

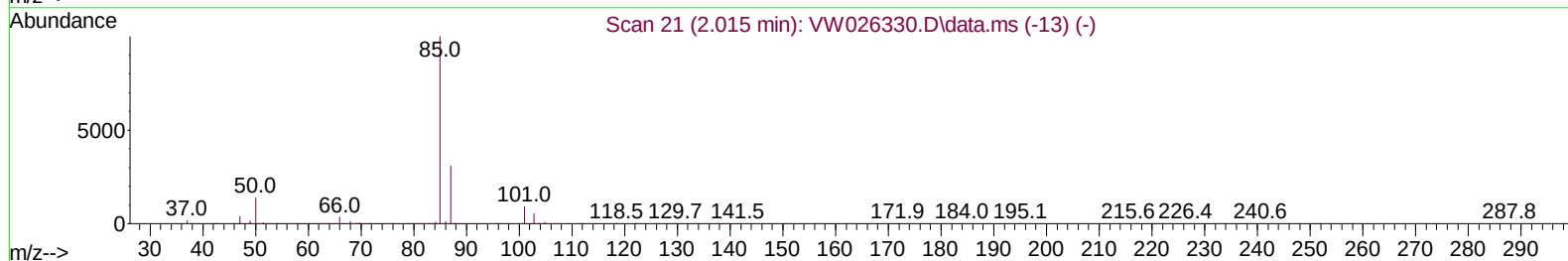
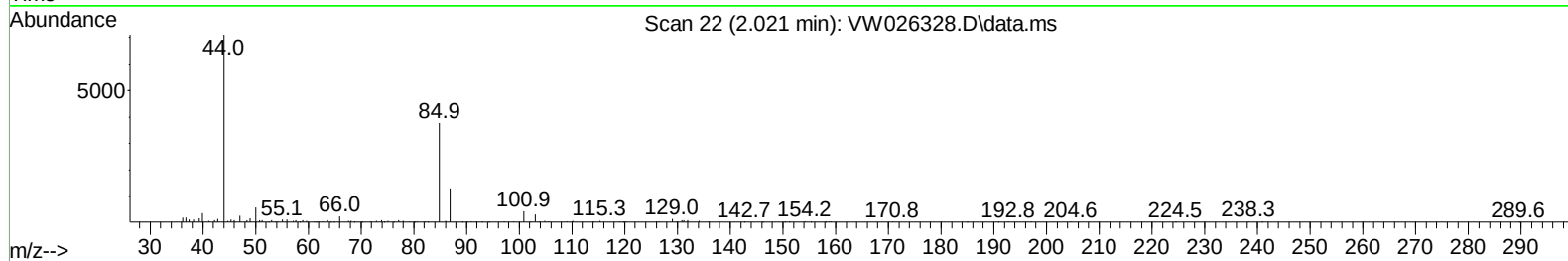
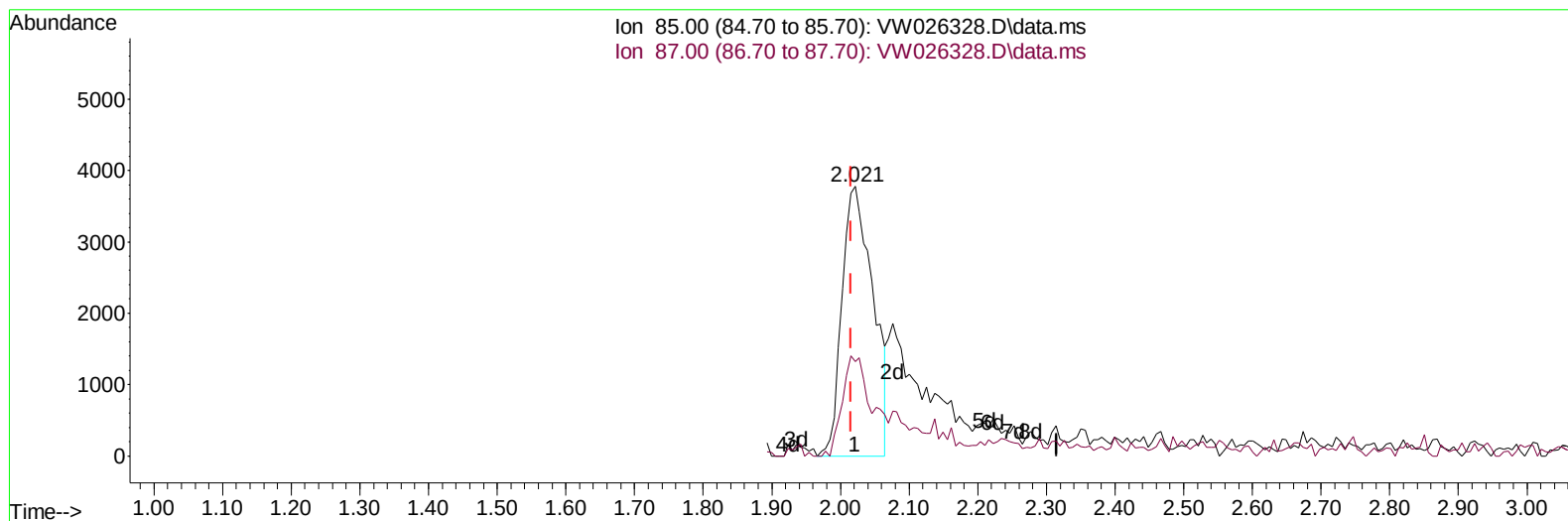
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW062623\  
Data File : VW026328.D  
Acq On : 26 Jun 2023 11:12  
Operator : SY/MD  
Sample : VSTD2.565  
Misc : 5.00g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD2.5465

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2023  
Supervised By :Mahesh Dadoda 06/27/2023

Quant Time: Jun 27 01:25:35 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM062623SMA.M  
Quant Title : SFAM01.0  
QLast Update : Tue Jun 27 01:25:00 2023  
Response via : Initial Calibration



TIC: VW026328.D\data.ms

## (2) Dichlorodifluoromethane (T)

2.021min (+ 0.006) 1.55 ug/L

response 11825

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 85.00 | 100.00 | 100.00 |
| 87.00 | 31.50  | 28.44  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

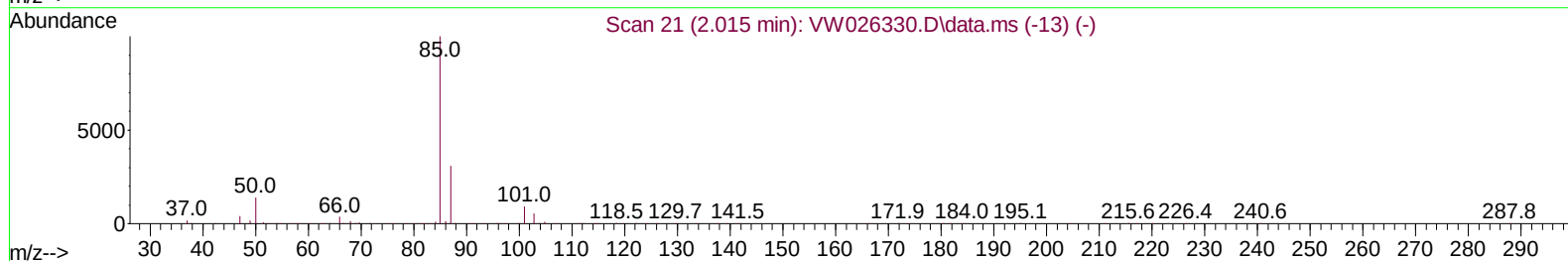
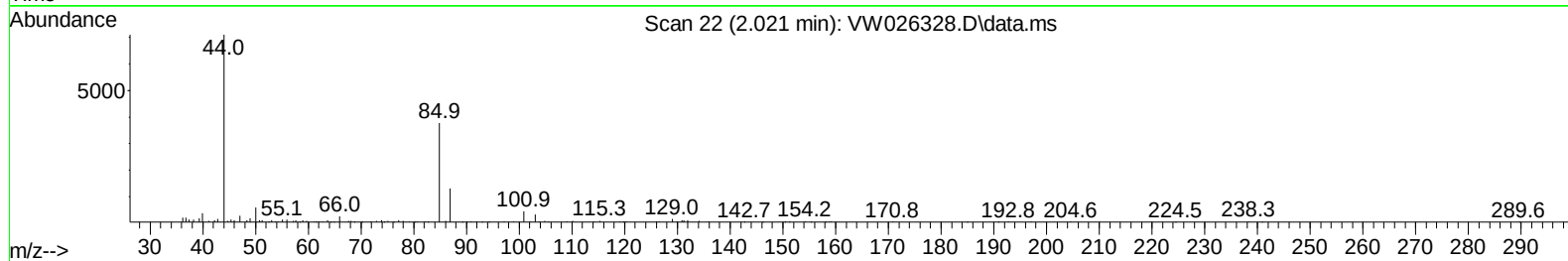
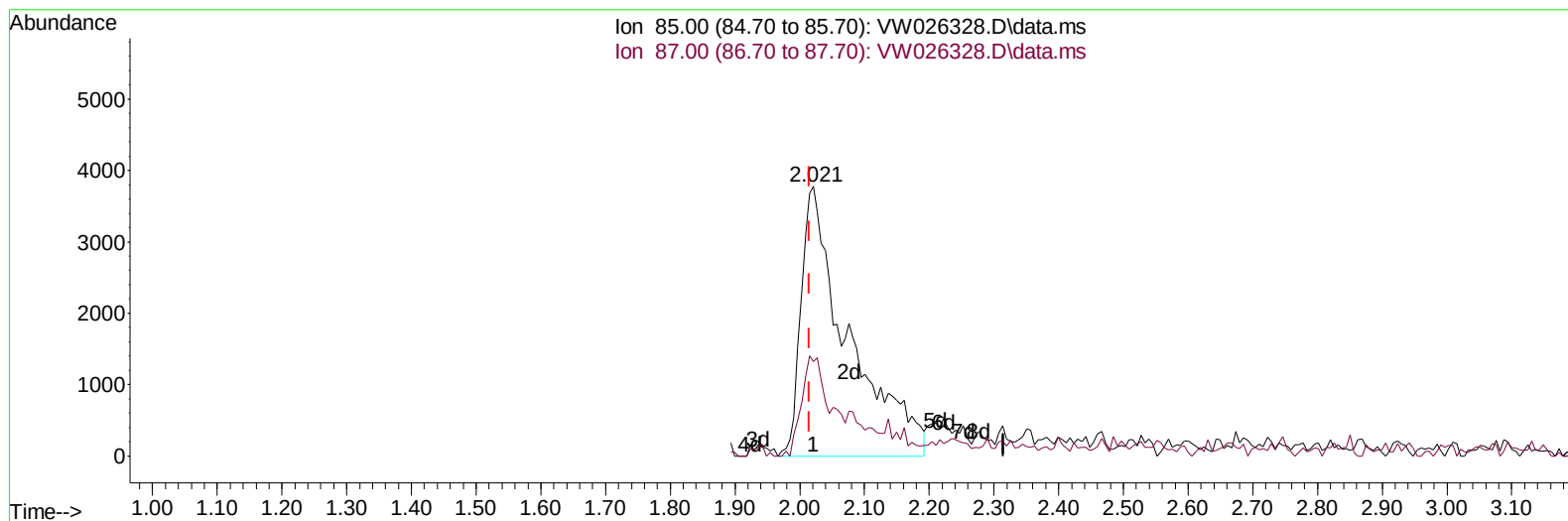
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## (2) Dichlorodifluoromethane (T)

2.021min (+ 0.006) 2.49 ug/L m

response 19041

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 85.00 | 100.00 | 100.00 |
| 87.00 | 31.50  | 17.66# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

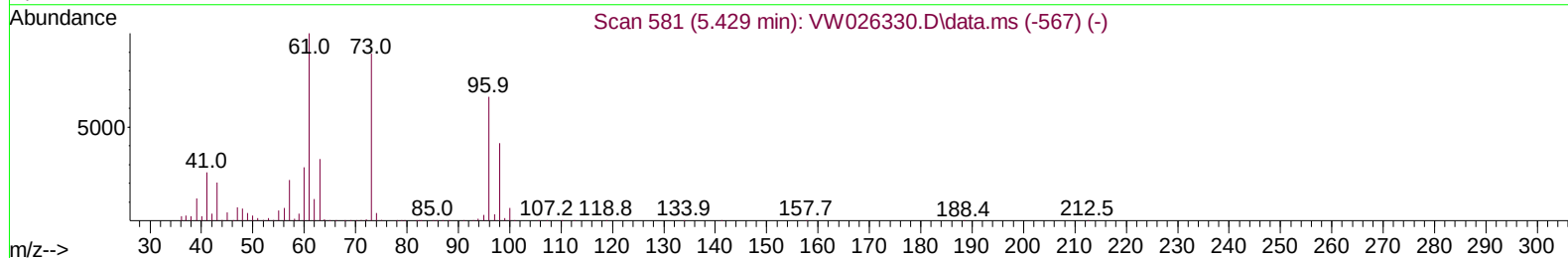
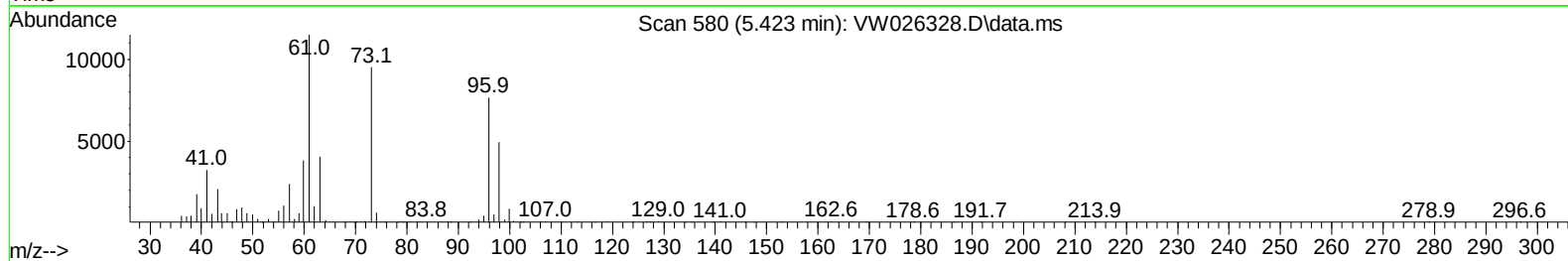
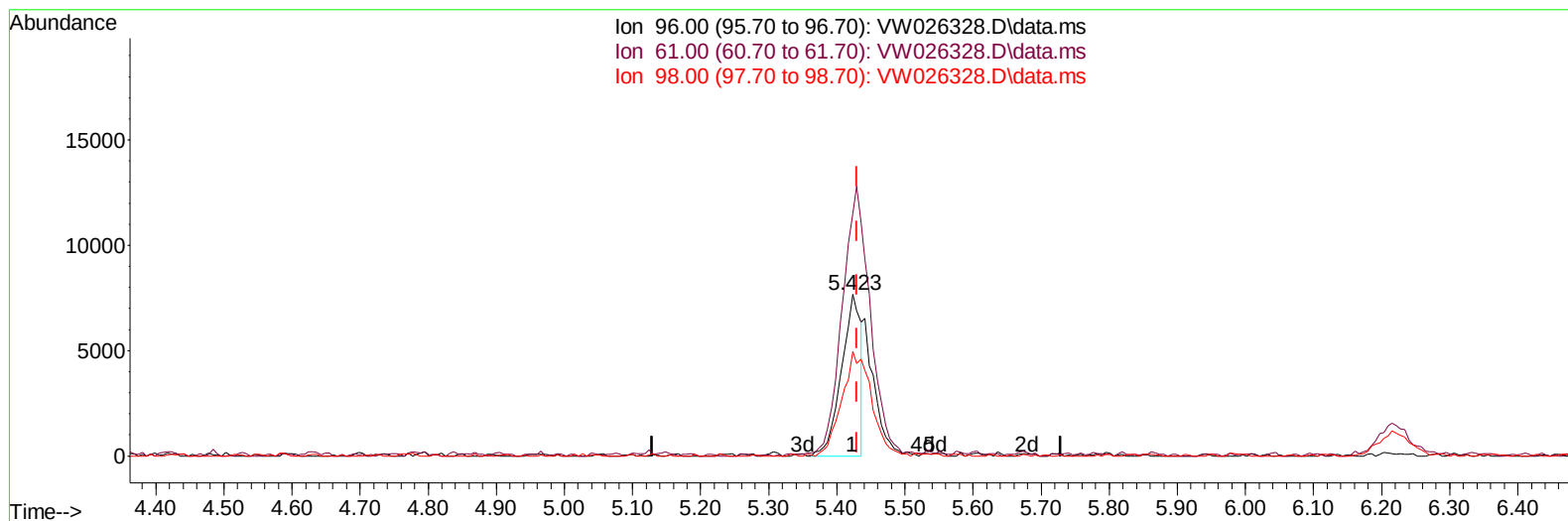
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Instrument :  
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ClientSampleId :  
VSTD2.5465

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## (17) trans-1,2-Dichloroethene (T)

5.423min (-0.006) 1.63 ug/L

response 15008

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 61.00 | 151.60 | 149.88 |
| 98.00 | 62.70  | 64.59  |
| 0.00  | 0.00   | 0.00   |

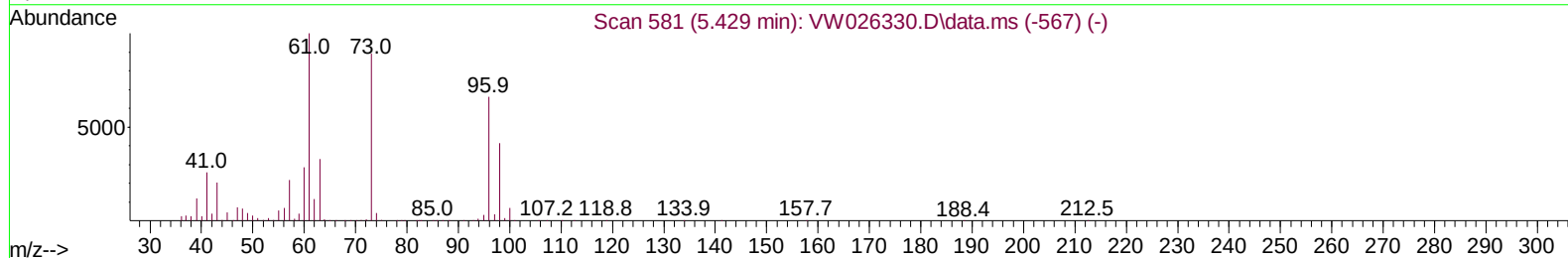
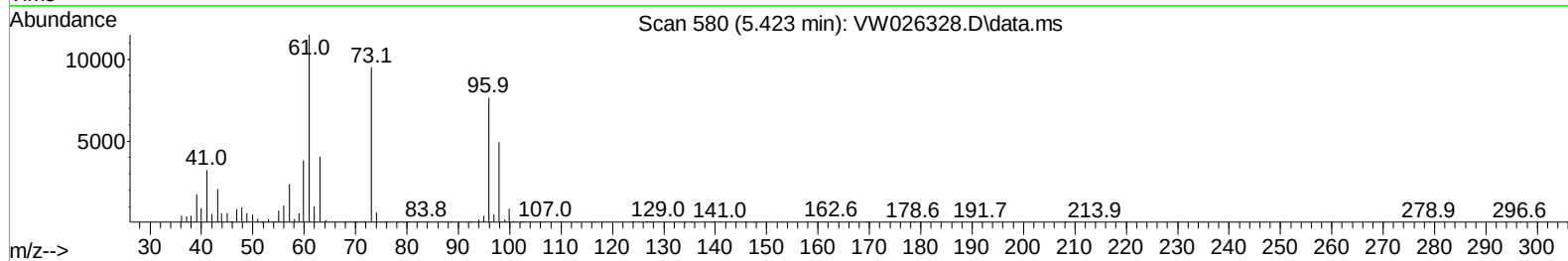
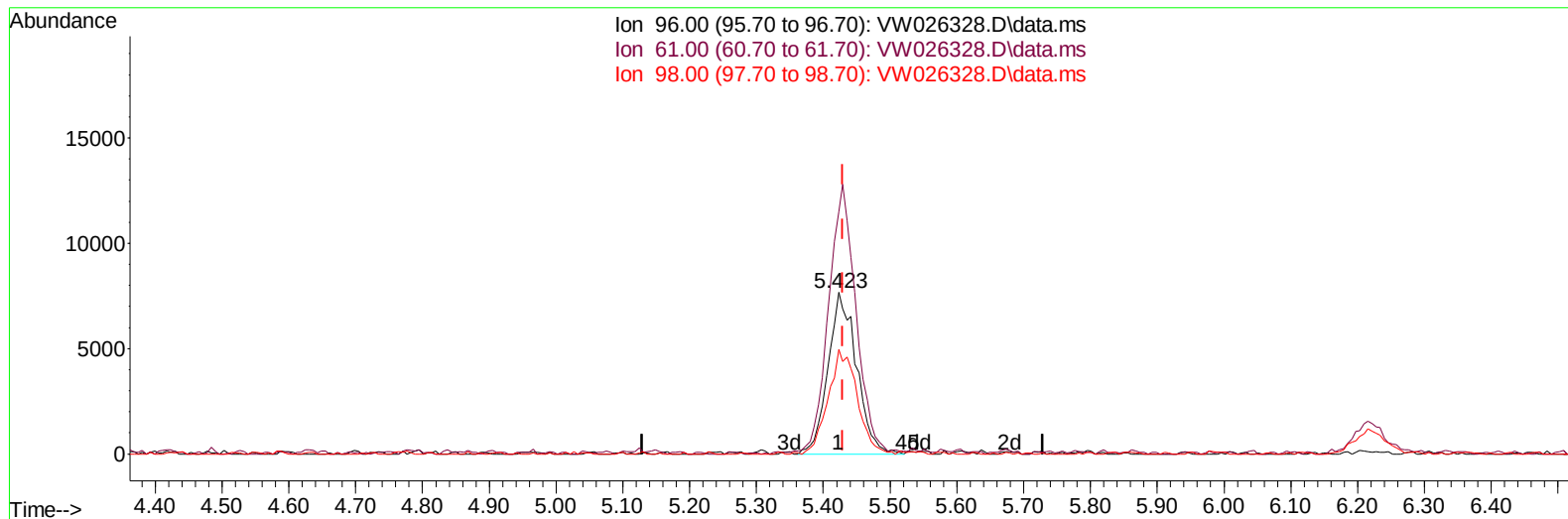
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TIC: VW026328.D\data.ms

## (17) trans-1,2-Dichloroethene (T)

5.423min (-0.006) 2.48 ug/L m

response 22794

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 61.00 | 151.60 | 149.88 |
| 98.00 | 62.70  | 64.59  |
| 0.00  | 0.00   | 0.00   |

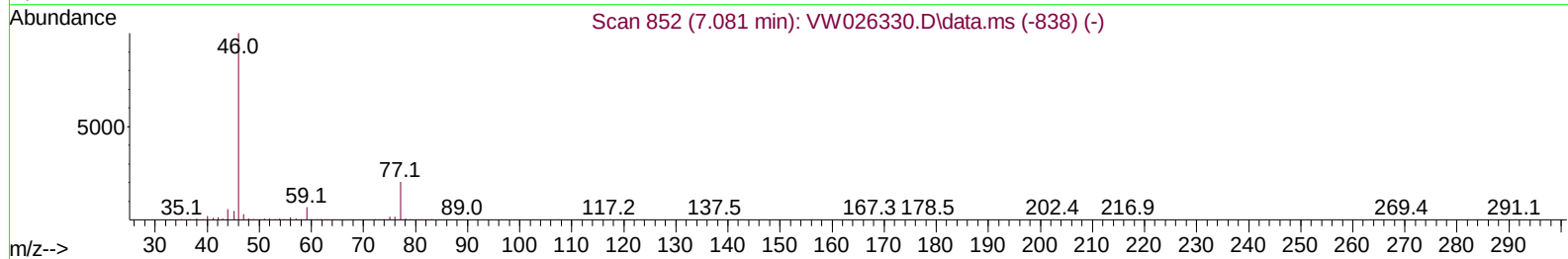
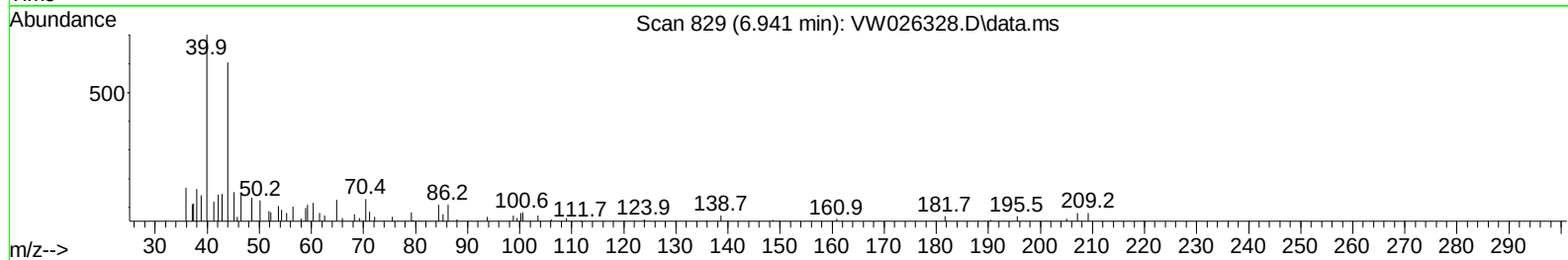
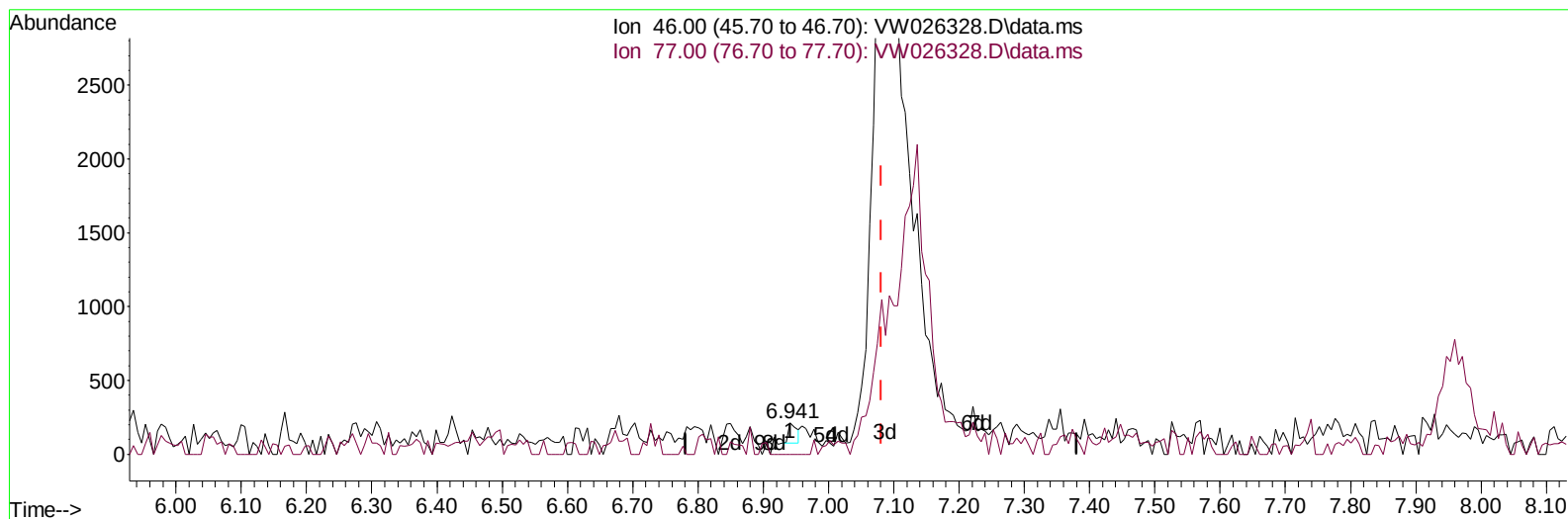
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 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
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Manual IntegrationsAPPROVED

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TIC: VW026328.D\data.ms

**(21) 2-Butanone-d5 (S)**

6.941min (-0.140) 0.04 ug/L

response 120

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 22.80  | 29.17  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

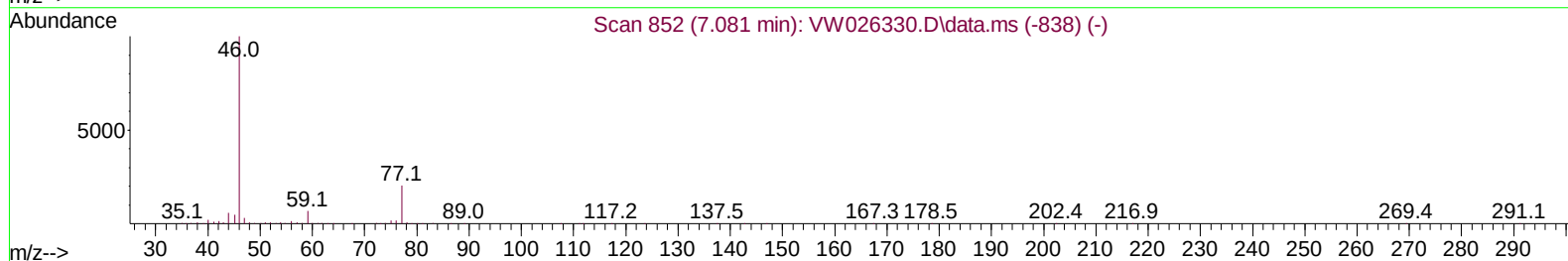
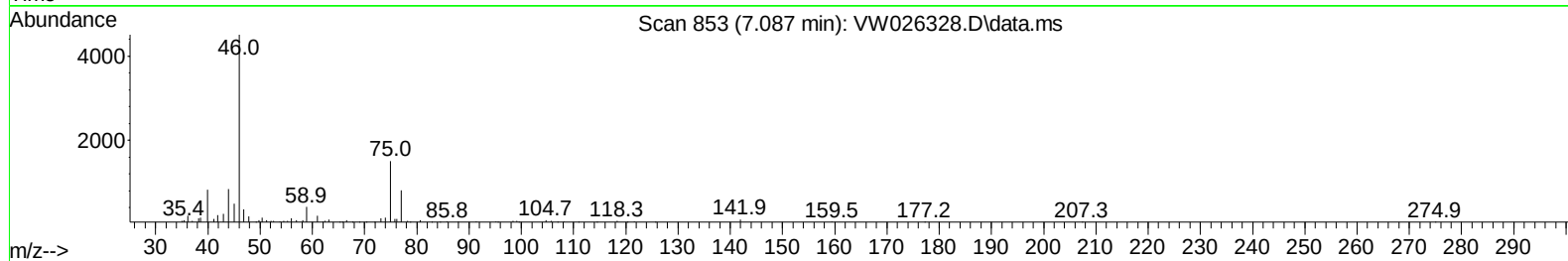
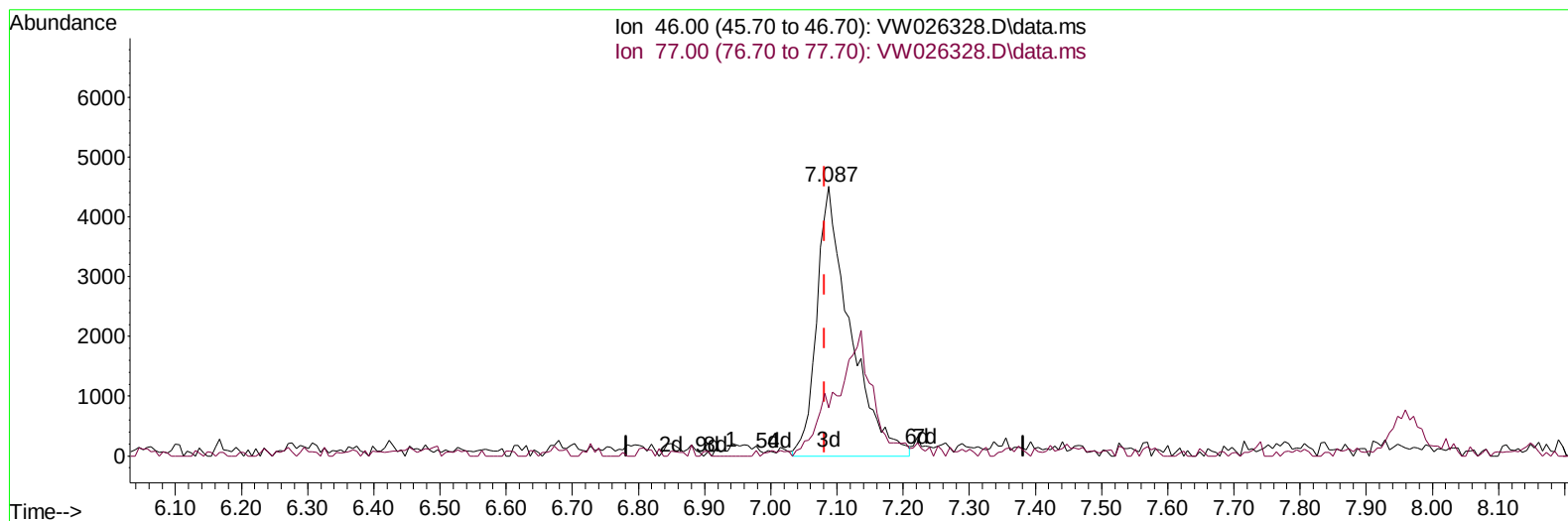
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 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
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Manual IntegrationsAPPROVED

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 Quant Title : SFAM01.0  
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TIC: VW026328.D\data.ms

**(21) 2-Butanone-d5 (S)**

**7.087min (+ 0.006) 5.35 ug/L m**

**response 15758**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 22.80  | 0.22#  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

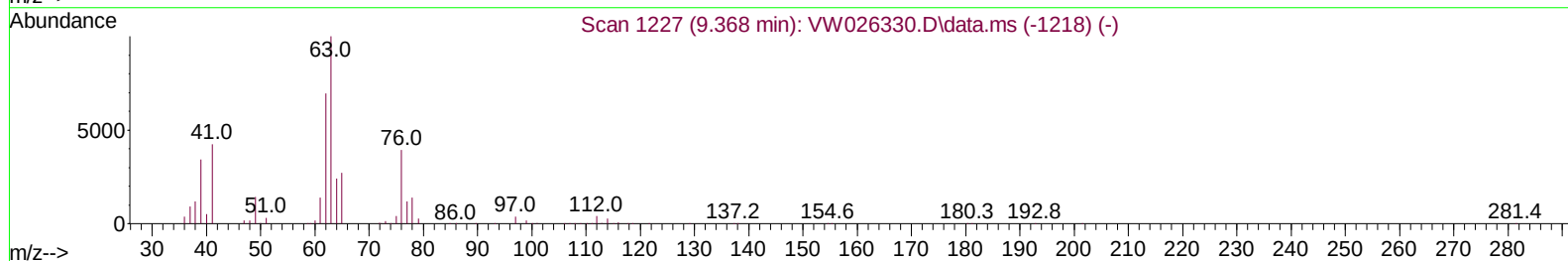
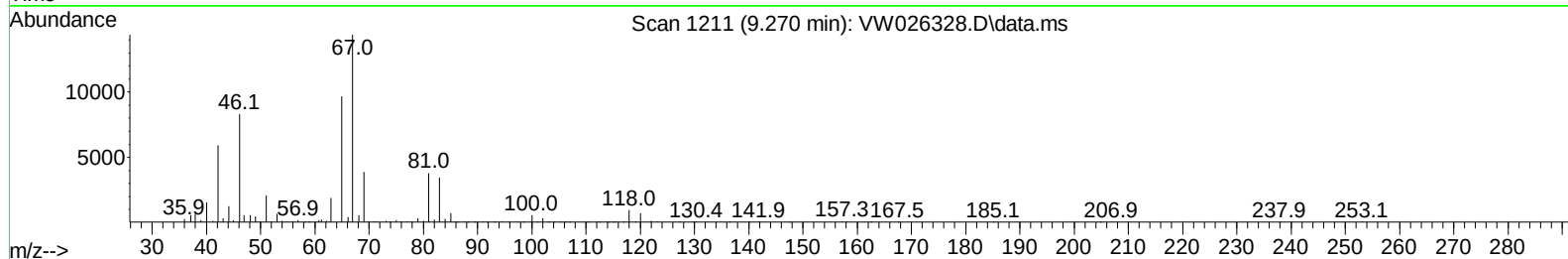
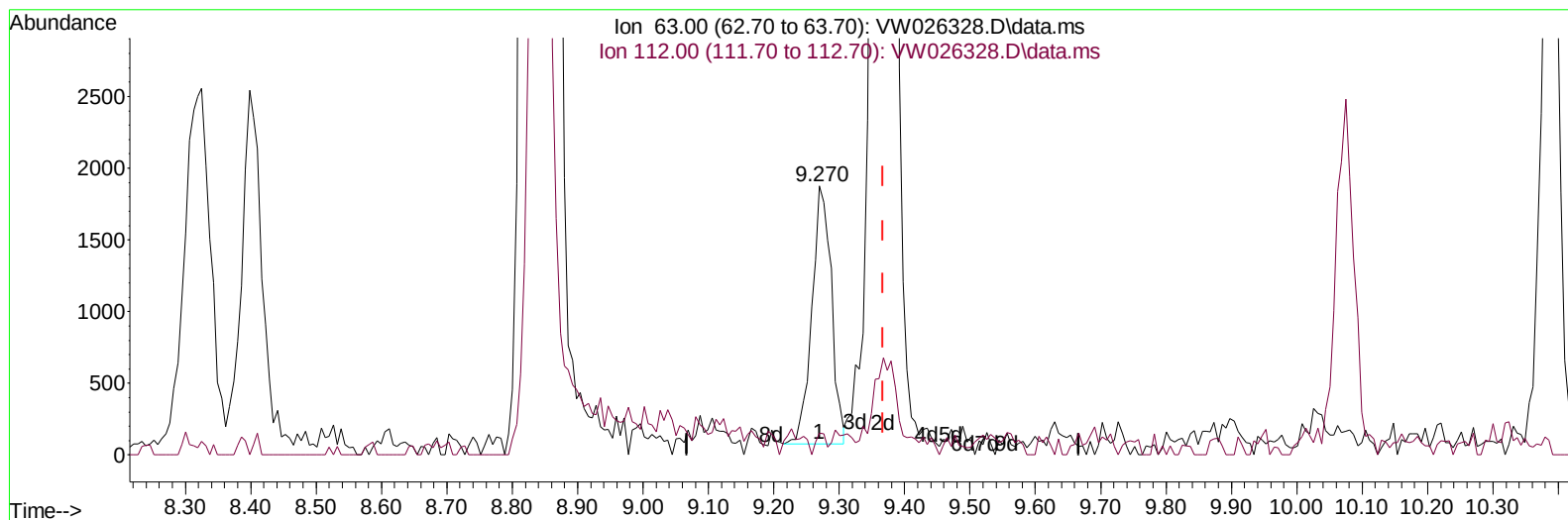
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 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD2.5465

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TIC: VW026328.D\data.ms

## (37) 1,2-Dichloropropane (T)

9.270min (-0.098) 0.34 ug/L

response 3711

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 63.00  | 100.00 | 100.00 |
| 112.00 | 3.80   | 4.45   |
| 0.00   | 0.00   | 0.00   |
| 0.00   | 0.00   | 0.00   |

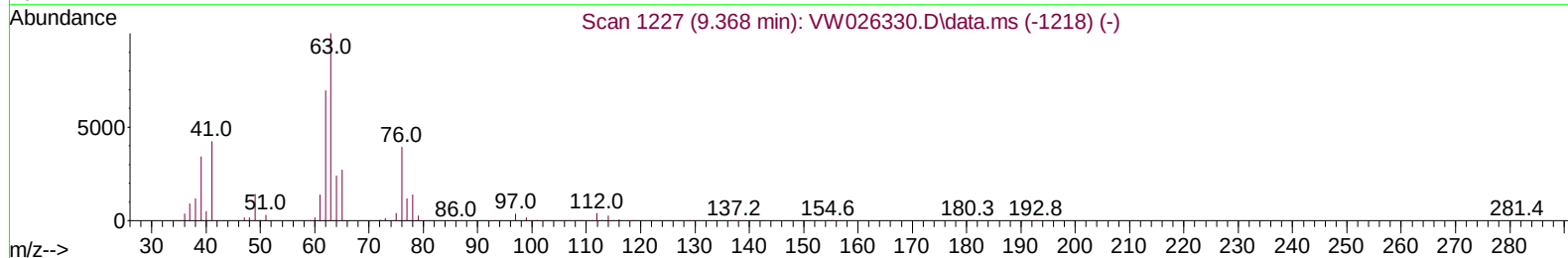
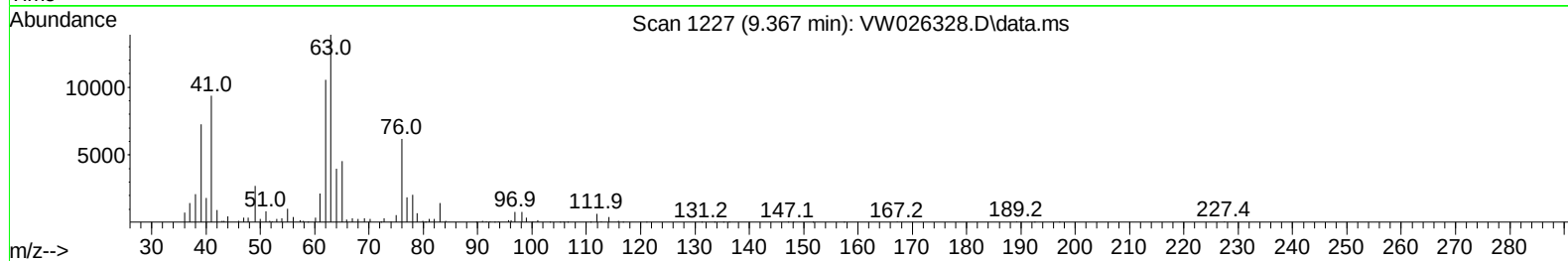
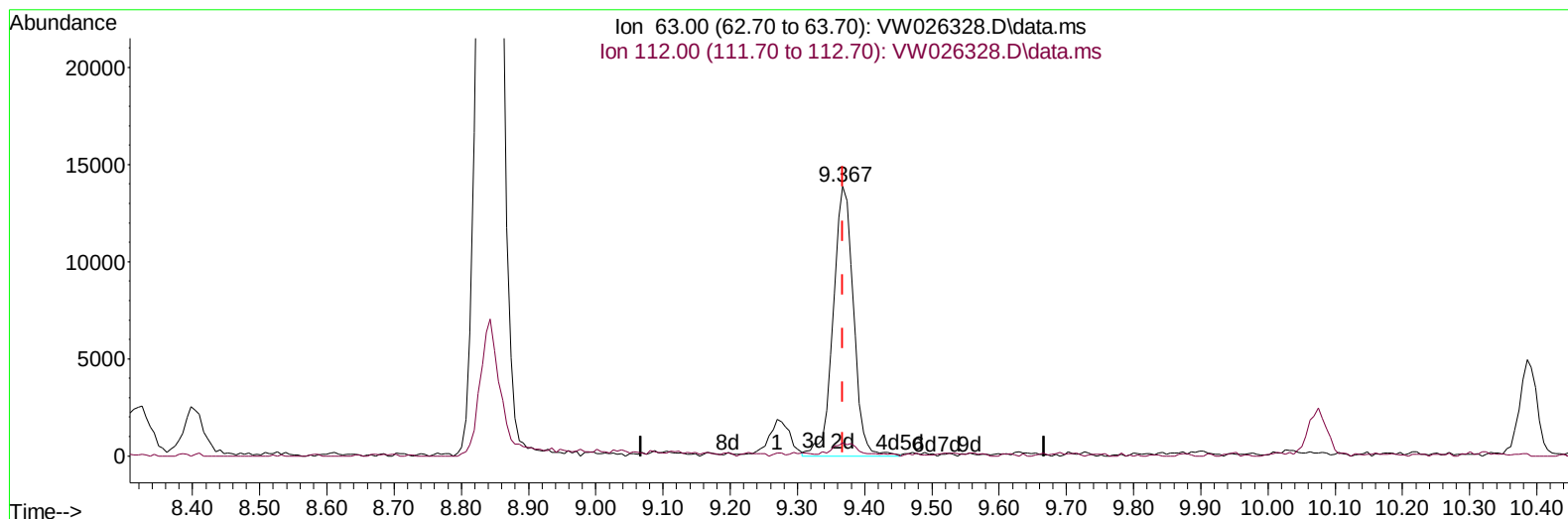
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 Data File : VW026328.D  
 Acq On : 26 Jun 2023 11:12  
 Operator : SY/MD  
 Sample : VSTD2.565  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD2.5465

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2023  
 Supervised By :Mahesh Dadoda 06/27/2023

Quant Time: Jun 27 01:25:35 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM062623SMA.M  
 Quant Title : SFAM01.0  
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 Response via : Initial Calibration



TIC: VW026328.D\data.ms

## (37) 1,2-Dichloropropane (T)

9.367min (-0.000) 2.65 ug/L m

response 29138

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 63.00  | 100.00 | 100.00 |
| 112.00 | 3.80   | 0.57#  |
| 0.00   | 0.00   | 0.00   |
| 0.00   | 0.00   | 0.00   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW062623\  
 Data File : VW062628.D  
 Acq On : 26 Jun 2023 11:12  
 Operator : SY/MD  
 Sample : VSTD2.565  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD2.5465

Manual IntegrationsAPPROVED

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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114  | 646242   | 25.000 | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117  | 590177   | 25.000 | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152  | 282433   | 25.000 | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 4) Vinyl Chloride-d3          | 2.369  | 65   | 21719    | 2.314  | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 2.899  | 69   | 17833    | 2.668  | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 4.027  | 65   | 9612     | 2.261  | ug/L   | 0.00     |
| 21) 2-Butanone-d5             | 7.087  | 46   | 15758m   | 5.353  | ug/L   | 0.00     |
| 24) Chloroform-d              | 7.648  | 84   | 48639    | 2.656  | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65   | 27478    | 2.670  | ug/L   | 0.00     |
| 32) Benzene-d6                | 8.276  | 84   | 91378    | 2.501  | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 9.276  | 67   | 30771    | 2.592  | ug/L   | 0.00     |
| 41) Toluene-d8                | 10.325 | 98   | 76384    | 2.389  | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 10.581 | 79   | 11452    | 2.403  | ug/L   | 0.00     |
| 47) 2-Hexanone-d5             | 10.922 | 63   | 7632     | 4.186  | ug/L   | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84   | 24712    | 2.644  | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152  | 25229    | 2.566  | ug/L   | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) Dichlorodifluoromethane    | 2.021  | 85   | 19041m   | 2.491  | ug/L   |          |
| 3) Chloromethane              | 2.216  | 50   | 26764    | 2.383  | ug/L   | 94       |
| 5) Vinyl chloride             | 2.375  | 62   | 30458    | 2.608  | ug/L   | 96       |
| 6) Bromomethane               | 2.783  | 94   | 16937    | 2.642  | ug/L   | 92       |
| 8) Chloroethane               | 2.936  | 64   | 18457    | 2.947  | ug/L   | 98       |
| 9) Trichlorofluoromethane     | 3.271  | 101  | 20065    | 2.436  | ug/L   | 96       |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.076  | 101  | 22440    | 2.549  | ug/L # | 65       |
| 12) 1,1-Dichloroethene        | 4.039  | 96   | 21024    | 2.516  | ug/L   | 93       |
| 13) Acetone                   | 4.125  | 43   | 15481    | 6.555  | ug/L   | 91       |
| 14) Carbon disulfide          | 4.393  | 76   | 75503    | 2.557  | ug/L   | 100      |
| 15) Methyl Acetate            | 4.673  | 43   | 12872    | 2.401  | ug/L # | 90       |
| 16) Methylene chloride        | 4.917  | 84   | 32604    | 2.974  | ug/L   | 92       |
| 17) trans-1,2-Dichloroethene  | 5.423  | 96   | 22794m   | 2.477  | ug/L   |          |
| 18) Methyl tert-butyl Ether   | 5.423  | 73   | 33727    | 2.348  | ug/L   | 100      |
| 19) 1,1-Dichloroethane        | 6.216  | 63   | 51031    | 2.653  | ug/L   | 96       |
| 20) cis-1,2-Dichloroethene    | 7.173  | 96   | 24698    | 2.488  | ug/L   | 92       |
| 22) 2-Butanone                | 7.173  | 43   | 18631    | 5.156  | ug/L   | 97       |
| 23) Bromochloromethane        | 7.514  | 128  | 11161    | 2.622  | ug/L   | 94       |
| 25) Chloroform                | 7.679  | 83   | 47785    | 2.681  | ug/L   | 99       |
| 27) 1,2-Dichloroethane        | 8.404  | 62   | 33992    | 2.657  | ug/L   | 95       |
| 29) Cyclohexane               | 7.959  | 56   | 37374    | 2.193  | ug/L   | 99       |
| 30) 1,1,1-Trichloroethane     | 7.874  | 97   | 38930    | 2.727  | ug/L   | 98       |
| 31) Carbon tetrachloride      | 8.075  | 117  | 34413    | 2.681  | ug/L   | 98       |
| 33) Benzene                   | 8.325  | 78   | 100513   | 2.521  | ug/L   | 100      |
| 34) Trichloroethene           | 9.087  | 95   | 26465    | 2.593  | ug/L   | 97       |
| 35) Methylcyclohexane         | 9.337  | 83   | 39920    | 2.281  | ug/L   | 97       |
| 37) 1,2-Dichloropropane       | 9.367  | 63   | 29138m   | 2.648  | ug/L   |          |
| 38) Bromodichloromethane      | 9.642  | 83   | 32826    | 2.566  | ug/L   | 98       |
| 39) cis-1,3-Dichloropropene   | 10.075 | 75   | 36234    | 2.271  | ug/L   | 98       |
| 40) 4-Methyl-2-pentanone      | 10.209 | 43   | 30669    | 4.266  | ug/L   | 99       |
| 42) Toluene                   | 10.386 | 91   | 94857    | 2.372  | ug/L   | 95       |

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| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) trans-1,3-Dichloropropene | 10.605 | 75   | 30138    | 2.237 | ug/L  | 94       |
| 45) 1,1,2-Trichloroethane     | 10.782 | 97   | 18857    | 2.529 | ug/L  | 97       |
| 46) Tetrachloroethene         | 10.861 | 164  | 18569    | 2.582 | ug/L  | 95       |
| 48) 2-Hexanone                | 10.965 | 43   | 21405    | 4.220 | ug/L  | 98       |
| 49) Dibromochloromethane      | 11.123 | 129  | 18876    | 2.472 | ug/L  | 95       |
| 50) 1,2-Dibromoethane         | 11.233 | 107  | 16553    | 2.418 | ug/L  | 100      |
| 51) Chlorobenzene             | 11.654 | 112  | 66881    | 2.623 | ug/L  | 99       |
| 52) Ethylbenzene              | 11.727 | 91   | 107558   | 2.387 | ug/L  | 100      |
| 53) m,p-Xylene                | 11.837 | 106  | 36864    | 2.243 | ug/L  | 96       |
| 54) o-Xylene                  | 12.166 | 106  | 35337    | 2.284 | ug/L  | 89       |
| 55) Styrene                   | 12.178 | 104  | 58857    | 2.181 | ug/L  | 98       |
| 57) 1,1,2,2-Tetrachloroethane | 12.714 | 83   | 23853    | 2.559 | ug/L  | 99       |
| 59) Bromoform                 | 12.349 | 173  | 9865     | 2.309 | ug/L  | 94       |
| 60) Isopropylbenzene          | 12.458 | 105  | 93937    | 2.213 | ug/L  | 97       |
| 61) 1,2,3-Trichloropropane    | 12.763 | 75   | 17790    | 2.591 | ug/L  | 96       |
| 62) 1,3,5-Trimethylbenzene    | 12.940 | 105  | 69682    | 2.118 | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 13.245 | 105  | 61401    | 1.935 | ug/L  | 95       |
| 64) 1,3-Dichlorobenzene       | 13.495 | 146  | 45773    | 2.518 | ug/L  | 95       |
| 65) 1,4-Dichlorobenzene       | 13.574 | 146  | 48591    | 2.671 | ug/L  | 93       |
| 67) 1,2-Dichlorobenzene       | 13.867 | 146  | 41825    | 2.583 | ug/L  | 94       |
| 68) 1,2-Dibromo-3-chloropr... | 14.482 | 75   | 4177     | 2.645 | ug/L  | 94       |
| 69) 1,3,5-Trichlorobenzene    | 14.623 | 180  | 29286    | 2.507 | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 15.129 | 180  | 21720    | 2.272 | ug/L  | 96       |
| 71) Naphthalene               | 15.360 | 128  | 36524    | 1.900 | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 15.549 | 180  | 22800    | 2.554 | ug/L  | 97       |

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

