

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU050823\  
 Data File : VU054103.D  
 Acq On : 09 May 2023 00:39  
 Operator : JC/MD  
 Sample : 02663-13  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: May 09 06:13:29 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM042923WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat May 06 01:14:00 2023  
 Response via : Initial Calibration

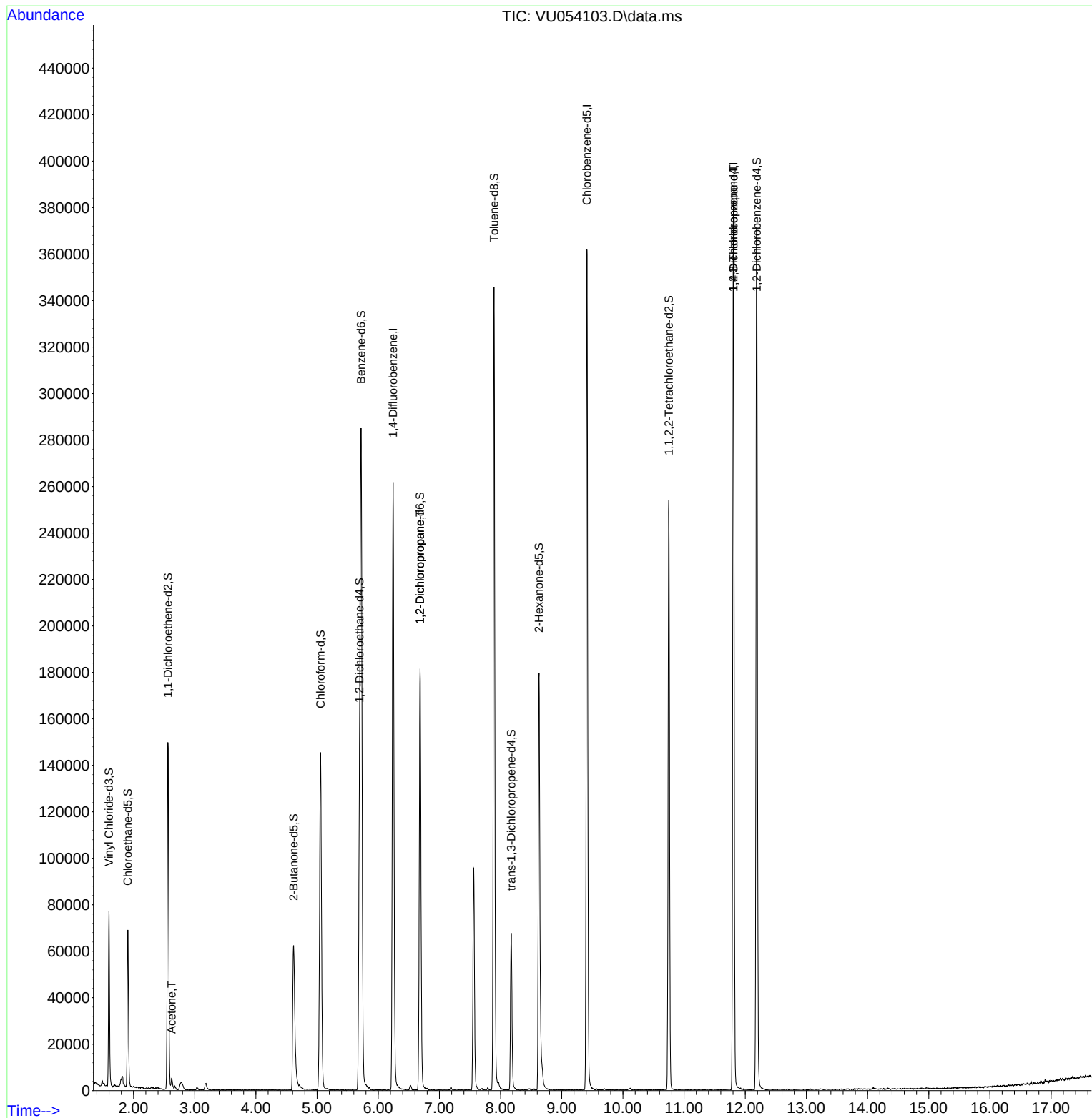
| Compound                      | R.T.    | QIon           | Response | Conc    | Units    | Dev(Min) |
|-------------------------------|---------|----------------|----------|---------|----------|----------|
| -----                         |         |                |          |         |          |          |
| Internal Standards            |         |                |          |         |          |          |
| 1) 1,4-Difluorobenzene        | 6.243   | 114            | 216830   | 50.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.410   | 117            | 208455   | 50.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.806  | 152            | 105011   | 50.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |         |                |          |         |          |          |
| 4) Vinyl Chloride-d3          | 1.597   | 65             | 58036    | 35.390  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 135 | Recovery | =       | 70.780%  |          |
| 7) Chloroethane-d5            | 1.906   | 69             | 52165    | 48.460  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 130 | Recovery | =       | 96.920%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.562   | 63             | 90507    | 31.117  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =       | 62.240%  |          |
| 21) 2-Butanone-d5             | 4.616   | 46             | 94017    | 100.521 | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 40 - 130 | Recovery | =       | 100.520% |          |
| 24) Chloroform-d              | 5.057   | 84             | 137850   | 45.769  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 91.540%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.693   | 65             | 90660    | 46.881  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 93.760%  |          |
| 32) Benzene-d6                | 5.719   | 84             | 264813   | 43.158  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 86.320%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.684   | 67             | 86998    | 44.913  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 120 | Recovery | =       | 89.820%  |          |
| 41) Toluene-d8                | 7.893   | 98             | 234421   | 42.317  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =       | 84.640%  |          |
| 43) trans-1,3-Dichloroprop... | 8.176   | 79             | 40863    | 42.628  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =       | 85.260%  |          |
| 47) 2-Hexanone-d5             | 8.626   | 63             | 61399    | 88.497  | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 45 - 130 | Recovery | =       | 88.500%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.751  | 84             | 123267   | 48.312  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 65 - 120 | Recovery | =       | 96.620%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.188  | 152            | 101477   | 49.467  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =       | 98.940%  |          |
| Target Compounds              |         |                |          |         |          |          |
|                               |         |                |          |         | Qvalue   |          |
| 13) Acetone                   | 2.623   | 43             | 6016     | 6.553   | ug/L     | 92       |
| 37) 1,2-Dichloropropane       | 6.684   | 63             | 9664     | 5.630   | ug/L #   | 87       |
| 60) 1,2,3-Trichloropropane    | 11.806  | 75             | 11524    | 5.908   | ug/L #   | 65       |
| -----                         |         |                |          |         |          |          |

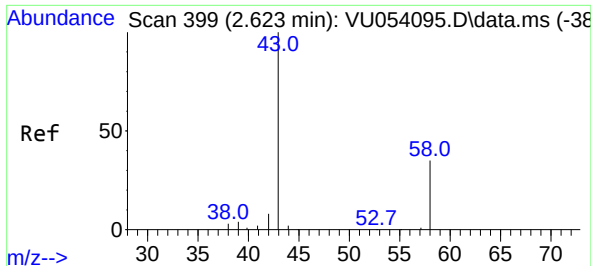
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat May 06 01:14:00 2023  
Response via : Initial Calibration





#13

Acetone

Concen: 6.553 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.010 min

Lab File: VU054103.D

Acq: 09 May 2023 00:39

Instrument :

MSVOA\_U

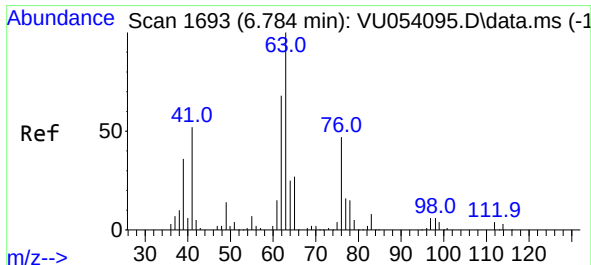
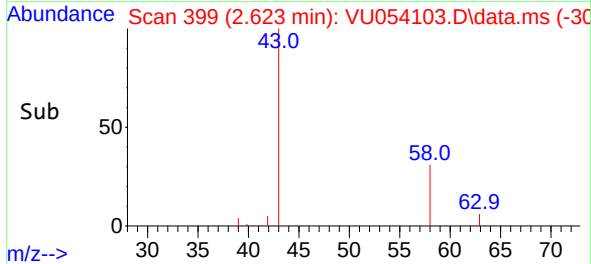
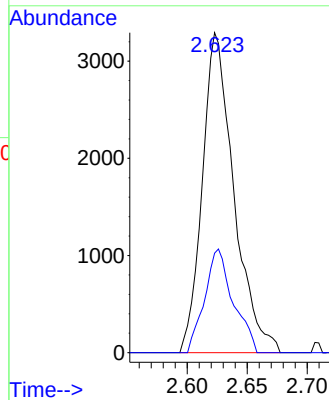
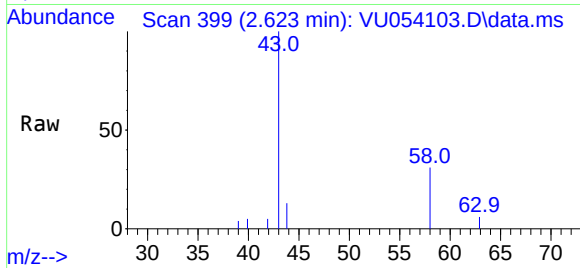
ClientSampleId :

Tgt Ion: 43 Resp: 6016

Ion Ratio Lower Upper

43 100

58 29.3 0.0 67.4



#37

1,2-Dichloropropane

Concen: 5.630 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.103 min

Lab File: VU054103.D

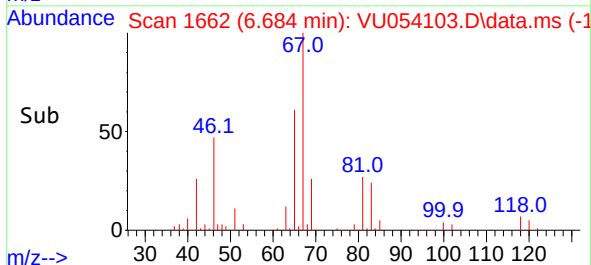
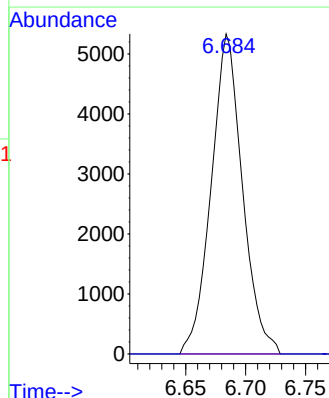
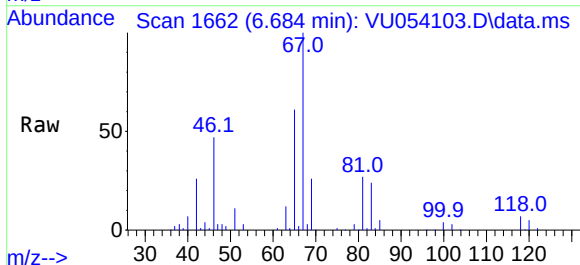
Acq: 09 May 2023 00:39

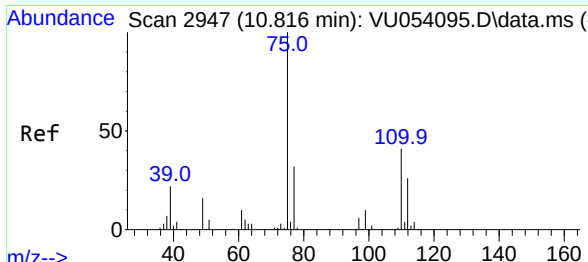
Tgt Ion: 63 Resp: 9664

Ion Ratio Lower Upper

63 100

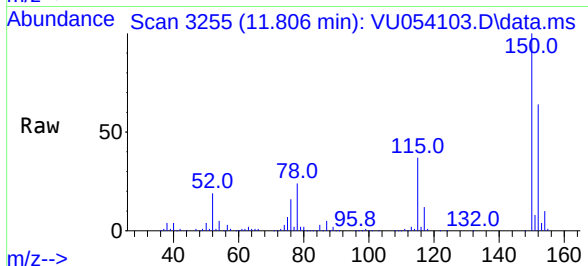
112 0.0 3.4 5.0#





#60  
1,2,3-Trichloropropane  
Concen: 5.908 ug/L  
RT: 11.806 min Scan# 31  
Delta R.T. 0.990 min  
Lab File: VU054103.D  
Acq: 09 May 2023 00:39

Instrument :  
MSVOA\_U  
ClientSampleId :



|             |                |
|-------------|----------------|
| Tgt Ion: 75 | Resp: 11524    |
| Ion Ratio   | Lower Upper    |
| 75          | 100            |
| 77          | 33.7 26.0 39.0 |
| 110         | 1.4 31.8 47.8# |

