

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU062124\  
 Data File : VU059402.D  
 Acq On : 21 Jun 2024 10:54  
 Operator : MD/SY  
 Sample : P2964-20  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Jun 22 00:03:20 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM052924WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Jun 22 00:01:31 2024  
 Response via : Initial Calibration

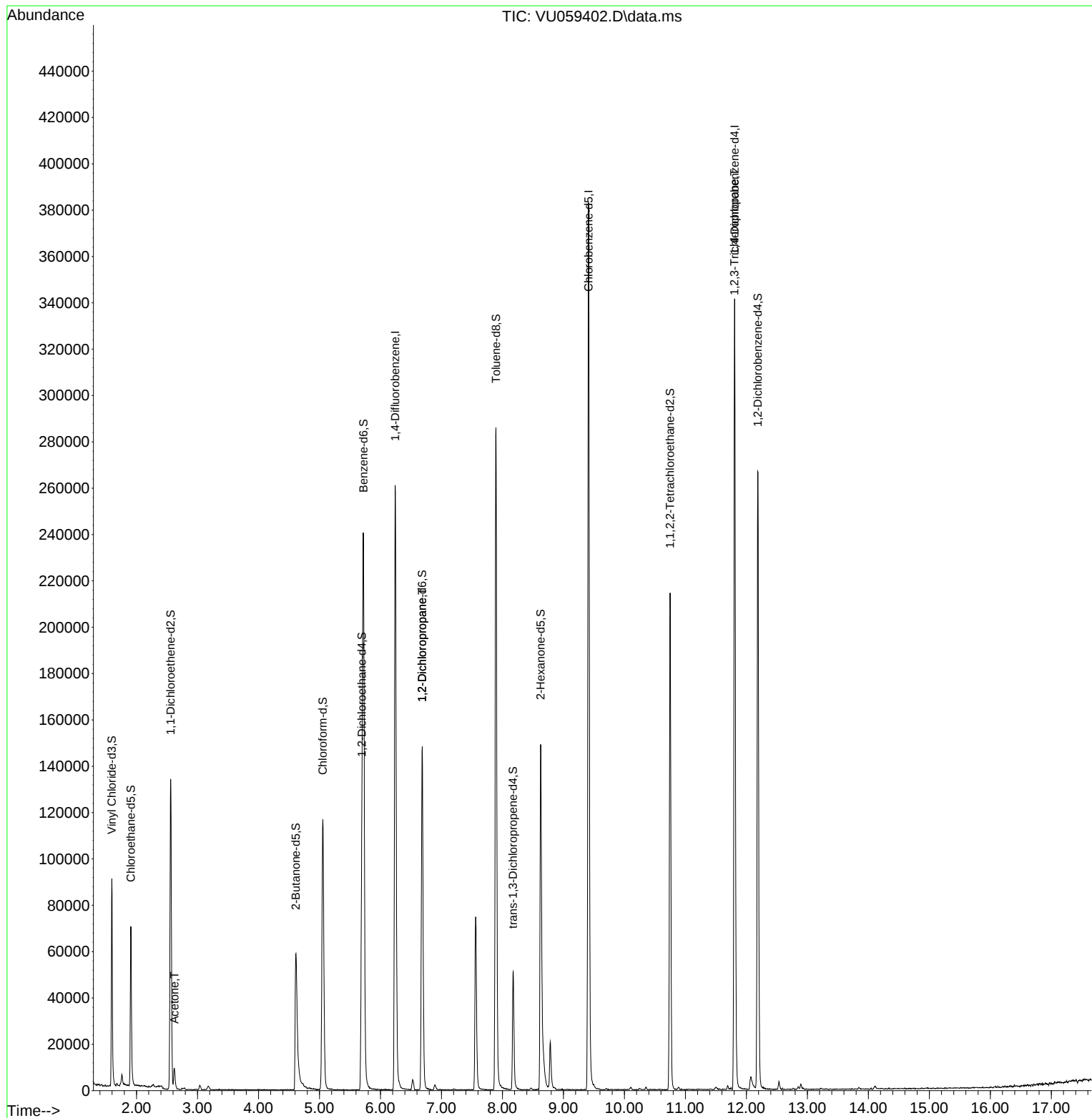
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242          | 114  | 221540     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412          | 117  | 227089     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807         | 152  | 96046      | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.596          | 65   | 66020      | 49.772   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 99.540%  |        |          |
| 7) Chloroethane-d5            | 1.907          | 69   | 53488      | 47.074   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 94.140%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.560          | 63   | 79173      | 30.239   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 60.480%  |        |          |
| 21) 2-Butanone-d5             | 4.612          | 46   | 90871      | 72.681   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 72.680%  |        |          |
| 24) Chloroform-d              | 5.055          | 84   | 110522     | 41.855   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 83.700%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.695          | 65   | 72469      | 44.776   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 89.560%  |        |          |
| 32) Benzene-d6                | 5.721          | 84   | 234775     | 45.045   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 90.080%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.685          | 67   | 72635      | 40.418   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 80.840%  |        |          |
| 41) Toluene-d8                | 7.894          | 98   | 205684     | 46.487   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 92.980%  |        |          |
| 43) trans-1,3-Dichloroprop... | 8.174          | 79   | 31195      | 42.944   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 85.880%  |        |          |
| 47) 2-Hexanone-d5             | 8.627          | 63   | 51766      | 62.291   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 62.290%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.750         | 84   | 109955     | 36.152   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 72.300%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.187         | 152  | 75862      | 52.927   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 105.860% |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          | Qvalue |          |
| 13) Acetone                   | 2.621          | 43   | 10364      | 7.052    | ug/L   | 97       |
| 37) 1,2-Dichloropropane       | 6.685          | 63   | 7608       | 3.267    | ug/L # | 90       |
| 60) 1,2,3-Trichloropropane    | 11.804         | 75   | 11181      | 4.186    | ug/L # | 69       |
| -----                         |                |      |            |          |        |          |

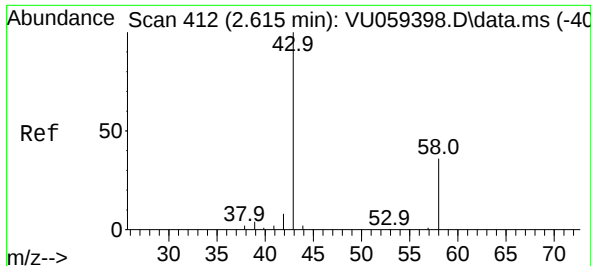
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Sat Jun 22 00:01:31 2024  
Response via : Initial Calibration





#13

Acetone

Concen: 7.052 ug/L

RT: 2.621 min Scan# 41

Delta R.T. 0.006 min

Lab File: VU059402.D

Acq: 21 Jun 2024 10:54

Instrument :

MSVOA\_U

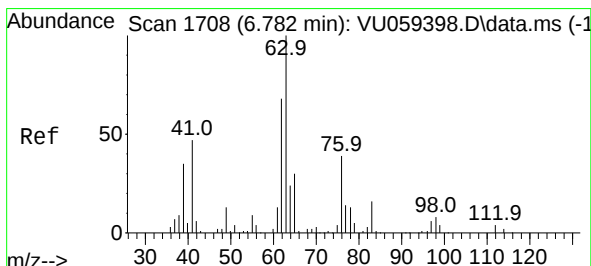
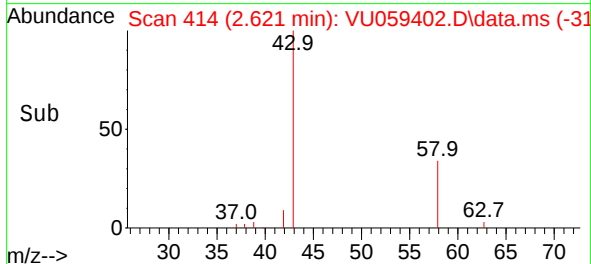
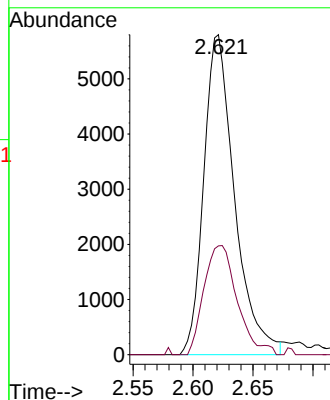
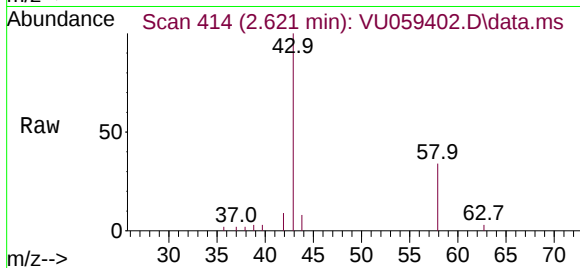
ClientSampleId :

Tgt Ion: 43 Resp: 10364

Ion Ratio Lower Upper

43 100

58 36.0 0.0 68.8



#37

1,2-Dichloropropane

Concen: 3.267 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.097 min

Lab File: VU059402.D

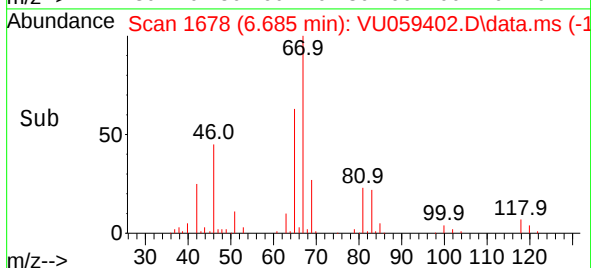
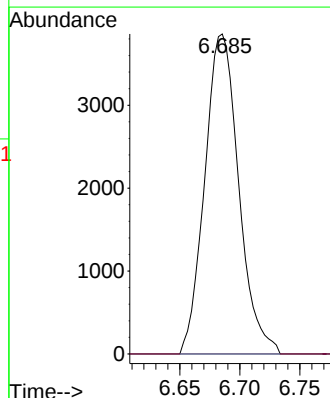
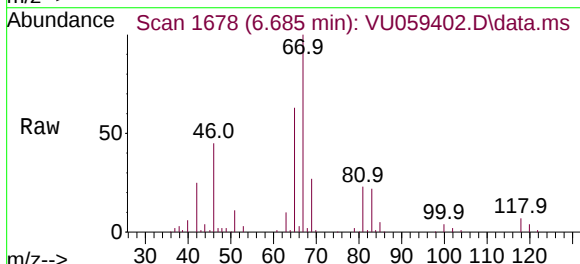
Acq: 21 Jun 2024 10:54

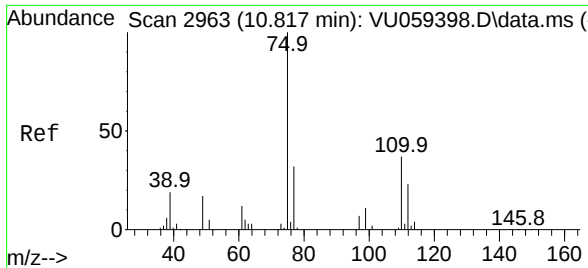
Tgt Ion: 63 Resp: 7608

Ion Ratio Lower Upper

63 100

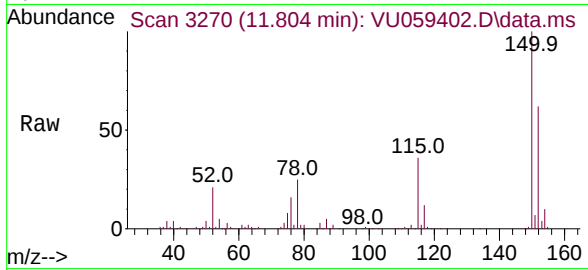
112 0.0 2.6 4.0#





#60  
 1,2,3-Trichloropropane  
 Concen: 4.186 ug/L  
 RT: 11.804 min Scan# 31  
 Delta R.T. 0.987 min  
 Lab File: VU059402.D  
 Acq: 21 Jun 2024 10:54

Instrument :  
 MSVOA\_U  
 ClientSampleId :



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 11181 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 33.3  | 26.2  | 39.2  |
| 110       | 1.1   | 28.4  | 42.6# |

