

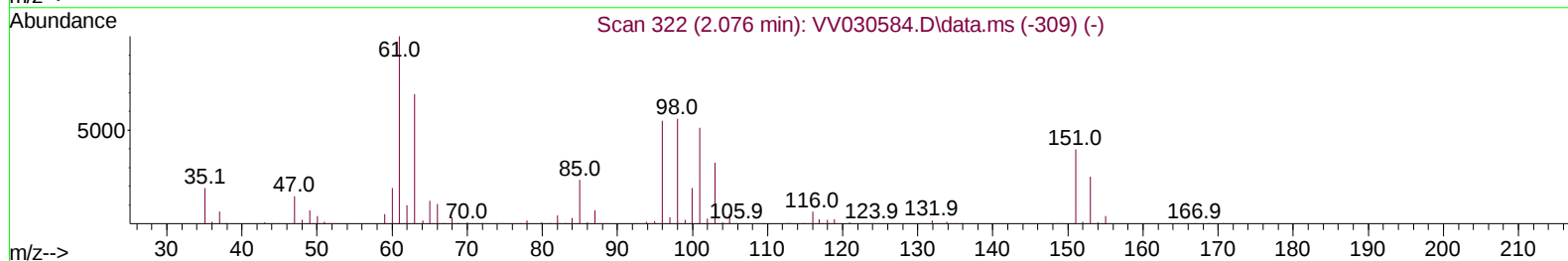
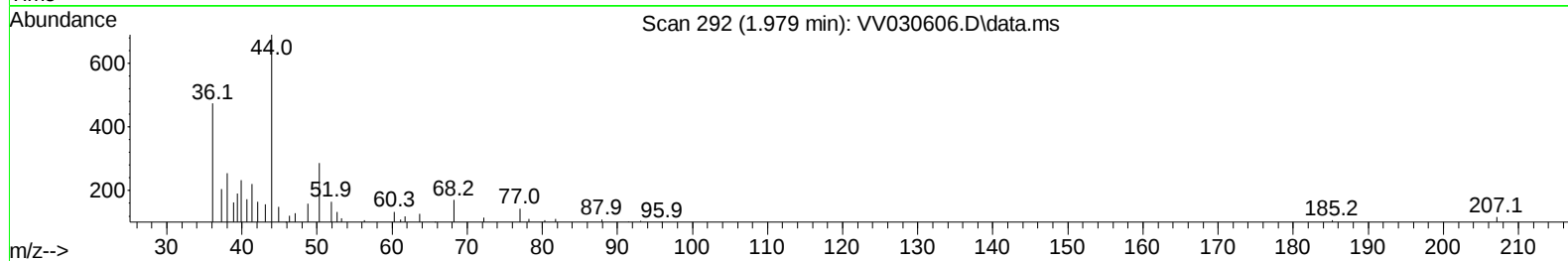
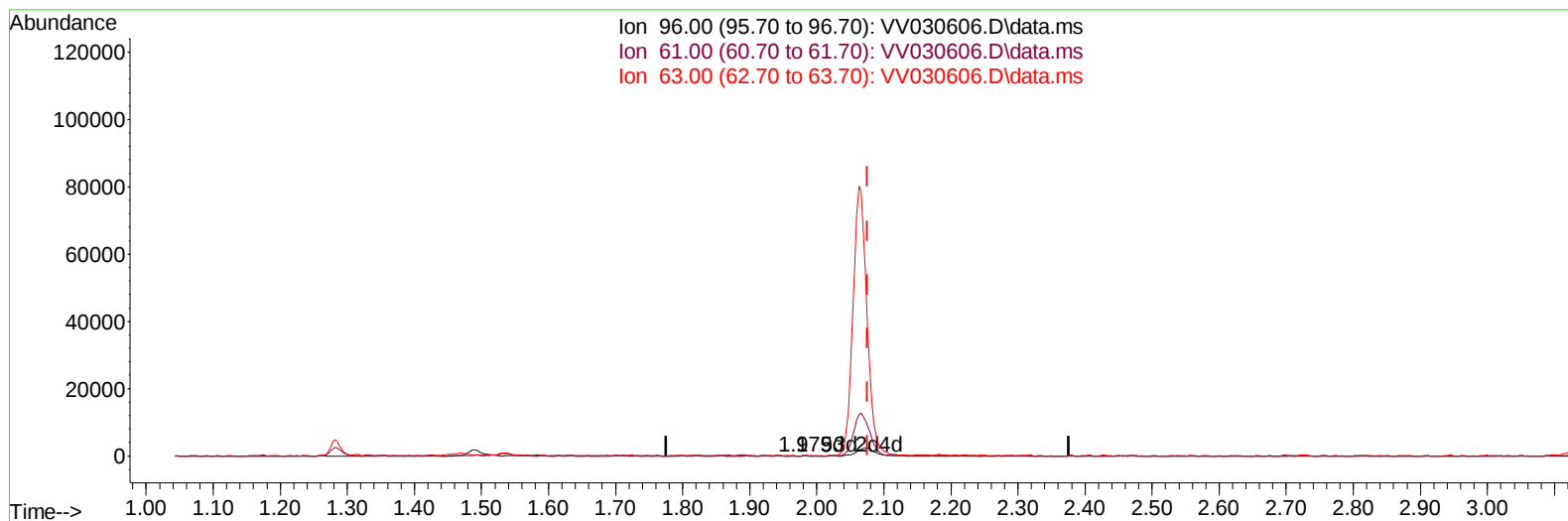
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV041723\  
 Data File : VV030606.D  
 Acq On : 17 Apr 2023 22:14  
 Operator : SY/MD  
 Sample : 02360-16  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AP9

Manual IntegrationsAPPROVED

Quant Time: Apr 18 02:53:54 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM041723WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Apr 18 02:45:56 2023  
 Response via : Initial Calibration

Reviewed By :John Carlone 04/18/2023  
 Supervised By :Mahesh Dadoda 04/18/2023



TIC: VV030606.D\data.ms

**(12) 1,1-Dichloroethene (T)**

**1.979min (-0.097) 0.04 ug/L**

**response 58**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 61.00 | 188.50 | 226.73 |
| 63.00 | 142.50 | 125.74 |
| 0.00  | 0.00   | 0.00   |

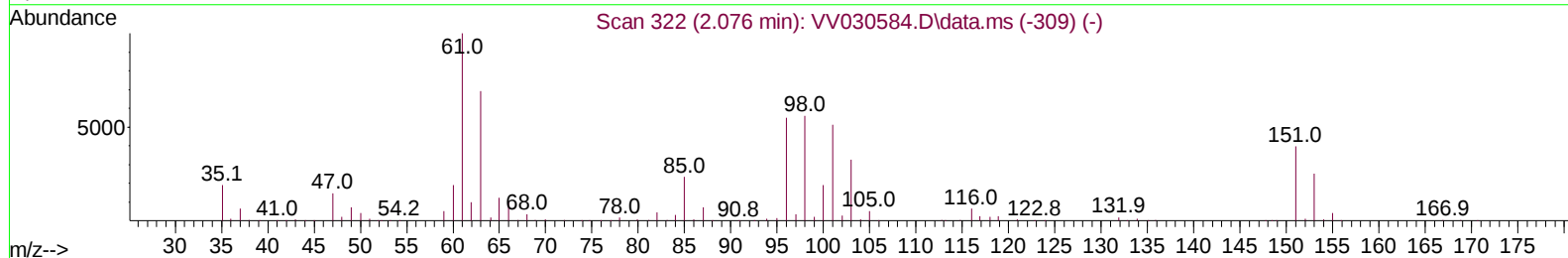
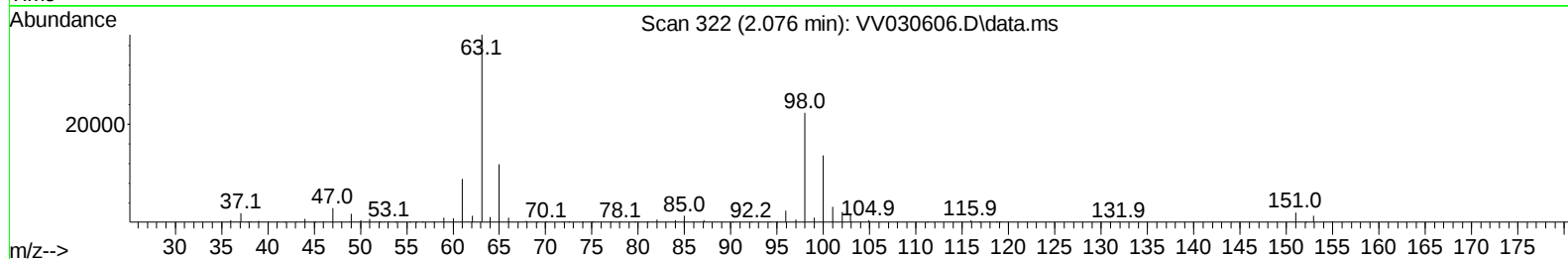
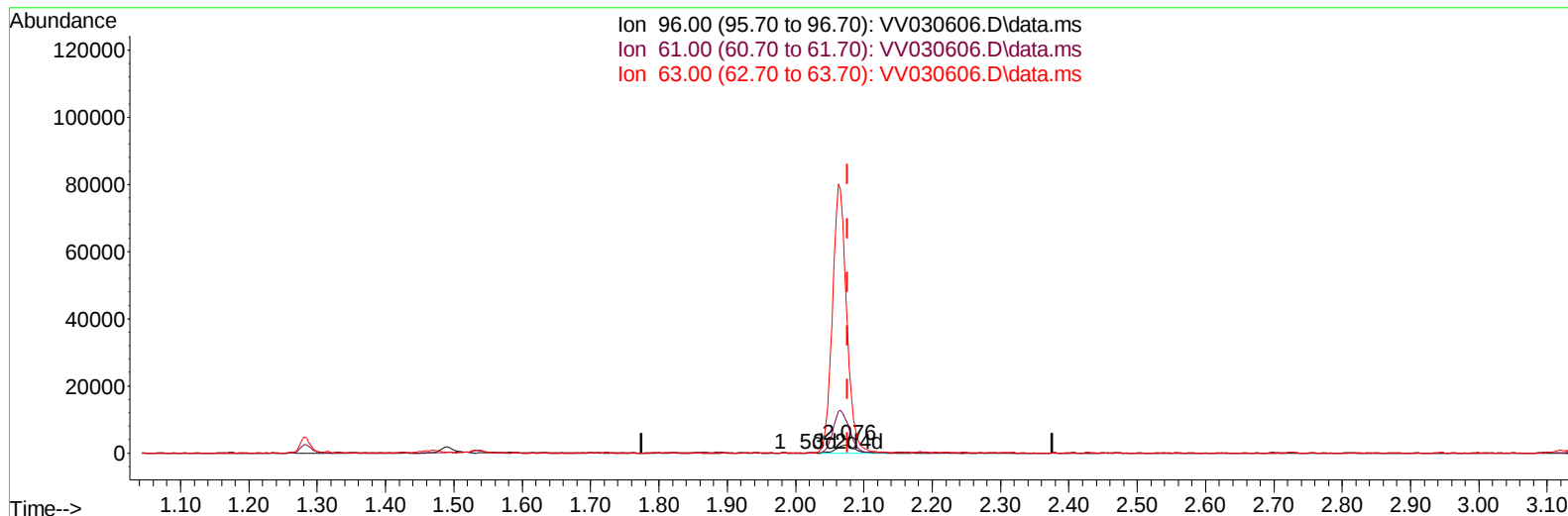
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TIC: VV030606.D\data.ms

## (12) 1,1-Dichloroethene (T)

2.076min (-0.000) 2.96 ug/L m

response 4598

| Ion   | Exp%   | Act%     |
|-------|--------|----------|
| 96.00 | 100.00 | 100.00   |
| 61.00 | 188.50 | 371.92#  |
| 63.00 | 142.50 | 1590.68# |
| 0.00  | 0.00   | 0.00     |

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| Compound                      | R.T.     | QIon  | Response | Conc    | Units    | Dev(Min) |
|-------------------------------|----------|-------|----------|---------|----------|----------|
| -----                         |          |       |          |         |          |          |
| Internal Standards            |          |       |          |         |          |          |
| 1) 1,4-Difluorobenzene        | 5.545    | 114   | 221828   | 50.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.792    | 117   | 212788   | 50.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.194   | 152   | 102011   | 50.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |          |       |          |         |          |          |
| 4) Vinyl Chloride-d3          | 1.281    | 65    | 77090    | 47.406  | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 60 | - 135 | Recovery | =       | 94.820%  |          |
| 7) Chloroethane-d5            | 1.532    | 69    | 61832    | 45.374  | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 130 | Recovery | =       | 90.740%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.063    | 65    | 36574    | 47.426  | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 60 | - 125 | Recovery | =       | 94.860%  |          |
| 21) 2-Butanone-d5             | 3.799    | 46    | 85529    | 95.757  | ug/L     | 0.00     |
| Spiked Amount 100.000         | Range 40 | - 130 | Recovery | =       | 95.760%  |          |
| 24) Chloroform-d              | 4.262    | 84    | 139061   | 47.187  | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 125 | Recovery | =       | 94.380%  |          |
| 26) 1,2-Dichloroethane-d4     | 4.953    | 65    | 93935    | 49.578  | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 125 | Recovery | =       | 99.160%  |          |
| 32) Benzene-d6                | 4.969    | 84    | 254516   | 50.590  | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 125 | Recovery | =       | 101.180% |          |
| 36) 1,2-Dichloropropane-d6    | 5.998    | 67    | 81542    | 52.179  | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 120 | Recovery | =       | 104.360% |          |
| 41) Toluene-d8                | 7.252    | 98    | 220222   | 46.622  | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 80 | - 120 | Recovery | =       | 93.240%  |          |
| 43) trans-1,3-Dichloroprop... | 7.561    | 79    | 36294    | 46.079  | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 60 | - 125 | Recovery | =       | 92.160%  |          |
| 47) 2-Hexanone-d5             | 8.034    | 63    | 55262    | 89.766  | ug/L     | 0.00     |
| Spiked Amount 100.000         | Range 45 | - 130 | Recovery | =       | 89.770%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.162   | 84    | 106072   | 46.777  | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 65 | - 120 | Recovery | =       | 93.560%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.570   | 152   | 83972    | 51.789  | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 80 | - 120 | Recovery | =       | 103.580% |          |
| Target Compounds              |          |       |          |         |          |          |
|                               |          |       |          |         |          | Qvalue   |
| 3) Chloromethane              | 1.220    | 50    | 14511    | 5.800   | ug/L     | 99       |
| 6) Bromomethane               | 1.487    | 94    | 2946     | 3.683   | ug/L     | 96       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.072    | 101   | 5849     | 3.404   | ug/L #   | 85       |
| 12) 1,1-Dichloroethene        | 2.076    | 96    | 4598m    | 2.960   | ug/L     |          |
| 20) cis-1,2-Dichloroethene    | 3.834    | 96    | 8162     | 4.785   | ug/L     | 97       |
| 30) 1,1,1-Trichloroethane     | 4.522    | 97    | 188348   | 62.993  | ug/L     | 100      |
| 34) Trichloroethene           | 5.841    | 95    | 333643   | 198.508 | ug/L     | 98       |
| -----                         |          |       |          |         |          |          |

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

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