

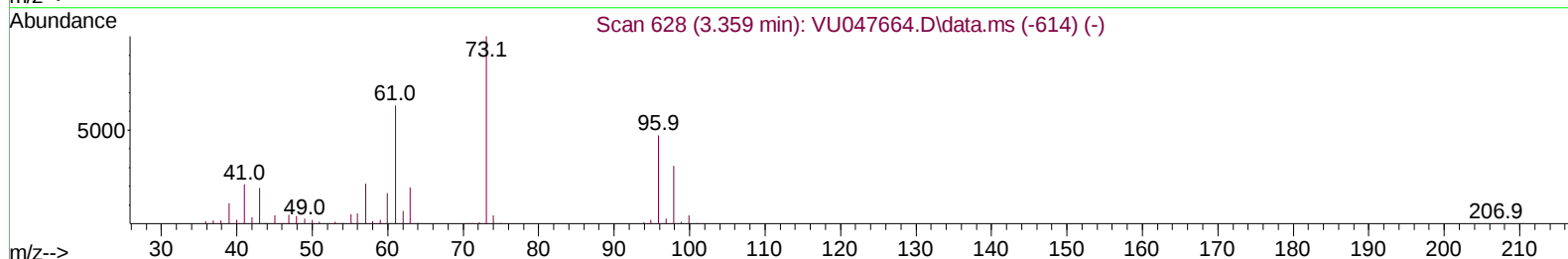
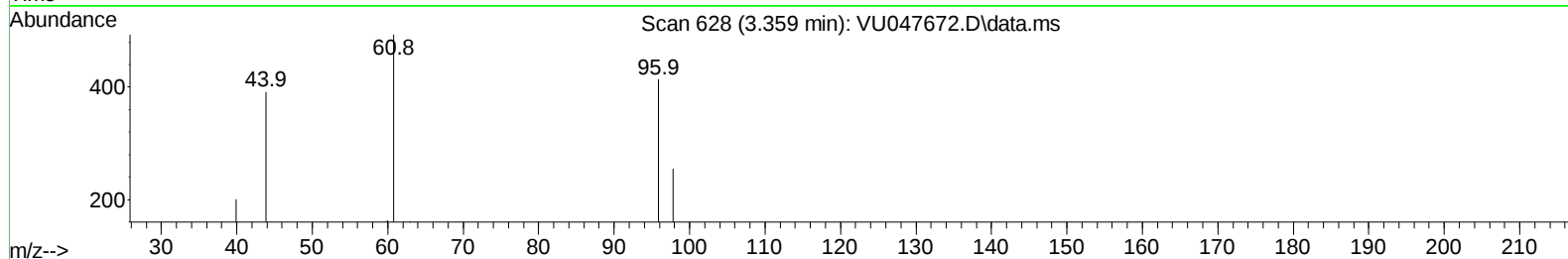
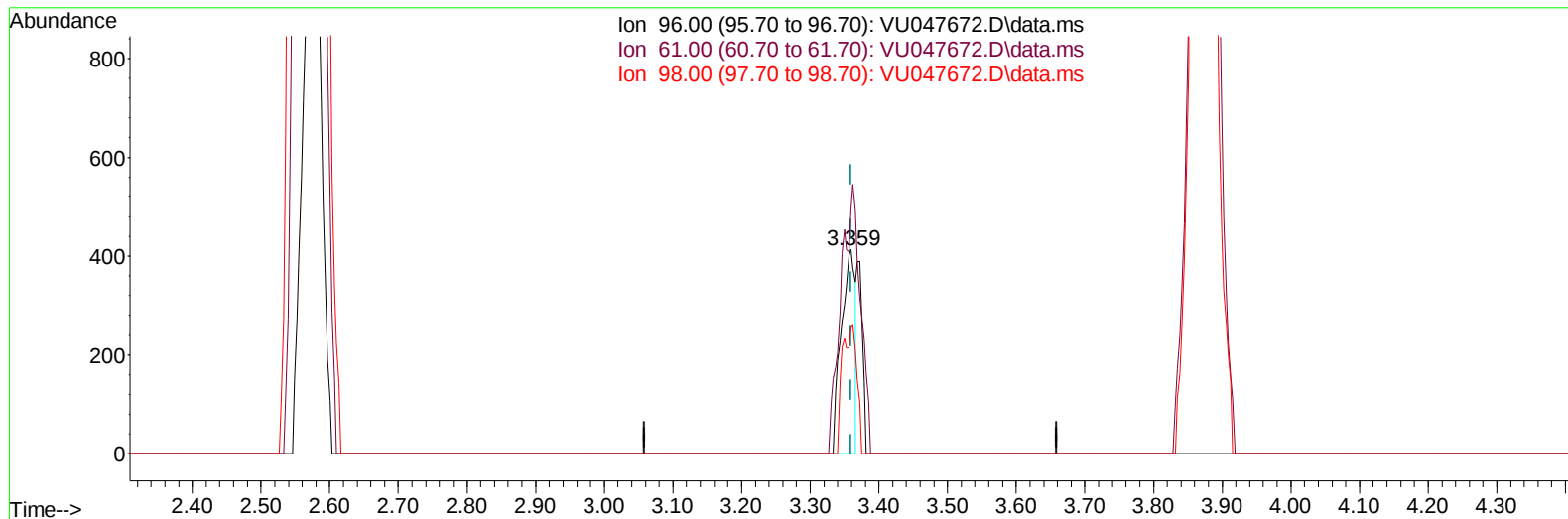
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU032522\  
Data File : VU047672.D  
Acq On : 25 Mar 2022 14:44  
Operator : SY/MD  
Sample : N2081-06DL 10X  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
EW5X5DL

## Manual IntegrationsAPPROVED

Reviewed By :John Carlone 03/26/2022  
Supervised By :Mahesh Dadoda 03/28/2022

Quant Time: Mar 26 02:09:07 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM032422WMA.M  
Quant Title : VOC Analysis  
QLast Update : Sat Mar 26 02:04:39 2022  
Response via : Initial Calibration



TIC: VU047672.D\data.ms

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

3.359min ( 0.000) 2.54 ug/L

response 578

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 61.00 | 126.30 | 119.08 |
| 98.00 | 61.90  | 61.59  |
| 0.00  | 0.00   | 0.00   |

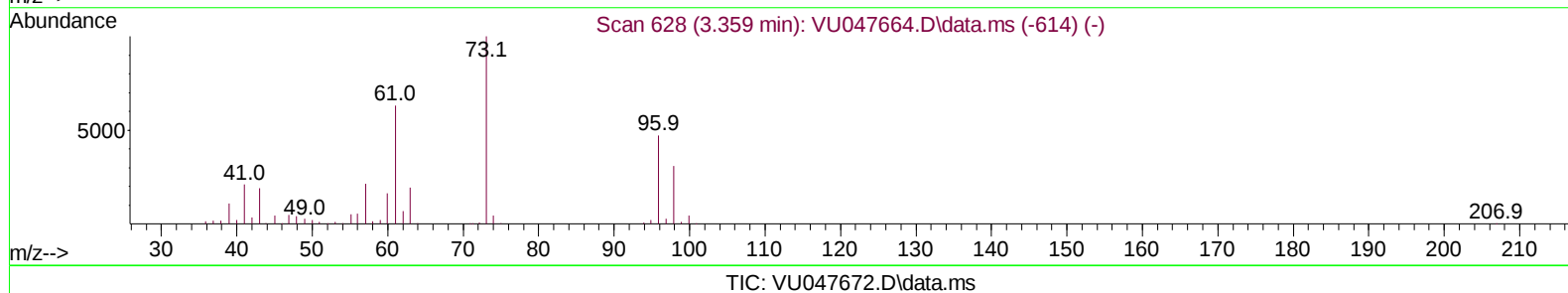
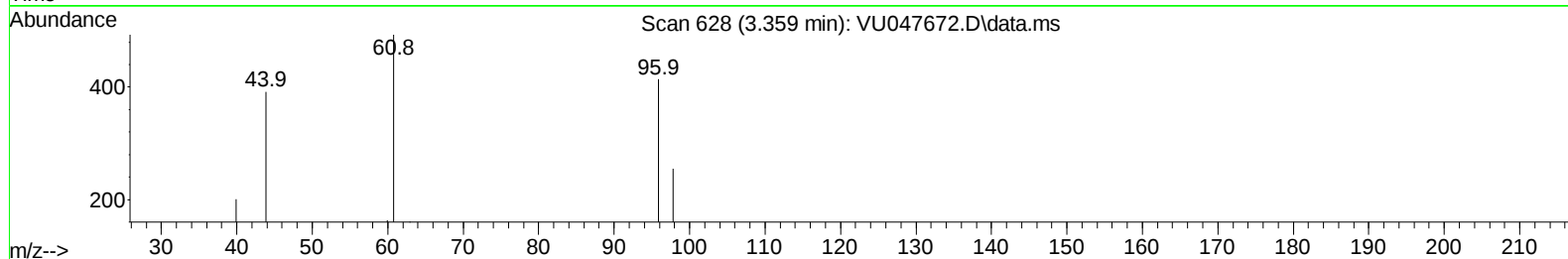
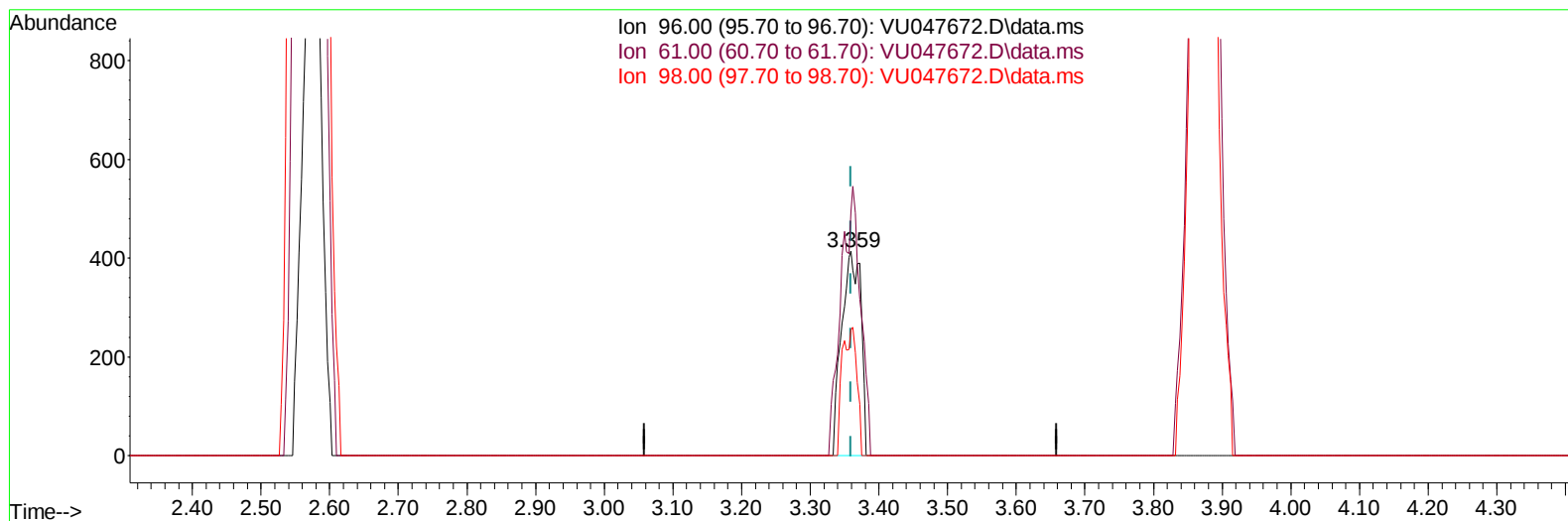
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(17) trans-1,2-Dichloroethene (T)

3.359min ( 0.000) 3.56 ug/L m

response 810

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 61.00 | 126.30 | 119.08 |
| 98.00 | 61.90  | 61.59  |
| 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        | 6.253    | 114   | 30788    | 50.000      | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.420    | 117   | 33194    | 50.000      | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.815   | 152   | 20953    | 50.000      | ug/L   | 0.00     |
| System Monitoring Compounds   |          |       |          |             |        |          |
| 4) Vinyl Chloride-d3          | 1.600    | 65    | 96817    | 433.644     | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 | - 135 | Recovery | = 867.280%# |        |          |
| 7) Chloroethane-d5            | 1.915    | 69    | 84610    | 480.619     | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 130 | Recovery | = 961.240%# |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.568    | 63    | 128970   | 315.732     | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 | - 125 | Recovery | = 631.460%# |        |          |
| 21) 2-Butanone-d5             | 4.645    | 46    | 176922   | 923.238     | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 | - 130 | Recovery | = 923.240%# |        |          |
| 24) Chloroform-d              | 5.066    | 84    | 169114   | 413.974     | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 125 | Recovery | = 827.940%# |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.703    | 65    | 113317   | 452.274     | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 125 | Recovery | = 904.540%# |        |          |
| 32) Benzene-d6                | 5.729    | 84    | 351394   | 420.703     | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 125 | Recovery | = 841.400%# |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.693    | 67    | 108245   | 421.985     | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 120 | Recovery | = 843.960%# |        |          |
| 41) Toluene-d8                | 7.899    | 98    | 316006   | 388.317     | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 | - 120 | Recovery | = 776.640%# |        |          |
| 43) trans-1,3-Dichloroprop... | 8.182    | 79    | 52451    | 403.609     | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 | - 125 | Recovery | = 807.220%# |        |          |
| 47) 2-Hexanone-d5             | 8.642    | 63    | 123778   | 824.288     | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 | - 130 | Recovery | = 824.290%# |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.761   | 84    | 177258   | 402.655     | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 | - 120 | Recovery | = 805.320%# |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.195   | 152   | 143290   | 384.388     | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 | - 120 | Recovery | = 768.780%# |        |          |
| Target Compounds              |          |       |          |             |        |          |
|                               |          |       |          |             | Qvalue |          |
| 5) vinyl chloride             | 1.607    | 62    | 19502    | 70.051      | ug/L   | 95       |
| 8) Chloroethane               | 1.938    | 64    | 6189     | 35.413      | ug/L   | 95       |
| 12) 1,1-Dichloroethene        | 2.575    | 96    | 2109     | 9.986       | ug/L # | 1        |
| 16) Methylene chloride        | 3.054    | 84    | 628      | 2.591       | ug/L   | 97       |
| 17) trans-1,2-Dichloroethene  | 3.359    | 96    | 810m     | 3.556       | ug/L   |          |
| 19) 1,1-Dichloroethane        | 3.870    | 63    | 80128    | 203.960     | ug/L   | 99       |
| 20) cis-1,2-Dichloroethene    | 4.671    | 96    | 83761    | 335.405     | ug/L   | 94       |
| 30) 1,1,1-Trichloroethane     | 5.317    | 97    | 40416    | 107.379     | ug/L   | 99       |
| 33) Benzene                   | 5.777    | 78    | 544      | 0.566       | ug/L   | 100      |
| 34) Trichloroethene           | 6.546    | 95    | 3300     | 13.101      | ug/L   | 97       |
| 35) Methylcyclohexane         | 6.764    | 83    | 1291     | 3.369       | ug/L # | 89       |
| 42) Toluene                   | 7.973    | 91    | 13780    | 13.071      | ug/L   | 99       |
| 46) Tetrachloroethene         | 8.552    | 164   | 6599     | 29.152      | ug/L   | 98       |
| 48) 2-Hexanone                | 8.697    | 43    | 4099     | 12.344      | ug/L # | 77       |
| 52) Ethylbenzene              | 9.571    | 91    | 14082    | 12.704      | ug/L   | 99       |
| 53) m,p-Xylene                | 9.697    | 106   | 5692     | 13.087      | ug/L   | 85       |
| 54) o-Xylene                  | 10.105   | 106   | 6357     | 14.891      | ug/L   | 90       |
| 61) Isopropylbenzene          | 10.484   | 105   | 4364     | 3.854       | ug/L   | 97       |

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| Compound                   | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|----------------------------|--------|------|----------|---------|--------|----------|
| 62) 1,3,5-Trimethylbenzene | 11.089 | 105  | 35103    | 57.133  | ug/L   | 99       |
| 63) 1,2,4-Trimethylbenzene | 11.468 | 105  | 155930   | 167.077 | ug/L   | 100      |
| 67) 1,2-Dichlorobenzene    | 12.211 | 146  | 853      | 1.354   | ug/L # | 26       |

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

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