

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW091123\  
 Data File : VW027043.D  
 Acq On : 11 Sep 2023 20:49  
 Operator : SY/MD  
 Sample : 04387-06  
 Misc : 2.57g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0AB1

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/12/2023  
 Supervised By :Mahesh Dadoda 09/13/2023

Quant Time: Sep 12 01:16:28 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM090523SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Sep 09 02:59:49 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 698817   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 527386   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 146365   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 137524   | 11.015   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 44.080%  |
| 7) Chloroethane-d5            | 2.893  | 69    | 147376   | 14.626   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 58.520%  |
| 11) 1,1-Dichloroethene-d2     | 4.027  | 65    | 52718    | 11.458   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 45.840%  |
| 21) 2-Butanone-d5             | 7.075  | 46    | 57525    | 23.913   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 47.820%  |
| 24) Chloroform-d              | 7.648  | 84    | 397393   | 19.110   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 76.440%  |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 199119m  | 18.218   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 72.880%  |
| 32) Benzene-d6                | 8.276  | 84    | 718483   | 20.770   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 83.080%  |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 237022   | 23.339   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 93.360%  |
| 41) Toluene-d8                | 10.325 | 98    | 538963   | 17.209   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 68.840%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 32216    | 8.175    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 32.680%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 9497     | 10.017   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 20.040%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 165272   | 20.971   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 83.880%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 98669    | 19.491   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 77.960%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 4.124  | 43    | 39937    | 18.960   | ug/L   | 96       |
| 15) Methyl Acetate            | 4.679  | 43    | 9399     | 2.146    | ug/L # | 93       |
| -----                         |        |       |          |          |        |          |

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

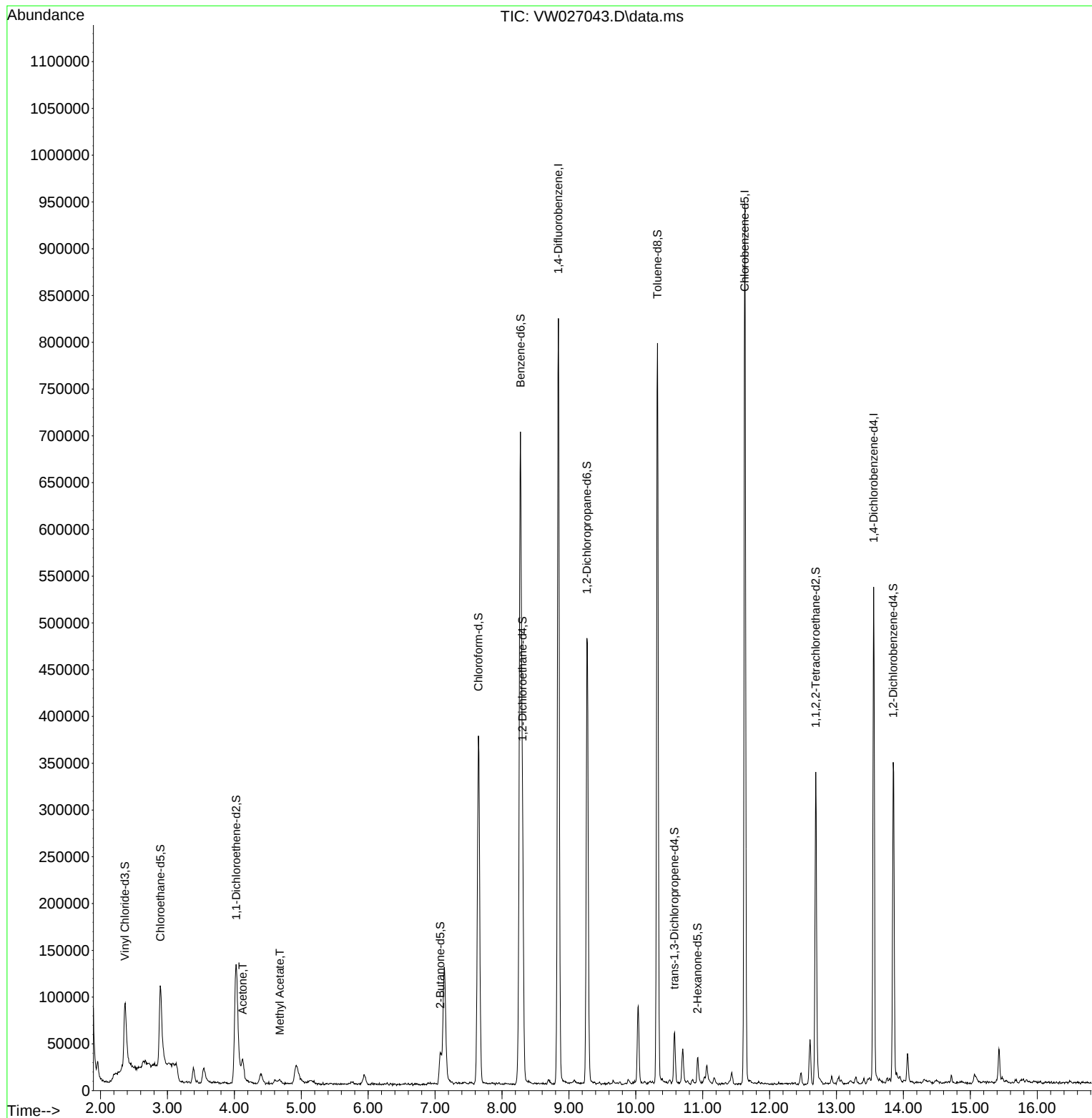
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW091123\  
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ALS Vial : 1 Sample Multiplier: 1

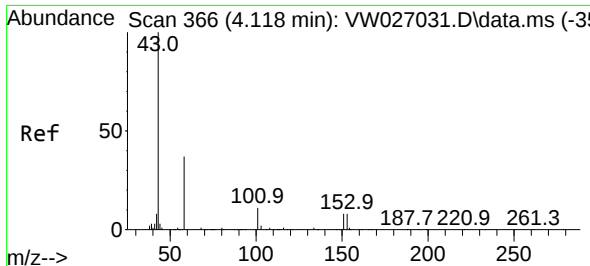
Instrument :  
MSVOA\_W  
ClientSampleId :  
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Supervised By : Mahesh Dadoda 09/13/2023

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Quant Title : SFAM01.0  
QLast Update : Sat Sep 09 02:59:49 2023  
Response via : Initial Calibration





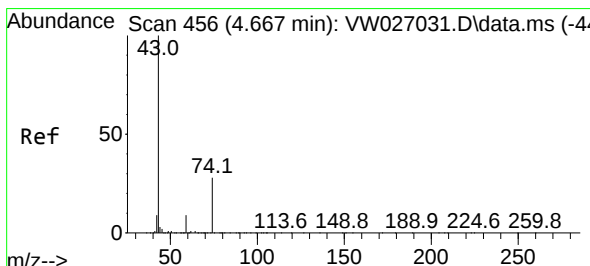
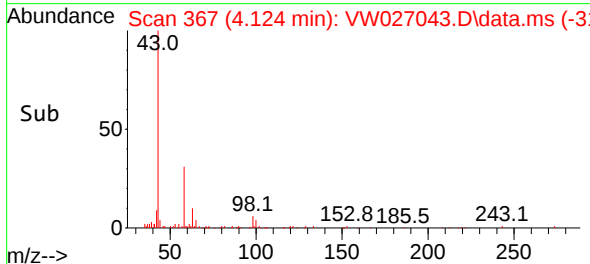
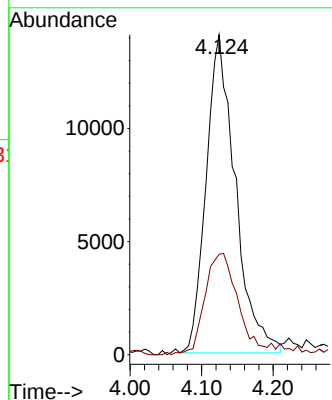
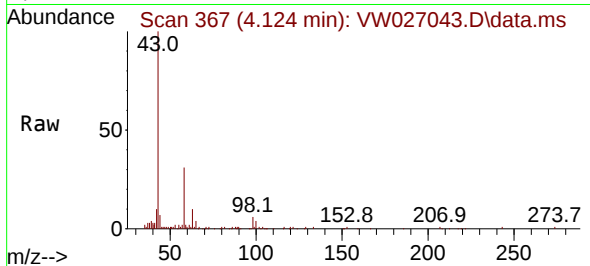
#13  
Acetone  
Concen: 18.960 ug/L  
RT: 4.124 min Scan# 30  
Delta R.T. 0.006 min  
Lab File: VW027043.D  
Acq: 11 Sep 2023 20:49

Instrument :  
MSVOA\_W  
ClientSampleId :  
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Tgt Ion: 43 Resp: 3993  
Ion Ratio Lower Upper  
43 100  
58 35.7 0.0 66.4

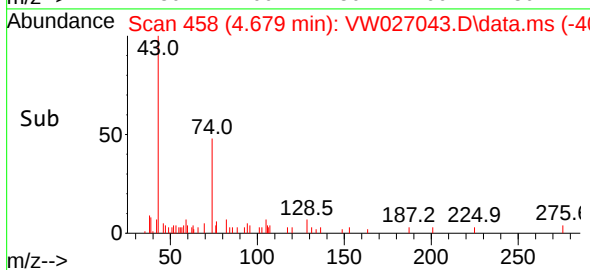
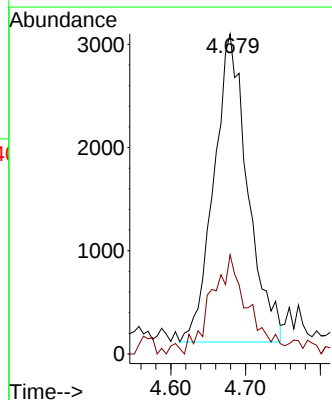
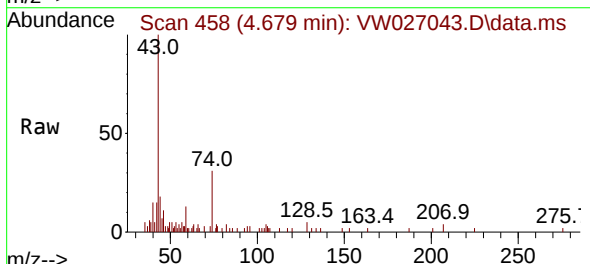
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Supervised By :Mahesh Dadoda 09/13/2023



#15  
Methyl Acetate  
Concen: 2.146 ug/L  
RT: 4.679 min Scan# 458  
Delta R.T. 0.006 min  
Lab File: VW027043.D  
Acq: 11 Sep 2023 20:49

Tgt Ion: 43 Resp: 9399  
Ion Ratio Lower Upper  
43 100  
74 16.7 0.1 0.1#



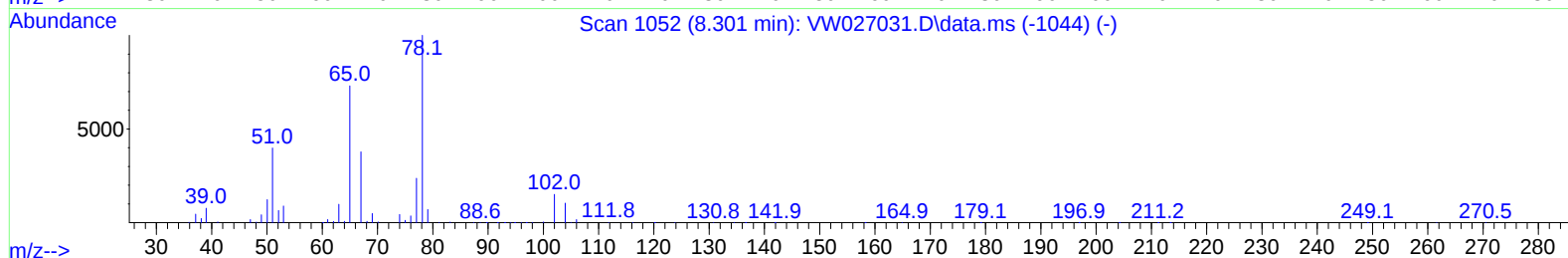
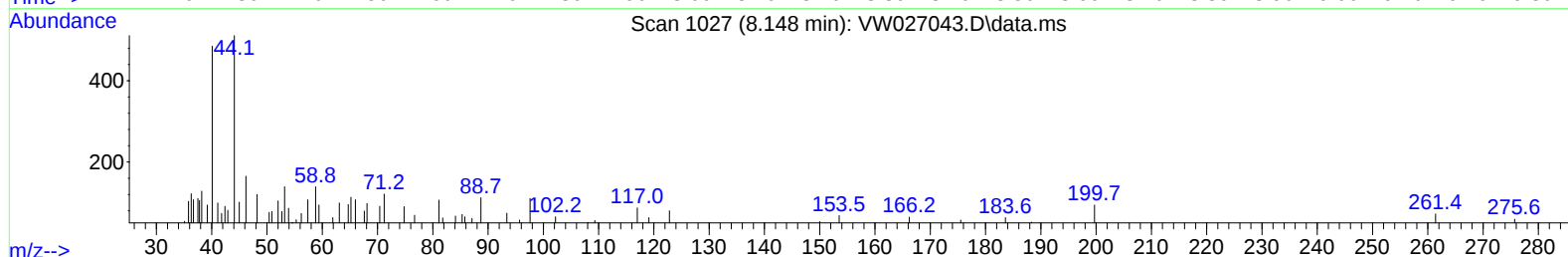
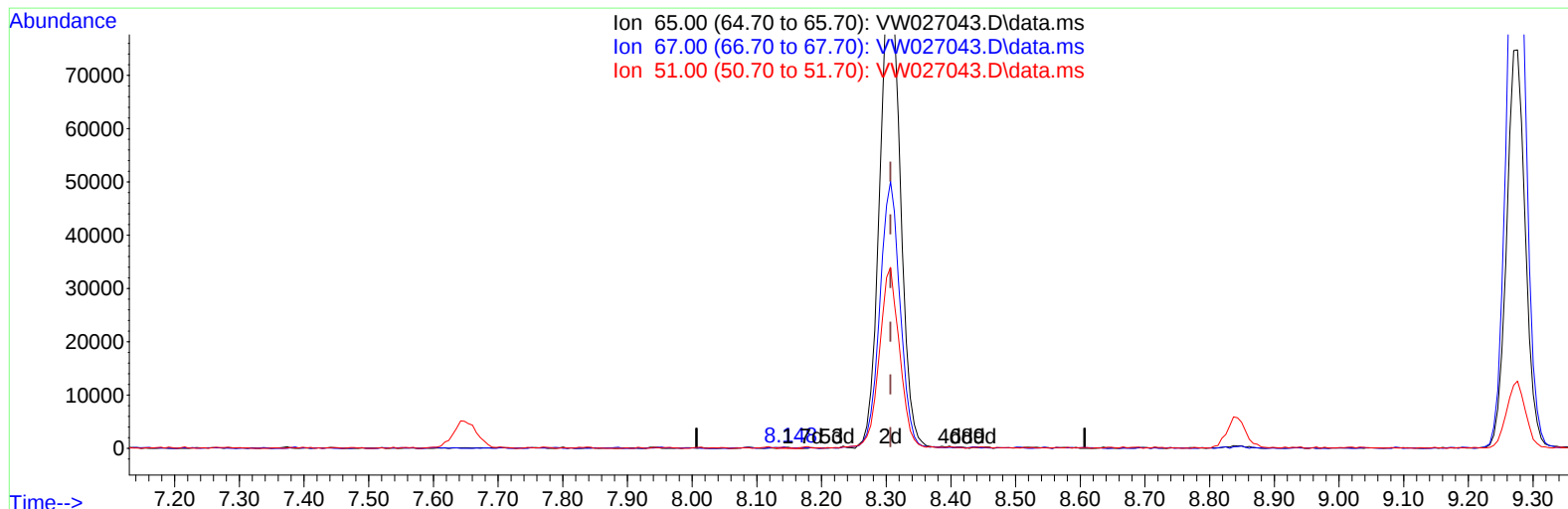
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 Quant Title : SFAM01.0  
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TIC: VW027043.D\data.ms

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

8.148min (-0.159) 0.02 ug/L

response 214

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 54.50  | 53.74  |
| 51.00 | 110.30 | 85.51  |
| 0.00  | 0.00   | 0.00   |

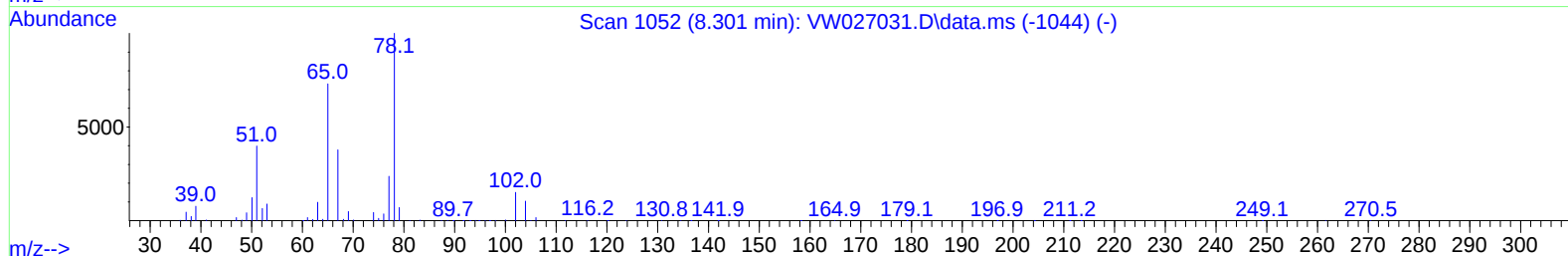
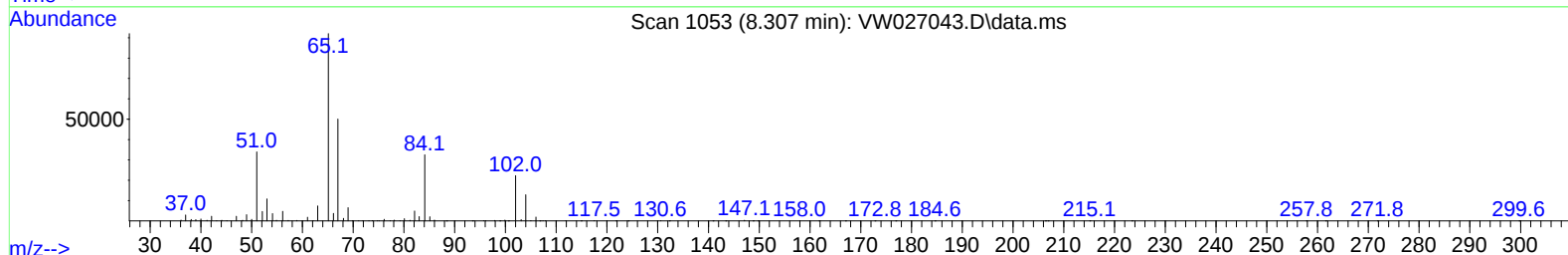
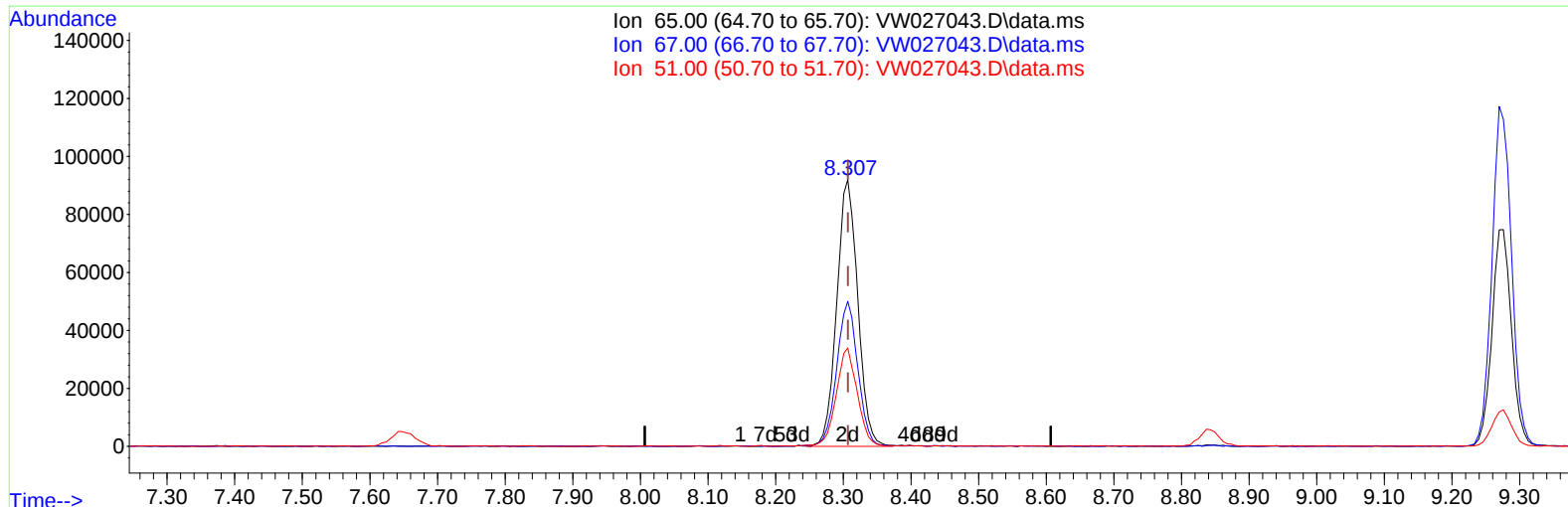
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TIC: VW027043.D\data.ms

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

8.307min (-0.000) 18.22 ug/L m

response 199119

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 54.50  | 0.06#  |
| 51.00 | 110.30 | 0.09#  |
| 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        | 8.843          | 114  | 698817     | 25.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629         | 117  | 527386     | 25.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556         | 152  | 146365     | 25.000  | ug/L   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 4) Vinyl Chloride-d3          | 2.363          | 65   | 137524     | 11.015  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 44.080% |        |          |
| 7) Chloroethane-d5            | 2.893          | 69   | 147376     | 14.626  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 58.520% |        |          |
| 11) 1,1-Dichloroethene-d2     | 4.027          | 65   | 52718      | 11.458  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 45.840% |        |          |
| 21) 2-Butanone-d5             | 7.075          | 46   | 57525      | 23.913  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 47.820% |        |          |
| 24) Chloroform-d              | 7.648          | 84   | 397393     | 19.110  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 76.440% |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.307          | 65   | 199119m    | 18.218  | ug/L   | 0.00     |
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| 32) Benzene-d6                | 8.276          | 84   | 718483     | 20.770  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 83.080% |        |          |
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| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 93.360% |        |          |
| 41) Toluene-d8                | 10.325         | 98   | 538963     | 17.209  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 68.840% |        |          |
| 43) trans-1,3-Dichloroprop... | 10.575         | 79   | 32216      | 8.175   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 32.680% |        |          |
| 47) 2-Hexanone-d5             | 10.922         | 63   | 9497       | 10.017  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 20.040% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690         | 84   | 165272     | 20.971  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 83.880% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.848         | 152  | 98669      | 19.491  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 77.960% |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         | Qvalue |          |
| 13) Acetone                   | 4.124          | 43   | 39937      | 18.960  | ug/L   | 96       |
| 15) Methyl Acetate            | 4.679          | 43   | 9399       | 2.146   | ug/L # | 93       |
| -----                         |                |      |            |         |        |          |

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

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