

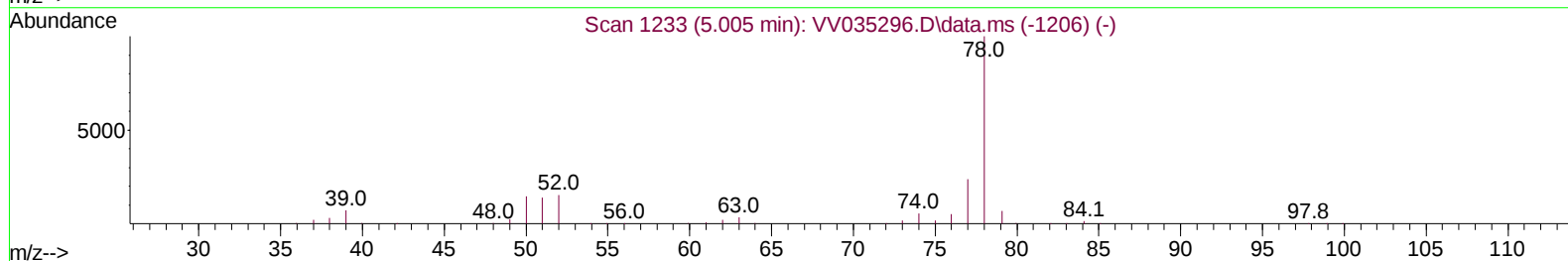
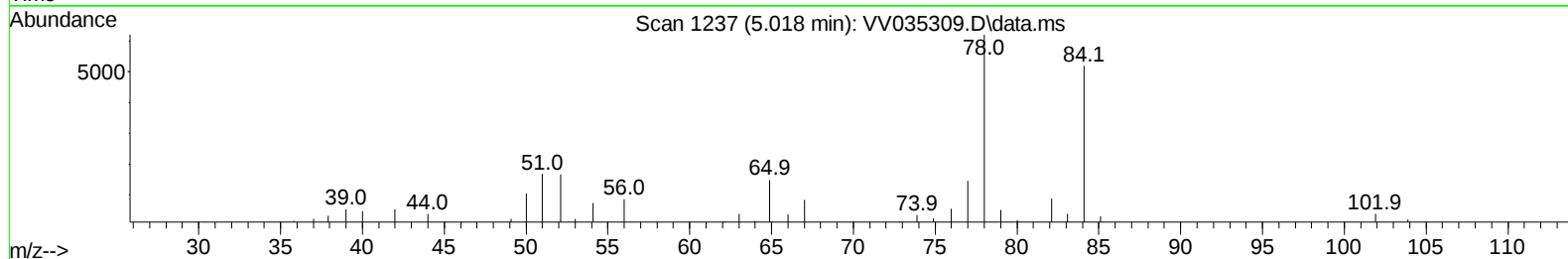
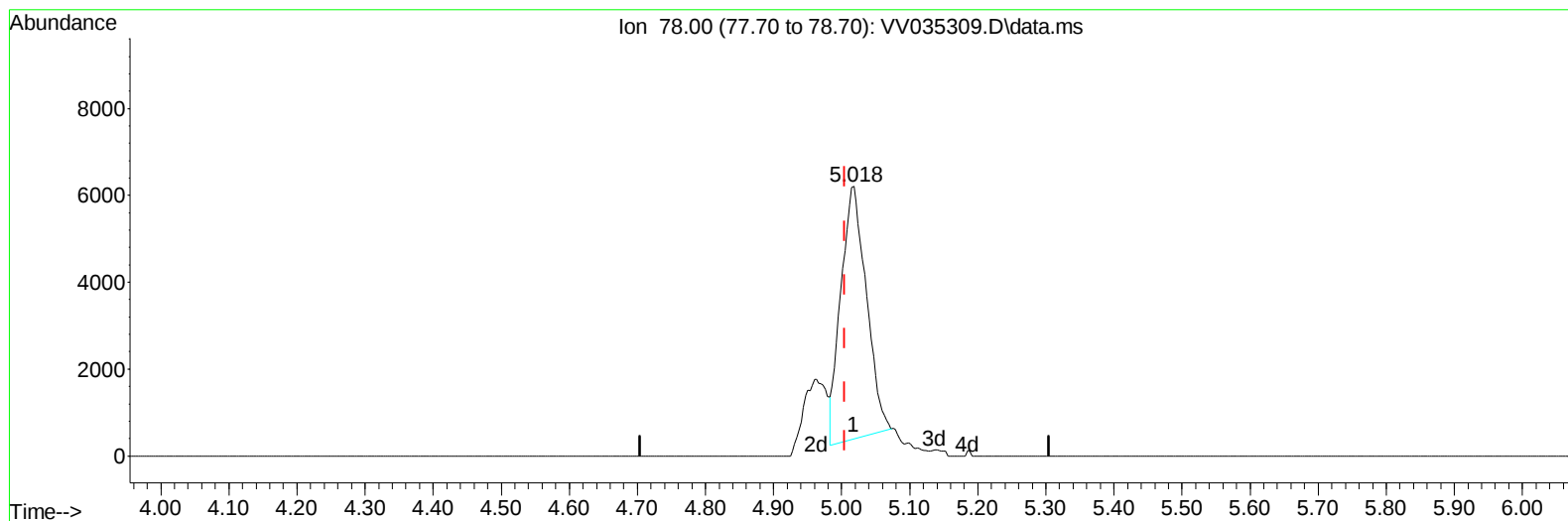
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV041924\  
Data File : VV035309.D  
Acq On : 19 Apr 2024 15:41  
Operator : SY/MD  
Sample : P2157-17  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
MCORB6

## Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 04/23/2024  
Supervised By :Semsettin Yesilyurt 04/23/2024

Quant Time: Apr 19 22:31:49 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM032624WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Apr 19 22:28:16 2024  
Response via : Initial Calibration



TIC: VV035309.D\data.ms

**(33) Benzene (T)**

5.018min (+ 0.013) 1.17 ug/L

response 15187

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 78.00 | 100.00 | 100.00 |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

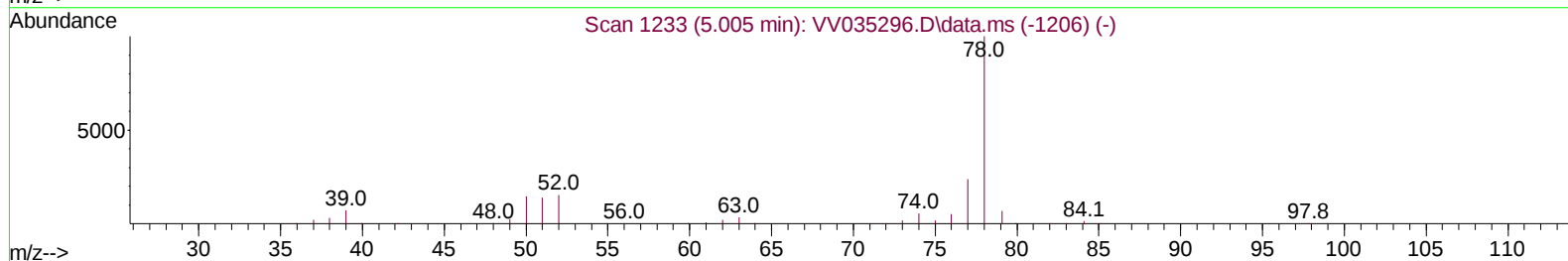
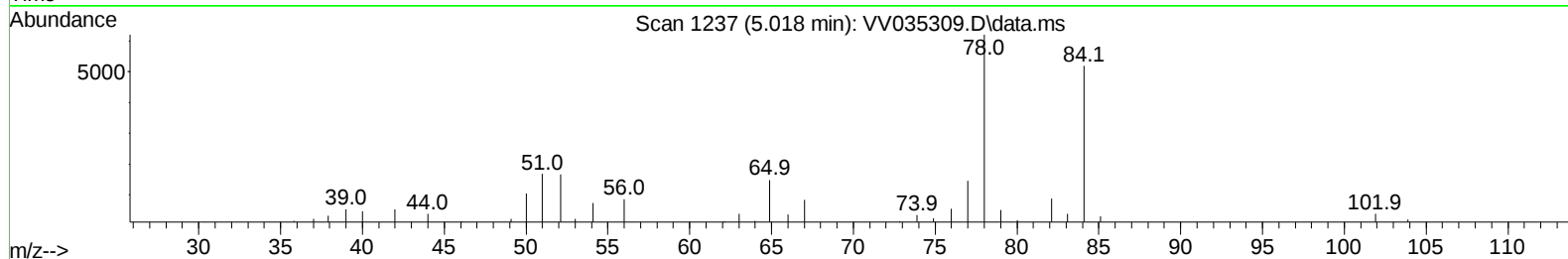
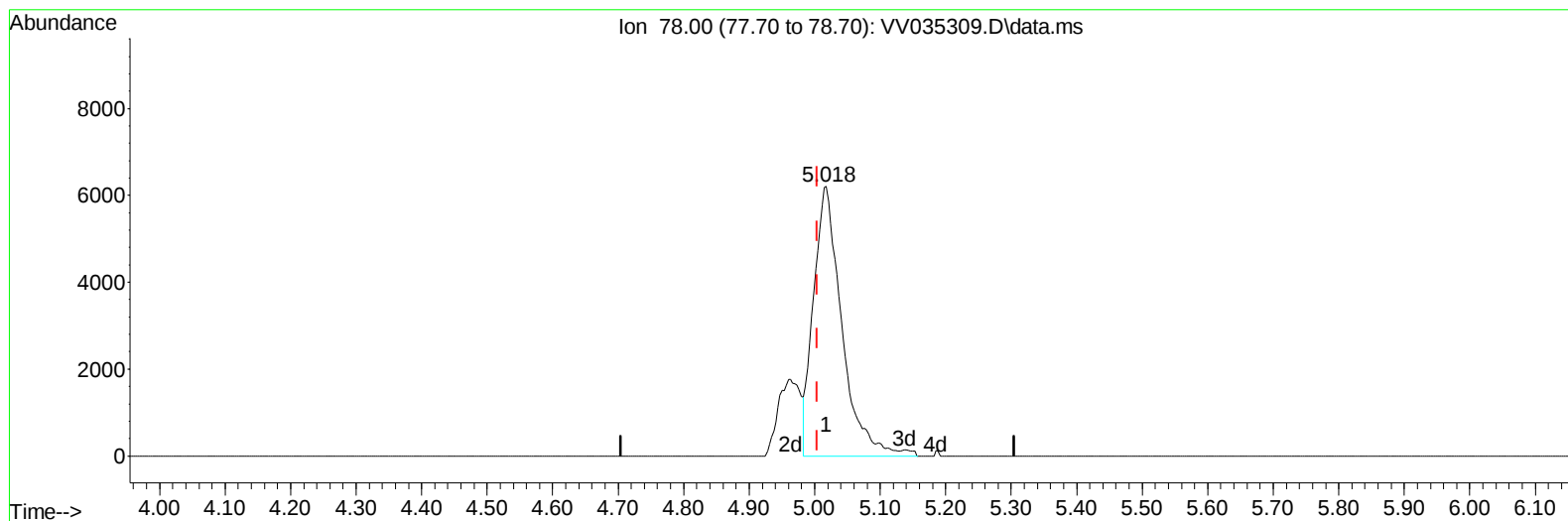
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TIC: VV035309.D\data.ms

**(33) Benzene (T)**

5.018min (+ 0.013) 1.44 ug/L m

response 18682

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 78.00 | 100.00 | 100.00 |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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| Compound                      | R.T.     | Q     | Ion | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------|-------|-----|------------|----------|--------|----------|
| -----                         |          |       |     |            |          |        |          |
| Internal Standards            |          |       |     |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.532    | 114   |     | 399554     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.783    | 117   |     | 398930     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185   | 152   |     | 174671     | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |          |       |     |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278    | 65    |     | 125177     | 32.440   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 | - 135 |     | Recovery = | 64.880%  |        |          |
| 7) Chloroethane-d5            | 1.529    | 69    |     | 110192     | 32.878   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 130 |     | Recovery = | 65.760%# |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.060    | 65    |     | 56079      | 33.154   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 | - 125 |     | Recovery = | 66.300%  |        |          |
| 21) 2-Butanone-d5             | 3.786    | 46    |     | 197852     | 86.454   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 | - 130 |     | Recovery = | 86.450%  |        |          |
| 24) Chloroform-d              | 4.246    | 84    |     | 272913     | 42.066   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 125 |     | Recovery = | 84.140%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 4.941    | 65    |     | 172837     | 41.961   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 125 |     | Recovery = | 83.920%  |        |          |
| 32) Benzene-d6                | 4.957    | 84    |     | 522756     | 39.011   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 125 |     | Recovery = | 78.020%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 5.986    | 67    |     | 174948     | 41.114   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 120 |     | Recovery = | 82.220%  |        |          |
| 41) Toluene-d8                | 7.243    | 98    |     | 439552     | 36.423   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 | - 120 |     | Recovery = | 72.840%# |        |          |
| 43) trans-1,3-Dichloroprop... | 7.555    | 79    |     | 65792      | 31.804   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 | - 125 |     | Recovery = | 63.600%  |        |          |
| 47) 2-Hexanone-d5             | 8.024    | 63    |     | 110934     | 68.953   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 | - 130 |     | Recovery = | 68.950%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149   | 84    |     | 251431     | 42.908   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 | - 120 |     | Recovery = | 85.820%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.558   | 152   |     | 178027     | 45.395   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 | - 120 |     | Recovery = | 90.780%  |        |          |
| Target Compounds              |          |       |     |            |          |        |          |
| 33) Benzene                   | 5.018    | 78    |     | 18682m     | 1.436    | ug/L   |          |
| 51) Chlorobenzene             | 8.818    | 112   |     | 20141      | 2.282    | ug/L   | 94       |
| 65) 1,4-Dichlorobenzene       | 11.207   | 146   |     | 7224       | 1.207    | ug/L   | 91       |
| 67) 1,2-Dichlorobenzene       | 11.577   | 146   |     | 8053       | 1.374    | ug/L # | 91       |
| -----                         |          |       |     |            |          |        |          |

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

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