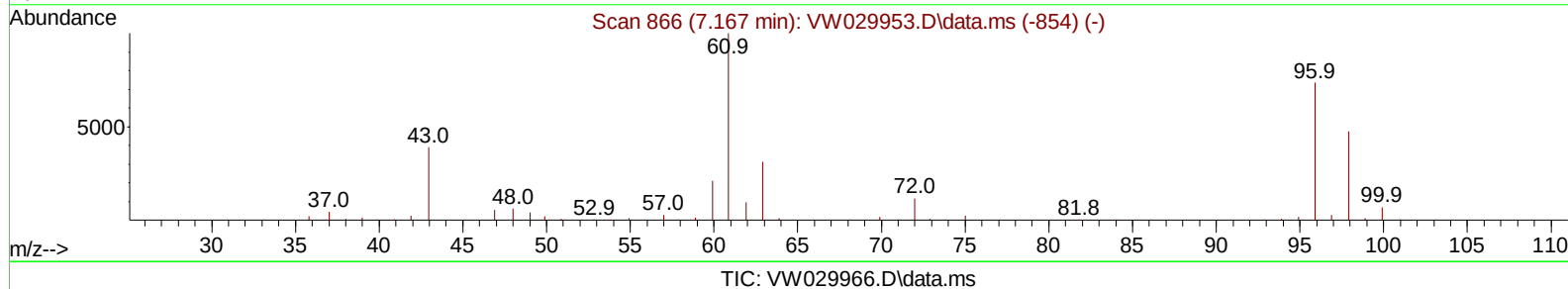
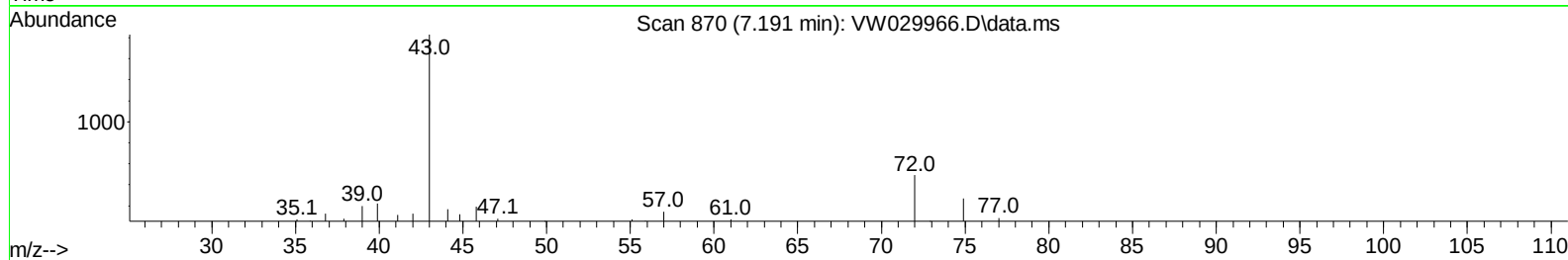
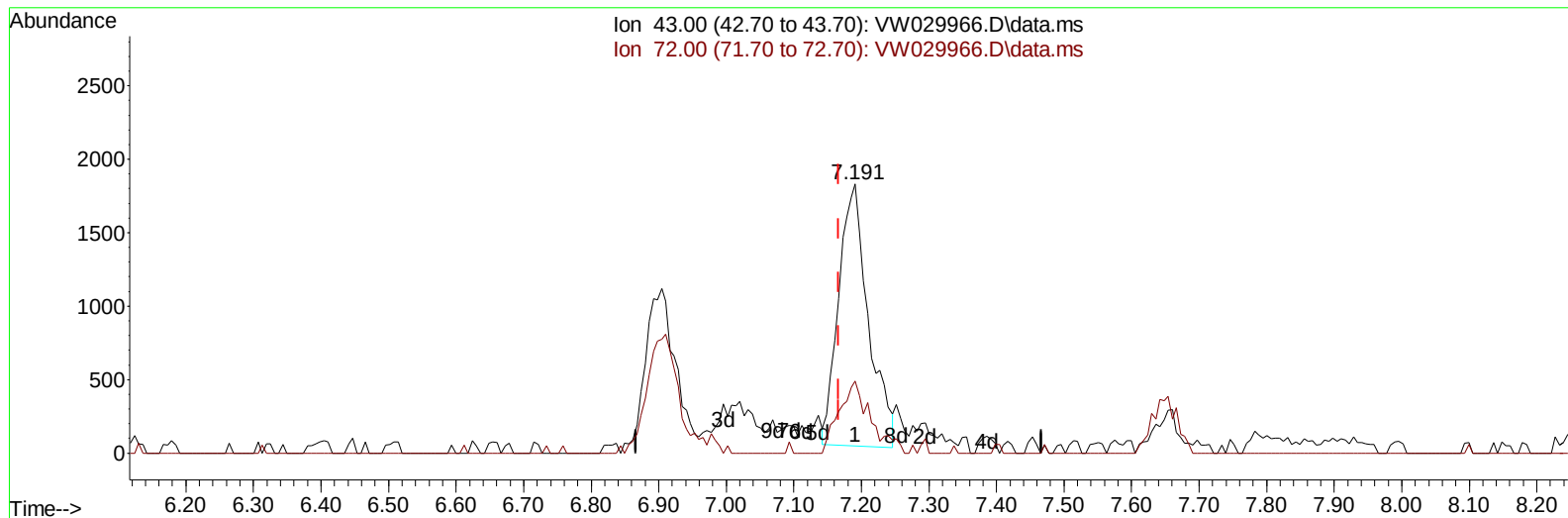


Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082024\  
Data File : VW029966.D  
Acq On : 20 Aug 2024 18:08  
Operator : SY/MD  
Sample : P3675-02  
Misc : 3.93g/10mL/MSVOA\_W/SOIL/A  
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 21 00:48:16 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM072424SMA.M  
Quant Title : SFAM01.0  
QLast Update : Wed Aug 21 00:44:34 2024  
Response via : Initial Calibration



**(22) 2-Butanone (T)**

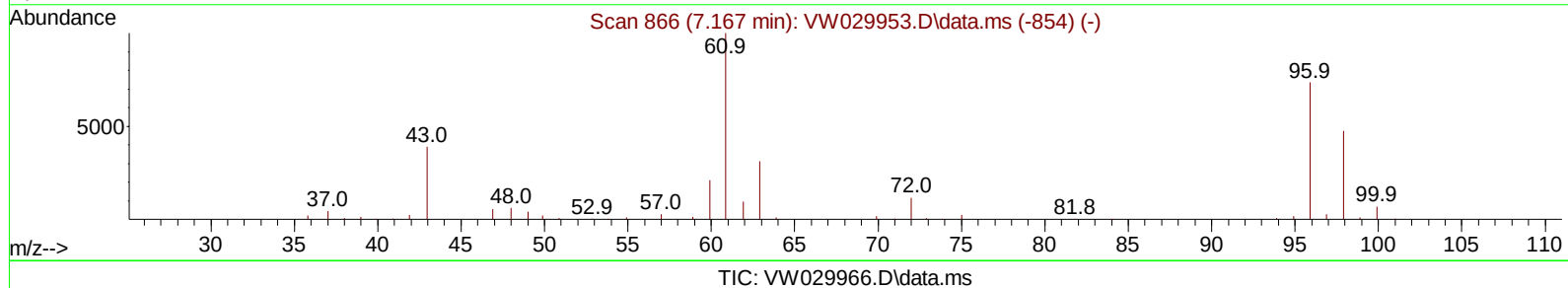
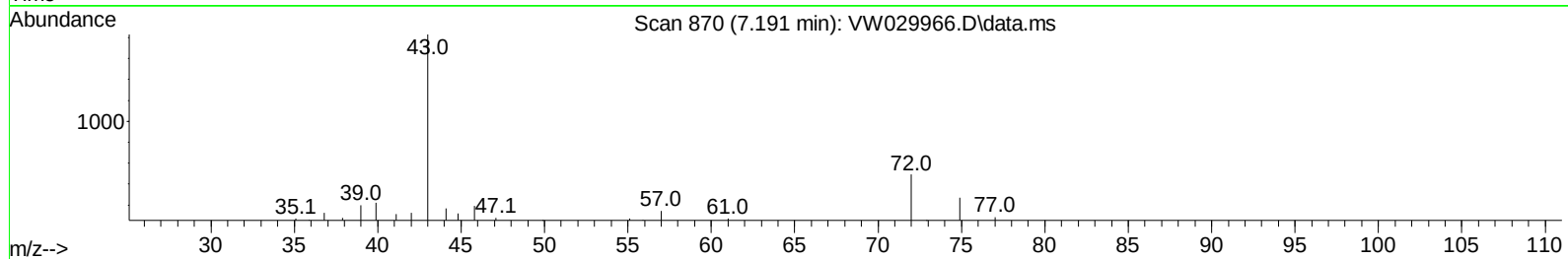
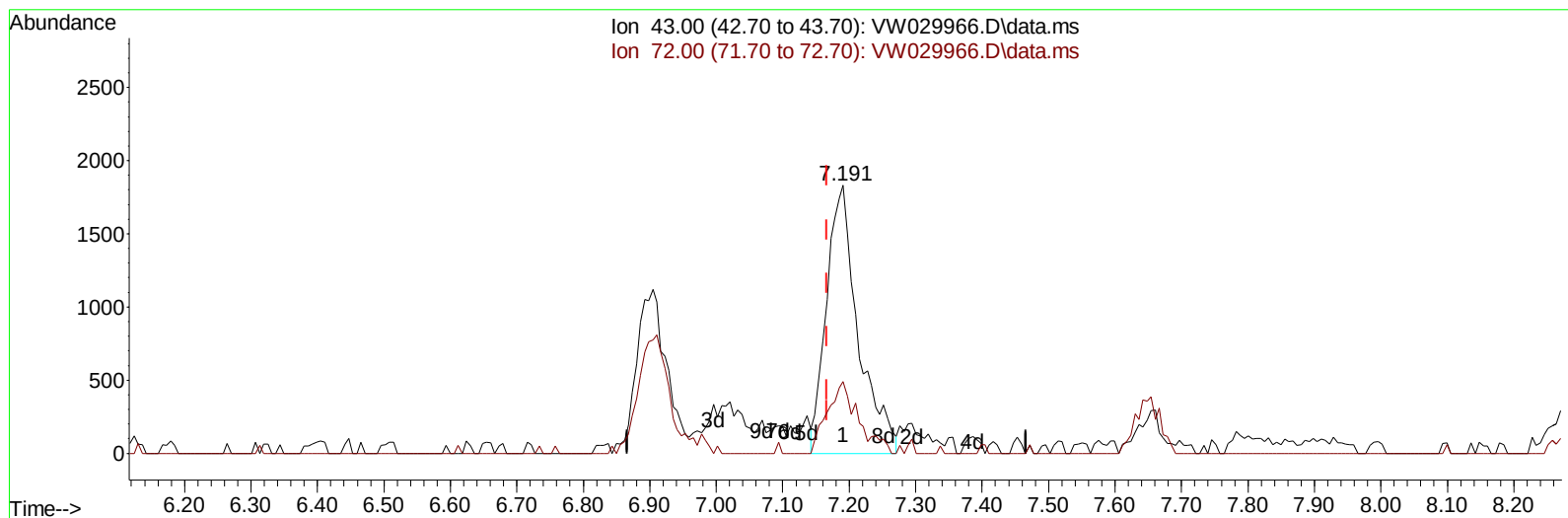
**7.191min (+ 0.024) 3.66 ug/L**

**response 5431**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 72.00 | 23.40  | 26.13  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082024\  
Data File : VW029966.D  
Acq On : 20 Aug 2024 18:08  
Operator : SY/MD  
Sample : P3675-02  
Misc : 3.93g/10mL/MSVOA\_W/SOIL/A  
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 21 00:48:16 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM072424SMA.M  
Quant Title : SFAM01.0  
QLast Update : Wed Aug 21 00:44:34 2024  
Response via : Initial Calibration



(22) 2-Butanone (T)

7.191min (+ 0.024) 4.07 ug/L m

response 6038

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 72.00 | 23.40  | 23.50  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082024\  
 Data File : VW029966.D  
 Acq On : 20 Aug 2024 18:08  
 Operator : SY/MD  
 Sample : P3675-02  
 Misc : 3.93g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 21 00:48:16 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM072424SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Aug 21 00:44:34 2024  
 Response via : Initial Calibration

| Compound                      | R.T.     | QIon  | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|----------|-------|----------|--------|----------|----------|
| -----                         |          |       |          |        |          |          |
| Internal Standards            |          |       |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 8.843    | 114   | 239257   | 25.000 | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 11.629   | 117   | 181018   | 25.000 | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556   | 152   | 53725    | 25.000 | ug/L     | 0.00     |
| System Monitoring Compounds   |          |       |          |        |          |          |
| 4) Vinyl Chloride-d3          | 2.369    | 65    | 62219    | 18.318 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 73.280%  |          |
| 7) Chloroethane-d5            | 2.905    | 69    | 55830    | 23.023 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 92.080%  |          |
| 11) 1,1-Dichloroethene-d2     | 4.021    | 65    | 26704    | 17.223 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 | Recovery | =      | 68.880%  |          |
| 21) 2-Butanone-d5             | 7.087    | 46    | 35631    | 38.273 | ug/L     | 0.01     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 76.540%  |          |
| 24) Chloroform-d              | 7.648    | 84    | 134027   | 21.640 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 | Recovery | =      | 86.560%  |          |
| 26) 1,2-Dichloroethane-d4     | 8.307    | 65    | 78033    | 22.120 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 | Recovery | =      | 88.480%  |          |
| 32) Benzene-d6                | 8.276    | 84    | 236165   | 24.146 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 | Recovery | =      | 96.600%  |          |
| 36) 1,2-Dichloropropane-d6    | 9.270    | 67    | 76842    | 24.605 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 | Recovery | =      | 98.400%  |          |
| 41) Toluene-d8                | 10.325   | 98    | 188079   | 21.627 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 | Recovery | =      | 86.520%  |          |
| 43) trans-1,3-Dichloroprop... | 10.575   | 79    | 27926    | 22.098 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 | Recovery | =      | 88.400%  |          |
| 47) 2-Hexanone-d5             | 10.922   | 63    | 26363    | 51.194 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 102.380% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690   | 84    | 57272    | 24.698 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 | Recovery | =      | 98.800%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.848   | 152   | 32522    | 19.495 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 | Recovery | =      | 78.000%  |          |
| Target Compounds              |          |       |          |        |          |          |
|                               |          |       |          |        | Qvalue   |          |
| 13) Acetone                   | 4.143    | 43    | 90115    | 77.889 | ug/L     | 96       |
| 15) Methyl Acetate            | 4.685    | 43    | 6653     | 3.452  | ug/L #   | 86       |
| 22) 2-Butanone                | 7.191    | 43    | 6038m    | 4.073  | ug/L     |          |
| 42) Toluene                   | 10.386   | 91    | 18235    | 1.440  | ug/L     | 99       |
| -----                         |          |       |          |        |          |          |

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

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