

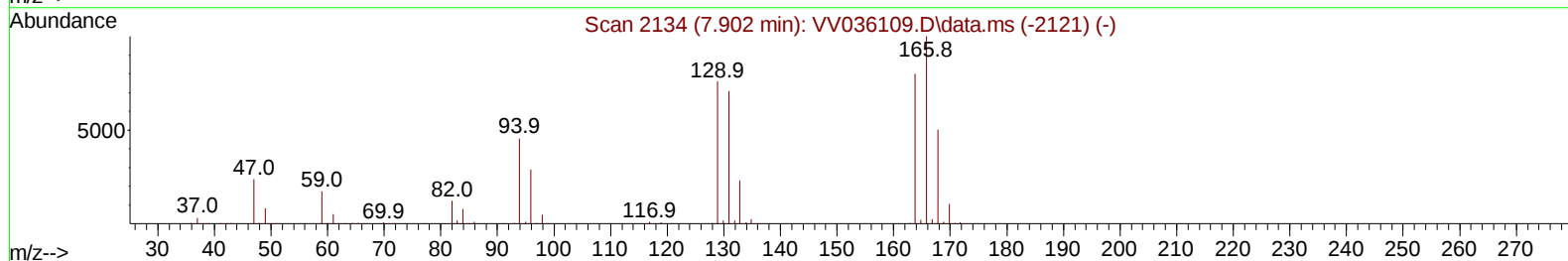
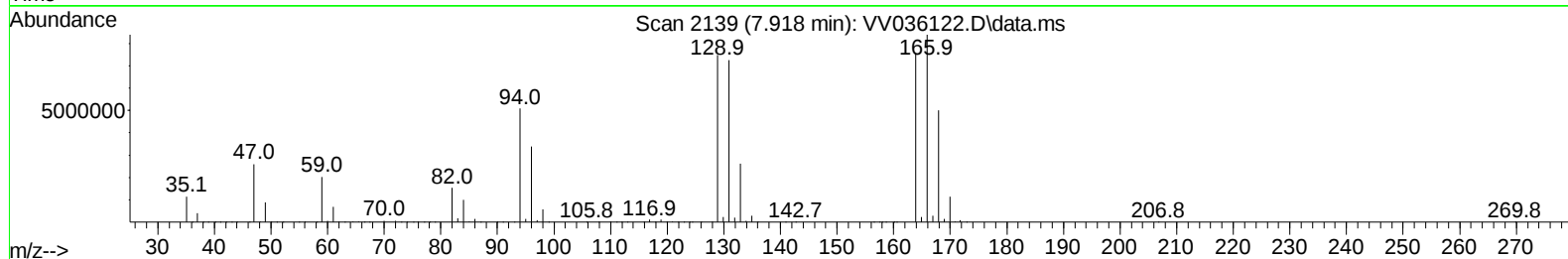
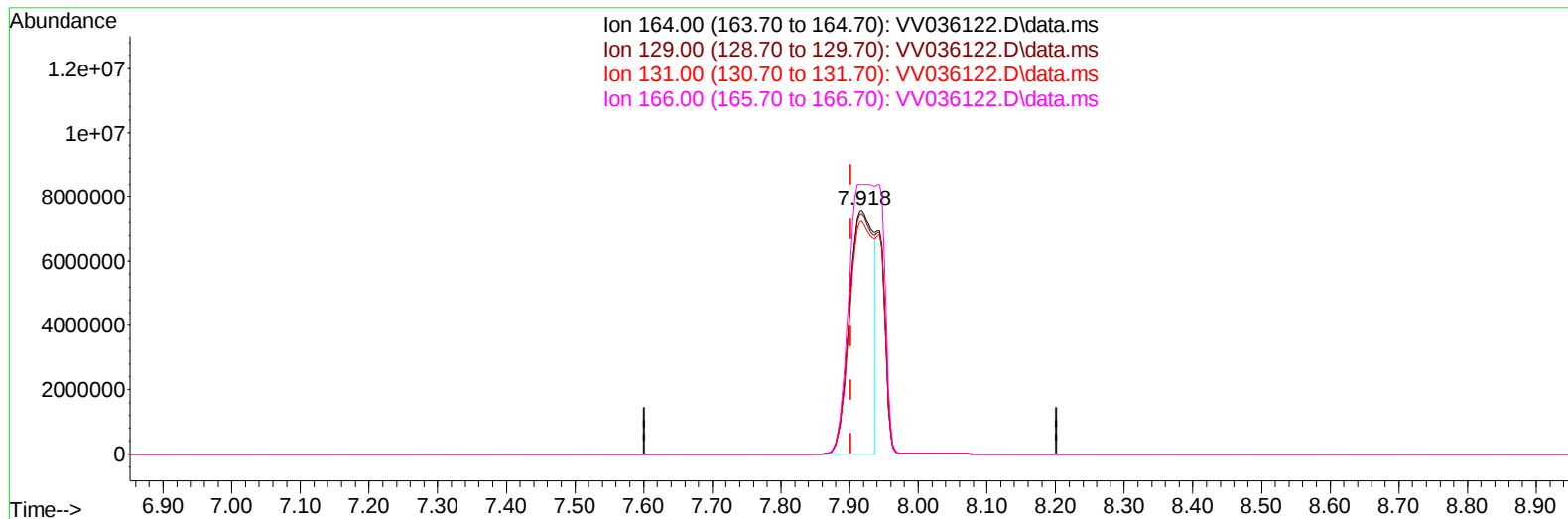
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV061824\  
Data File : VV036122.D  
Acq On : 18 Jun 2024 16:26  
Operator : SY/MD  
Sample : P2873-13  
Misc : 3.99g/10.0mL/MSVOA\_V/SOIL/A  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
C0SK1

Manual IntegrationsAPPROVED

Quant Time: Jun 19 05:25:51 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM053024SMA.M  
Quant Title : VOC Analysis  
QLast Update : Wed Jun 19 03:24:16 2024  
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 06/24/2024  
Supervised By :Semsettin Yesilyurt 06/24/2024



TIC: VV036122.D\data.ms

**(46) Tetrachloroethene (T)**

7.918min (+ 0.016) 5544.98 ug/L

response 18535679

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 164.00 | 100.00 | 100.00 |
| 129.00 | 92.30  | 98.80  |
| 131.00 | 90.30  | 95.70  |
| 166.00 | 127.90 | 110.88 |

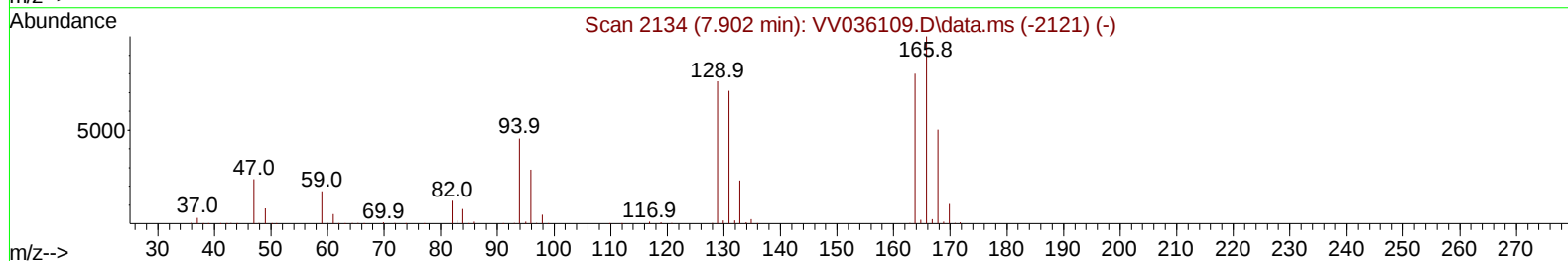
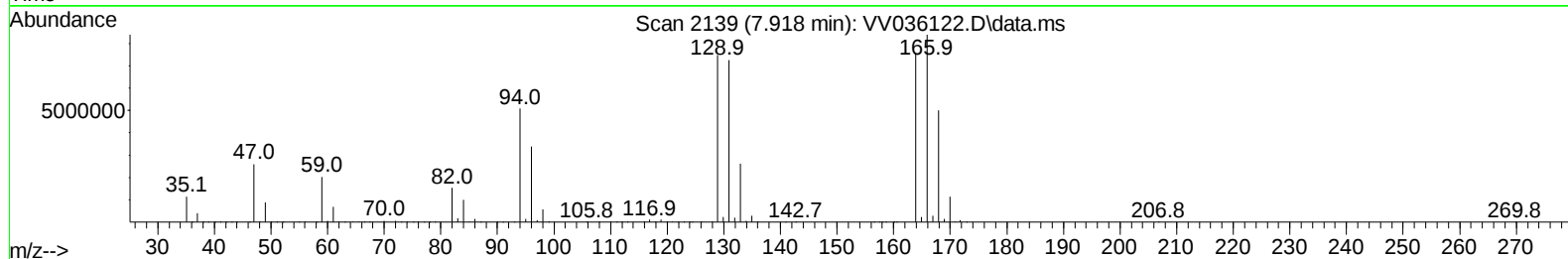
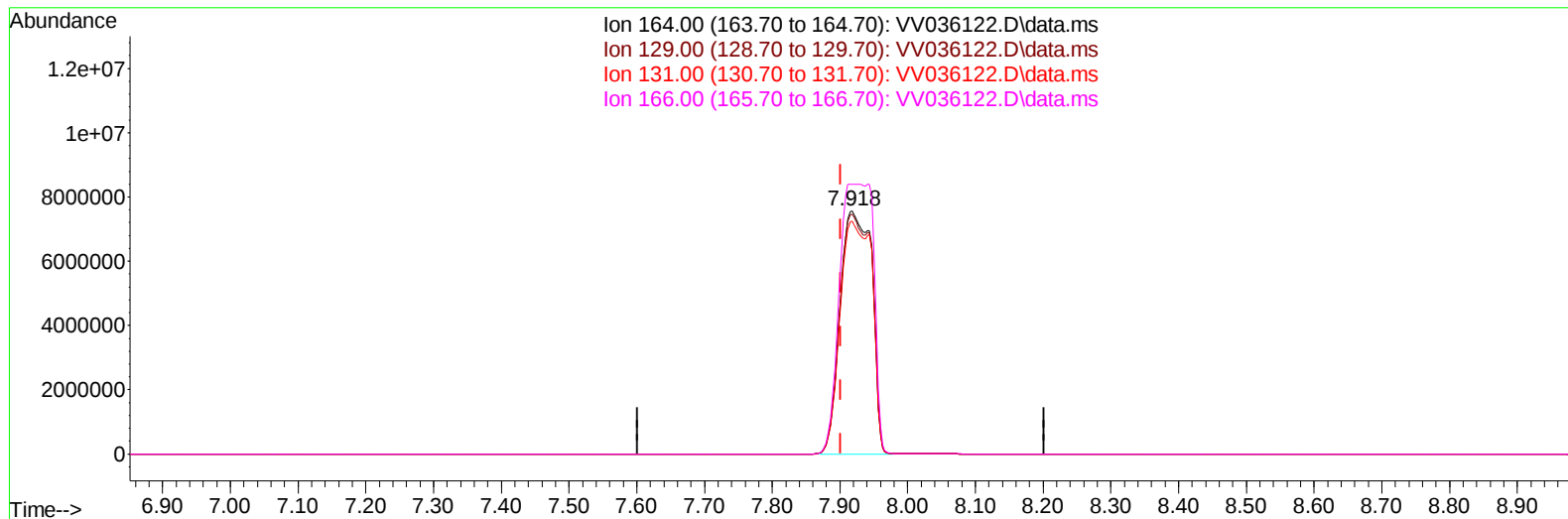
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TIC: VV036122.D\data.ms

**(46) Tetrachloroethene (T)**

7.918min (+ 0.016) 7347.76 ug/L m

response 24561969

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 164.00 | 100.00 | 100.00 |
| 129.00 | 92.30  | 98.80  |
| 131.00 | 90.30  | 95.70  |
| 166.00 | 127.90 | 110.88 |

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Manual IntegrationsAPPROVED

Quant Time: Jun 19 05:25:51 2024  
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 Quant Title : VOC Analysis  
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| Compound                      | R.T.     | QIon  | Response  | Conc     | Units     | Dev(Min) |
|-------------------------------|----------|-------|-----------|----------|-----------|----------|
| -----                         |          |       |           |          |           |          |
| Internal Standards            |          |       |           |          |           |          |
| 1) 1,4-Difluorobenzene        | 5.532    | 114   | 353861    | 25.000   | ug/L      | 0.00     |
| 28) Chlorobenzene-d5          | 8.786    | 117   | 228016    | 25.000   | ug/L      | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.188   | 152   | 45782     | 25.000   | ug/L      | 0.00     |
| System Monitoring Compounds   |          |       |           |          |           |          |
| 4) Vinyl Chloride-d3          | 1.272    | 65    | 161494    | 24.823   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery  | =        | 99.280%   |          |
| 7) Chloroethane-d5            | 1.526    | 69    | 129360    | 24.937   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery  | =        | 99.760%   |          |
| 11) 1,1-Dichloroethene-d2     | 2.047    | 65    | 68907     | 23.792   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 | Recovery  | =        | 95.160%   |          |
| 21) 2-Butanone-d5             | 3.831    | 46    | 74156     | 49.681   | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery  | =        | 99.360%   |          |
| 24) Chloroform-d              | 4.243    | 84    | 257764    | 22.912   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 | Recovery  | =        | 91.640%   |          |
| 26) 1,2-Dichloroethane-d4     | 4.937    | 65    | 159290    | 27.005   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 | Recovery  | =        | 108.040%  |          |
| 32) Benzene-d6                | 4.957    | 84    | 460159    | 33.951   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 | Recovery  | =        | 135.800%# |          |
| 36) 1,2-Dichloropropane-d6    | 5.986    | 67    | 157900    | 36.994   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 | Recovery  | =        | 147.960%# |          |
| 41) Toluene-d8                | 7.243    | 98    | 298601    | 24.969   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 | Recovery  | =        | 99.880%   |          |
| 43) trans-1,3-Dichloroprop... | 7.558    | 79    | 53368     | 30.495   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 | Recovery  | =        | 121.960%  |          |
| 47) 2-Hexanone-d5             | 8.034    | 63    | 48049     | 83.089   | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery  | =        | 166.180%# |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153   | 84    | 94286     | 29.561   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 | Recovery  | =        | 118.240%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.561   | 152   | 35681     | 21.253   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 | Recovery  | =        | 85.000%   |          |
| Target Compounds              |          |       |           |          |           |          |
|                               |          |       |           |          | Qvalue    |          |
| 13) Acetone                   | 2.146    | 43    | 25149     | 10.816   | ug/L #    | 58       |
| 16) Methylene chloride        | 2.439    | 84    | 46980     | 5.867    | ug/L      | 98       |
| 34) Trichloroethene           | 5.825    | 95    | 3373882   | 738.172  | ug/L      | 98       |
| 42) Toluene                   | 7.317    | 91    | 151767    | 9.960    | ug/L      | 98       |
| 46) Tetrachloroethene         | 7.918    | 164   | 24561969m | 7347.756 | ug/L      |          |
| 52) Ethylbenzene              | 8.944    | 91    | 2589557   | 158.834  | ug/L      | 99       |
| 53) m,p-Xylene                | 9.069    | 106   | 3035365   | 495.489  | ug/L      | 97       |
| 54) o-Xylene                  | 9.474    | 106   | 1264369   | 218.861  | ug/L      | 99       |
| 60) Isopropylbenzene          | 9.870    | 105   | 13190     | 2.246    | ug/L      | 98       |
| 62) 1,3,5-Trimethylbenzene    | 10.477   | 105   | 22982     | 5.396    | ug/L      | 95       |
| 63) 1,2,4-Trimethylbenzene    | 10.850   | 105   | 113095    | 24.645   | ug/L      | 99       |
| -----                         |          |       |           |          |           |          |

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

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