

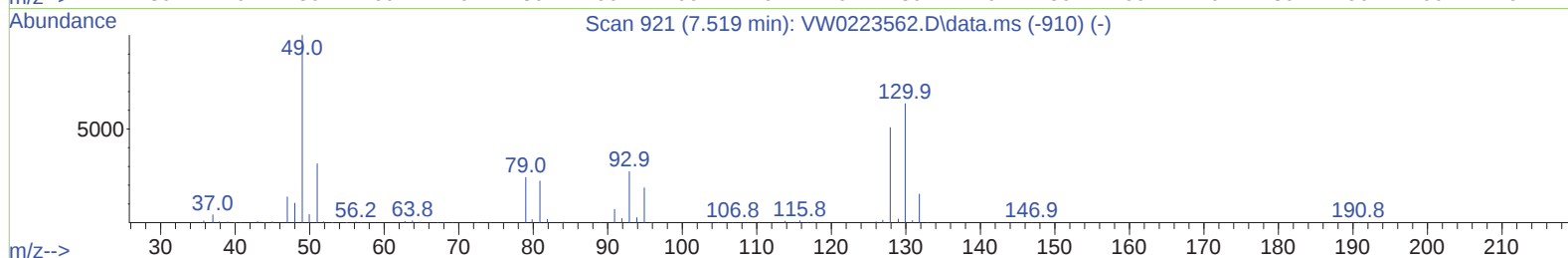
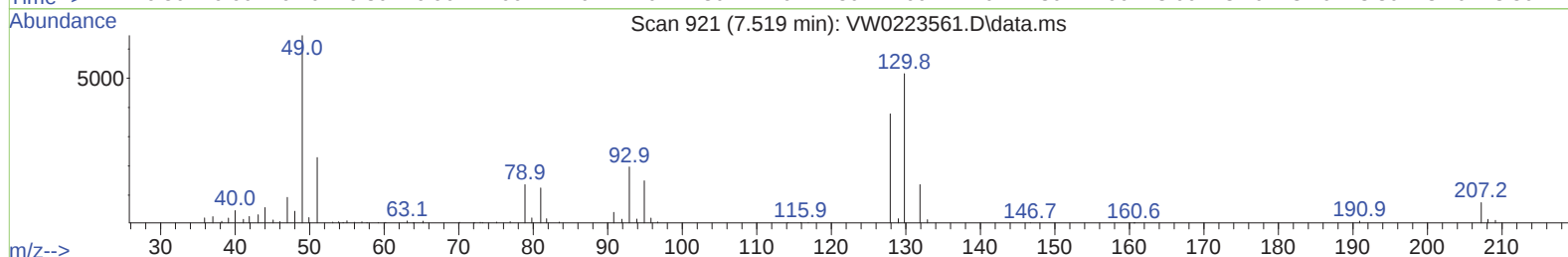
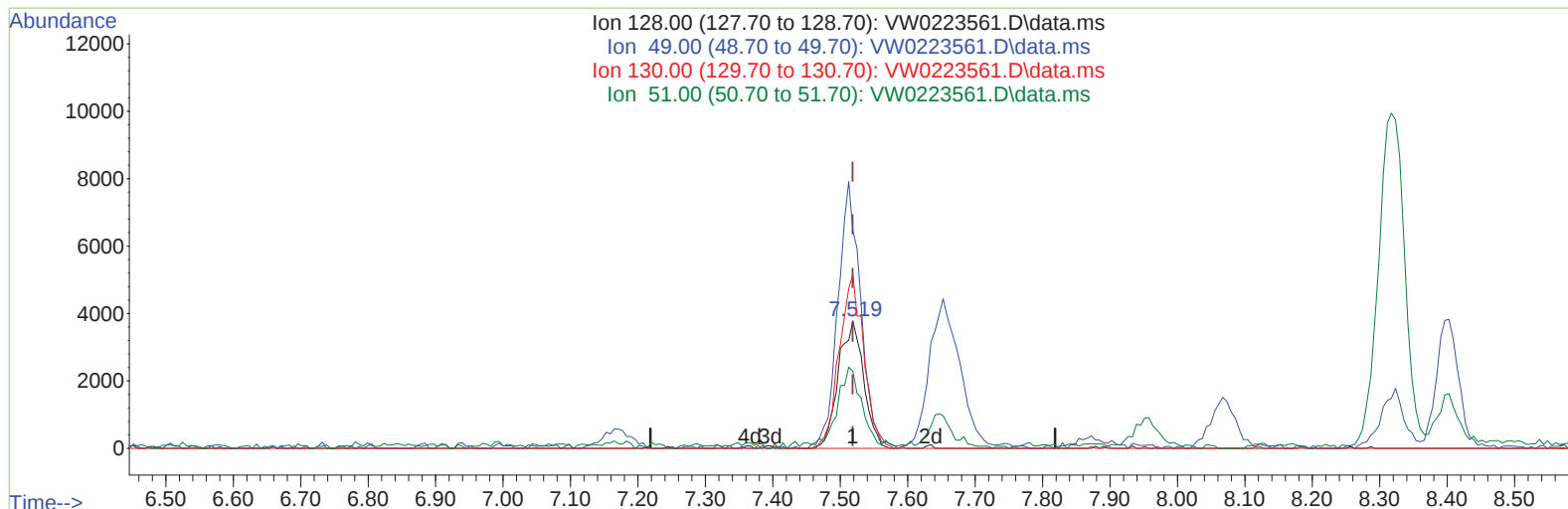
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW040122\  
 Data File : VW022361.D  
 Acq On : 01 Apr 2022 11:49  
 Operator : SY/VA  
 Sample : VSTD00563  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD005463

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 04/02/2022  
 Supervised By :Mahesh Dadoda 04/05/2022

Quant Time: Apr 01 13:22:43 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM040122SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Apr 01 13:21:41 2022  
 Response via : Initial Calibration



TIC: VW0223561.D\data.ms

## (23) Bromochloromethane (T)

7.519min ( 0.000) 5.34 ug/L m

response 9798

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 128.00 | 100.00 | 100.00  |
| 49.00  | 120.30 | 170.77# |
| 130.00 | 121.10 | 136.39  |
| 51.00  | 39.90  | 60.49#  |

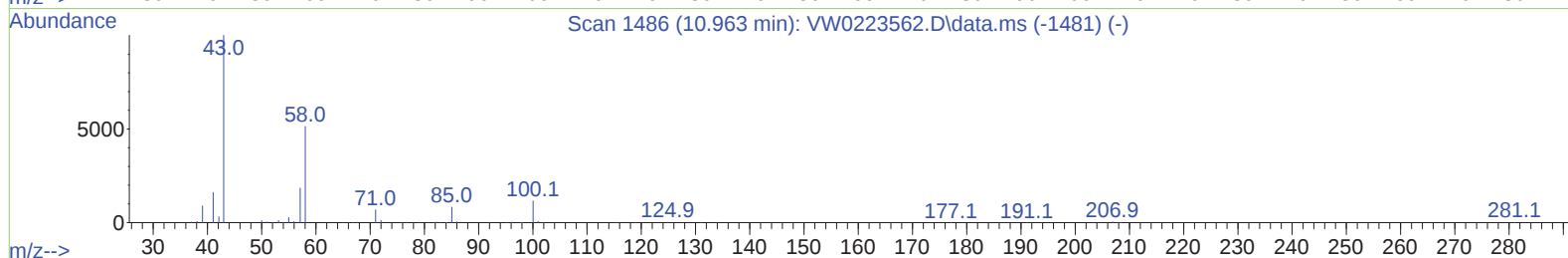
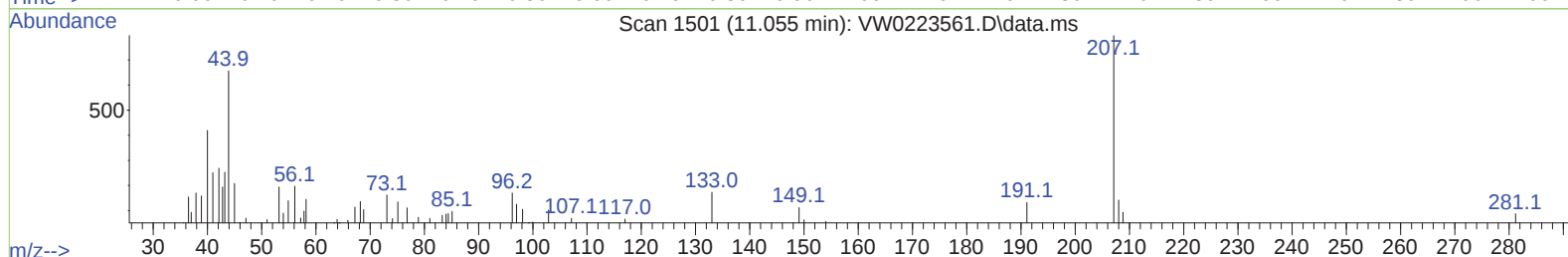
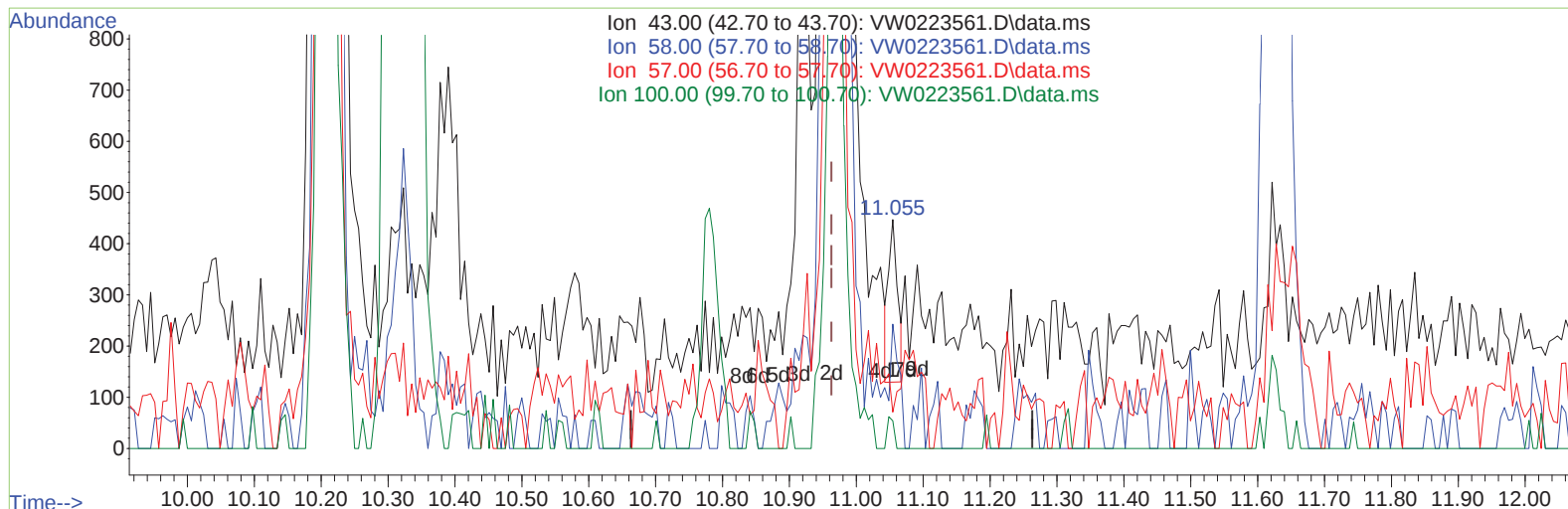
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 Quant Title : SFAM01.0  
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TIC: VW0223561.D\data.ms

**(48) 2-Hexanone (T)**

**11.055min (+ 0.091) 0.22 ug/L**

**response 307**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 43.00  | 100.00 | 100.00 |
| 58.00  | 55.70  | 66.45  |
| 57.00  | 19.80  | 18.57  |
| 100.00 | 15.90  | 13.68  |

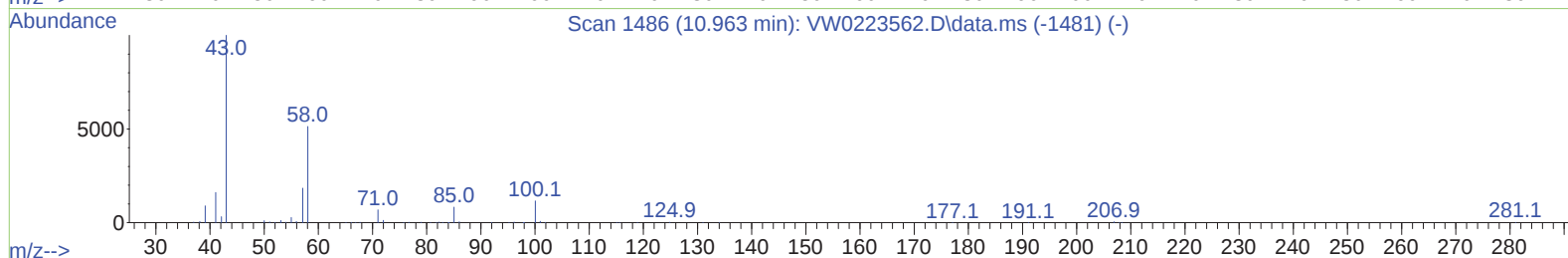
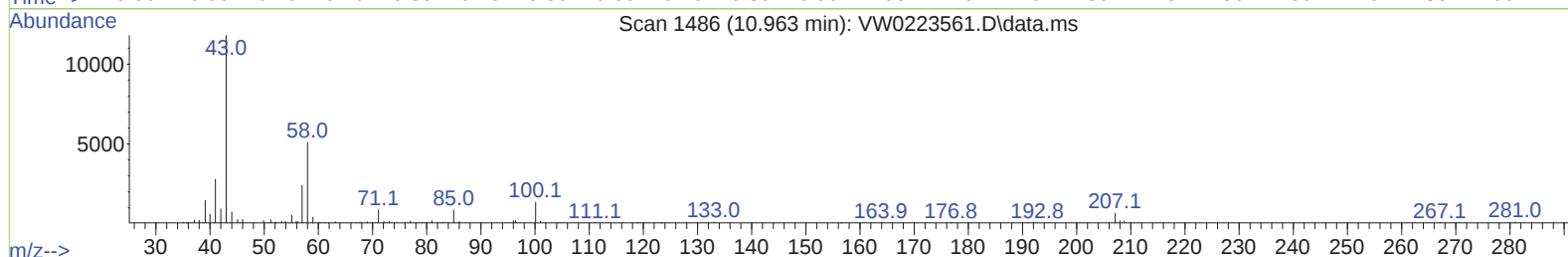
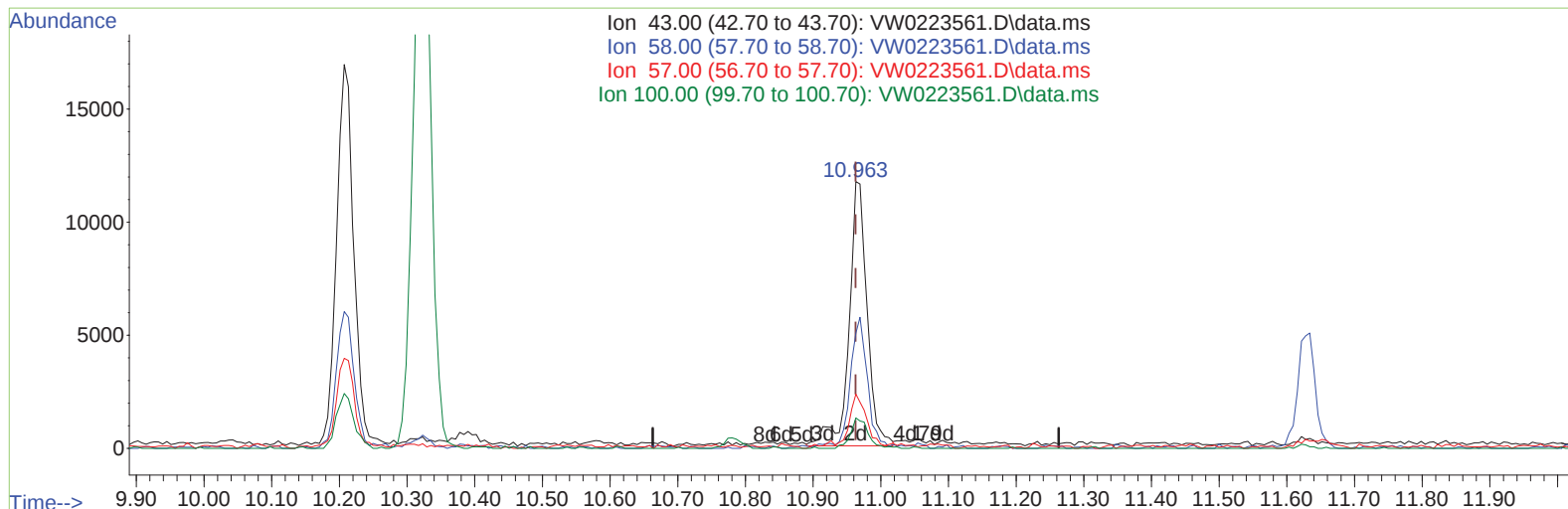
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Manual IntegrationsAPPROVED

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 Quant Title : SFAM01.0  
 QLast Update : Fri Apr 01 13:21:41 2022  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 04/02/2022  
 Supervised By :Mahesh Dadoda 04/05/2022



TIC: VW0223561.D\data.ms

**(48) 2-Hexanone (T)**

10.963min ( 0.000) 15.92 ug/L m

response 21737

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 43.00  | 100.00 | 100.00 |
| 58.00  | 55.70  | 0.94#  |
| 57.00  | 19.80  | 0.26#  |
| 100.00 | 15.90  | 0.19#  |

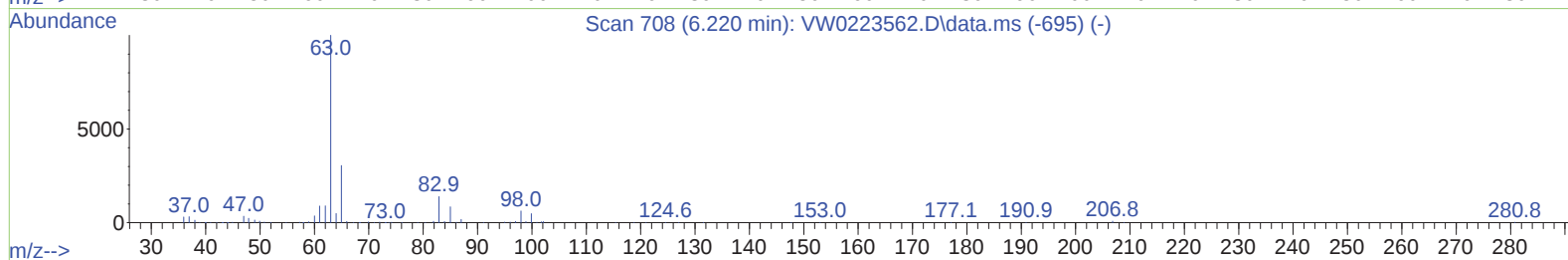
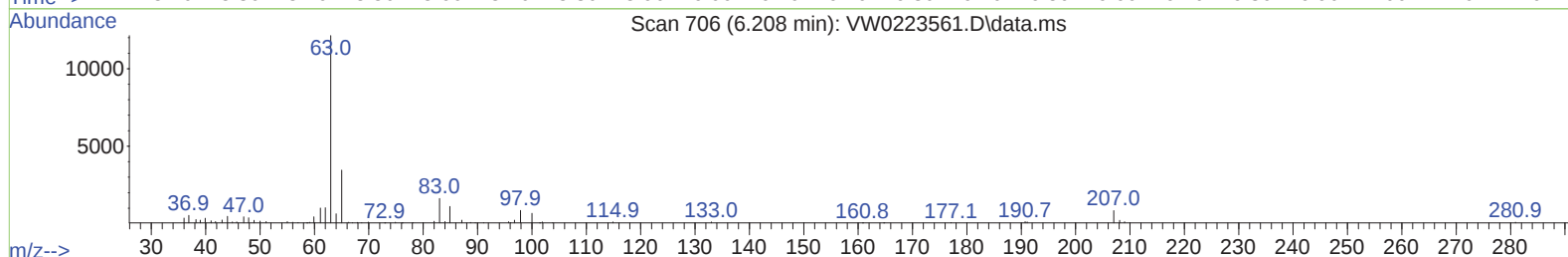
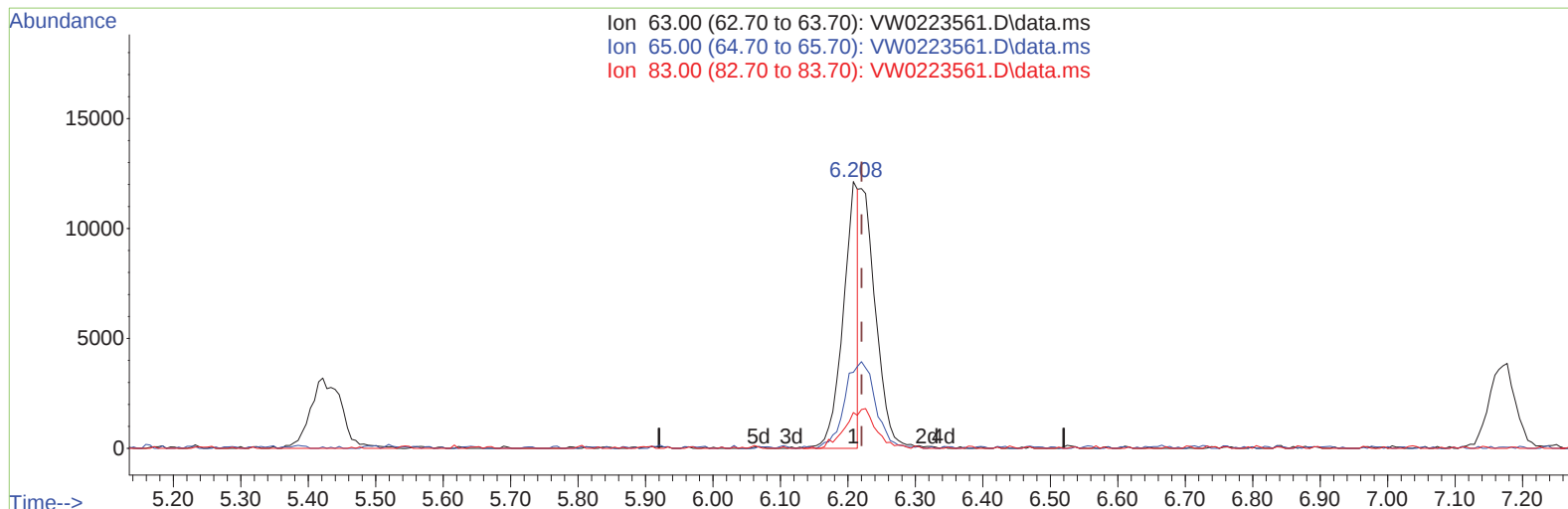
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 ClientSampleId :  
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TIC: VW0223561.D\data.ms

## (19) 1,1-Dichloroethane (T)

6.208min (-0.012) 3.18 ug/L

response 19142

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 63.00 | 100.00 | 100.00 |
| 65.00 | 32.20  | 28.51  |
| 83.00 | 16.50  | 13.43  |
| 0.00  | 0.00   | 0.00   |

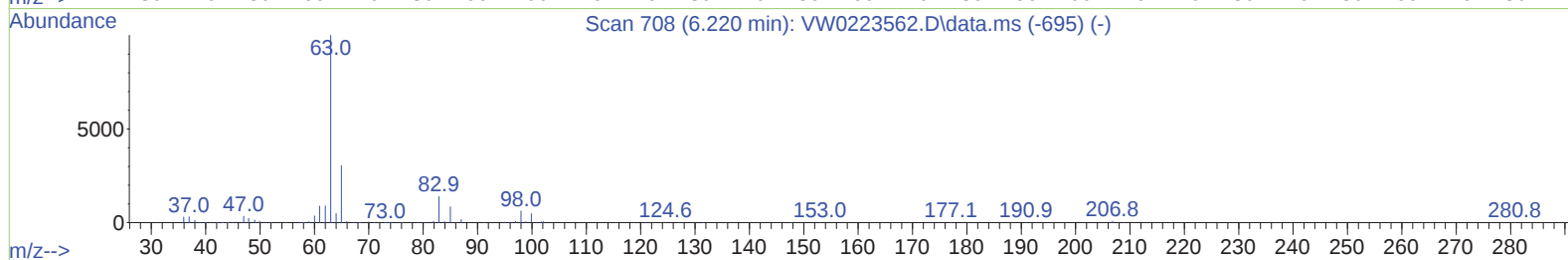
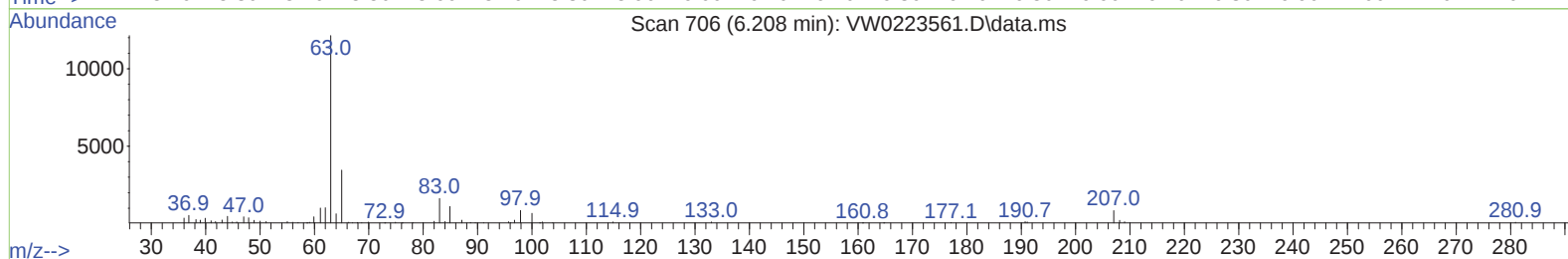
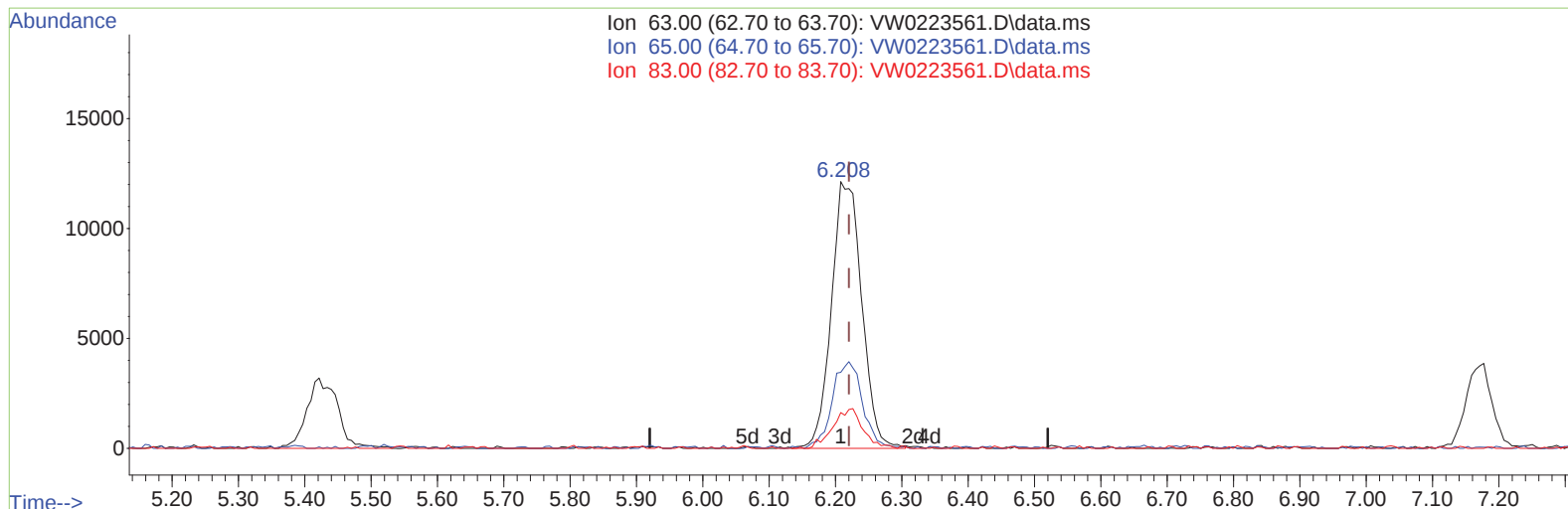
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Data File : VW022361.D  
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Misc : 5.00g/10mL/MSVOA\_W/SOIL  
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ClientSampleId :  
VSTD005463

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM040122SMA.M  
Quant Title : SFAM01.0  
QLast Update : Fri Apr 01 13:21:41 2022  
Response via : Initial Calibration



TIC: VW0223561.D\data.ms

## (19) 1,1-Dichloroethane (T)

6.208min (-0.012) 6.41 ug/L m

response 38518

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 63.00 | 100.00 | 100.00 |
| 65.00 | 32.20  | 28.51  |
| 83.00 | 16.50  | 13.43  |
| 0.00  | 0.00   | 0.00   |

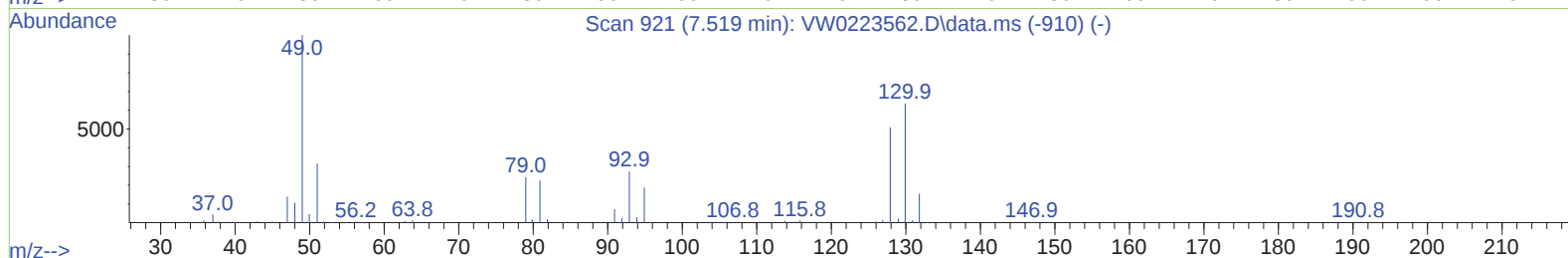
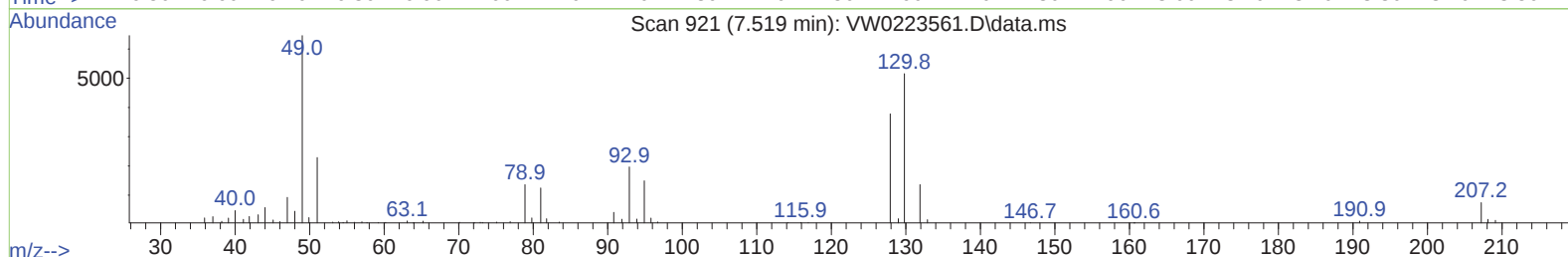
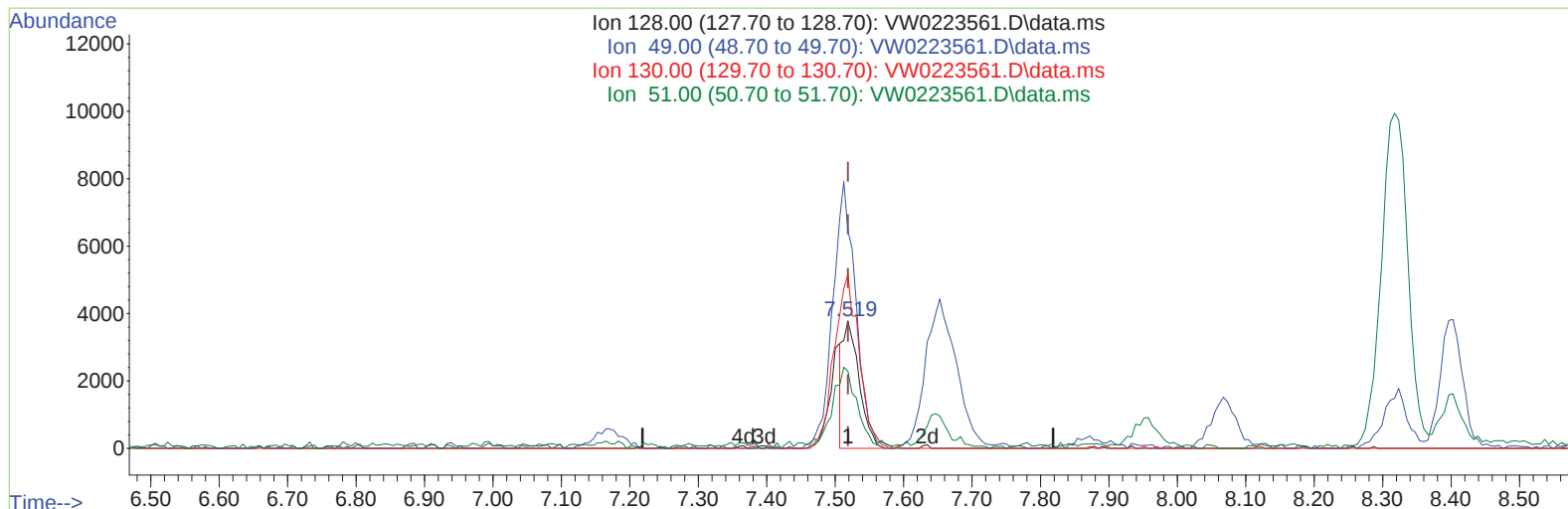
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Instrument :  
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 Quant Title : SFAM01.0  
 QLast Update : Fri Apr 01 13:21:41 2022  
 Response via : Initial Calibration



TIC: VW0223561.D\data.ms

**(23) Bromochloromethane (T)**

7.519min ( 0.000) 3.37 ug/L

response 6195

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 128.00 | 100.00 | 100.00  |
| 49.00  | 120.30 | 170.77# |
| 130.00 | 121.10 | 136.39  |
| 51.00  | 39.90  | 60.49#  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW040122\  
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Manual IntegrationsAPPROVED

Quant Time: Apr 01 13:22:43 2022  
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 Quant Title : SFAM01.0  
 QLast Update : Fri Apr 01 13:21:41 2022  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 04/02/2022  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114  | 292759   | 25.000 | ug/L  | # 0.00   |
| 28) Chlorobenzene-d5          | 11.628 | 117  | 281669   | 25.000 | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152  | 144642   | 25.000 | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 4) Vinyl Chloride-d3          | 2.355  | 65   | 28706    | 7.162  | ug/L  | 0.00     |
| 7) Chloroethane-d5            | 2.891  | 69   | 14222    | 4.664  | ug/L  | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 4.025  | 63   | 38107    | 6.190  | ug/L  | 0.00     |
| 21) 2-Butanone-d5             | 7.080  | 46   | 11696    | 15.960 | ug/L  | 0.00     |
| 24) Chloroform-d              | 7.653  | 84   | 43826    | 6.279  | ug/L  | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65   | 25864    | 6.867  | ug/L  | 0.00     |
| 32) Benzene-d6                | 8.275  | 84   | 81291    | 5.911  | ug/L  | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67   | 24752    | 6.401  | ug/L  | 0.00     |
| 41) Toluene-d8                | 10.323 | 98   | 75133    | 5.543  | ug/L  | 0.00     |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79   | 11697    | 6.578  | ug/L  | 0.00     |
| 47) 2-Hexanone-d5             | 10.920 | 63   | 9579     | 14.475 | ug/L  | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 12.694 | 84   | 19978    | 5.973  | ug/L  | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152  | 24776    | 5.230  | ug/L  | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 2.007  | 85   | 5890     | 6.035  | ug/L  | # 86     |
| 3) Chloromethane              | 2.215  | 50   | 15878    | 5.351  | ug/L  | 93       |
| 5) Vinyl chloride             | 2.361  | 62   | 29085    | 6.248  | ug/L  | 96       |
| 6) Bromomethane               | 2.776  | 94   | 13931    | 4.544  | ug/L  | 80       |
| 8) Chloroethane               | 2.928  | 64   | 10920    | 4.437  | ug/L  | 94       |
| 9) Trichlorofluoromethane     | 3.251  | 101  | 8197     | 3.048  | ug/L  | 96       |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.068  | 101  | 18382    | 5.055  | ug/L  | # 47     |
| 12) 1,1-Dichloroethene        | 4.050  | 96   | 17171    | 5.359  | ug/L  | 88       |
| 13) Acetone                   | 4.123  | 43   | 6853     | 11.924 | ug/L  | 97       |
| 14) Carbon disulfide          | 4.385  | 76   | 54702    | 6.212  | ug/L  | 97       |
| 15) Methyl Acetate            | 4.678  | 43   | 9221     | 6.675  | ug/L  | 93       |
| 16) Methylene chloride        | 4.921  | 84   | 22526    | 5.920  | ug/L  | 83       |
| 17) trans-1,2-Dichloroethene  | 5.428  | 96   | 21414    | 5.953  | ug/L  | 98       |
| 18) Methyl tert-butyl Ether   | 5.428  | 73   | 36681    | 7.110  | ug/L  | # 89     |
| 19) 1,1-Dichloroethane        | 6.208  | 63   | 38518m   | 6.406  | ug/L  |          |
| 20) cis-1,2-Dichloroethene    | 7.171  | 96   | 22636    | 5.845  | ug/L  | # 86     |
| 22) 2-Butanone                | 7.177  | 43   | 11715    | 13.652 | ug/L  | 80       |
| 23) Bromochloromethane        | 7.519  | 128  | 9798m    | 5.336  | ug/L  |          |
| 25) Chloroform                | 7.677  | 83   | 40069    | 5.912  | ug/L  | 99       |
| 27) 1,2-Dichloroethane        | 8.403  | 62   | 28712    | 6.448  | ug/L  | 99       |
| 29) Cyclohexane               | 7.958  | 56   | 36459    | 6.850  | ug/L  | 91       |
| 30) 1,1,1-Trichloroethane     | 7.872  | 97   | 33862    | 5.682  | ug/L  | 93       |
| 31) Carbon tetrachloride      | 8.067  | 117  | 30513    | 5.439  | ug/L  | 96       |
| 33) Benzene                   | 8.323  | 78   | 85123    | 5.768  | ug/L  | 100      |
| 34) Trichloroethene           | 9.091  | 95   | 22728    | 5.487  | ug/L  | 92       |
| 35) Methylcyclohexane         | 9.329  | 83   | 40289    | 6.146  | ug/L  | 89       |
| 37) 1,2-Dichloropropane       | 9.366  | 63   | 21985    | 6.318  | ug/L  | 100      |
| 38) Bromodichloromethane      | 9.646  | 83   | 29261    | 5.906  | ug/L  | # 97     |
| 39) cis-1,3-Dichloropropene   | 10.073 | 75   | 33968    | 6.343  | ug/L  | 96       |
| 40) 4-Methyl-2-pentanone      | 10.207 | 43   | 29722    | 14.980 | ug/L  | # 91     |
| 42) Toluene                   | 10.384 | 91   | 94318    | 5.667  | ug/L  | 100      |
| 44) trans-1,3-Dichloropropene | 10.603 | 75   | 30479    | 6.239  | ug/L  | 96       |

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 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| 45) 1,1,2-Trichloroethane     | 10.786 | 97   | 15749    | 5.350  | ug/L   | 89       |
| 46) Tetrachloroethene         | 10.859 | 164  | 15843    | 4.569  | ug/L   | 86       |
| 48) 2-Hexanone                | 10.963 | 43   | 21737m   | 15.923 | ug/L   |          |
| 49) Dibromochloromethane      | 11.128 | 129  | 19109    | 5.306  | ug/L   | 95       |
| 50) 1,2-Dibromoethane         | 11.231 | 107  | 15500    | 5.421  | ug/L   | 95       |
| 51) Chlorobenzene             | 11.652 | 112  | 60167    | 5.341  | ug/L # | 89       |
| 52) Ethylbenzene              | 11.725 | 91   | 105252   | 5.710  | ug/L   | 99       |
| 53) m,p-Xylene                | 11.835 | 106  | 39704    | 5.330  | ug/L   | 94       |
| 54) o-Xylene                  | 12.158 | 106  | 38772    | 5.551  | ug/L   | 94       |
| 55) Styrene                   | 12.182 | 104  | 67782    | 5.716  | ug/L   | 92       |
| 57) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 19772    | 5.689  | ug/L   | 96       |
| 59) Bromoform                 | 12.347 | 173  | 9672     | 4.834  | ug/L # | 95       |
| 60) Isopropylbenzene          | 12.463 | 105  | 101160   | 5.428  | ug/L # | 96       |
| 61) 1,2,3-Trichloropropane    | 12.768 | 75   | 14873    | 6.008  | ug/L   | 95       |
| 62) 1,3,5-Trimethylbenzene    | 12.938 | 105  | 57036    | 4.813  | ug/L   | 94       |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 84363    | 5.538  | ug/L   | 94       |
| 64) 1,3-Dichlorobenzene       | 13.499 | 146  | 40157    | 4.564  | ug/L   | 86       |
| 65) 1,4-Dichlorobenzene       | 13.578 | 146  | 44615    | 4.979  | ug/L   | 98       |
| 67) 1,2-Dichlorobenzene       | 13.865 | 146  | 38827    | 4.927  | ug/L   | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 14.481 | 75   | 4025     | 7.482  | ug/L   | 97       |
| 69) 1,3,5-Trichlorobenzene    | 14.621 | 180  | 28622    | 4.617  | ug/L   | 96       |
| 70) 1,2,4-trichlorobenzene    | 15.127 | 180  | 22251    | 4.612  | ug/L   | 100      |
| 71) Naphthalene               | 15.359 | 128  | 51010    | 5.795  | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 15.548 | 180  | 19580    | 4.687  | ug/L   | 94       |
| -----                         |        |      |          |        |        |          |

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

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