LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112320\
Data File : VN064792.D
Acq On : 23 Nov 2020 18:47
Operator : JC/MD
Sample : L4829-19 20X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :** MSVOA_N
**ClientSampleId :** MW-6

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_N\METHODS\82N112320W.M
Title : SW846 8260

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.779 | 309 | 323 | 339 | rVB | 68258 | 137369 | 4.44% | 0.742% |
| 2 | 3.110 | 410 | 426 | 448 | rVB5 | 37912 | 109466 | 3.54% | 0.592% |
| 3 | 3.521 | 540 | 554 | 571 | rVB2 | 42214 | 101319 | 3.27% | 0.548% |
| 4 | 4.380 | 801 | 821 | 836 | rBV5 | 13241 | 38945 | 1.26% | 0.210% |
| 5 | 4.541 | 836 | 871 | 876 | rBV2 | 28313 | 92294 | 2.98% | 0.499% |
| 6 | 4.997 | 991 | 1013 | 1039 | rBV3 | 28440 | 101052 | 3.27% | 0.546% |
| 7 | 5.518 | 1158 | 1175 | 1199 | rVB5 | 10860 | 34845 | 1.13% | 0.188% |
| 8 | 5.878 | 1269 | 1287 | 1305 | rVB4 | 12130 | 38506 | 1.24% | 0.208% |
| 9 | 6.319 | 1409 | 1424 | 1445 | rVB6 | 10859 | 32070 | 1.04% | 0.173% |
| 10 | 6.579 | 1485 | 1505 | 1522 | rBV4 | 36005 | 111252 | 3.60% | 0.601% |
| 11 | 7.344 | 1731 | 1743 | 1760 | rVB3 | 19072 | 45933 | 1.48% | 0.248% |
| 12 | 7.550 | 1788 | 1807 | 1817 | rBV2 | 110198 | 282454 | 9.13% | 1.526% |
| 13 | 7.624 | 1818 | 1830 | 1847 | rVV | 208974 | 529305 | 17.11% | 2.861% |
| 14 | 7.708 | 1847 | 1856 | 1872 | rVB7 | 12669 | 33246 | 1.07% | 0.180% |
| 15 | 7.836 | 1878 | 1896 | 1910 | rBV4 | 17663 | 45485 | 1.47% | 0.246% |
| 16 | 8.000 | 1926 | 1947 | 1969 | rBV3 | 638949 | 1607108 | 51.94% | 8.685% |
| 17 | 8.122 | 1970 | 1985 | 1994 | rVV10 | 20663 | 61579 | 1.99% | 0.333% |
| 18 | 8.200 | 1995 | 2009 | 2024 | rVB2 | 150919 | 361467 | 11.68% | 1.953% |
| 19 | 8.550 | 2102 | 2118 | 2140 | rBV | 334700 | 722147 | 23.34% | 3.903% |
| 20 | 9.045 | 2250 | 2272 | 2286 | rBV4 | 42301 | 115608 | 3.74% | 0.625% |
| 21 | 9.582 | 2428 | 2439 | 2447 | rBV4 | 20344 | 41566 | 1.34% | 0.225% |
| 22 | 9.936 | 2533 | 2549 | 2561 | rVB5 | 16816 | 45063 | 1.46% | 0.244% |
| 23 | 10.061 | 2574 | 2588 | 2598 | rBV | 508045 | 947386 | 30.62% | 5.120% |
| 24 | 10.126 | 2598 | 2608 | 2624 | rVB | 414295 | 756286 | 24.44% | 4.087% |
| 25 | 10.495 | 2711 | 2723 | 2737 | rVB5 | 15404 | 33680 | 1.09% | 0.182% |
| 26 | 11.380 | 2983 | 2998 | 3018 | rBV | 498834 | 874958 | 28.28% | 4.729% |
| 27 | 11.482 | 3018 | 3030 | 3048 | rVB | 603102 | 1012026 | 32.71% | 5.469% |
| 28 | 11.592 | 3048 | 3064 | 3085 | rBV | 1609106 | 3093892 | 100.00% | 16.720% |
| 29 | 11.920 | 3146 | 3166 | 3186 | rBV | 557082 | 921153 | 29.77% | 4.978% |
| 30 | 12.222 | 3247 | 3260 | 3270 | rBV2 | 36329 | 59259 | 1.92% | 0.320% |
| 31 | 12.376 | 3294 | 3308 | 3322 | rBV | 416216 | 691583 | 22.35% | 3.738% |
| 32 | 12.566 | 3356 | 3367 | 3376 | rBV | 50975 | 79871 | 2.58% | 0.432% |
| 33 | 12.630 | 3376 | 3387 | 3393 | rVV | 320200 | 533713 | 17.25% | 2.884% |
| 34 | 12.662 | 3393 | 3397 | 3404 | rVV | 188449 | 264538 | 8.55% | 1.430% |

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112320\
Data File : VN064792.D
Acq On : 23 Nov 2020 18:47
Operator : JC/MD
Sample : L4829-19 20X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :** MSVOA_N
**ClientSampleId :** MW-6

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_N\METHODS\82N112320W.M
Title : SW846 8260

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 12.707 | 3404 | 3411 | 3425 | rVB | 202088 | 314981 | 10.18% | 1.702% |
| 36 | 12.865 | 3443 | 3460 | 3477 | rBV | 185655 | 300719 | 9.72% | 1.625% |
| 37 | 13.013 | 3493 | 3506 | 3520 | rBV | 874432 | 1376668 | 44.50% | 7.440% |
| 38 | 13.318 | 3588 | 3601 | 3607 | rBV | 519882 | 896734 | 28.98% | 4.846% |
| 39 | 13.518 | 3642 | 3663 | 3670 | rBV | 221271 | 423179 | 13.68% | 2.287% |
| 40 | 13.560 | 3671 | 3676 | 3694 | rVB2 | 79095 | 132087 | 4.27% | 0.714% |
| 41 | 13.707 | 3710 | 3722 | 3733 | rVB2 | 29003 | 58875 | 1.90% | 0.318% |
| 42 | 13.778 | 3733 | 3744 | 3749 | rBV | 58159 | 96023 | 3.10% | 0.519% |
| 43 | 13.862 | 3761 | 3770 | 3780 | rVB | 89593 | 132991 | 4.30% | 0.719% |
| 44 | 13.968 | 3794 | 3803 | 3816 | rVB | 73809 | 118799 | 3.84% | 0.642% |
| 45 | 14.103 | 3834 | 3845 | 3856 | rBV2 | 21436 | 32308 | 1.04% | 0.175% |
| 46 | 14.183 | 3856 | 3870 | 3875 | rBV | 49737 | 76049 | 2.46% | 0.411% |
| 47 | 14.222 | 3875 | 3882 | 3891 | rVB | 70848 | 106407 | 3.44% | 0.575% |
| 48 | 14.450 | 3943 | 3953 | 3963 | rBV2 | 54627 | 85023 | 2.75% | 0.459% |
| 49 | 14.566 | 3976 | 3989 | 4001 | rBV2 | 88902 | 172891 | 5.59% | 0.934% |
| 50 | 14.823 | 4052 | 4069 | 4078 | rBV5 | 19522 | 52390 | 1.69% | 0.283% |
| 51 | 14.929 | 4090 | 4102 | 4113 | rVB5 | 17502 | 36234 | 1.17% | 0.196% |
| 52 | 15.103 | 4145 | 4156 | 4172 | rVB | 77456 | 134901 | 4.36% | 0.729% |

Sum of corrected areas: 18503683

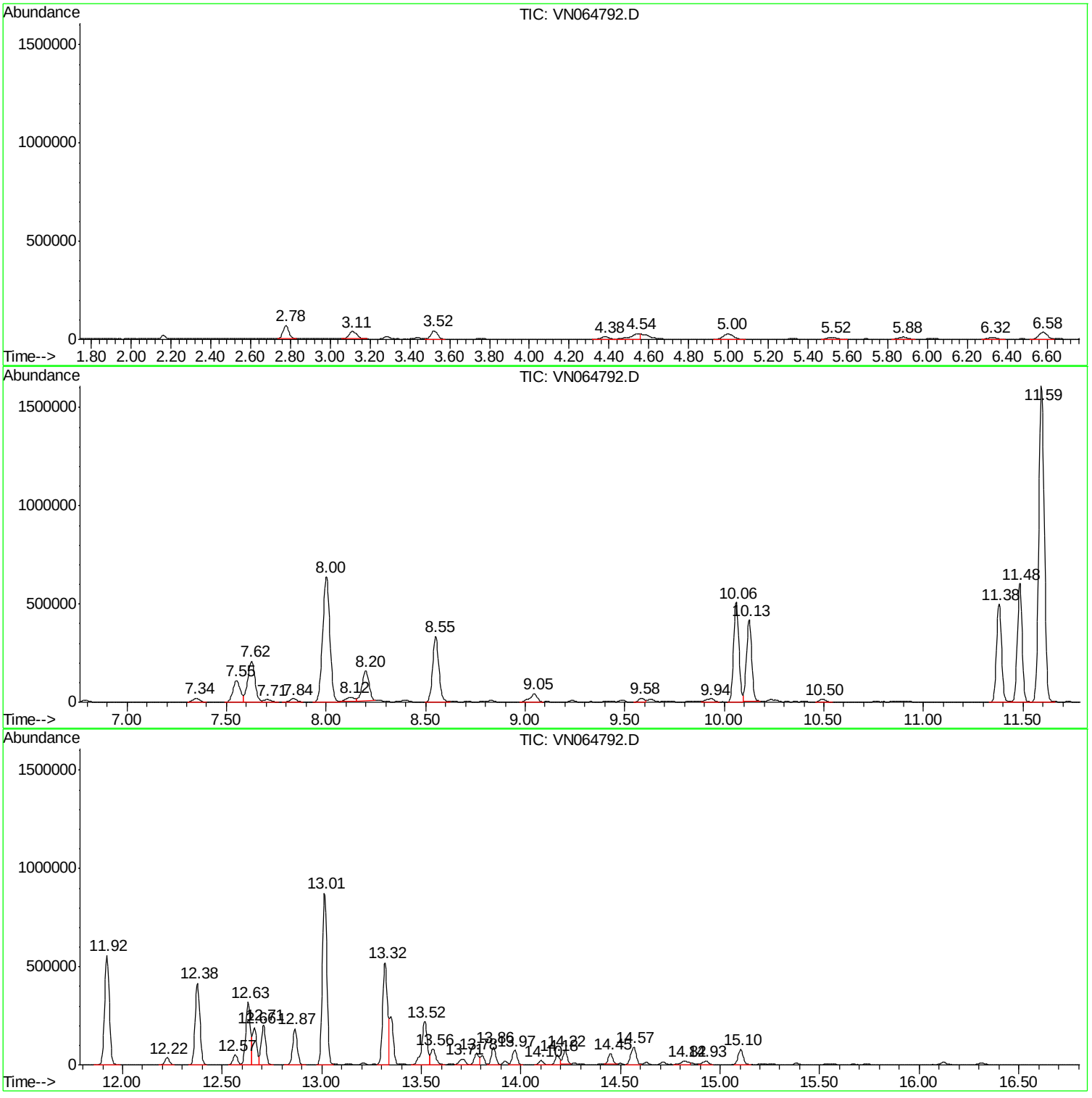
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112320\
Data File : VN064792.D
Acq On : 23 Nov 2020 18:47
Operator : JC/MD
Sample : L4829-19 20X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :** MSVOA_N
**ClientSampleId :** MW-6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260

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



# Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112320\
Data File : VN064792.D
Acq On : 23 Nov 2020 18:47
Operator : JC/MD
Sample : L4829-19 20X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :** MSVOA_N
**ClientSampleId :** MW-6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260

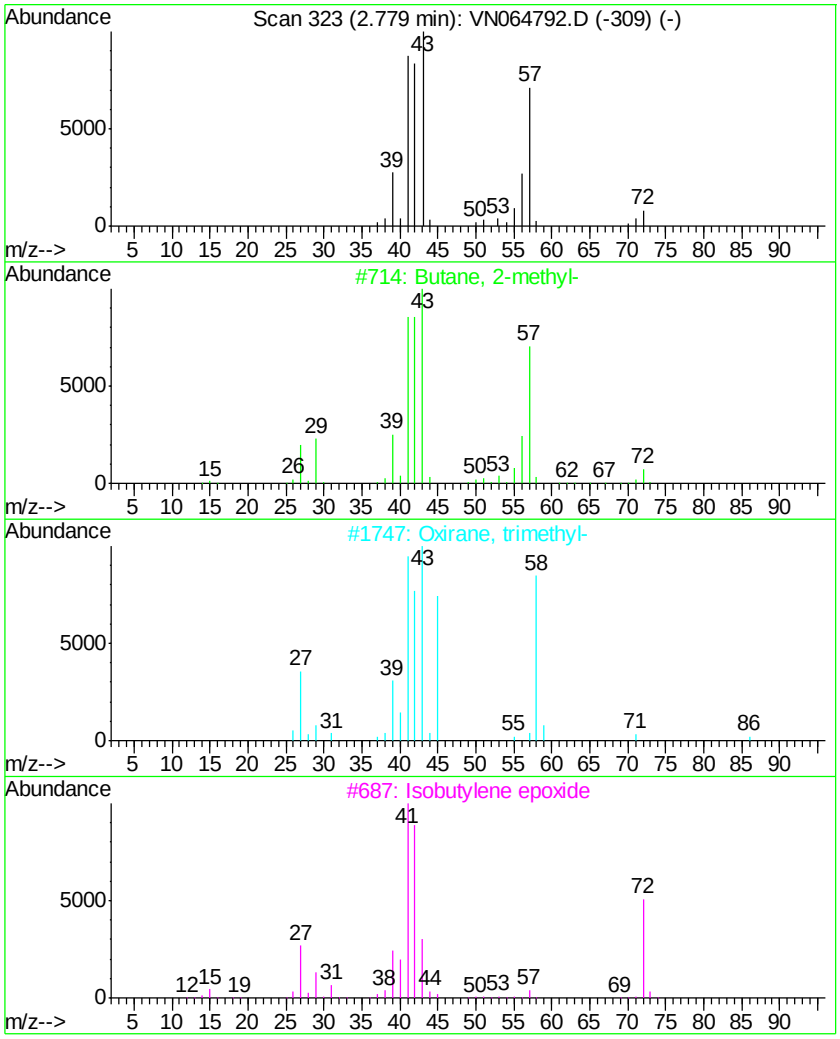
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

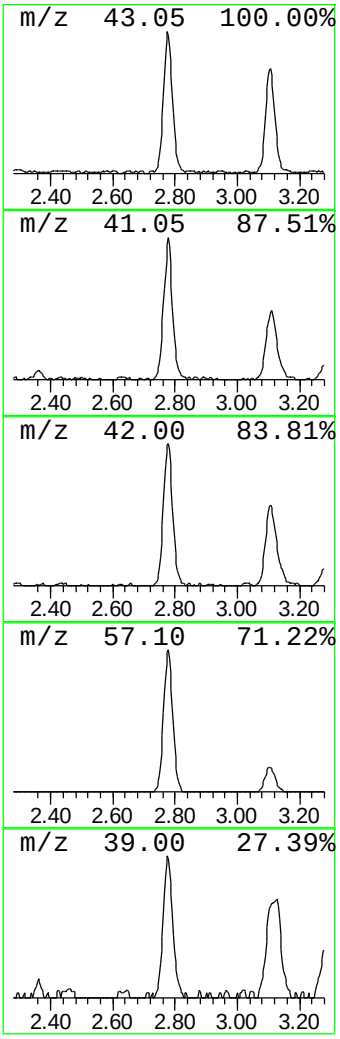
**********

Peak Number 1 Butane, 2-methyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.78 | 12.98 ug/l | 137369 | Pentafluorobenzene | 7.63 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methyl- | 72 | C5H12 | 000078-78-4 | 91 |
| 2 | Oxirane, trimethyl- | 86 | C5H10O | 005076-19-7 | 45 |
| 3 | Isobutylene epoxide | 72 | C4H8O | 000558-30-5 | 42 |
| 4 | Pentane | 72 | C5H12 | 000109-66-0 | 36 |
| 5 | 3-Buten-1-ol | 72 | C4H8O | 000627-27-0 | 28 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112320\
Data File : VN064792.D
Acq On : 23 Nov 2020 18:47
Operator : JC/MD
Sample : L4829-19 20X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :** MSVOA_N
**ClientSampleId :** MW-6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260

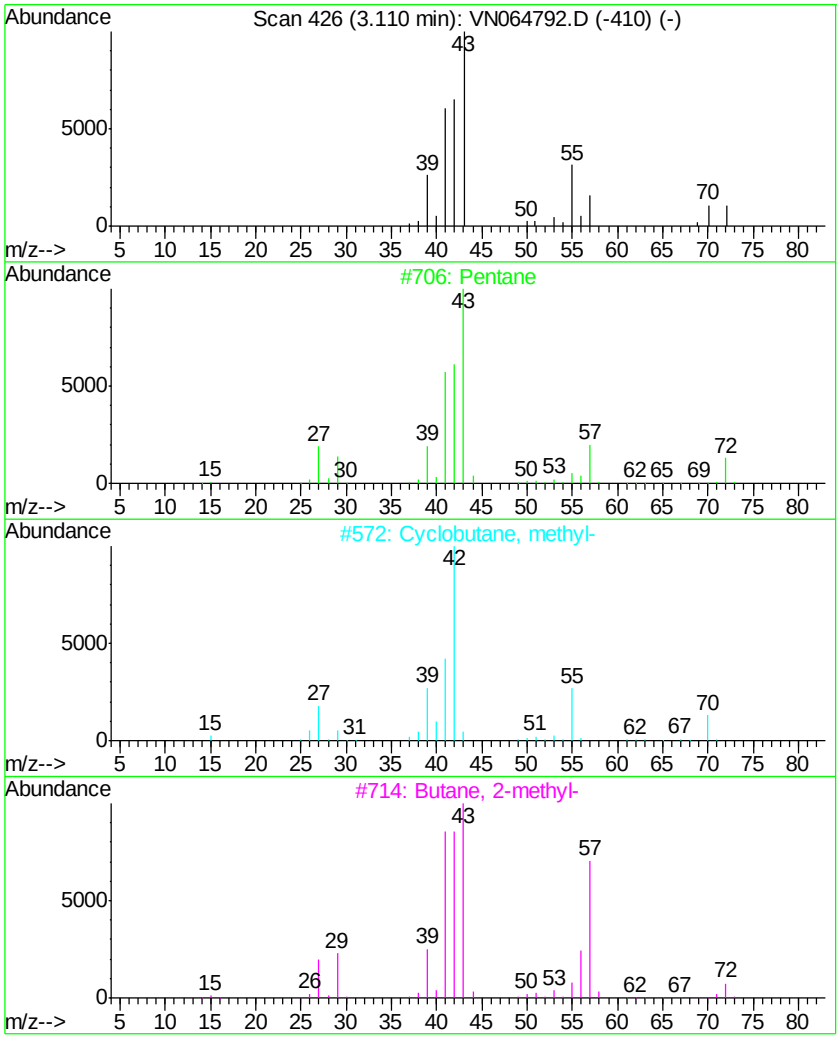
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

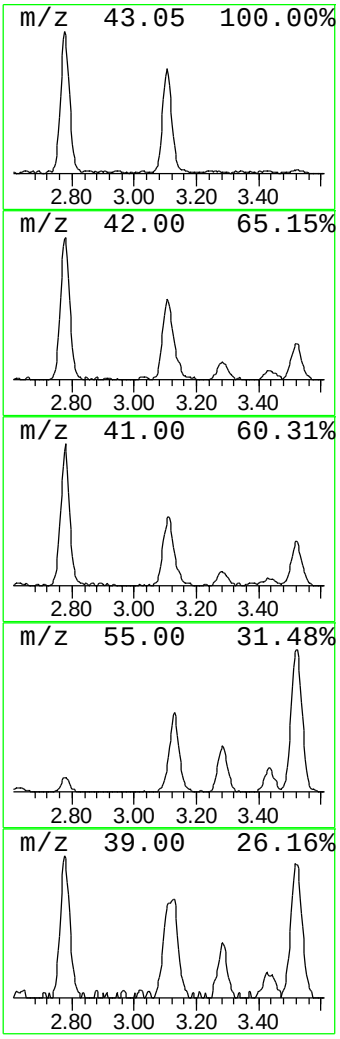
**********

Peak Number 2 Pentane Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.11 | 10.34 ug/l | 109466 | Pentafluorobenzene | 7.63 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentane | 72 | C5H12 | 000109-66-0 | 64 |
| 2 | Cyclobutane, methyl- | 70 | C5H10 | 000598-61-8 | 47 |
| 3 | Butane, 2-methyl- | 72 | C5H12 | 000078-78-4 | 45 |
| 4 | 1-Pentene | 70 | C5H10 | 000109-67-1 | 43 |
| 5 | Oxirane, ethyl- | 72 | C4H8O | 000106-88-7 | 38 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112320\
Data File : VN064792.D
Acq On : 23 Nov 2020 18:47
Operator : JC/MD
Sample : L4829-19 20X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :** MSVOA_N
**ClientSampleId :** MW-6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260

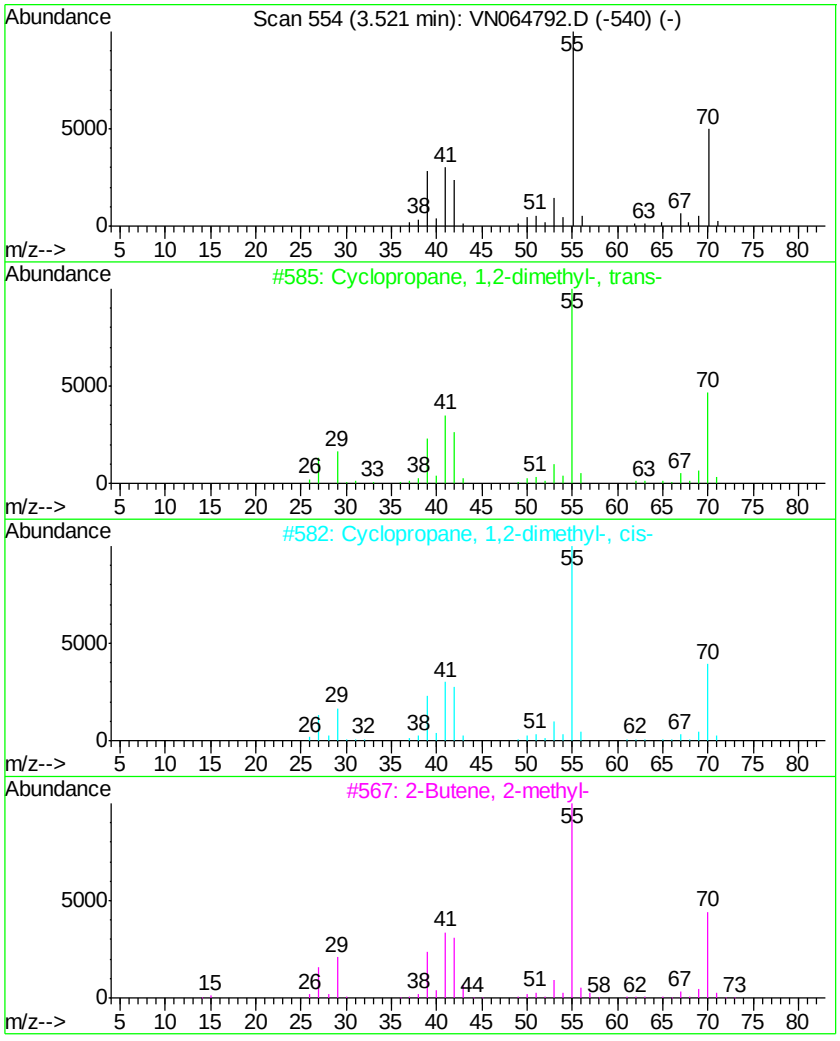
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

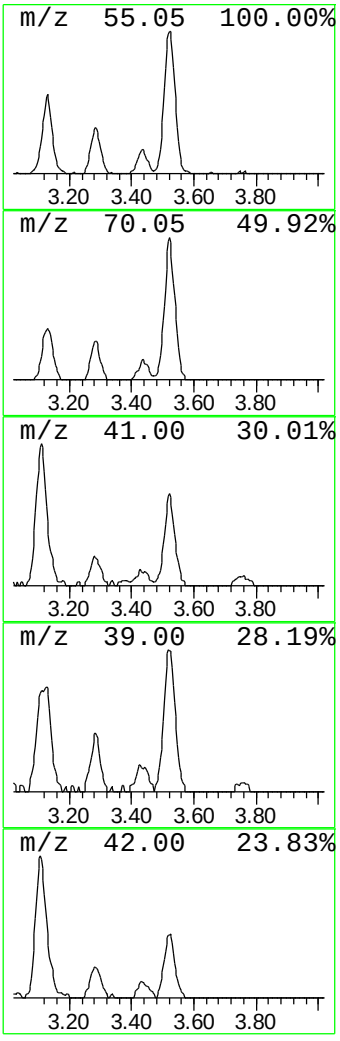
**********

Peak Number 3 Cyclopropane, 1,2-dimethyl-... Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.52 | 9.57 ug/l | 101319 | Pentafluorobenzene | 7.63 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopropane, 1,2-dimethyl-, trans- | 70 | C5H10 | 002402-06-4 | 91 |
| 2 | Cyclopropane, 1,2-dimethyl-, cis- | 70 | C5H10 | 000930-18-7 | 90 |
| 3 | 2-Butene, 2-methyl- | 70 | C5H10 | 000513-35-9 | 90 |
| 4 | 2-Pentene, (E)- | 70 | C5H10 | 000646-04-8 | 87 |
| 5 | Cyclopropane, 1,1-dimethyl- | 70 | C5H10 | 001630-94-0 | 87 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112320\
Data File : VN064792.D
Acq On : 23 Nov 2020 18:47
Operator : JC/MD
Sample : L4829-19 20X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :** MSVOA_N
**ClientSampleId :** MW-6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260

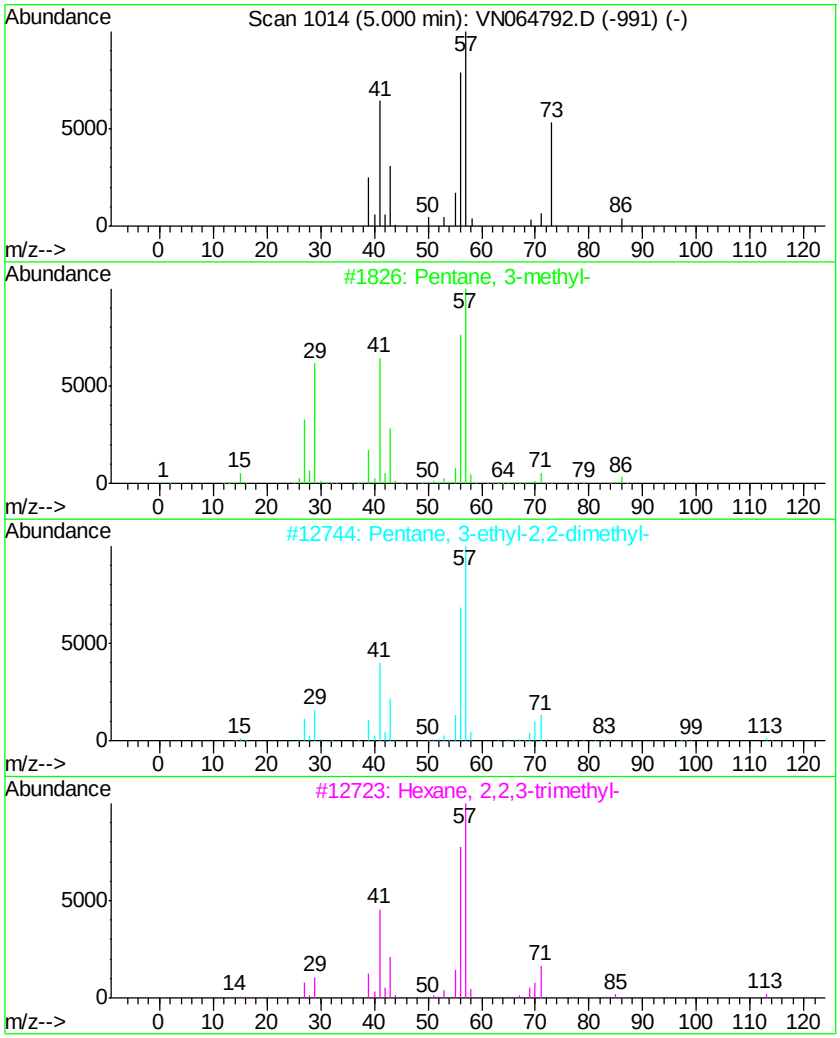
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

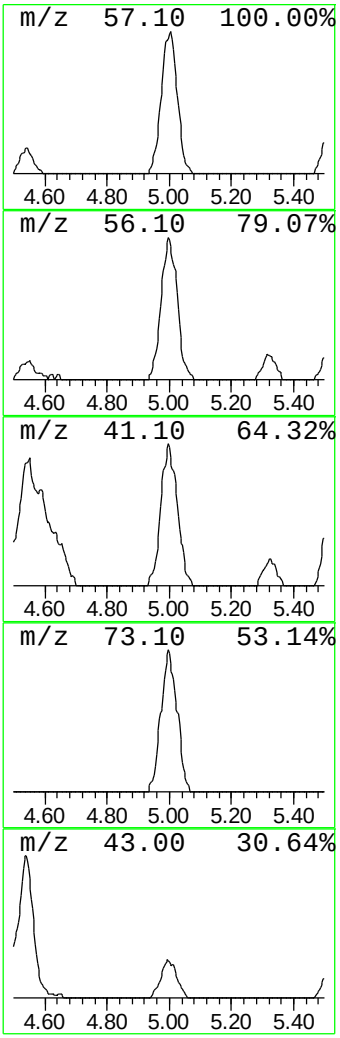
**********

Peak Number 4 Pentane, 3-methyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.00 | 9.55 ug/l | 101052 | Pentafluorobenzene | 7.63 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentane, 3-methyl- | 86 | C6H14 | 000096-14-0 | 80 |
| 2 | Pentane, 3-ethyl-2,2-dimethyl- | 128 | C9H20 | 016747-32-3 | 64 |
| 3 | Hexane, 2,2,3-trimethyl- | 128 | C9H20 | 016747-25-4 | 50 |
| 4 | Oxirane, 2,3-bis(1-methylethyl)-... | 128 | C8H16O | 054644-32-5 | 40 |
| 5 | 1-Butanol, 2-methyl- | 88 | C5H12O | 000137-32-6 | 38 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112320\
Data File : VN064792.D
Acq On : 23 Nov 2020 18:47
Operator : JC/MD
Sample : L4829-19 20X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :** MSVOA_N
**ClientSampleId :** MW-6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260

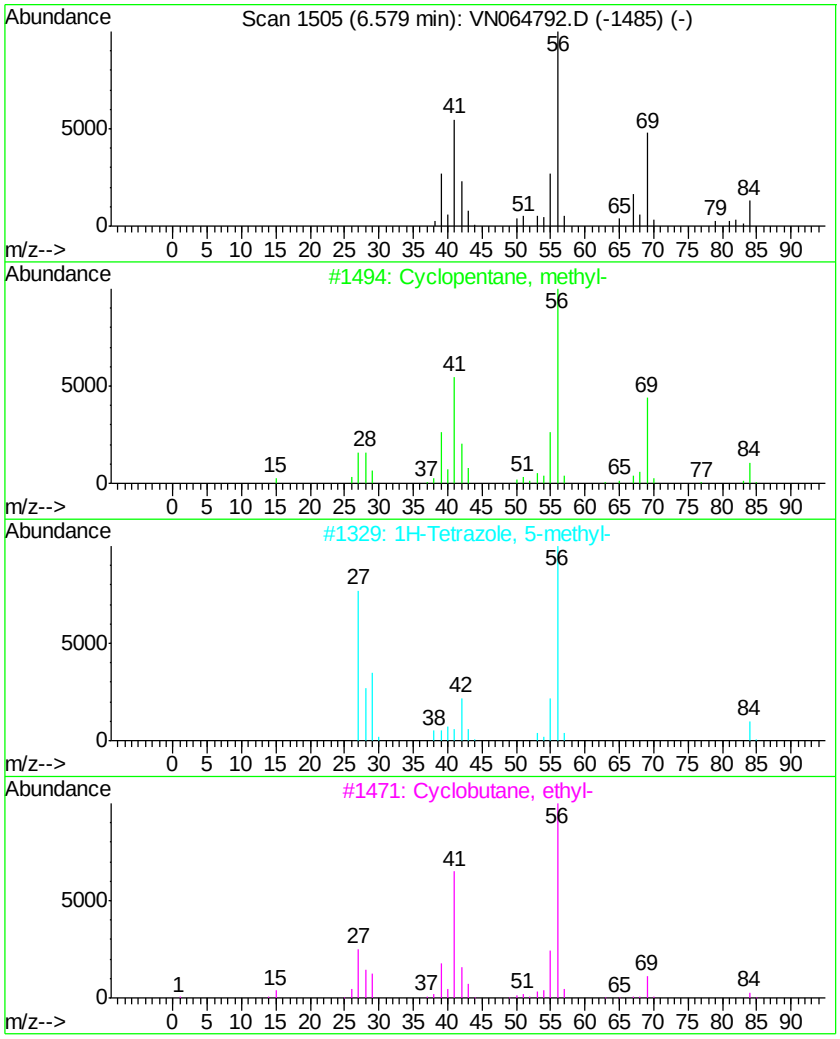
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

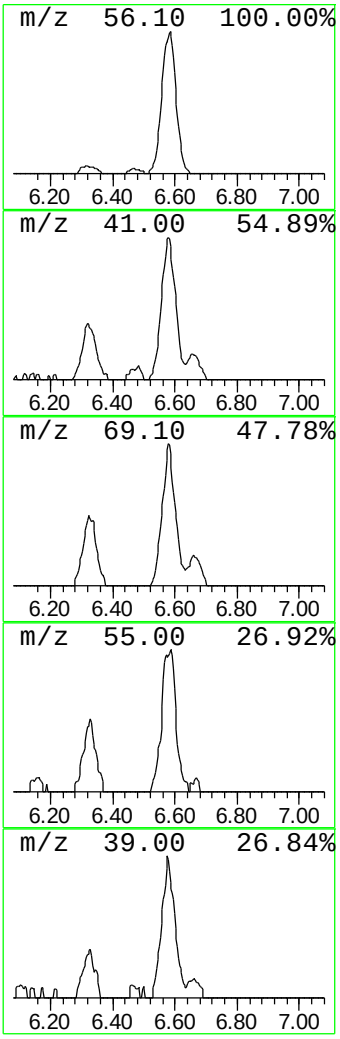
**********

Peak Number 5 Cyclopentane, methyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.58 | 10.51 ug/l | 111252 | Pentafluorobenzene | 7.63 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentane, methyl- | 84 | C6H12 | 000096-37-7 | 91 |
| 2 | 1H-Tetrazole, 5-methyl- | 84 | C2H4N4 | 004076-36-2 | 72 |
| 3 | Cyclobutane, ethyl- | 84 | C6H12 | 004806-61-5 | 64 |
| 4 | 2H-Pyran-2,6(3H)-dione, dihydro-... | 142 | C7H10O3 | 004160-82-1 | 53 |
| 5 | Cyclobutane | 56 | C4H8 | 000287-23-0 | 47 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112320\
Data File : VN064792.D
Acq On : 23 Nov 2020 18:47
Operator : JC/MD
Sample : L4829-19 20X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :** MSVOA_N
**ClientSampleId :** MW-6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260

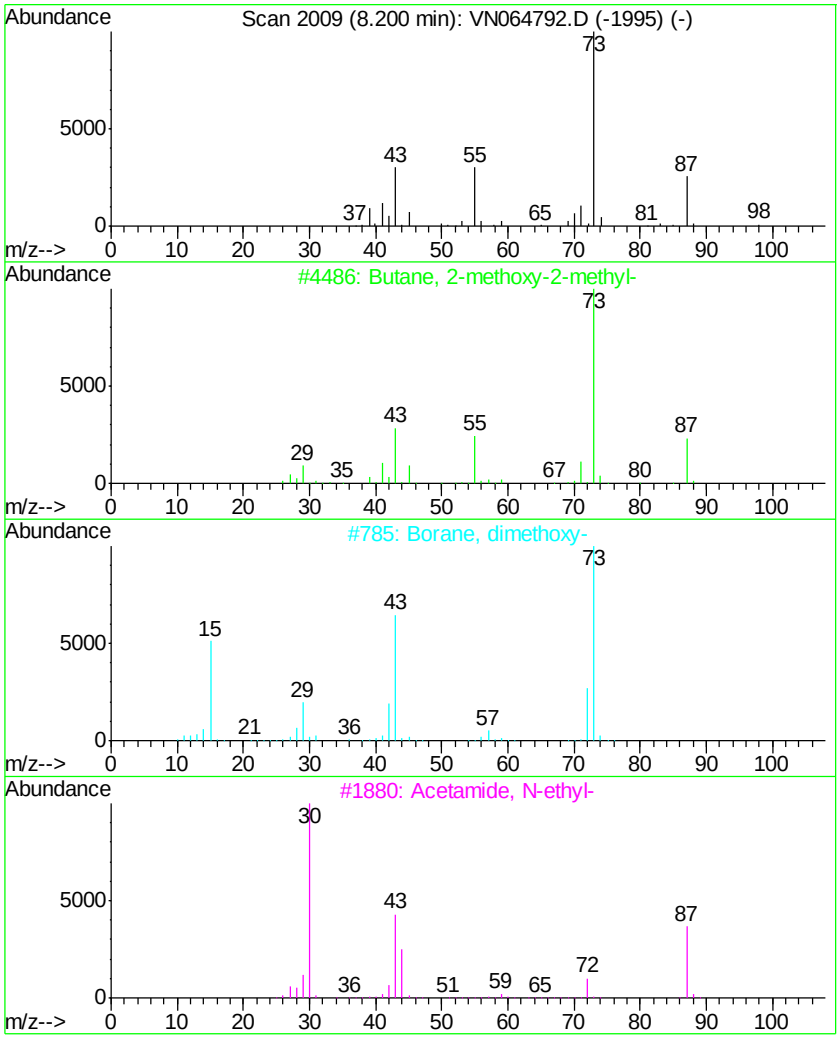
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

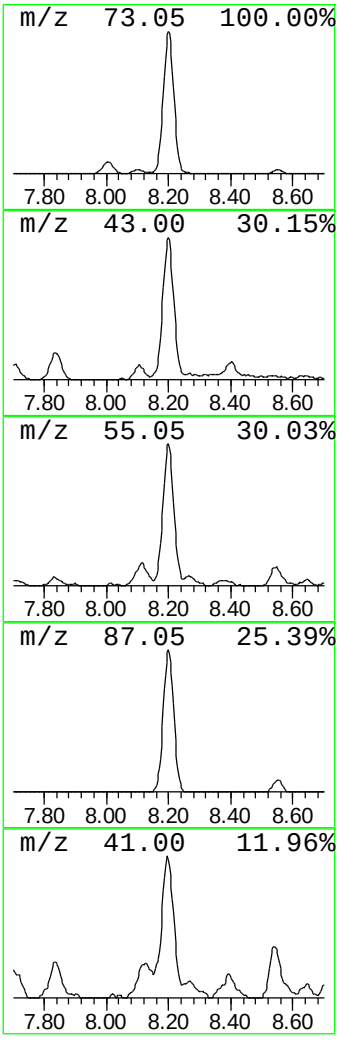
**********

Peak Number 6 Butane, 2-methoxy-2-methyl- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.20 | 25.03 ug/l | 361467 | 1,4-Difluorobenzene | 8.55 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 83 |
| 2 | Borane, dimethoxy- | 74 | C2H7BO2 | 004542-61-4 | 9 |
| 3 | Acetamide, N-ethyl- | 87 | C4H9NO | 000625-50-3 | 9 |
| 4 | N-Ethylformamide | 73 | C3H7NO | 000627-45-2 | 9 |
| 5 | 1,3-Dioxolane, 2-methyl- | 88 | C4H8O2 | 000497-26-7 | 9 |



# Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112320\
Data File : VN064792.D
Acq On : 23 Nov 2020 18:47
Operator : JC/MD
Sample : L4829-19 20X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :** MSVOA_N
**ClientSampleId :** MW-6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260

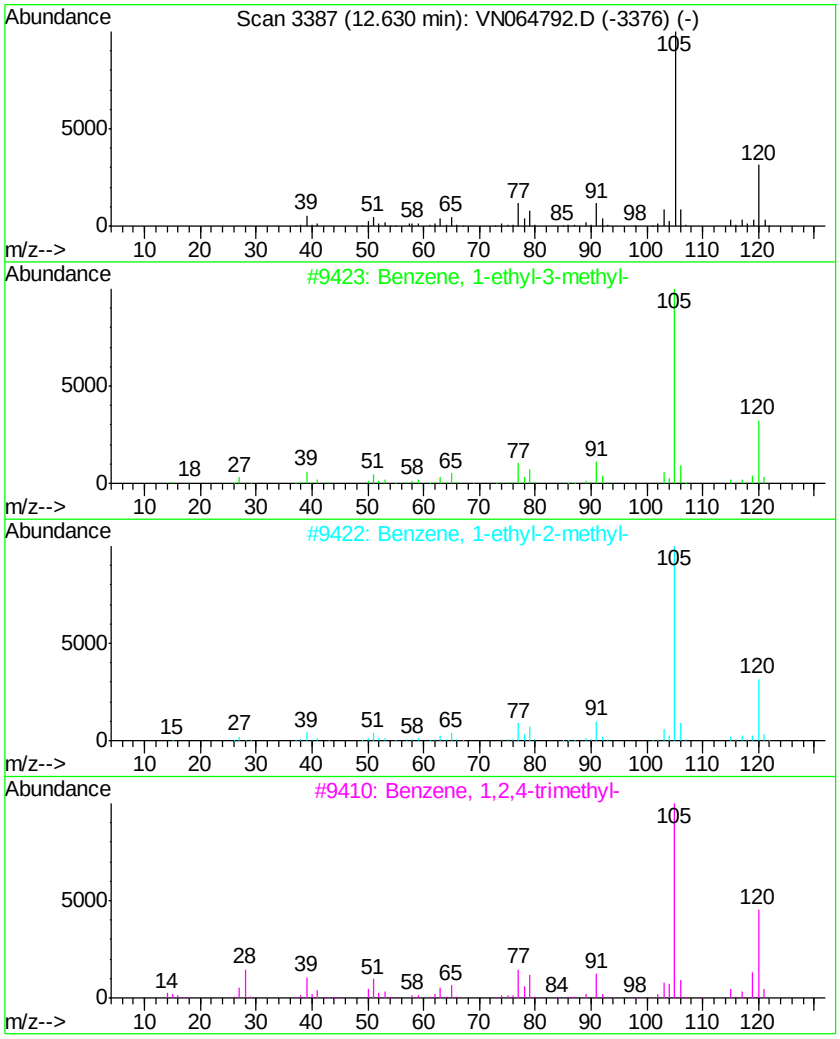
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

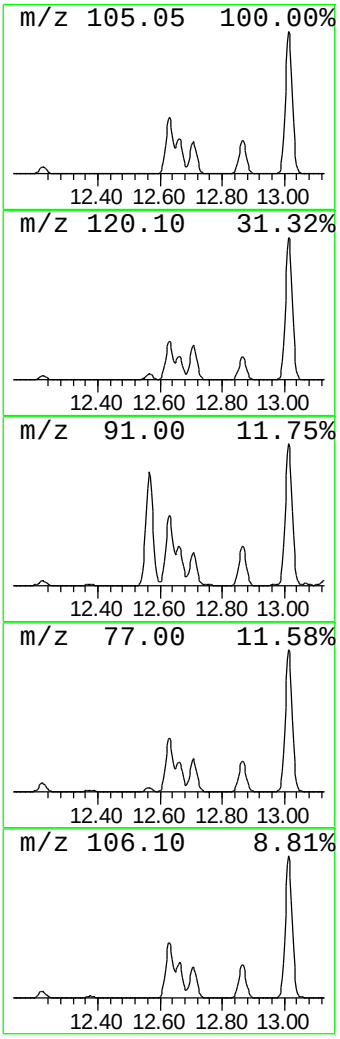
**********

Peak Number 7 Benzene, 1-ethyl-3-methyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.63 | 29.76 ug/l | 533713 | 1,4-Dichlorobenzene-d4 | 13.32 |

| 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, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 91 |
| 4 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 91 |
| 5 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 91 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112320\
Data File : VN064792.D
Acq On : 23 Nov 2020 18:47
Operator : JC/MD
Sample : L4829-19 20X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :** MSVOA_N
**ClientSampleId :** MW-6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260

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

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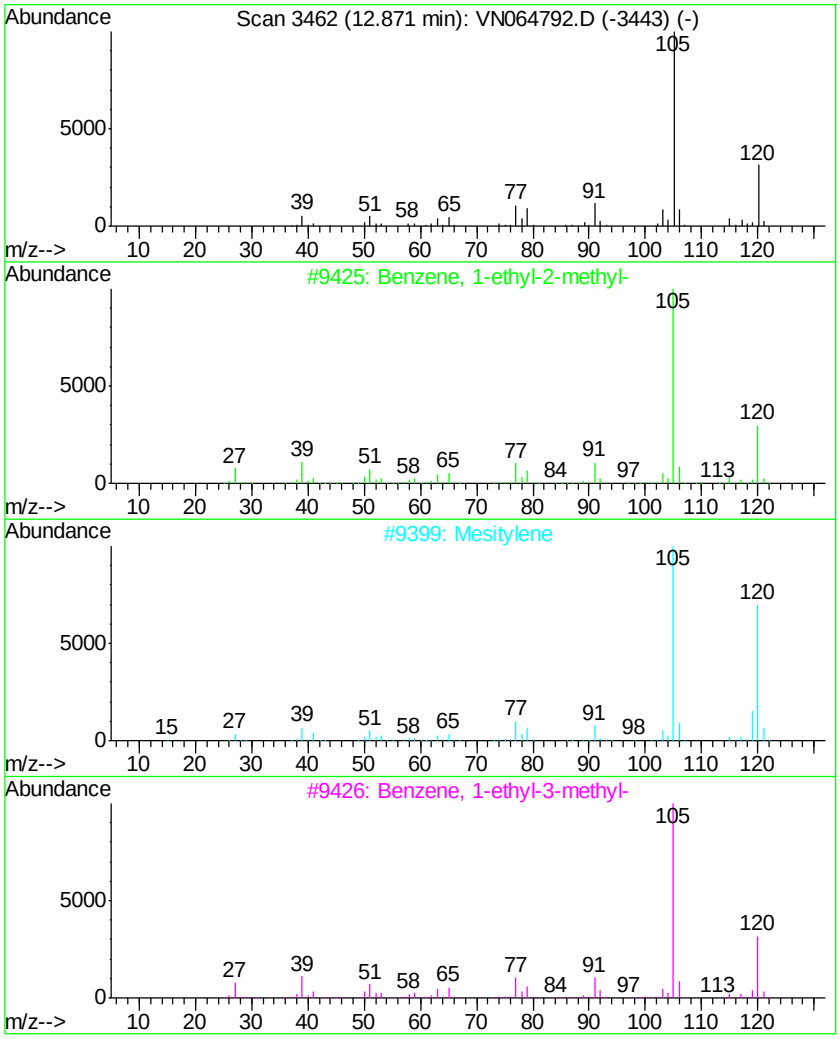
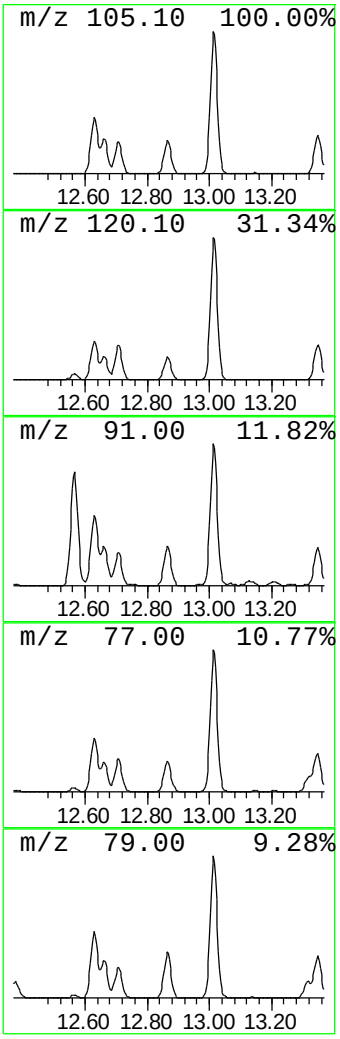
Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.87 | 16.77 ug/l | 300719 | 1,4-Dichlorobenzene-d4 | 13.32 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 95 |
| 2 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |
| 3 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 91 |
| 4 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 91 |
| 5 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 91 |



# Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112320\
Data File : VN064792.D
Acq On : 23 Nov 2020 18:47
Operator : JC/MD
Sample : L4829-19 20X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :** MSVOA_N
**ClientSampleId :** MW-6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260

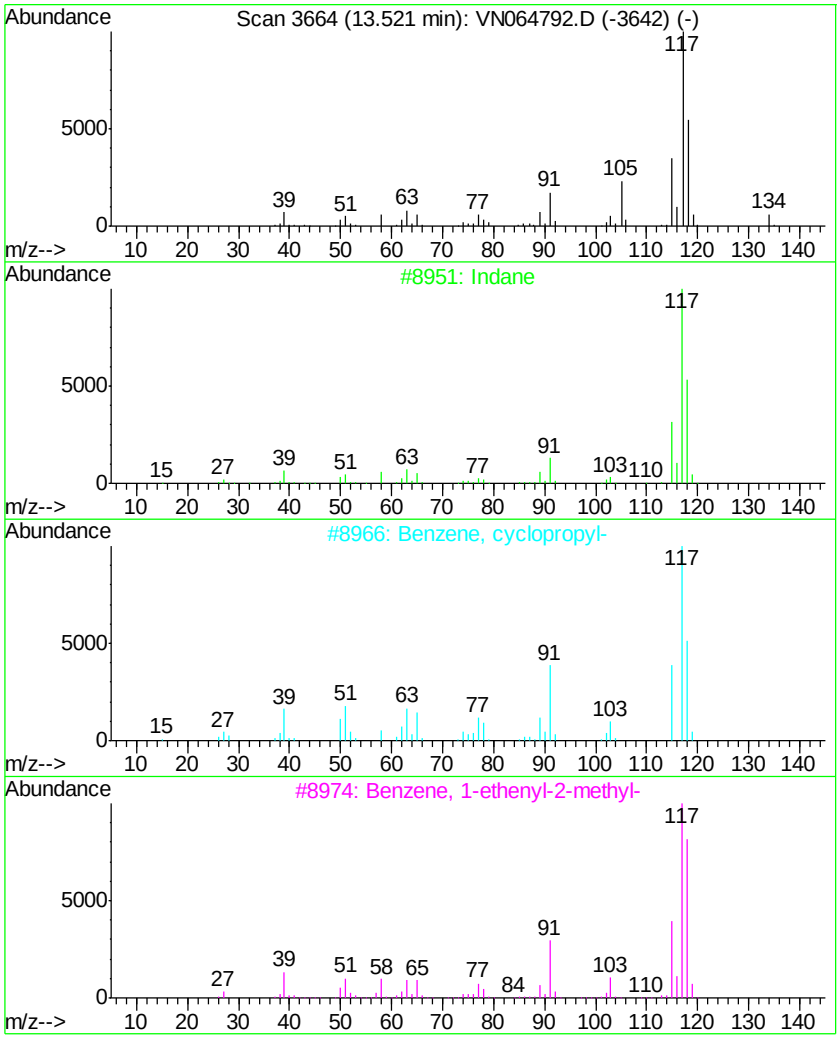
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

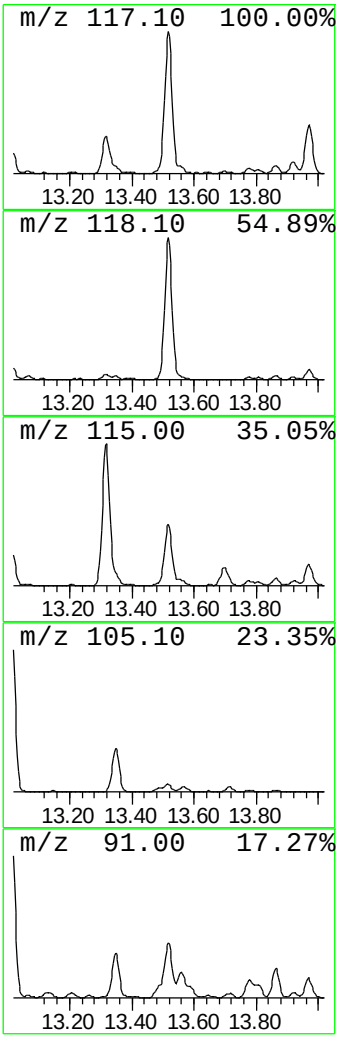
**********

Peak Number 9 Indane Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.52 | 23.60 ug/l | 423179 | 1,4-Dichlorobenzene-d4 | 13.32 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indane | 118 | C9H10 | 000496-11-7 | 94 |
| 2 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 92 |
| 3 | Benzene, 1-ethenyl-2-methyl- | 118 | C9H10 | 000611-15-4 | 87 |
| 4 | Benzene, 1-propenyl- | 118 | C9H10 | 000637-50-3 | 76 |
| 5 | Benzene, 2-propenyl- | 118 | C9H10 | 000300-57-2 | 68 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112320\
Data File : VN064792.D
Acq On : 23 Nov 2020 18:47
Operator : JC/MD
Sample : L4829-19 20X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :** MSVOA_N
**ClientSampleId :** MW-6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260

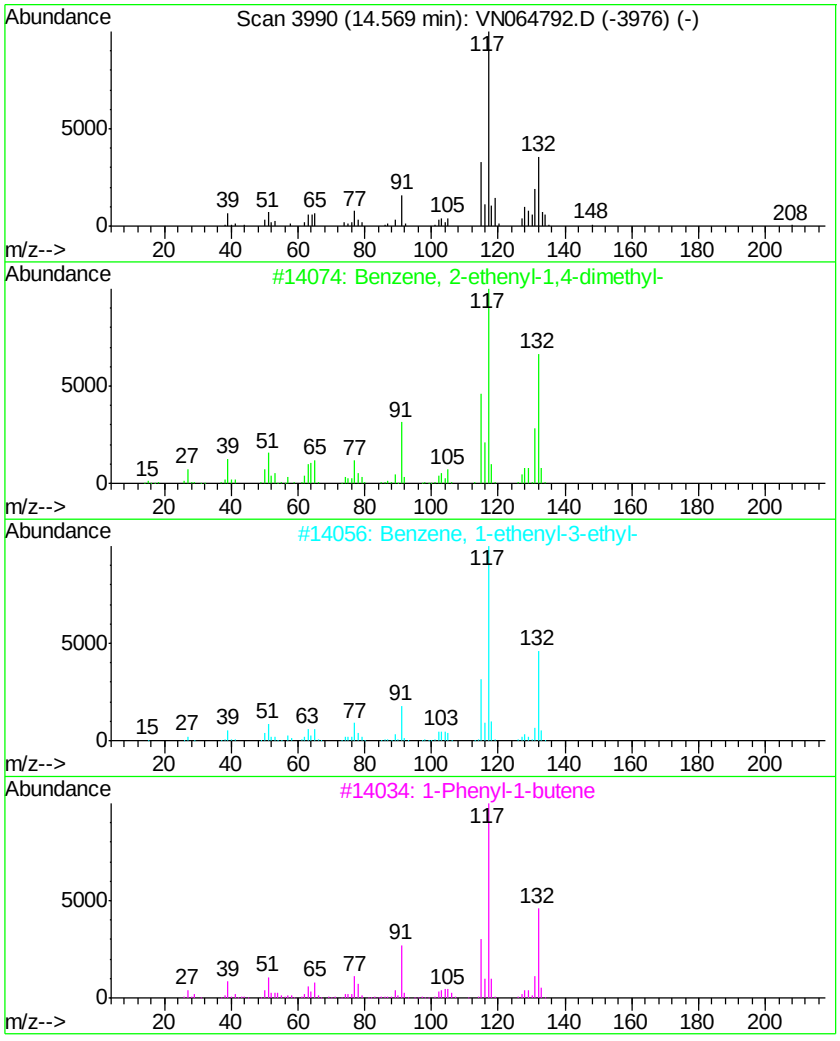
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

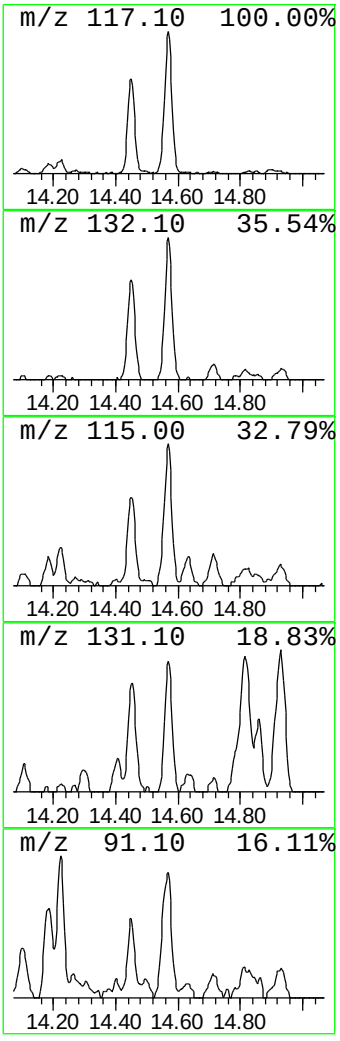
**********

Peak Number 10 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.57 | 9.64 ug/l | 172891 | 1,4-Dichlorobenzene-d4 | 13.32 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12 | 002039-89-6 | 91 |
| 2 | Benzene, 1-ethenyl-3-ethyl- | 132 | C10H12 | 007525-62-4 | 89 |
| 3 | 1-Phenyl-1-butene | 132 | C10H12 | 000824-90-8 | 81 |
| 4 | 3-Phenylbut-1-ene | 132 | C10H12 | 000934-10-1 | 76 |
| 5 | Benzene, 1-ethenyl-4-ethyl- | 132 | C10H12 | 003454-07-7 | 76 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112320\
Data File : VN064792.D
Acq On : 23 Nov 2020 18:47
Operator : JC/MD
Sample : L4829-19 20X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :** MSVOA_N
**ClientSampleId :** MW-6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260

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

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Butane, 2-methyl- | 2.78 | 13.0 | ug/l | 137369 | 1 | 7.63 | 529305 | 50.0 |
| Pentane | 3.11 | 10.3 | ug/l | 109466 | 1 | 7.63 | 529305 | 50.0 |
| Cyclopropane, 1,2... | 3.52 | 9.6 | ug/l | 101319 | 1 | 7.63 | 529305 | 50.0 |
| Pentane, 3-methyl- | 5.00 | 9.6 | ug/l | 101052 | 1 | 7.63 | 529305 | 50.0 |
| Cyclopentane, met... | 6.58 | 10.5 | ug/l | 111252 | 1 | 7.63 | 529305 | 50.0 |
| Butane, 2-methoxy... | 8.20 | 25.0 | ug/l | 361467 | 2 | 8.55 | 722147 | 50.0 |
| Benzene, 1-ethyl-... | 12.63 | 29.8 | ug/l | 533713 | 4 | 13.32 | 896734 | 50.0 |
| Benzene, 1-ethyl-... | 12.87 | 16.8 | ug/l | 300719 | 4 | 13.32 | 896734 | 50.0 |
| Indane | 13.52 | 23.6 | ug/l | 423179 | 4 | 13.32 | 896734 | 50.0 |
| Benzene, 2-etheny... | 14.57 | 9.6 | ug/l | 172891 | 4 | 13.32 | 896734 | 50.0 |