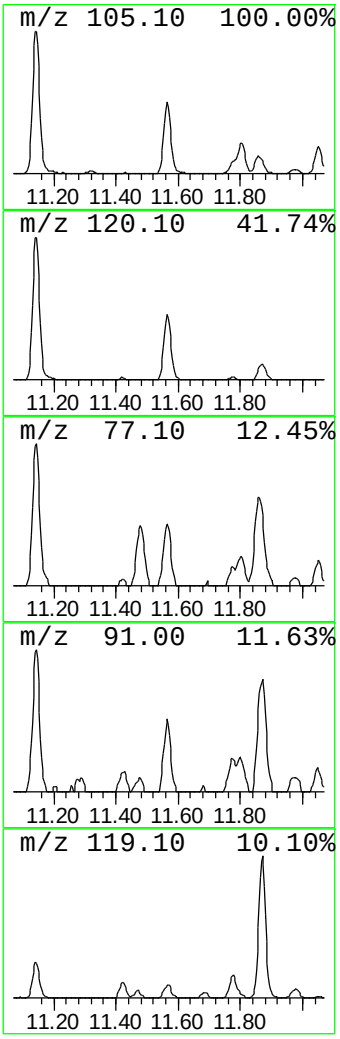
**********

Peak Number 50 Benzene, 1,2,4-trimethyl- Concentration Rank 45

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.57 | 0.86 ug/L | 55027 | 1,4-Dichlorobenzene-d4 | 11.48 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 97 |
| 2 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 95 |
| 3 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 94 |
| 4 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 93 |
| 5 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 91 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061919\
Data File : VU032863.D
Acq On : 19 Jun 2019 17:17
Operator : JC/SP
Sample : K3413-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GALG6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.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 |
| (DEL) Alkane: Str... | 1.30 | 1.2 | ug/L | 56022 | 1 | 5.88 | 238724 | 5.0 |
| (DEL) Alkane: Str... | 1.76 | 72.2 | ug/L | 3447640 | 1 | 5.88 | 238724 | 5.0 |
| (DEL) Alkane: Cyc... | 1.90 | 1.6 | ug/L | 74632 | 1 | 5.88 | 238724 | 5.0 |
| (DEL) Alkane: Str... | 1.95 | 25.2 | ug/L | 1202600 | 1 | 5.88 | 238724 | 5.0 |
| (DEL) Alkane: Cyc... | 2.05 | 7.8 | ug/L | 370214 | 1 | 5.88 | 238724 | 5.0 |
| (DEL) Alkane: Cyc... | 2.14 | 4.4 | ug/L | 212059 | 1 | 5.88 | 238724 | 5.0 |
| (DEL) Alkane: Cyc... | 2.18 | 16.3 | ug/L | 778828 | 1 | 5.88 | 238724 | 5.0 |
| (DEL) Alkane: Str... | 2.70 | 19.9 | ug/L | 949866 | 1 | 5.88 | 238724 | 5.0 |
| (DEL) Alkane: Str... | 2.73 | 26.4 | ug/L | 1260010 | 1 | 5.88 | 238724 | 5.0 |
| (DEL) Alkane: Cyc... | 2.78 | 25.9 | ug/L | 1238360 | 1 | 5.88 | 238724 | 5.0 |
| (DEL) Alkane: Str... | 2.98 | 23.3 | ug/L | 1113040 | 1 | 5.88 | 238724 | 5.0 |
| (DEL) Alkane: Cyc... | 3.18 | 2.3 | ug/L | 107855 | 1 | 5.88 | 238724 | 5.0 |
| (DEL) Alkane: Str... | 3.29 | 5.4 | ug/L | 259572 | 1 | 5.88 | 238724 | 5.0 |
| (DEL) Alkane: Str... | 3.41 | 1.5 | ug/L | 70868 | 1 | 5.88 | 238724 | 5.0 |
| (DEL) Alkane: Str... | 3.48 | 1.6 | ug/L | 75424 | 1 | 5.88 | 238724 | 5.0 |
| (DEL) Alkane: Cyc... | 3.54 | 4.0 | ug/L | 192514 | 1 | 5.88 | 238724 | 5.0 |
| (DEL) Alkane: Cyc... | 3.64 | 3.6 | ug/L | 169943 | 1 | 5.88 | 238724 | 5.0 |
| (DEL) Alkane: Cyc... | 3.72 | 4.4 | ug/L | 208475 | 1 | 5.88 | 238724 | 5.0 |
| Cyclopentene, 4-m... | 3.79 | 1.9 | ug/L | 89400 | 1 | 5.88 | 238724 | 5.0 |
| (DEL) Alkane: Cyc... | 3.87 | 4.2 | ug/L | 198263 | 1 | 5.88 | 238724 | 5.0 |
| (DEL) Alkane: Str... | 3.98 | 4.0 | ug/L | 188461 | 1 | 5.88 | 238724 | 5.0 |
| (DEL) Alkane: Cyc... | 4.08 | 43.2 | ug/L | 2063040 | 1 | 5.88 | 238724 | 5.0 |
| (DEL) Alkane: Cyc... | 4.72 | 1.4 | ug/L | 66730 | 1 | 5.88 | 238724 | 5.0 |
| Cyclopentene, 1-m... | 4.77 | 2.9 | ug/L | 138914 | 1 | 5.88 | 238724 | 5.0 |
| (DEL) Alkane: Str... | 5.07 | 12.3 | ug/L | 588574 | 1 | 5.88 | 238724 | 5.0 |
| (DEL) Alkane: Str... | 5.21 | 7.0 | ug/L | 332257 | 1 | 5.88 | 238724 | 5.0 |
| (DEL) Alkane: Cyc... | 5.47 | 5.2 | ug/L | 246426 | 1 | 5.88 | 238724 | 5.0 |
| (DEL) Alkane: Str... | 5.52 | 12.5 | ug/L | 596077 | 1 | 5.88 | 238724 | 5.0 |
| (DEL) Alkane: Cyc... | 5.61 | 5.6 | ug/L | 266441 | 1 | 5.88 | 238724 | 5.0 |
| unknown-01 | 5.77 | 1.5 | ug/L | 69150 | 1 | 5.88 | 238724 | 5.0 |
| (DEL) Alkane: Cyc... | 5.94 | 2.9 | ug/L | 135934 | 1 | 5.88 | 238724 | 5.0 |
| 1,4-Hexadiene, 4-... | 6.22 | 0.9 | ug/L | 41335 | 1 | 5.88 | 238724 | 5.0 |
| (DEL) Alkane: Str... | 6.53 | 0.8 | ug/L | 37968 | 1 | 5.88 | 238724 | 5.0 |
| (DEL) Alkane: Cyc... | 6.63 | 1.8 | ug/L | 86620 | 1 | 5.88 | 238724 | 5.0 |
| (DEL) Alkane: Cyc... | 6.73 | 0.8 | ug/L | 37470 | 1 | 5.88 | 238724 | 5.0 |
| Cyclohexene, 4-me... | 6.84 | 1.9 | ug/L | 89991 | 1 | 5.88 | 238724 | 5.0 |
| (DEL) Alkane: Str... | 6.91 | 3.0 | ug/L | 142049 | 1 | 5.88 | 238724 | 5.0 |
| (DEL) Alkane: Str... | 7.04 | 3.4 | ug/L | 162599 | 1 | 5.88 | 238724 | 5.0 |
| unknown-02 | 7.70 | 0.8 | ug/L | 51974 | 2 | 9.08 | 304170 | 5.0 |
| (DEL) Alkane: Cyc... | 7.91 | 0.8 | ug/L | 48965 | 2 | 9.08 | 304170 | 5.0 |
| (DEL) Alkane: Cyc... | 8.04 | 0.8 | ug/L | 48442 | 2 | 9.08 | 304170 | 5.0 |
| 2-Pentanol, 2,4-d... | 8.37 | 1.3 | ug/L | 77649 | 2 | 9.08 | 304170 | 5.0 |
| Hexanal | 8.46 | 1.5 | ug/L | 92136 | 2 | 9.08 | 304170 | 5.0 |
| Heptanal | 10.03 | 1.4 | ug/L | 81827 | 2 | 9.08 | 304170 | 5.0 |
| Benzene, 1-ethyl-... | 10.68 | 1.0 | ug/L | 64508 | 3 | 11.48 | 318512 | 5.0 |
| Mesitylene | 10.77 | 2.7 | ug/L | 173565 | 3 | 11.48 | 318512 | 5.0 |
| Benzene, 1-ethyl-... | 10.96 | 1.9 | ug/L | 122811 | 3 | 11.48 | 318512 | 5.0 |
| Benzene, 1,2,4-tr... | 11.57 | 0.9 | ug/L | 55027 | 3 | 11.48 | 318512 | 5.0 |