

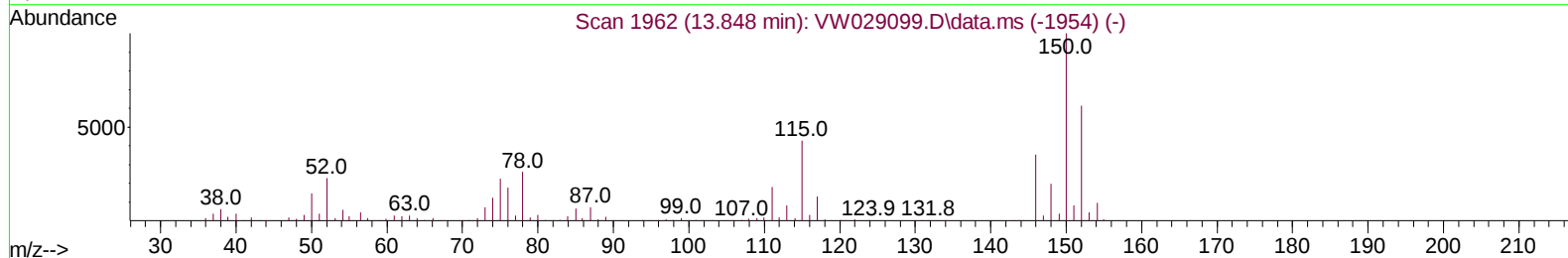
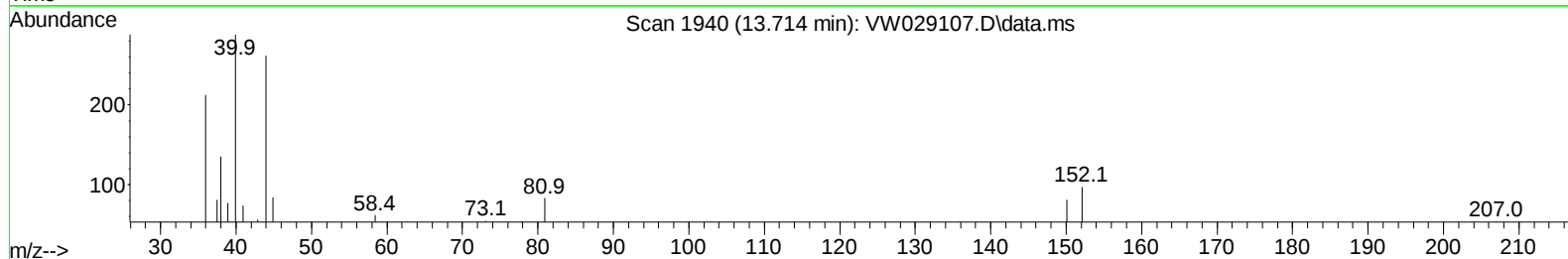
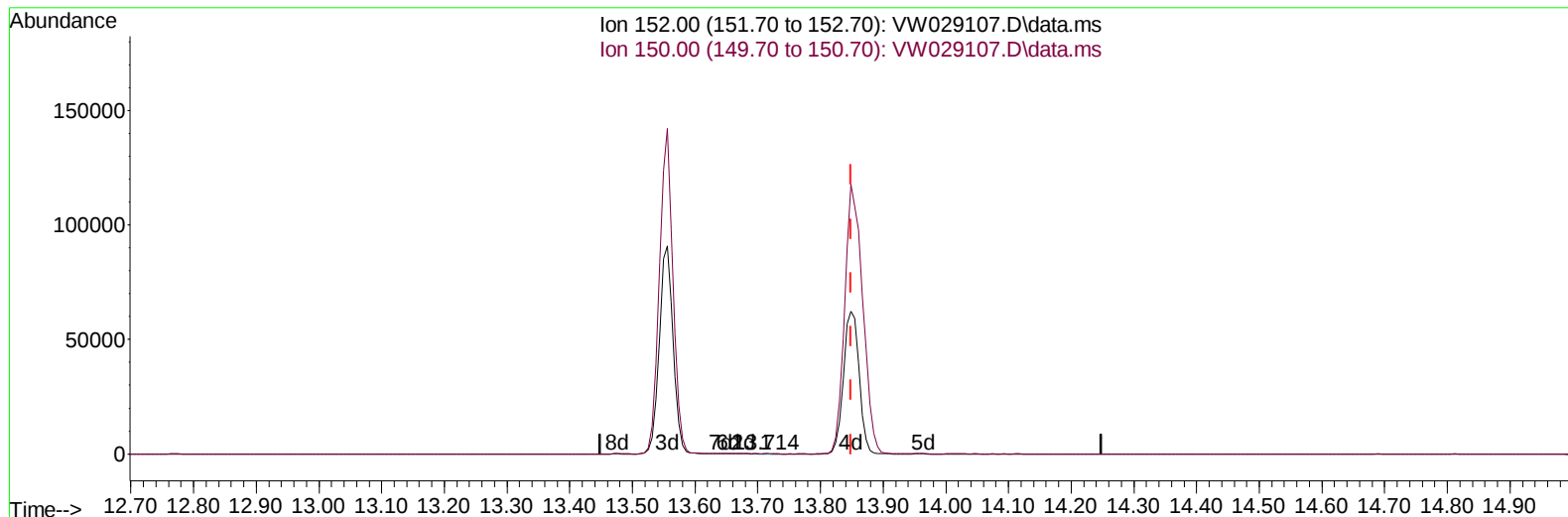
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW061224\  
Data File : VW029107.D  
Acq On : 12 Jun 2024 15:14  
Operator : SY/MD  
Sample : P2844-01  
Misc : 5.00g/10mL/MSVOA\_W/SOIL/A  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
A4DG1

Manual IntegrationsAPPROVED

Quant Time: Jun 13 00:50:40 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM060324SMA.M  
Quant Title : SFAM01.0  
QLast Update : Thu Jun 13 00:47:39 2024  
Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 06/13/2024  
Supervised By :Mahesh Dadoda 06/13/2024



TIC: VW029107.D\data.ms

(66) 1,2-Dichlorobenzene-d4 (S)

13.714min (-0.134) 0.01 ug/L

response 68

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 152.00 | 100.00 | 100.00 |
| 150.00 | 160.30 | 125.00 |
| 0.00   | 0.00   | 0.00   |
| 0.00   | 0.00   | 0.00   |

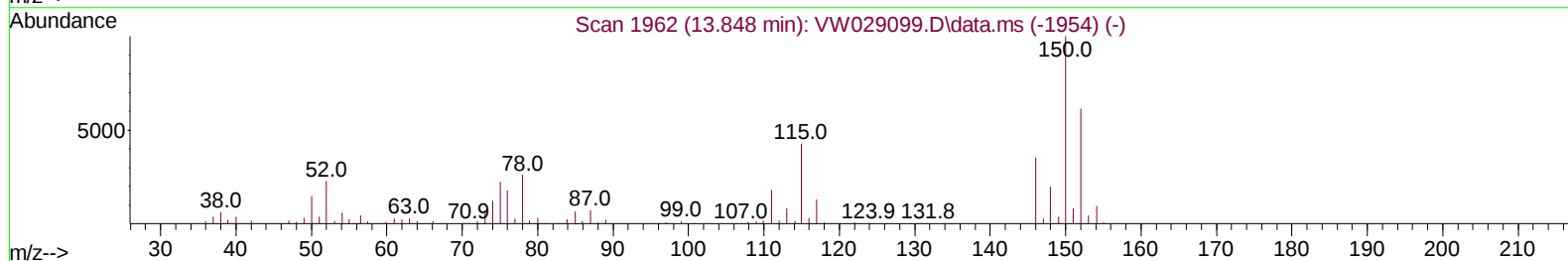
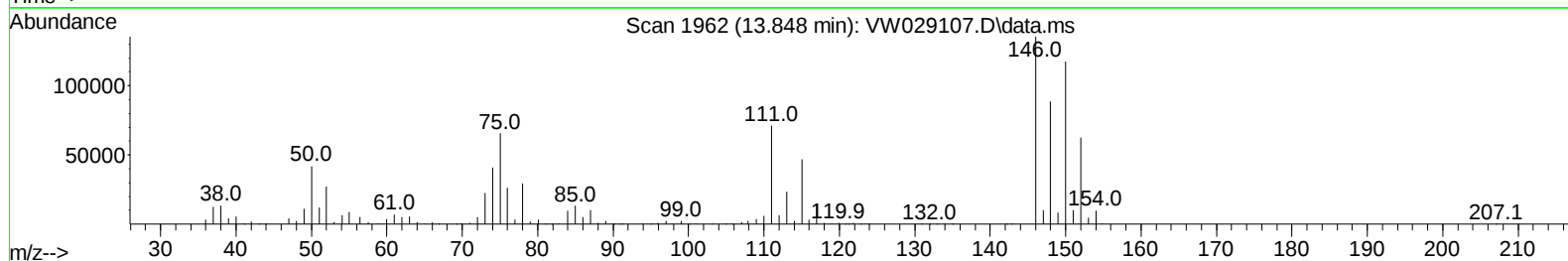
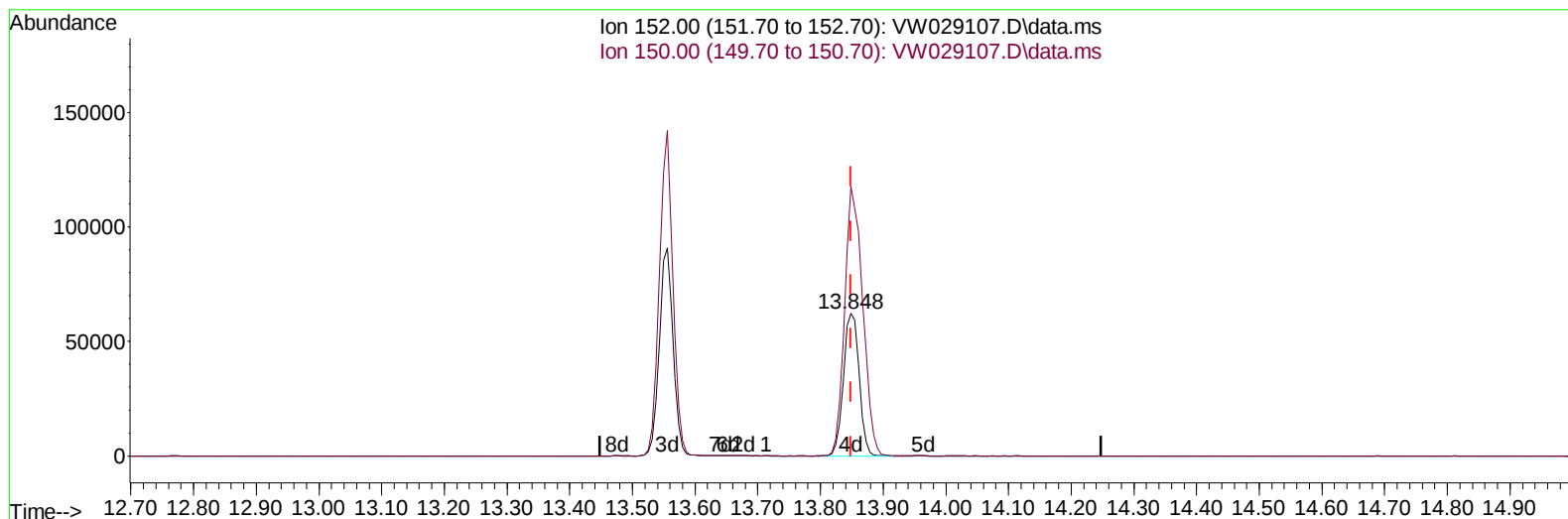
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TIC: VW029107.D\data.ms

(66) 1,2-Dichlorobenzene-d4 (S)

13.848min ( 0.000) 21.89 ug/L m

response 108334

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 152.00 | 100.00 | 100.00 |
| 150.00 | 160.30 | 0.08#  |
| 0.00   | 0.00   | 0.00   |
| 0.00   | 0.00   | 0.00   |

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Manual IntegrationsAPPROVED

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| Compound                      | R.T.     | QIon  | Response | Conc    | Units    | Dev(Min) |
|-------------------------------|----------|-------|----------|---------|----------|----------|
| -----                         |          |       |          |         |          |          |
| Internal Standards            |          |       |          |         |          |          |
| 1) 1,4-Difluorobenzene        | 8.843    | 114   | 315089   | 25.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 11.629   | 117   | 294811   | 25.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556   | 152   | 139460   | 25.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |          |       |          |         |          |          |
| 4) Vinyl Chloride-d3          | 2.363    | 65    | 88326    | 17.645  | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =       | 70.600%  |          |
| 7) Chloroethane-d5            | 2.899    | 69    | 71122    | 18.503  | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =       | 74.000%  |          |
| 11) 1,1-Dichloroethene-d2     | 4.021    | 65    | 40476    | 18.397  | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 | Recovery | =       | 73.600%  |          |
| 21) 2-Butanone-d5             | 7.075    | 46    | 53179    | 51.997  | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =       | 104.000% |          |
| 24) Chloroform-d              | 7.648    | 84    | 207900   | 23.128  | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 | Recovery | =       | 92.520%  |          |
| 26) 1,2-Dichloroethane-d4     | 8.307    | 65    | 100847   | 21.309  | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 | Recovery | =       | 85.240%  |          |
| 32) Benzene-d6                | 8.276    | 84    | 360864   | 19.943  | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 | Recovery | =       | 79.760%  |          |
| 36) 1,2-Dichloropropane-d6    | 9.270    | 67    | 114139   | 20.804  | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 | Recovery | =       | 83.200%  |          |
| 41) Toluene-d8                | 10.319   | 98    | 321506   | 19.911  | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 | Recovery | =       | 79.640%  |          |
| 43) trans-1,3-Dichloroprop... | 10.575   | 79    | 43843    | 20.797  | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 | Recovery | =       | 83.200%  |          |
| 47) 2-Hexanone-d5             | 10.922   | 63    | 37311    | 51.535  | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =       | 103.080% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690   | 84    | 91265    | 23.946  | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 | Recovery | =       | 95.800%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.848   | 152   | 108334m  | 21.891  | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 | Recovery | =       | 87.560%  |          |
| Target Compounds              |          |       |          |         |          |          |
|                               |          |       |          |         | Qvalue   |          |
| 13) Acetone                   | 4.125    | 43    | 75927    | 70.843  | ug/L     | 100      |
| 16) Methylene chloride        | 4.917    | 84    | 332395   | 70.289  | ug/L     | 96       |
| 18) Methyl tert-butyl Ether   | 5.429    | 73    | 326930   | 53.990  | ug/L     | 99       |
| 22) 2-Butanone                | 7.167    | 43    | 210870   | 163.277 | ug/L     | 96       |
| 25) Chloroform                | 7.679    | 83    | 610605   | 73.638  | ug/L     | 98       |
| 31) Carbon tetrachloride      | 8.069    | 117   | 485595   | 78.047  | ug/L     | 96       |
| 33) Benzene                   | 8.325    | 78    | 435312   | 23.747  | ug/L     | 100      |
| 34) Trichloroethene           | 9.093    | 95    | 471409   | 97.816  | ug/L     | 94       |
| 38) Bromodichloromethane      | 9.642    | 83    | 588020   | 100.438 | ug/L #   | 94       |
| 39) cis-1,3-Dichloropropene   | 10.069   | 75    | 105631   | 15.141  | ug/L     | 99       |
| 40) 4-Methyl-2-pentanone      | 10.209   | 43    | 272985   | 111.802 | ug/L     | 99       |
| 44) trans-1,3-Dichloropropene | 10.605   | 75    | 331251   | 58.898  | ug/L     | 99       |
| 45) 1,1,2-Trichloroethane     | 10.782   | 97    | 269597   | 83.156  | ug/L     | 97       |
| 49) Dibromochloromethane      | 11.123   | 129   | 153676   | 44.878  | ug/L     | 95       |
| 50) 1,2-Dibromoethane         | 11.233   | 107   | 257046   | 86.853  | ug/L     | 99       |
| 51) Chlorobenzene             | 11.654   | 112   | 387068   | 32.176  | ug/L     | 98       |
| 52) Ethylbenzene              | 11.727   | 91    | 419180   | 19.701  | ug/L     | 96       |
| 53) m,p-Xylene                | 11.831   | 106   | 424278   | 53.837  | ug/L     | 89       |

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| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 54) o-Xylene                  | 12.160 | 106  | 688999   | 94.419  | ug/L  | 98       |
| 55) Styrene                   | 12.178 | 104  | 818294   | 65.042  | ug/L  | 96       |
| 57) 1,1,2,2-Tetrachloroethane | 12.708 | 83   | 158177   | 43.219  | ug/L  | 97       |
| 61) 1,2,3-Trichloropropane    | 12.763 | 75   | 280045   | 106.456 | ug/L  | 99       |
| 67) 1,2-Dichlorobenzene       | 13.867 | 146  | 732519   | 96.359  | ug/L  | 94       |
| 70) 1,2,4-trichlorobenzene    | 15.129 | 180  | 118016   | 25.004  | ug/L  | 98       |

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

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