Quantitation Report (Qedit)

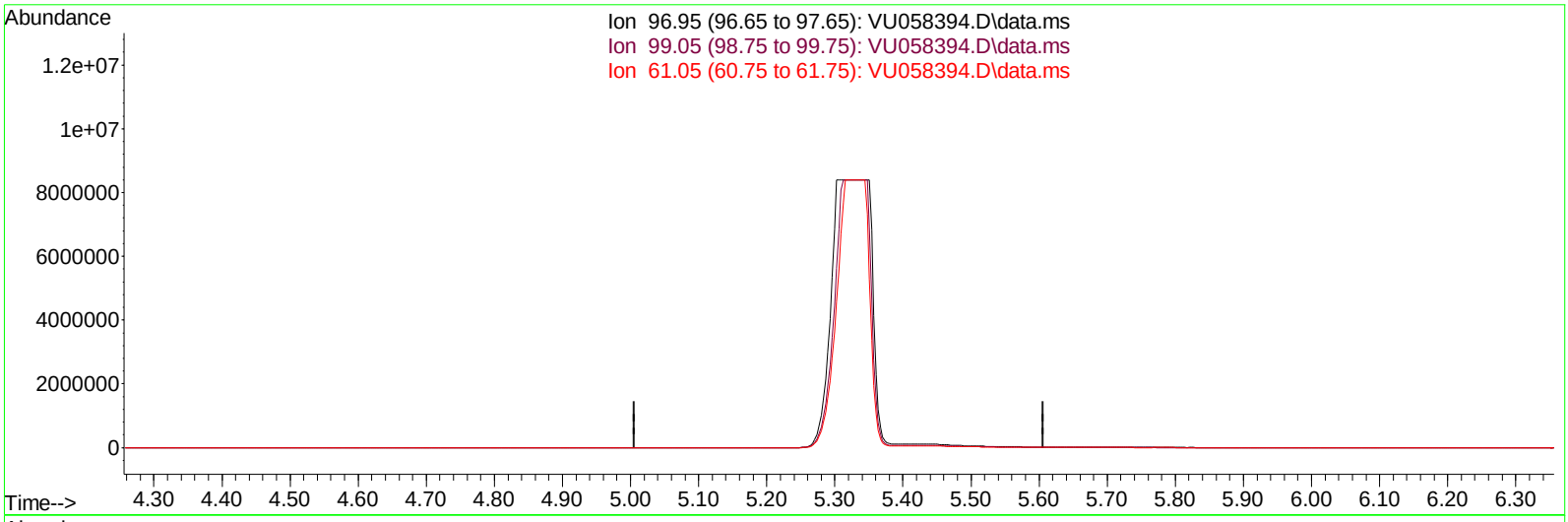
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040424\
Data File : VU058394.D
Acq On : 05 Apr 2024 02:42
Operator : MD/SY
Sample : P1970-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

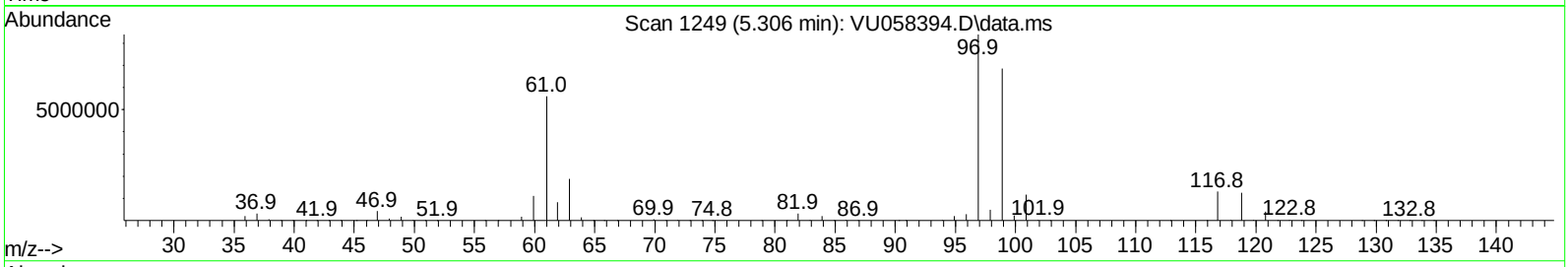
Quant Time: Apr 05 05:16:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 05 00:02:56 2024
Response via : Initial Calibration

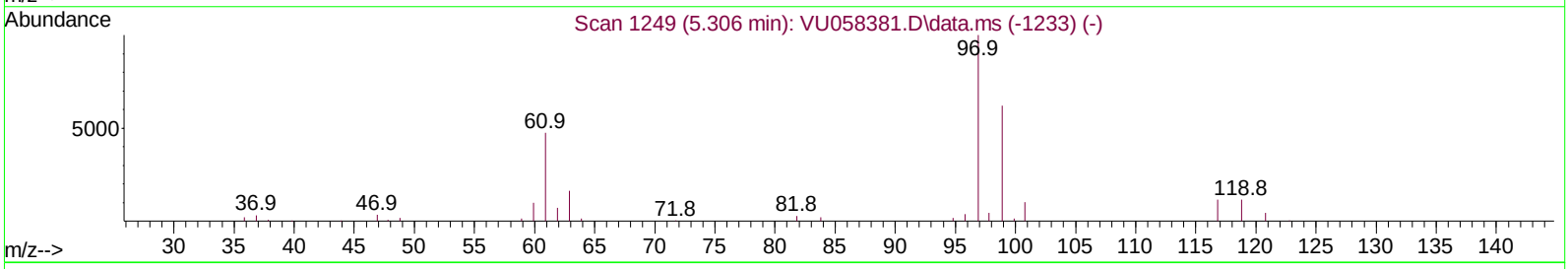
**Instrument :**
MSVOA_U
**ClientSampleId :**
C0AJ8

**Manual IntegrationsAPPROVED**

Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024




TIC: VU058394.D\data.ms

**(29) 1,1,1-Trichloroethane (T)**

**5.306min (-5.306) 0.00 ug/L**

**response 0**

| Ion | Exp% | Act% |
|---|---|---|
| 96.95 | 100.00 | 0.00 |
| 99.05 | 63.00 | 0.00# |
| 61.05 | 49.20 | 0.00# |
| 0.00 | 0.00 | 0.00 |

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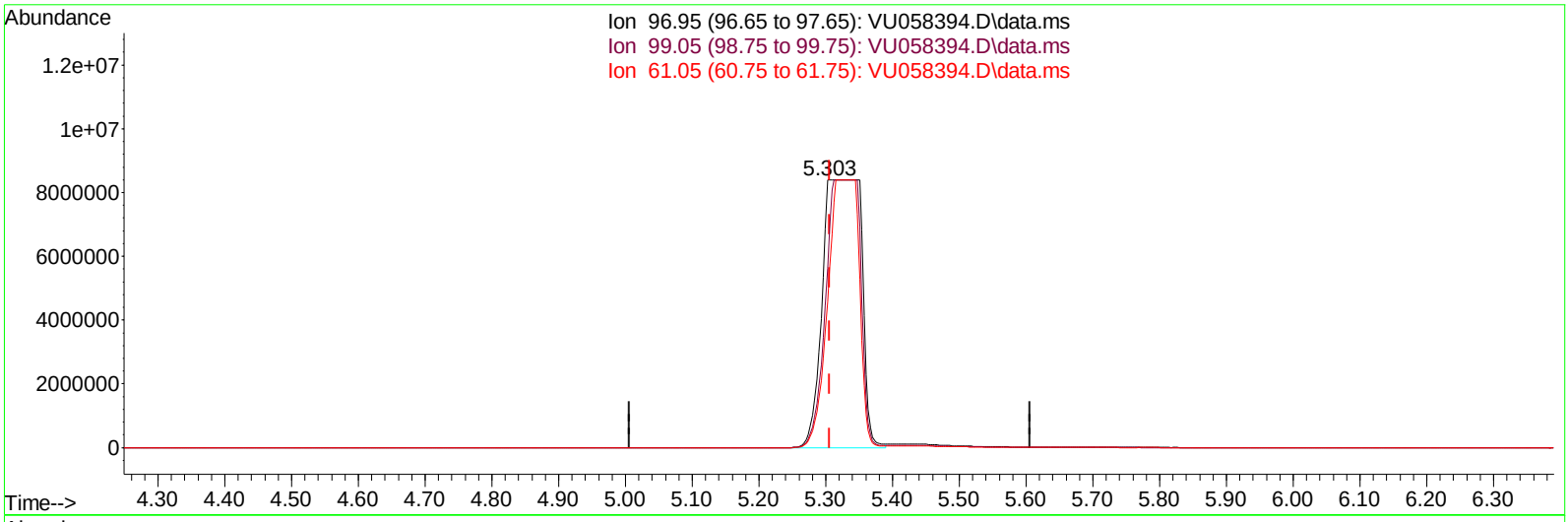


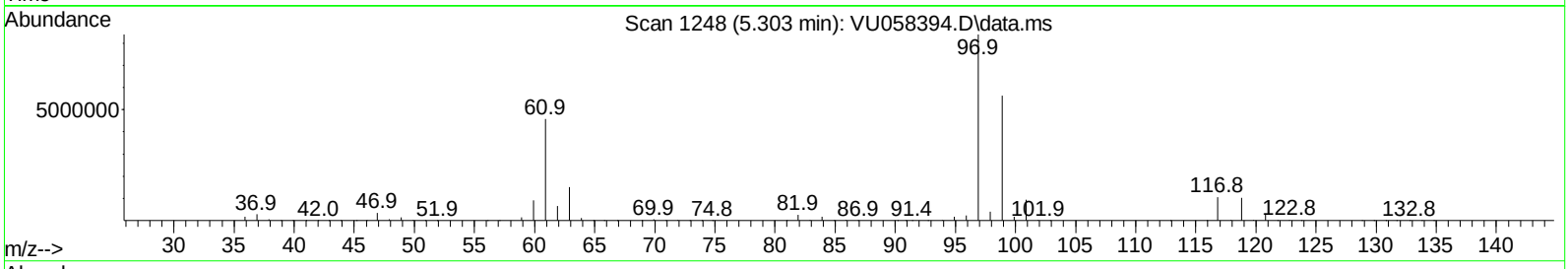


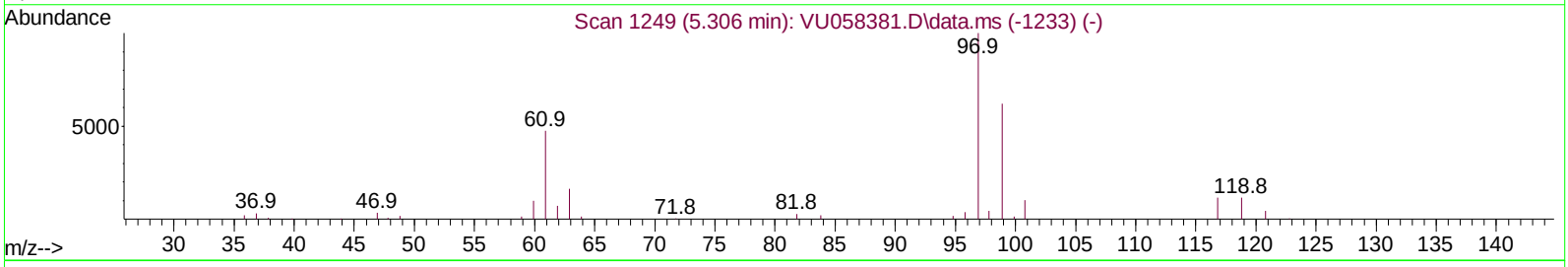


TIC: VU058394.D\data.ms

**(29) 1,1,1-Trichloroethane (T)**

**5.303min (-0.003) 3128.19 ug/L m**

**response 33949304**

| Ion | Exp% | Act% |
|---|---|---|
| 96.95 | 100.00 | 100.00 |
| 99.05 | 63.00 | 0.00# |
| 61.05 | 49.20 | 0.00# |
| 0.00 | 0.00 | 0.00 |

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**Instrument :**
MSVOA_U
**ClientSampleId :**
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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.242 | 114 | 86751 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.412 | 117 | 80946 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.807 | 152 | 36095 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.595 | 65 | 28597 | 4.979 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 99.600% | | | |
| 7) Chloroethane-d5 | 1.907 | 69 | 25422 | 5.093 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 101.800% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.560 | 65 | 18722 | 7.202 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 144.000%# | | | |
| 20) 2-Butanone-d5 | 4.627 | 46 | 62206 | 51.394 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 102.780% | | | |
| 24) Chloroform-d | 5.055 | 84 | 58844 | 5.132 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 102.600% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.692 | 65 | 27455 | 5.131 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 102.600% | | | |
| 32) Benzene-d6 | 5.721 | 84 | 117154 | 5.376 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 107.600% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.682 | 67 | 37185 | 5.441 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 108.800% | | | |
| 41) Toluene-d8 | 7.891 | 98 | 98723 | 5.108 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 102.200% | | | |
| 43) trans-1,3-Dichloroprop... | 8.174 | 79 | 11435 | 5.390 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 107.800% | | | |
| 46) 2-Hexanone-d5 | 8.627 | 63 | 44132 | 50.436 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 100.880% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84 | 23818 | 4.937 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 98.800% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.187 | 152 | 30896 | 5.082 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 101.600% | | | |
| Target Compounds | | | | | | Qvalue |
| 3) Chloromethane | 1.515 | 50 | 1761 | 0.199 | ug/L | 91 |
| 5) Vinyl chloride | 1.599 | 62 | 6365 | 0.720 | ug/L | 88 |
| 8) Chloroethane | 1.927 | 64 | 1477 | 0.265 | ug/L | 100 |
| 9) Trichlorofluoromethane | 2.136 | 101 | 3776 | 0.324 | ug/L | 98 |
| 12) 1,1-Dichloroethene | 2.566 | 96 | 14227816 | 2314.209 | ug/L # | 44 |
| 13) Acetone | 2.634 | 43 | 955955 | 925.359 | ug/L | 99 |
| 16) Methylene chloride | 3.036 | 84 | 18368 | 2.251 | ug/L | 95 |
| 19) 1,1-Dichloroethane | 3.859 | 63 | 3575480 | 254.227 | ug/L | 98 |
| 21) 2-Butanone | 4.714 | 43 | 25226 | 16.337 | ug/L | 97 |
| 22) cis-1,2-Dichloroethene | 4.663 | 96 | 1930 | 0.267 | ug/L | 96 |
| 25) Chloroform | 5.078 | 83 | 20063 | 1.474 | ug/L | 93 |
| 27) 1,2-Dichloroethane | 5.785 | 62 | 32895 | 3.968 | ug/L | 98 |
| 29) 1,1,1-Trichloroethane | 5.303 | 97 | 33949304m | 3128.188 | ug/L | |
| 34) Trichloroethene | 6.534 | 95 | 258778 | 34.987 | ug/L | 98 |
| 42) Toluene | 7.965 | 91 | 11066 | 0.360 | ug/L | 98 |
| 47) Tetrachloroethene | 8.547 | 164 | 7305 | 1.347 | ug/L | 97 |
| 53) m,p-Xylene | 9.692 | 106 | 1320 | 0.113 | ug/L | 98 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

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

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