

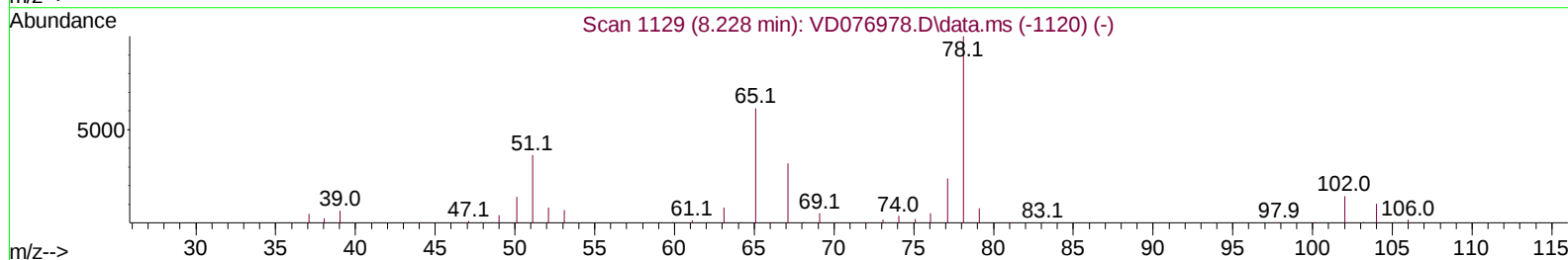
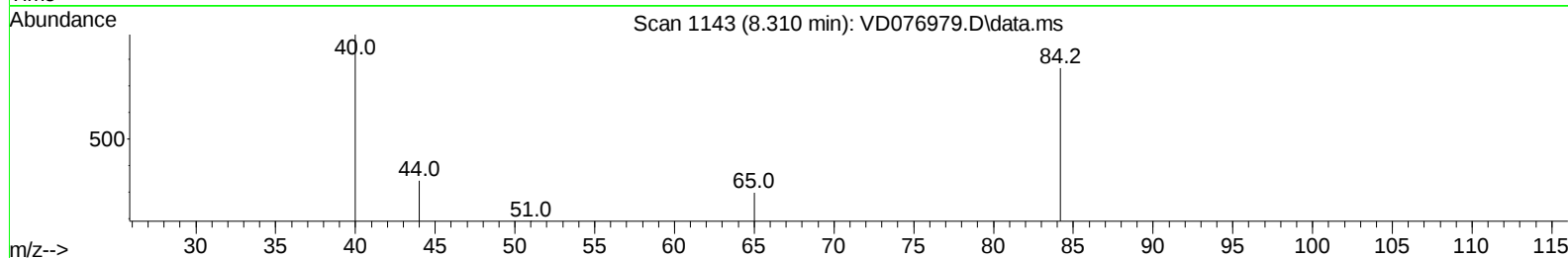
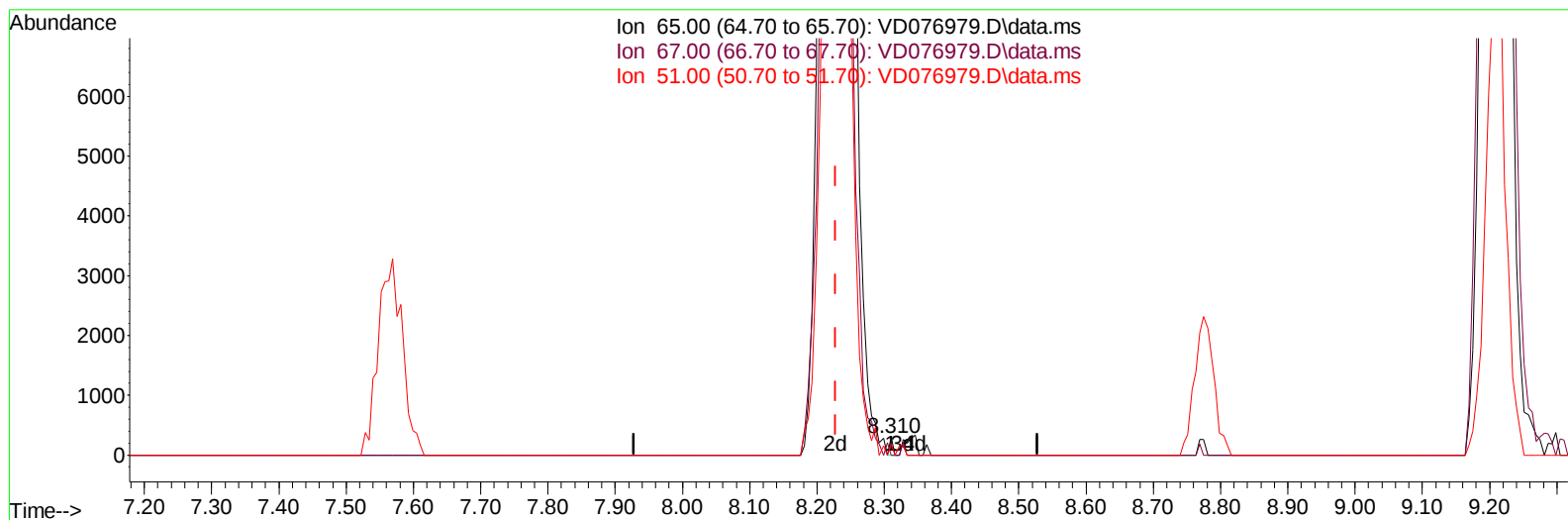
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD081123\  
Data File : VD076979.D  
Acq On : 11 Aug 2023 09:43  
Operator : JC/SY  
Sample : VD0811SBL01  
Misc : 5.00G/10.0ml/MSVOA\_D/SOIL  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VBLK143

Manual IntegrationsAPPROVED

Quant Time: Aug 12 02:20:49 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM080323SMA.M  
Quant Title : SFAM01.0  
QLast Update : Sat Aug 12 02:16:48 2023  
Response via : Initial Calibration

Reviewed By :Romaben Patel 08/15/2023  
Supervised By :Mahesh Dadoda 08/15/2023



TIC: VD076979.D\data.ms

(26) 1,2-Dichloroethane-d4 (S)

8.310min (+ 0.082) 0.02 ug/L

response 105

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 55.50  | 70.48  |
| 51.00 | 123.20 | 114.29 |
| 0.00  | 0.00   | 0.00   |

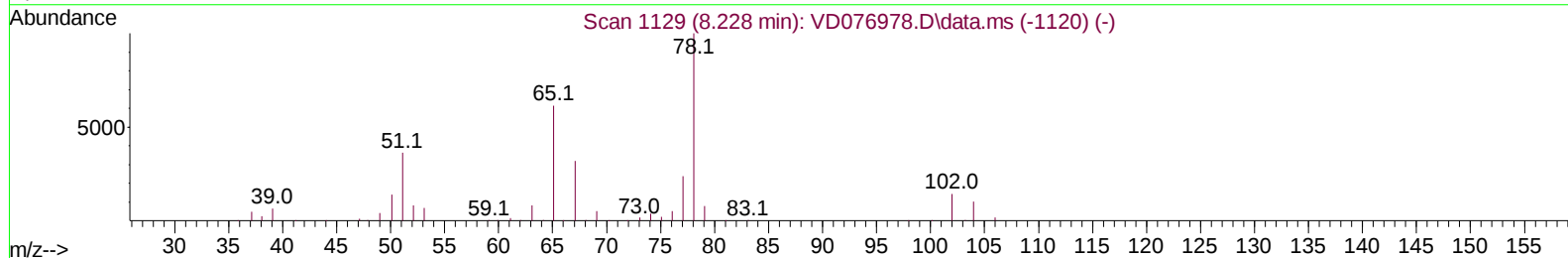
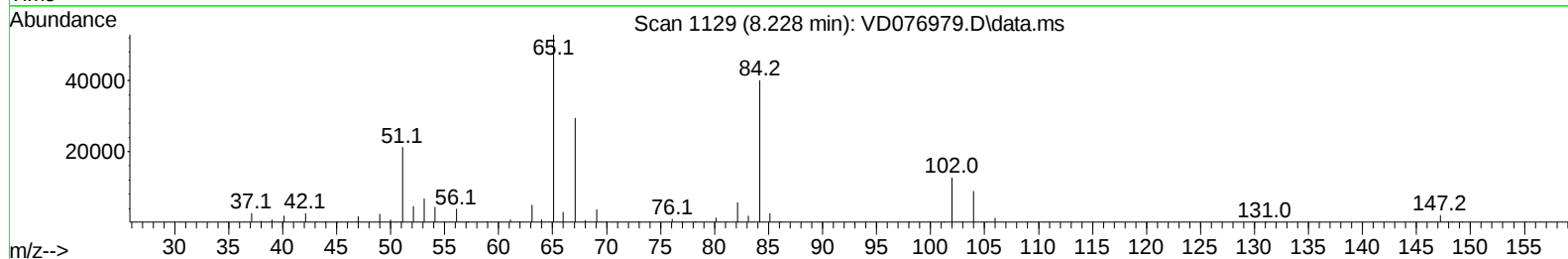
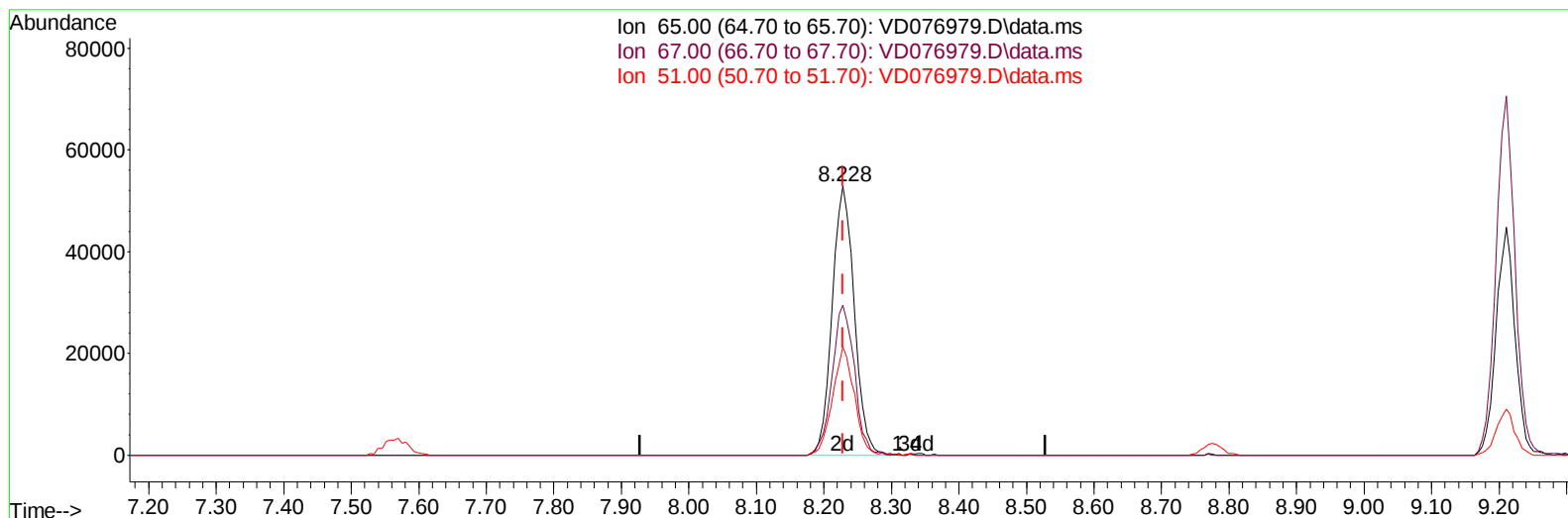
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TIC: VD076979.D\data.ms

(26) 1,2-Dichloroethane-d4 (S)

8.228min (-0.000) 25.61 ug/L m

response 119821

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 55.50  | 0.06#  |
| 51.00 | 123.20 | 0.10#  |
| 0.00  | 0.00   | 0.00   |

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## Manual IntegrationsAPPROVED

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| Compound                      | R.T.     | Q     | Ion | Response   | Conc     | Units | Dev(Min)    |
|-------------------------------|----------|-------|-----|------------|----------|-------|-------------|
| -----                         |          |       |     |            |          |       |             |
| Internal Standards            |          |       |     |            |          |       |             |
| 1) 1,4-Difluorobenzene        | 8.775    | 114   |     | 288188     | 25.000   | ug/L  | 0.00        |
| 28) Chlorobenzene-d5          | 11.581   | 117   |     | 289107     | 25.000   | ug/L  | 0.00        |
| 58) 1,4-Dichlorobenzene-d4    | 13.516   | 152   |     | 133571     | 25.000   | ug/L  | 0.00        |
| System Monitoring Compounds   |          |       |     |            |          |       |             |
| 4) Vinyl Chloride-d3          | 2.270    | 65    |     | 165054     | 20.826   | ug/L  | 0.00        |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery = | 83.320%  |       |             |
| 7) Chloroethane-d5            | 2.799    | 69    |     | 164479     | 22.449   | ug/L  | 0.00        |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery = | 89.800%  |       |             |
| 11) 1,1-Dichloroethene-d2     | 3.911    | 65    |     | 43008      | 22.902   | ug/L  | 0.00        |
| Spiked Amount 25.000          | Range 45 | - 110 |     | Recovery = | 91.600%  |       |             |
| 21) 2-Butanone-d5             | 6.987    | 46    |     | 63866      | 50.193   | ug/L  | 0.00        |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery = | 100.380% |       |             |
| 24) Chloroform-d              | 7.563    | 84    |     | 228446     | 24.343   | ug/L  | 0.00        |
| Spiked Amount 25.000          | Range 40 | - 150 |     | Recovery = | 97.360%  |       |             |
| 26) 1,2-Dichloroethane-d4     | 8.228    | 65    |     | 119821m    | 25.613   | ug/L  | 0.00        |
| Spiked Amount 25.000          | Range 70 | - 130 |     | Recovery = | 102.440% |       |             |
| 32) Benzene-d6                | 8.199    | 84    |     | 471981     | 25.966   | ug/L  | 0.00        |
| Spiked Amount 25.000          | Range 20 | - 135 |     | Recovery = | 103.880% |       |             |
| 36) 1,2-Dichloropropane-d6    | 9.210    | 67    |     | 138719     | 24.821   | ug/L  | 0.00        |
| Spiked Amount 25.000          | Range 70 | - 120 |     | Recovery = | 99.280%  |       |             |
| 41) Toluene-d8                | 10.269   | 98    |     | 430943     | 25.859   | ug/L  | 0.00        |
| Spiked Amount 25.000          | Range 30 | - 130 |     | Recovery = | 103.440% |       |             |
| 43) trans-1,3-Dichloroprop... | 10.528   | 79    |     | 61319      | 24.269   | ug/L  | 0.00        |
| Spiked Amount 25.000          | Range 30 | - 135 |     | Recovery = | 97.080%  |       |             |
| 47) 2-Hexanone-d5             | 10.875   | 63    |     | 55163      | 51.673   | ug/L  | 0.00        |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery = | 103.340% |       |             |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651   | 84    |     | 133737     | 24.765   | ug/L  | 0.00        |
| Spiked Amount 25.000          | Range 45 | - 120 |     | Recovery = | 99.040%  |       |             |
| 66) 1,2-Dichlorobenzene-d4    | 13.816   | 152   |     | 138242     | 28.309   | ug/L  | 0.00        |
| Spiked Amount 25.000          | Range 75 | - 120 |     | Recovery = | 113.240% |       |             |
| Target Compounds              |          |       |     |            |          |       |             |
| 16) Methylene chloride        | 4.805    | 84    |     | 14723      | 2.435    | ug/L  | Qvalue # 69 |
| -----                         |          |       |     |            |          |       |             |

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

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