LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
Data File : VX029646.D
Acq On : 21 Jun 2022 07:18
Operator : JC/MD
Sample : N3354-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-53

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_X\Method\82X061822W.M
Title : SW846 8260

Signal : TIC: VX029646.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.142 | 6 | 9 | 18 | rVB | 56341 | 55044 | 4.27% | 0.516% |
| 2 | 1.264 | 26 | 29 | 43 | rBV | 646540 | 667043 | 51.76% | 6.250% |
| 3 | 1.367 | 43 | 46 | 53 | rVV | 658279 | 710721 | 55.15% | 6.659% |
| 4 | 1.752 | 104 | 109 | 114 | rBV | 36412 | 50326 | 3.91% | 0.472% |
| 5 | 2.136 | 167 | 172 | 179 | rVB3 | 7123 | 15473 | 1.20% | 0.145% |
| 6 | 2.215 | 180 | 185 | 194 | rVB | 9537 | 16006 | 1.24% | 0.150% |
| 7 | 2.562 | 230 | 242 | 251 | rBV2 | 8701 | 29147 | 2.26% | 0.273% |
| 8 | 2.782 | 268 | 278 | 285 | rBV6 | 5650 | 14137 | 1.10% | 0.132% |
| 9 | 2.867 | 285 | 292 | 300 | rBV | 39672 | 79618 | 6.18% | 0.746% |
| 10 | 2.971 | 300 | 309 | 324 | rVV | 224363 | 603315 | 46.82% | 5.653% |
| 11 | 3.117 | 324 | 333 | 347 | rVB | 182013 | 428818 | 33.28% | 4.018% |
| 12 | 3.763 | 429 | 439 | 448 | rBV3 | 25151 | 66859 | 5.19% | 0.626% |
| 13 | 5.391 | 693 | 706 | 717 | rBV2 | 149421 | 431647 | 33.49% | 4.045% |
| 14 | 5.556 | 723 | 733 | 749 | rVB2 | 270196 | 766468 | 59.48% | 7.182% |
| 15 | 5.958 | 788 | 799 | 806 | rBV | 155656 | 417707 | 32.41% | 3.914% |
| 16 | 6.043 | 806 | 813 | 830 | rVB | 218394 | 581796 | 45.15% | 5.451% |
| 17 | 6.245 | 834 | 846 | 858 | rBV | 144642 | 428612 | 33.26% | 4.016% |
| 18 | 6.763 | 920 | 931 | 951 | rVB | 413721 | 984359 | 76.38% | 9.223% |
| 19 | 8.433 | 1199 | 1205 | 1212 | rVV | 14419 | 25260 | 1.96% | 0.237% |
| 20 | 8.506 | 1212 | 1217 | 1225 | rVB3 | 8194 | 14537 | 1.13% | 0.136% |
| 21 | 8.653 | 1233 | 1241 | 1248 | rBV | 832915 | 1288692 | 100.00% | 12.075% |
| 22 | 8.720 | 1248 | 1252 | 1260 | rVB2 | 10797 | 19065 | 1.48% | 0.179% |
| 23 | 9.445 | 1365 | 1371 | 1378 | rBV2 | 10731 | 19306 | 1.50% | 0.181% |
| 24 | 10.055 | 1466 | 1471 | 1484 | rVB | 828276 | 1096702 | 85.10% | 10.276% |
| 25 | 10.878 | 1600 | 1606 | 1614 | rBV | 14464 | 23852 | 1.85% | 0.223% |
| 26 | 11.085 | 1634 | 1640 | 1649 | rBV | 622509 | 799978 | 62.08% | 7.496% |
| 27 | 11.171 | 1649 | 1654 | 1661 | rVB2 | 23360 | 31818 | 2.47% | 0.298% |
| 28 | 11.494 | 1702 | 1707 | 1714 | rVB | 16088 | 23048 | 1.79% | 0.216% |
| 29 | 12.024 | 1788 | 1794 | 1804 | rBV | 817667 | 982991 | 76.28% | 9.211% |

Sum of corrected areas: 10672345

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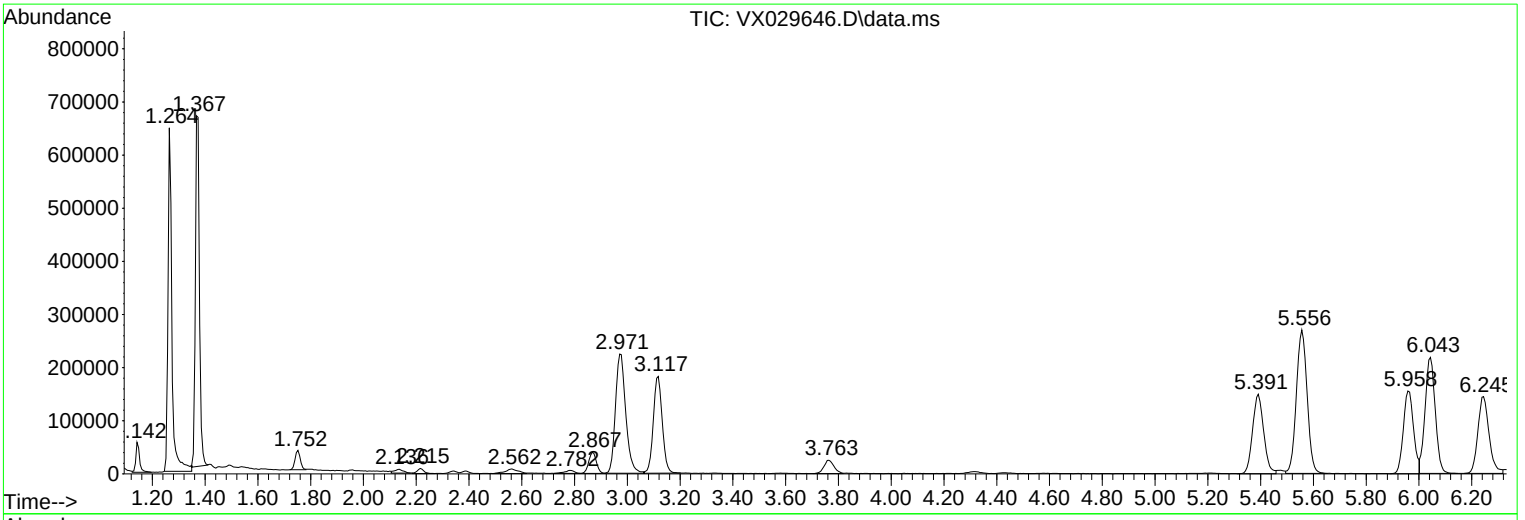
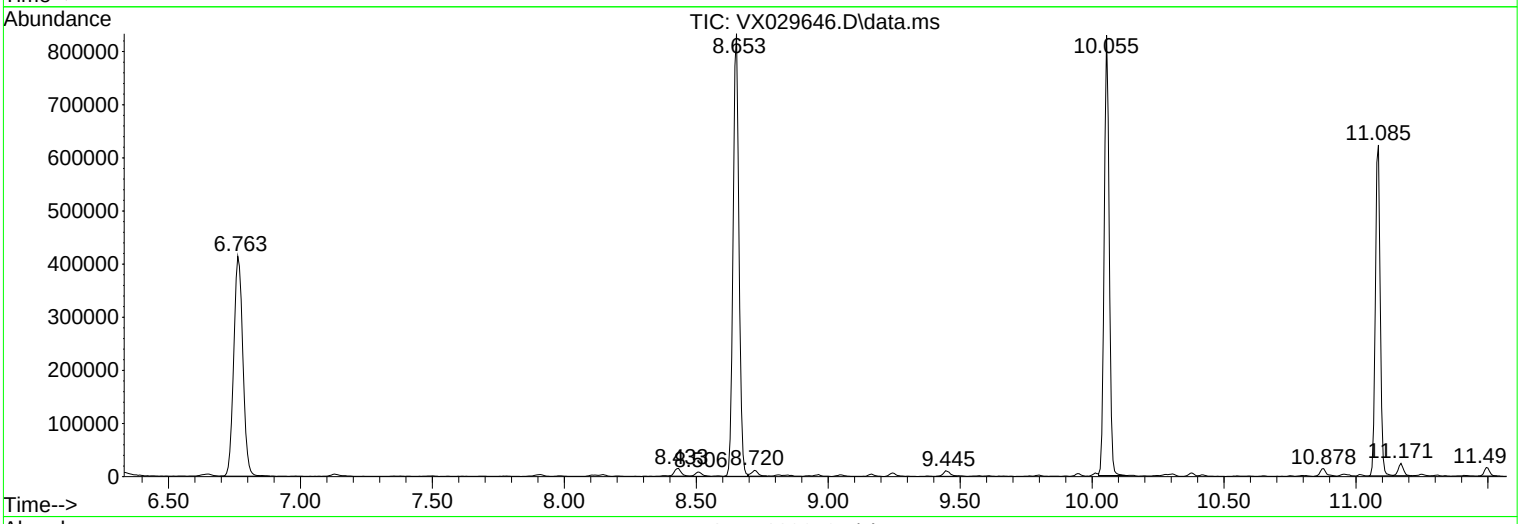
ALS Vial : 41 Sample Multiplier: 1

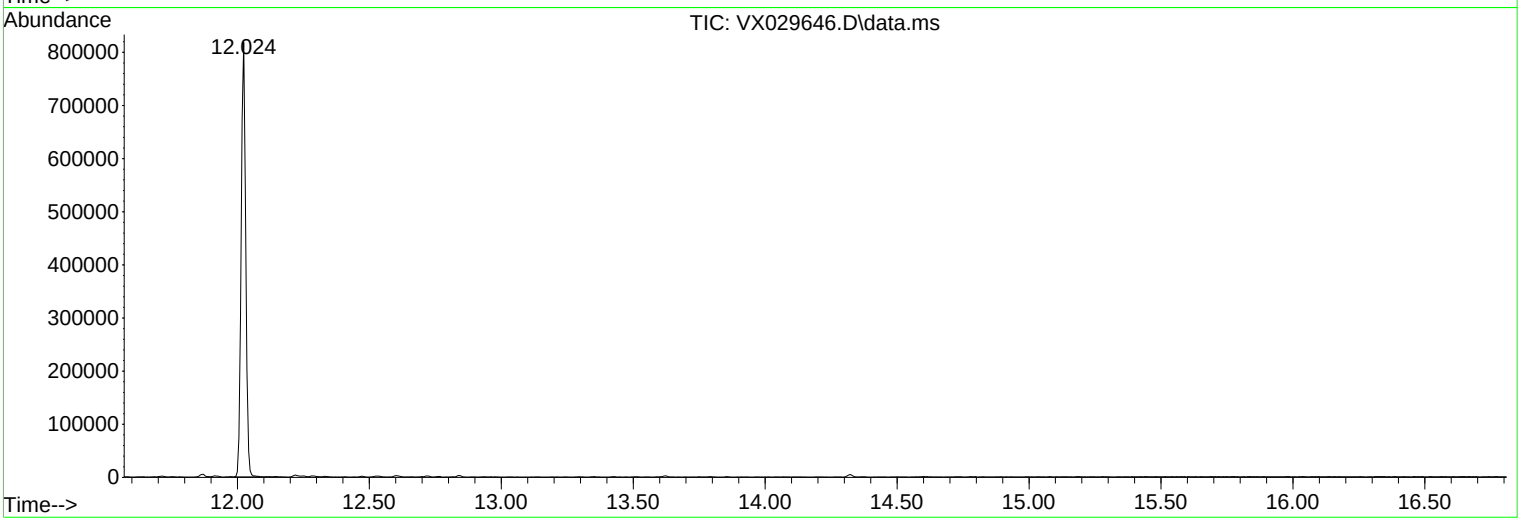
**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-53

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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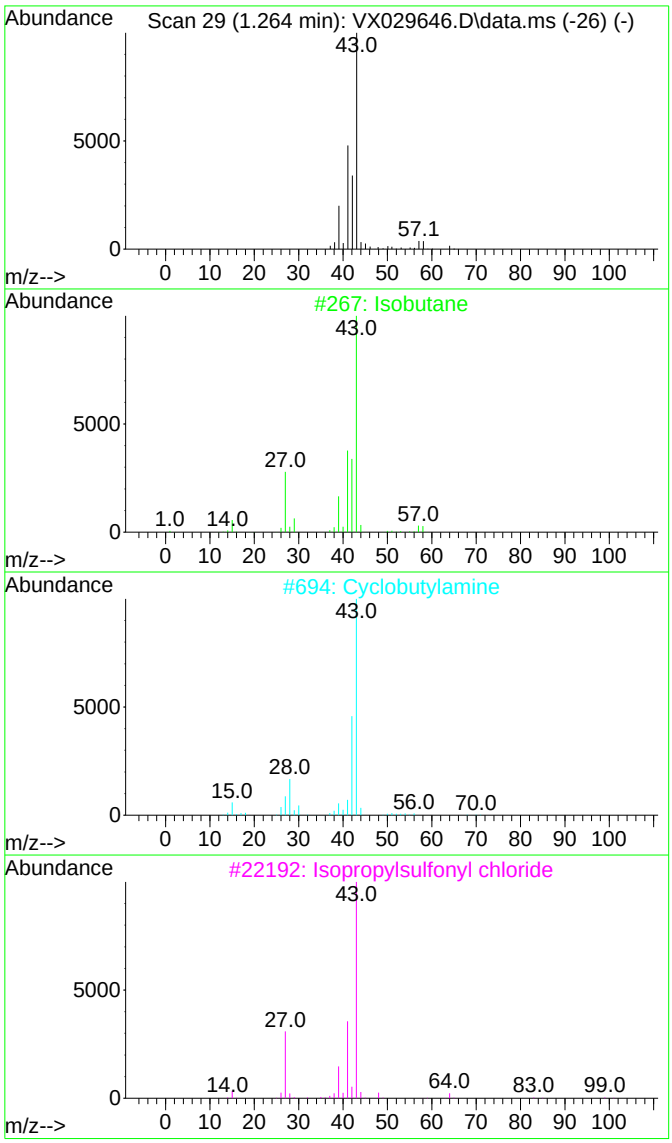
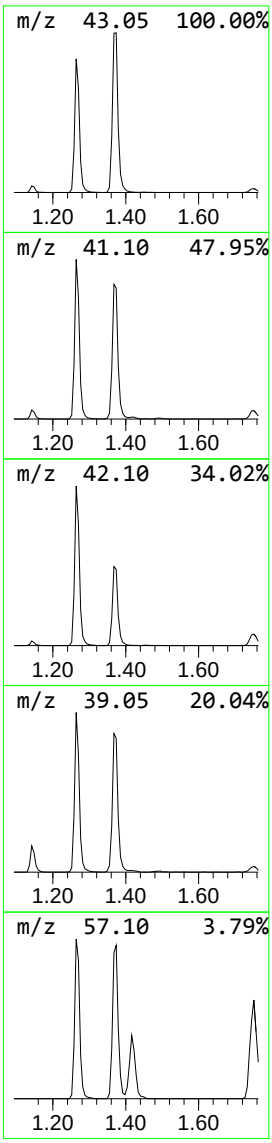
**********
Peak Number 1 Isobutane Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 1.264 | 43.51 ug/l | 667043 | Pentafluorobenzene | 5.556 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Isobutane | 58 | C4H10 | 000075-28-5 | 80 |
| 2 | Cyclobutylamine | 71 | C4H9N | 002516-34-9 | 9 |
| 3 | Isopropylsulfonyl chloride | 142 | C3H7ClO2S | 010147-37-2 | 9 |
| 4 | Hydrogen isocyanate | 43 | CHNO | 000075-13-8 | 4 |
| 5 | Propane, 1-chloro-2-methyl- | 92 | C4H9Cl | 000513-36-0 | 4 |



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Data File : VX029646.D
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Operator : JC/MD
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ALS Vial : 41 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-53

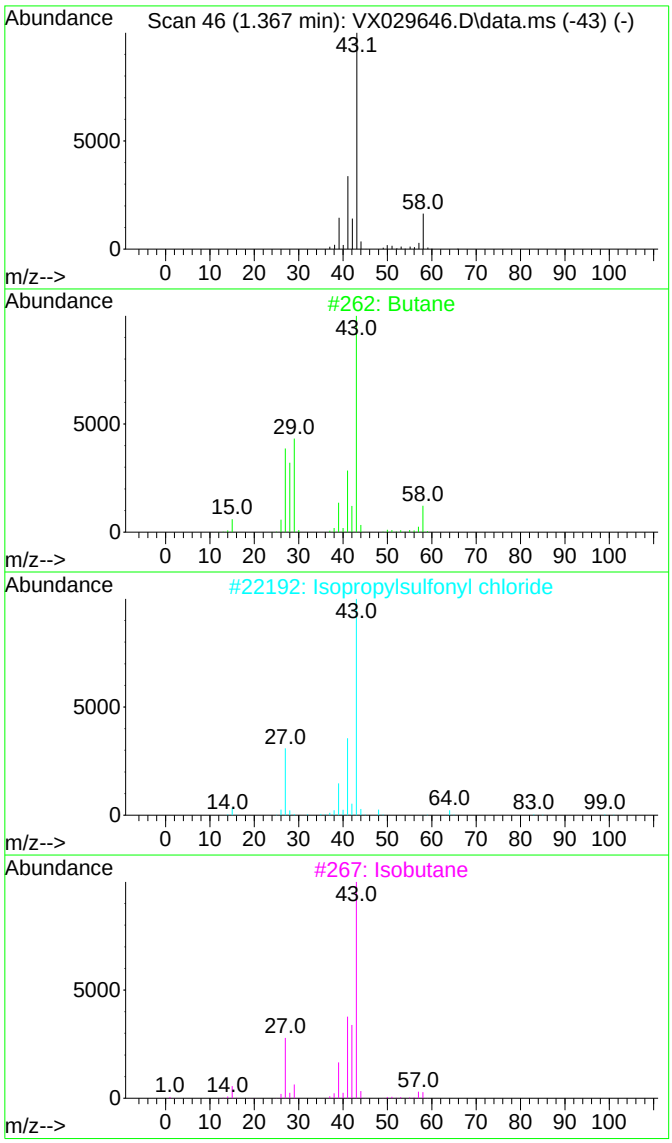
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

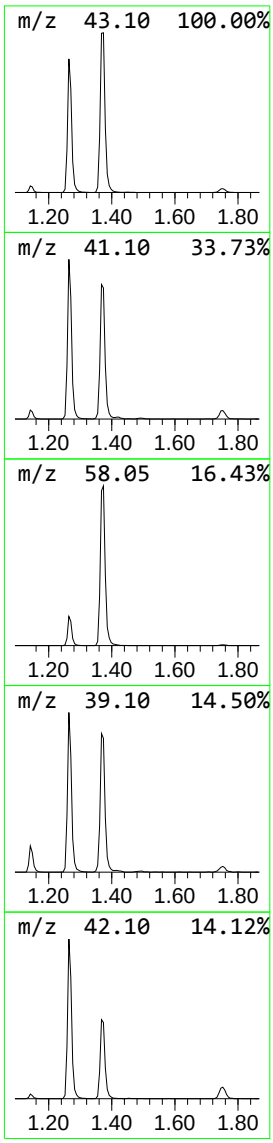
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Butane Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 1.367 | 46.36 ug/l | 710721 | Pentafluorobenzene | 5.556 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane | 58 | C4H10 | 000106-97-8 | 80 |
| 2 | Isopropylsulfonyl chloride | 142 | C3H7ClO2S | 010147-37-2 | 9 |
| 3 | Isobutane | 58 | C4H10 | 000075-28-5 | 9 |
| 4 | Propane, 1-nitro- | 89 | C3H7NO2 | 000108-03-2 | 9 |
| 5 | Acetone | 58 | C3H6O | 000067-64-1 | 4 |



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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-53

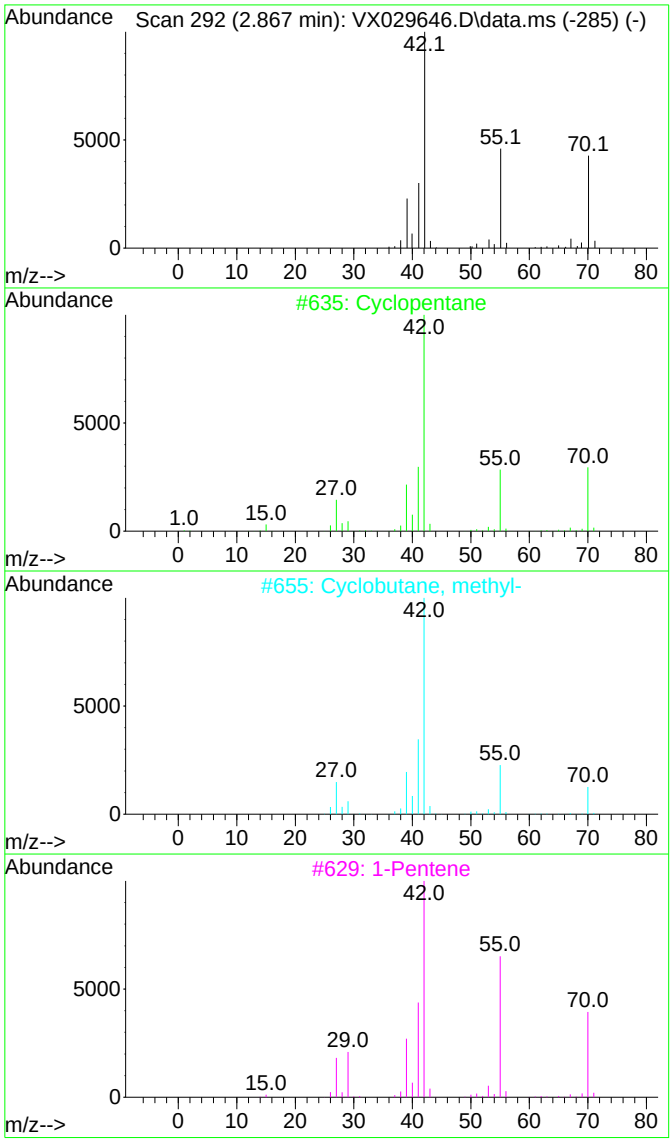
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

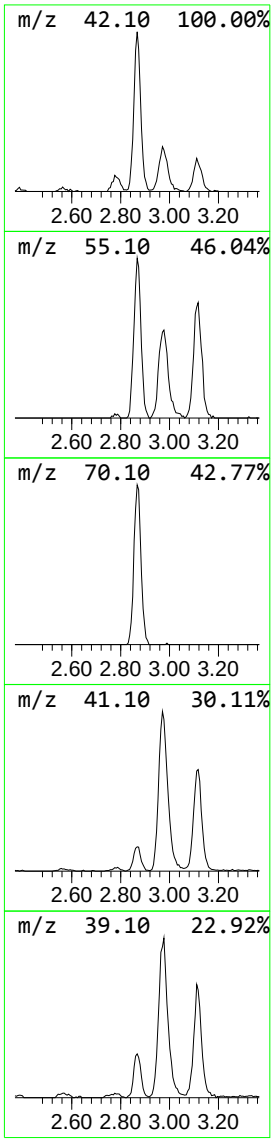
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Cyclopentane Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.867 | 5.19 ug/l | 79618 | Pentafluorobenzene | 5.556 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentane | 70 | C5H10 | 000287-92-3 | 78 |
| 2 | Cyclobutane, methyl- | 70 | C5H10 | 000598-61-8 | 78 |
| 3 | 1-Pentene | 70 | C5H10 | 000109-67-1 | 72 |
| 4 | Methyl propargyl ether | 70 | C4H6O | 000627-41-8 | 9 |
| 5 | Pentane, 1-chloro- | 106 | C5H11Cl | 000543-59-9 | 9 |



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ALS Vial : 41 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-53

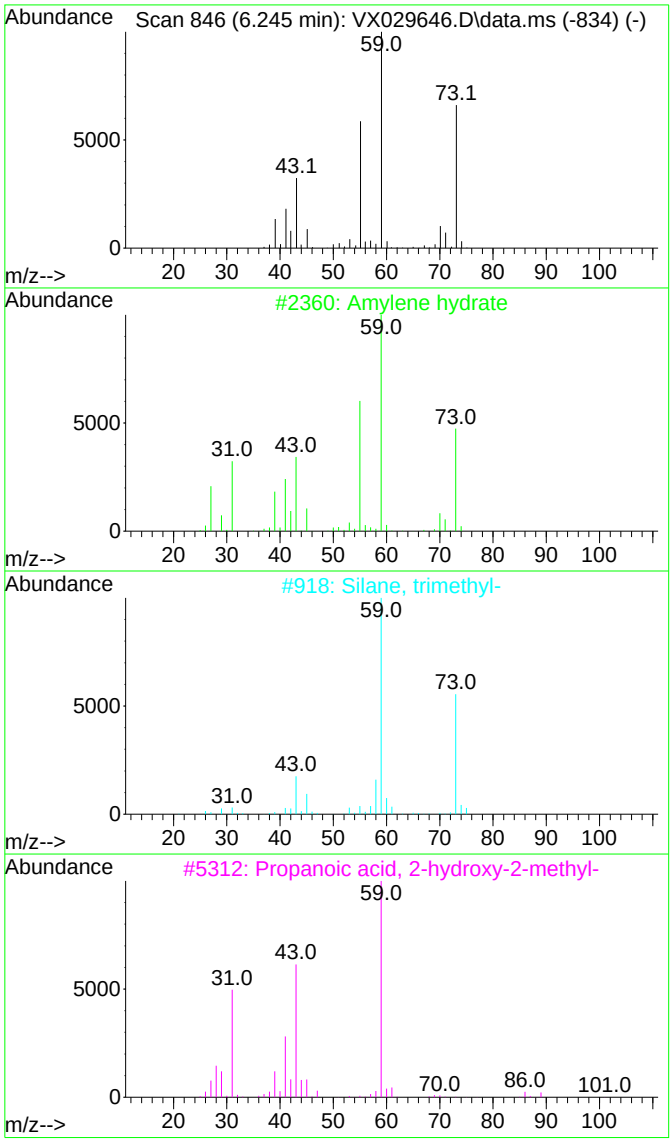
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

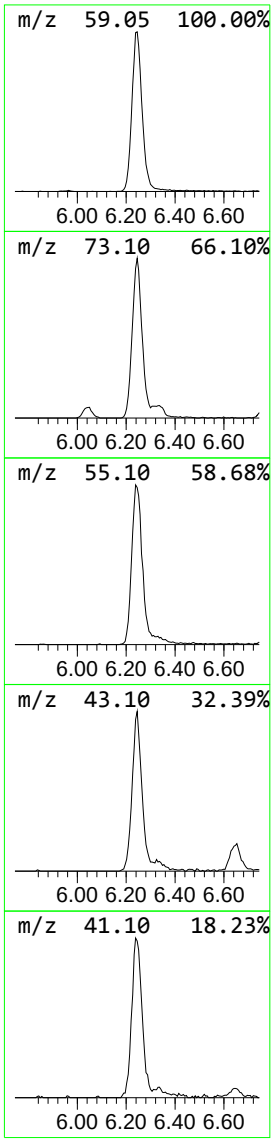
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 Amylene hydrate Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.245 | 21.77 ug/l | 428612 | 1,4-Difluorobenzene | 6.763 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Amylene hydrate | 88 | C5H12O | 000075-85-4 | 83 |
| 2 | Silane, trimethyl- | 74 | C3H10Si | 000993-07-7 | 38 |
| 3 | Propanoic acid, 2-hydroxy-2-methyl- | 104 | C4H8O3 | 000594-61-6 | 33 |
| 4 | Butanamide | 87 | C4H9NO | 000541-35-5 | 9 |
| 5 | 2-Methyl-5-hexen-3-ol | 114 | C7H14O | 032815-70-6 | 9 |



Tentatively Identified Compound (LSC) summary

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Sample : N3354-09
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ALS Vial : 41 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-53

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Isobutane | 1.264 | 43.5 | ug/l | 667043 | 1 | 5.556 | 766468 | 50.0 |
| Butane | 1.367 | 46.4 | ug/l | 710721 | 1 | 5.556 | 766468 | 50.0 |
| Cyclopentane | 2.867 | 5.2 | ug/l | 79618 | 1 | 5.556 | 766468 | 50.0 |
| Amylene hydrate | 6.245 | 21.8 | ug/l | 428612 | 2 | 6.763 | 984359 | 50.0 |