LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023826.D
Acq On : 07 Dec 2021 16:27
Operator : SY/MD
Sample : M4879-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0G31

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\SFAMVTR112321WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV023826.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.635 | 177 | 185 | 212 | rVB | 373630 | 485512 | 1.35% | 0.201% |
| 2 | 1.806 | 230 | 238 | 260 | rVB | 393870 | 516426 | 1.44% | 0.213% |
| 3 | 2.532 | 443 | 464 | 473 | rBV | 224243 | 500769 | 1.40% | 0.207% |
| 4 | 2.764 | 521 | 536 | 558 | rVB | 191385 | 383531 | 1.07% | 0.158% |
| 5 | 3.043 | 610 | 623 | 642 | rVB | 202215 | 396539 | 1.11% | 0.164% |
| 6 | 3.764 | 831 | 847 | 865 | rBV2 | 332759 | 817615 | 2.28% | 0.338% |
| 7 | 3.908 | 877 | 892 | 934 | rVB2 | 637356 | 1631053 | 4.55% | 0.674% |
| 8 | 4.677 | 1115 | 1131 | 1146 | rBV3 | 383222 | 958867 | 2.68% | 0.396% |
| 9 | 5.050 | 1231 | 1247 | 1258 | rBV3 | 179843 | 449875 | 1.26% | 0.186% |
| 10 | 5.317 | 1319 | 1330 | 1349 | rVB4 | 153624 | 369540 | 1.03% | 0.153% |
| 11 | 5.918 | 1503 | 1517 | 1549 | rVB2 | 626594 | 1573821 | 4.39% | 0.650% |
| 12 | 6.130 | 1572 | 1583 | 1597 | rVB3 | 327084 | 749163 | 2.09% | 0.310% |
| 13 | 6.571 | 1698 | 1720 | 1731 | rBV6 | 131266 | 405054 | 1.13% | 0.167% |
| 14 | 7.165 | 1891 | 1905 | 1922 | rVB6 | 143799 | 399587 | 1.11% | 0.165% |
| 15 | 7.387 | 1964 | 1974 | 1984 | rBV | 539517 | 891585 | 2.49% | 0.368% |
| 16 | 7.841 | 2107 | 2115 | 2141 | rVB | 307687 | 591020 | 1.65% | 0.244% |
| 17 | 7.976 | 2142 | 2157 | 2182 | rVB | 446488 | 827406 | 2.31% | 0.342% |
| 18 | 8.088 | 2182 | 2192 | 2201 | rBV | 282641 | 472445 | 1.32% | 0.195% |
| 19 | 8.853 | 2421 | 2430 | 2438 | rBV | 248257 | 377710 | 1.05% | 0.156% |
| 20 | 9.014 | 2468 | 2480 | 2500 | rVB | 7255872 | 11288310 | 31.50% | 4.665% |
| 21 | 9.140 | 2502 | 2519 | 2533 | rVB | 9701799 | 15675951 | 43.74% | 6.478% |
| 22 | 9.542 | 2634 | 2644 | 2659 | rVB | 2219893 | 3423449 | 9.55% | 1.415% |
| 23 | 9.931 | 2754 | 2765 | 2782 | rBV | 863987 | 1367833 | 3.82% | 0.565% |
| 24 | 10.352 | 2884 | 2896 | 2910 | rBV | 3494395 | 5204196 | 14.52% | 2.150% |
| 25 | 10.448 | 2911 | 2926 | 2931 | rBV | 7518597 | 12166465 | 33.95% | 5.027% |
| 26 | 10.541 | 2944 | 2955 | 2968 | rVB | 6127762 | 9013554 | 25.15% | 3.725% |
| 27 | 10.738 | 3004 | 3016 | 3038 | rBV | 5220993 | 8025710 | 22.39% | 3.316% |
| 28 | 10.921 | 3059 | 3073 | 3087 | rBV | 23444393 | 35840146 | 100.00% | 14.810% |
| 29 | 11.056 | 3103 | 3115 | 3119 | rBV2 | 222195 | 360175 | 1.00% | 0.149% |
| 30 | 11.088 | 3119 | 3125 | 3139 | rVB | 357520 | 560055 | 1.56% | 0.231% |
| 31 | 11.246 | 3165 | 3174 | 3186 | rVB3 | 427929 | 728892 | 2.03% | 0.301% |
| 32 | 11.336 | 3191 | 3202 | 3214 | rBV | 2116996 | 3114067 | 8.69% | 1.287% |
| 33 | 11.529 | 3249 | 3262 | 3274 | rBV2 | 8007078 | 15444672 | 43.09% | 6.382% |
| 34 | 11.638 | 3284 | 3296 | 3314 | rVB3 | 2867719 | 6020771 | 16.80% | 2.488% |
| 35 | 11.744 | 3319 | 3329 | 3342 | rVB | 502673 | 823228 | 2.30% | 0.340% |
| 36 | 11.818 | 3342 | 3352 | 3362 | rBV | 434782 | 660546 | 1.84% | 0.273% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023826.D
Acq On : 07 Dec 2021 16:27
Operator : SY/MD
Sample : M4879-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0G31

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\SFAMVTR112321WMA.M
Title : TRACE VOA SFAM1.0

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 11.911 | 3371 | 3381 | 3386 | rBV | 1936596 | 2886438 | 8.05% | 1.193% |
| 38 | 11.940 | 3387 | 3390 | 3401 | rVB | 1319264 | 1634550 | 4.56% | 0.675% |
| 39 | 12.017 | 3401 | 3414 | 3422 | rBV | 7377829 | 11744610 | 32.77% | 4.853% |
| 40 | 12.117 | 3434 | 3445 | 3467 | rBV | 5436214 | 9054747 | 25.26% | 3.742% |
| 41 | 12.303 | 3495 | 3503 | 3518 | rVB3 | 359714 | 732189 | 2.04% | 0.303% |
| 42 | 12.413 | 3518 | 3537 | 3546 | rBV | 4398093 | 6779418 | 18.92% | 2.801% |
| 43 | 12.467 | 3546 | 3554 | 3569 | rVB | 3664961 | 5431215 | 15.15% | 2.244% |
| 44 | 12.551 | 3569 | 3580 | 3587 | rBV | 1130178 | 1674840 | 4.67% | 0.692% |
| 45 | 12.686 | 3603 | 3622 | 3626 | rBV4 | 542032 | 1262704 | 3.52% | 0.522% |
| 46 | 12.725 | 3626 | 3634 | 3651 | rVB | 4051073 | 6291544 | 17.55% | 2.600% |
| 47 | 12.885 | 3663 | 3684 | 3693 | rBV2 | 8596881 | 14474124 | 40.39% | 5.981% |
| 48 | 12.947 | 3693 | 3703 | 3712 | rVV3 | 796634 | 1824302 | 5.09% | 0.754% |
| 49 | 12.998 | 3712 | 3719 | 3727 | rVV | 898511 | 1251716 | 3.49% | 0.517% |
| 50 | 13.049 | 3727 | 3735 | 3745 | rVB4 | 913782 | 1478825 | 4.13% | 0.611% |
| 51 | 13.165 | 3762 | 3771 | 3778 | rBV | 483798 | 759330 | 2.12% | 0.314% |
| 52 | 13.217 | 3778 | 3787 | 3795 | rVB | 1567548 | 2354023 | 6.57% | 0.973% |
| 53 | 13.271 | 3795 | 3804 | 3811 | rBV2 | 2427679 | 3618711 | 10.10% | 1.495% |
| 54 | 13.336 | 3819 | 3824 | 3828 | rBV | 479228 | 572670 | 1.60% | 0.237% |
| 55 | 13.368 | 3829 | 3834 | 3841 | rVV | 1318030 | 1664040 | 4.64% | 0.688% |
| 56 | 13.400 | 3841 | 3844 | 3856 | rVB | 687242 | 862709 | 2.41% | 0.356% |
| 57 | 13.500 | 3857 | 3875 | 3885 | rBV | 2762877 | 4614495 | 12.88% | 1.907% |
| 58 | 13.612 | 3901 | 3910 | 3919 | rBV6 | 388295 | 674959 | 1.88% | 0.279% |
| 59 | 13.709 | 3931 | 3940 | 3950 | rBV3 | 920778 | 1699065 | 4.74% | 0.702% |
| 60 | 13.770 | 3951 | 3959 | 3968 | rVV3 | 747024 | 1279237 | 3.57% | 0.529% |
| 61 | 13.821 | 3968 | 3975 | 3991 | rVB3 | 288953 | 509619 | 1.42% | 0.211% |
| 62 | 13.908 | 3992 | 4002 | 4015 | rVB | 1187449 | 1782550 | 4.97% | 0.737% |
| 63 | 14.037 | 4028 | 4042 | 4048 | rBV4 | 201863 | 400783 | 1.12% | 0.166% |
| 64 | 14.091 | 4048 | 4059 | 4072 | rBV2 | 1130559 | 2368609 | 6.61% | 0.979% |
| 65 | 14.236 | 4095 | 4104 | 4113 | rBV2 | 412955 | 698428 | 1.95% | 0.289% |
| 66 | 14.297 | 4114 | 4123 | 4134 | rVB5 | 761797 | 1478444 | 4.13% | 0.611% |
| 67 | 14.435 | 4155 | 4166 | 4180 | rBV5 | 391411 | 915144 | 2.55% | 0.378% |
| 68 | 14.628 | 4215 | 4226 | 4236 | rVV3 | 764899 | 1569729 | 4.38% | 0.649% |
| 69 | 14.815 | 4275 | 4284 | 4296 | rVB2 | 950917 | 1544915 | 4.31% | 0.638% |
| 70 | 15.339 | 4432 | 4447 | 4463 | rVB2 | 264217 | 606936 | 1.69% | 0.251% |
| 71 | 15.551 | 4505 | 4513 | 4522 | rBV3 | 301009 | 519892 | 1.45% | 0.215% |
| 72 | 15.663 | 4535 | 4548 | 4570 | rBV | 609754 | 1175011 | 3.28% | 0.486% |
| 73 | 15.808 | 4585 | 4593 | 4600 | rBV | 532121 | 818530 | 2.28% | 0.338% |
| 74 | 15.847 | 4600 | 4605 | 4621 | rVB | 314260 | 475351 | 1.33% | 0.196% |

Sum of corrected areas: 241999940

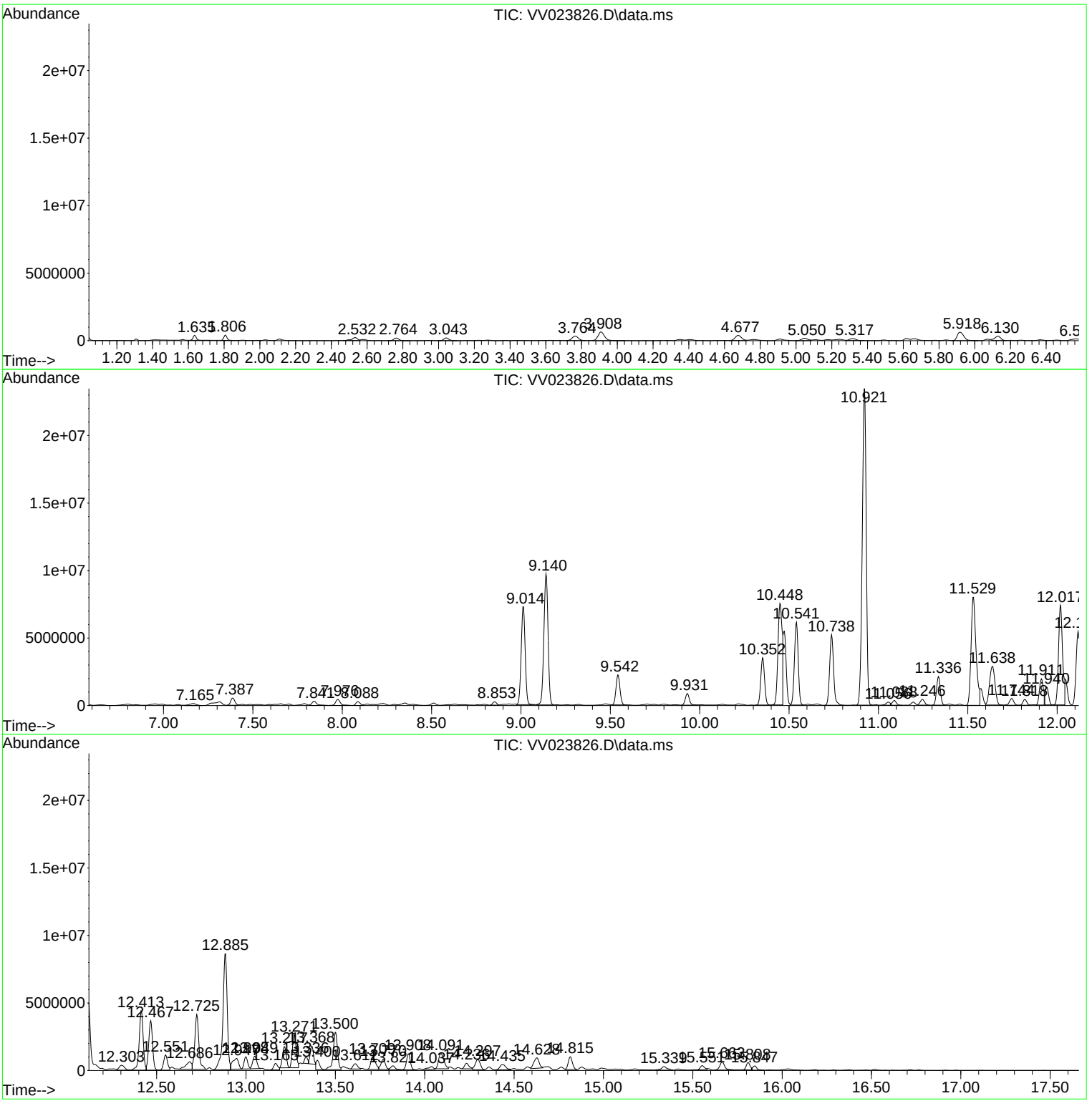
**Instrument :**
MSVOA_V
**ClientSampleId :**
C0G31

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023826.D
Acq On : 07 Dec 2021 16:27
Operator : SY/MD
Sample : M4879-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0G31

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.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\VV120721\
Data File : VV023826.D
Acq On : 07 Dec 2021 16:27
Operator : SY/MD
Sample : M4879-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0G31

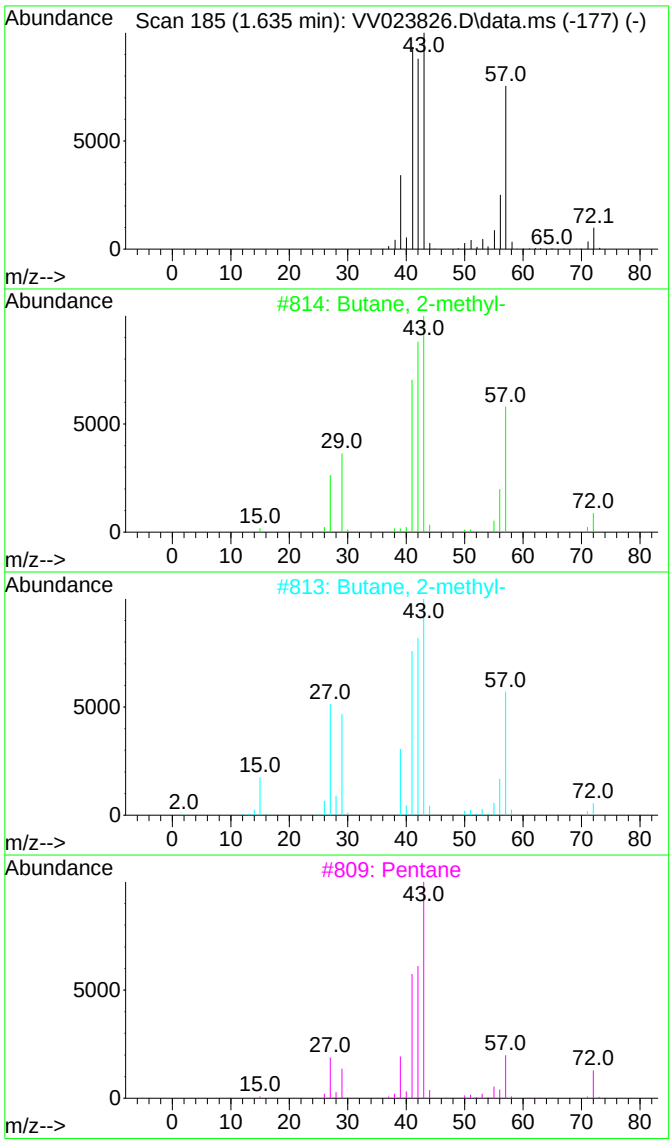
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

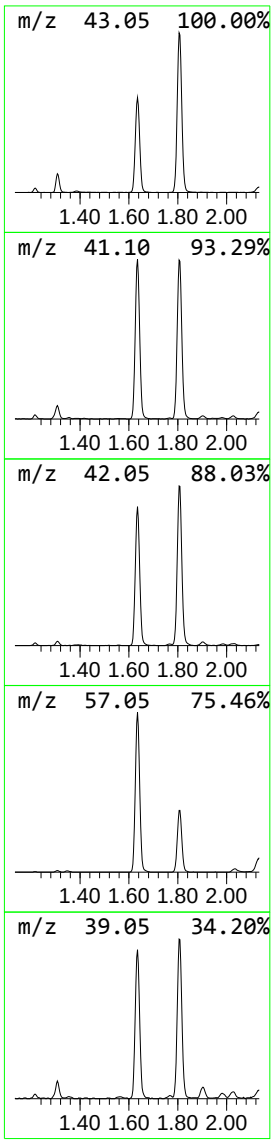
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 52

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 1.635 | 1.54 ug/L | 485512 | 1,4-Difluorobenzene | 5.619 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methyl- | 72 | C5H12 | 000078-78-4 | 90 |
| 2 | Butane, 2-methyl- | 72 | C5H12 | 000078-78-4 | 90 |
| 3 | Pentane | 72 | C5H12 | 000109-66-0 | 28 |
| 4 | 3-Buten-1-ol | 72 | C4H8O | 000627-27-0 | 25 |
| 5 | 3-Buten-1-ol | 72 | C4H8O | 000627-27-0 | 25 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023826.D
Acq On : 07 Dec 2021 16:27
Operator : SY/MD
Sample : M4879-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0G31

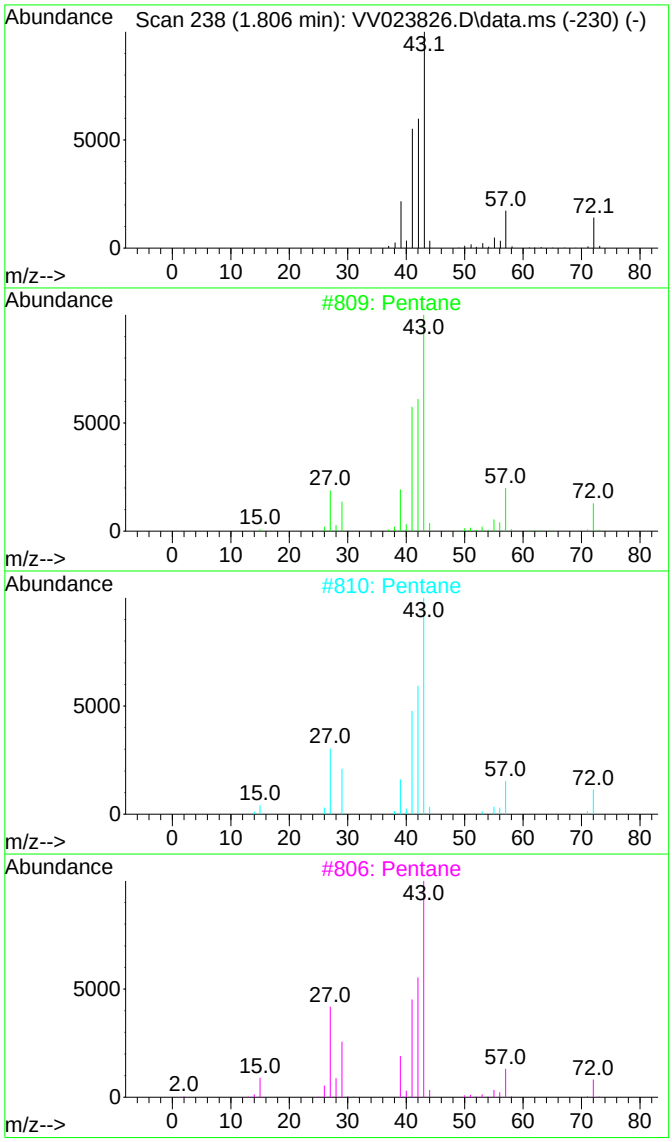
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

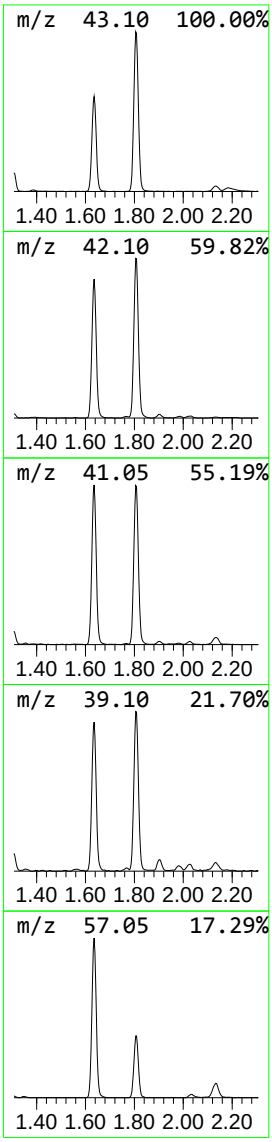
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 50

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 1.806 | 1.64 ug/L | 516426 | 1,4-Difluorobenzene | 5.619 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentane | 72 | C5H12 | 000109-66-0 | 91 |
| 2 | Pentane | 72 | C5H12 | 000109-66-0 | 86 |
| 3 | Pentane | 72 | C5H12 | 000109-66-0 | 86 |
| 4 | Pentane | 72 | C5H12 | 000109-66-0 | 86 |
| 5 | Pentane | 72 | C5H12 | 000109-66-0 | 80 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023826.D
Acq On : 07 Dec 2021 16:27
Operator : SY/MD
Sample : M4879-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0G31

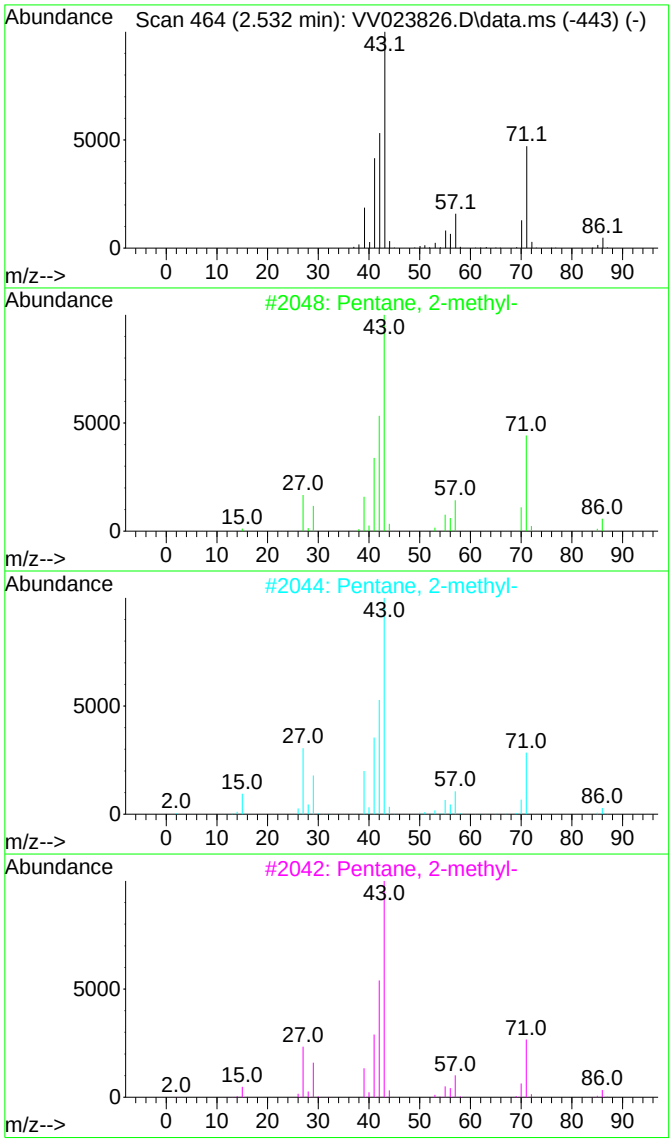
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

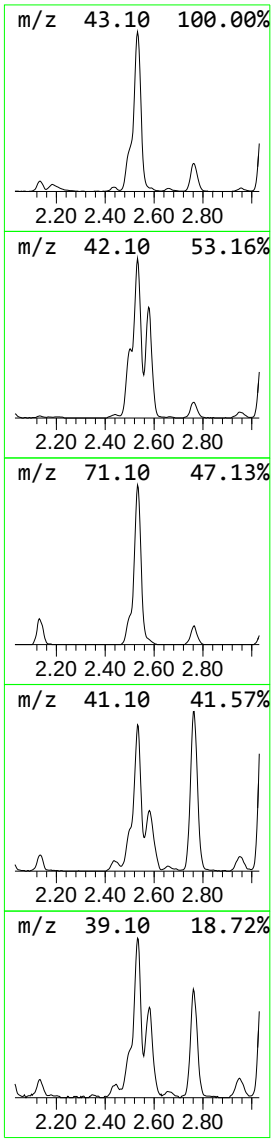
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 51

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.532 | 1.59 ug/L | 500769 | 1,4-Difluorobenzene | 5.619 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentane, 2-methyl- | 86 | C6H14 | 000107-83-5 | 91 |
| 2 | Pentane, 2-methyl- | 86 | C6H14 | 000107-83-5 | 91 |
| 3 | Pentane, 2-methyl- | 86 | C6H14 | 000107-83-5 | 91 |
| 4 | Pentane, 2-methyl- | 86 | C6H14 | 000107-83-5 | 87 |
| 5 | Pentane, 2-methyl- | 86 | C6H14 | 000107-83-5 | 83 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023826.D
Acq On : 07 Dec 2021 16:27
Operator : SY/MD
Sample : M4879-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0G31

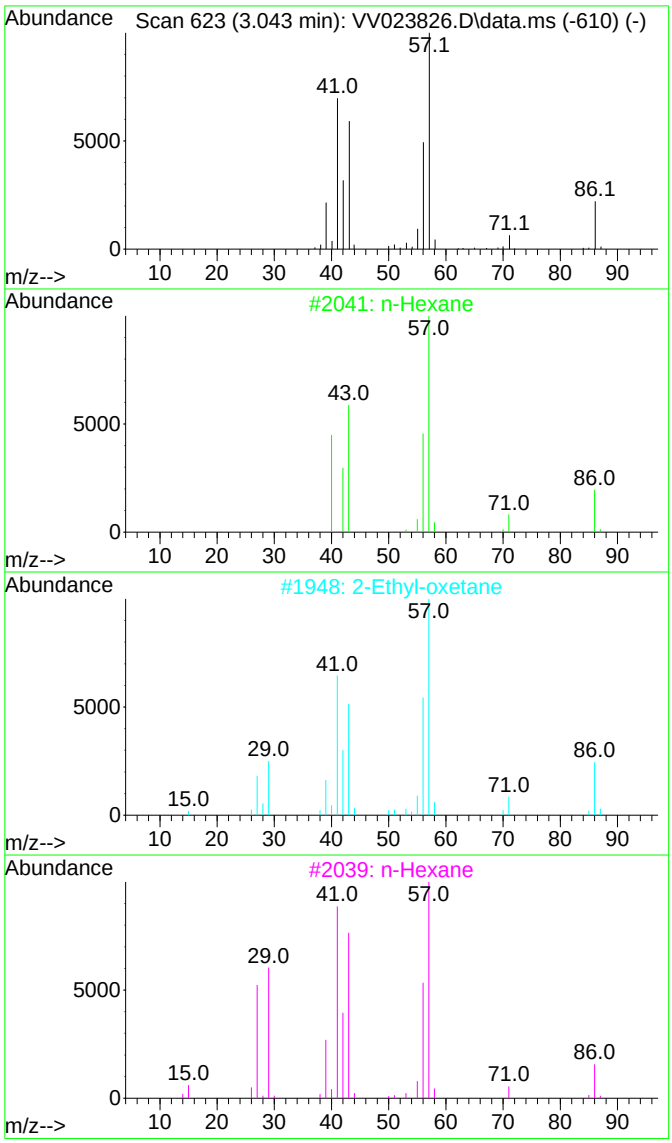
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

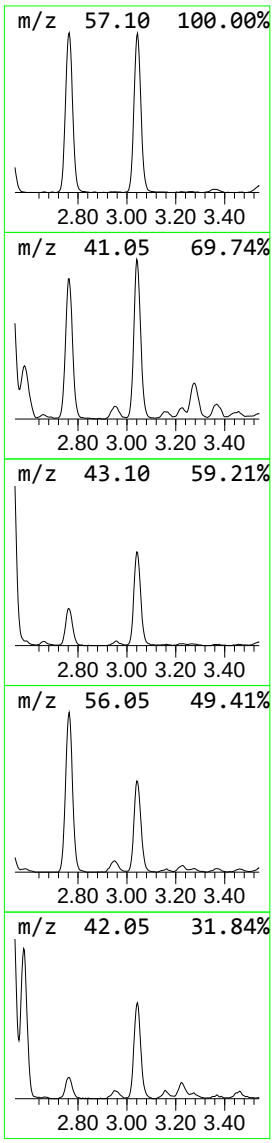
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 55

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.043 | 1.26 ug/L | 396539 | 1,4-Difluorobenzene | 5.619 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexane | 86 | C6H14 | 000110-54-3 | 87 |
| 2 | 2-Ethyl-oxetane | 86 | C5H10O | 1010386-40-2 | 80 |
| 3 | n-Hexane | 86 | C6H14 | 000110-54-3 | 78 |
| 4 | n-Hexane | 86 | C6H14 | 000110-54-3 | 72 |
| 5 | n-Hexane | 86 | C6H14 | 000110-54-3 | 72 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023826.D
Acq On : 07 Dec 2021 16:27
Operator : SY/MD
Sample : M4879-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0G31

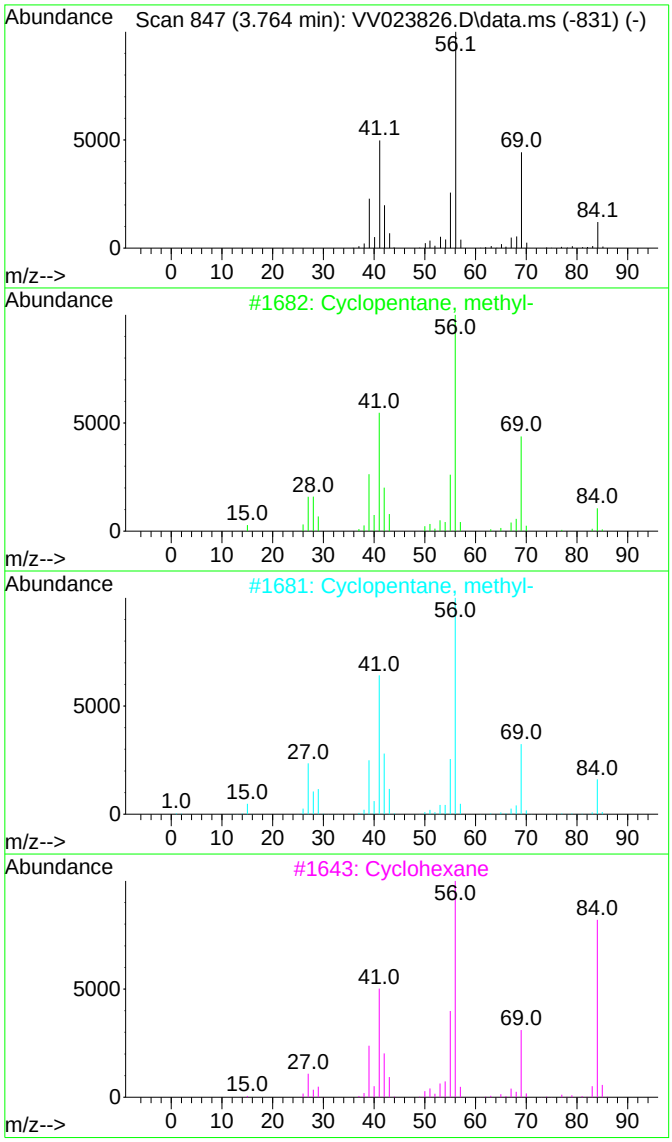
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

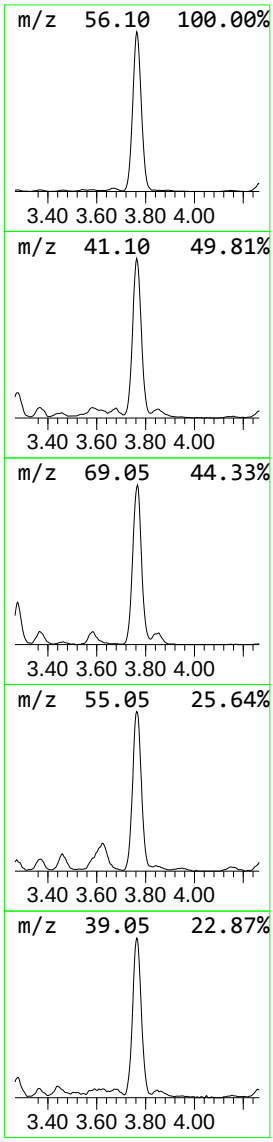
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 (DEL) Alkane: Cyclic3.764 Concentration Rank 48

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.764 | 2.60 ug/L | 817615 | 1,4-Difluorobenzene | 5.619 |

| 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 | 91 |
| 3 | Cyclohexane | 84 | C6H12 | 000110-82-7 | 80 |
| 4 | 1H-Tetrazole, 5-methyl- | 84 | C2H4N4 | 004076-36-2 | 80 |
| 5 | Cyclopentane, methyl- | 84 | C6H12 | 000096-37-7 | 78 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023826.D
Acq On : 07 Dec 2021 16:27
Operator : SY/MD
Sample : M4879-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0G31

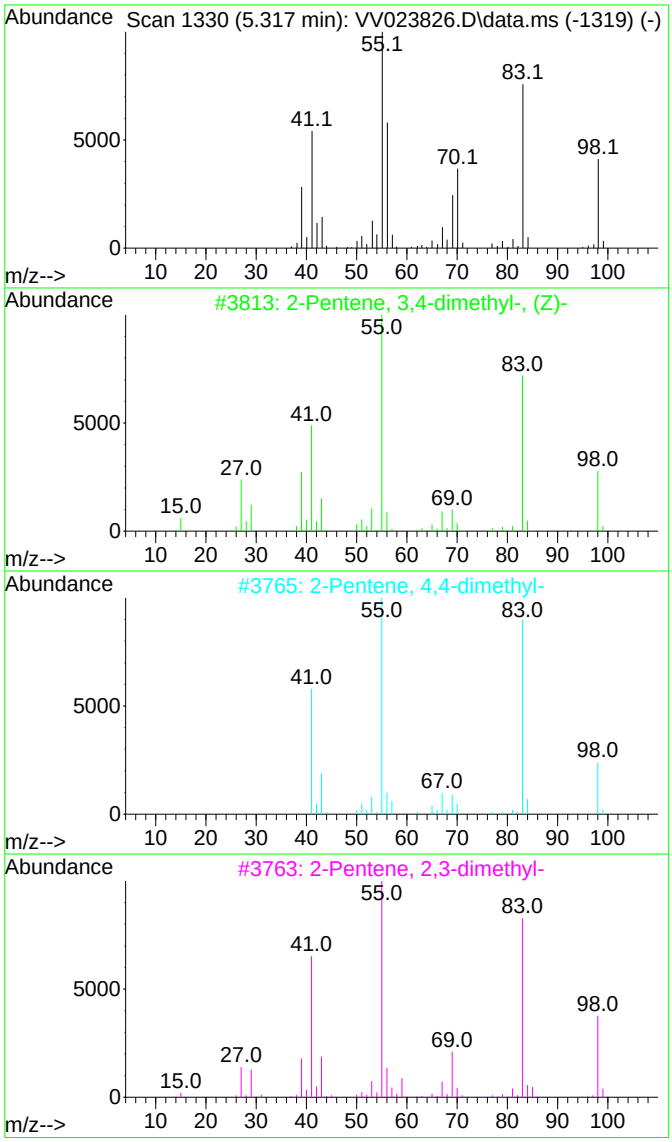
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

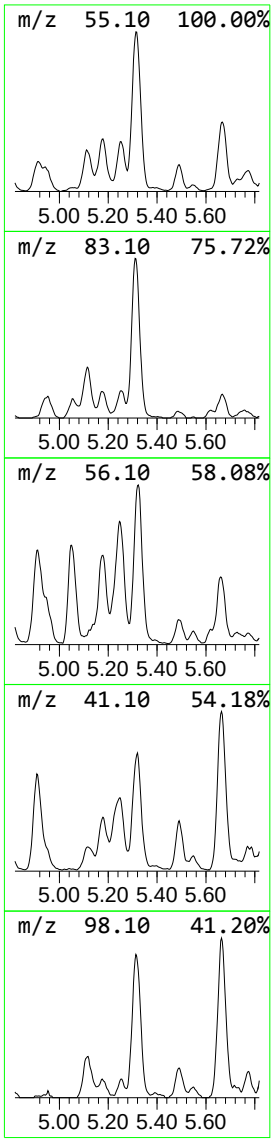
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 56

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.317 | 1.17 ug/L | 369540 | 1,4-Difluorobenzene | 5.619 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentene, 3,4-dimethyl-, (Z)- | 98 | C7H14 | 004914-91-4 | 76 |
| 2 | 2-Pentene, 4,4-dimethyl- | 98 | C7H14 | 026232-98-4 | 76 |
| 3 | 2-Pentene, 2,3-dimethyl- | 98 | C7H14 | 010574-37-5 | 68 |
| 4 | Cyclohexane, methyl- | 98 | C7H14 | 000108-87-2 | 64 |
| 5 | 3-Penten-2-one, 4-methyl- | 98 | C6H10O | 000141-79-7 | 58 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023826.D
Acq On : 07 Dec 2021 16:27
Operator : SY/MD
Sample : M4879-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0G31

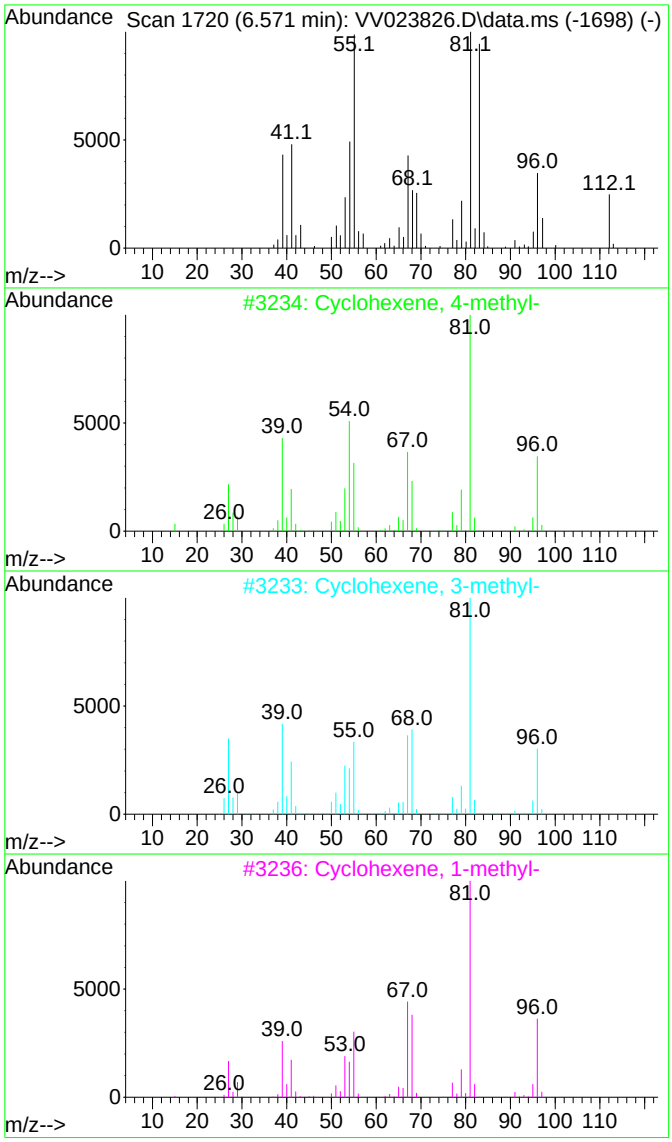
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

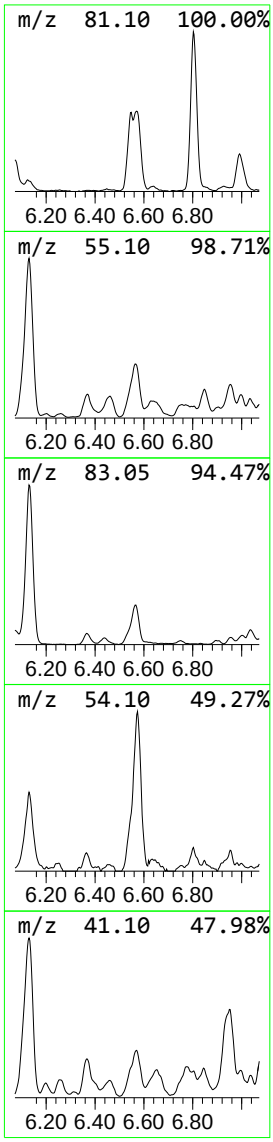
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Cyclohexene, 4-methyl- Concentration Rank 53

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.571 | 1.29 ug/L | 405054 | 1,4-Difluorobenzene | 5.619 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexene, 4-methyl- | 96 | C7H12 | 000591-47-9 | 92 |
| 2 | Cyclohexene, 3-methyl- | 96 | C7H12 | 000591-48-0 | 50 |
| 3 | Cyclohexene, 1-methyl- | 96 | C7H12 | 000591-49-1 | 46 |
| 4 | Cyclohexene, 1-methyl- | 96 | C7H12 | 000591-49-1 | 46 |
| 5 | Cyclohexene, 4-methyl- | 96 | C7H12 | 000591-47-9 | 45 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023826.D
Acq On : 07 Dec 2021 16:27
Operator : SY/MD
Sample : M4879-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0G31

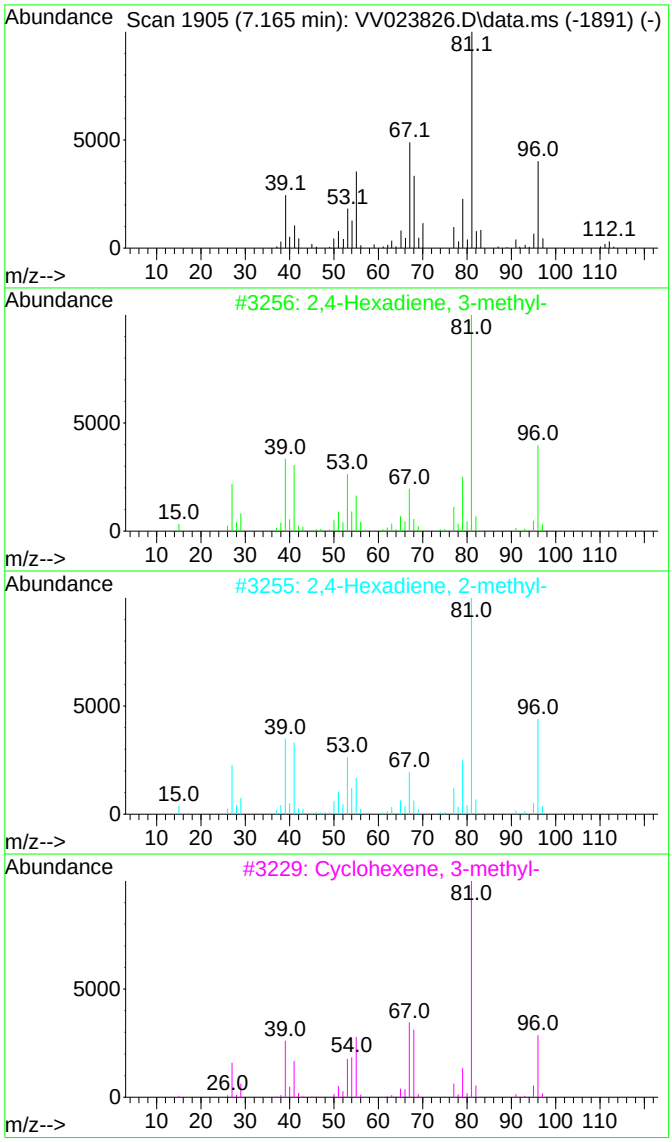
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

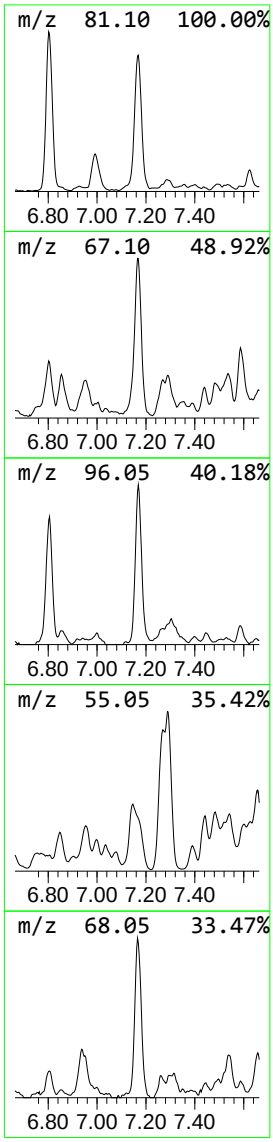
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 2,4-Hexadiene, 3-methyl- Concentration Rank 54

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.165 | 1.27 ug/L | 399587 | 1,4-Difluorobenzene | 5.619 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,4-Hexadiene, 3-methyl- | 96 | C7H12 | 028823-42-9 | 93 |
| 2 | 2,4-Hexadiene, 2-methyl- | 96 | C7H12 | 028823-41-8 | 93 |
| 3 | Cyclohexene, 3-methyl- | 96 | C7H12 | 000591-48-0 | 90 |
| 4 | Cyclohexene, 1-methyl- | 96 | C7H12 | 000591-49-1 | 90 |
| 5 | Cyclohexene, 4-methyl- | 96 | C7H12 | 000591-47-9 | 90 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023826.D
Acq On : 07 Dec 2021 16:27
Operator : SY/MD
Sample : M4879-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0G31

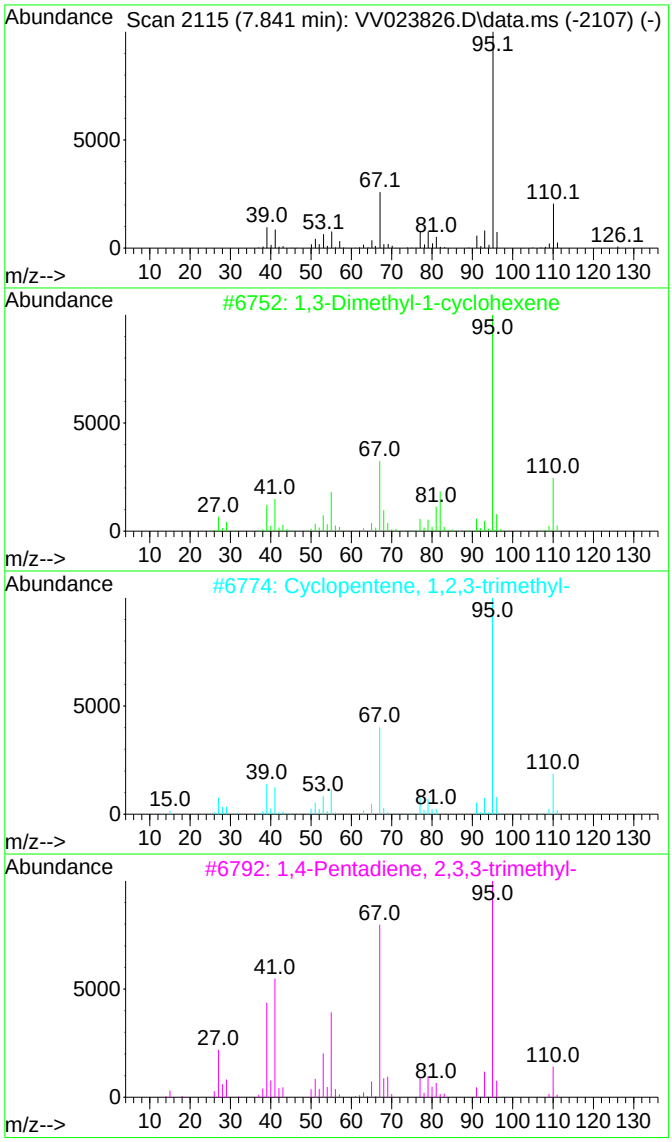
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

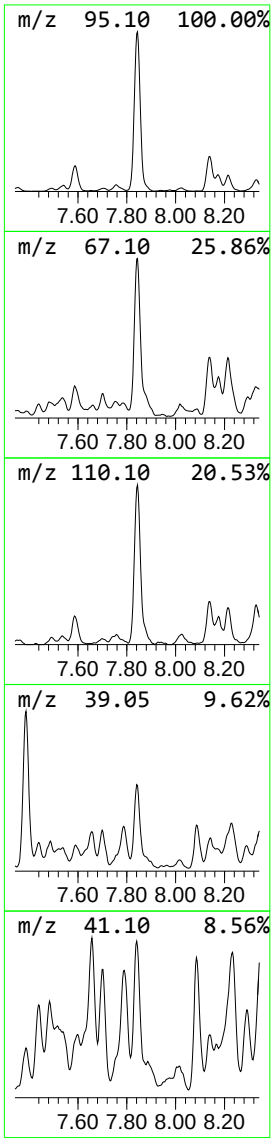
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 1,3-Dimethyl-1-cyclohexene Concentration Rank 31

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.841 | 7.82 ug/L | 591020 | Chlorobenzene-d5 | 8.853 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,3-Dimethyl-1-cyclohexene | 110 | C8H14 | 002808-76-6 | 91 |
| 2 | Cyclopentene, 1,2,3-trimethyl- | 110 | C8H14 | 000473-91-6 | 91 |
| 3 | 1,4-Pentadiene, 2,3,3-trimethyl- | 110 | C8H14 | 000756-02-5 | 86 |
| 4 | 1-(3H-Imidazol-4-yl)-ethanone | 110 | C5H6N2O | 061985-25-9 | 72 |
| 5 | 1,3-Dimethyl-1-cyclohexene | 110 | C8H14 | 002808-76-6 | 72 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023826.D
Acq On : 07 Dec 2021 16:27
Operator : SY/MD
Sample : M4879-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0G31

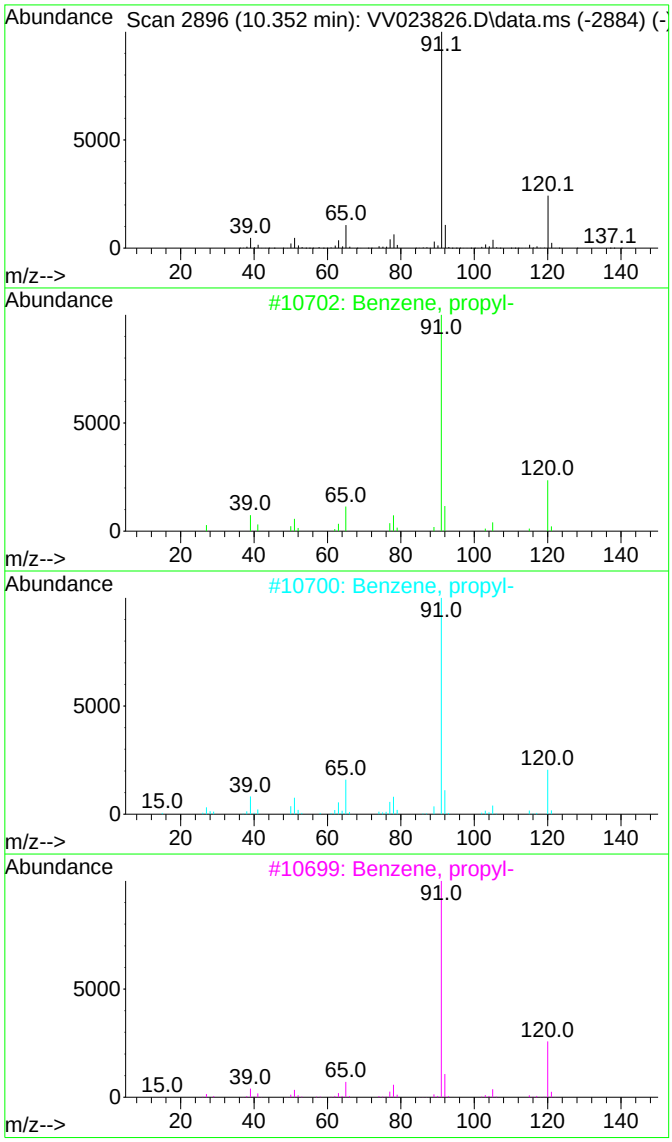
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

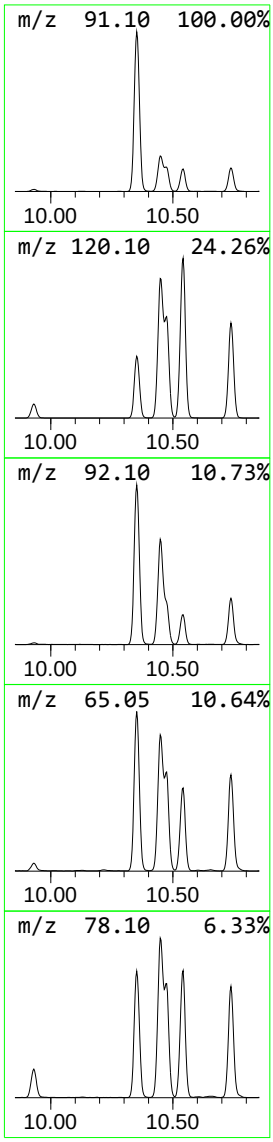
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Benzene, propyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.352 | 35.70 ug/L | 5204200 | 1,4-Dichlorobenzene-d4 | 11.249 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 94 |
| 2 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 91 |
| 3 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 90 |
| 4 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 90 |
| 5 | N-Benzyl-2-phenethylamine | 211 | C15H17N | 003647-71-0 | 72 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023826.D
Acq On : 07 Dec 2021 16:27
Operator : SY/MD
Sample : M4879-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0G31

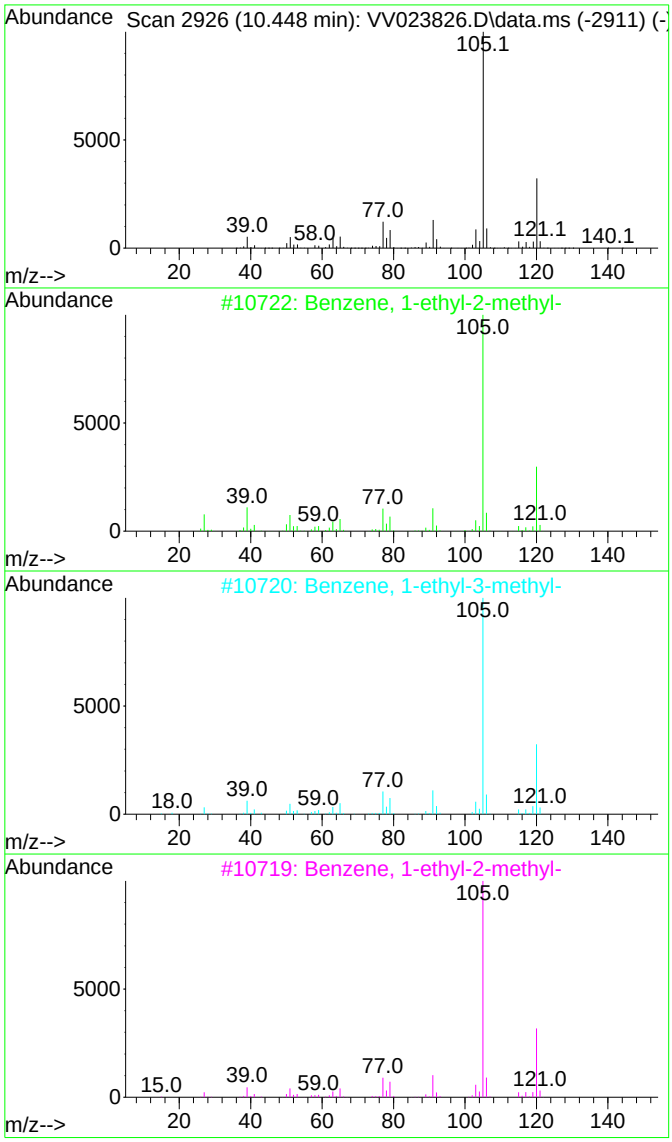
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

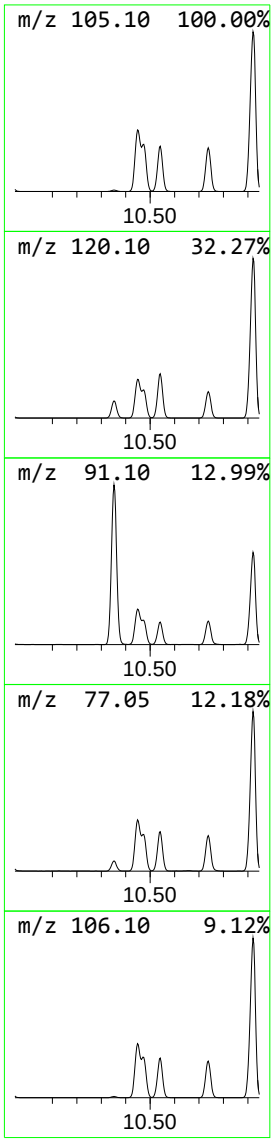
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.448 | 83.46 ug/L | 12166500 | 1,4-Dichlorobenzene-d4 | 11.249 |

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023826.D
Acq On : 07 Dec 2021 16:27
Operator : SY/MD
Sample : M4879-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0G31

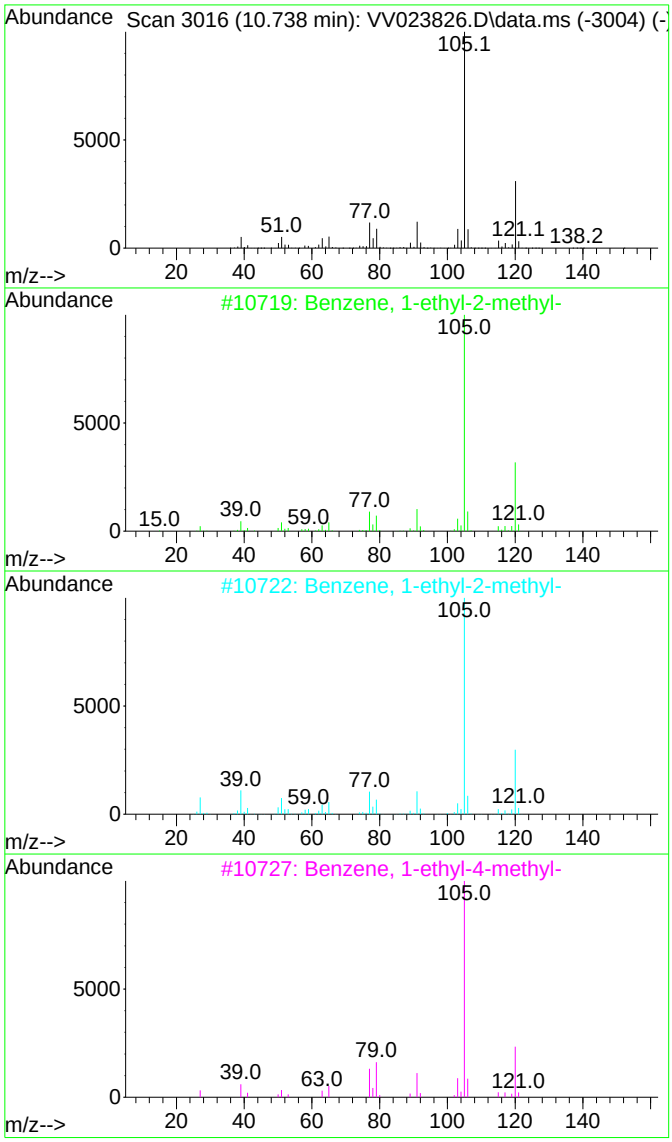
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

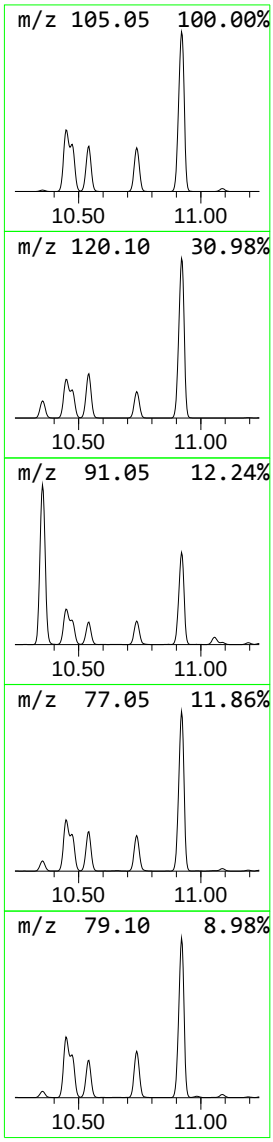
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 Benzene, 1-ethyl-4-methyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.738 | 55.05 ug/L | 8025710 | 1,4-Dichlorobenzene-d4 | 11.249 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 94 |
| 2 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 94 |
| 3 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 94 |
| 4 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 93 |
| 5 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023826.D
Acq On : 07 Dec 2021 16:27
Operator : SY/MD
Sample : M4879-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0G31

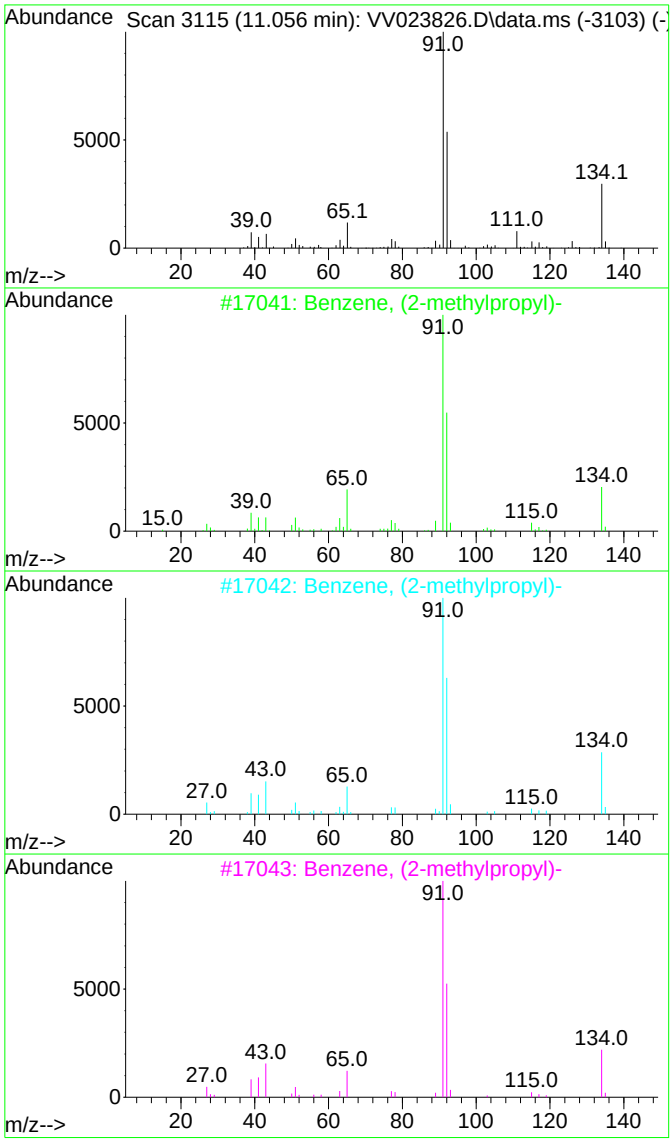
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

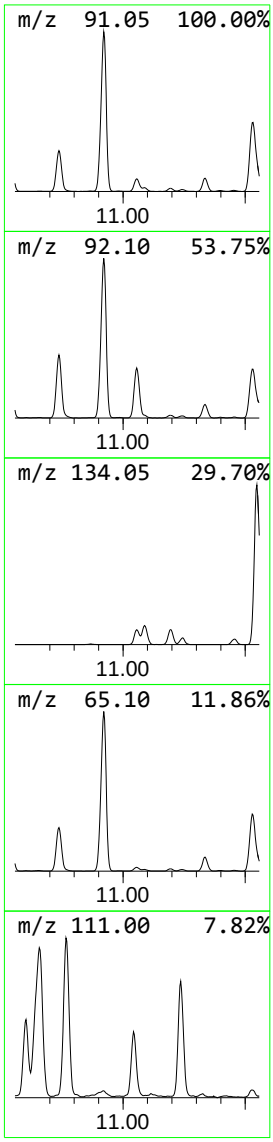
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 Benzene, (2-methylpropyl)- Concentration Rank 49

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.056 | 2.47 ug/L | 360175 | 1,4-Dichlorobenzene-d4 | 11.249 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (2-methylpropyl)- | 134 | C10H14 | 000538-93-2 | 93 |
| 2 | Benzene, (2-methylpropyl)- | 134 | C10H14 | 000538-93-2 | 90 |
| 3 | Benzene, (2-methylpropyl)- | 134 | C10H14 | 000538-93-2 | 87 |
| 4 | Benzene, (2-methylpropyl)- | 134 | C10H14 | 000538-93-2 | 87 |
| 5 | Benzene, n-butyl- | 134 | C10H14 | 000104-51-8 | 80 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023826.D
Acq On : 07 Dec 2021 16:27
Operator : SY/MD
Sample : M4879-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0G31

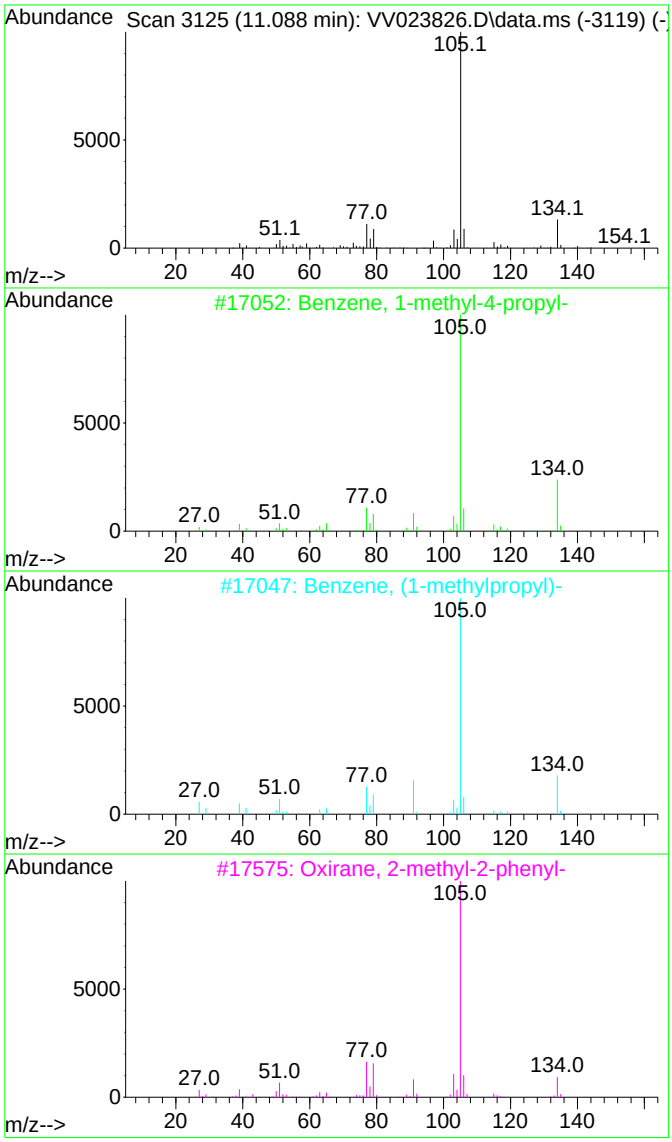
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

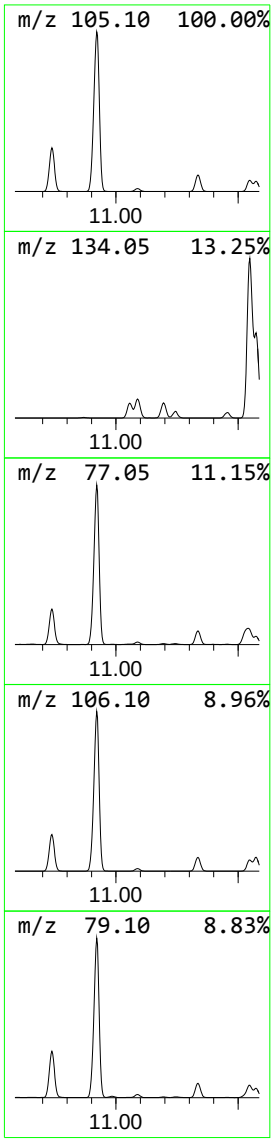
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 Oxirane, 2-methyl-2-phenyl- Concentration Rank 43

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.088 | 3.84 ug/L | 560055 | 1,4-Dichlorobenzene-d4 | 11.249 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-methyl-4-propyl- | 134 | C10H14 | 001074-55-1 | 83 |
| 2 | Benzene, (1-methylpropyl)- | 134 | C10H14 | 000135-98-8 | 80 |
| 3 | Oxirane, 2-methyl-2-phenyl- | 134 | C9H10O | 002085-88-3 | 80 |
| 4 | Benzene, (1-methylpropyl)- | 134 | C10H14 | 000135-98-8 | 72 |
| 5 | Benzene, 1-methyl-4-propyl- | 134 | C10H14 | 001074-55-1 | 72 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023826.D
Acq On : 07 Dec 2021 16:27
Operator : SY/MD
Sample : M4879-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0G31

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

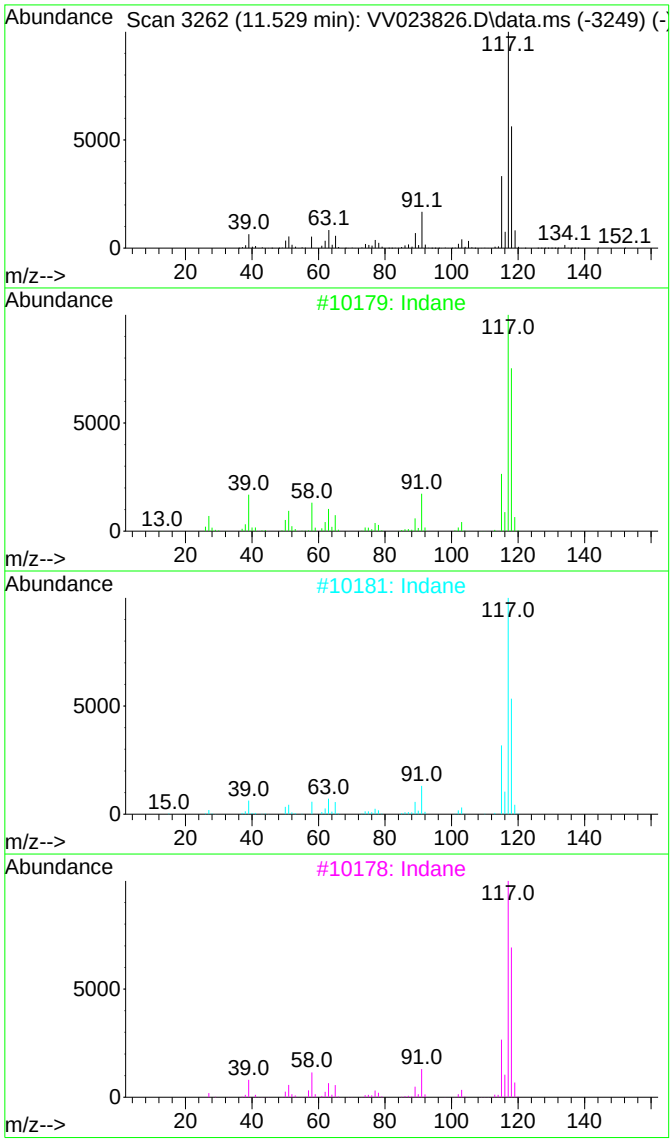
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

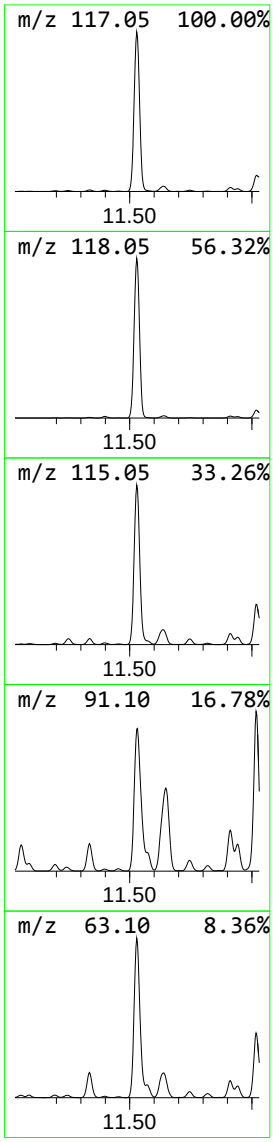
**********

Peak Number 16 Indane Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.529 | 105.95 ug/L | 15444700 | 1,4-Dichlorobenzene-d4 | 11.249 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indane | 118 | C9H10 | 000496-11-7 | 91 |
| 2 | Indane | 118 | C9H10 | 000496-11-7 | 87 |
| 3 | Indane | 118 | C9H10 | 000496-11-7 | 87 |
| 4 | Benzene, 1-ethenyl-2-methyl- | 118 | C9H10 | 000611-15-4 | 74 |
| 5 | Benzene, 2-propenyl- | 118 | C9H10 | 000300-57-2 | 74 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023826.D
Acq On : 07 Dec 2021 16:27
Operator : SY/MD
Sample : M4879-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0G31

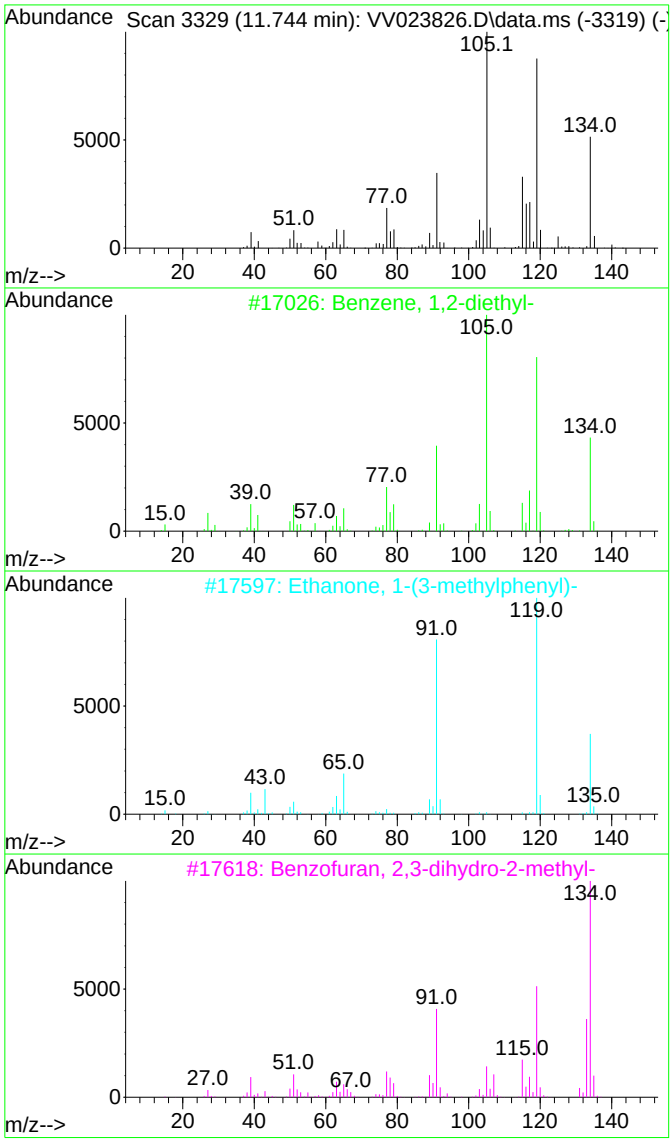
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

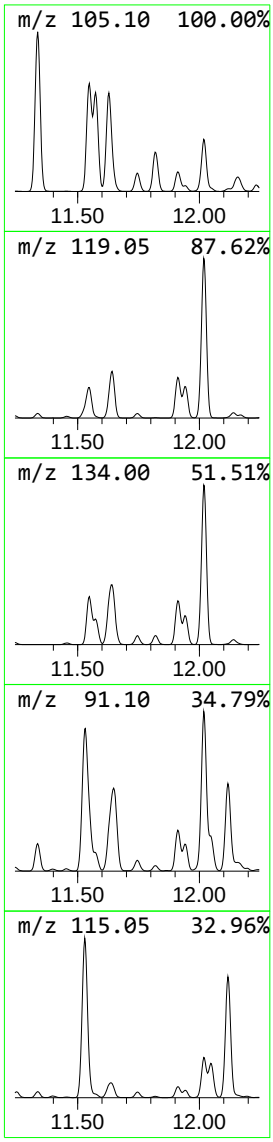
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 17 Benzene, 1,2-diethyl- Concentration Rank 34

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.744 | 5.65 ug/L | 823228 | 1,4-Dichlorobenzene-d4 | 11.249 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2-diethyl- | 134 | C10H14 | 000135-01-3 | 91 |
| 2 | Ethanone, 1-(3-methylphenyl)- | 134 | C9H10O | 000585-74-0 | 87 |
| 3 | Benzofuran, 2,3-dihydro-2-methyl- | 134 | C9H10O | 001746-11-8 | 87 |
| 4 | Benzene, 1,4-diethyl- | 134 | C10H14 | 000105-05-5 | 81 |
| 5 | Benzene, 1,2-diethyl- | 134 | C10H14 | 000135-01-3 | 81 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023826.D
Acq On : 07 Dec 2021 16:27
Operator : SY/MD
Sample : M4879-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0G31

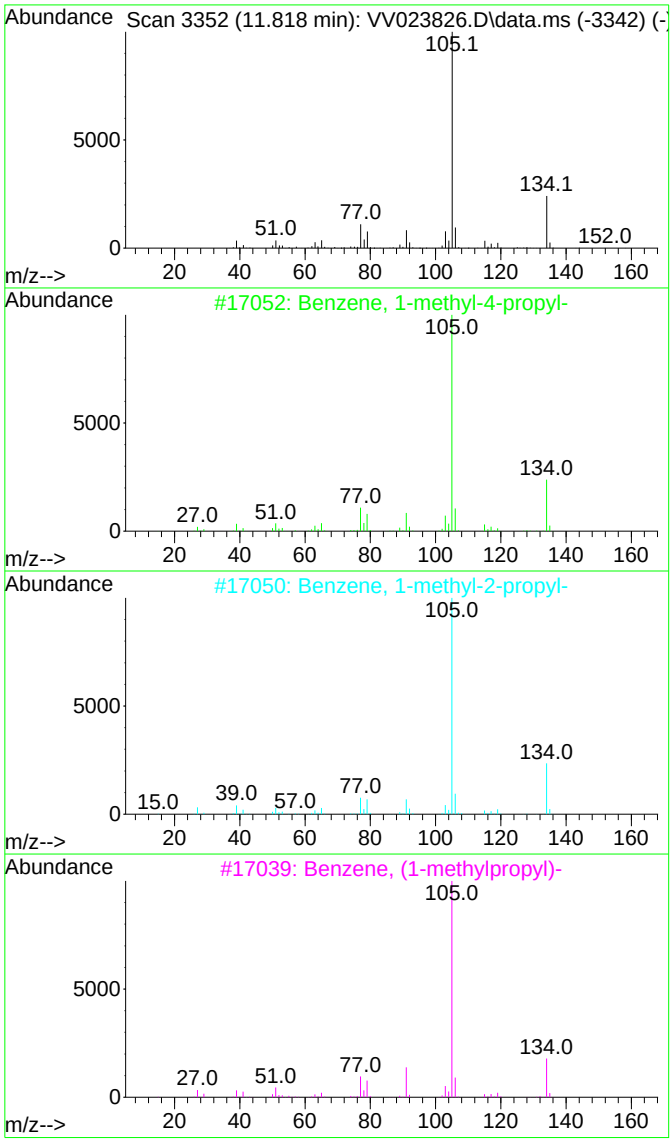
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

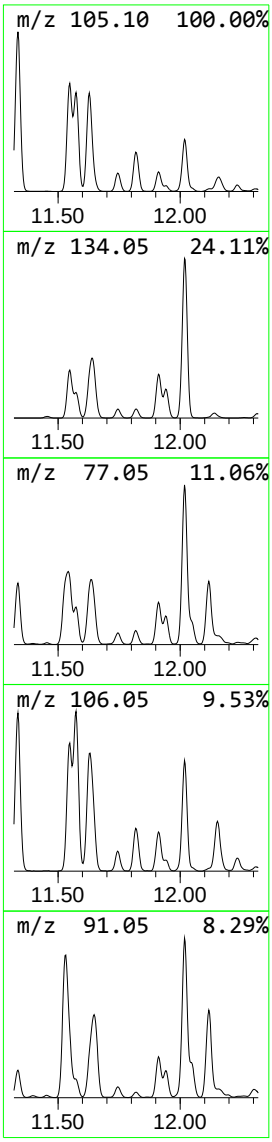
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 18 Benzene, 1-methyl-4-propyl- Concentration Rank 40

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.818 | 4.53 ug/L | 660546 | 1,4-Dichlorobenzene-d4 | 11.249 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-methyl-4-propyl- | 134 | C10H14 | 001074-55-1 | 95 |
| 2 | Benzene, 1-methyl-2-propyl- | 134 | C10H14 | 001074-17-5 | 94 |
| 3 | Benzene, (1-methylpropyl)- | 134 | C10H14 | 000135-98-8 | 91 |
| 4 | Benzene, 1-methyl-4-propyl- | 134 | C10H14 | 001074-55-1 | 91 |
| 5 | Benzene, 1-methyl-4-propyl- | 134 | C10H14 | 001074-55-1 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023826.D
Acq On : 07 Dec 2021 16:27
Operator : SY/MD
Sample : M4879-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0G31

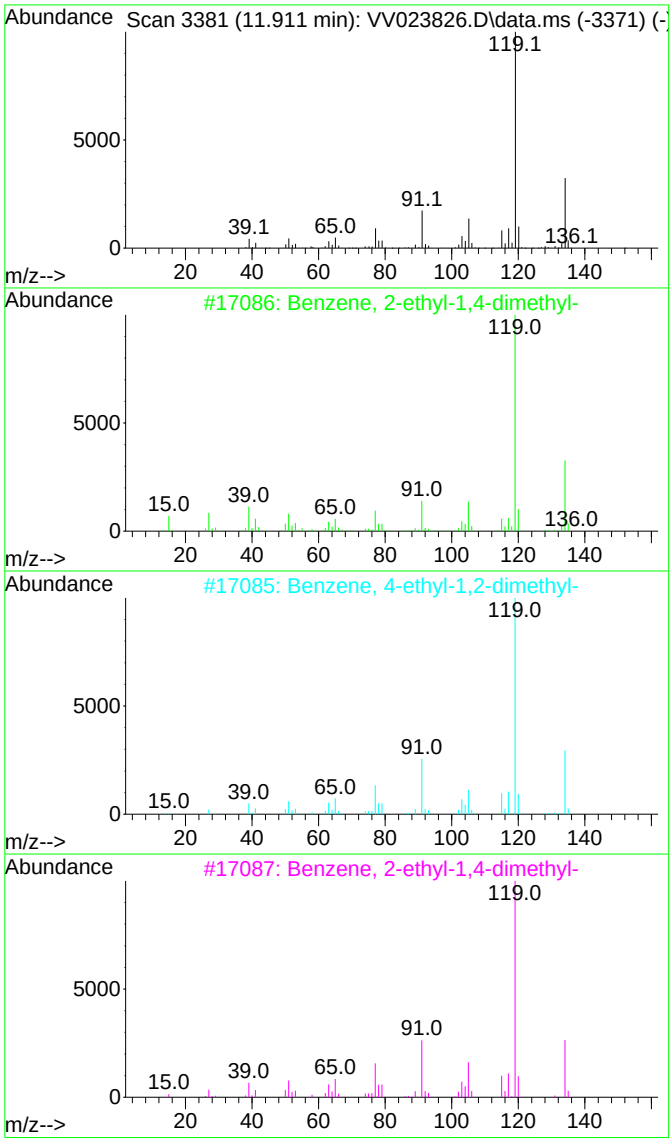
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

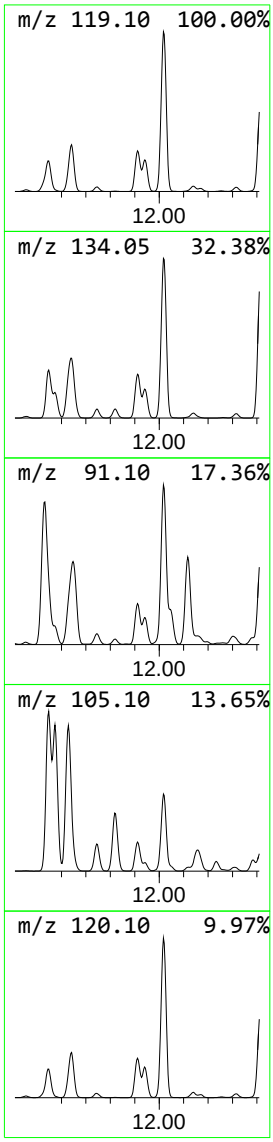
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 19 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.911 | 19.80 ug/L | 2886440 | 1,4-Dichlorobenzene-d4 | 11.249 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 97 |
| 2 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 96 |
| 3 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 96 |
| 4 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 95 |
| 5 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 95 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023826.D
Acq On : 07 Dec 2021 16:27
Operator : SY/MD
Sample : M4879-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0G31

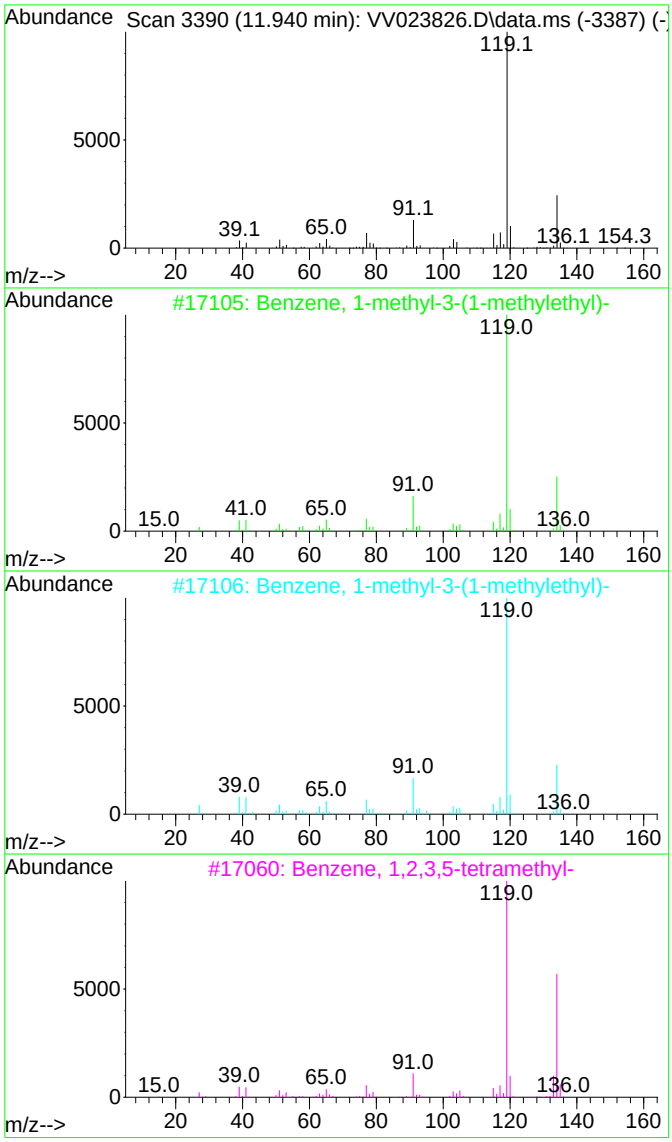
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

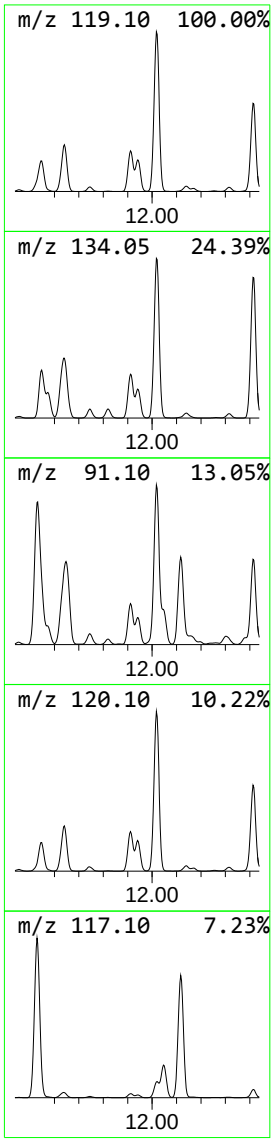
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 20 Benzene, 1-methyl-3-(1-meth... Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.940 | 11.21 ug/L | 1634550 | 1,4-Dichlorobenzene-d4 | 11.249 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 95 |
| 2 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 94 |
| 3 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 91 |
| 4 | p-Cymene | 134 | C10H14 | 000099-87-6 | 91 |
| 5 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023826.D
Acq On : 07 Dec 2021 16:27
Operator : SY/MD
Sample : M4879-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0G31

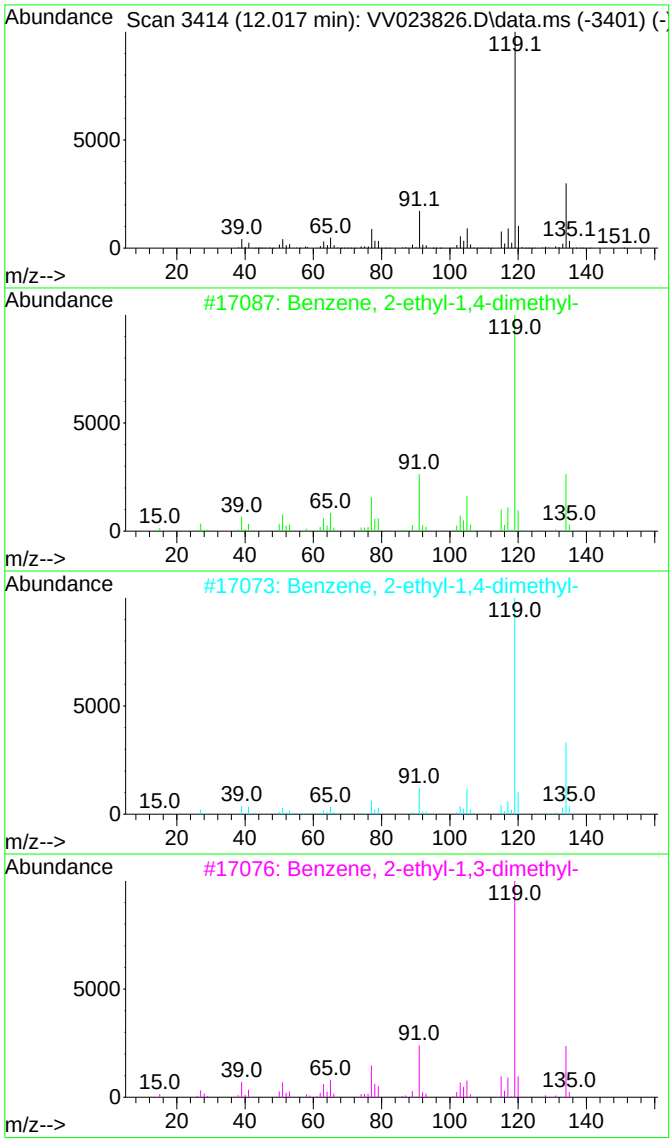
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

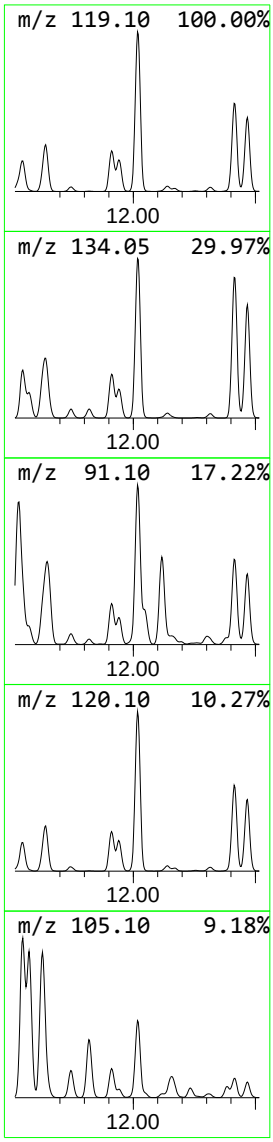
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 21 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.017 | 80.56 ug/L | 11744600 | 1,4-Dichlorobenzene-d4 | 11.249 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 96 |
| 2 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 95 |
| 3 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 95 |
| 4 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 95 |
| 5 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023826.D
Acq On : 07 Dec 2021 16:27
Operator : SY/MD
Sample : M4879-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0G31

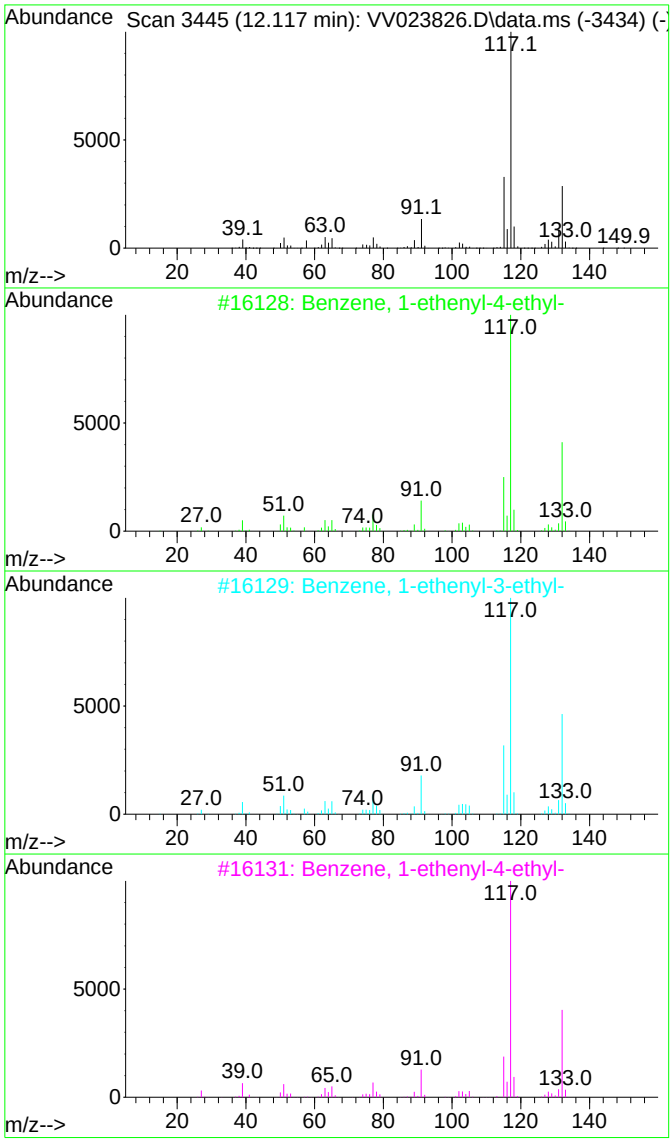
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

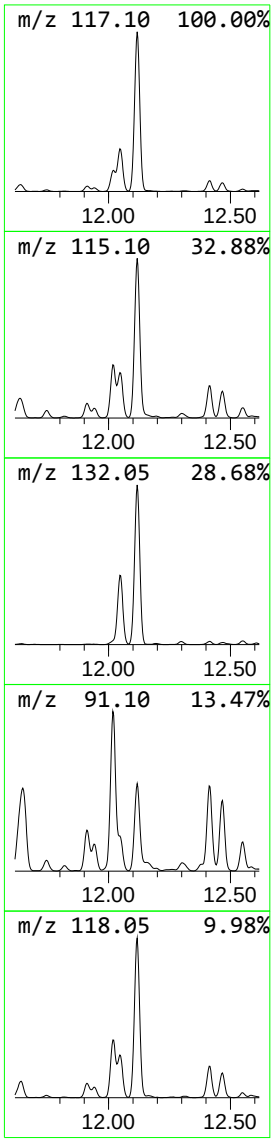
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 22 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.117 | 62.11 ug/L | 9054750 | 1,4-Dichlorobenzene-d4 | 11.249 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethenyl-4-ethyl- | 132 | C10H12 | 003454-07-7 | 91 |
| 2 | Benzene, 1-ethenyl-3-ethyl- | 132 | C10H12 | 007525-62-4 | 91 |
| 3 | Benzene, 1-ethenyl-4-ethyl- | 132 | C10H12 | 003454-07-7 | 90 |
| 4 | Indan, 1-methyl- | 132 | C10H12 | 000767-58-8 | 90 |
| 5 | Benzene, (2-methyl-2-propenyl)- | 132 | C10H12 | 003290-53-7 | 87 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023826.D
Acq On : 07 Dec 2021 16:27
Operator : SY/MD
Sample : M4879-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0G31

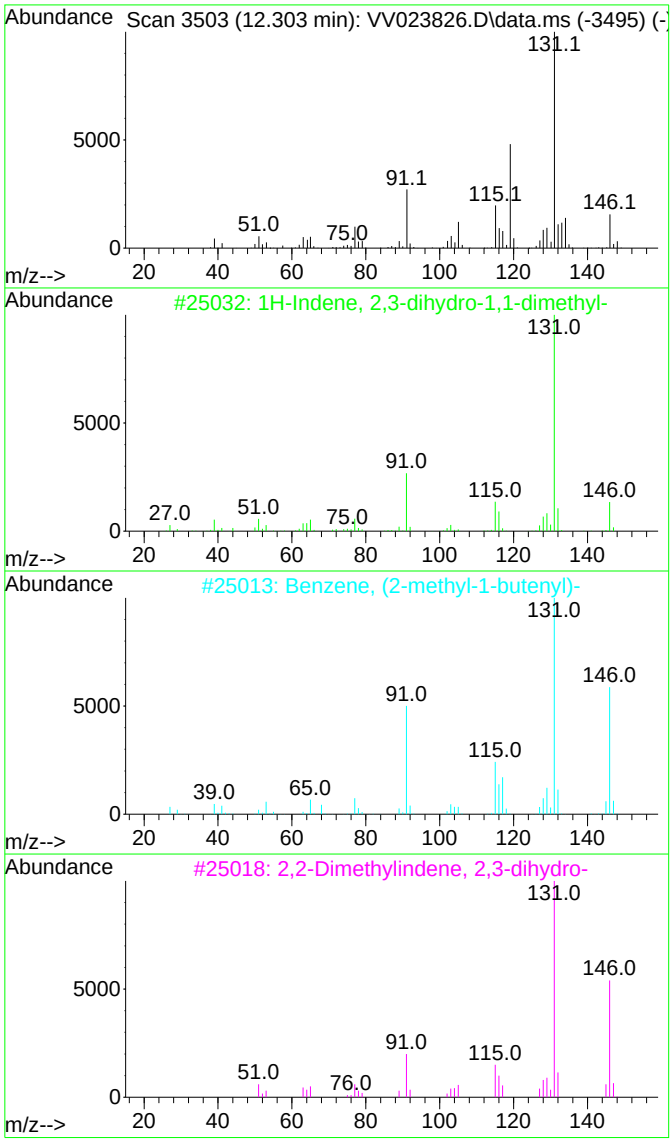
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

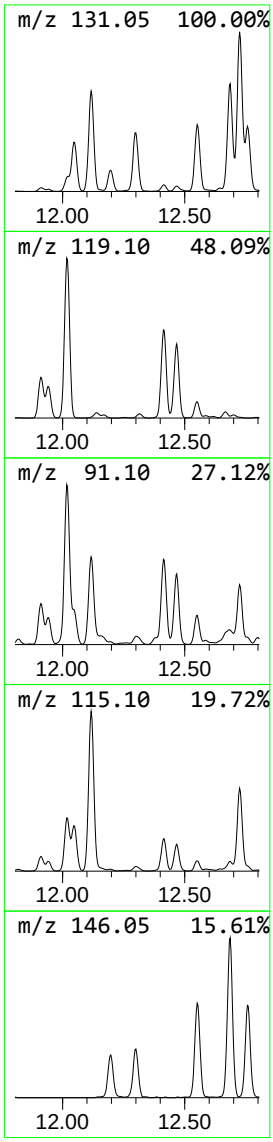
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 23 Benzene, 1-methyl-4-(1-meth... Concentration Rank 37

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.304 | 5.02 ug/L | 732189 | 1,4-Dichlorobenzene-d4 | 11.249 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2,3-dihydro-1,1-dimet... | 146 | C11H14 | 004912-92-9 | 92 |
| 2 | Benzene, (2-methyl-1-butenyl)- | 146 | C11H14 | 056253-64-6 | 83 |
| 3 | 2,2-Dimethylindene, 2,3-dihydro- | 146 | C11H14 | 020836-11-7 | 64 |
| 4 | Benzene, 1-methyl-4-(1-methyl-2-... | 146 | C11H14 | 097664-18-1 | 64 |
| 5 | Benzene, 1-methyl-2-(1-methyl-2-... | 146 | C11H14 | 097664-19-2 | 58 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023826.D
Acq On : 07 Dec 2021 16:27
Operator : SY/MD
Sample : M4879-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0G31

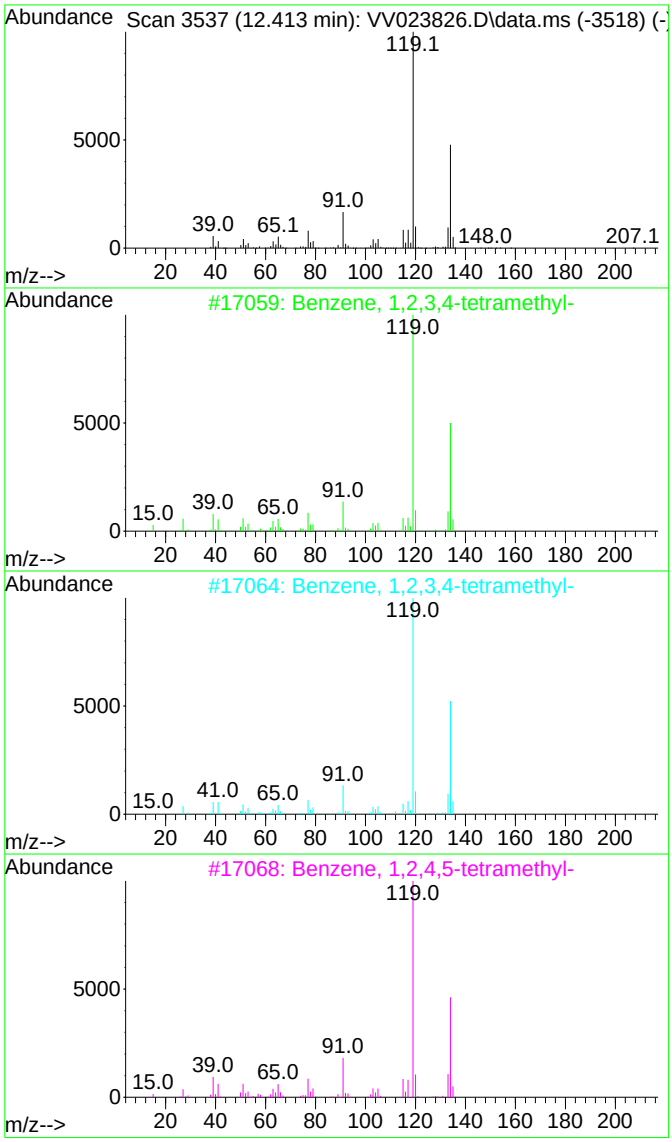
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

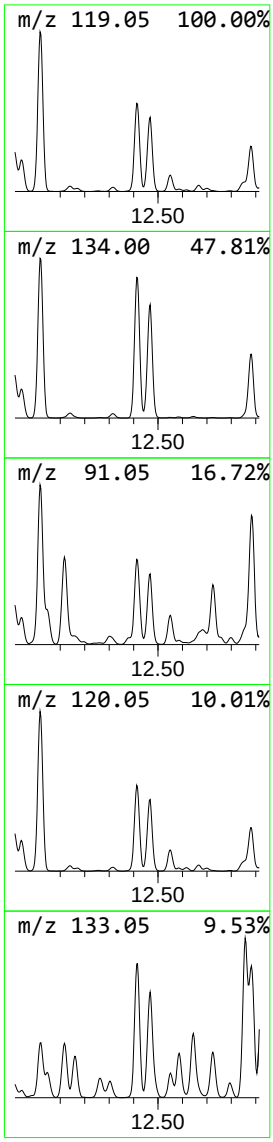
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 24 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.413 | 46.51 ug/L | 6779420 | 1,4-Dichlorobenzene-d4 | 11.249 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 97 |
| 2 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 97 |
| 3 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 96 |
| 4 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 96 |
| 5 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 95 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023826.D
Acq On : 07 Dec 2021 16:27
Operator : SY/MD
Sample : M4879-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0G31

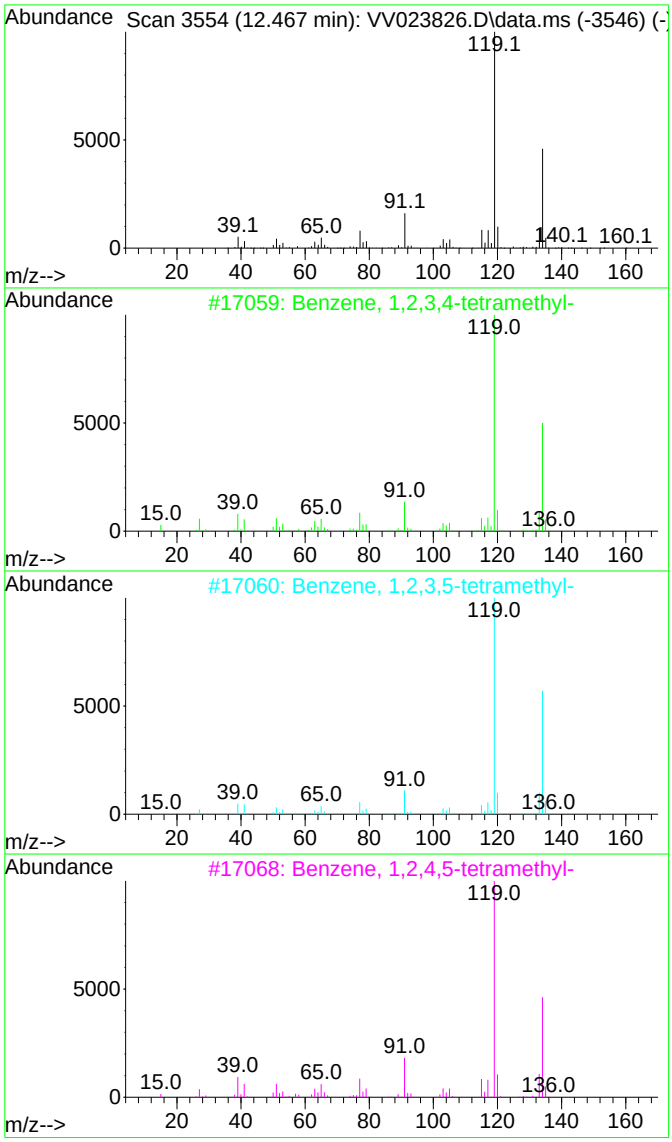
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

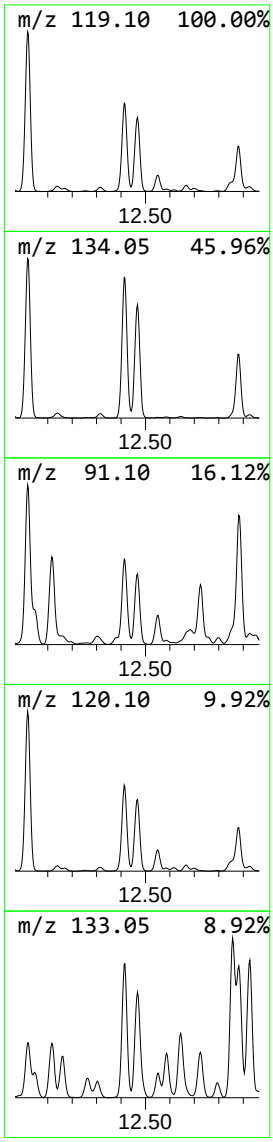
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 25 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.467 | 37.26 ug/L | 5431220 | 1,4-Dichlorobenzene-d4 | 11.249 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 95 |
| 2 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 95 |
| 3 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 95 |
| 4 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 95 |
| 5 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 95 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023826.D
Acq On : 07 Dec 2021 16:27
Operator : SY/MD
Sample : M4879-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0G31

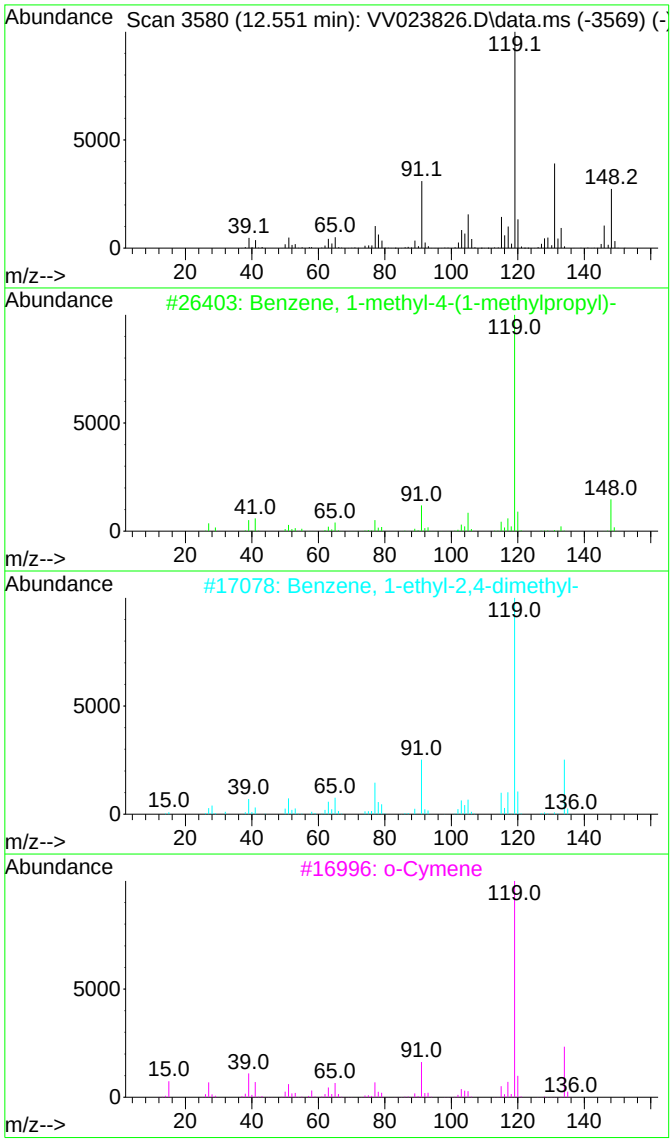
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

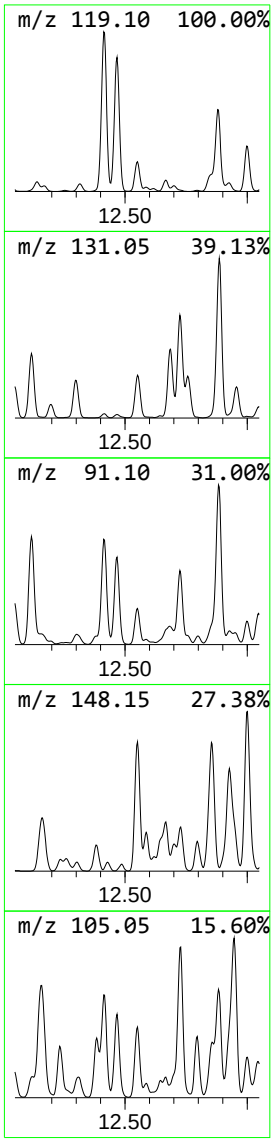
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 26 Benzene, 1-methyl-4-(1-meth... Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.551 | 11.49 ug/L | 1674840 | 1,4-Dichlorobenzene-d4 | 11.249 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-methyl-4-(1-methylpro... | 148 | C11H16 | 001595-16-0 | 60 |
| 2 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 50 |
| 3 | o-Cymene | 134 | C10H14 | 000527-84-4 | 50 |
| 4 | 4'-Methylpropiophenone | 148 | C10H12O | 005337-93-9 | 46 |
| 5 | Benzene, (1,1-dimethylpropyl)- | 148 | C11H16 | 002049-95-8 | 46 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023826.D
Acq On : 07 Dec 2021 16:27
Operator : SY/MD
Sample : M4879-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0G31

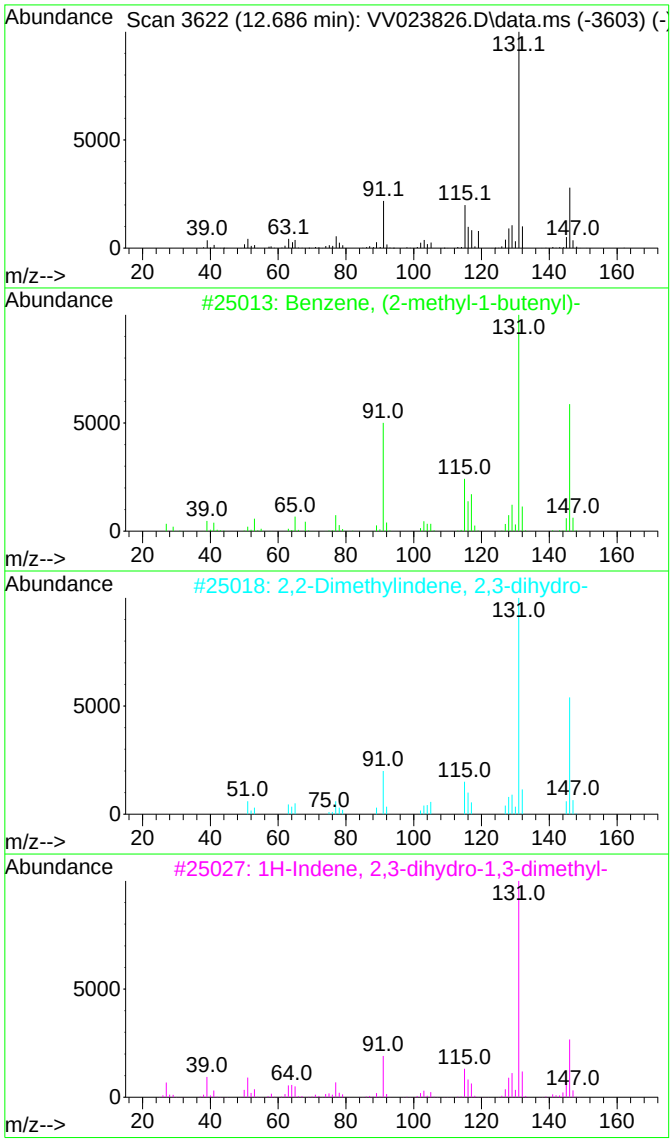
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

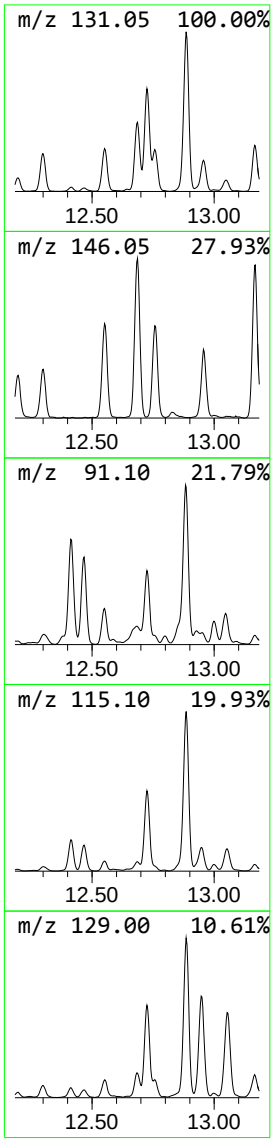
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 27 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 28

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.686 | 8.66 ug/L | 1262700 | 1,4-Dichlorobenzene-d4 | 11.249 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (2-methyl-1-butenyl)- | 146 | C11H14 | 056253-64-6 | 94 |
| 2 | 2,2-Dimethylindene, 2,3-dihydro- | 146 | C11H14 | 020836-11-7 | 94 |
| 3 | 1H-Indene, 2,3-dihydro-1,3-dimet... | 146 | C11H14 | 004175-53-5 | 91 |
| 4 | 1H-Indene, 2,3-dihydro-1,6-dimet... | 146 | C11H14 | 017059-48-2 | 91 |
| 5 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 001559-81-5 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023826.D
Acq On : 07 Dec 2021 16:27
Operator : SY/MD
Sample : M4879-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0G31

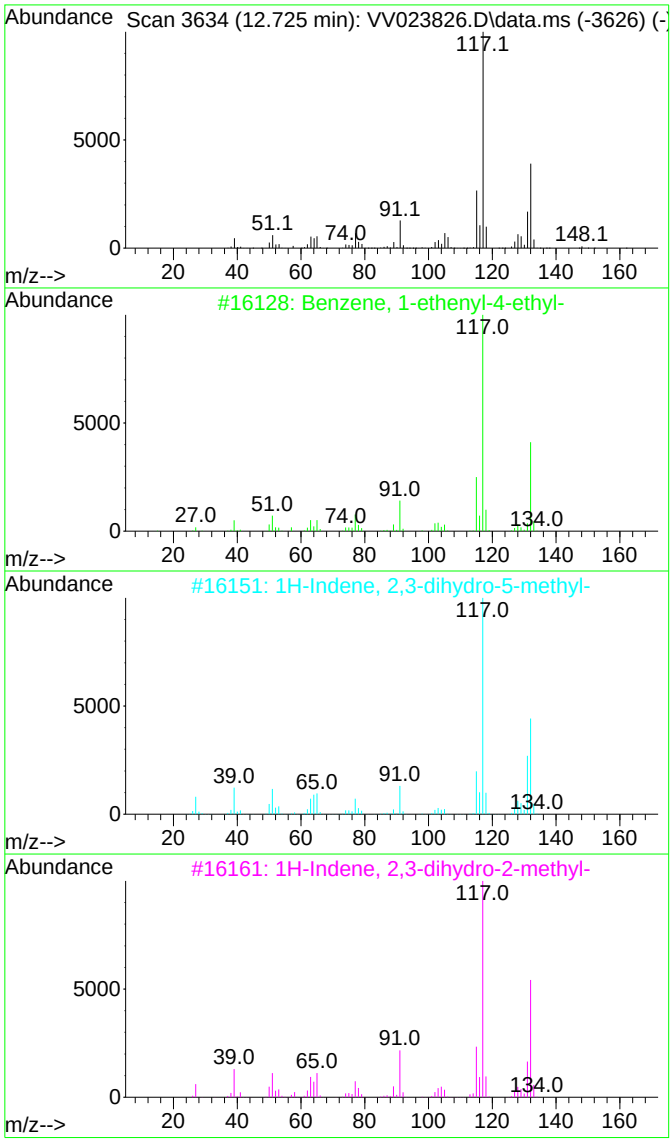
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

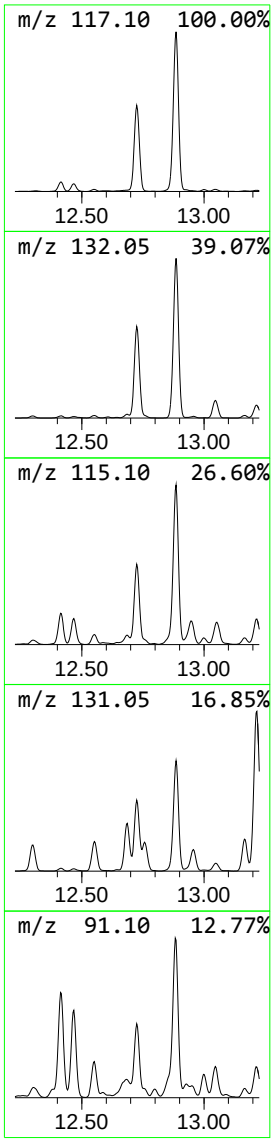
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 28 Benzene, 2-butenyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.725 | 43.16 ug/L | 6291540 | 1,4-Dichlorobenzene-d4 | 11.249 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethenyl-4-ethyl- | 132 | C10H12 | 003454-07-7 | 94 |
| 2 | 1H-Indene, 2,3-dihydro-5-methyl- | 132 | C10H12 | 000874-35-1 | 93 |
| 3 | 1H-Indene, 2,3-dihydro-2-methyl- | 132 | C10H12 | 000824-63-5 | 91 |
| 4 | Benzene, 2-butenyl- | 132 | C10H12 | 001560-06-1 | 91 |
| 5 | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12 | 000824-22-6 | 90 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023826.D
Acq On : 07 Dec 2021 16:27
Operator : SY/MD
Sample : M4879-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0G31

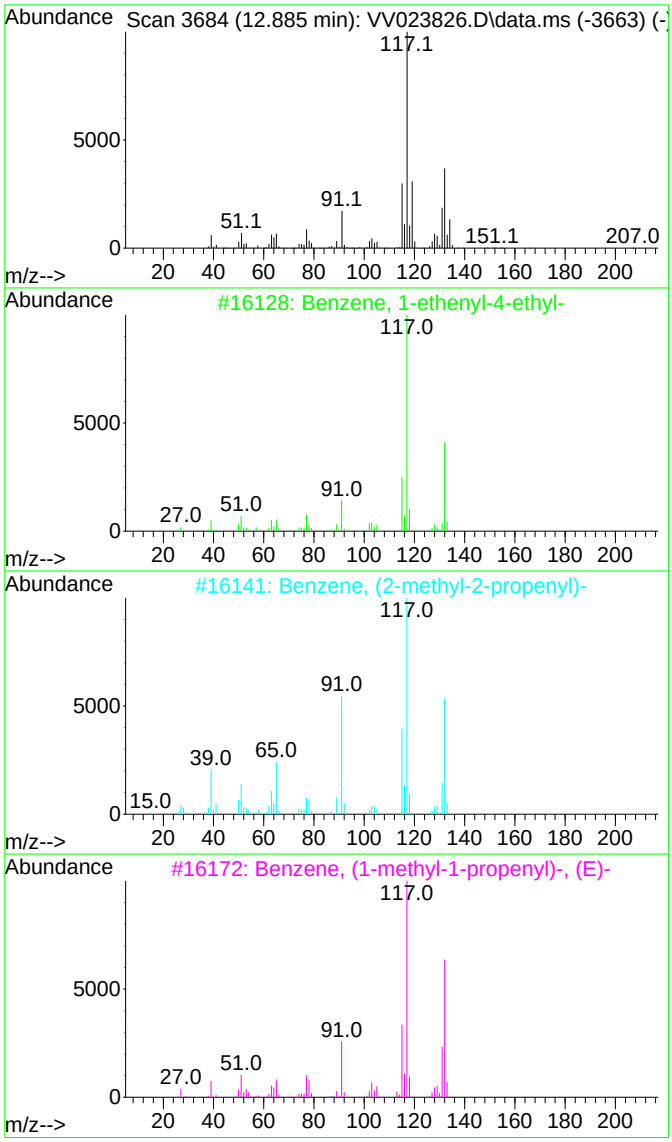
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

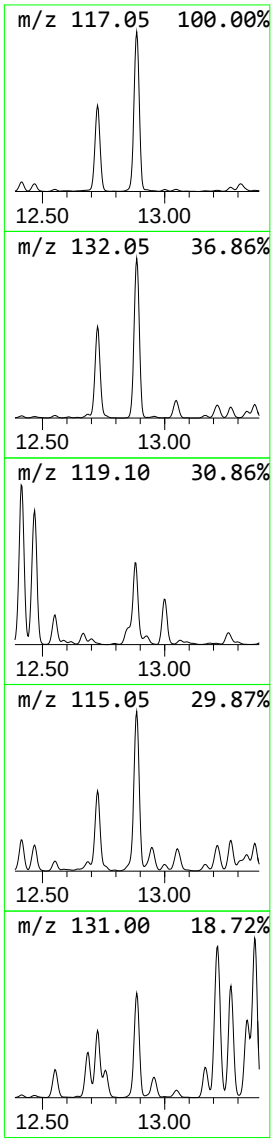
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 29 Benzene, (2-methyl-2-propen... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.886 | 99.29 ug/L | 14474100 | 1,4-Dichlorobenzene-d4 | 11.249 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethenyl-4-ethyl- | 132 | C10H12 | 003454-07-7 | 94 |
| 2 | Benzene, (2-methyl-2-propenyl)- | 132 | C10H12 | 003290-53-7 | 87 |
| 3 | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12 | 000768-00-3 | 87 |
| 4 | 3-Phenylbut-1-ene | 132 | C10H12 | 000934-10-1 | 87 |
| 5 | 1H-Indene, 2,3-dihydro-2-methyl- | 132 | C10H12 | 000824-63-5 | 83 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023826.D
Acq On : 07 Dec 2021 16:27
Operator : SY/MD
Sample : M4879-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0G31

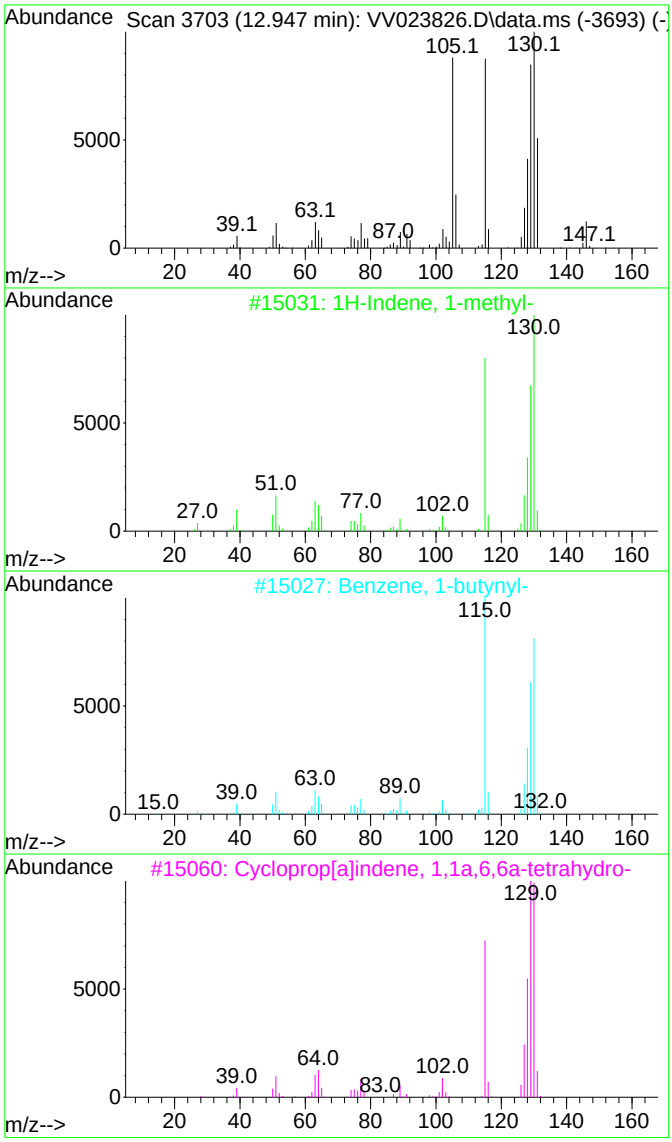
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

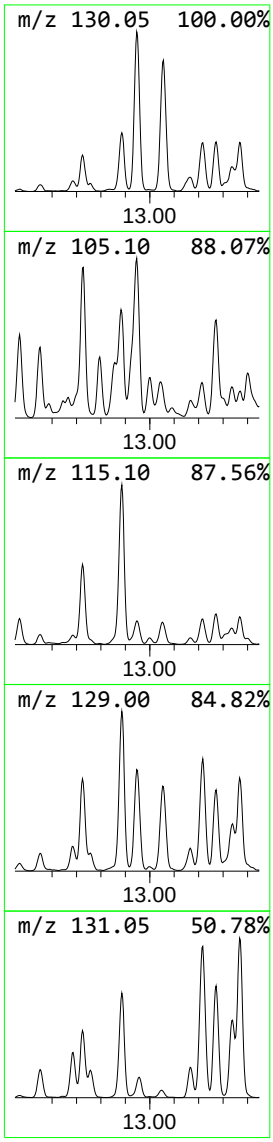
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 30 1H-Indene, 1-methyl- Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.947 | 12.51 ug/L | 1824300 | 1,4-Dichlorobenzene-d4 | 11.249 |

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023826.D
Acq On : 07 Dec 2021 16:27
Operator : SY/MD
Sample : M4879-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0G31

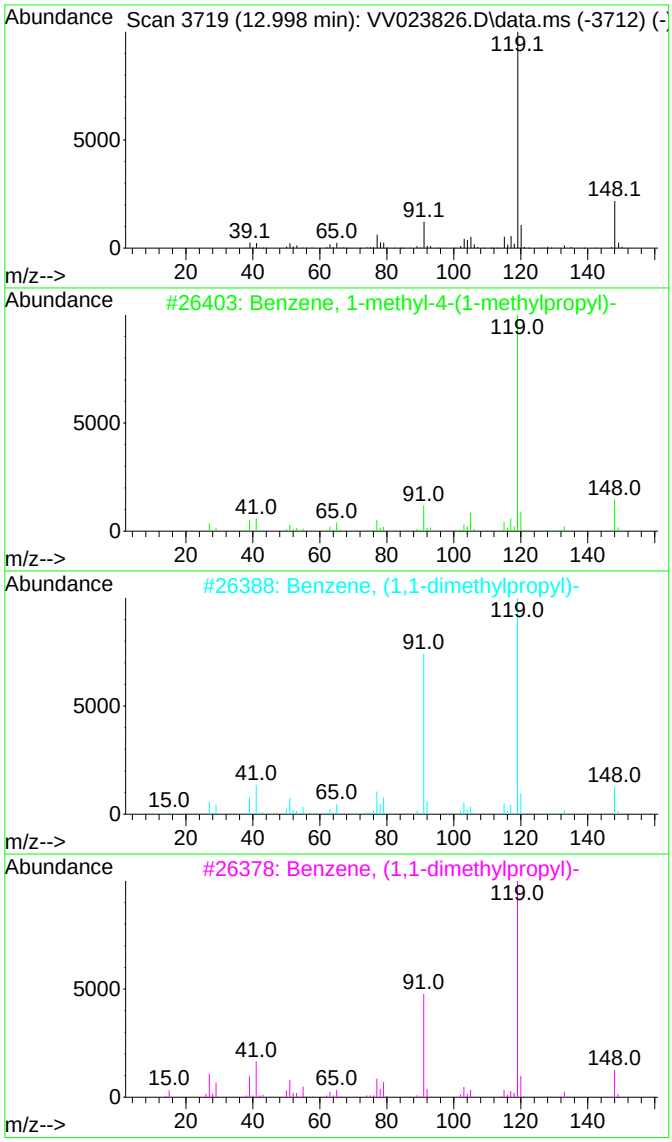
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

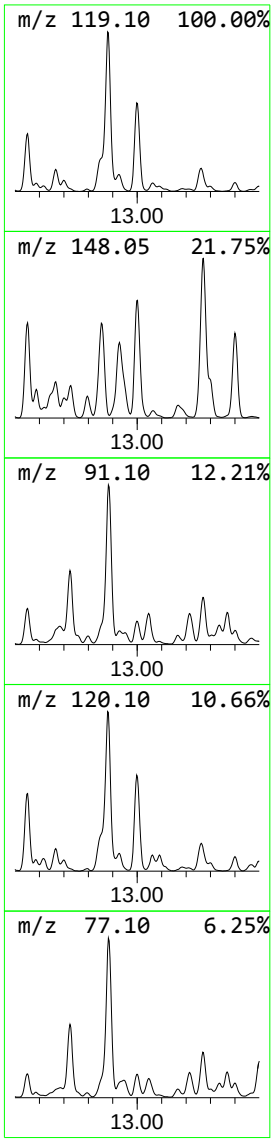
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 31 Benzene, (1,1-dimethylpropyl)- Concentration Rank 29

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.998 | 8.59 ug/L | 1251720 | 1,4-Dichlorobenzene-d4 | 11.249 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-methyl-4-(1-methylpro... | 148 | C11H16 | 001595-16-0 | 91 |
| 2 | Benzene, (1,1-dimethylpropyl)- | 148 | C11H16 | 002049-95-8 | 86 |
| 3 | Benzene, (1,1-dimethylpropyl)- | 148 | C11H16 | 002049-95-8 | 78 |
| 4 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 72 |
| 5 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 72 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023826.D
Acq On : 07 Dec 2021 16:27
Operator : SY/MD
Sample : M4879-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0G31

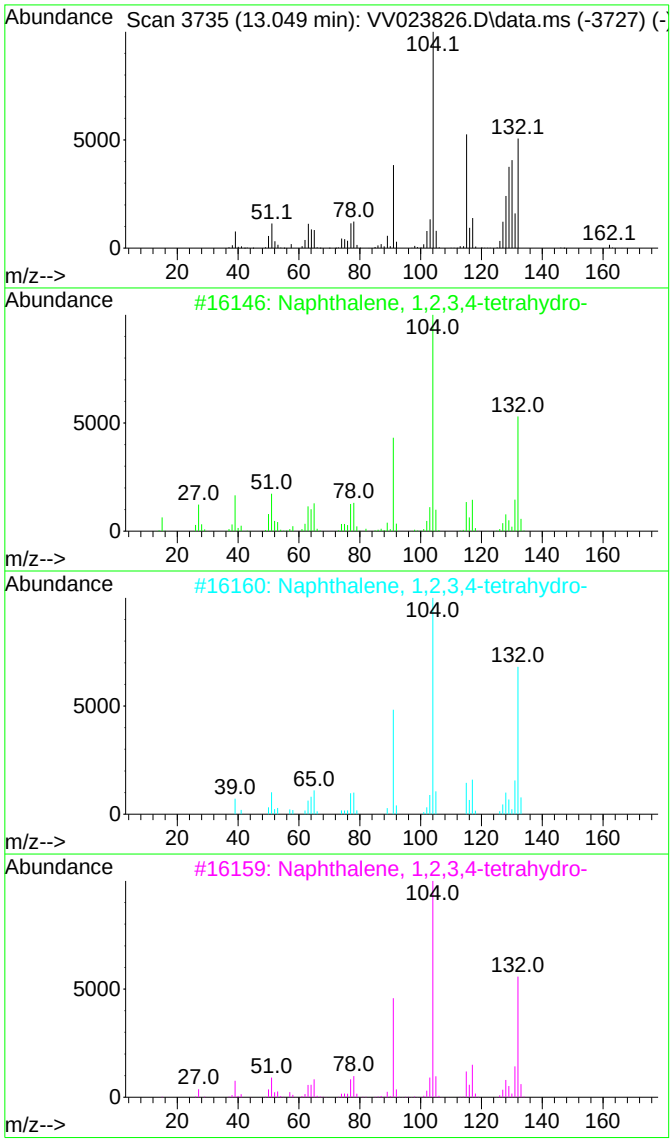
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

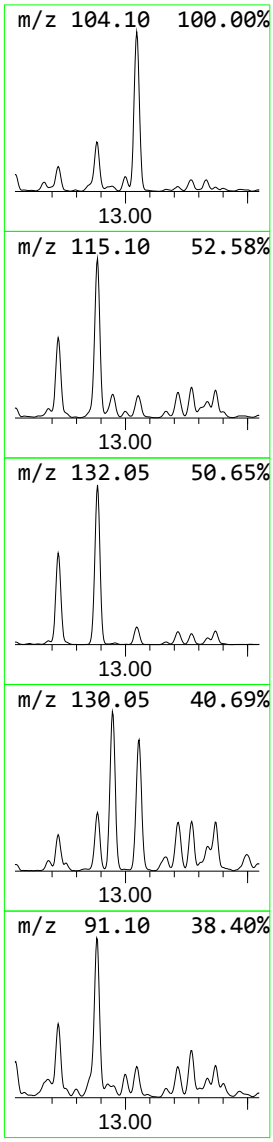
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 32 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.049 | 10.14 ug/L | 1478830 | 1,4-Dichlorobenzene-d4 | 11.249 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetrahydro- | 132 | C10H12 | 000119-64-2 | 90 |
| 2 | Naphthalene, 1,2,3,4-tetrahydro- | 132 | C10H12 | 000119-64-2 | 90 |
| 3 | Naphthalene, 1,2,3,4-tetrahydro- | 132 | C10H12 | 000119-64-2 | 90 |
| 4 | Naphthalene, 1,2,3,4-tetrahydro- | 132 | C10H12 | 000119-64-2 | 90 |
| 5 | Naphthalene, 1,2,3,4-tetrahydro- | 132 | C10H12 | 000119-64-2 | 55 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023826.D
Acq On : 07 Dec 2021 16:27
Operator : SY/MD
Sample : M4879-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0G31

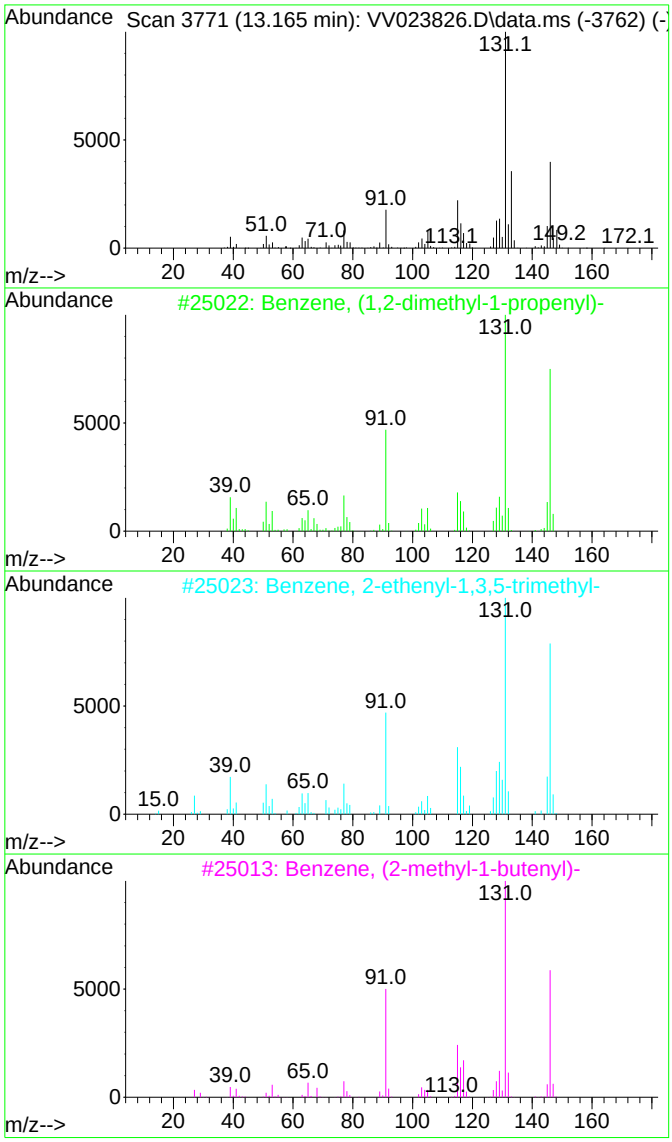
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

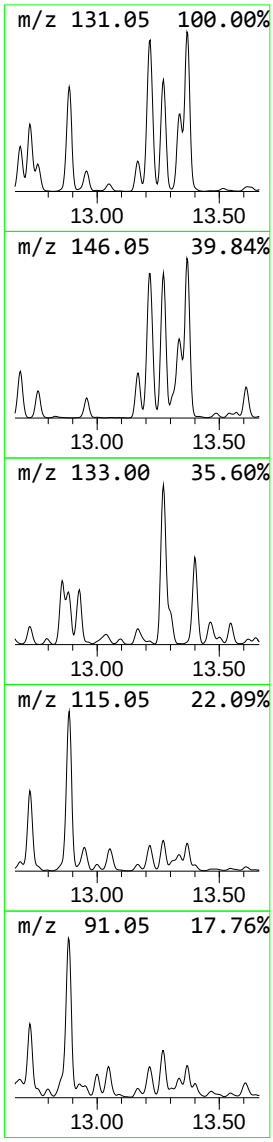
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 33 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 36

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.165 | 5.21 ug/L | 759330 | 1,4-Dichlorobenzene-d4 | 11.249 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (1,2-dimethyl-1-propenyl)- | 146 | C11H14 | 000769-57-3 | 95 |
| 2 | Benzene, 2-ethenyl-1,3,5-trimethyl- | 146 | C11H14 | 000769-25-5 | 92 |
| 3 | Benzene, (2-methyl-1-butenyl)- | 146 | C11H14 | 056253-64-6 | 91 |
| 4 | 1H-Indene, 2,3-dihydro-1,3-dimet... | 146 | C11H14 | 004175-53-5 | 90 |
| 5 | 1H-Indene, 2,3-dihydro-1,2-dimet... | 146 | C11H14 | 017057-82-8 | 90 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023826.D
Acq On : 07 Dec 2021 16:27
Operator : SY/MD
Sample : M4879-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0G31

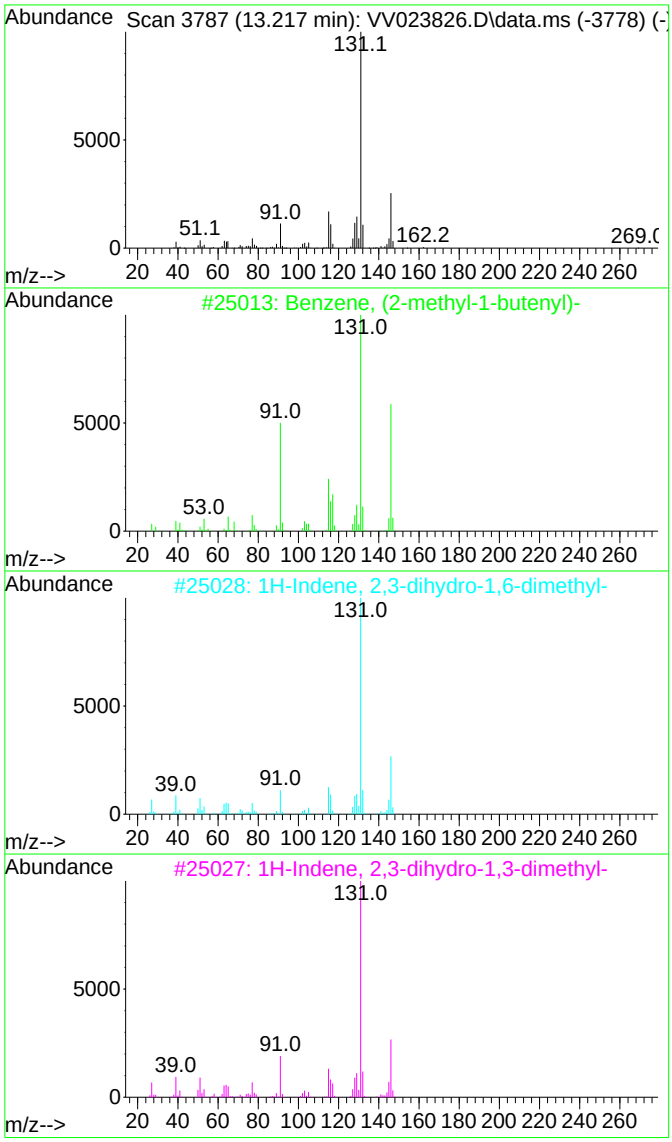
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

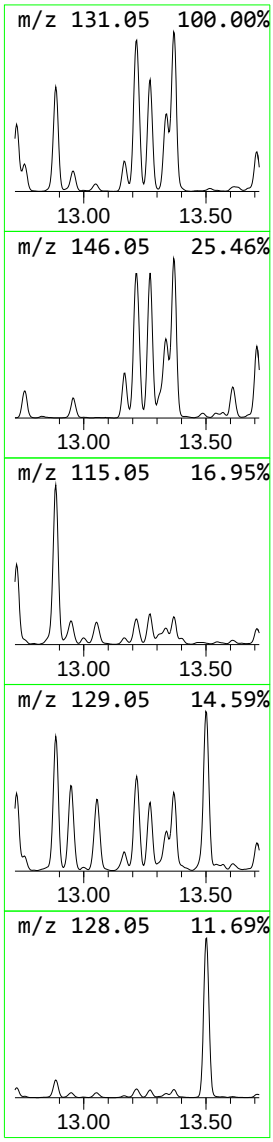
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 34 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.217 | 16.15 ug/L | 2354020 | 1,4-Dichlorobenzene-d4 | 11.249 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (2-methyl-1-butenyl)- | 146 | C11H14 | 056253-64-6 | 94 |
| 2 | 1H-Indene, 2,3-dihydro-1,6-dimet... | 146 | C11H14 | 017059-48-2 | 94 |
| 3 | 1H-Indene, 2,3-dihydro-1,3-dimet... | 146 | C11H14 | 004175-53-5 | 91 |
| 4 | 2,2-Dimethylindene, 2,3-dihydro- | 146 | C11H14 | 020836-11-7 | 91 |
| 5 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023826.D
Acq On : 07 Dec 2021 16:27
Operator : SY/MD
Sample : M4879-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0G31

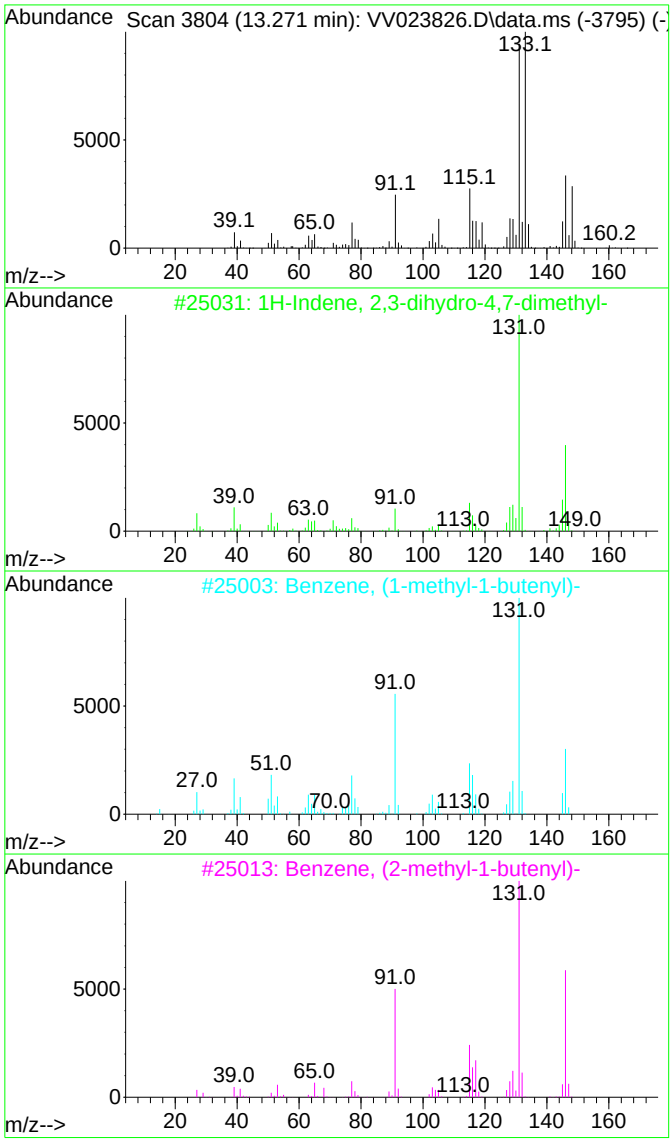
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

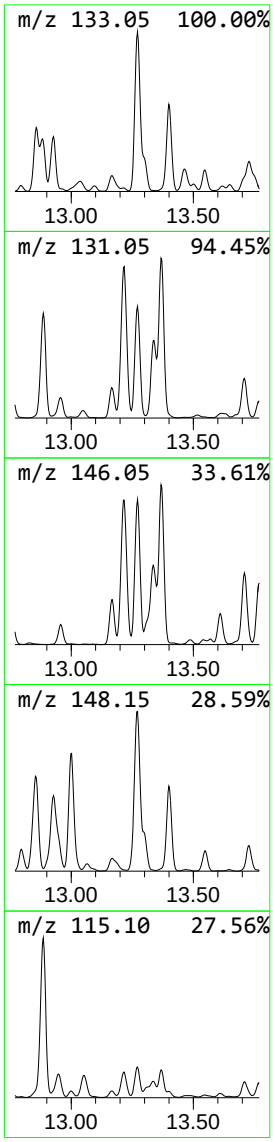
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 35 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.271 | 24.82 ug/L | 3618710 | 1,4-Dichlorobenzene-d4 | 11.249 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 89 |
| 2 | Benzene, (1-methyl-1-butenyl)- | 146 | C11H14 | 053172-84-2 | 87 |
| 3 | Benzene, (2-methyl-1-butenyl)- | 146 | C11H14 | 056253-64-6 | 64 |
| 4 | Benzene, (3-methyl-2-butenyl)- | 146 | C11H14 | 004489-84-3 | 64 |
| 5 | Benzene, 1-methyl-3-(1-methyl-2-... | 146 | C11H14 | 052161-57-6 | 55 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023826.D
Acq On : 07 Dec 2021 16:27
Operator : SY/MD
Sample : M4879-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0G31

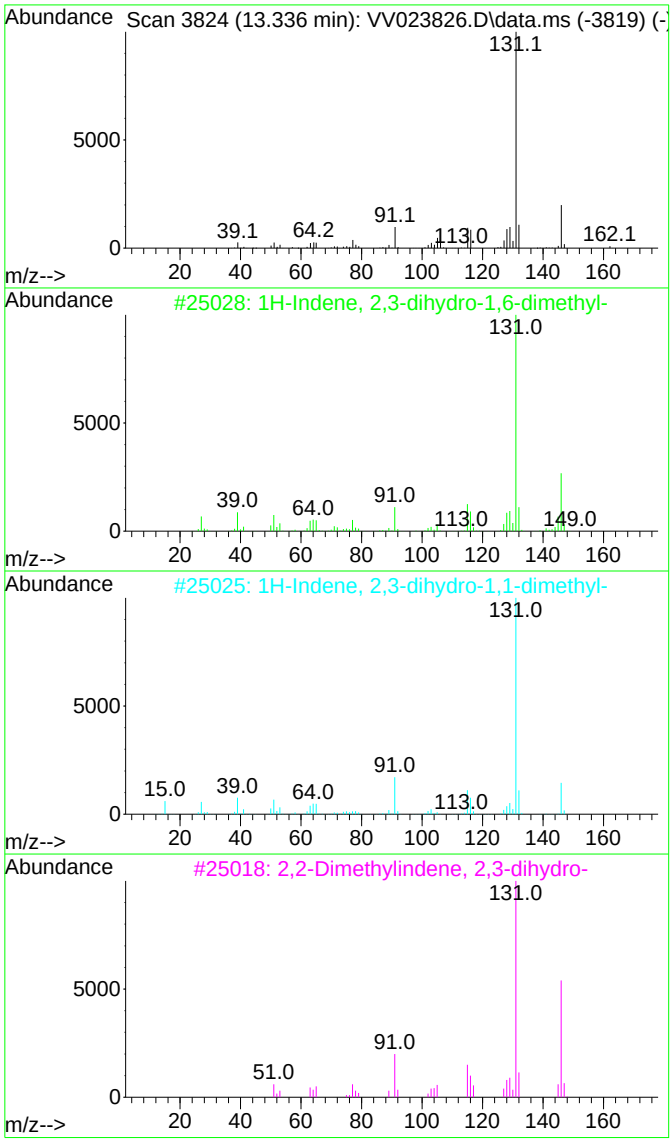
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

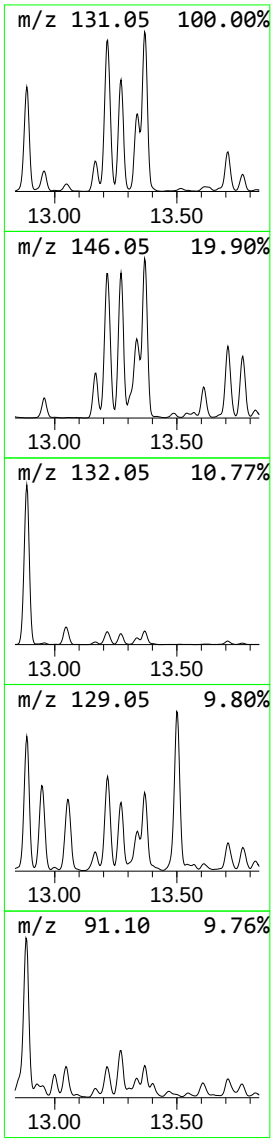
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 36 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 42

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.336 | 3.93 ug/L | 572670 | 1,4-Dichlorobenzene-d4 | 11.249 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2,3-dihydro-1,6-dimet... | 146 | C11H14 | 017059-48-2 | 91 |
| 2 | 1H-Indene, 2,3-dihydro-1,1-dimet... | 146 | C11H14 | 004912-92-9 | 91 |
| 3 | 2,2-Dimethylindene, 2,3-dihydro- | 146 | C11H14 | 020836-11-7 | 90 |
| 4 | Benzene, 1-methyl-4-(1-methyl-2-... | 146 | C11H14 | 097664-18-1 | 87 |
| 5 | 1H-Indene, 2,3-dihydro-1,1-dimet... | 146 | C11H14 | 004912-92-9 | 87 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023826.D
Acq On : 07 Dec 2021 16:27
Operator : SY/MD
Sample : M4879-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0G31

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

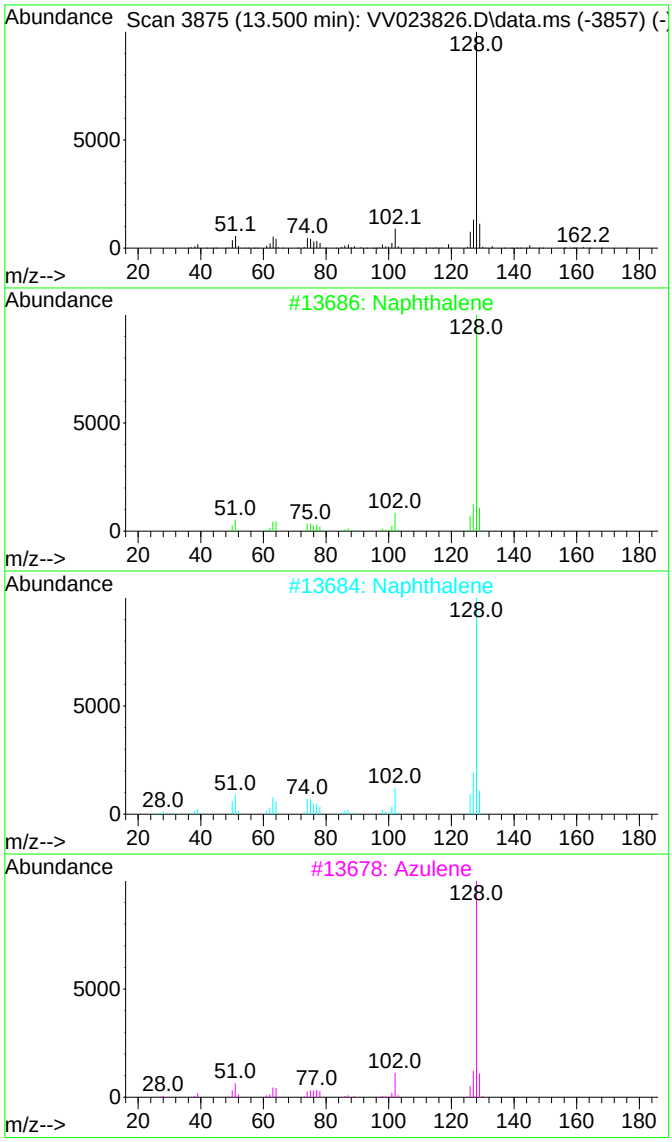
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

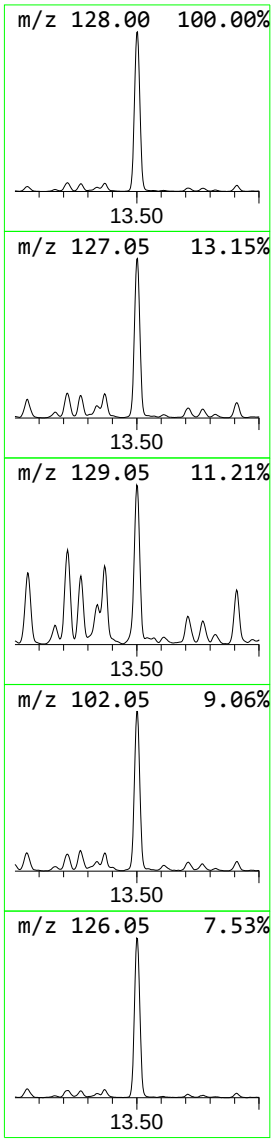
**********

Peak Number 39 Azulene Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.500 | 31.65 ug/L | 4614500 | 1,4-Dichlorobenzene-d4 | 11.249 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene | 128 | C10H8 | 000091-20-3 | 95 |
| 2 | Naphthalene | 128 | C10H8 | 000091-20-3 | 95 |
| 3 | Azulene | 128 | C10H8 | 000275-51-4 | 94 |
| 4 | Azulene | 128 | C10H8 | 000275-51-4 | 91 |
| 5 | 1H-Indene, 1-methylene- | 128 | C10H8 | 002471-84-3 | 91 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023826.D
Acq On : 07 Dec 2021 16:27
Operator : SY/MD
Sample : M4879-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0G31

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.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... | 1.635 | 1.5 | ug/L | 485512 | 1 | 5.619 | 1573820 | 5.0 |
| (DEL) Alkane: S... | 1.806 | 1.6 | ug/L | 516426 | 1 | 5.619 | 1573820 | 5.0 |
| (DEL) Alkane: S... | 2.532 | 1.6 | ug/L | 500769 | 1 | 5.619 | 1573820 | 5.0 |
| (DEL) Alkane: S... | 3.043 | 1.3 | ug/L | 396539 | 1 | 5.619 | 1573820 | 5.0 |
| (DEL) Alkane: C... | 3.764 | 2.6 | ug/L | 817615 | 1 | 5.619 | 1573820 | 5.0 |
| (DEL) Alkane: S... | 5.317 | 1.2 | ug/L | 369540 | 1 | 5.619 | 1573820 | 5.0 |
| Cyclohexene, 4-... | 6.571 | 1.3 | ug/L | 405054 | 1 | 5.619 | 1573820 | 5.0 |
| 2,4-Hexadiene, ... | 7.165 | 1.3 | ug/L | 399587 | 1 | 5.619 | 1573820 | 5.0 |
| 1,3-Dimethyl-1-... | 7.841 | 7.8 | ug/L | 591020 | 2 | 8.853 | 377710 | 5.0 |
| Benzene, propyl- | 10.352 | 35.7 | ug/L | 5204200 | 3 | 11.249 | 728892 | 5.0 |
| Benzene, 1-ethy... | 10.448 | 83.5 | ug/L | 12166500 | 3 | 11.249 | 728892 | 5.0 |
| Benzene, 1-ethy... | 10.738 | 55.0 | ug/L | 8025710 | 3 | 11.249 | 728892 | 5.0 |
| Benzene, (2-met... | 11.056 | 2.5 | ug/L | 360175 | 3 | 11.249 | 728892 | 5.0 |
| Oxirane, 2-meth... | 11.088 | 3.8 | ug/L | 560055 | 3 | 11.249 | 728892 | 5.0 |
| Indane | 11.529 | 106.0 | ug/L | 15444700 | 3 | 11.249 | 728892 | 5.0 |
| Benzene, 1,2-di... | 11.744 | 5.7 | ug/L | 823228 | 3 | 11.249 | 728892 | 5.0 |
| Benzene, 1-meth... | 11.818 | 4.5 | ug/L | 660546 | 3 | 11.249 | 728892 | 5.0 |
| Benzene, 2-ethy... | 11.911 | 19.8 | ug/L | 2886440 | 3 | 11.249 | 728892 | 5.0 |
| Benzene, 1-meth... | 11.940 | 11.2 | ug/L | 1634550 | 3 | 11.249 | 728892 | 5.0 |
| Benzene, 2-ethy... | 12.017 | 80.6 | ug/L | 11744600 | 3 | 11.249 | 728892 | 5.0 |
| Benzene, 1-ethe... | 12.117 | 62.1 | ug/L | 9054750 | 3 | 11.249 | 728892 | 5.0 |
| Benzene, 1-meth... | 12.304 | 5.0 | ug/L | 732189 | 3 | 11.249 | 728892 | 5.0 |
| Benzene, 1,2,3,... | 12.413 | 46.5 | ug/L | 6779420 | 3 | 11.249 | 728892 | 5.0 |
| Benzene, 1,2,3,... | 12.467 | 37.3 | ug/L | 5431220 | 3 | 11.249 | 728892 | 5.0 |
| Benzene, 1-meth... | 12.551 | 11.5 | ug/L | 1674840 | 3 | 11.249 | 728892 | 5.0 |
| 1H-Indene, 2,3-... | 12.686 | 8.7 | ug/L | 1262700 | 3 | 11.249 | 728892 | 5.0 |
| Benzene, 2-bute... | 12.725 | 43.2 | ug/L | 6291540 | 3 | 11.249 | 728892 | 5.0 |
| Benzene, (2-met... | 12.886 | 99.3 | ug/L | 14474100 | 3 | 11.249 | 728892 | 5.0 |
| 1H-Indene, 1-me... | 12.947 | 12.5 | ug/L | 1824300 | 3 | 11.249 | 728892 | 5.0 |
| Benzene, (1,1-d... | 12.998 | 8.6 | ug/L | 1251720 | 3 | 11.249 | 728892 | 5.0 |
| Naphthalene, 1,... | 13.049 | 10.1 | ug/L | 1478830 | 3 | 11.249 | 728892 | 5.0 |
| Benzene, (1,2-d... | 13.165 | 5.2 | ug/L | 759330 | 3 | 11.249 | 728892 | 5.0 |
| 1H-Indene, 2,3-... | 13.217 | 16.1 | ug/L | 2354020 | 3 | 11.249 | 728892 | 5.0 |
| 1H-Indene, 2,3-... | 13.271 | 24.8 | ug/L | 3618710 | 3 | 11.249 | 728892 | 5.0 |
| 1H-Indene, 2,3-... | 13.336 | 3.9 | ug/L | 572670 | 3 | 11.249 | 728892 | 5.0 |
| Azulene | 13.500 | 31.6 | ug/L | 4614500 | 3 | 11.249 | 728892 | 5.0 |