LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060523\
Data File : VV031344.D
Acq On : 05 Jun 2023 14:06
Operator : SY/MD
Sample : 03000-05 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
F6C29

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV031344.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.188 | 41 | 46 | 53 | rBV | 32446 | 29867 | 1.31% | 0.151% |
| 2 | 1.278 | 67 | 74 | 84 | rBV2 | 175855 | 184708 | 8.09% | 0.936% |
| 3 | 1.532 | 145 | 153 | 163 | rBV | 71157 | 82319 | 3.61% | 0.417% |
| 4 | 1.597 | 163 | 173 | 197 | rBV | 498139 | 627480 | 27.50% | 3.178% |
| 5 | 1.764 | 216 | 225 | 241 | rVB | 355610 | 456409 | 20.00% | 2.312% |
| 6 | 2.060 | 306 | 317 | 343 | rVB2 | 155248 | 306259 | 13.42% | 1.551% |
| 7 | 2.468 | 420 | 444 | 451 | rBV2 | 150126 | 399334 | 17.50% | 2.023% |
| 8 | 2.516 | 451 | 459 | 480 | rVB | 177884 | 326367 | 14.30% | 1.653% |
| 9 | 2.696 | 499 | 515 | 534 | rVB3 | 120909 | 244667 | 10.72% | 1.239% |
| 10 | 2.966 | 584 | 599 | 621 | rBV2 | 83157 | 169101 | 7.41% | 0.856% |
| 11 | 3.674 | 799 | 819 | 843 | rBV2 | 444903 | 1106513 | 48.49% | 5.604% |
| 12 | 3.818 | 849 | 864 | 906 | rBV2 | 431885 | 1111288 | 48.70% | 5.628% |
| 13 | 4.256 | 984 | 1000 | 1030 | rVB | 95025 | 255903 | 11.21% | 1.296% |
| 14 | 4.587 | 1080 | 1103 | 1122 | rBV2 | 915083 | 2282046 | 100.00% | 11.558% |
| 15 | 4.860 | 1165 | 1188 | 1204 | rVB7 | 25786 | 94767 | 4.15% | 0.480% |
| 16 | 4.963 | 1204 | 1220 | 1225 | rBV2 | 225952 | 479264 | 21.00% | 2.427% |
| 17 | 5.011 | 1226 | 1235 | 1252 | rVB | 744721 | 1633154 | 71.57% | 8.272% |
| 18 | 5.166 | 1275 | 1283 | 1295 | rVB4 | 27647 | 57876 | 2.54% | 0.293% |
| 19 | 5.240 | 1295 | 1306 | 1326 | rVB4 | 48335 | 118860 | 5.21% | 0.602% |
| 20 | 5.413 | 1350 | 1360 | 1377 | rVB5 | 11038 | 24734 | 1.08% | 0.125% |
| 21 | 5.539 | 1387 | 1399 | 1421 | rBV | 163199 | 343781 | 15.06% | 1.741% |
| 22 | 5.834 | 1476 | 1491 | 1509 | rBV | 996774 | 1951135 | 85.50% | 9.882% |
| 23 | 5.995 | 1529 | 1541 | 1548 | rBV2 | 122635 | 246981 | 10.82% | 1.251% |
| 24 | 6.053 | 1548 | 1559 | 1576 | rVB | 609977 | 1272564 | 55.76% | 6.445% |
| 25 | 6.291 | 1622 | 1633 | 1649 | rVB4 | 18710 | 36461 | 1.60% | 0.185% |
| 26 | 6.921 | 1817 | 1829 | 1850 | rBV2 | 51833 | 106628 | 4.67% | 0.540% |
| 27 | 7.195 | 1902 | 1914 | 1920 | rBV3 | 24431 | 44398 | 1.95% | 0.225% |
| 28 | 7.249 | 1921 | 1931 | 1948 | rVV | 228295 | 423154 | 18.54% | 2.143% |
| 29 | 7.326 | 1949 | 1955 | 1964 | rVV2 | 14198 | 27908 | 1.22% | 0.141% |
| 30 | 7.564 | 2019 | 2029 | 2033 | rBV2 | 30152 | 49562 | 2.17% | 0.251% |
| 31 | 7.912 | 2124 | 2137 | 2163 | rBV | 295232 | 519005 | 22.74% | 2.629% |
| 32 | 8.037 | 2163 | 2176 | 2207 | rBV | 180274 | 433716 | 19.01% | 2.197% |
| 33 | 8.227 | 2227 | 2235 | 2246 | rVB4 | 19904 | 35203 | 1.54% | 0.178% |
| 34 | 8.789 | 2398 | 2410 | 2429 | rBV | 235882 | 406122 | 17.80% | 2.057% |
| 35 | 8.953 | 2449 | 2461 | 2481 | rBV | 246549 | 413123 | 18.10% | 2.092% |
| 36 | 9.079 | 2485 | 2500 | 2526 | rVV | 838092 | 1382163 | 60.57% | 7.000% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060523\
Data File : VV031344.D
Acq On : 05 Jun 2023 14:06
Operator : SY/MD
Sample : O3000-05 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
F6C29

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
Title : TRACE VOA SFAM1.0

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 9.484 | 2614 | 2626 | 2644 | rBV | 116514 | 193026 | 8.46% | 0.978% |
| 38 | 9.873 | 2733 | 2747 | 2761 | rBV | 42929 | 69219 | 3.03% | 0.351% |
| 39 | 10.159 | 2826 | 2836 | 2852 | rVB | 85552 | 141399 | 6.20% | 0.716% |
| 40 | 10.297 | 2869 | 2879 | 2890 | rBV | 29778 | 45890 | 2.01% | 0.232% |
| 41 | 10.391 | 2897 | 2908 | 2927 | rBV | 95919 | 209066 | 9.16% | 1.059% |
| 42 | 10.484 | 2927 | 2937 | 2955 | rVB | 76757 | 120668 | 5.29% | 0.611% |
| 43 | 10.680 | 2986 | 2998 | 3015 | rBV2 | 38915 | 64674 | 2.83% | 0.328% |
| 44 | 10.857 | 3043 | 3053 | 3069 | rBV | 171874 | 262912 | 11.52% | 1.332% |
| 45 | 11.191 | 3147 | 3157 | 3173 | rVV | 265358 | 420585 | 18.43% | 2.130% |
| 46 | 11.278 | 3175 | 3184 | 3198 | rVB | 94244 | 146418 | 6.42% | 0.742% |
| 47 | 11.567 | 3264 | 3274 | 3291 | rVB | 231822 | 387623 | 16.99% | 1.963% |

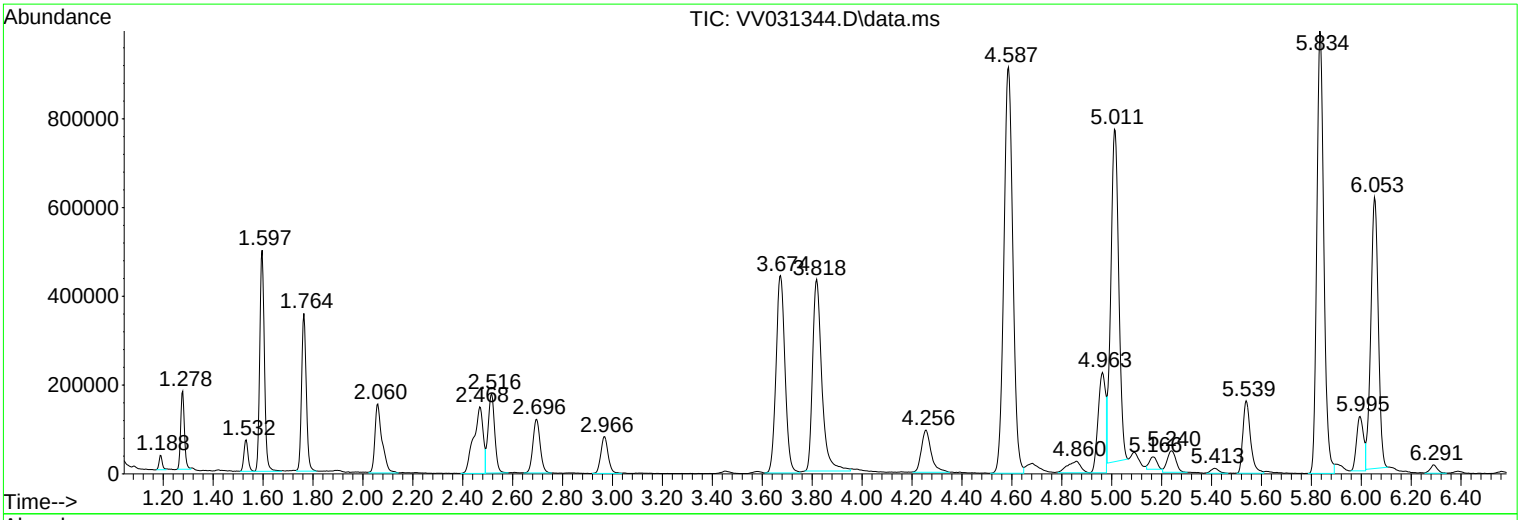
Sum of corrected areas: 19744300

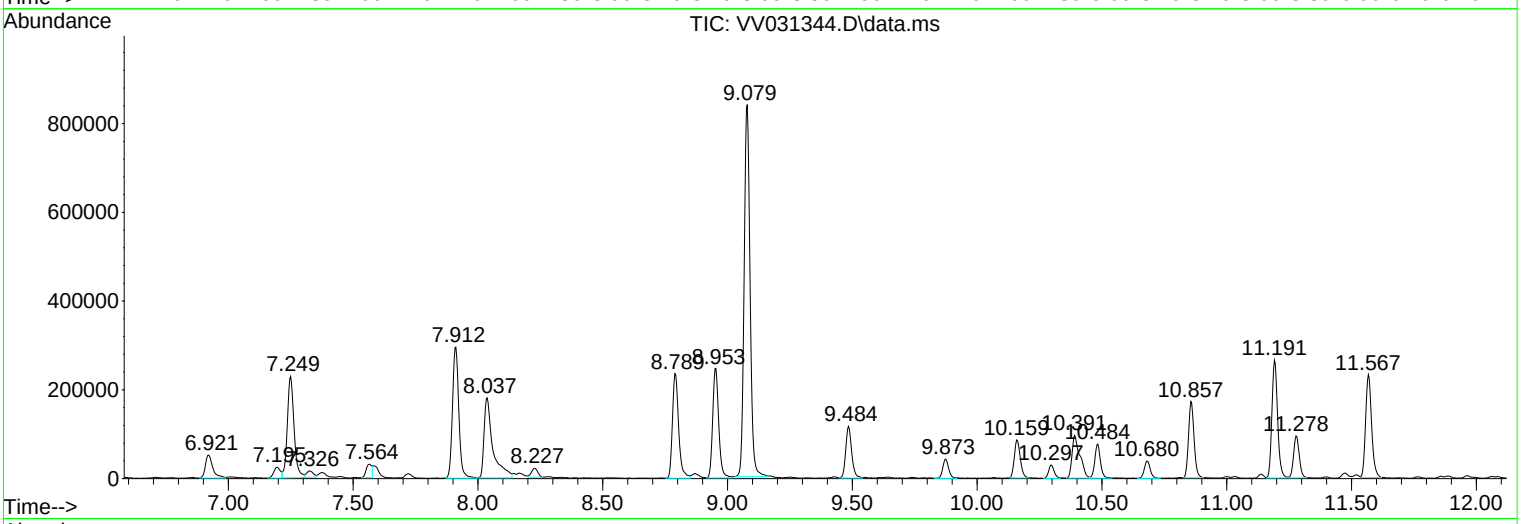
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060523\
Data File : VV031344.D
Acq On : 05 Jun 2023 14:06
Operator : SY/MD
Sample : 03000-05 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

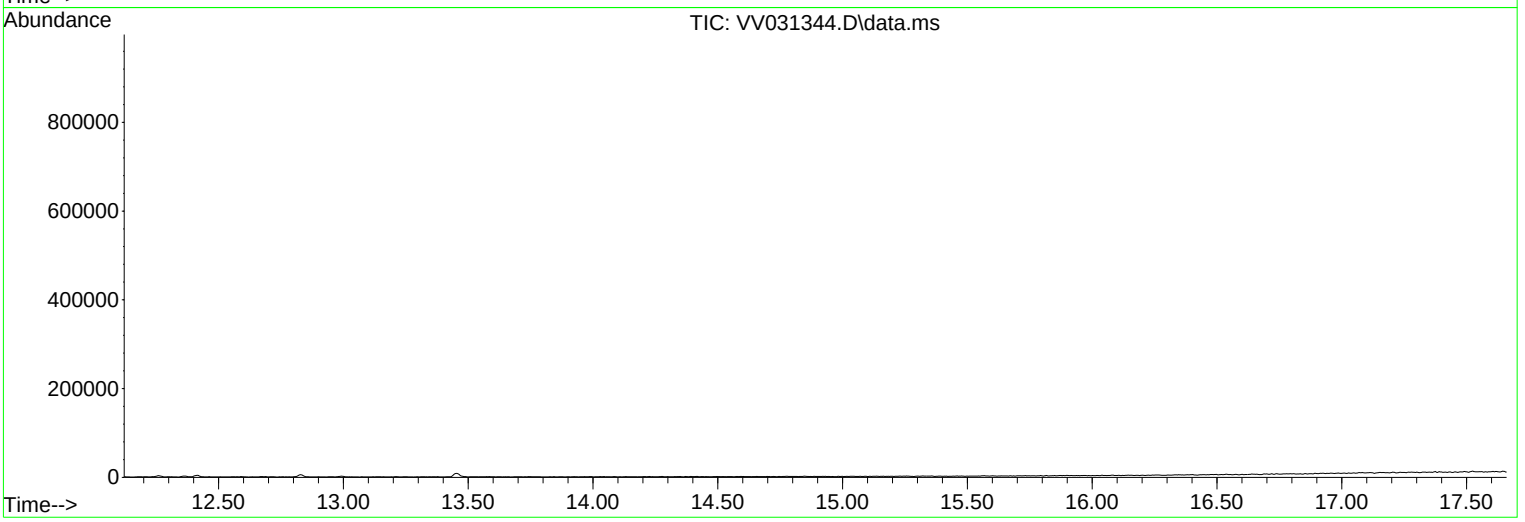
**Instrument :**
MSVOA_V
**ClientSampleId :**
F6C29

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
Quant Title : TRACE VOA SFAM1.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060523\
Data File : VV031344.D
Acq On : 05 Jun 2023 14:06
Operator : SY/MD
Sample : 03000-05 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
F6C29

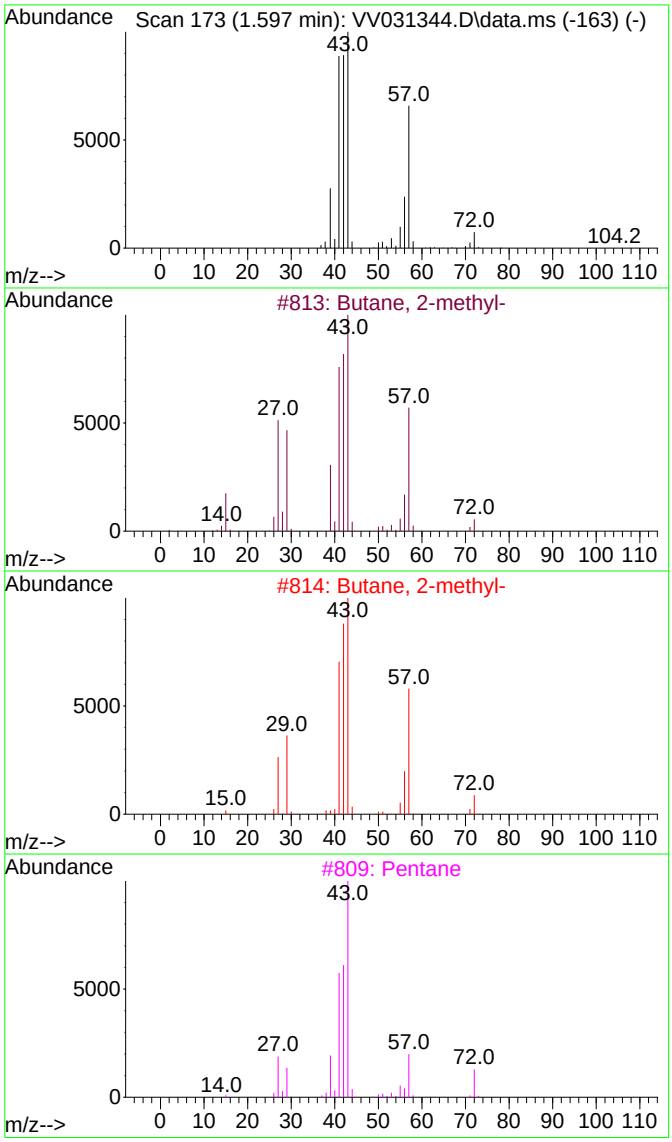
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
Quant Title : TRACE VOA SFAM1.0

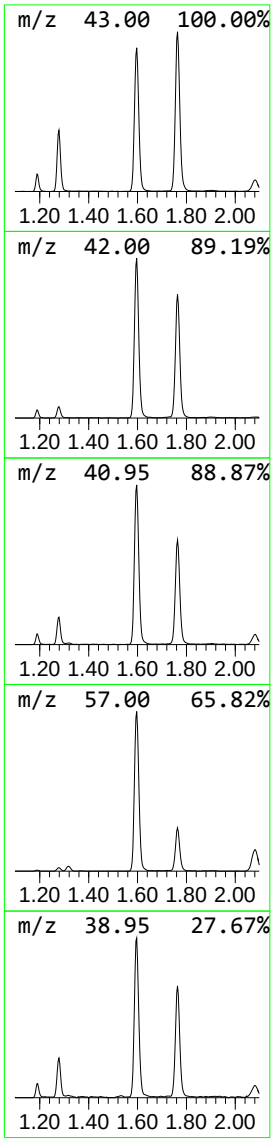
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 1.597 | 9.13 ug/L | 627480 | 1,4-Difluorobenzene | 5.539 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methyl- | 72 | C5H12 | 000078-78-4 | 86 |
| 2 | Butane, 2-methyl- | 72 | C5H12 | 000078-78-4 | 86 |
| 3 | Pentane | 72 | C5H12 | 000109-66-0 | 64 |
| 4 | 3-Buten-1-ol | 72 | C4H8O | 000627-27-0 | 28 |
| 5 | Propane, 2-methyl-1-nitro- | 103 | C4H9NO2 | 000625-74-1 | 10 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060523\
Data File : VV031344.D
Acq On : 05 Jun 2023 14:06
Operator : SY/MD
Sample : 03000-05 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
F6C29

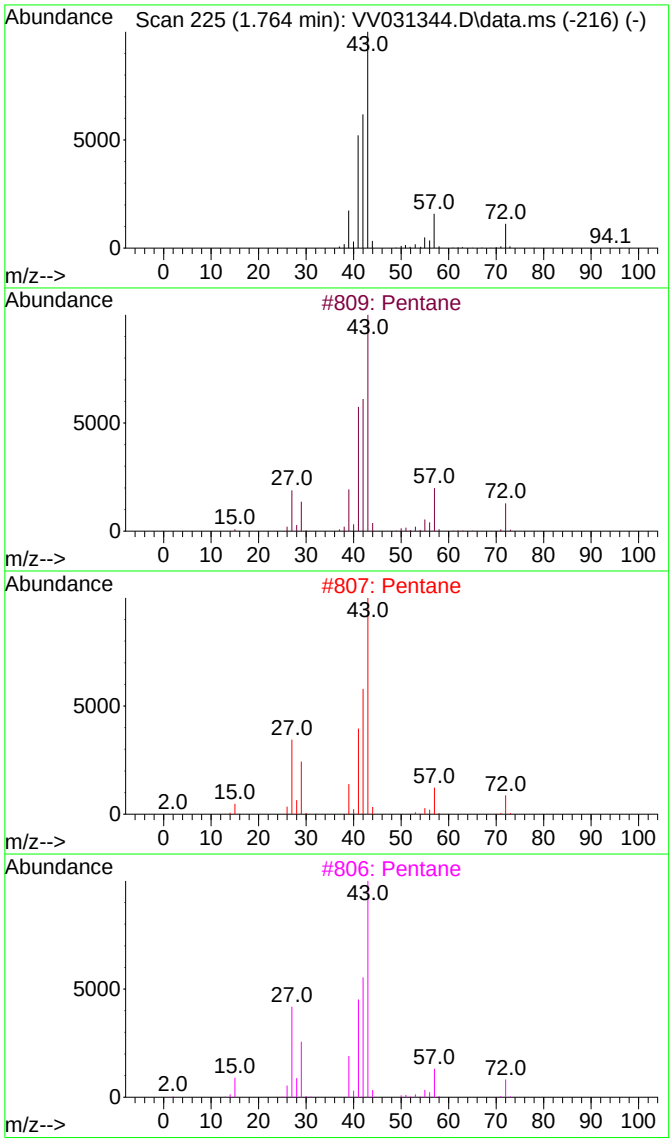
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
Quant Title : TRACE VOA SFAM1.0

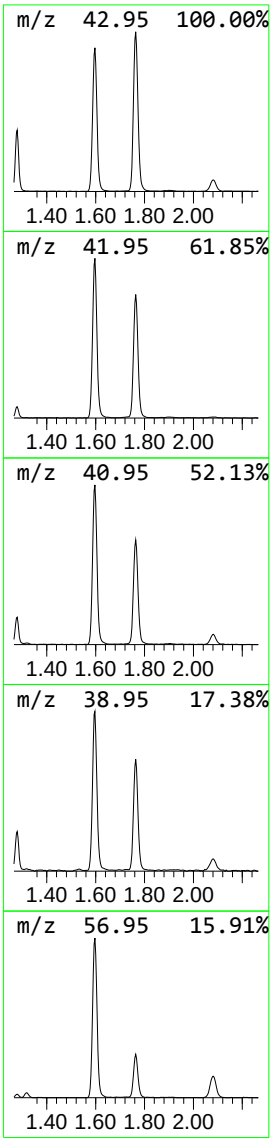
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 1.764 | 6.64 ug/L | 456409 | 1,4-Difluorobenzene | 5.539 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentane | 72 | C5H12 | 000109-66-0 | 91 |
| 2 | Pentane | 72 | C5H12 | 000109-66-0 | 90 |
| 3 | Pentane | 72 | C5H12 | 000109-66-0 | 86 |
| 4 | Pentane | 72 | C5H12 | 000109-66-0 | 86 |
| 5 | Pentane | 72 | C5H12 | 000109-66-0 | 72 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060523\
Data File : VV031344.D
Acq On : 05 Jun 2023 14:06
Operator : SY/MD
Sample : 03000-05 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
F6C29

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
Quant Title : TRACE VOA SFAM1.0

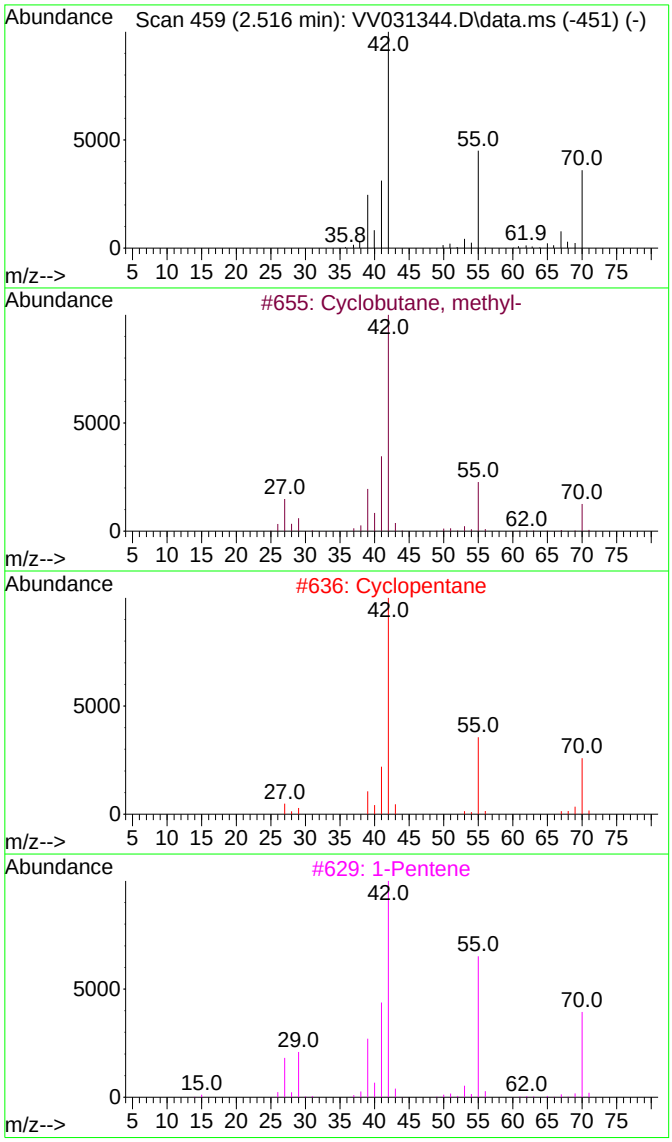
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

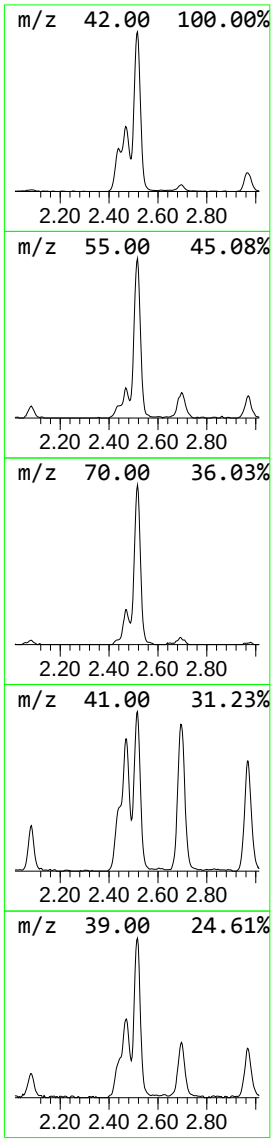
**********

Peak Number 3 (DEL) Alkane: Cyclic2.516 Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.516 | 4.75 ug/L | 326367 | 1,4-Difluorobenzene | 5.539 |

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060523\
Data File : VV031344.D
Acq On : 05 Jun 2023 14:06
Operator : SY/MD
Sample : 03000-05 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
F6C29

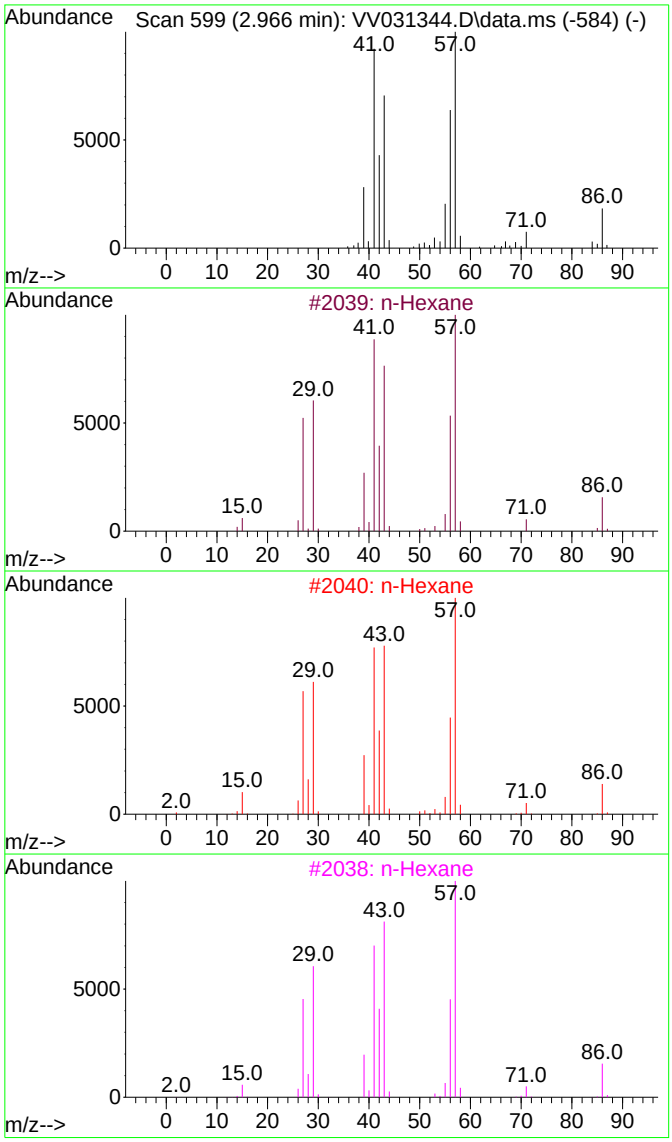
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
Quant Title : TRACE VOA SFAM1.0

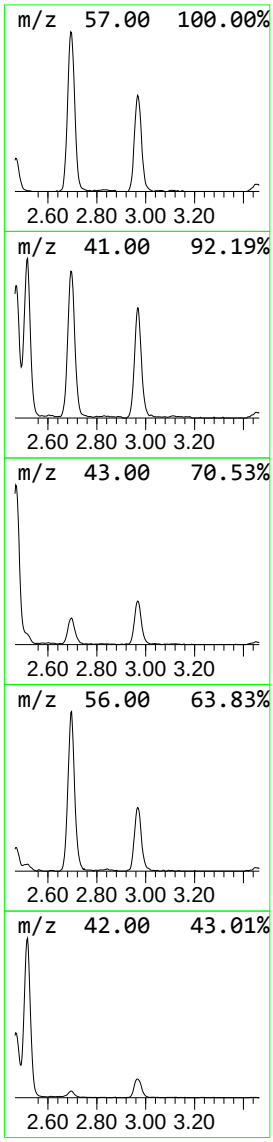
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.966 | 2.46 ug/L | 169101 | 1,4-Difluorobenzene | 5.539 |

| 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 | 90 |
| 3 | n-Hexane | 86 | C6H14 | 000110-54-3 | 72 |
| 4 | 2-Ethyl-oxetane | 86 | C5H10O | 1010386-40-2 | 72 |
| 5 | Pentane, 2,4-dimethyl- | 100 | C7H16 | 000108-08-7 | 64 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060523\
Data File : VV031344.D
Acq On : 05 Jun 2023 14:06
Operator : SY/MD
Sample : 03000-05 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
F6C29

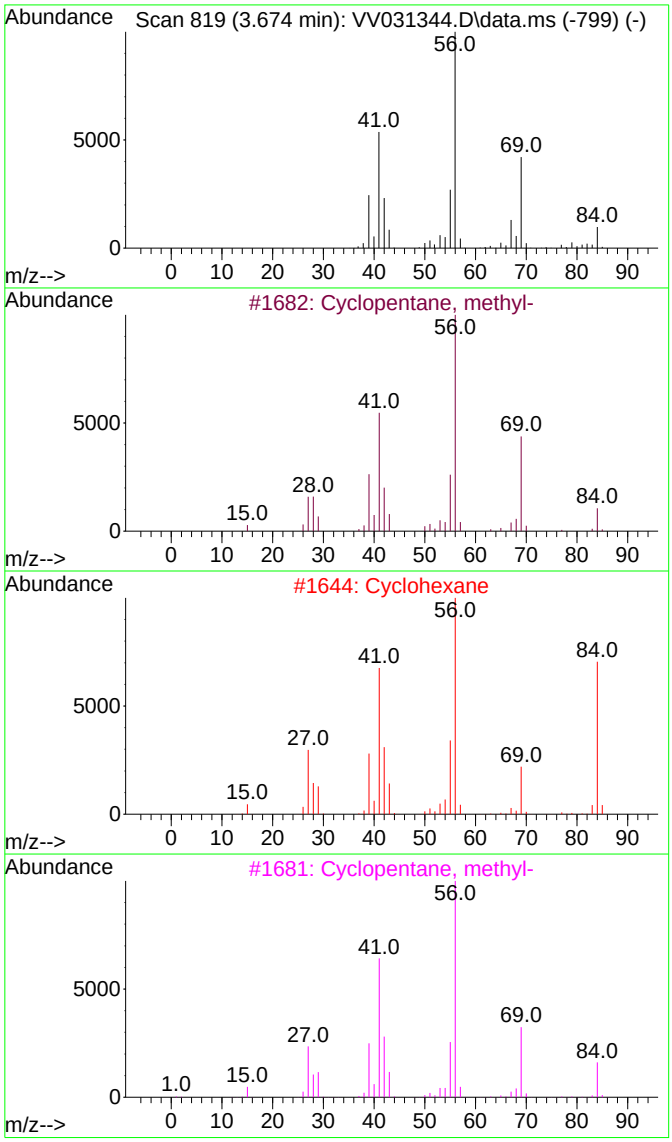
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
Quant Title : TRACE VOA SFAM1.0

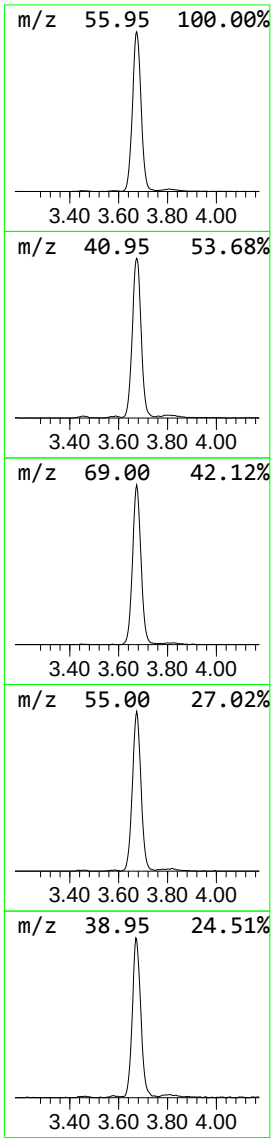
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 (DEL) Alkane: Cyclic3.674 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.674 | 16.09 ug/L | 1106510 | 1,4-Difluorobenzene | 5.539 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentane, methyl- | 84 | C6H12 | 000096-37-7 | 91 |
| 2 | Cyclohexane | 84 | C6H12 | 000110-82-7 | 86 |
| 3 | Cyclopentane, methyl- | 84 | C6H12 | 000096-37-7 | 86 |
| 4 | Cyclohexane | 84 | C6H12 | 000110-82-7 | 83 |
| 5 | Cyclopentane, methyl- | 84 | C6H12 | 000096-37-7 | 72 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060523\
Data File : VV031344.D
Acq On : 05 Jun 2023 14:06
Operator : SY/MD
Sample : 03000-05 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
F6C29

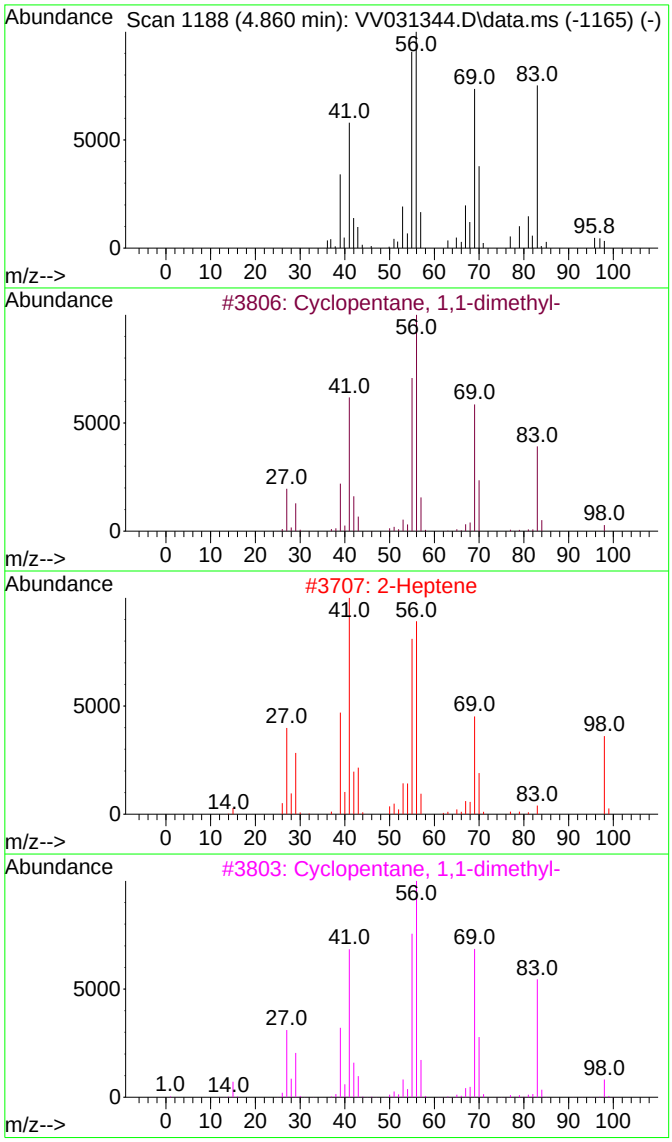
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
Quant Title : TRACE VOA SFAM1.0

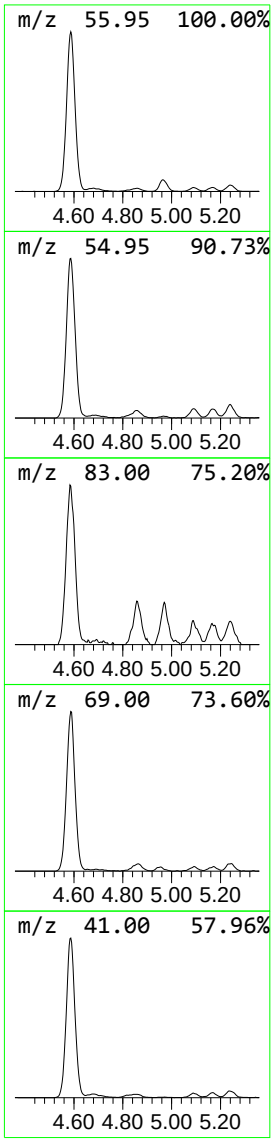
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 (DEL) Alkane: Cyclic4.860 Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.860 | 1.38 ug/L | 94767 | 1,4-Difluorobenzene | 5.539 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentane, 1,1-dimethyl- | 98 | C7H14 | 001638-26-2 | 50 |
| 2 | 2-Heptene | 98 | C7H14 | 000592-77-8 | 50 |
| 3 | Cyclopentane, 1,1-dimethyl- | 98 | C7H14 | 001638-26-2 | 42 |
| 4 | 1-Hexene, 3-methyl- | 98 | C7H14 | 003404-61-3 | 38 |
| 5 | (S)-(+)-3-Methyl-1-pentanol | 102 | C6H14O | 042072-39-9 | 37 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060523\
Data File : VV031344.D
Acq On : 05 Jun 2023 14:06
Operator : SY/MD
Sample : 03000-05 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
F6C29

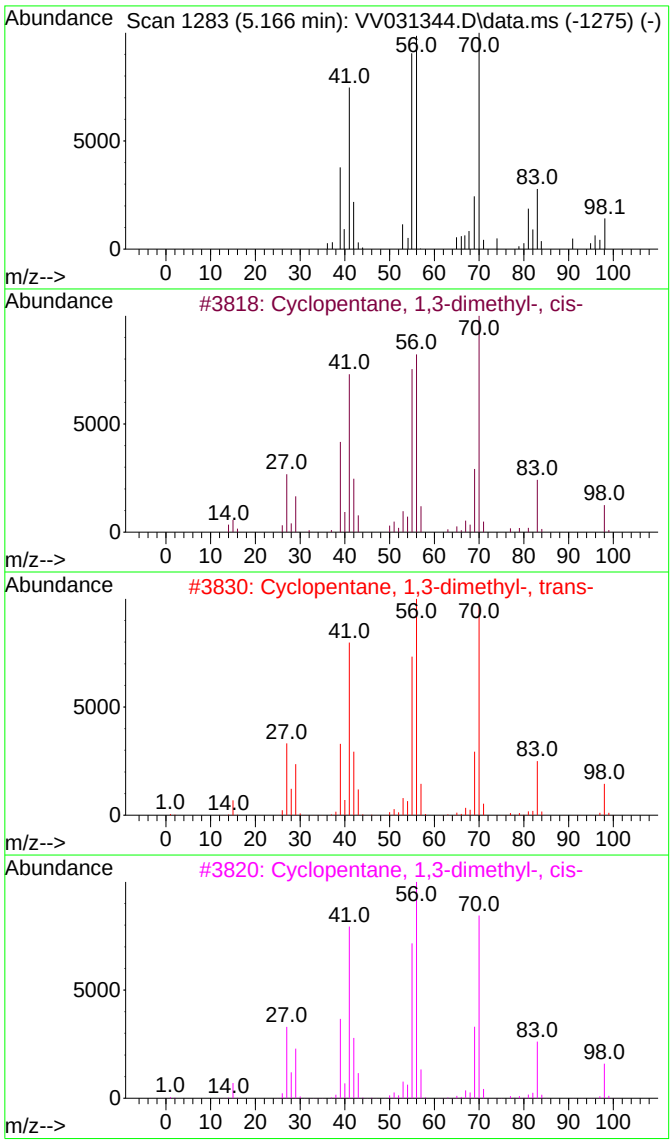
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
Quant Title : TRACE VOA SFAM1.0

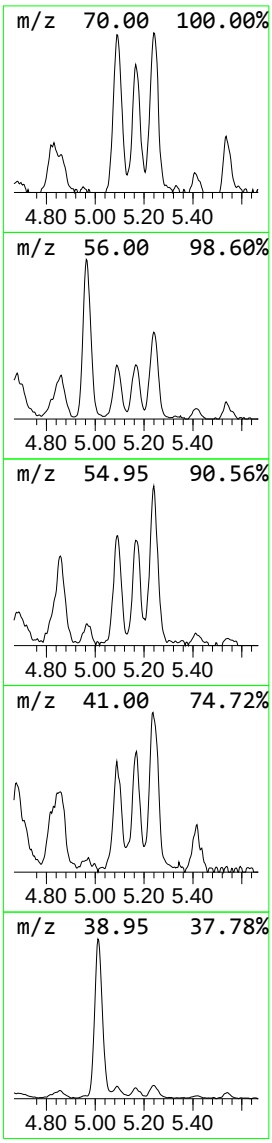
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 (DEL) Alkane: Cyclic5.166 Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.166 | 0.84 ug/L | 57876 | 1,4-Difluorobenzene | 5.539 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentane, 1,3-dimethyl-, cis- | 98 | C7H14 | 002532-58-3 | 93 |
| 2 | Cyclopentane, 1,3-dimethyl-, trans- | 98 | C7H14 | 001759-58-6 | 87 |
| 3 | Cyclopentane, 1,3-dimethyl-, cis- | 98 | C7H14 | 002532-58-3 | 87 |
| 4 | Cyclopentane, 1,3-dimethyl-, cis- | 98 | C7H14 | 002532-58-3 | 86 |
| 5 | Cyclopentane, 1,3-dimethyl- | 98 | C7H14 | 002453-00-1 | 83 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060523\
Data File : VV031344.D
Acq On : 05 Jun 2023 14:06
Operator : SY/MD
Sample : 03000-05 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
F6C29

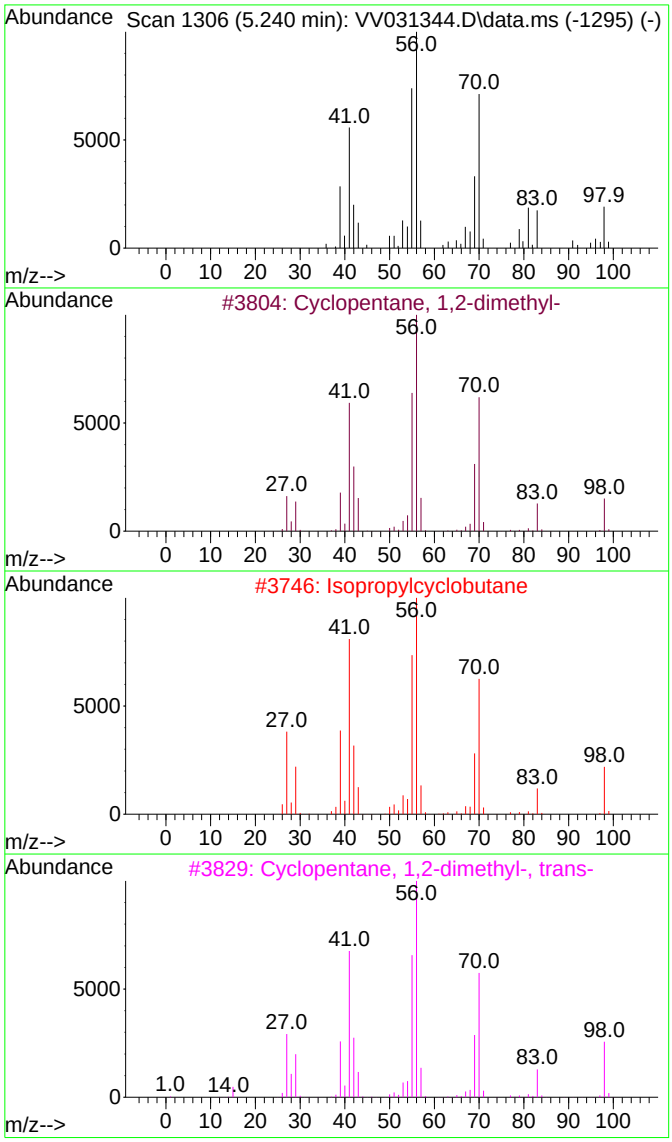
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
Quant Title : TRACE VOA SFAM1.0

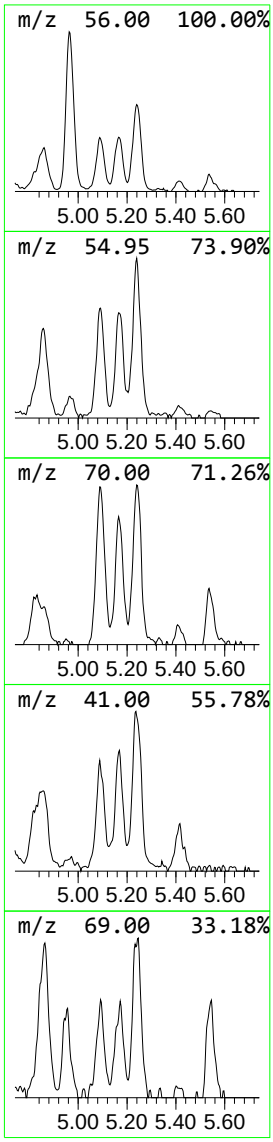
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 (DEL) Alkane: Cyclic5.240 Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.240 | 1.73 ug/L | 118860 | 1,4-Difluorobenzene | 5.539 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentane, 1,2-dimethyl- | 98 | C7H14 | 002452-99-5 | 90 |
| 2 | Isopropylcyclobutane | 98 | C7H14 | 000872-56-0 | 90 |
| 3 | Cyclopentane, 1,2-dimethyl-, trans- | 98 | C7H14 | 000822-50-4 | 90 |
| 4 | Cyclopentane, 1,2-dimethyl-, trans- | 98 | C7H14 | 000822-50-4 | 80 |
| 5 | 3-Heptene | 98 | C7H14 | 000592-78-9 | 72 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060523\
Data File : VV031344.D
Acq On : 05 Jun 2023 14:06
Operator : SY/MD
Sample : 03000-05 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
F6C29

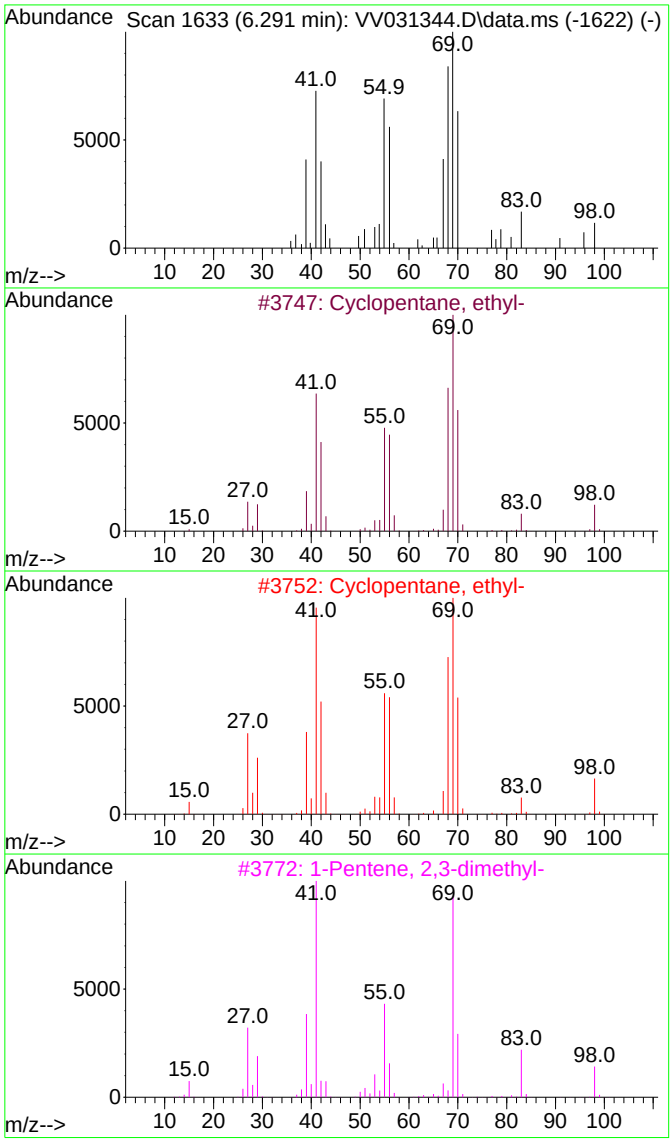
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
Quant Title : TRACE VOA SFAM1.0

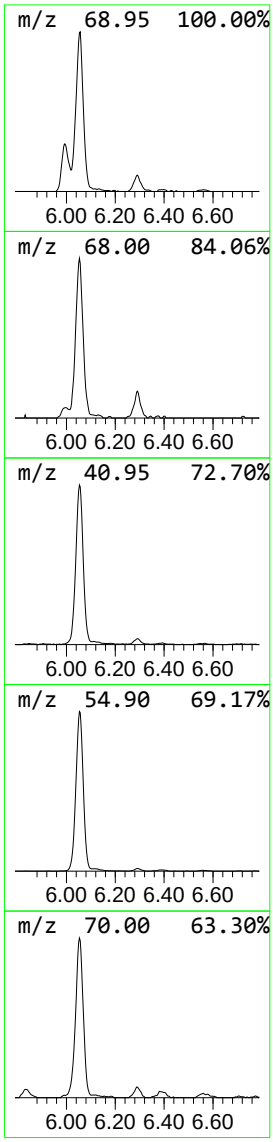
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 (DEL) Alkane: Cyclic6.291 Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.291 | 0.53 ug/L | 36461 | 1,4-Difluorobenzene | 5.539 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentane, ethyl- | 98 | C7H14 | 001640-89-7 | 74 |
| 2 | Cyclopentane, ethyl- | 98 | C7H14 | 001640-89-7 | 52 |
| 3 | 1-Pentene, 2,3-dimethyl- | 98 | C7H14 | 003404-72-6 | 38 |
| 4 | Cyclopentanone, 3-methyl- | 98 | C6H10O | 001757-42-2 | 35 |
| 5 | Cyclopentane, 1,2-dimethyl-, cis- | 98 | C7H14 | 001192-18-3 | 30 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060523\
Data File : VV031344.D
Acq On : 05 Jun 2023 14:06
Operator : SY/MD
Sample : 03000-05 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
F6C29

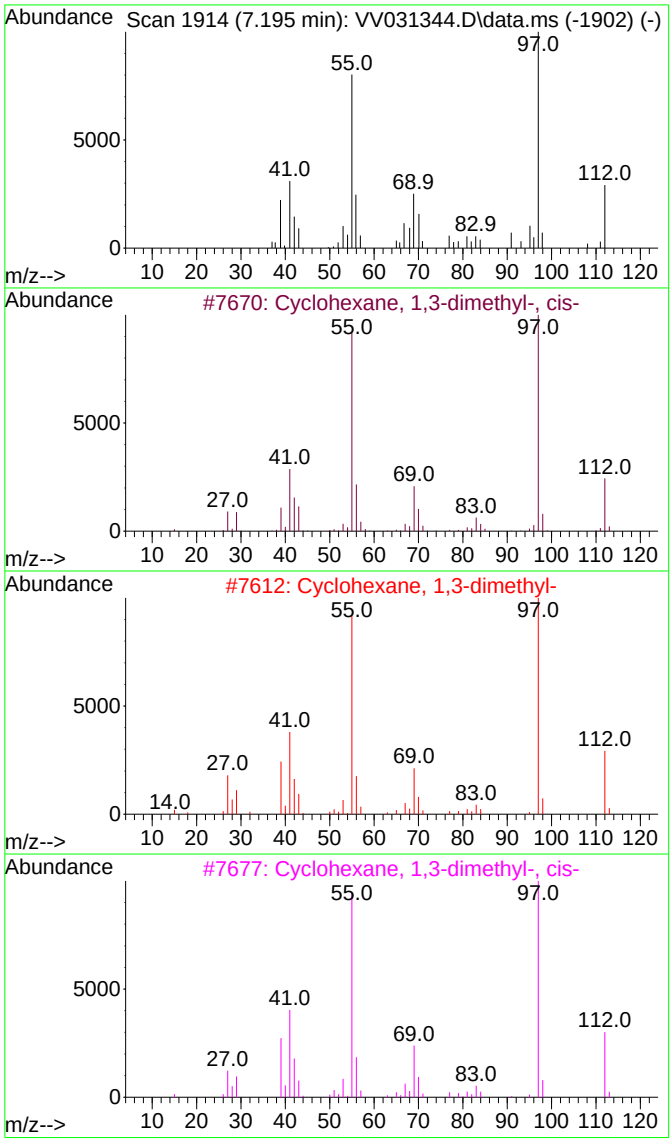
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
Quant Title : TRACE VOA SFAM1.0

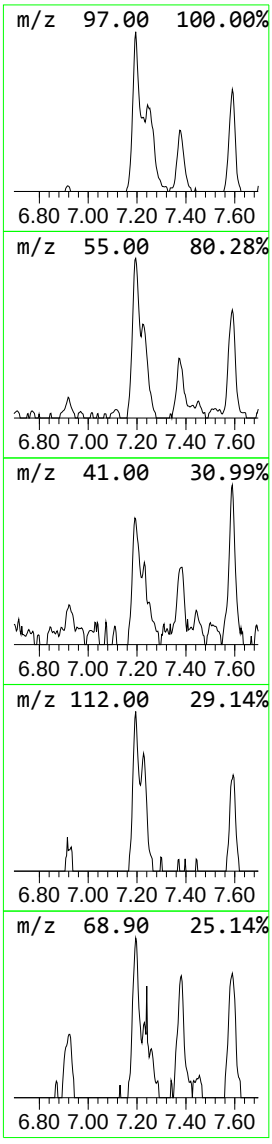
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 (DEL) Alkane: Cyclic7.195 Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.195 | 0.55 ug/L | 44398 | Chlorobenzene-d5 | 8.789 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1,3-dimethyl-, cis- | 112 | C8H16 | 000638-04-0 | 90 |
| 2 | Cyclohexane, 1,3-dimethyl- | 112 | C8H16 | 000591-21-9 | 81 |
| 3 | Cyclohexane, 1,3-dimethyl-, cis- | 112 | C8H16 | 000638-04-0 | 81 |
| 4 | Cyclohexane, 1,3-dimethyl-, cis- | 112 | C8H16 | 000638-04-0 | 81 |
| 5 | Cyclohexane, 1,4-dimethyl-, trans- | 112 | C8H16 | 002207-04-7 | 80 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060523\
Data File : VV031344.D
Acq On : 05 Jun 2023 14:06
Operator : SY/MD
Sample : 03000-05 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
F6C29

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
Quant Title : TRACE VOA SFAM1.0

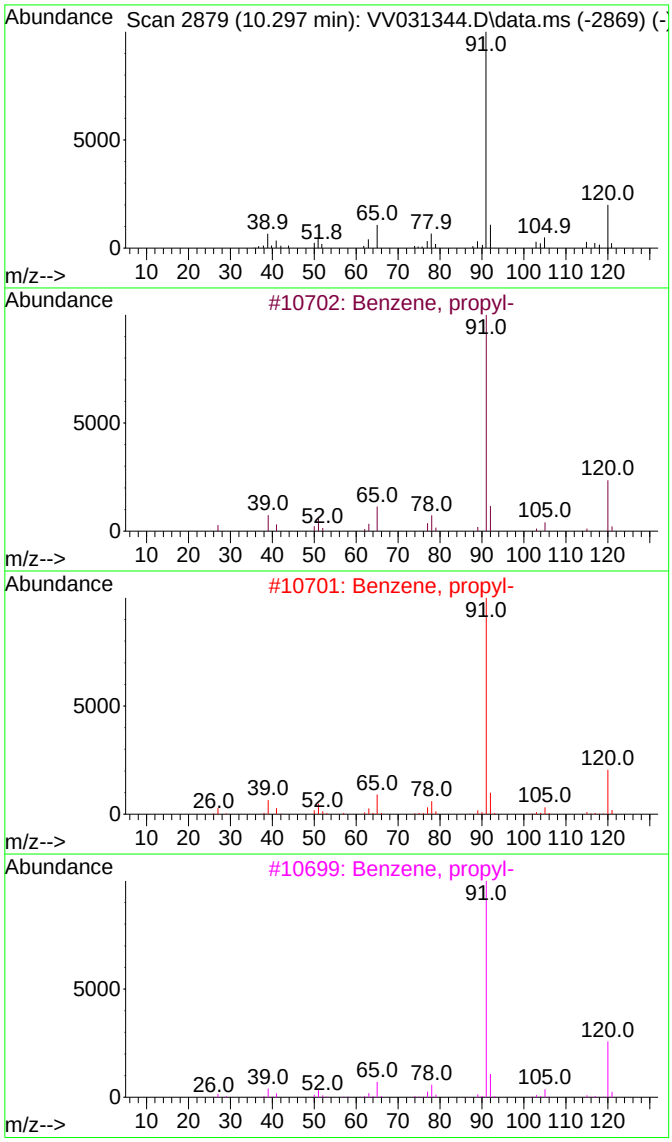
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

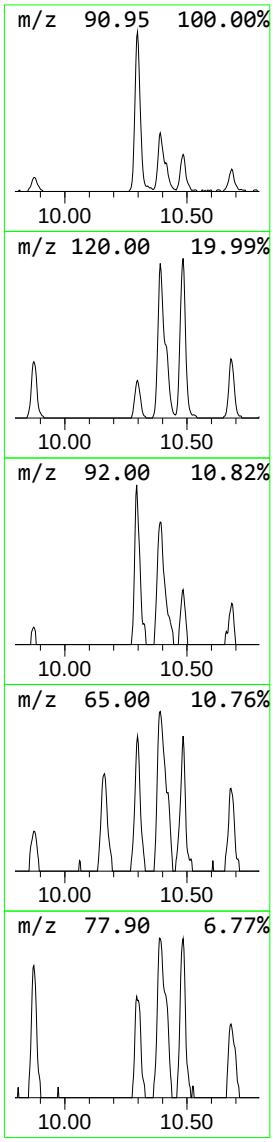
**********

Peak Number 12 Benzene, propyl- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.297 | 0.55 ug/L | 45890 | 1,4-Dichlorobenzene-d4 | 11.191 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 90 |
| 2 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 87 |
| 3 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 80 |
| 4 | Benzenemethanamine, N-[2-[(trime... | 223 | C12H21NOSi | 1343478-56-7 | 78 |
| 5 | N-Benzyl-2-phenethylamine | 211 | C15H17N | 003647-71-0 | 78 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060523\
Data File : VV031344.D
Acq On : 05 Jun 2023 14:06
Operator : SY/MD
Sample : 03000-05 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
F6C29

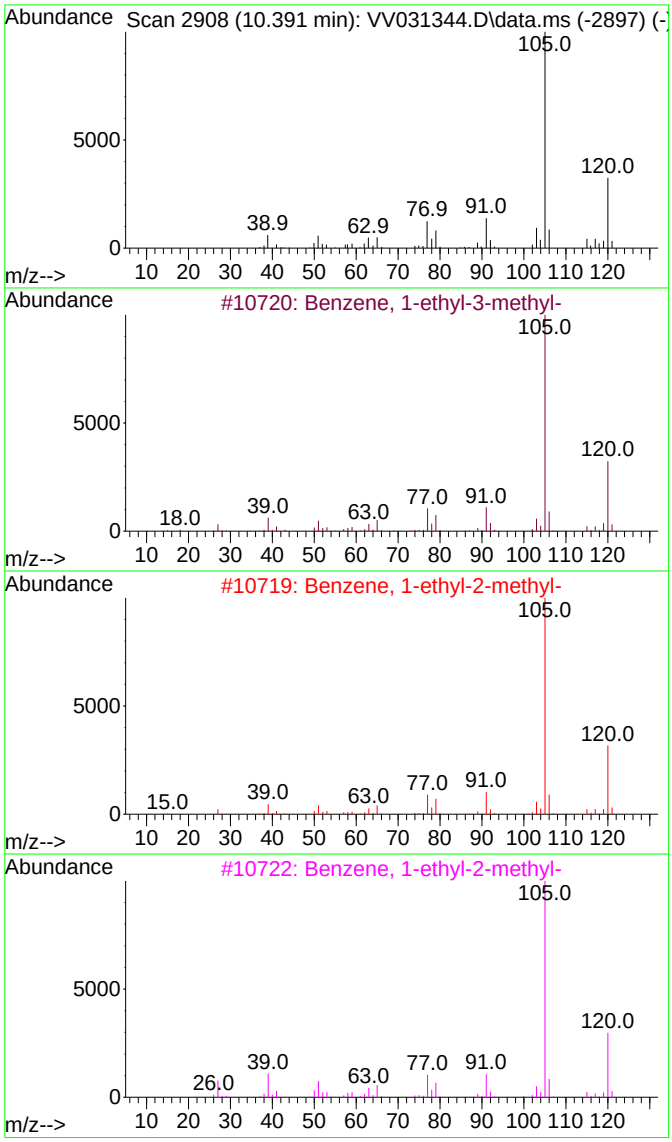
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
Quant Title : TRACE VOA SFAM1.0

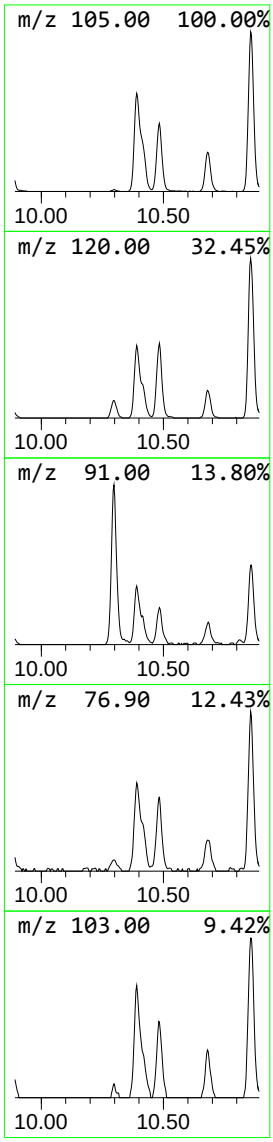
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 Benzene, 1-ethyl-3-methyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.391 | 2.49 ug/L | 209066 | 1,4-Dichlorobenzene-d4 | 11.191 |

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060523\
Data File : VV031344.D
Acq On : 05 Jun 2023 14:06
Operator : SY/MD
Sample : 03000-05 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
F6C29

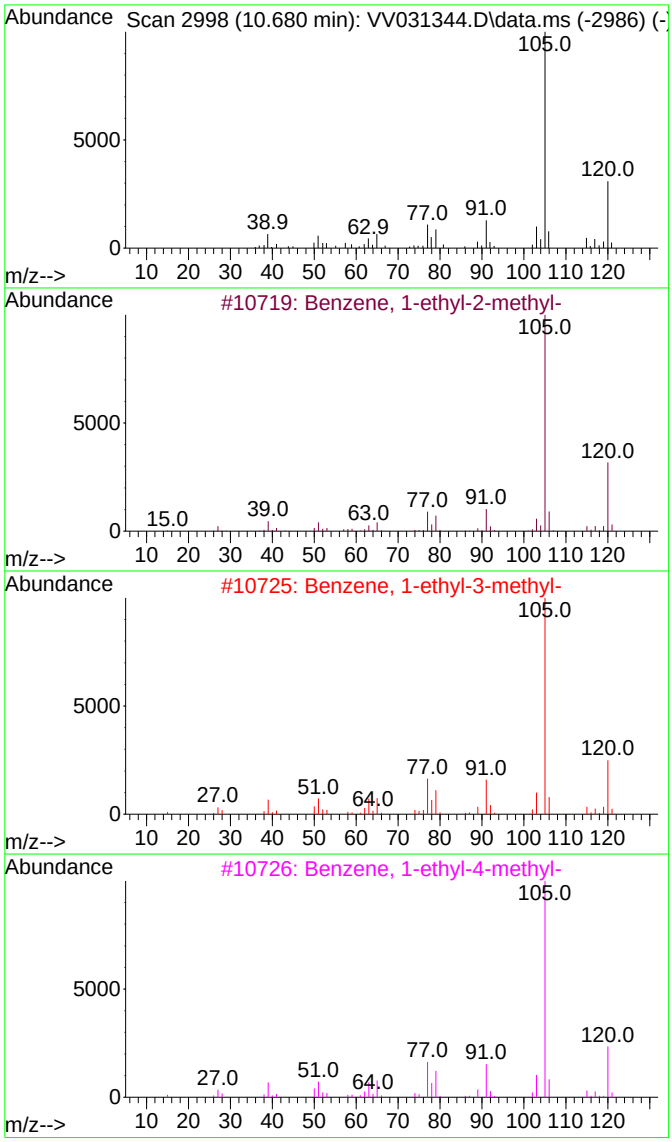
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
Quant Title : TRACE VOA SFAM1.0

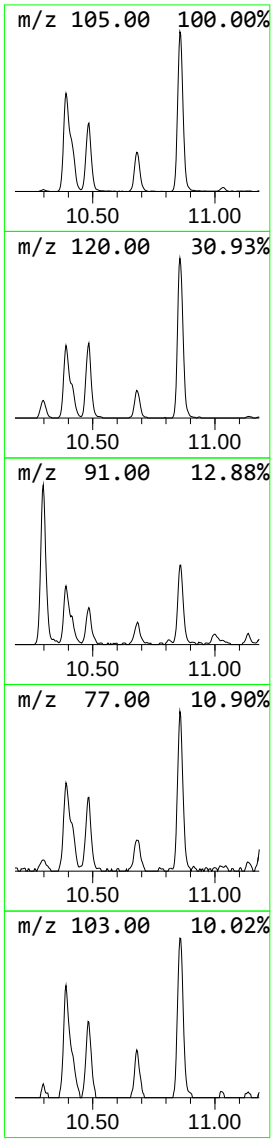
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 Benzene, 1-ethyl-2-methyl- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.680 | 0.77 ug/L | 64674 | 1,4-Dichlorobenzene-d4 | 11.191 |

| 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-3-methyl- | 120 | C9H12 | 000620-14-4 | 94 |
| 3 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 93 |
| 4 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 93 |
| 5 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060523\
Data File : VV031344.D
Acq On : 05 Jun 2023 14:06
Operator : SY/MD
Sample : 03000-05 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
F6C29

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
Quant Title : TRACE VOA SFAM1.0

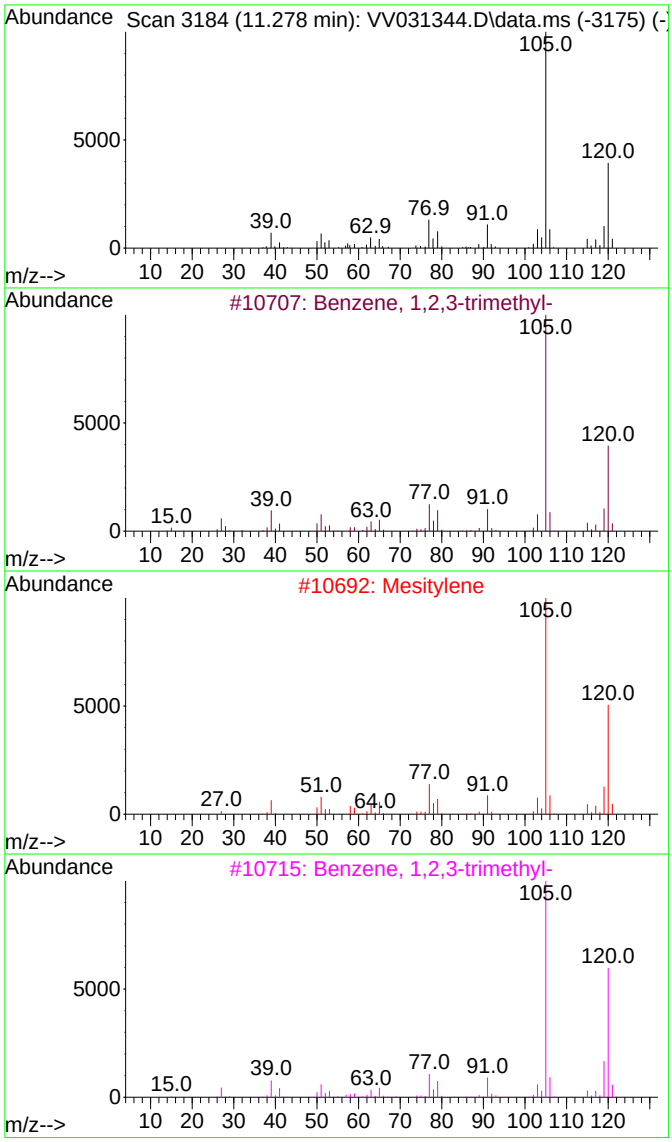
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

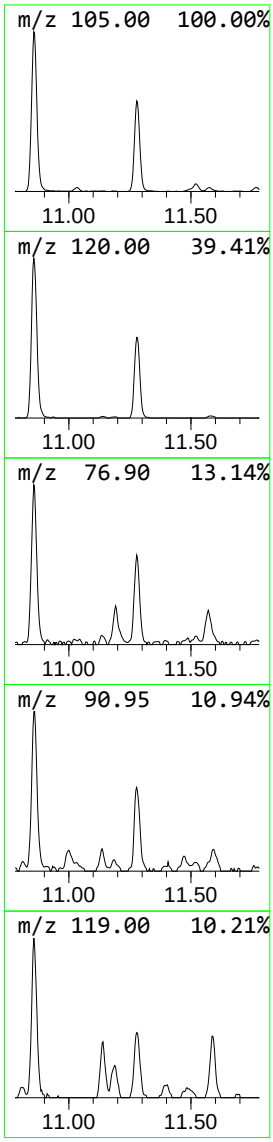
**********

Peak Number 15 Benzene, 1,2,3-trimethyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.278 | 1.74 ug/L | 146418 | 1,4-Dichlorobenzene-d4 | 11.191 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 95 |
| 2 | Mesitylene | 120 | C9H12 | 000108-67-8 | 95 |
| 3 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 95 |
| 4 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 94 |
| 5 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 91 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060523\
Data File : VV031344.D
Acq On : 05 Jun 2023 14:06
Operator : SY/MD
Sample : 03000-05 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
F6C29

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
Quant Title : TRACE VOA SFAM1.0

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

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| (DEL) Alkane: S... | 1.597 | 9.1 | ug/L | 627480 | 1 | 5.539 | 343781 | 5.0 |
| (DEL) Alkane: S... | 1.764 | 6.6 | ug/L | 456409 | 1 | 5.539 | 343781 | 5.0 |
| (DEL) Alkane: C... | 2.516 | 4.8 | ug/L | 326367 | 1 | 5.539 | 343781 | 5.0 |
| (DEL) Alkane: S... | 2.966 | 2.5 | ug/L | 169101 | 1 | 5.539 | 343781 | 5.0 |
| (DEL) Alkane: C... | 3.674 | 16.1 | ug/L | 1106510 | 1 | 5.539 | 343781 | 5.0 |
| (DEL) Alkane: C... | 4.860 | 1.4 | ug/L | 94767 | 1 | 5.539 | 343781 | 5.0 |
| (DEL) Alkane: C... | 5.166 | 0.8 | ug/L | 57876 | 1 | 5.539 | 343781 | 5.0 |
| (DEL) Alkane: C... | 5.240 | 1.7 | ug/L | 118860 | 1 | 5.539 | 343781 | 5.0 |
| (DEL) Alkane: C... | 6.291 | 0.5 | ug/L | 36461 | 1 | 5.539 | 343781 | 5.0 |
| (DEL) Alkane: C... | 7.195 | 0.6 | ug/L | 44398 | 2 | 8.789 | 406122 | 5.0 |
| Benzene, propyl- | 10.297 | 0.6 | ug/L | 45890 | 3 | 11.191 | 420585 | 5.0 |
| Benzene, 1-ethy... | 10.391 | 2.5 | ug/L | 209066 | 3 | 11.191 | 420585 | 5.0 |
| Benzene, 1-ethy... | 10.680 | 0.8 | ug/L | 64674 | 3 | 11.191 | 420585 | 5.0 |
| Benzene, 1,2,3-... | 11.278 | 1.7 | ug/L | 146418 | 3 | 11.191 | 420585 | 5.0 |