Quantitation Report (Qedit)

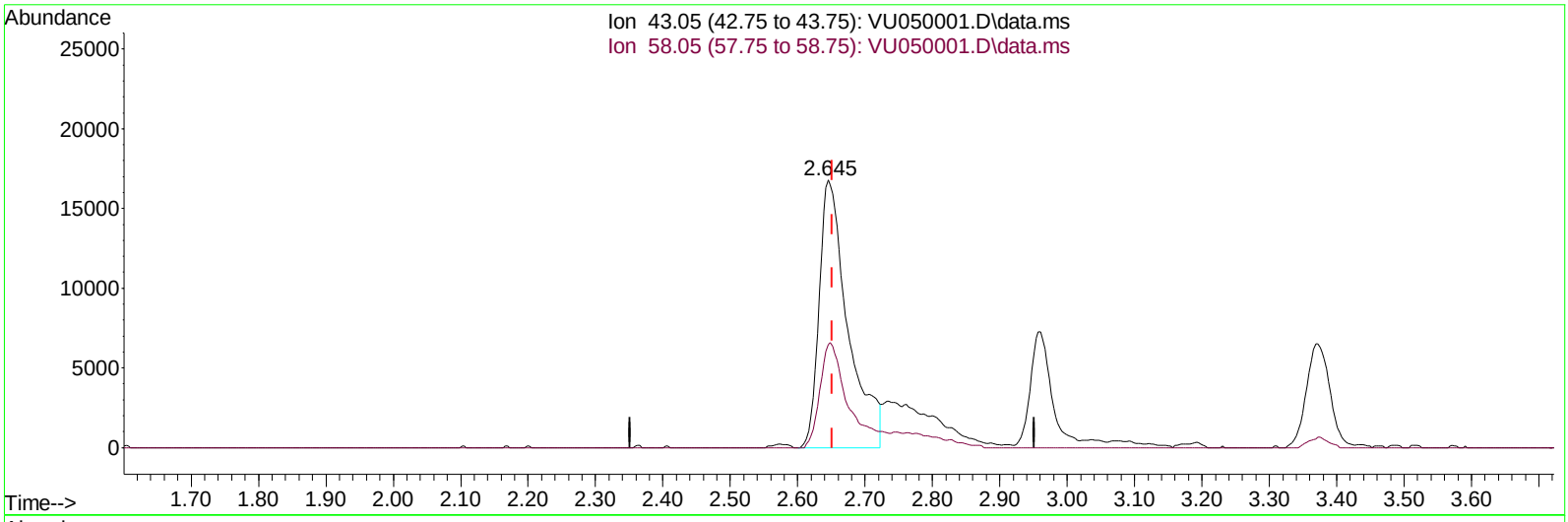
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072822\
Data File : VU050001.D
Acq On : 28 Jul 2022 21:43
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

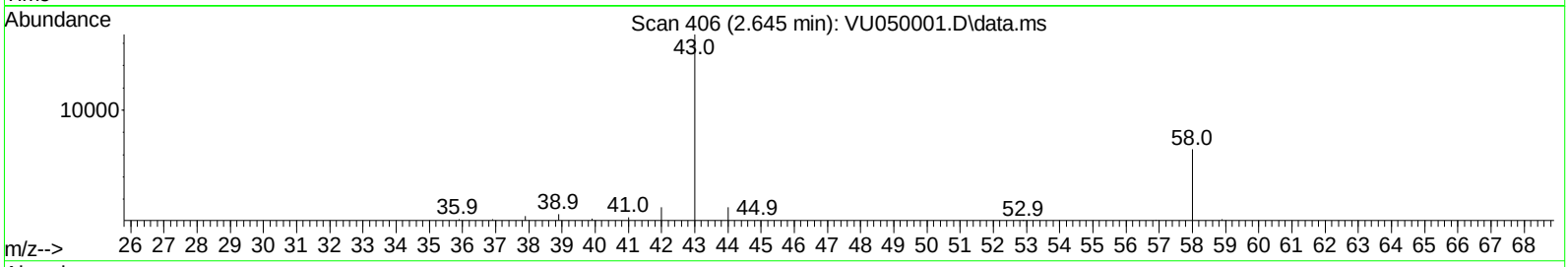
Quant Time: Jul 29 02:40:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jul 29 02:27:55 2022
Response via : Initial Calibration

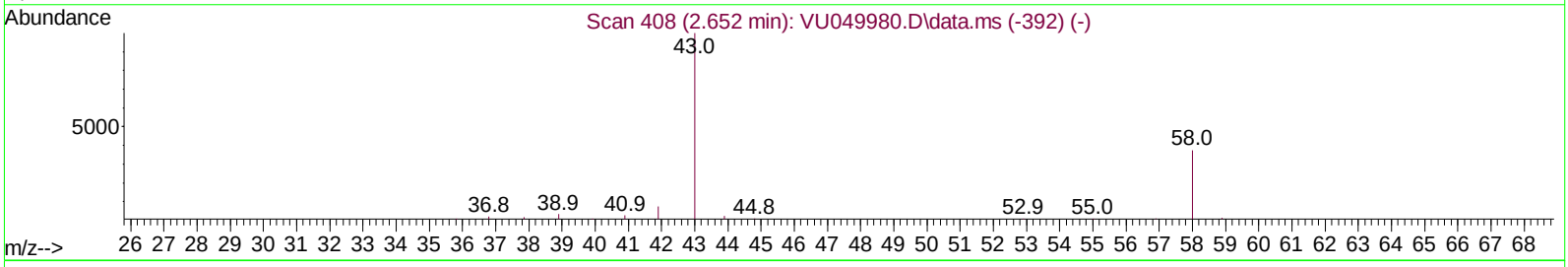
**Instrument :**
MSVOA_U
**LabSampleId :**
VSTDCCC005

**Manual IntegrationsAPPROVED**

Reviewed By :John Carlone 07/29/2022
Supervised By :Semsettin Yesilyurt 08/01/2022




TIC: VU050001.D\data.ms

**(13) Acetone (T)**

**2.645min (-0.006) 38.01 ug/L**

**response 49840**

| Ion | Exp% | Act% |
|---|---|---|
| 43.05 | 100.00 | 100.00 |
| 58.05 | 36.50 | 39.22 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

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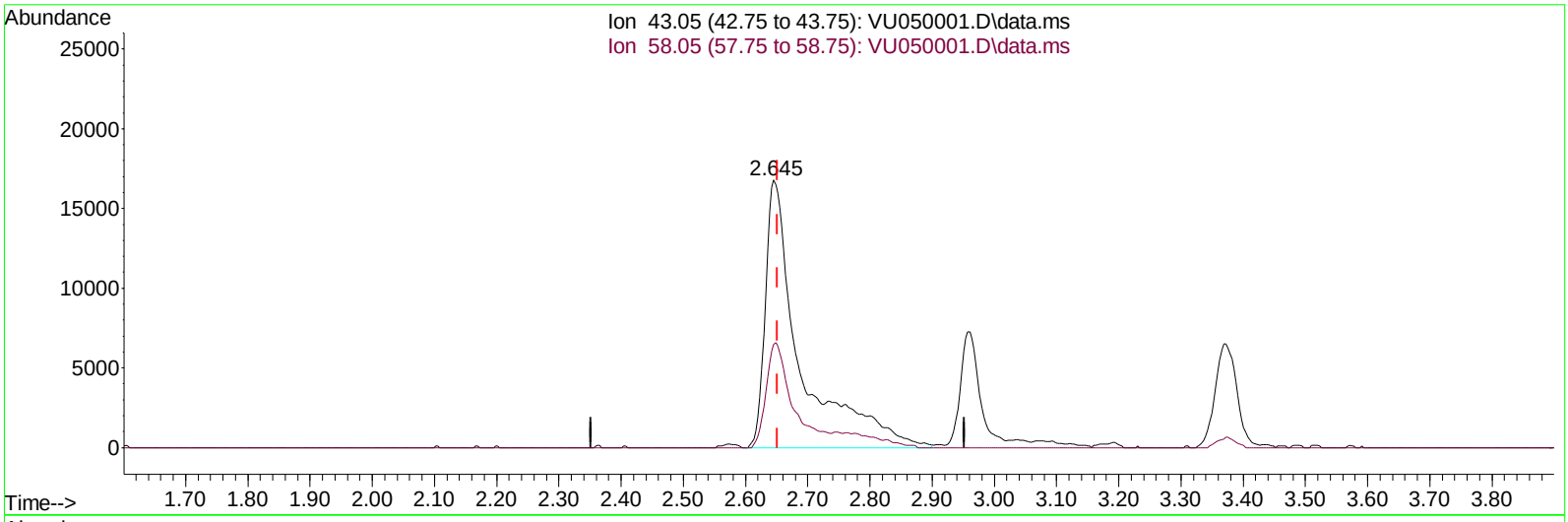


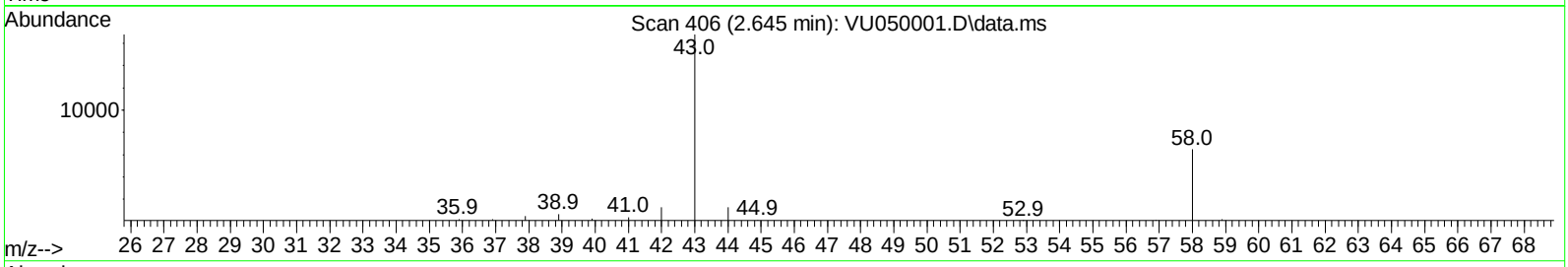


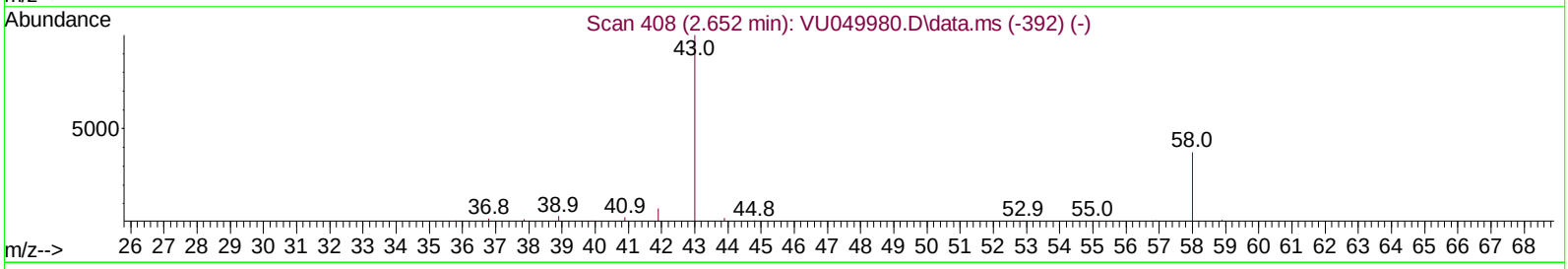


TIC: VU050001.D\data.ms

**(13) Acetone (T)**

**2.645min (-0.006) 50.45 ug/L m**

**response 66155**

| Ion | Exp% | Act% |
|---|---|---|
| 43.05 | 100.00 | 100.00 |
| 58.05 | 36.50 | 29.55 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072822\
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ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jul 29 02:40:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jul 29 02:27:55 2022
Response via : Initial Calibration

**Instrument :**
MSVOA_U
**LabSampleId :**
VSTDCCC005

**Manual IntegrationsAPPROVED**

Reviewed By :John Carlone 07/29/2022
Supervised By :Semsettin Yesilyurt 08/01/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.250 | 114 | 97603 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.417 | 117 | 95658 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.812 | 152 | 46251 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.597 | 65 | 38343 | 4.575 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 91.600% | | | |
| 7) Chloroethane-d5 | 1.912 | 69 | 30843 | 5.124 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 102.400% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.562 | 65 | 15019 | 5.200 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 104.000% | | | |
| 20) 2-Butanone-d5 | 4.655 | 46 | 107364 | 57.553 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 115.100% | | | |
| 24) Chloroform-d | 5.063 | 84 | 72052 | 5.196 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 104.000% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.706 | 65 | 36410 | 5.211 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 104.200% | | | |
| 32) Benzene-d6 | 5.726 | 84 | 142604 | 5.045 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 100.800% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.690 | 67 | 47026 | 5.078 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 101.600% | | | |
| 41) Toluene-d8 | 7.896 | 98 | 129427 | 5.151 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 103.000% | | | |
| 43) trans-1,3-Dichloroprop... | 8.182 | 79 | 16174 | 4.983 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 99.600% | | | |
| 46) 2-Hexanone-d5 | 8.642 | 63 | 65627 | 54.016 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 108.040% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758 | 84 | 42030 | 5.402 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 108.000% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.195 | 152 | 43302 | 5.048 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 101.000% | | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.385 | 85 | 34824 | 4.623 | ug/L | 100 |
| 3) Chloromethane | 1.520 | 50 | 43819 | 4.909 | ug/L | 96 |
| 5) Vinyl chloride | 1.600 | 62 | 41642 | 4.964 | ug/L | 98 |
| 6) Bromomethane | 1.858 | 94 | 23616 | 5.086 | ug/L | 98 |
| 8) Chloroethane | 1.932 | 64 | 26291 | 5.527 | ug/L | 97 |
| 9) Trichlorofluoromethane | 2.134 | 101 | 48699 | 4.928 | ug/L | 99 |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.575 | 101 | 26586 | 4.570 | ug/L | 98 |
| 12) 1,1-Dichloroethene | 2.575 | 96 | 27246 | 5.058 | ug/L | 89 |
| 13) Acetone | 2.645 | 43 | 66155m | 50.453 | ug/L | |
| 14) Carbon disulfide | 2.787 | 76 | 74115 | 4.529 | ug/L | 99 |
| 15) Methyl Acetate | 2.957 | 43 | 14884 | 5.471 | ug/L | 99 |
| 16) Methylene chloride | 3.041 | 84 | 45786 | 5.528 | ug/L | 95 |
| 17) Methyl tert-butyl Ether | 3.372 | 73 | 89804 | 5.964 | ug/L | 99 |
| 18) trans-1,2-Dichloroethene | 3.343 | 96 | 30213 | 5.103 | ug/L | 95 |
| 19) 1,1-Dichloroethane | 3.864 | 63 | 64134 | 5.280 | ug/L | 95 |
| 21) 2-Butanone | 4.732 | 43 | 103987 | 55.062 | ug/L | 91 |
| 22) cis-1,2-Dichloroethene | 4.665 | 96 | 37185 | 5.254 | ug/L | 99 |
| 23) Bromochloromethane | 4.973 | 128 | 17236 | 5.318 | ug/L | 94 |

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jul 29 02:27:55 2022
Response via : Initial Calibration

**Instrument :**
MSVOA_U
**LabSampleId :**
VSTDCCC005

**Manual IntegrationsAPPROVED**

Reviewed By :John Carlone 07/29/2022
Supervised By :Semsettin Yesilyurt 08/01/2022

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 25) Chloroform | 5.089 | 83 | 67445 | 4.955 | ug/L | | 97 |
| 27) 1,2-Dichloroethane | 5.796 | 62 | 39769 | 5.235 | ug/L | | 99 |
| 29) 1,1,1-Trichloroethane | 5.311 | 97 | 52438 | 5.162 | ug/L | | 99 |
| 30) Cyclohexane | 5.382 | 56 | 39005 | 4.549 | ug/L | | 99 |
| 31) Carbon tetrachloride | 5.520 | 117 | 41012 | 4.970 | ug/L | | 99 |
| 33) Benzene | 5.771 | 78 | 143945 | 5.156 | ug/L | | 100 |
| 34) Trichloroethene | 6.539 | 95 | 33801 | 4.981 | ug/L | | 100 |
| 35) Methylcyclohexane | 6.761 | 83 | 38471 | 4.298 | ug/L | | 99 |
| 37) 1,2-Dichloropropane | 6.793 | 63 | 40593 | 5.276 | ug/L | | 99 |
| 38) Bromodichloromethane | 7.105 | 83 | 49567 | 5.324 | ug/L | | 99 |
| 39) cis-1,3-Dichloropropene | 7.607 | 75 | 46713 | 4.692 | ug/L | | 98 |
| 40) 4-Methyl-2-pentanone | 7.799 | 43 | 240462 | 54.088 | ug/L | | 99 |
| 42) Toluene | 7.970 | 91 | 149870 | 5.279 | ug/L | | 98 |
| 44) trans-1,3-Dichloropropene | 8.211 | 75 | 40647 | 4.861 | ug/L | | 95 |
| 45) 1,1,2-Trichloroethane | 8.401 | 97 | 30504 | 5.306 | ug/L | | 99 |
| 47) Tetrachloroethene | 8.552 | 164 | 23596 | 4.831 | ug/L | | 95 |
| 48) 2-Hexanone | 8.690 | 43 | 190392 | 56.180 | ug/L | | 97 |
| 49) Dibromochloromethane | 8.812 | 129 | 33033 | 5.251 | ug/L | | 99 |
| 50) 1,2-Dibromoethane | 8.925 | 107 | 27795 | 5.445 | ug/L | | 95 |
| 51) Chlorobenzene | 9.446 | 112 | 93046 | 5.163 | ug/L | | 99 |
| 52) Ethylbenzene | 9.571 | 91 | 139219 | 5.006 | ug/L | | 100 |
| 53) m,p-Xylene | 9.693 | 106 | 53612 | 5.063 | ug/L | | 98 |
| 54) o-Xylene | 10.102 | 106 | 54230 | 5.282 | ug/L | | 96 |
| 55) Styrene | 10.115 | 104 | 93422 | 5.342 | ug/L | | 100 |
| 57) 1,1,2,2-Tetrachloroethane | 10.783 | 83 | 40202 | 5.372 | ug/L | | 99 |
| 59) Bromoform | 10.291 | 173 | 19183 | 5.160 | ug/L | | 99 |
| 60) Isopropylbenzene | 10.484 | 105 | 131463 | 4.811 | ug/L | | 99 |
| 61) 1,2,3-Trichloropropane | 10.825 | 75 | 28206 | 5.251 | ug/L | | 97 |
| 62) 1,3,5-Trimethylbenzene | 11.089 | 105 | 104661 | 4.715 | ug/L | | 100 |
| 63) 1,2,4-Trimethylbenzene | 11.468 | 105 | 103360 | 4.805 | ug/L | | 99 |
| 64) 1,3-Dichlorobenzene | 11.745 | 146 | 64827 | 4.955 | ug/L | | 99 |
| 65) 1,4-Dichlorobenzene | 11.835 | 146 | 63902 | 4.936 | ug/L | | 97 |
| 67) 1,2-Dichlorobenzene | 12.214 | 146 | 65522 | 5.041 | ug/L | | 99 |
| 68) 1,2-Dibromo-3-chloropr... | 12.995 | 75 | 5562 | 5.242 | ug/L | # | 83 |
| 69) 1,3,5-Trichlorobenzene | 13.220 | 180 | 44299 | 4.696 | ug/L | | 99 |
| 70) 1,2,4-trichlorobenzene | 13.841 | 180 | 34114 | 4.534 | ug/L | | 99 |
| 71) Naphthalene | 14.089 | 128 | 63565 | 4.261 | ug/L | | 99 |
| 72) 1,2,3-Trichlorobenzene | 14.330 | 180 | 34846 | 4.666 | ug/L | | 99 |

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

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