Quantitation Report (Qedit)

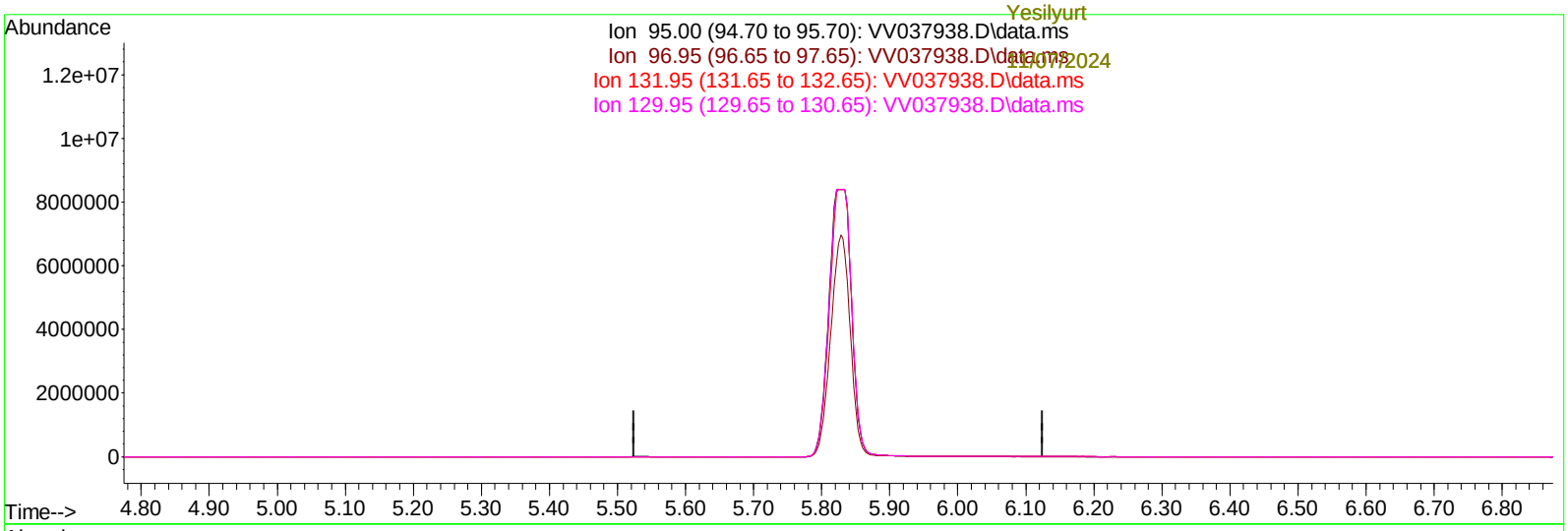
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110624\
Data File : VV037938.D
Acq On : 06 Nov 2024 19:11
Operator : SY/MD
Sample : P4729-04
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

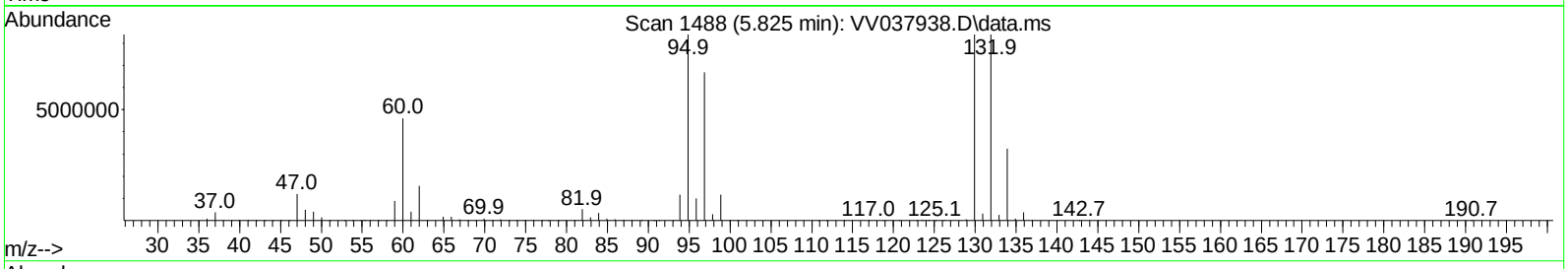
Quant Time: Nov 06 22:48:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 06 22:44:19 2024
Response via : Initial Calibration

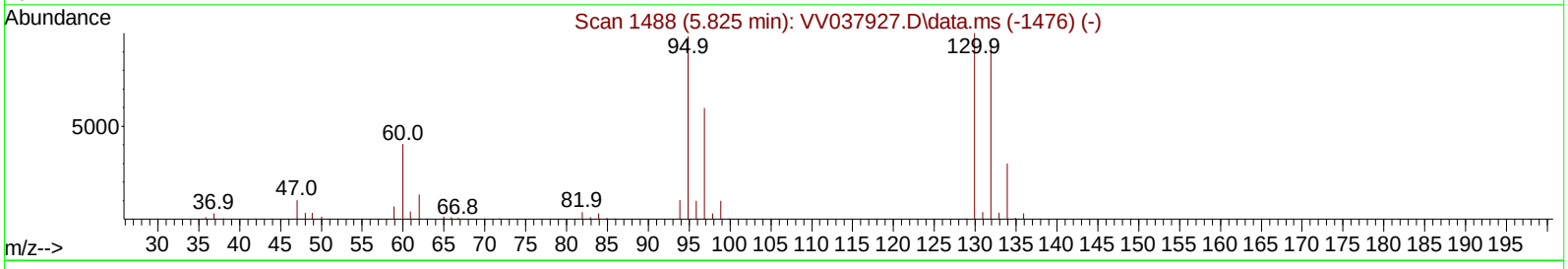
**Instrument :**
MSVOA_V
**ClientSampleId :**
C0B87

**Manual IntegrationsAPPROVED**

Reviewed By :Mahesh Dadoda
11/07/2024
Supervised By :Semsettin Yesilyurt
11/07/2024




TIC: VV037938.D\data.ms

**(34) Trichloroethene (T)**

**5.825min (-5.825) 0.00 ug/L**

**response 0**

| Ion | Exp% | Act% |
|---|---|---|
| 95.00 | 100.00 | 0.00 |
| 96.95 | 67.00 | 0.00# |
| 131.95 | 100.70 | 0.00# |
| 129.95 | 104.10 | 0.00# |

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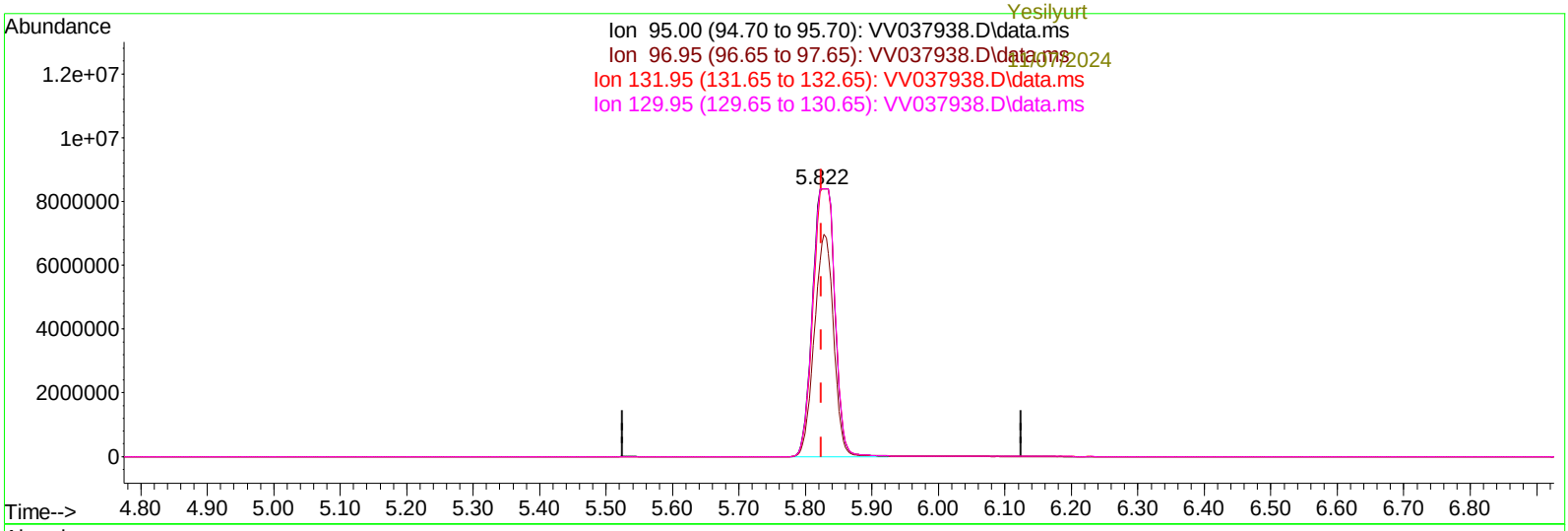


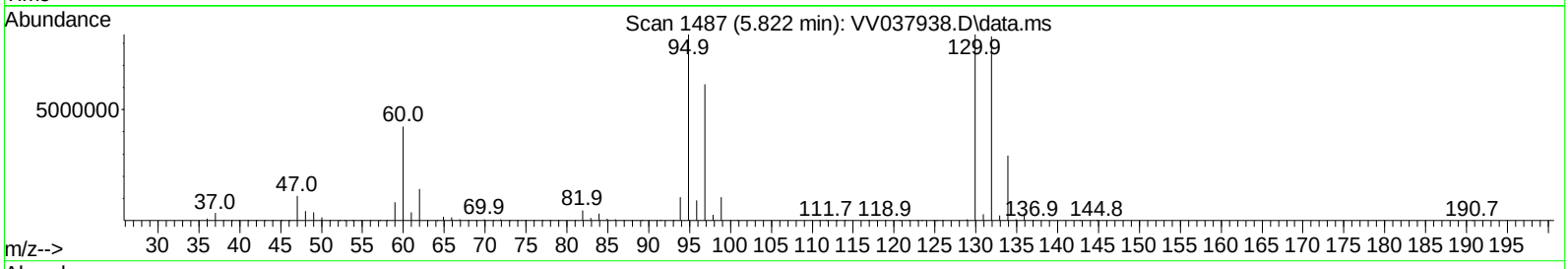


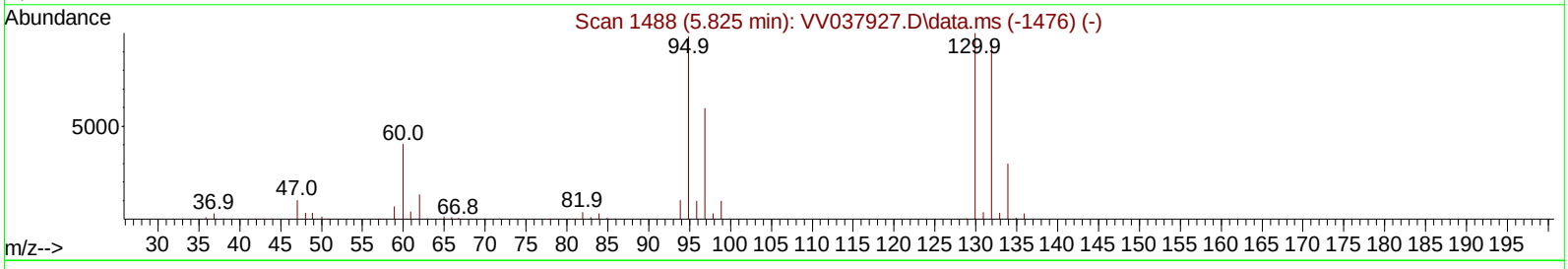


TIC: VV037938.D\data.ms

**(34) Trichloroethene (T)**

**5.822min (-0.003) 841.85 ug/L m**

**response 19505711**

| Ion | Exp% | Act% |
|---|---|---|
| 95.00 | 100.00 | 100.00 |
| 96.95 | 67.00 | 73.10 |
| 131.95 | 100.70 | 98.95 |
| 129.95 | 104.10 | 100.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110624\
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Quant Title : TRACE VOA SFAM1.0
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**Instrument :**
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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.532 | 114 | 288817 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.780 | 117 | 304488 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.182 | 152 | 140154 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.278 | 65 | 102236 | 4.625 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 92.400% | | | |
| 7) Chloroethane-d5 | 1.532 | 69 | 80894 | 4.490 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 89.800% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.056 | 65 | 44049 | 4.592 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 91.800% | | | |
| 20) 2-Butanone-d5 | 3.799 | 46 | 197981 | 48.050 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 96.100% | | | |
| 24) Chloroform-d | 4.243 | 84 | 197114 | 4.891 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 97.800% | | | |
| 26) 1,2-Dichloroethane-d4 | 4.941 | 65 | 92770 | 5.151 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 103.000% | | | |
| 32) Benzene-d6 | 4.953 | 84 | 367531 | 4.680 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 93.600% | | | |
| 36) 1,2-Dichloropropane-d6 | 5.986 | 67 | 113558 | 4.952 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 99.000% | | | |
| 41) Toluene-d8 | 7.240 | 98 | 311469 | 4.414 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 88.200% | | | |
| 43) trans-1,3-Dichloroprop... | 7.561 | 79 | 36522 | 4.119 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 82.400% | | | |
| 46) 2-Hexanone-d5 | 8.024 | 63 | 174294 | 50.583 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 101.160% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149 | 84 | 91479 | 4.948 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 99.000% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.554 | 152 | 119934 | 5.188 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 103.800% | | | |
| Target Compounds | | | | | | Qvalue |
| 5) Vinyl chloride | 1.282 | 62 | 12916 | 0.478 | ug/L # | 54 |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.063 | 101 | 33912 | 1.580 | ug/L | 96 |
| 12) 1,1-Dichloroethene | 2.066 | 96 | 190924 | 9.678 | ug/L # | 85 |
| 16) Methylene chloride | 2.446 | 84 | 6871 | 0.298 | ug/L | 97 |
| 18) trans-1,2-Dichloroethene | 2.693 | 96 | 5240 | 0.246 | ug/L | 91 |
| 19) 1,1-Dichloroethane | 3.108 | 63 | 70618 | 1.824 | ug/L | 100 |
| 22) cis-1,2-Dichloroethene | 3.806 | 96 | 658625 | 29.333 | ug/L | 99 |
| 25) Chloroform | 4.272 | 83 | 184061 | 4.526 | ug/L | 97 |
| 29) 1,1,1-Trichloroethane | 4.503 | 97 | 23897 | 0.657 | ug/L | 96 |
| 31) Carbon tetrachloride | 4.728 | 117 | 53226 | 1.666 | ug/L | 99 |
| 34) Trichloroethene | 5.822 | 95 | 19505711m | 841.854 | ug/L | |
| 38) Bromodichloromethane | 6.449 | 83 | 4168 | 0.150 | ug/L | 85 |
| 42) Toluene | 7.330 | 91 | 11119 | 0.126 | ug/L | 88 |
| 47) Tetrachloroethene | 7.895 | 164 | 532535 | 29.569 | ug/L | 99 |
| 67) 1,2-Dichlorobenzene | 11.574 | 146 | 12393 | 0.324 | ug/L | 91 |

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

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