

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU012825\  
 Data File : VU063068.D  
 Acq On : 28 Jan 2025 15:40  
 Operator : MD/SY  
 Sample : Q1195-06  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 E2958

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.1

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR012725WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VU063068.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 1.464       | 45            | 54          | 74           | rBV      | 25017          | 53429         | 12.31%          | 1.386%        |
| 2         | 1.592       | 84            | 94          | 105          | rVB      | 24553          | 33631         | 7.75%           | 0.872%        |
| 3         | 1.727       | 130           | 136         | 142          | rBV      | 3876           | 4380          | 1.01%           | 0.114%        |
| 4         | 1.904       | 183           | 191         | 204          | rVB      | 22299          | 28753         | 6.62%           | 0.746%        |
| 5         | 2.557       | 382           | 394         | 407          | rBV      | 53875          | 89954         | 20.73%          | 2.333%        |
| 6         | 4.608       | 1023          | 1032        | 1061         | rBV2     | 37595          | 96283         | 22.18%          | 2.498%        |
| 7         | 5.049       | 1153          | 1169        | 1196         | rBV3     | 67285          | 149868        | 34.53%          | 3.887%        |
| 8         | 5.711       | 1356          | 1375        | 1402         | rBV3     | 106166         | 285645        | 65.81%          | 7.409%        |
| 9         | 6.239       | 1527          | 1539        | 1560         | rBV      | 125145         | 242462        | 55.86%          | 6.289%        |
| 10        | 6.679       | 1664          | 1676        | 1696         | rBV2     | 69956          | 135169        | 31.14%          | 3.506%        |
| 11        | 7.557       | 1939          | 1949        | 1970         | rBV      | 44499          | 77017         | 17.74%          | 1.998%        |
| 12        | 7.888       | 2040          | 2052        | 2072         | rBV      | 150019         | 268029        | 61.75%          | 6.953%        |
| 13        | 8.171       | 2131          | 2140        | 2156         | rBV2     | 28207          | 48397         | 11.15%          | 1.255%        |
| 14        | 8.624       | 2270          | 2281        | 2310         | rBV      | 144812         | 281808        | 64.93%          | 7.310%        |
| 15        | 9.409       | 2513          | 2525        | 2549         | rBV      | 190834         | 323931        | 74.63%          | 8.403%        |
| 16        | 10.746      | 2929          | 2941        | 2962         | rBV2     | 70476          | 116926        | 26.94%          | 3.033%        |
| 17        | 11.045      | 3023          | 3034        | 3043         | rVB2     | 3078           | 5029          | 1.16%           | 0.130%        |
| 18        | 11.804      | 3258          | 3270        | 3288         | rBV      | 220067         | 375238        | 86.46%          | 9.733%        |
| 19        | 12.058      | 3330          | 3349        | 3376         | rBV      | 101607         | 240498        | 55.41%          | 6.238%        |
| 20        | 12.184      | 3377          | 3388        | 3407         | rVB      | 198226         | 341997        | 78.80%          | 8.871%        |
| 21        | 14.023      | 3951          | 3960        | 3970         | rVB9     | 7742           | 14663         | 3.38%           | 0.380%        |
| 22        | 14.415      | 4072          | 4082        | 4099         | rVB2     | 26598          | 45212         | 10.42%          | 1.173%        |
| 23        | 15.103      | 4286          | 4296        | 4306         | rBV2     | 11249          | 17565         | 4.05%           | 0.456%        |
| 24        | 15.479      | 4403          | 4413        | 4431         | rBV3     | 19937          | 38964         | 8.98%           | 1.011%        |
| 25        | 15.714      | 4478          | 4486        | 4497         | rVB6     | 11864          | 18552         | 4.27%           | 0.481%        |
| 26        | 16.225      | 4634          | 4645        | 4674         | rBV      | 233891         | 434025        | 100.00%         | 11.258%       |
| 27        | 16.482      | 4715          | 4725        | 4746         | rVB2     | 47717          | 87718         | 20.21%          | 2.275%        |

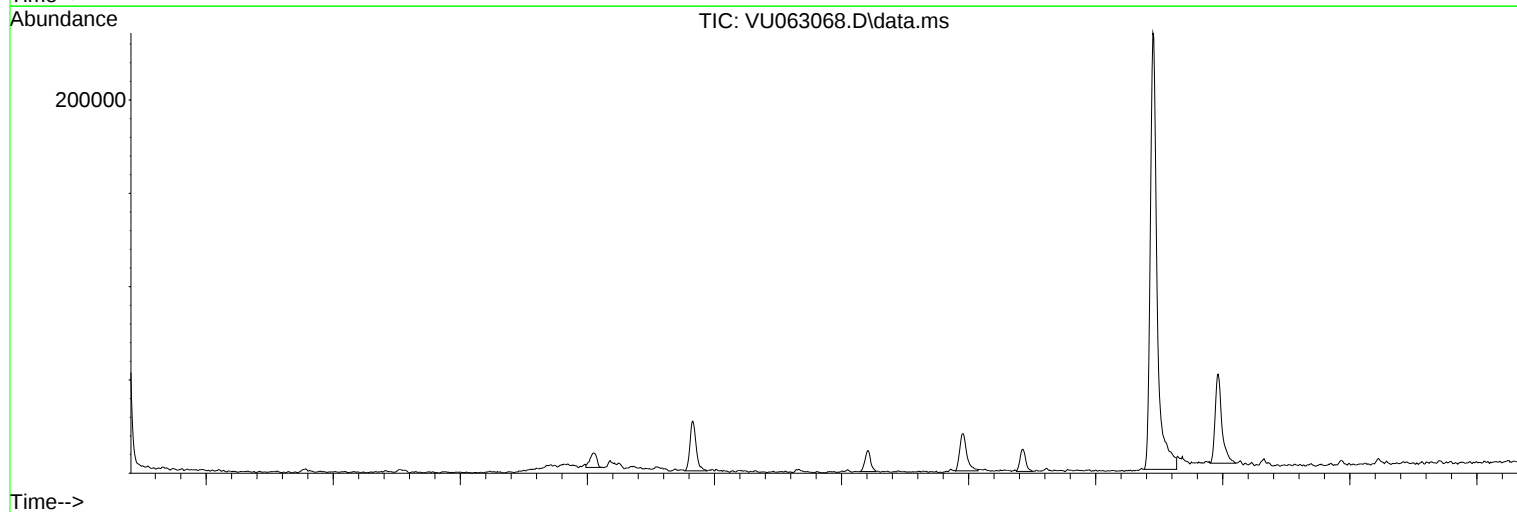
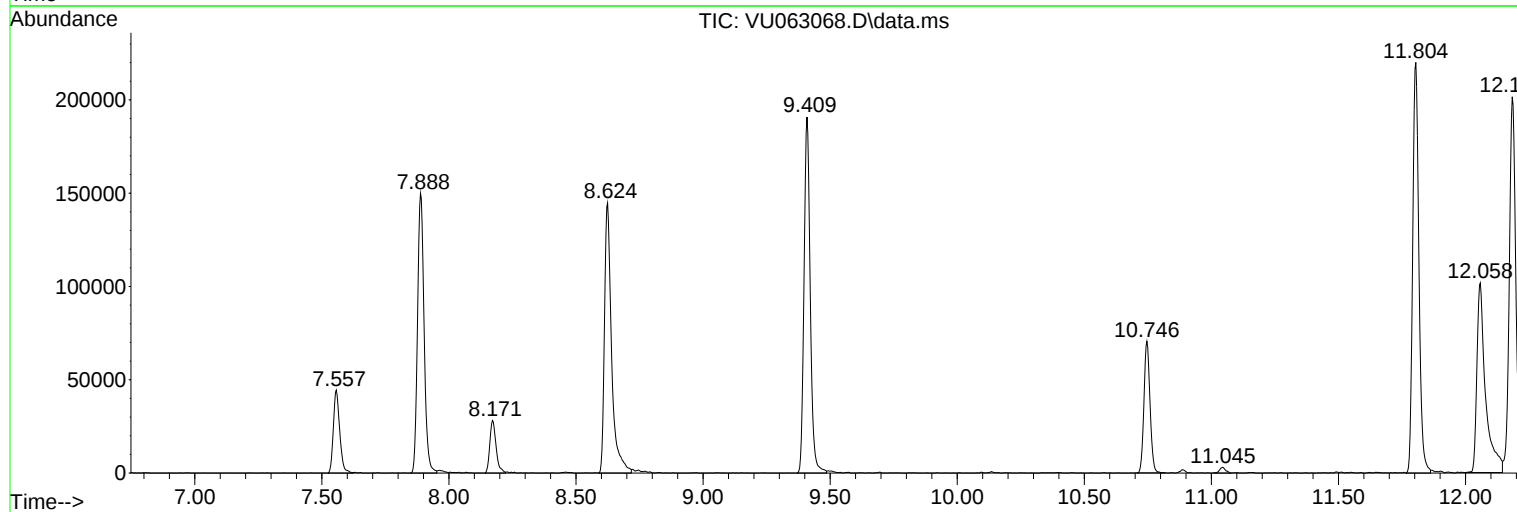
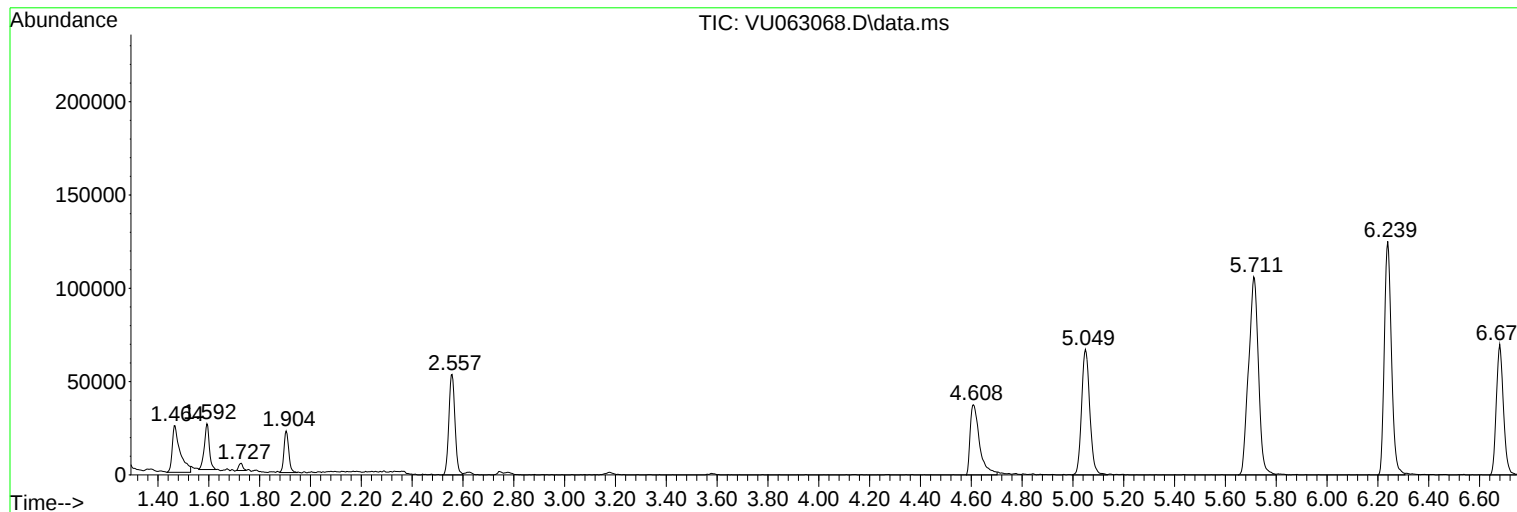
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ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
E2958

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR012725WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L

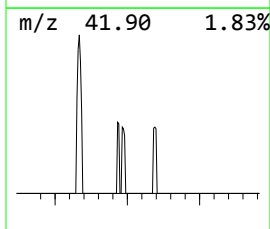
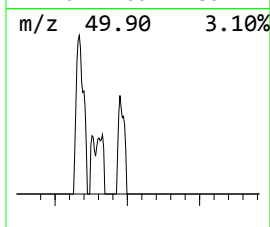
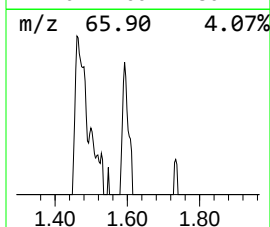
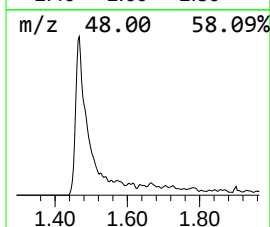
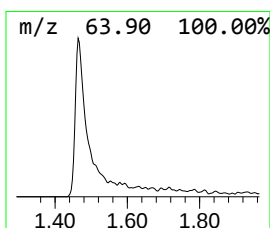
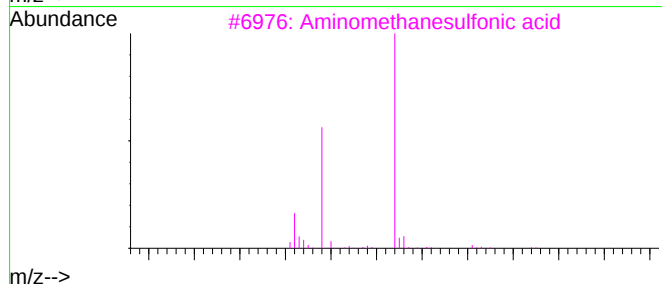
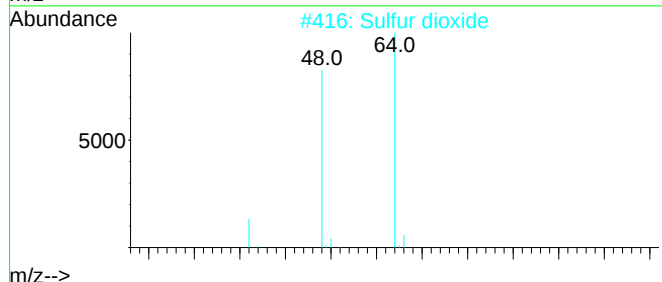
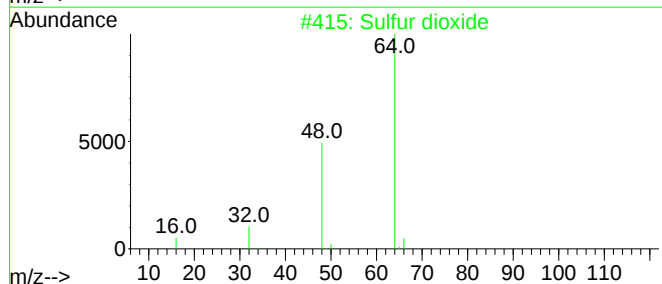
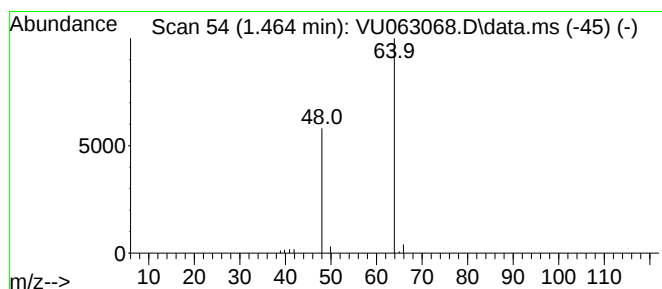
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Sulfur dioxide Concentration Rank 5

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 1.464 | 1.10 ug/L | 53429 | 1,4-Difluorobenzene | 6.239 |

| Hit# of 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|-----------|---------------------------|-----|---------|-------------|------|
| 1         | Sulfur dioxide            | 64  | O2S     | 007446-09-5 | 90   |
| 2         | Sulfur dioxide            | 64  | O2S     | 007446-09-5 | 74   |
| 3         | Aminomethanesulfonic acid | 111 | CH5NO3S | 013881-91-9 | 9    |
| 4         | Aminomethanesulfonic acid | 111 | CH5NO3S | 013881-91-9 | 9    |
| 5         | Aminomethanesulfonic acid | 111 | CH5NO3S | 013881-91-9 | 9    |



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ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
E2958

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR012725WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

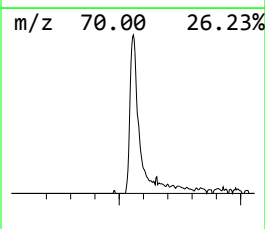
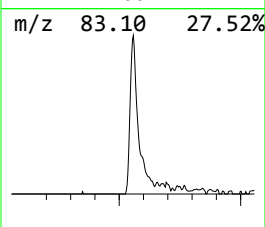
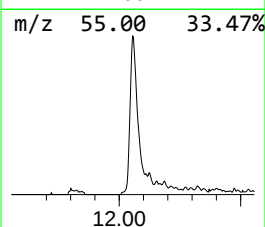
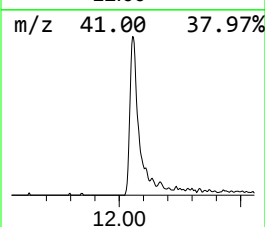
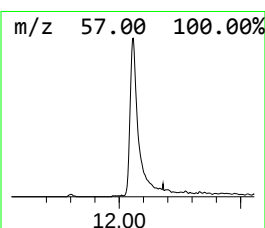
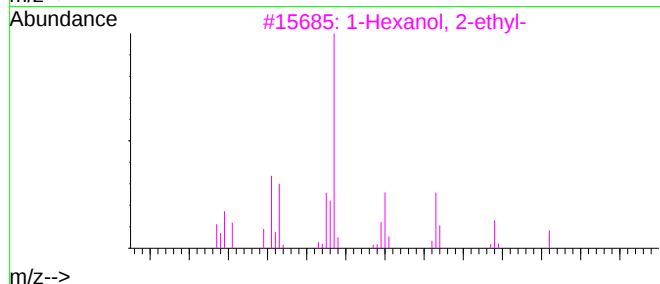
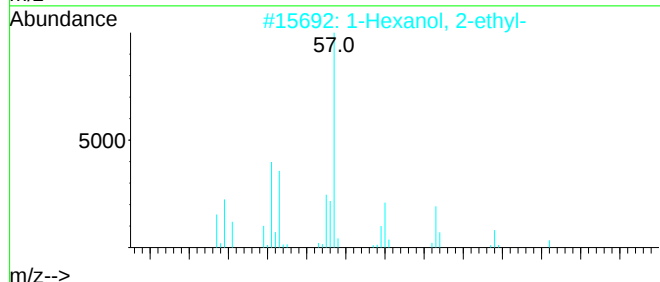
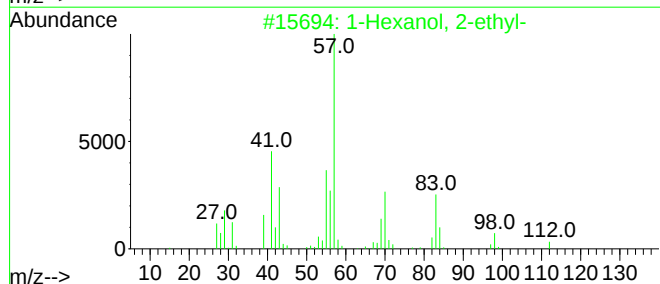
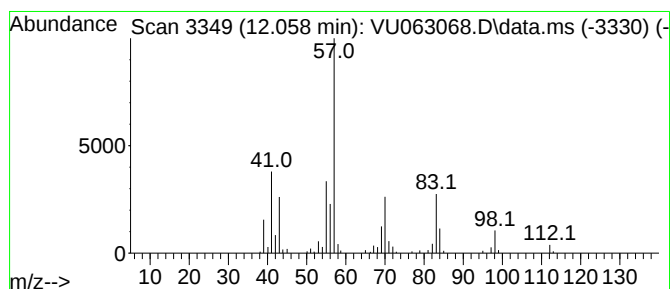
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Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 2

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 12.058 | 3.20 ug/L | 240498 | 1,4-Dichlorobenzene-d4 | 11.804 |

| Hit# of 5 | Tentative ID        | MW  | MolForm | CAS#        | Qual |
|-----------|---------------------|-----|---------|-------------|------|
| 1         | 1-Hexanol, 2-ethyl- | 130 | C8H18O  | 000104-76-7 | 90   |
| 2         | 1-Hexanol, 2-ethyl- | 130 | C8H18O  | 000104-76-7 | 90   |
| 3         | 1-Hexanol, 2-ethyl- | 130 | C8H18O  | 000104-76-7 | 83   |
| 4         | 1-Hexanol, 2-ethyl- | 130 | C8H18O  | 000104-76-7 | 78   |
| 5         | 2-Propyl-1-pentanol | 130 | C8H18O  | 058175-57-8 | 53   |



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Misc : 25mL/MSVOA\_U/WATER  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
E2958

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR012725WMA.M  
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

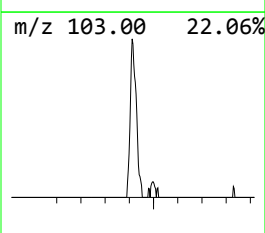
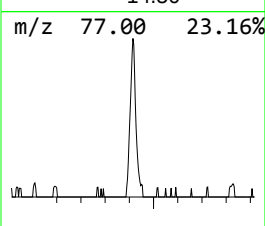
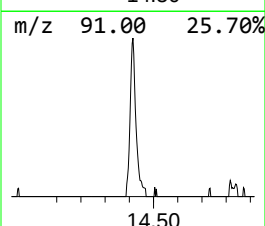
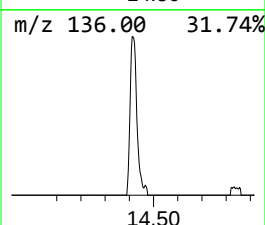
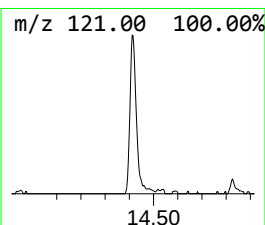
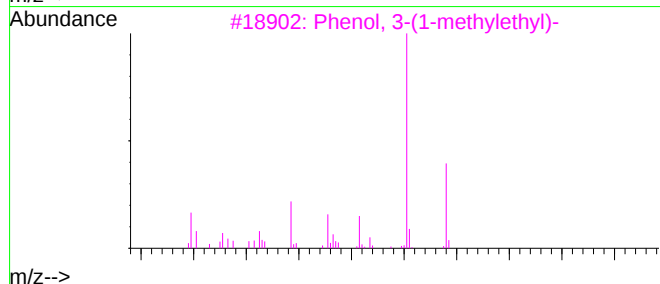
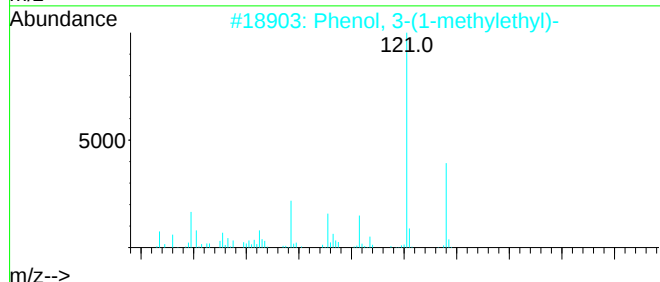
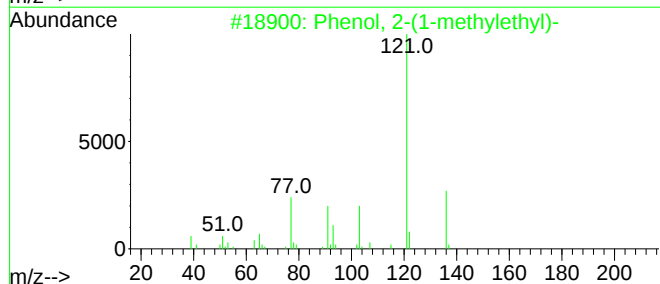
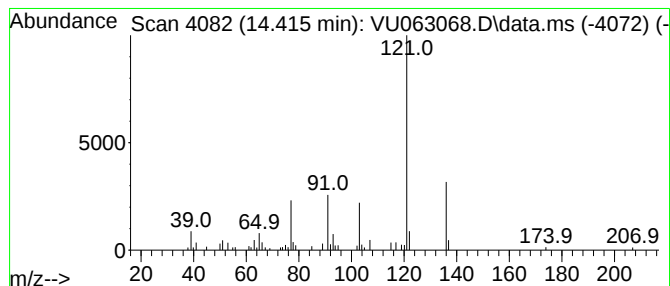
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Peak Number 4 Phenol, 2-(1-methylethyl)- Concentration Rank 6

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 14.415 | 0.60 ug/L | 45212 | 1,4-Dichlorobenzene-d4 | 11.804 |

| Hit# of 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|-----------|----------------------------|-----|---------|-------------|------|
| 1         | Phenol, 2-(1-methylethyl)- | 136 | C9H12O  | 000088-69-7 | 94   |
| 2         | Phenol, 3-(1-methylethyl)- | 136 | C9H12O  | 000618-45-1 | 90   |
| 3         | Phenol, 3-(1-methylethyl)- | 136 | C9H12O  | 000618-45-1 | 90   |
| 4         | Phenol, 2-(1-methylethyl)- | 136 | C9H12O  | 000088-69-7 | 87   |
| 5         | Phenol, 2-(1-methylethyl)- | 136 | C9H12O  | 000088-69-7 | 87   |



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Instrument :  
MSVOA\_U  
ClientSampleId :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR012725WMA.M  
Quant Title : TRACE VOA SFAM1.0

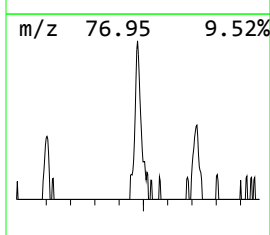
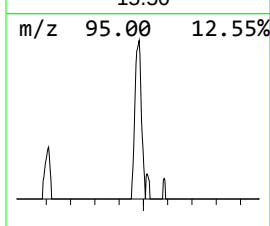
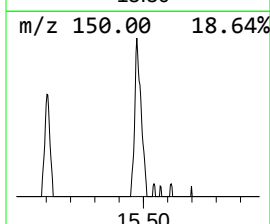
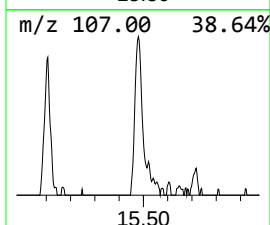
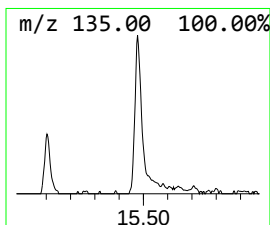
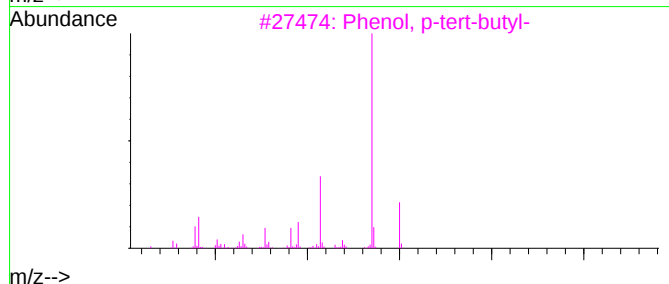
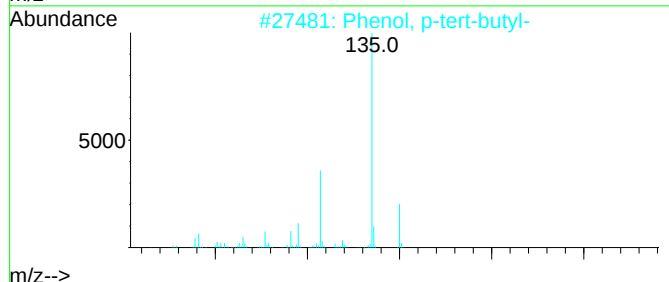
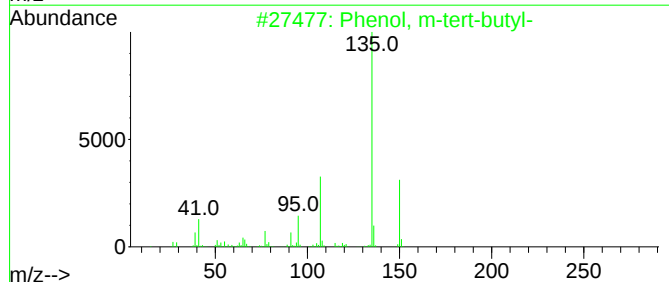
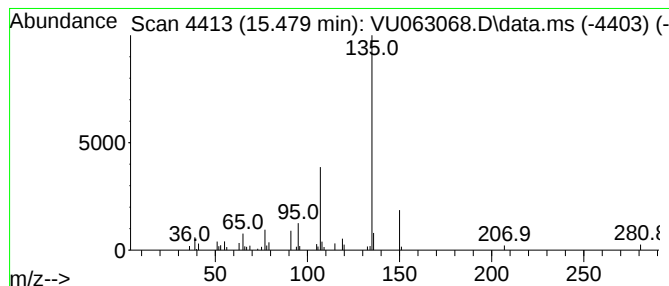
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

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Peak Number 5 Phenol, m-tert-butyl- Concentration Rank 7

| R.T.      | EstConc                        | Area  | Relative to ISTD       |         | R.T.        |      |
|-----------|--------------------------------|-------|------------------------|---------|-------------|------|
| 15.479    | 0.52 ug/L                      | 38964 | 1,4-Dichlorobenzene-d4 |         | 11.804      |      |
| Hit# of 5 | Tentative ID                   |       | MW                     | MolForm | CAS#        | Qual |
| 1         | Phenol, m-tert-butyl-          |       | 150                    | C10H14O | 000585-34-2 | 91   |
| 2         | Phenol, p-tert-butyl-          |       | 150                    | C10H14O | 000098-54-4 | 91   |
| 3         | Phenol, p-tert-butyl-          |       | 150                    | C10H14O | 000098-54-4 | 87   |
| 4         | Phenol, p-tert-butyl-          |       | 150                    | C10H14O | 000098-54-4 | 87   |
| 5         | Phenol, 2-(1,1-dimethylethyl)- |       | 150                    | C10H14O | 000088-18-6 | 72   |



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Quant Title : TRACE VOA SFAM1.0

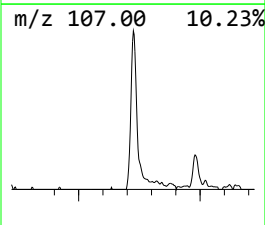
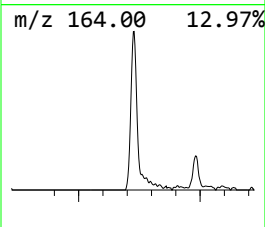
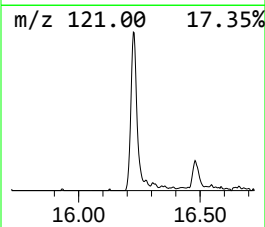
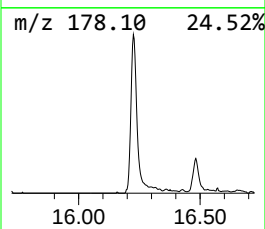
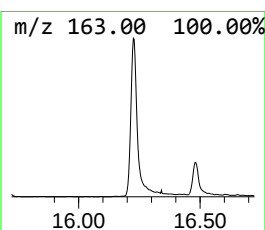
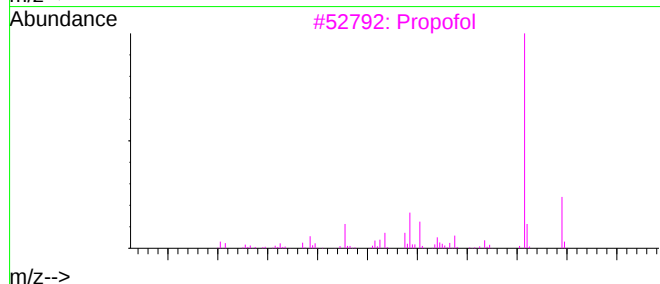
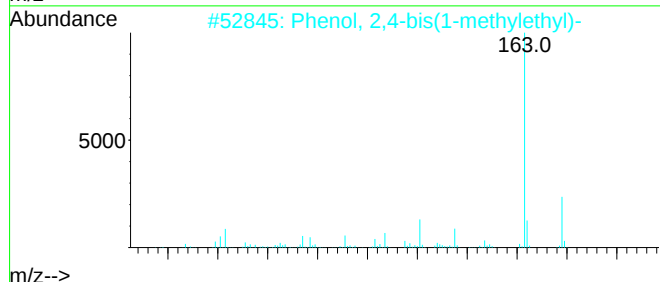
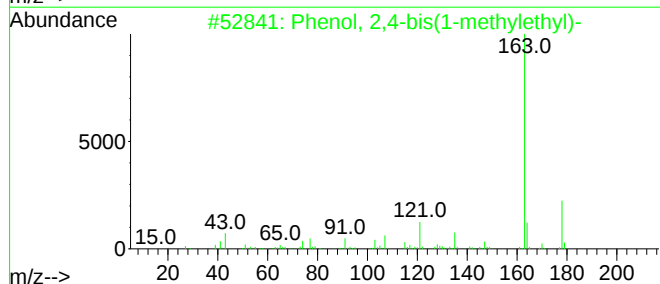
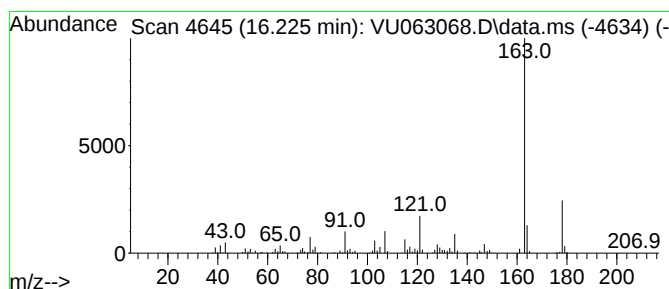
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

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Peak Number 6 Phenol, 2,4-bis(1-methylethyl) Concentration Rank 1

| R.T.      | EstConc                         | Area   | Relative to ISTD       | R.T.        |      |
|-----------|---------------------------------|--------|------------------------|-------------|------|
| 16.225    | 5.78 ug/L                       | 434025 | 1,4-Dichlorobenzene-d4 | 11.804      |      |
| Hit# of 5 | Tentative ID                    | MW     | MolForm                | CAS#        | Qual |
| 1         | Phenol, 2,4-bis(1-methylethyl)- | 178    | C12H18O                | 002934-05-6 | 97   |
| 2         | Phenol, 2,4-bis(1-methylethyl)- | 178    | C12H18O                | 002934-05-6 | 96   |
| 3         | Propofol                        | 178    | C12H18O                | 002078-54-8 | 94   |
| 4         | Propofol                        | 178    | C12H18O                | 002078-54-8 | 93   |
| 5         | Propofol                        | 178    | C12H18O                | 002078-54-8 | 90   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU012825\  
Data File : VU063068.D  
Acq On : 28 Jan 2025 15:40  
Operator : MD/SY  
Sample : Q1195-06  
Misc : 25mL/MSVOA\_U/WATER  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
E2958

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR012725WMA.M  
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

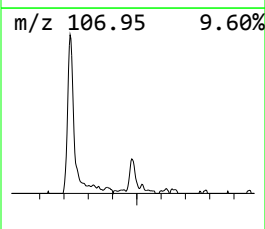
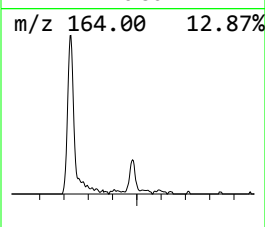
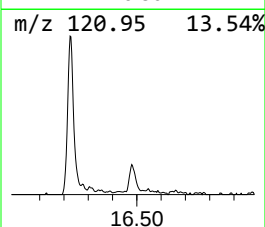
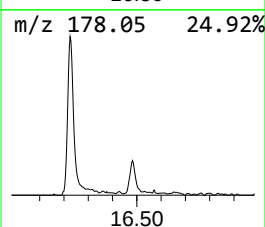
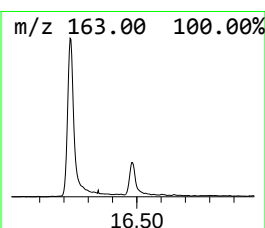
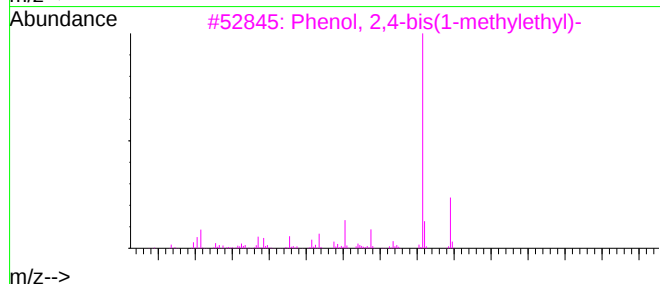
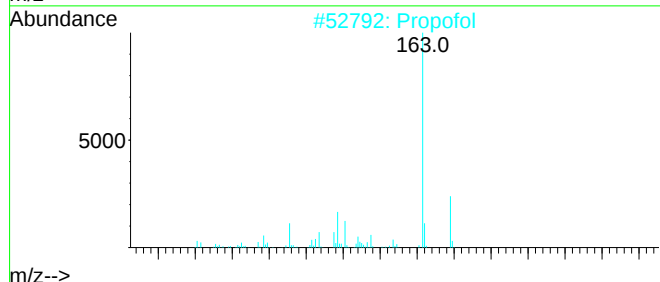
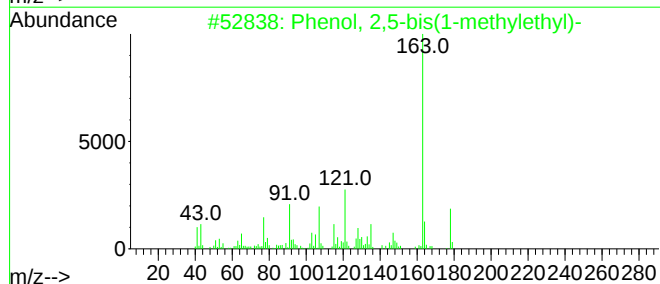
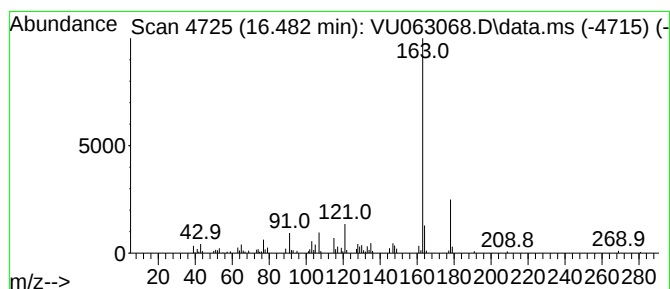
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Peak Number 7 Phenol, 2,5-bis(1-methylethyl) Concentration Rank 4

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 16.483 | 1.17 ug/L | 87718 | 1,4-Dichlorobenzene-d4 | 11.804 |

| Hit# of 5 | Tentative ID                    | MW  | MolForm | CAS#        | Qual |
|-----------|---------------------------------|-----|---------|-------------|------|
| 1         | Phenol, 2,5-bis(1-methylethyl)- | 178 | C12H18O | 035946-91-9 | 95   |
| 2         | Propofol                        | 178 | C12H18O | 002078-54-8 | 94   |
| 3         | Phenol, 2,4-bis(1-methylethyl)- | 178 | C12H18O | 002934-05-6 | 93   |
| 4         | Propofol                        | 178 | C12H18O | 002078-54-8 | 91   |
| 5         | Phenol, 2,4-bis(1-methylethyl)- | 178 | C12H18O | 002934-05-6 | 90   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU012825\  
Data File : VU063068.D  
Acq On : 28 Jan 2025 15:40  
Operator : MD/SY  
Sample : Q1195-06  
Misc : 25mL/MSVOA\_U/WATER  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
E2958

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR012725WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Sulfur dioxide     | 1.464  | 1.1     | ug/L  | 53429    | 1                     | 6.239  | 242462 | 5.0  |
| 1-Hexanol, 2-et... | 12.058 | 3.2     | ug/L  | 240498   | 3                     | 11.804 | 375238 | 5.0  |
| Phenol, 2-(1-me... | 14.415 | 0.6     | ug/L  | 45212    | 3                     | 11.804 | 375238 | 5.0  |
| Phenol, m-tert-... | 15.479 | 0.5     | ug/L  | 38964    | 3                     | 11.804 | 375238 | 5.0  |
| Phenol, 2,4-bis... | 16.225 | 5.8     | ug/L  | 434025   | 3                     | 11.804 | 375238 | 5.0  |
| Phenol, 2,5-bis... | 16.483 | 1.2     | ug/L  | 87718    | 3                     | 11.804 | 375238 | 5.0  |