Quantitation Report (Qedit)

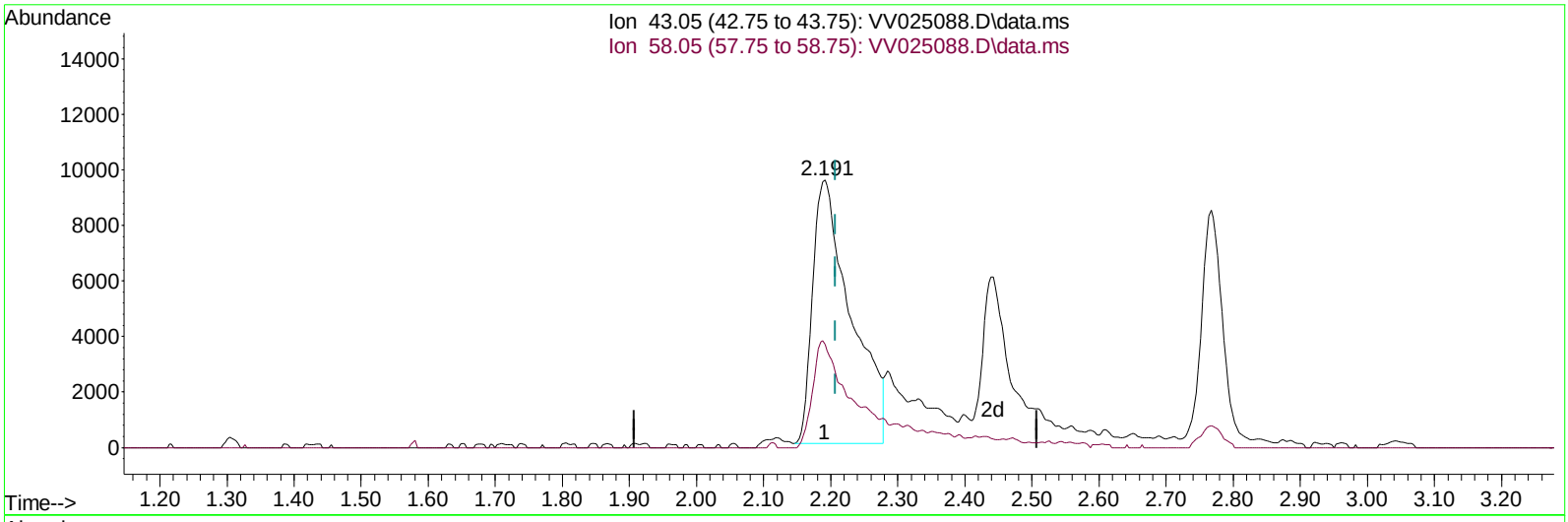
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031822\
Data File : VV025088.D
Acq On : 18 Mar 2022 10:19
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

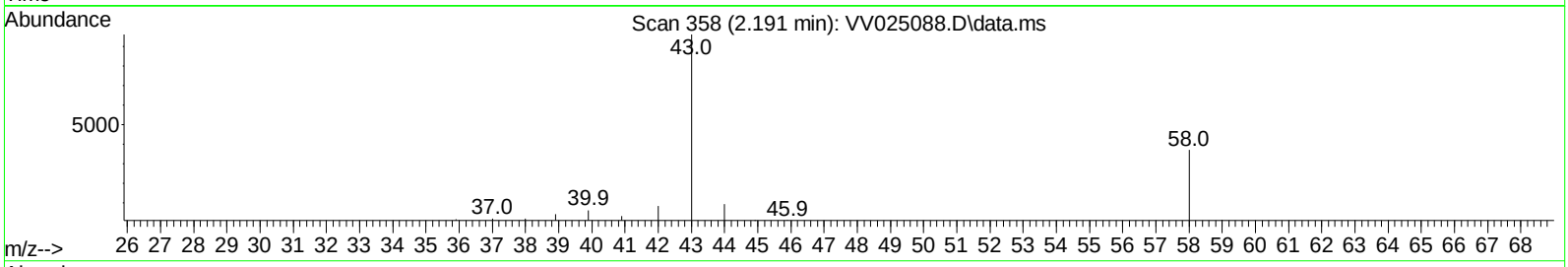
Quant Time: Mar 19 00:47:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Mar 18 02:20:05 2022
Response via : Initial Calibration

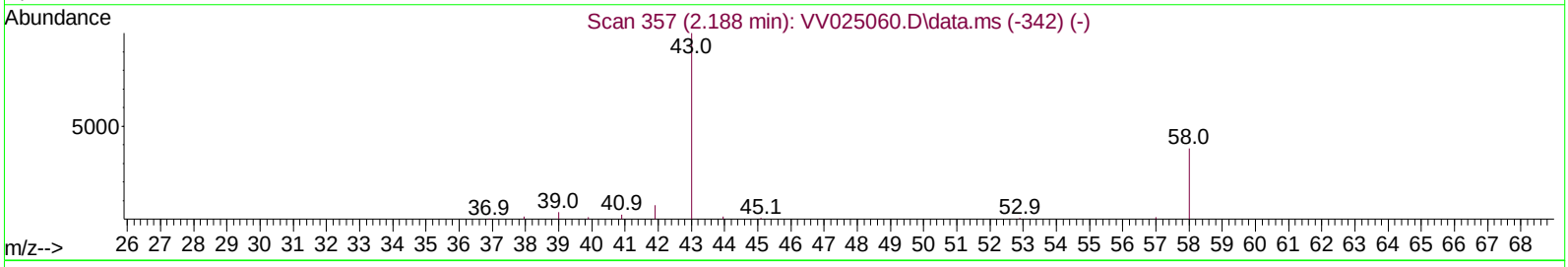
**Instrument :**
MSVOA_V
**LabSampleId :**
VSTDCCC005

**Manual IntegrationsAPPROVED**

Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022




TIC: VV025088.D\data.ms

**(13) Acetone (T)**

**2.191min (-0.016) 41.01 ug/L**

**response 37605**

| Ion | Exp% | Act% |
|---|---|---|
| 43.05 | 100.00 | 100.00 |
| 58.05 | 27.10 | 40.46 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

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**Instrument :**
MSVOA_V
**LabSampleId :**
VSTDCCC005

**Manual IntegrationsAPPROVED**

Reviewed By :John Carlone 03/28/2022
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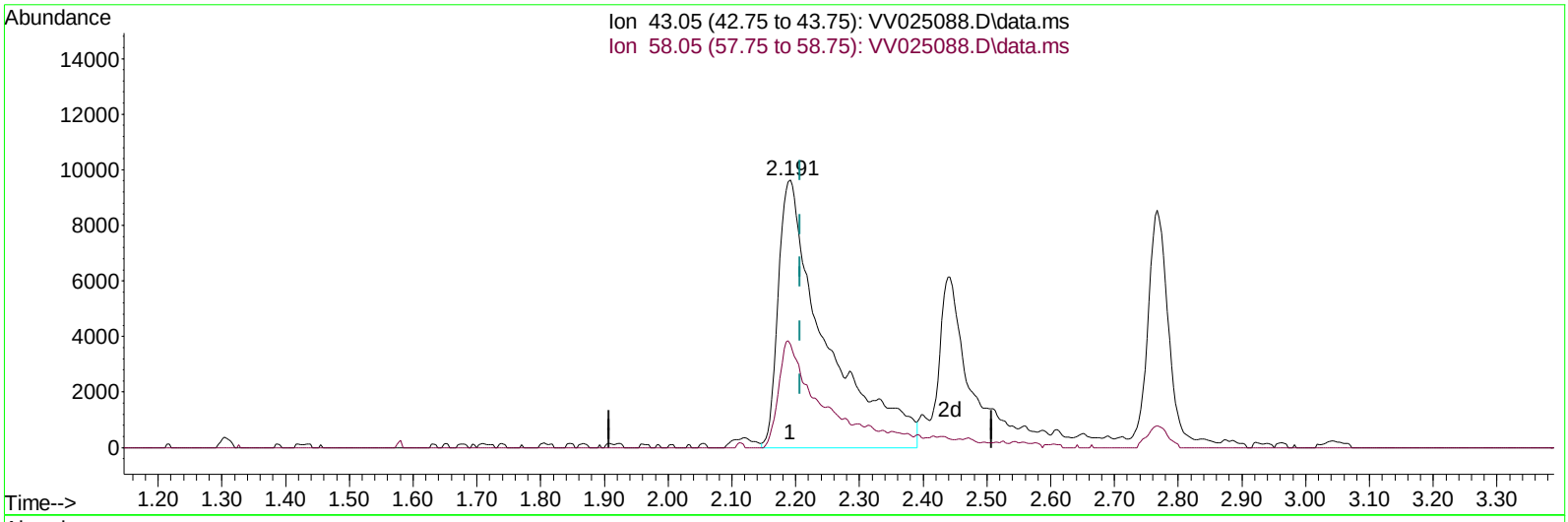


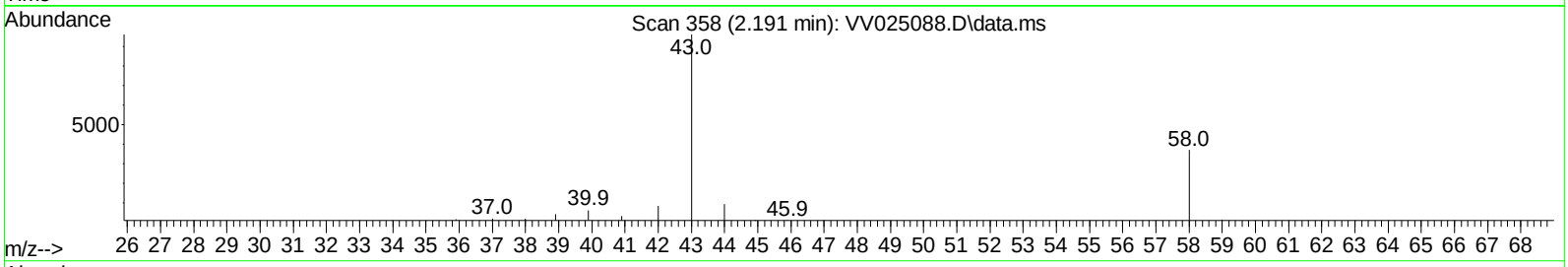


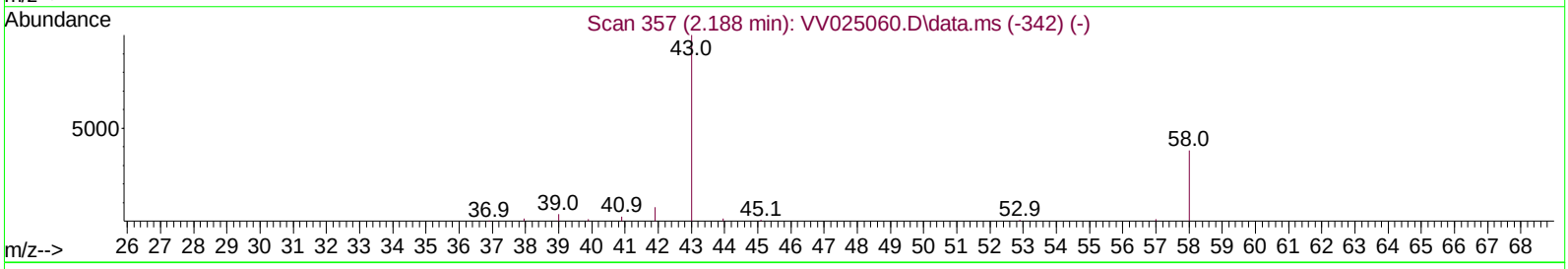


TIC: VV025088.D\data.ms

**(13) Acetone (T)**

**2.191min (-0.016) 54.32 ug/L m**

**response 49806**

| Ion | Exp% | Act% |
|---|---|---|
| 43.05 | 100.00 | 100.00 |
| 58.05 | 27.10 | 30.55 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

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QLast Update : Fri Mar 18 02:20:05 2022
Response via : Initial Calibration

**Instrument :**
MSVOA_V
**LabSampleId :**
VSTDCCC005

**Manual IntegrationsAPPROVED**

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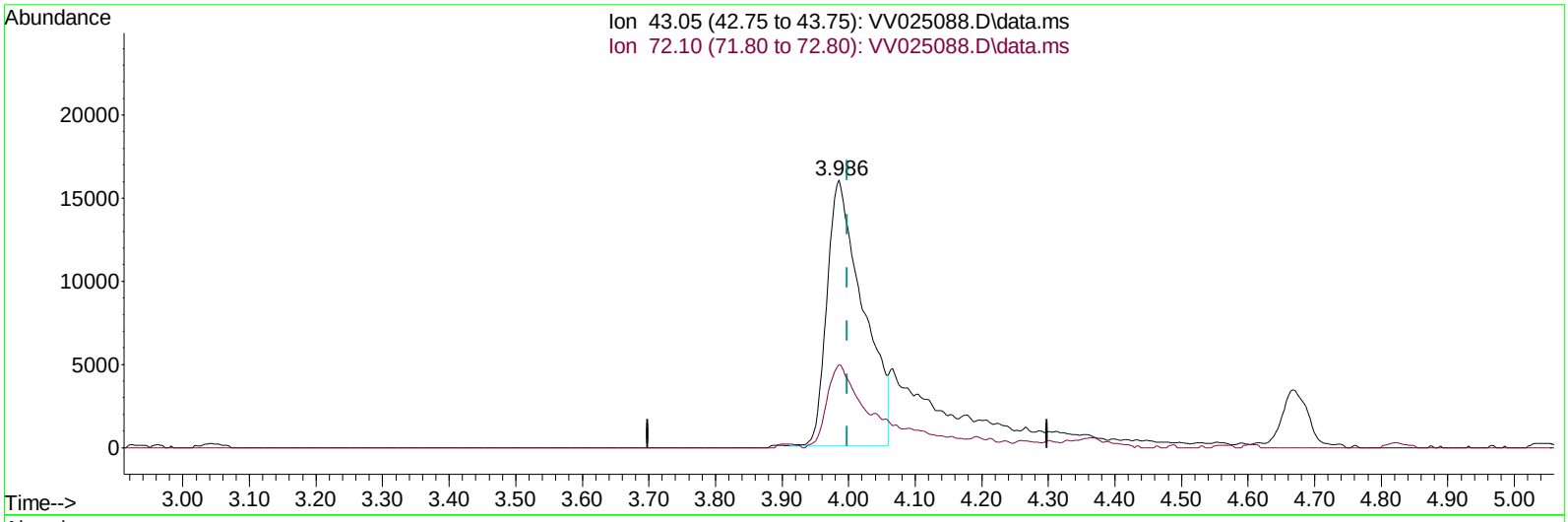


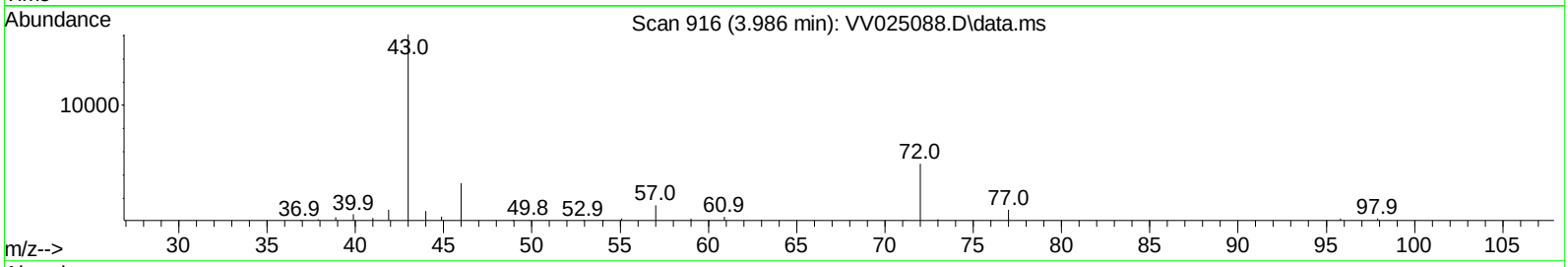


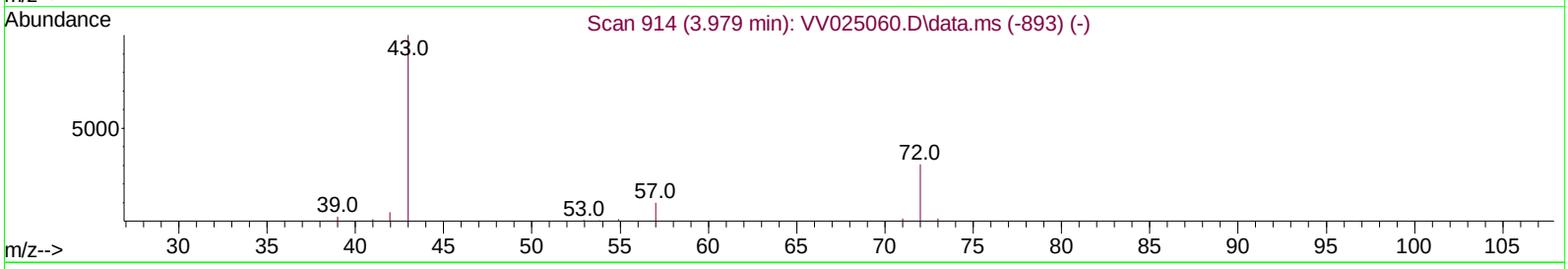


TIC: VV025088.D\data.ms

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

**3.986min (-0.013) 41.35 ug/L**

**response 59837**

| Ion | Exp% | Act% |
|---|---|---|
| 43.05 | 100.00 | 100.00 |
| 72.10 | 20.80 | 26.75 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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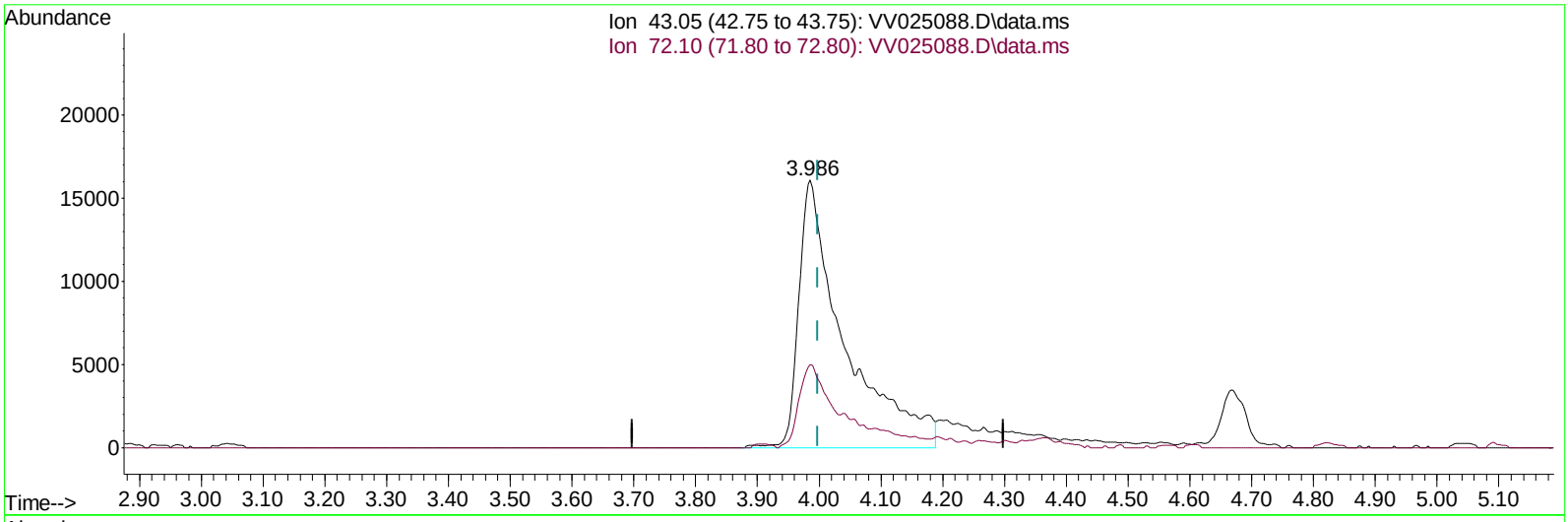
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

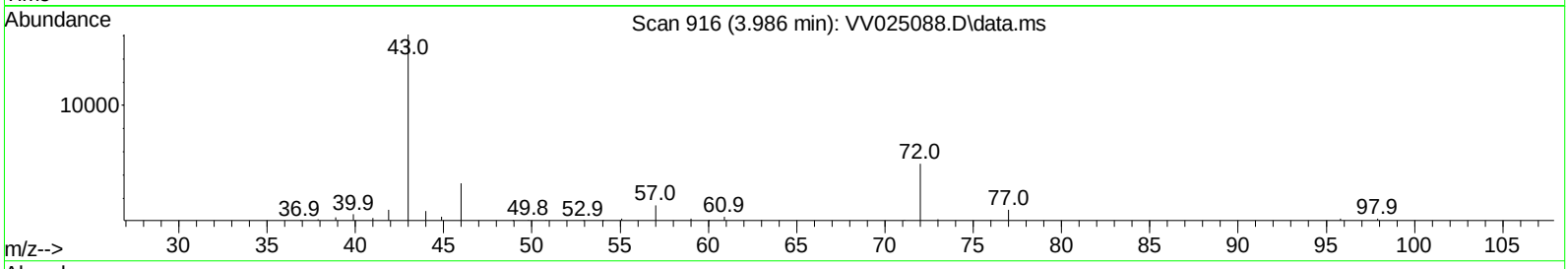
Quant Time: Mar 19 00:47:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Mar 18 02:20:05 2022
Response via : Initial Calibration

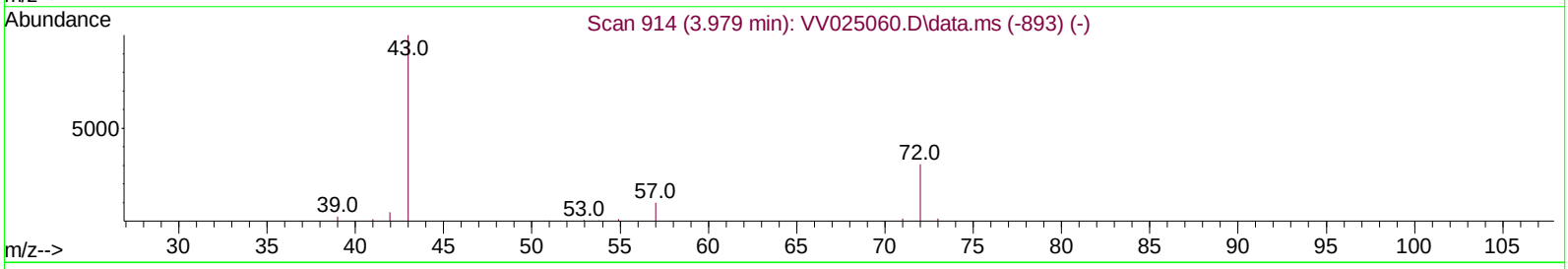
**Instrument :**
MSVOA_V
**LabSampleId :**
VSTDCCC005

**Manual IntegrationsAPPROVED**

Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022




TIC: VV025088.D\data.ms

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

**3.986min (-0.013) 56.75 ug/L m**

**response 82122**

| Ion | Exp% | Act% |
|---|---|---|
| 43.05 | 100.00 | 100.00 |
| 72.10 | 20.80 | 19.49 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031822\
Data File : VV025088.D
Acq On : 18 Mar 2022 10:19
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 19 00:47:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Mar 18 02:20:05 2022
Response via : Initial Calibration

**Instrument :**
MSVOA_V
**LabSampleId :**
VSTDCCC005

**Manual IntegrationsAPPROVED**

Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.613 | 114 | 143688 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.850 | 117 | 135598 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.246 | 152 | 66508 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.304 | 65 | 55928 | 4.930 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 98.600% | | | |
| 7) Chloroethane-d5 | 1.564 | 69 | 42095 | 5.067 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 101.400% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.105 | 63 | 93191 | 5.083 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 101.600% | | | |
| 20) 2-Butanone-d5 | 3.905 | 46 | 63723 | 46.481 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 92.960% | | | |
| 24) Chloroform-d | 4.346 | 84 | 94676 | 5.032 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 100.600% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.031 | 65 | 38918 | 4.948 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 99.000% | | | |
| 32) Benzene-d6 | 5.047 | 84 | 192927 | 4.905 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 98.000% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.066 | 67 | 54925 | 4.856 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 97.200% | | | |
| 41) Toluene-d8 | 7.313 | 98 | 175056 | 4.883 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 97.600% | | | |
| 43) trans-1,3-Dichloroprop... | 7.622 | 79 | 18627 | 4.724 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 94.400% | | | |
| 46) 2-Hexanone-d5 | 8.088 | 63 | 63703 | 47.363 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 94.720% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84 | 32905 | 4.945 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 98.800% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.622 | 152 | 54091 | 4.804 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 96.000% | | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.130 | 85 | 68991 | 5.434 | ug/L | 98 |
| 3) Chloromethane | 1.240 | 50 | 60189 | 5.027 | ug/L | 99 |
| 5) Vinyl chloride | 1.307 | 62 | 67222 | 5.321 | ug/L | 98 |
| 6) Bromomethane | 1.519 | 94 | 42880 | 5.252 | ug/L | 97 |
| 8) Chloroethane | 1.584 | 64 | 41971 | 5.479 | ug/L | 98 |
| 9) Trichlorofluoromethane | 1.751 | 101 | 96059 | 5.591 | ug/L | 99 |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.114 | 101 | 53277 | 5.718 | ug/L | 99 |
| 12) 1,1-Dichloroethene | 2.114 | 96 | 50210 | 5.485 | ug/L | 96 |
| 13) Acetone | 2.191 | 43 | 49806m | 54.320 | ug/L | |
| 14) Carbon disulfide | 2.291 | 76 | 172107 | 5.255 | ug/L | 100 |
| 15) Methyl Acetate | 2.442 | 43 | 14407 | 5.735 | ug/L # | 88 |
| 16) Methylene chloride | 2.503 | 84 | 60496 | 5.454 | ug/L | 99 |
| 17) Methyl tert-butyl Ether | 2.767 | 73 | 109078 | 5.471 | ug/L | 99 |
| 18) trans-1,2-Dichloroethene | 2.757 | 96 | 60550 | 5.497 | ug/L | 98 |
| 19) 1,1-Dichloroethane | 3.185 | 63 | 104610 | 5.580 | ug/L | 99 |
| 21) 2-Butanone | 3.986 | 43 | 82122m | 56.748 | ug/L | |
| 22) cis-1,2-Dichloroethene | 3.908 | 96 | 61298 | 5.512 | ug/L | 98 |
| 23) Bromochloromethane | 4.246 | 128 | 25030 | 5.708 | ug/L | 97 |

Quantitation Report (QT Reviewed)

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Mar 18 02:20:05 2022
Response via : Initial Calibration

**Instrument :**
MSVOA_V
**LabSampleId :**
VSTDCCC005

**Manual IntegrationsAPPROVED**

Reviewed By :John Carlone 03/28/2022
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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 25) Chloroform | 4.371 | 83 | 109276 | 5.598 | ug/L | 100 |
| 27) 1,2-Dichloroethane | 5.127 | 62 | 53229 | 5.484 | ug/L | 96 |
| 29) 1,1,1-Trichloroethane | 4.603 | 97 | 95693 | 5.534 | ug/L | 99 |
| 30) Cyclohexane | 4.670 | 56 | 87791 | 5.218 | ug/L | 98 |
| 31) Carbon tetrachloride | 4.825 | 117 | 82434 | 5.556 | ug/L | 99 |
| 33) Benzene | 5.095 | 78 | 238962 | 5.418 | ug/L | 100 |
| 34) Trichloroethene | 5.912 | 95 | 65400 | 5.569 | ug/L | 99 |
| 35) Methylcyclohexane | 6.124 | 83 | 100377 | 5.400 | ug/L | 99 |
| 37) 1,2-Dichloropropane | 6.169 | 63 | 56459 | 5.570 | ug/L | 100 |
| 38) Bromodichloromethane | 6.506 | 83 | 69988 | 5.460 | ug/L | 99 |
| 39) cis-1,3-Dichloropropene | 7.024 | 75 | 76040 | 5.403 | ug/L | 99 |
| 40) 4-Methyl-2-pentanone | 7.223 | 43 | 229288 | 54.978 | ug/L | 97 |
| 42) Toluene | 7.384 | 91 | 258149 | 5.593 | ug/L | 99 |
| 44) trans-1,3-Dichloropropene | 7.648 | 75 | 58983 | 5.327 | ug/L | 98 |
| 45) 1,1,2-Trichloroethane | 7.838 | 97 | 37997 | 5.613 | ug/L | 99 |
| 47) Tetrachloroethene | 7.973 | 164 | 45712 | 5.533 | ug/L | 99 |
| 48) 2-Hexanone | 8.137 | 43 | 160616 | 54.323 | ug/L | 99 |
| 49) Dibromochloromethane | 8.243 | 129 | 42110 | 5.557 | ug/L | 100 |
| 50) 1,2-Dibromoethane | 8.352 | 107 | 34517 | 5.571 | ug/L | 99 |
| 51) Chlorobenzene | 8.879 | 112 | 160586 | 5.556 | ug/L | 99 |
| 52) Ethylbenzene | 9.011 | 91 | 270463 | 5.539 | ug/L | 99 |
| 53) m,p-xylene | 9.136 | 106 | 106057 | 5.640 | ug/L | 98 |
| 54) o-xylene | 9.542 | 106 | 101152 | 5.625 | ug/L | 98 |
| 55) Styrene | 9.558 | 104 | 170673 | 5.828 | ug/L | 98 |
| 57) 1,1,2,2-Tetrachloroethane | 10.239 | 83 | 38057 | 5.734 | ug/L | 99 |
| 59) Bromoform | 9.731 | 173 | 18596 | 5.191 | ug/L | 98 |
| 60) Isopropylbenzene | 9.927 | 105 | 272901 | 5.441 | ug/L | 99 |
| 61) 1,2,3-Trichloropropane | 10.272 | 75 | 29613 | 5.294 | ug/L | 97 |
| 62) 1,3,5-Trimethylbenzene | 10.535 | 105 | 119620 | 5.256 | ug/L | 99 |
| 63) 1,2,4-Trimethylbenzene | 10.911 | 105 | 220689 | 5.475 | ug/L | 100 |
| 64) 1,3-Dichlorobenzene | 11.178 | 146 | 119020 | 5.470 | ug/L | 96 |
| 65) 1,4-Dichlorobenzene | 11.271 | 146 | 117609 | 5.362 | ug/L | 97 |
| 67) 1,2-Dichlorobenzene | 11.641 | 146 | 105219 | 5.458 | ug/L | 97 |
| 68) 1,2-Dibromo-3-chloropr... | 12.426 | 75 | 5201 | 5.424 | ug/L | 98 |
| 69) 1,3,5-Trichlorobenzene | 12.641 | 180 | 84971 | 5.529 | ug/L | 100 |
| 70) 1,2,4-trichlorobenzene | 13.259 | 180 | 64672 | 5.401 | ug/L | 99 |
| 71) Naphthalene | 13.500 | 128 | 111464 | 5.606 | ug/L | 100 |
| 72) 1,2,3-Trichlorobenzene | 13.741 | 180 | 56877 | 5.606 | ug/L | 99 |

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

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**LabSampleId :**
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