

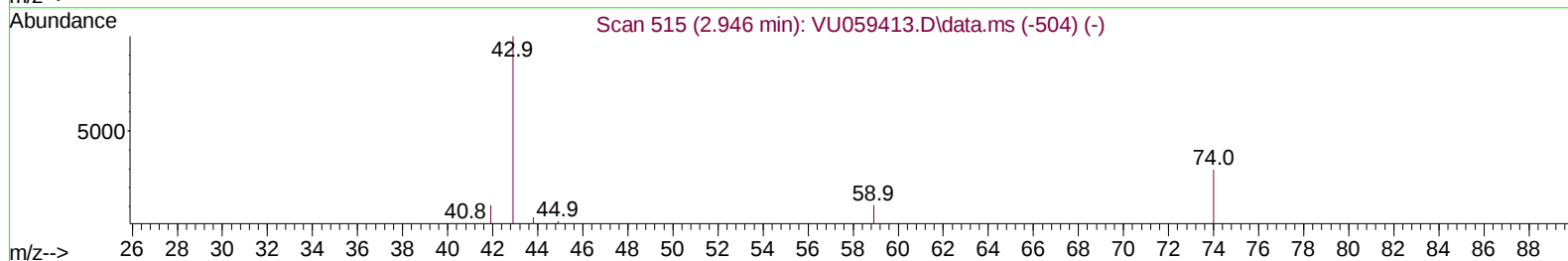
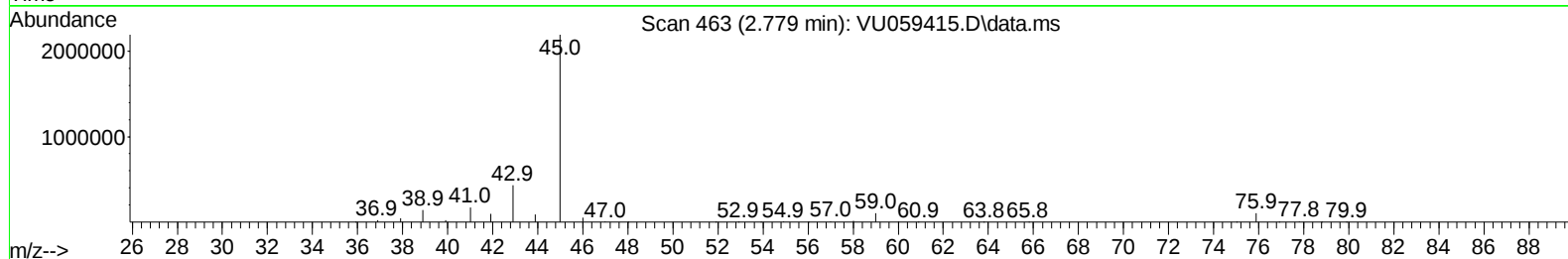
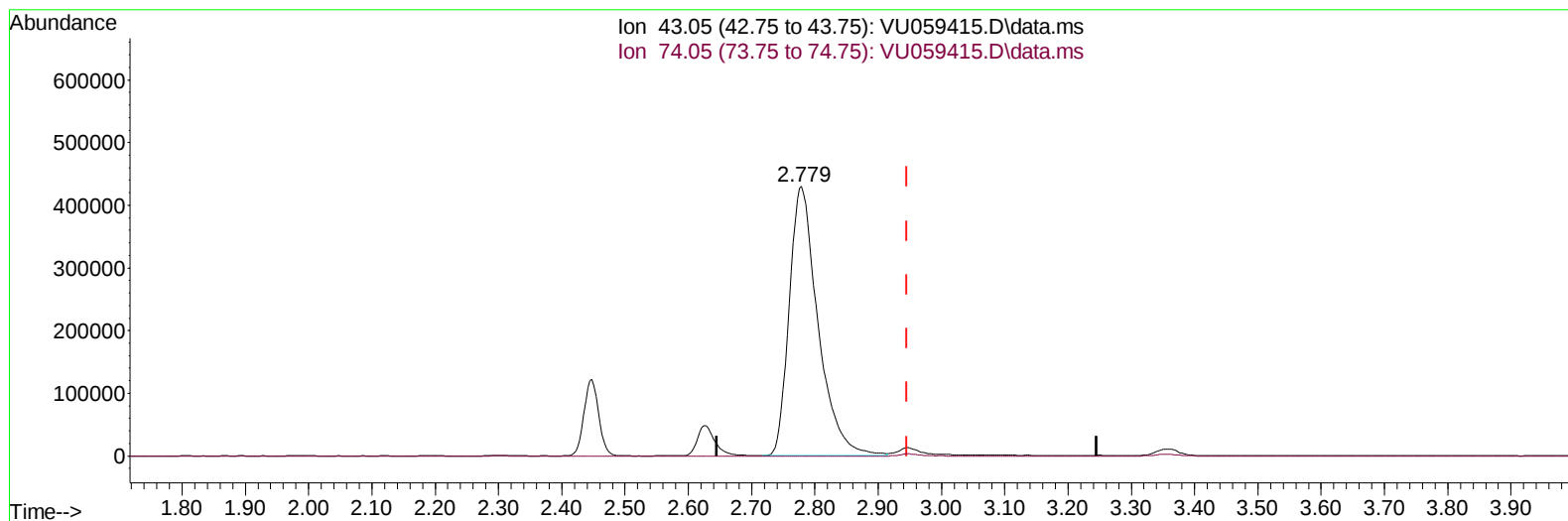
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU062224\  
Data File : VU059415.D  
Acq On : 21 Jun 2024 17:35  
Operator : MD/SY  
Sample : P2898-10MSD  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
E1GB1MSD

## Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 06/25/2024  
Supervised By :Semsettin Yesilyurt 06/25/2024

Quant Time: Jun 22 01:37:31 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR061724WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Sat Jun 22 01:35:04 2024  
Response via : Initial Calibration



TIC: VU059415.D\data.ms

## (15) Methyl Acetate (T)

2.779min (-0.167) 327.99 ug/L

response 1355030

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.05 | 100.00 | 100.00 |
| 74.05 | 24.00  | 0.46#  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

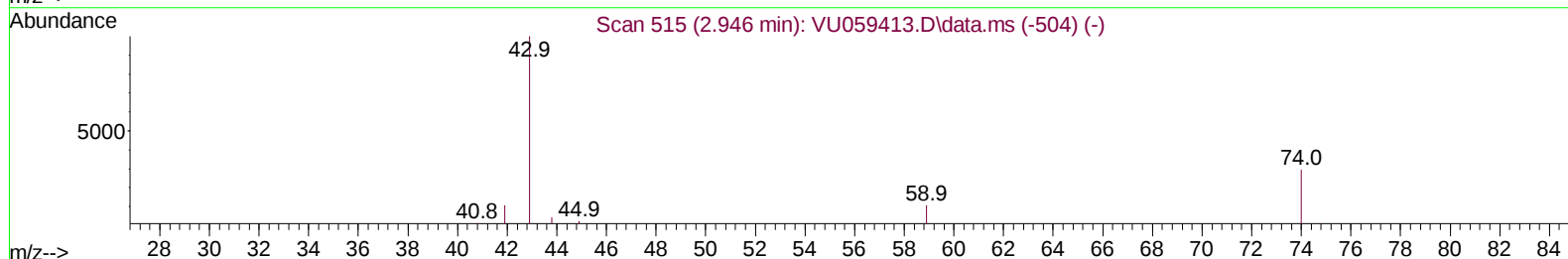
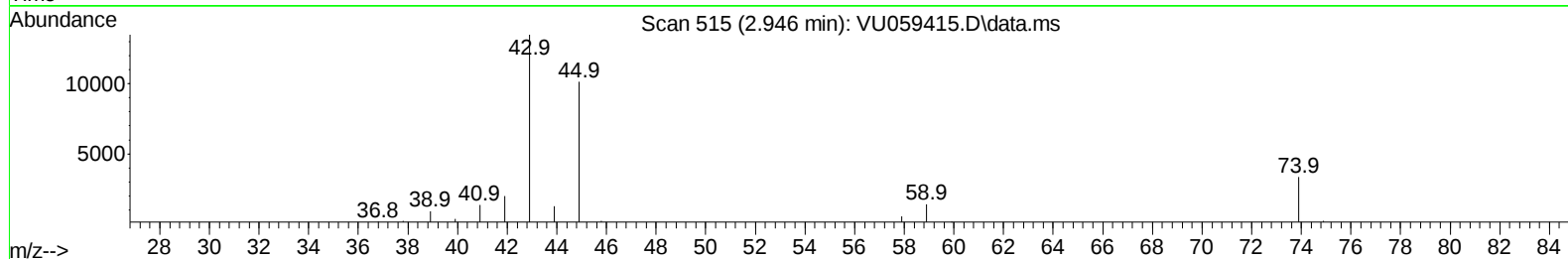
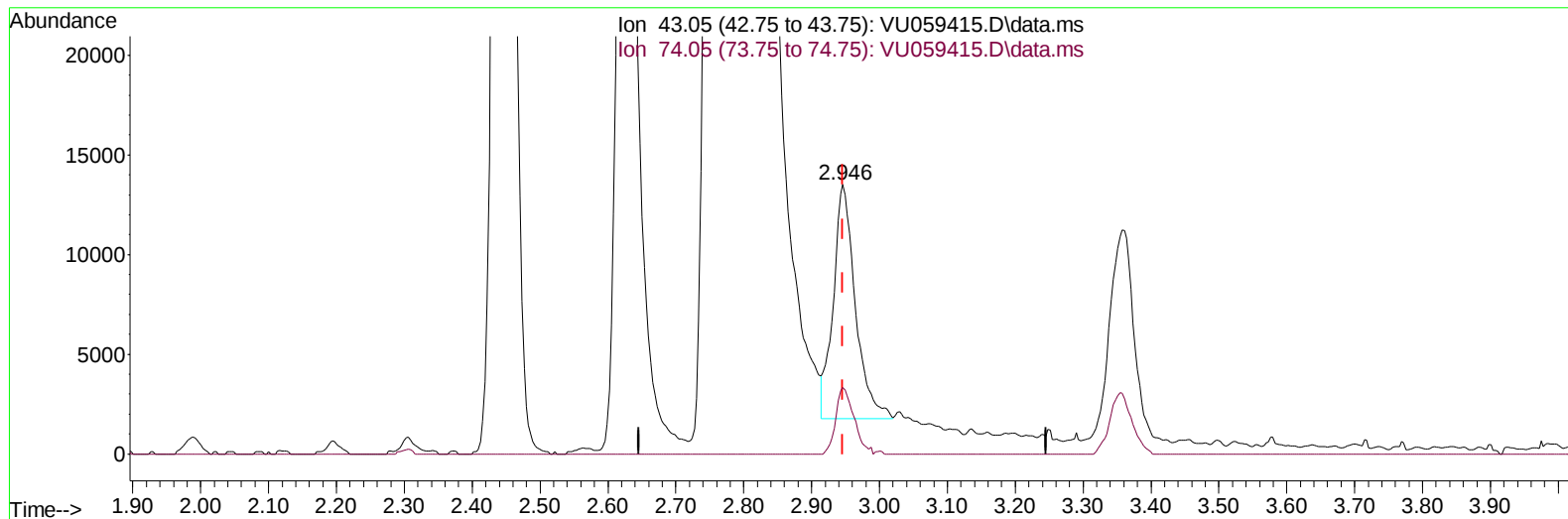
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TIC: VU059415.D\data.ms

(15) Methyl Acetate (T)

2.946min (-0.000) 6.41 ug/L m

response 26477

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.05 | 100.00 | 100.00 |
| 74.05 | 24.00  | 23.58  |
| 0.00  | 0.00   | 0.00   |
| 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        | 6.245    | 114   | 168495   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.415    | 117   | 166320   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807   | 152   | 89378    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |          |       |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.592    | 65    | 44449    | 3.794  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 40 | - 130 | Recovery | =      | 75.800%  |          |
| 7) Chloroethane-d5            | 1.904    | 69    | 46278    | 4.105  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 65 | - 130 | Recovery | =      | 82.200%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.557    | 65    | 17925    | 3.688  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 60 | - 125 | Recovery | =      | 73.800%  |          |
| 20) 2-Butanone-d5             | 4.618    | 46    | 139253   | 57.700 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 40 | - 130 | Recovery | =      | 115.400% |          |
| 24) Chloroform-d              | 5.058    | 84    | 106341   | 4.422  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 70 | - 125 | Recovery | =      | 88.400%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.698    | 65    | 53059    | 4.580  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 70 | - 130 | Recovery | =      | 91.600%  |          |
| 32) Benzene-d6                | 5.721    | 84    | 202966   | 4.434  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 70 | - 125 | Recovery | =      | 88.600%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.685    | 67    | 64957    | 4.631  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 60 | - 140 | Recovery | =      | 92.600%  |          |
| 41) Toluene-d8                | 7.894    | 98    | 179041   | 4.207  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 70 | - 130 | Recovery | =      | 84.200%  |          |
| 43) trans-1,3-Dichloroprop... | 8.177    | 79    | 22226    | 5.060  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 55 | - 130 | Recovery | =      | 101.200% |          |
| 46) 2-Hexanone-d5             | 8.627    | 63    | 111081   | 60.869 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 45 | - 130 | Recovery | =      | 121.740% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753   | 84    | 60469    | 5.218  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 65 | - 120 | Recovery | =      | 104.400% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.190   | 152   | 71561    | 4.498  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 80 | - 120 | Recovery | =      | 90.000%  |          |
| Target Compounds              |          |       |          |        |          |          |
|                               |          |       |          |        |          | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.380    | 85    | 69531    | 4.870  | ug/L     | 97       |
| 3) Chloromethane              | 1.518    | 50    | 78020    | 5.077  | ug/L     | 100      |
| 5) Vinyl chloride             | 1.599    | 62    | 100301   | 5.909  | ug/L     | 98       |
| 6) Bromomethane               | 1.849    | 94    | 55257    | 4.682  | ug/L     | 95       |
| 8) Chloroethane               | 1.927    | 64    | 52780    | 5.160  | ug/L     | 99       |
| 9) Trichlorofluoromethane     | 2.132    | 101   | 100613   | 4.924  | ug/L     | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.573    | 101   | 63202    | 4.886  | ug/L     | 94       |
| 12) 1,1-Dichloroethene        | 2.573    | 96    | 59574    | 4.985  | ug/L     | 83       |
| 13) Acetone                   | 2.624    | 43    | 94670    | 60.471 | ug/L     | 96       |
| 14) Carbon disulfide          | 2.785    | 76    | 195935   | 4.914  | ug/L     | 98       |
| 15) Methyl Acetate            | 2.946    | 43    | 26477m   | 6.409  | ug/L     |          |
| 16) Methylene chloride        | 3.039    | 84    | 68963    | 4.870  | ug/L     | 92       |
| 17) Methyl tert-butyl Ether   | 3.357    | 73    | 147082   | 5.712  | ug/L     | 99       |
| 18) trans-1,2-Dichloroethene  | 3.348    | 96    | 65208    | 5.247  | ug/L     | 91       |
| 19) 1,1-Dichloroethane        | 3.862    | 63    | 116635   | 5.089  | ug/L     | 96       |
| 21) 2-Butanone                | 4.698    | 43    | 150865   | 60.081 | ug/L     | 88       |
| 22) cis-1,2-Dichloroethene    | 4.660    | 96    | 253404   | 18.498 | ug/L     | 95       |
| 23) Bromochloromethane        | 4.968    | 128   | 33641    | 5.387  | ug/L     | 91       |

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 Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 06/25/2024  
 Supervised By :Semsettin Yesilyurt 06/25/2024

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 25) Chloroform                | 5.081  | 83   | 125152   | 5.185  | ug/L  | 97       |
| 27) 1,2-Dichloroethane        | 5.788  | 62   | 76932    | 5.259  | ug/L  | 100      |
| 29) 1,1,1-Trichloroethane     | 5.309  | 97   | 96289    | 5.013  | ug/L  | 98       |
| 30) Cyclohexane               | 5.383  | 56   | 91140    | 5.375  | ug/L  | 93       |
| 31) Carbon tetrachloride      | 5.518  | 117  | 82223    | 5.113  | ug/L  | 100      |
| 33) Benzene                   | 5.769  | 78   | 271281   | 5.371  | ug/L  | 100      |
| 34) Trichloroethene           | 6.537  | 95   | 100595   | 7.354  | ug/L  | 98       |
| 35) Methylcyclohexane         | 6.759  | 83   | 102501   | 5.267  | ug/L  | 95       |
| 37) 1,2-Dichloropropane       | 6.785  | 63   | 70733    | 5.412  | ug/L  | 98       |
| 38) Bromodichloromethane      | 7.100  | 83   | 86939    | 5.329  | ug/L  | 95       |
| 39) cis-1,3-Dichloropropene   | 7.605  | 75   | 97548    | 5.457  | ug/L  | 98       |
| 40) 4-Methyl-2-pentanone      | 7.785  | 43   | 373632   | 61.691 | ug/L  | 95       |
| 42) Toluene                   | 7.965  | 91   | 307473   | 5.750  | ug/L  | 100      |
| 44) trans-1,3-Dichloropropene | 8.206  | 75   | 80027    | 5.578  | ug/L  | 96       |
| 45) 1,1,2-Trichloroethane     | 8.396  | 97   | 54232    | 5.631  | ug/L  | 96       |
| 47) Tetrachloroethene         | 8.550  | 164  | 57314    | 5.400  | ug/L  | 95       |
| 48) 2-Hexanone                | 8.679  | 43   | 272055   | 62.940 | ug/L  | 95       |
| 49) Dibromochloromethane      | 8.804  | 129  | 58038    | 5.440  | ug/L  | 98       |
| 50) 1,2-Dibromoethane         | 8.920  | 107  | 50902    | 5.723  | ug/L  | 99       |
| 51) Chlorobenzene             | 9.444  | 112  | 182376   | 5.378  | ug/L  | 96       |
| 52) Ethylbenzene              | 9.566  | 91   | 301820   | 5.502  | ug/L  | 97       |
| 53) m,p-Xylene                | 9.692  | 106  | 116502   | 5.530  | ug/L  | 100      |
| 54) o-Xylene                  | 10.097 | 106  | 111253   | 5.564  | ug/L  | 99       |
| 55) Styrene                   | 10.110 | 104  | 190864   | 5.608  | ug/L  | 97       |
| 57) 1,1,2,2-Tetrachloroethane | 10.778 | 83   | 65417    | 5.599  | ug/L  | 100      |
| 59) Bromoform                 | 10.286 | 173  | 36018    | 5.266  | ug/L  | 99       |
| 60) Isopropylbenzene          | 10.479 | 105  | 290930   | 5.269  | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 10.817 | 75   | 44829    | 5.428  | ug/L  | 96       |
| 62) 1,3,5-Trimethylbenzene    | 11.084 | 105  | 230454   | 5.269  | ug/L  | 99       |
| 63) 1,2,4-Trimethylbenzene    | 11.466 | 105  | 229613   | 5.491  | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 11.743 | 146  | 146569   | 5.219  | ug/L  | 99       |
| 65) 1,4-Dichlorobenzene       | 11.833 | 146  | 145161   | 5.022  | ug/L  | 100      |
| 67) 1,2-Dichlorobenzene       | 12.209 | 146  | 135968   | 5.145  | ug/L  | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 12.994 | 75   | 10042    | 6.233  | ug/L  | 93       |
| 69) 1,3,5-Trichlorobenzene    | 13.216 | 180  | 105227   | 5.062  | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.836 | 180  | 86375    | 5.417  | ug/L  | 99       |
| 71) Naphthalene               | 14.084 | 128  | 132680   | 5.813  | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 14.325 | 180  | 79954    | 5.400  | ug/L  | 97       |

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

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