

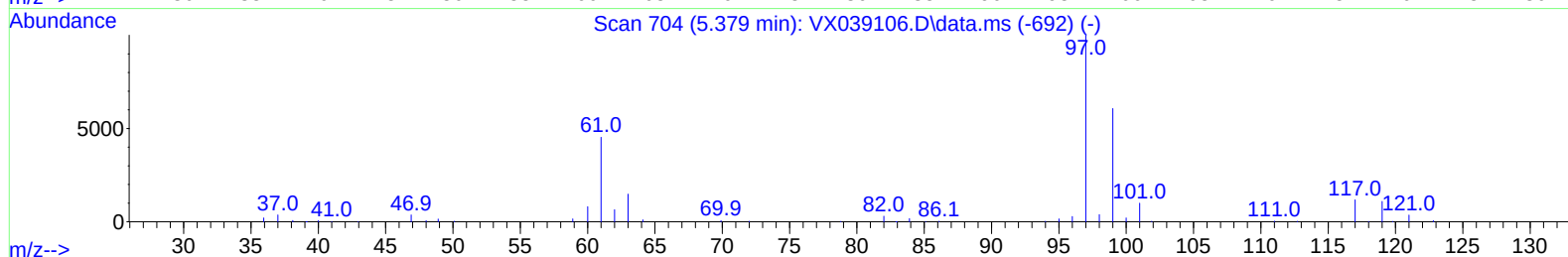
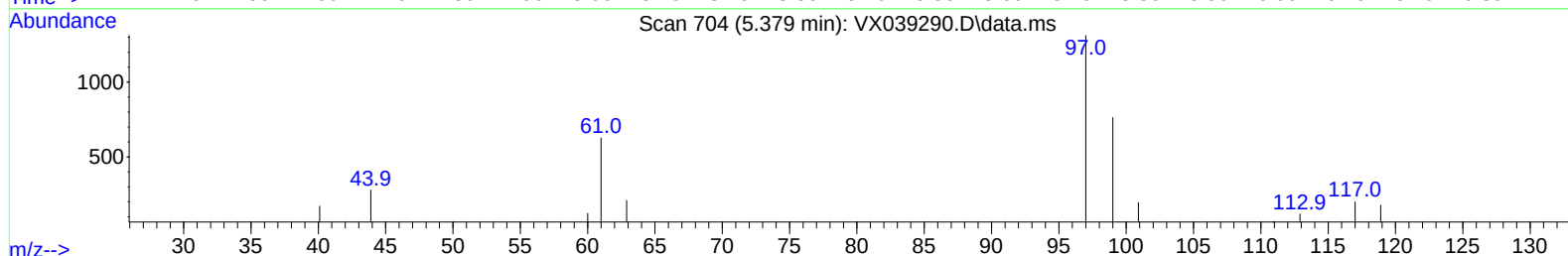
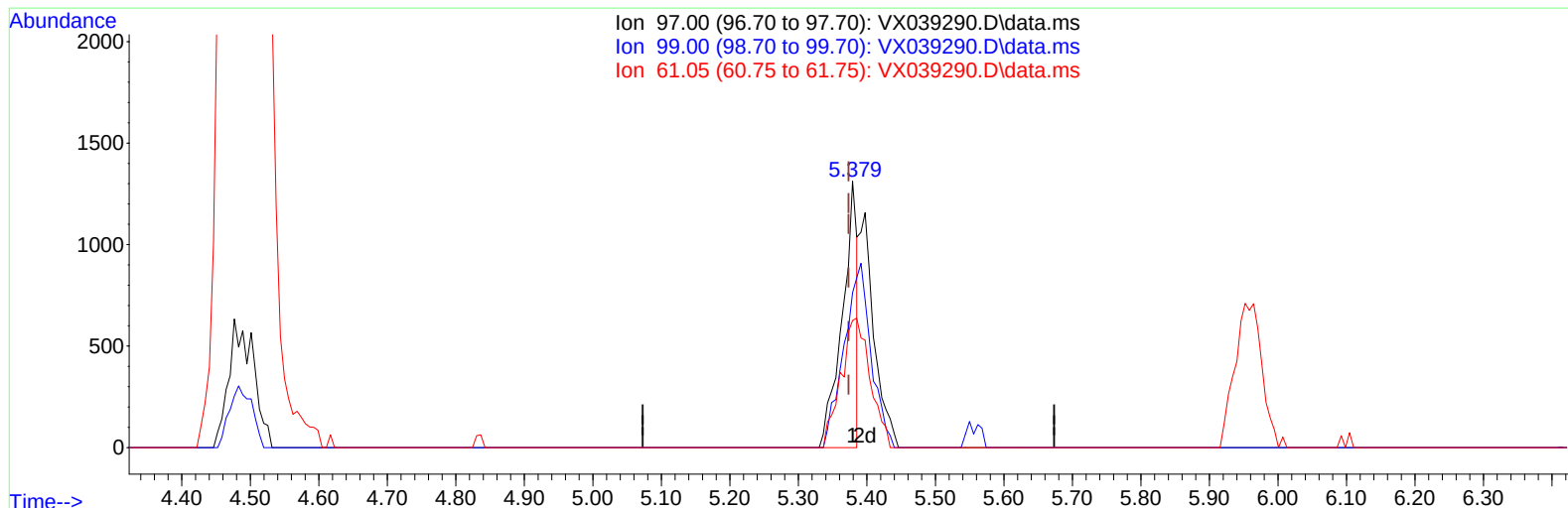
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121623\  
 Data File : VX039290.D  
 Acq On : 16 Dec 2023 15:07  
 Operator : JC/MD  
 Sample : 05845-07  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 61 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 YCHE3

Manual IntegrationsAPPROVED

Quant Time: Dec 16 21:12:46 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM120523WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Dec 12 03:50:51 2023  
 Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 12/18/2023  
 Supervised By :Semsettin Yesilyurt 12/18/2023



TIC: VX039290.D\data.ms

**(30) 1,1,1-Trichloroethane (T)**

5.379min (+ 0.006) 0.83 ug/L

response 1990

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 97.00 | 100.00 | 100.00 |
| 99.00 | 63.70  | 0.00#  |
| 61.05 | 45.90  | 0.00#  |
| 0.00  | 0.00   | 0.00   |

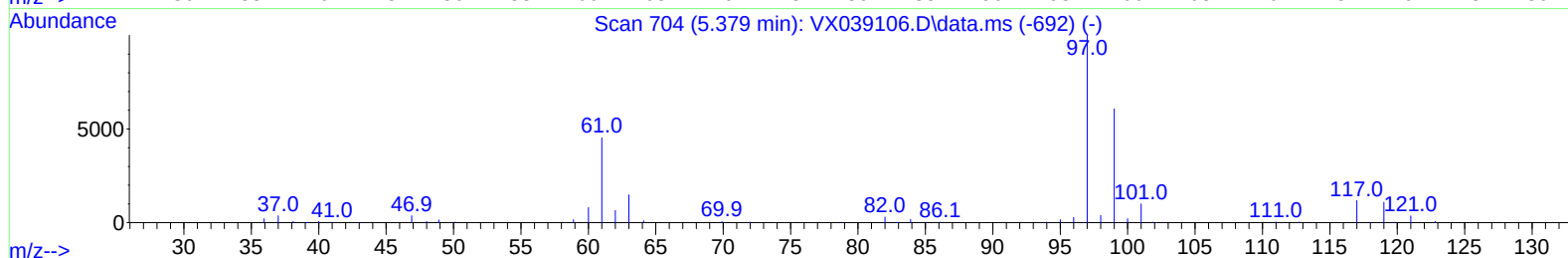
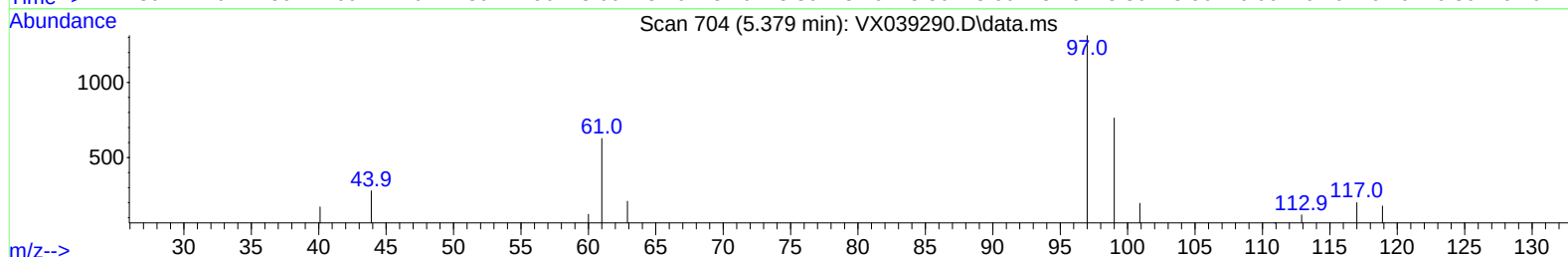
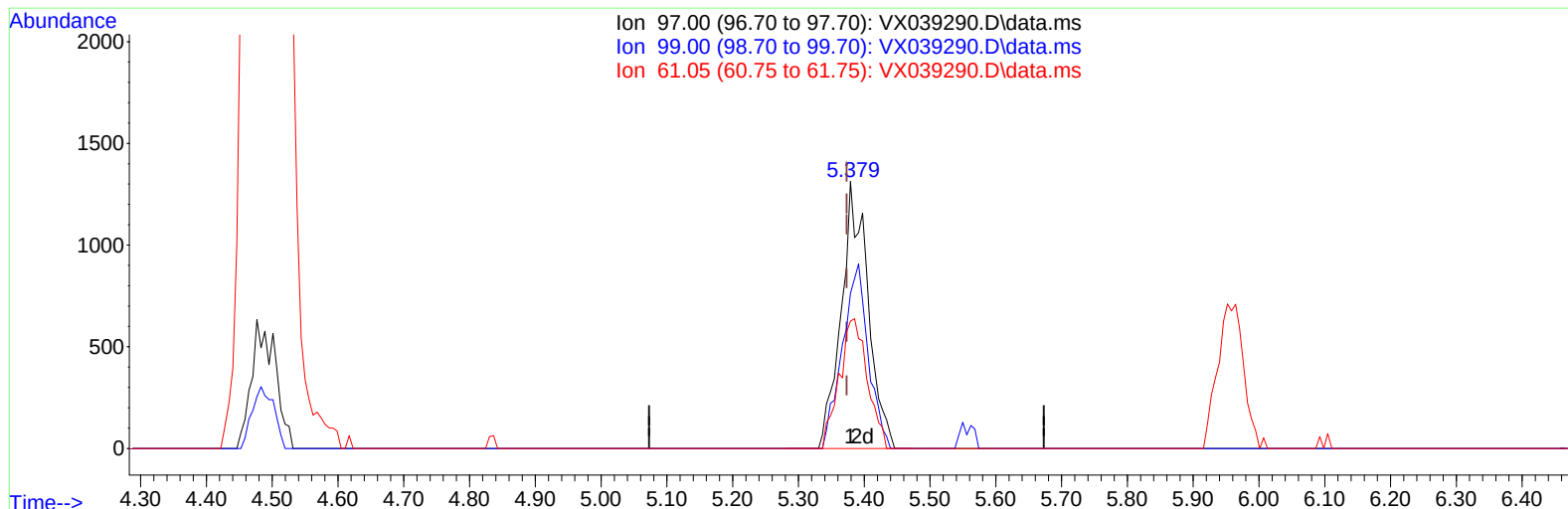
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TIC: VX039290.D\data.ms

**(30) 1,1,1-Trichloroethane (T)**

5.379min (+ 0.006) 1.54 ug/L m

response 3701

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 97.00 | 100.00 | 100.00 |
| 99.00 | 63.70  | 0.00#  |
| 61.05 | 45.90  | 0.00#  |
| 0.00  | 0.00   | 0.00   |

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Manual IntegrationsAPPROVED

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| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.763          | 114  | 212697     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.055         | 117  | 198302     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 92634      | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.368          | 65   | 68450      | 41.030   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 82.060%  |        |          |
| 7) Chloroethane-d5            | 1.666          | 69   | 51811      | 42.017   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 84.040%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.306          | 65   | 35506      | 48.485   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 96.960%  |        |          |
| 21) 2-Butanone-d5             | 4.452          | 46   | 152135     | 100.743  | ug/L   | 0.01     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 100.740% |        |          |
| 24) Chloroform-d              | 5.056          | 84   | 142336     | 48.196   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 96.400%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.952          | 65   | 98371      | 51.433   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 102.860% |        |          |
| 32) Benzene-d6                | 5.976          | 84   | 289347     | 47.279   | ug/L   | 0.01     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 94.560%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 7.312          | 67   | 93001      | 47.220   | ug/L   | 0.01     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 94.440%  |        |          |
| 41) Toluene-d8                | 8.647          | 98   | 262183     | 47.273   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 94.540%  |        |          |
| 43) trans-1,3-Dichloroprop... | 8.952          | 79   | 42117      | 42.022   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 84.040%  |        |          |
| 47) 2-Hexanone-d5             | 9.384          | 63   | 108326     | 92.087   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 92.090%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 11.189         | 84   | 132025     | 47.254   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 94.500%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.317         | 152  | 86432      | 49.363   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 98.720%  |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        |          |
| 5) Vinyl chloride             | 1.374          | 62   | 2032       | 1.163    | ug/L # | 12       |
| 12) 1,1-Dichloroethene        | 2.319          | 96   | 25828      | 18.850   | ug/L # | 42       |
| 13) Acetone                   | 2.373          | 43   | 49859      | 34.368   | ug/L   | 95       |
| 19) 1,1-Dichloroethane        | 3.611          | 63   | 6579       | 2.305    | ug/L   | 97       |
| 20) cis-1,2-Dichloroethene    | 4.489          | 96   | 43413      | 25.925   | ug/L   | 95       |
| 22) 2-Butanone                | 4.556          | 43   | 42549      | 23.898   | ug/L   | 100      |
| 30) 1,1,1-Trichloroethane     | 5.379          | 97   | 3701m      | 1.538    | ug/L   |          |
| 34) Trichloroethene           | 7.123          | 95   | 82280      | 49.405   | ug/L   | 98       |
| 37) 1,2-Dichloropropane       | 7.440          | 63   | 1724       | 0.986    | ug/L   | 99       |
| 46) Tetrachloroethene         | 9.275          | 164  | 1462       | 1.331    | ug/L # | 83       |
| -----                         |                |      |            |          |        |          |

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

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