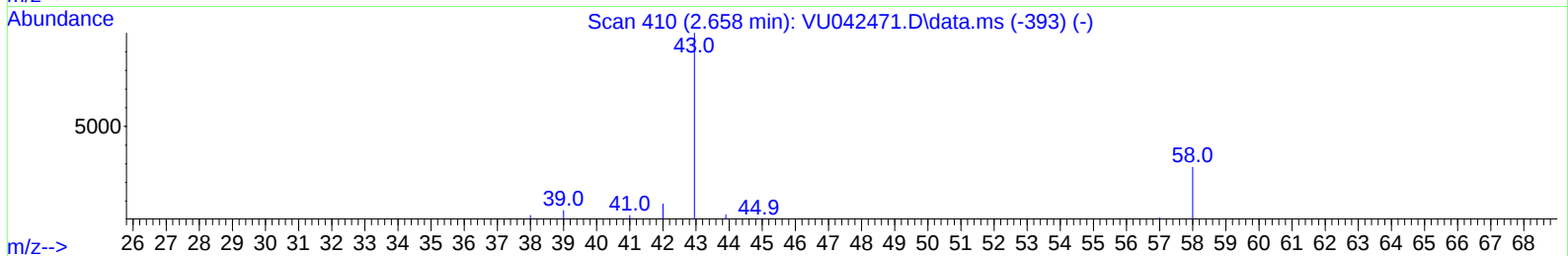
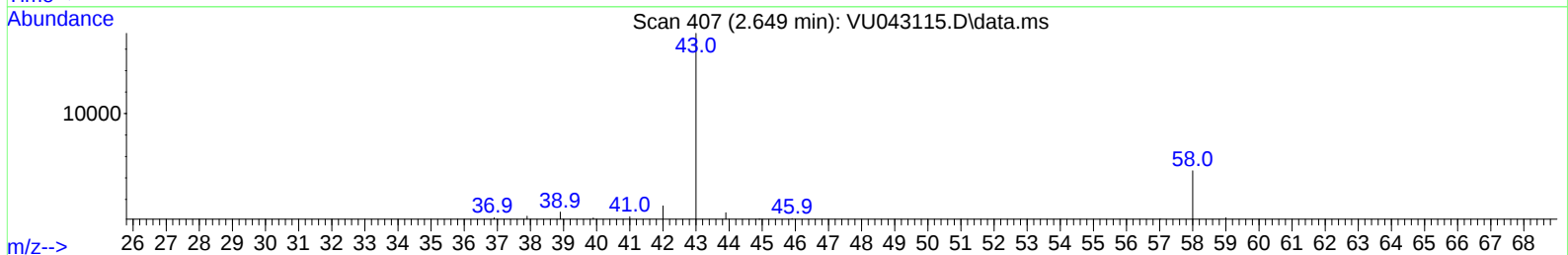
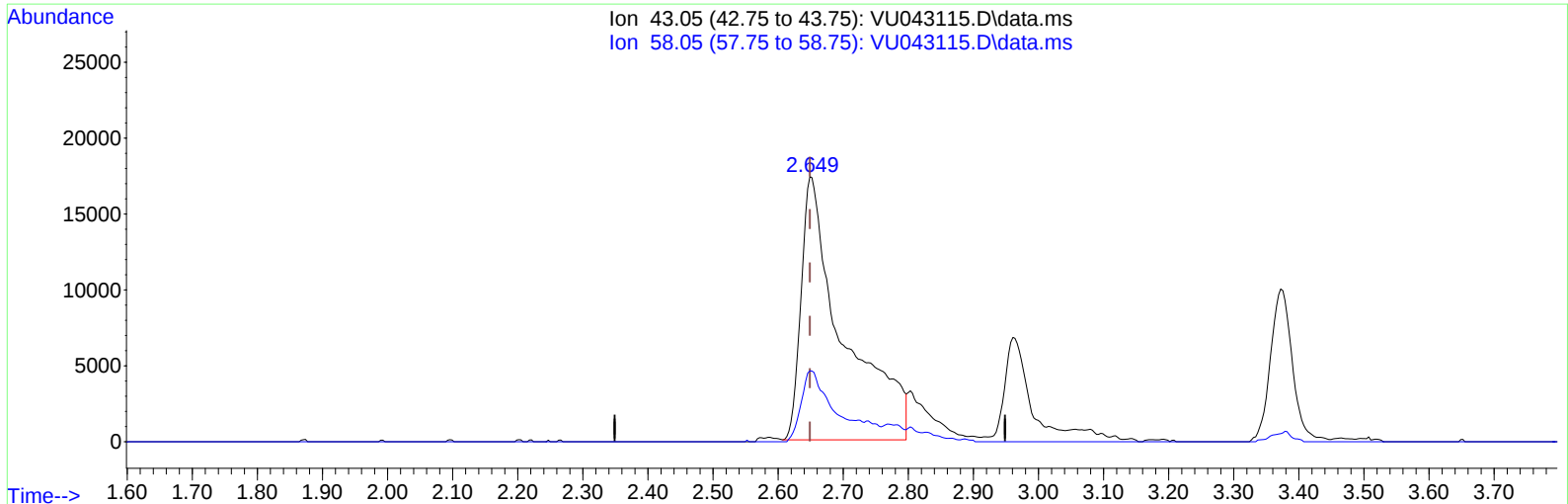


Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041521\  
 Data File : VU043115.D  
 Acq On : 15 Apr 2021 11:46  
 Operator : SY/MD  
 Sample : VSTDICV005  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 16 04:36:06 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR041521WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Apr 16 04:32:52 2021  
 Response via : Initial Calibration



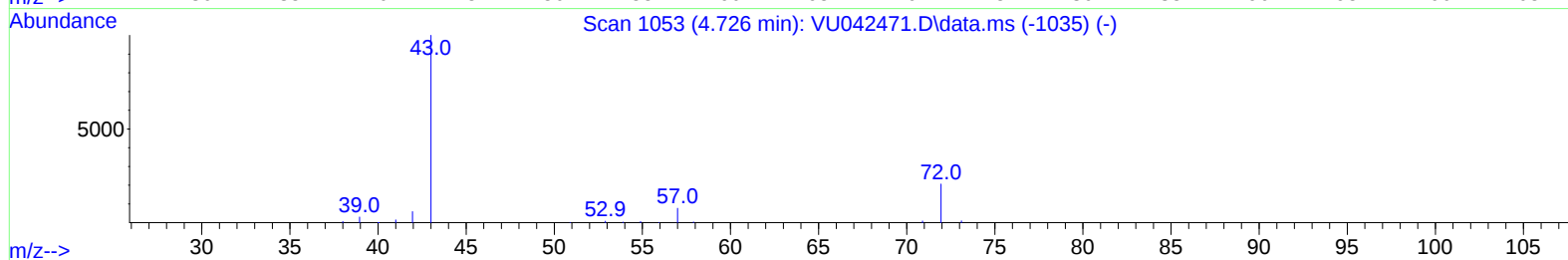
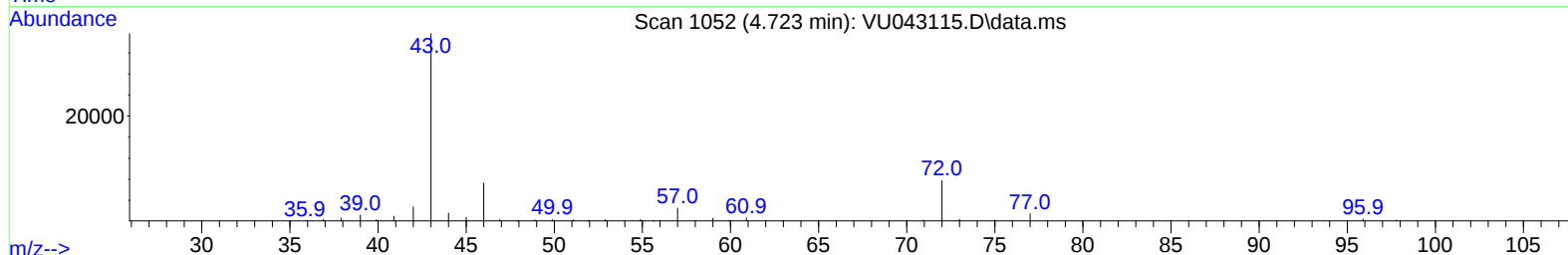
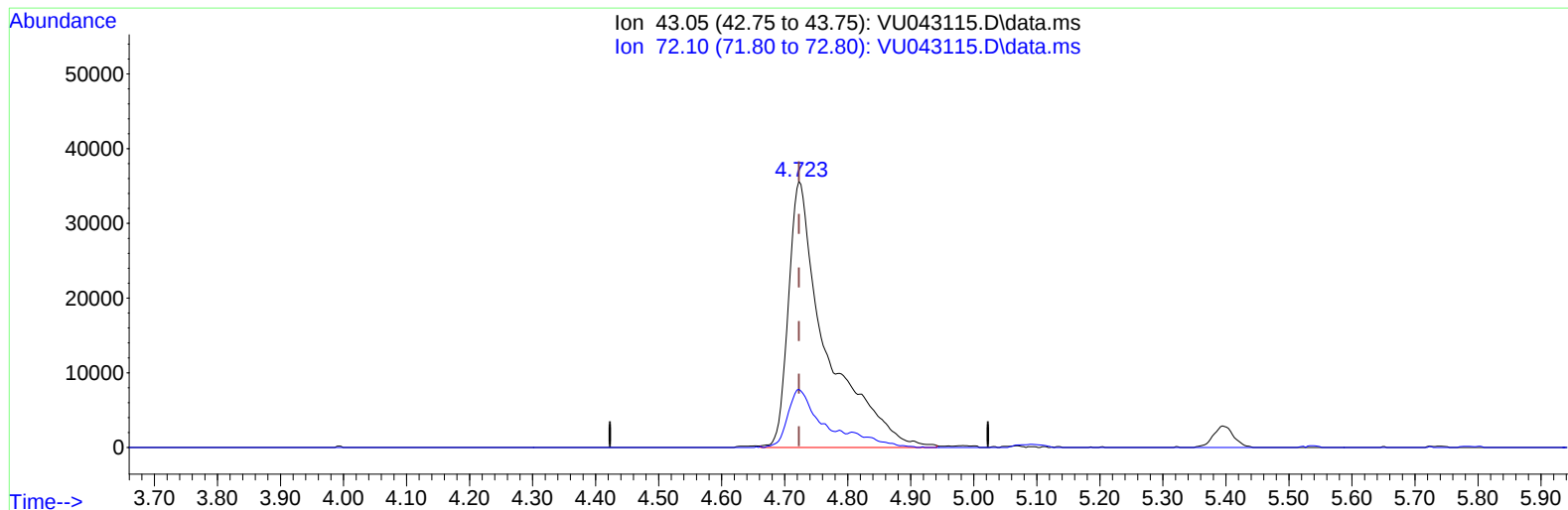
TIC: VU043115.D\data.ms

**(13) Acetone (T)****2.649min (-0.000) 44.83 ug/L****response 77826**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.05 | 100.00 | 100.00 |
| 58.05 | 12.50  | 20.91  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041521\  
Data File : VU043115.D  
Acq On : 15 Apr 2021 11:46  
Operator : SY/MD  
Sample : VSTDICV005  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 16 04:36:06 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR041521WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Fri Apr 16 04:32:52 2021  
Response via : Initial Calibration



TIC: VU043115.D\data.ms

**(21) 2-Butanone (T)**

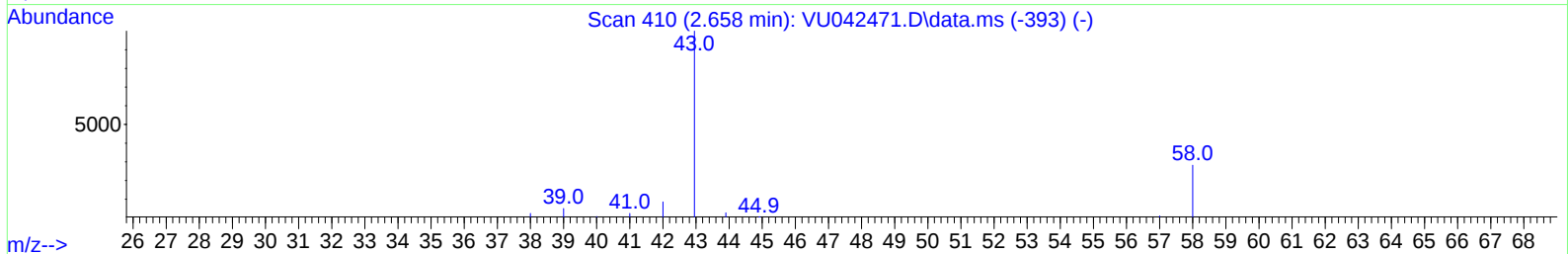
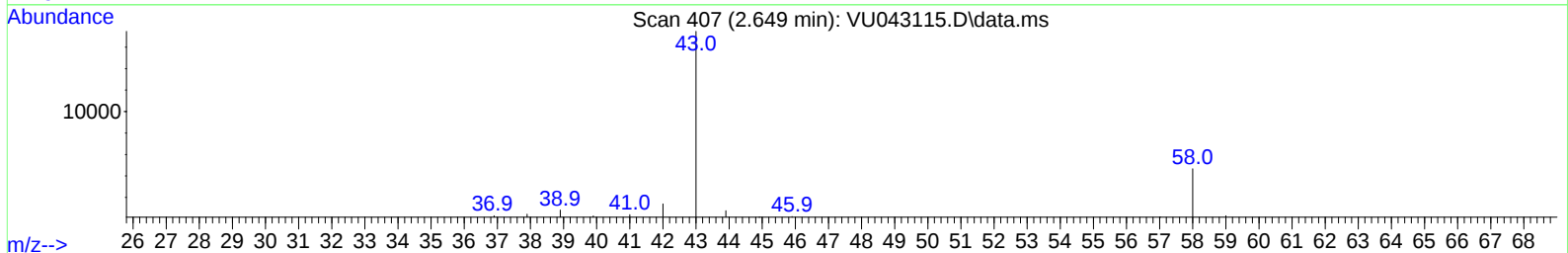
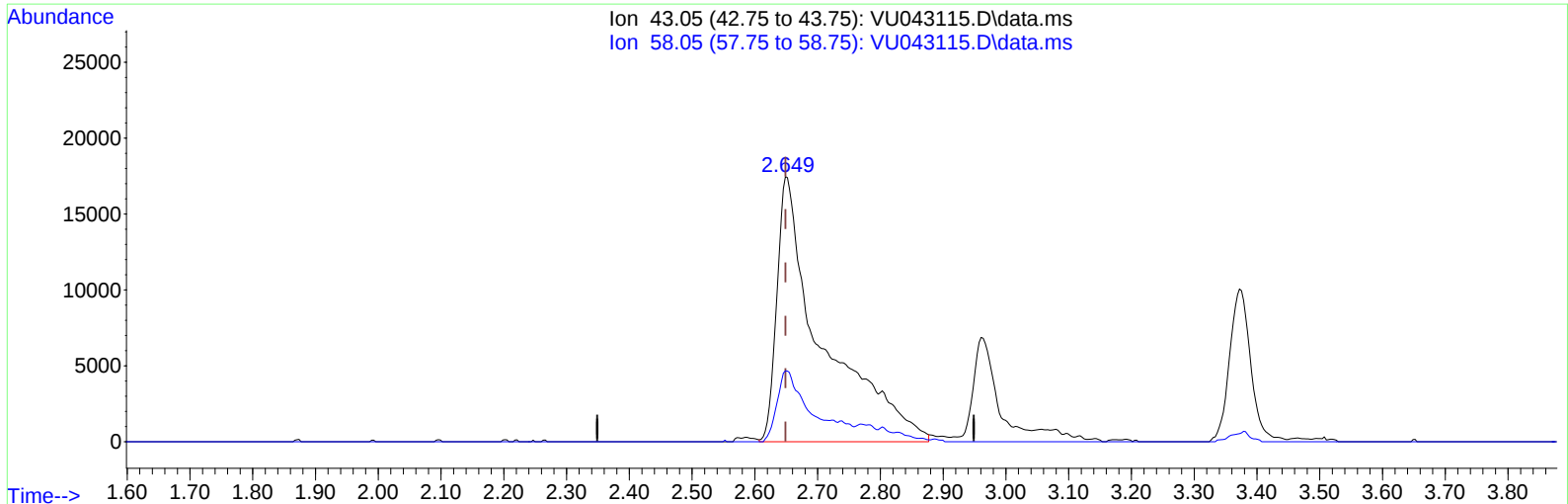
**4.723min (-0.000) 51.79 ug/L m**

**response 148368**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.05 | 100.00 | 100.00 |
| 72.10 | 31.50  | 16.68  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041521\  
 Data File : VU043115.D  
 Acq On : 15 Apr 2021 11:46  
 Operator : SY/MD  
 Sample : VSTDICV005  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 16 04:36:06 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR041521WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Apr 16 04:32:52 2021  
 Response via : Initial Calibration



TIC: VU043115.D\data.ms

**(13) Acetone (T)**

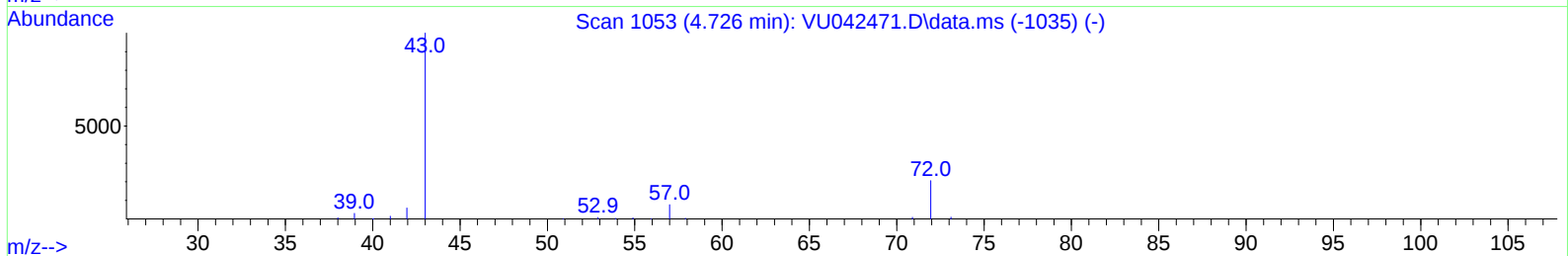
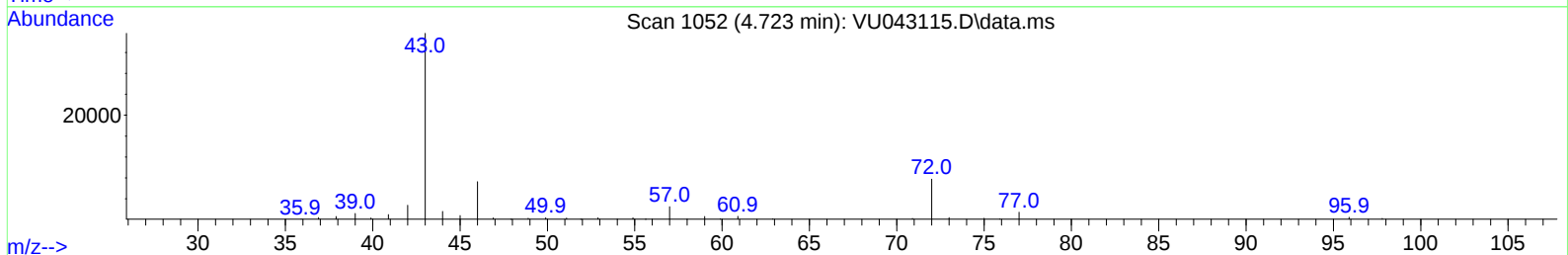
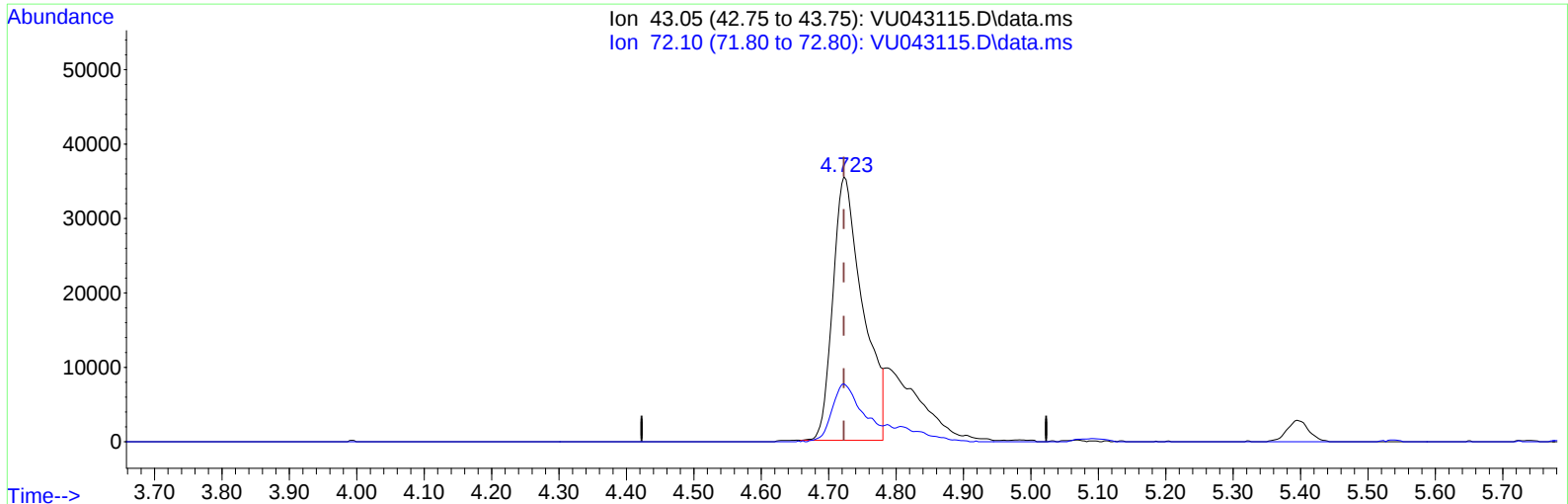
2.649min (-0.000) 50.41 ug/L m

response 87506

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.05 | 100.00 | 100.00 |
| 58.05 | 12.50  | 18.59  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041521\  
 Data File : VU043115.D  
 Acq On : 15 Apr 2021 11:46  
 Operator : SY/MD  
 Sample : VSTDICV005  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 16 04:36:06 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR041521WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Apr 16 04:32:52 2021  
 Response via : Initial Calibration



TIC: VU043115.D\data.ms

**(21) 2-Butanone (T)**

**4.723min (-0.000) 38.21 ug/L**

**response 109456**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.05 | 100.00 | 100.00 |
| 72.10 | 31.50  | 22.61  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041521\  
 Data File : VU043115.D  
 Acq On : 15 Apr 2021 11:46  
 Operator : SY/MD  
 Sample : VSTDICV005  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 16 04:36:06 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR041521WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Apr 16 04:32:52 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.259  | 114   | 105925   | 5.00     | ug/L  | # 0.00   |
| 28) Chlorobenzene-d5          | 9.427  | 117   | 102436   | 5.00     | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.822 | 152   | 55875    | 5.00     | ug/L  | 0.00     |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.601  | 65    | 26603    | 4.94     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 98.80%   |
| 7) Chloroethane-d5            | 1.919  | 69    | 24254    | 4.78     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 95.60%   |
| 11) 1,1-Dichloroethene-d2     | 2.572  | 65    | 15222    | 4.88     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 97.60%   |
| 20) 2-Butanone-d5             | 4.645  | 46    | 121310   | 51.35    | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 102.70%  |
| 24) Chloroform-d              | 5.073  | 84    | 69005    | 5.04     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 100.80%  |
| 26) 1,2-Dichloroethane-d4     | 5.710  | 65    | 41237    | 4.45     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 89.00%   |
| 32) Benzene-d6                | 5.735  | 84    | 120955   | 5.07     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 101.40%  |
| 36) 1,2-Dichloropropane-d6    | 6.700  | 67    | 40325    | 5.10     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 102.00%  |
| 41) Toluene-d8                | 7.906  | 98    | 119898   | 4.84     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 96.80%   |
| 43) trans-1,3-Dichloroprop... | 8.189  | 79    | 16563    | 4.74     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 94.80%   |
| 46) 2-Hexanone-d5             | 8.645  | 63    | 88306    | 50.69    | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 101.38%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.764 | 84    | 34916    | 5.02     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 100.40%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.201 | 152   | 46648    | 4.87     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 97.40%   |
| Target Compounds              |        |       |          |          |       |          |
|                               |        |       |          |          |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.388  | 85    | 37608    | 5.54     | ug/L  | 99       |
| 3) Chloromethane              | 1.520  | 50    | 33280    | 4.98     | ug/L  | 99       |
| 5) Vinyl chloride             | 1.607  | 62    | 35280    | 5.07     | ug/L  | 94       |
| 6) Bromomethane               | 1.861  | 94    | 21478    | 5.17     | ug/L  | 95       |
| 8) Chloroethane               | 1.938  | 64    | 25251    | 5.04     | ug/L  | 94       |
| 9) Trichlorofluoromethane     | 2.144  | 101   | 64559    | 4.98     | ug/L  | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.588  | 101   | 34445    | 4.92     | ug/L  | 91       |
| 12) 1,1-Dichloroethene        | 2.584  | 96    | 30545    | 5.19     | ug/L  | 76       |
| 13) Acetone                   | 2.649  | 43    | 87506m   | 50.41    | ug/L  |          |
| 14) Carbon disulfide          | 2.800  | 76    | 77255    | 5.15     | ug/L  | 98       |
| 15) Methyl Acetate            | 2.961  | 43    | 14647    | 4.49     | ug/L  | 90       |
| 16) Methylene chloride        | 3.054  | 84    | 35970    | 4.72     | ug/L  | 81       |
| 17) Methyl tert-butyl Ether   | 3.372  | 73    | 95625    | 4.97     | ug/L  | # 92     |
| 18) trans-1,2-Dichloroethene  | 3.362  | 96    | 31909    | 5.08     | ug/L  | 88       |
| 19) 1,1-Dichloroethane        | 3.880  | 63    | 69778    | 5.10     | ug/L  | 96       |
| 21) 2-Butanone                | 4.723  | 43    | 148368m  | 51.79    | ug/L  |          |
| 22) cis-1,2-Dichloroethene    | 4.678  | 96    | 37957    | 5.11     | ug/L  | 89       |
| 23) Bromochloromethane        | 4.983  | 128   | 16998    | 5.01     | ug/L  | # 75     |
| 25) Chloroform                | 5.099  | 83    | 73867    | 5.07     | ug/L  | 98       |

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 Data File : VU043115.D  
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 Operator : SY/MD  
 Sample : VSTDICV005  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 16 04:36:06 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR041521WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Apr 16 04:32:52 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| 27) 1,2-Dichloroethane        | 5.803  | 62   | 55963    | 5.23  | ug/L # | 92       |
| 29) 1,1,1-Trichloroethane     | 5.327  | 97   | 64608    | 5.11  | ug/L   | 92       |
| 30) Cyclohexane               | 5.398  | 56   | 56588    | 5.22  | ug/L   | 87       |
| 31) Carbon tetrachloride      | 5.533  | 117  | 55360    | 5.25  | ug/L   | 99       |
| 33) Benzene                   | 5.784  | 78   | 144168   | 5.26  | ug/L   | 100      |
| 34) Trichloroethene           | 6.552  | 95   | 38440    | 5.10  | ug/L   | 95       |
| 35) Methylcyclohexane         | 6.771  | 83   | 55205    | 5.29  | ug/L   | 92       |
| 37) 1,2-Dichloropropane       | 6.800  | 63   | 39925    | 5.18  | ug/L # | 97       |
| 38) Bromodichloromethane      | 7.115  | 83   | 53854    | 5.20  | ug/L   | 97       |
| 39) cis-1,3-Dichloropropene   | 7.616  | 75   | 60285    | 5.35  | ug/L   | 95       |
| 40) 4-Methyl-2-pentanone      | 7.803  | 43   | 360765   | 52.29 | ug/L # | 84       |
| 42) Toluene                   | 7.976  | 91   | 159963   | 5.23  | ug/L   | 98       |
| 44) trans-1,3-Dichloropropene | 8.218  | 75   | 54606    | 5.14  | ug/L   | 100      |
| 45) 1,1,2-Trichloroethane     | 8.411  | 97   | 28744    | 4.99  | ug/L   | 96       |
| 47) Tetrachloroethene         | 8.562  | 164  | 30595    | 5.12  | ug/L   | 96       |
| 48) 2-Hexanone                | 8.697  | 43   | 273998   | 53.98 | ug/L # | 83       |
| 49) Dibromochloromethane      | 8.819  | 129  | 37762    | 5.19  | ug/L   | 91       |
| 50) 1,2-Dibromoethane         | 8.931  | 107  | 29700    | 5.18  | ug/L # | 97       |
| 51) Chlorobenzene             | 9.456  | 112  | 102325   | 5.24  | ug/L   | 94       |
| 52) Ethylbenzene              | 9.578  | 91   | 185715   | 5.30  | ug/L   | 97       |
| 53) m,p-Xylene                | 9.700  | 106  | 68892    | 5.37  | ug/L   | 89       |
| 54) o-Xylene                  | 10.108 | 106  | 65664    | 5.17  | ug/L   | 88       |
| 55) Styrene                   | 10.121 | 104  | 113315   | 5.21  | ug/L   | 92       |
| 57) 1,1,2,2-Tetrachloroethane | 10.790 | 83   | 39418    | 5.20  | ug/L   | 99       |
| 59) Bromoform                 | 10.298 | 173  | 23160    | 5.07  | ug/L   | 97       |
| 60) Isopropylbenzene          | 10.491 | 105  | 186772   | 5.21  | ug/L # | 97       |
| 61) 1,2,3-Trichloropropane    | 10.832 | 75   | 28437    | 4.93  | ug/L   | 99       |
| 62) 1,3,5-Trimethylbenzene    | 11.095 | 105  | 157453   | 5.37  | ug/L   | 96       |
| 63) 1,2,4-Trimethylbenzene    | 11.475 | 105  | 162606   | 5.39  | ug/L   | 95       |
| 64) 1,3-Dichlorobenzene       | 11.754 | 146  | 87710    | 5.15  | ug/L   | 99       |
| 65) 1,4-Dichlorobenzene       | 11.844 | 146  | 89899    | 5.21  | ug/L   | 99       |
| 67) 1,2-Dichlorobenzene       | 12.221 | 146  | 84029    | 5.08  | ug/L   | 95       |
| 68) 1,2-Dibromo-3-chloropr... | 13.005 | 75   | 7404     | 5.27  | ug/L   | 93       |
| 69) 1,3,5-Trichlorobenzene    | 13.227 | 180  | 71766    | 5.14  | ug/L   | 97       |
| 70) 1,2,4-trichlorobenzene    | 13.848 | 180  | 62545    | 5.41  | ug/L   | 99       |
| 71) Naphthalene               | 14.095 | 128  | 110048   | 5.64  | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 14.340 | 180  | 58071    | 5.48  | ug/L   | 99       |
| -----                         |        |      |          |       |        |          |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VSTDICV005  
Misc : 25.0mL/MSVOA\_U/WATER  
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