

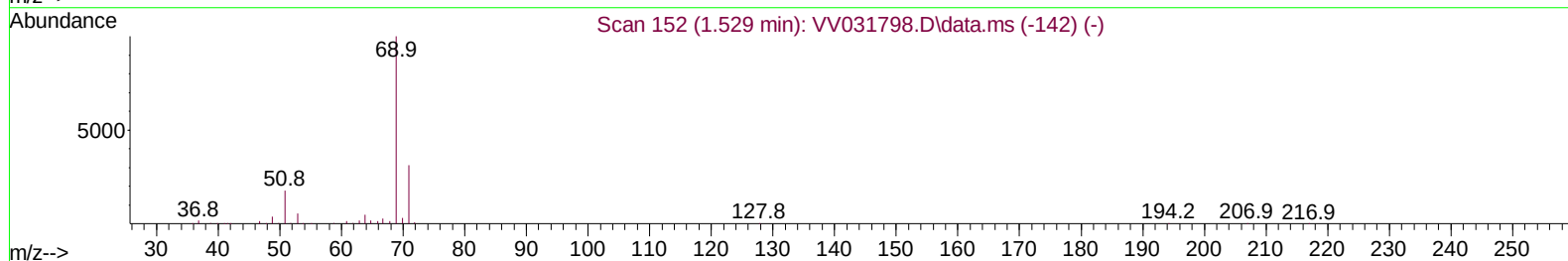
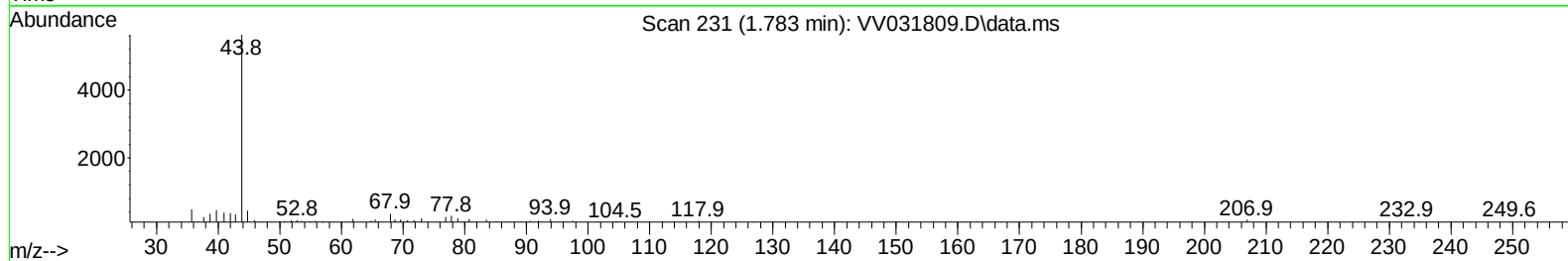
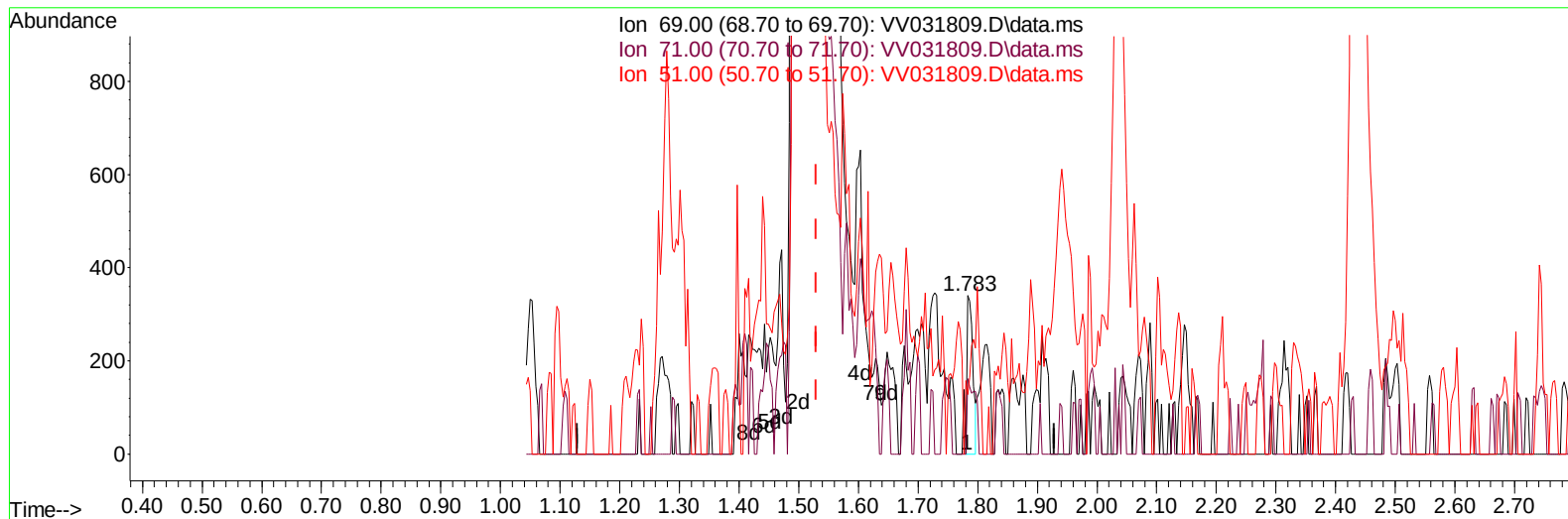
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV081523\  
Data File : VV031809.D  
Acq On : 15 Aug 2023 14:27  
Operator : SY/MD  
Sample : 03965-06ME  
Misc : 5.37g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
A48H2ME

## Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 08/16/2023  
Supervised By :Semsettin Yesilyurt 08/16/2023

Quant Time: Aug 16 02:12:59 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM072523WMA.M  
Quant Title : VOC Analysis  
QLast Update : Wed Aug 16 02:07:29 2023  
Response via : Initial Calibration



TIC: VV031809.D\data.ms

## (7) Chloroethane-d5 (S)

1.783min (+ 0.254) 0.07 ug/L

response 231

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 69.00 | 100.00 | 100.00 |
| 71.00 | 32.70  | 36.36  |
| 51.00 | 24.40  | 23.81  |
| 0.00  | 0.00   | 0.00   |

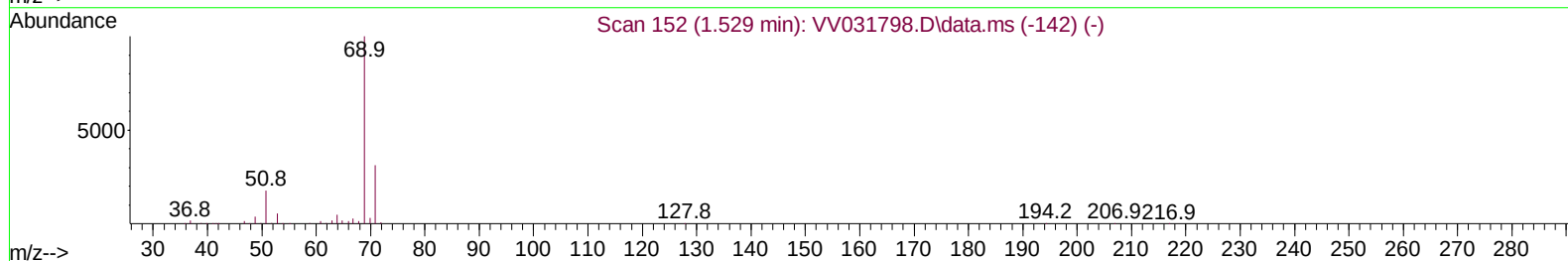
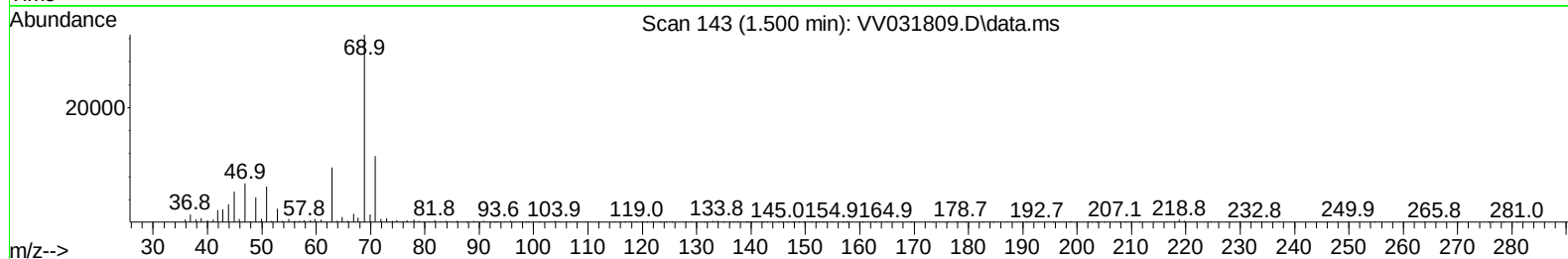
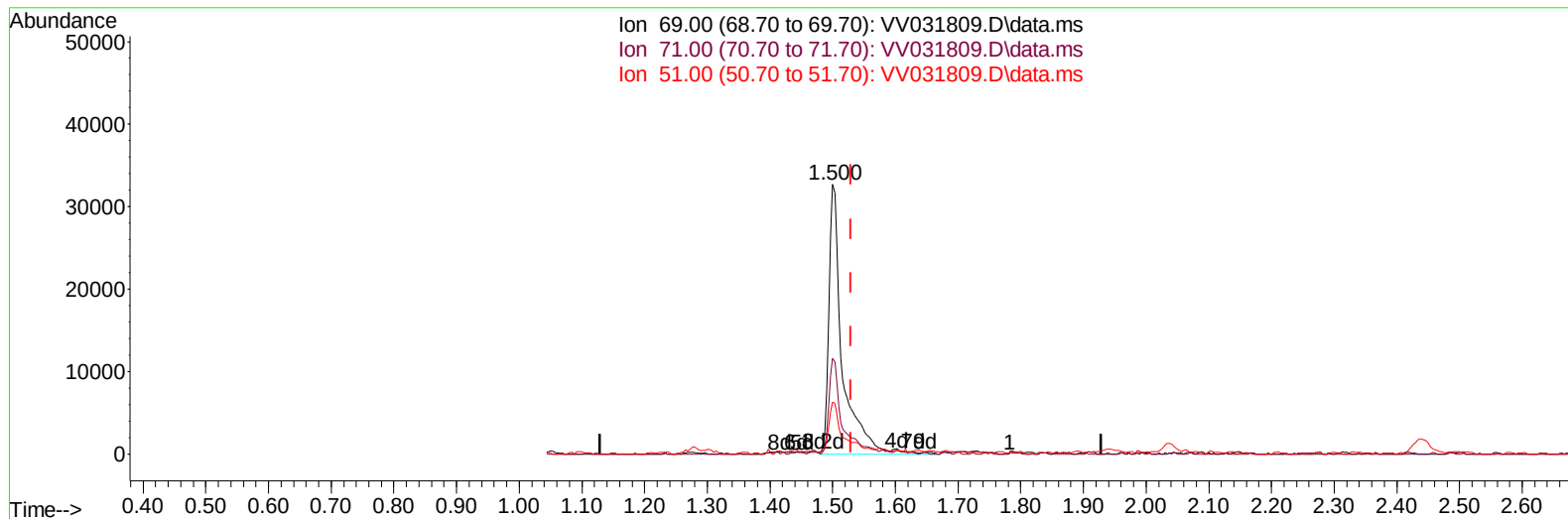
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TIC: VV031809.D\data.ms

(7) Chloroethane-d5 (S)

1.500min (-0.029) 14.04 ug/L m

response 48965

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 69.00 | 100.00 | 100.00 |
| 71.00 | 32.70  | 0.17#  |
| 51.00 | 24.40  | 0.11#  |
| 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        | 5.539    | 114   | 373265   | 50.000 | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.792    | 117   | 391165   | 50.000 | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.194   | 152   | 195104   | 50.000 | ug/L     | 0.00     |
| System Monitoring Compounds   |          |       |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.275    | 65    | 105218   | 27.651 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 60 | - 135 | Recovery | =      | 55.300%# |          |
| 7) Chloroethane-d5            | 1.500    | 69    | 48965m   | 14.042 | ug/L     | -0.03    |
| Spiked Amount 50.000          | Range 70 | - 130 | Recovery | =      | 28.080%# |          |
| 11) 1,1-Dichloroethene-d2     | 2.037    | 65    | 55274    | 31.381 | ug/L     | -0.02    |
| Spiked Amount 50.000          | Range 60 | - 125 | Recovery | =      | 62.760%  |          |
| 21) 2-Butanone-d5             | 3.802    | 46    | 251027   | 95.337 | ug/L     | 0.02     |
| Spiked Amount 100.000         | Range 40 | - 130 | Recovery | =      | 95.340%  |          |
| 24) Chloroform-d              | 4.249    | 84    | 307232   | 39.271 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 125 | Recovery | =      | 78.540%  |          |
| 26) 1,2-Dichloroethane-d4     | 4.944    | 65    | 199019   | 40.886 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 125 | Recovery | =      | 81.780%  |          |
| 32) Benzene-d6                | 4.960    | 84    | 483444   | 39.029 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 125 | Recovery | =      | 78.060%  |          |
| 36) 1,2-Dichloropropane-d6    | 5.992    | 67    | 194087   | 41.714 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 120 | Recovery | =      | 83.420%  |          |
| 41) Toluene-d8                | 7.249    | 98    | 366670   | 35.317 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 80 | - 120 | Recovery | =      | 70.640%# |          |
| 43) trans-1,3-Dichloroprop... | 7.558    | 79    | 76030    | 38.016 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 60 | - 125 | Recovery | =      | 76.040%  |          |
| 47) 2-Hexanone-d5             | 8.043    | 63    | 154822   | 88.733 | ug/L     | 0.02     |
| Spiked Amount 100.000         | Range 45 | - 130 | Recovery | =      | 88.730%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.162   | 84    | 295328   | 46.067 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 65 | - 120 | Recovery | =      | 92.140%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.567   | 152   | 185926   | 47.066 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 80 | - 120 | Recovery | =      | 94.140%  |          |
| Target Compounds              |          |       |          |        |          |          |
|                               |          |       |          |        | Qvalue   |          |
| 13) Acetone                   | 2.130    | 43    | 9175     | 3.640  | ug/L     | 88       |
| 15) Methyl Acetate            | 2.381    | 43    | 52927    | 12.059 | ug/L     | 100      |
| 16) Methylene chloride        | 2.439    | 84    | 8500     | 2.103  | ug/L     | 94       |
| -----                         |          |       |          |        |          |          |

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

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