

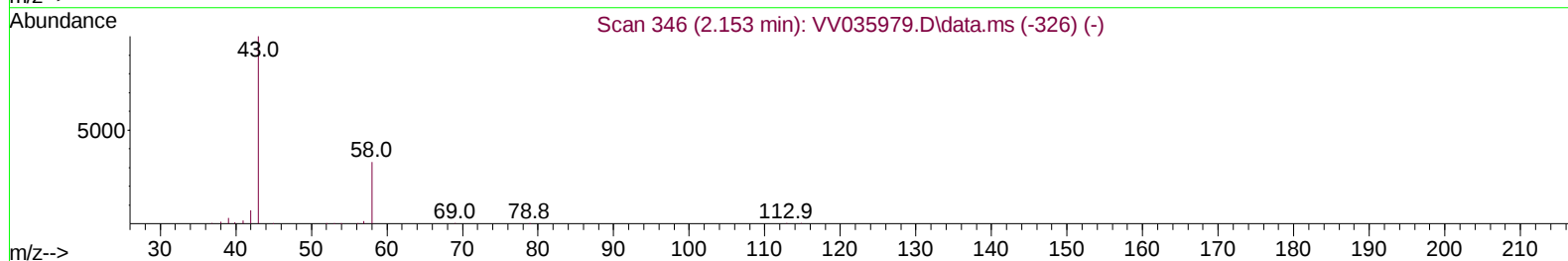
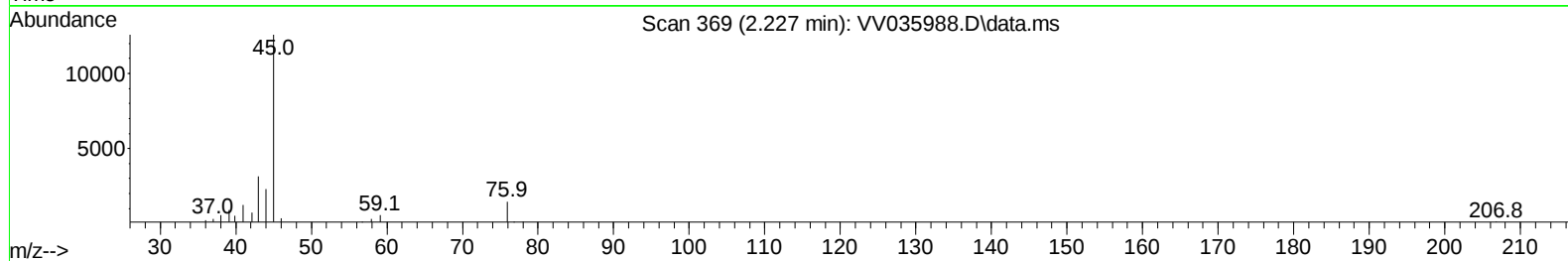
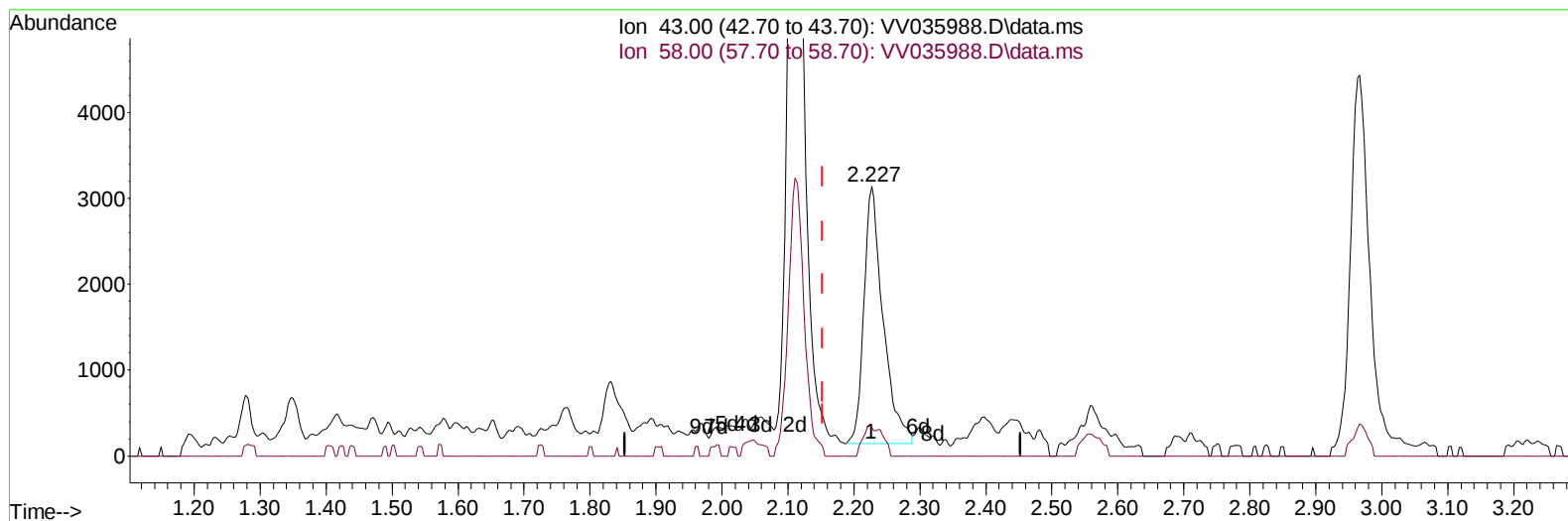
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV060624\  
Data File : VV035988.D  
Acq On : 06 Jun 2024 15:28  
Operator : SY/MD  
Sample : P2693-04  
Misc : 5.58g/10.0mL/MSVOA\_V/SOIL/A  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BHHW4

## Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 06/07/2024  
Supervised By :Semsettin Yesilyurt 06/07/2024

Quant Time: Jun 07 02:20:37 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM053024SMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Jun 07 02:16:44 2024  
Response via : Initial Calibration



TIC: VV035988.D\data.ms

## (13) Acetone (T)

2.227min (+ 0.074) 2.25 ug/L

response 6034

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 58.00 | 12.10  | 6.70   |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

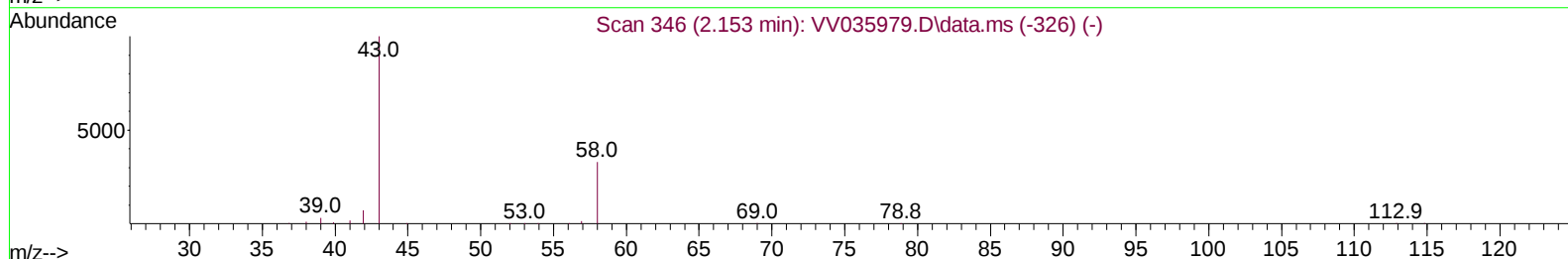
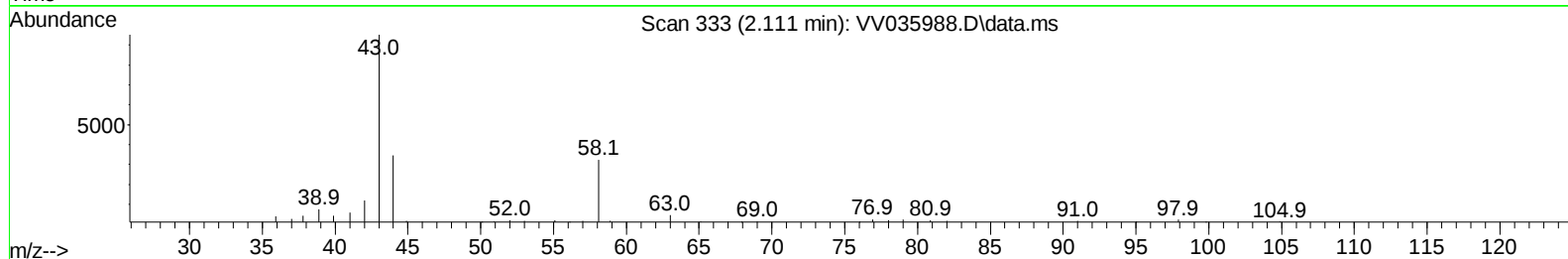
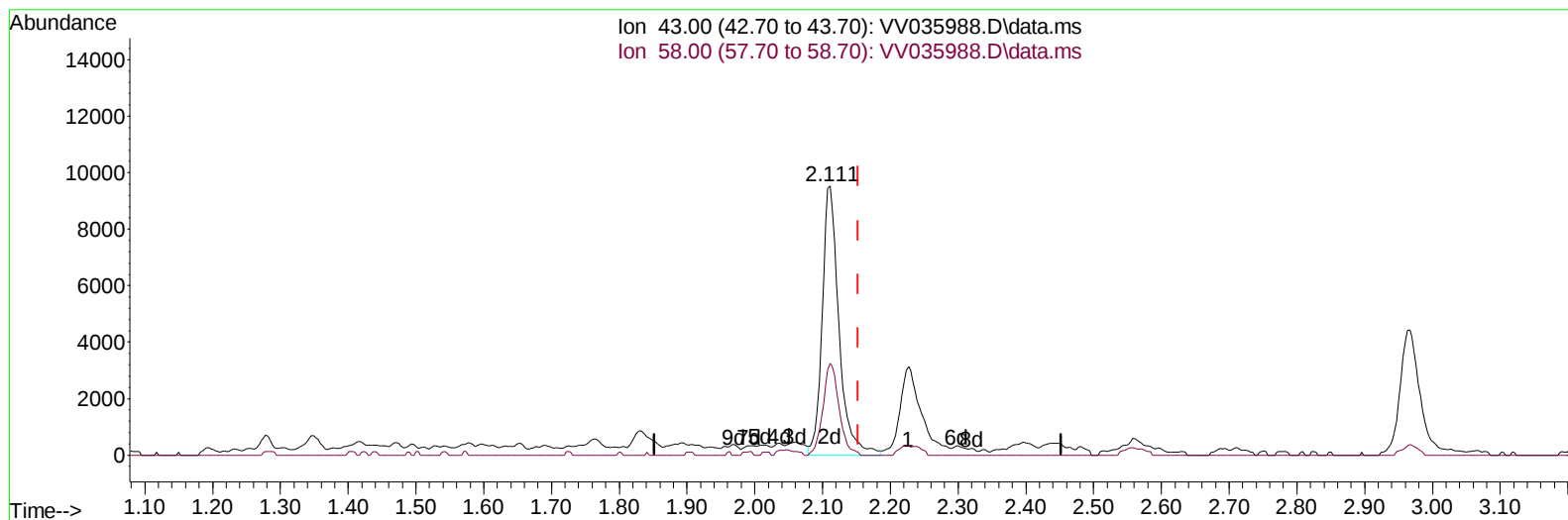
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TIC: VV035988.D\data.ms

(13) Acetone (T)

2.111min (-0.042) 6.11 ug/L m

response 16357

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 58.00 | 12.10  | 2.47   |
| 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   |     | 407473     | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.783    | 117   |     | 359205     | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185   | 152   |     | 122939     | 25.000   | ug/L  | 0.00     |
| System Monitoring Compounds   |          |       |     |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.275    | 65    |     | 103697     | 13.842   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery = | 55.360%  |       |          |
| 7) Chloroethane-d5            | 1.529    | 69    |     | 94181      | 15.767   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery = | 63.080%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.053    | 65    |     | 46932      | 14.073   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 |     | Recovery = | 56.280%  |       |          |
| 21) 2-Butanone-d5             | 3.818    | 46    |     | 25982      | 15.116   | ug/L  | -0.02    |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery = | 30.240%  |       |          |
| 24) Chloroform-d              | 4.246    | 84    |     | 200932     | 15.511   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 |     | Recovery = | 62.040%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 4.941    | 65    |     | 87975      | 12.953   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 |     | Recovery = | 51.800%# |       |          |
| 32) Benzene-d6                | 4.957    | 84    |     | 372974     | 17.468   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 |     | Recovery = | 69.880%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 5.989    | 67    |     | 122069     | 18.154   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 |     | Recovery = | 72.600%  |       |          |
| 41) Toluene-d8                | 7.243    | 98    |     | 282229     | 14.981   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 |     | Recovery = | 59.920%  |       |          |
| 43) trans-1,3-Dichloroprop... | 7.558    | 79    |     | 34679      | 12.579   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 |     | Recovery = | 50.320%  |       |          |
| 47) 2-Hexanone-d5             | 8.037    | 63    |     | 14643      | 16.073   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery = | 32.140%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153   | 84    |     | 72969      | 14.522   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 |     | Recovery = | 58.080%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.558   | 152   |     | 77874      | 17.273   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 |     | Recovery = | 69.080%# |       |          |
| Target Compounds              |          |       |     |            |          |       |          |
| 13) Acetone                   | 2.111    | 43    |     | 16357m     | 6.109    | ug/L  |          |
| 16) Methylene chloride        | 2.445    | 84    |     | 66119      | 7.171    | ug/L  | 97       |
| -----                         |          |       |     |            |          |       |          |

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

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