

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU100223\  
 Data File : VU055598.D  
 Acq On : 02 Oct 2023 12:17  
 Operator : MD/SY  
 Sample : 04692-03  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Oct 02 13:30:56 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR091923WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Sep 27 23:33:30 2023  
 Response via : Initial Calibration

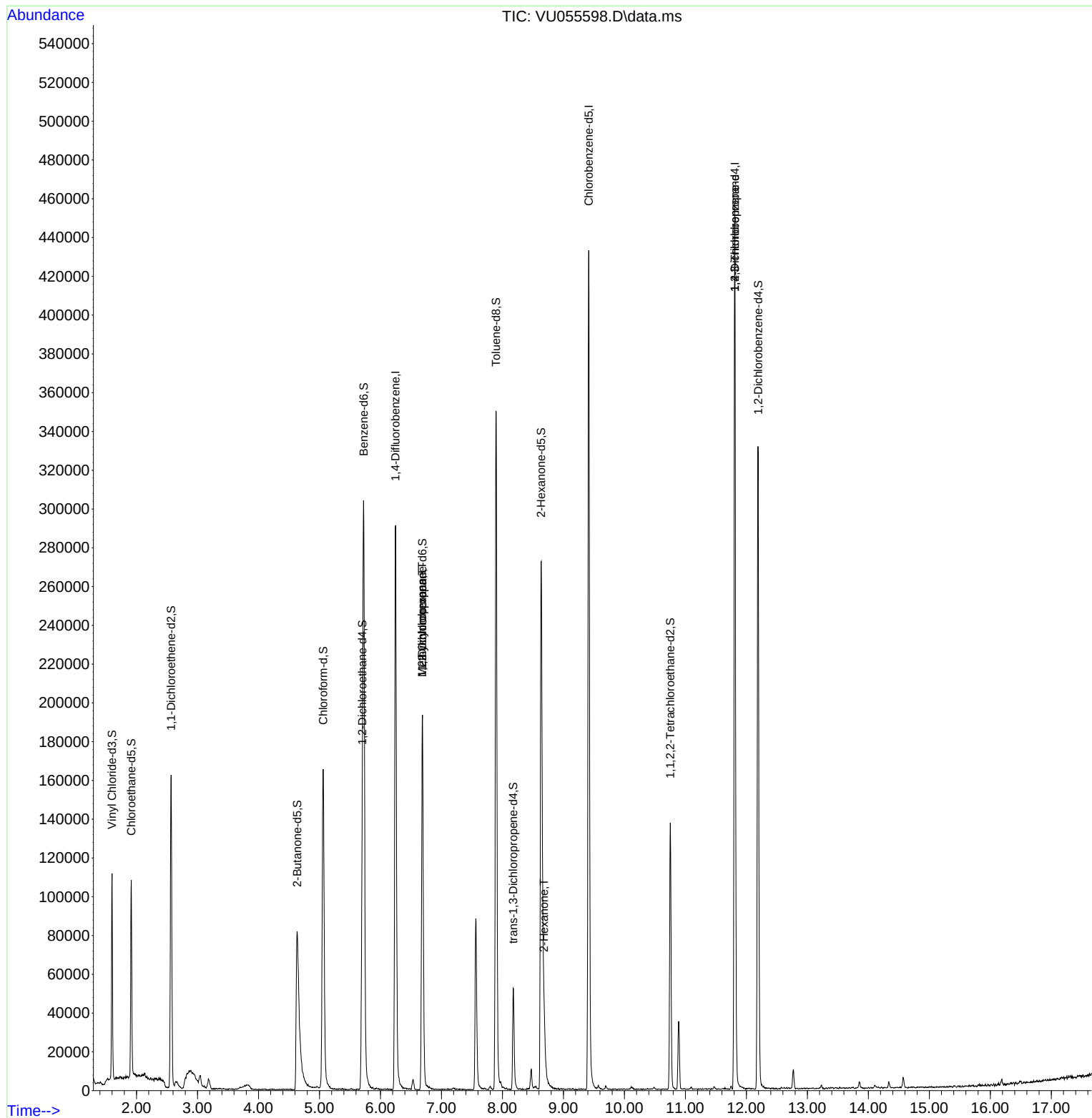
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.248  | 114   | 244705   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.415  | 117   | 252807   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.810 | 152   | 122318   | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.599  | 65    | 73795    | 2.984    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 59.600%  |
| 7) Chloroethane-d5            | 1.914  | 69    | 70892    | 3.253    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 65.000%  |
| 11) 1,1-Dichloroethene-d2     | 2.567  | 65    | 29218    | 2.870    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 57.400%# |
| 20) 2-Butanone-d5             | 4.634  | 46    | 161381   | 36.126   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 72.260%  |
| 24) Chloroform-d              | 5.062  | 84    | 156574   | 3.500    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 70.000%  |
| 26) 1,2-Dichloroethane-d4     | 5.701  | 65    | 75888    | 3.527    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 70.600%  |
| 32) Benzene-d6                | 5.724  | 84    | 296117   | 3.349    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 67.000%# |
| 36) 1,2-Dichloropropane-d6    | 6.689  | 67    | 95292    | 3.607    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 72.200%  |
| 41) Toluene-d8                | 7.894  | 98    | 248023   | 3.077    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 61.600%# |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 31695    | 3.418    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 68.400%  |
| 46) 2-Hexanone-d5             | 8.634  | 63    | 92985    | 32.971   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 65.940%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84    | 70747    | 3.573    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 71.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.193 | 152   | 88101    | 3.569    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 71.400%# |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 35) Methylcyclohexane         | 6.685  | 83    | 22419    | 0.756    | ug/L # | 20       |
| 37) 1,2-Dichloropropane       | 6.685  | 63    | 11322    | 0.595    | ug/L # | 92       |
| 48) 2-Hexanone                | 8.682  | 43    | 17444    | 2.607    | ug/L # | 85       |
| 61) 1,2,3-Trichloropropane    | 11.810 | 75    | 15259    | 1.598    | ug/L # | 69       |
| -----                         |        |       |          |          |        |          |

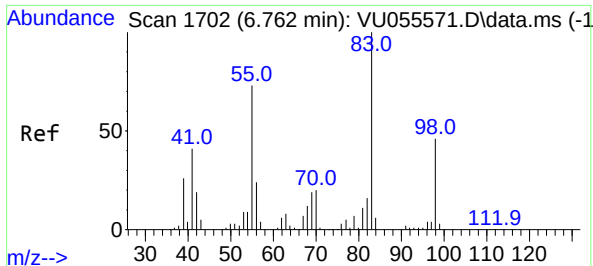
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 27 23:33:30 2023  
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#35

Methylcyclohexane

Concen: 0.756 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU055598.D

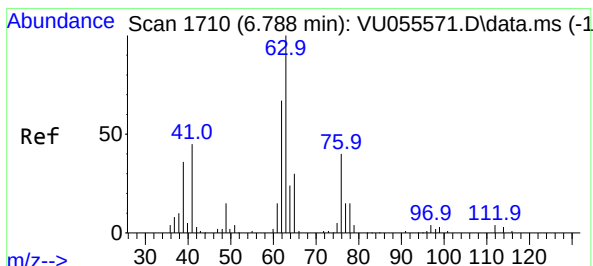
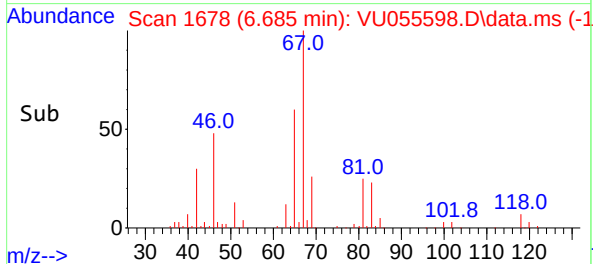
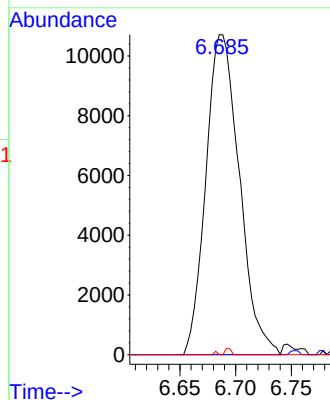
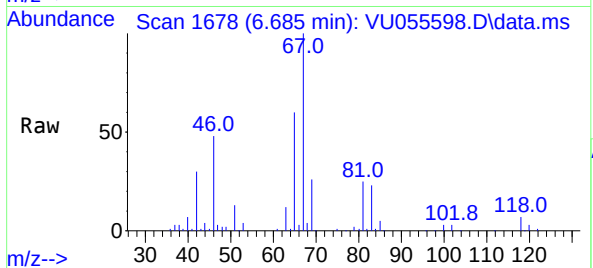
Acq: 02 Oct 2023 12:17

Instrument :

MSVOA\_U

ClientSampleId :

|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 22419 |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 55 0.0      | 59.1 88.7#  |
| 98 0.1      | 36.3 54.5#  |



#37

1,2-Dichloropropane

Concen: 0.595 ug/L

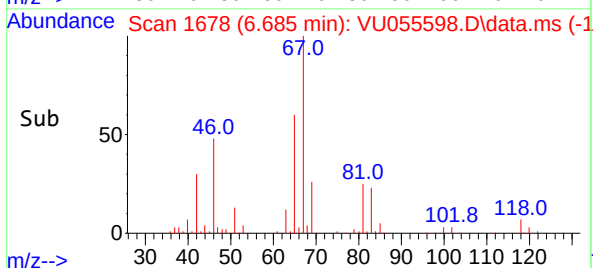
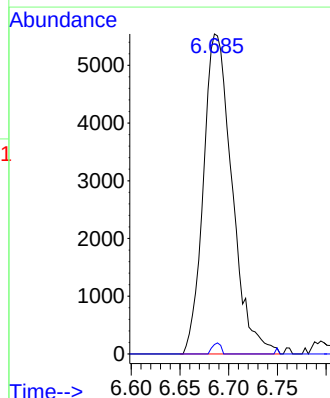
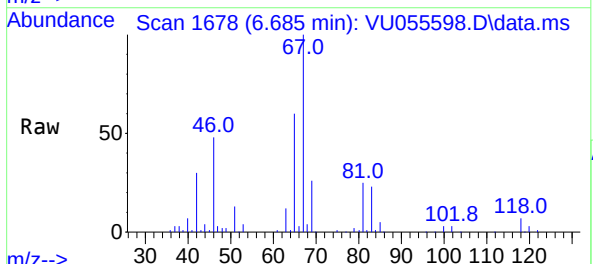
RT: 6.685 min Scan# 1678

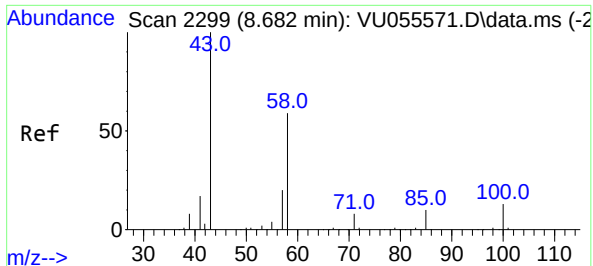
Delta R.T. -0.103 min

Lab File: VU055598.D

Acq: 02 Oct 2023 12:17

|             |             |
|-------------|-------------|
| Tgt Ion: 63 | Resp: 11322 |
| Ion Ratio   | Lower Upper |
| 63 100      |             |
| 112 1.0     | 3.0 4.6#    |



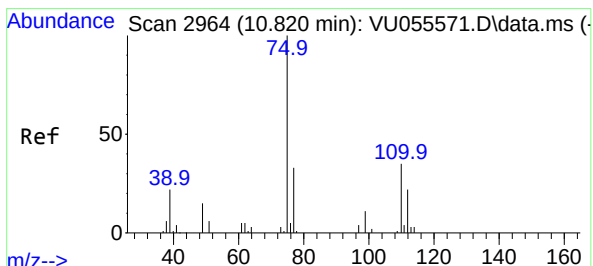
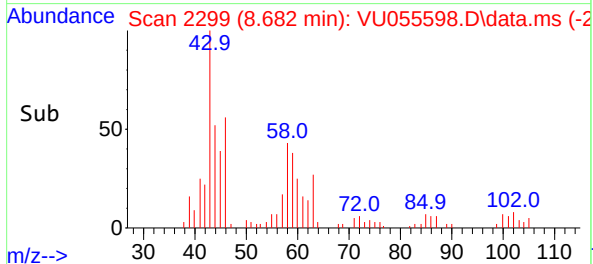
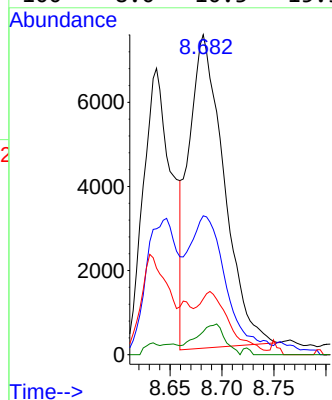
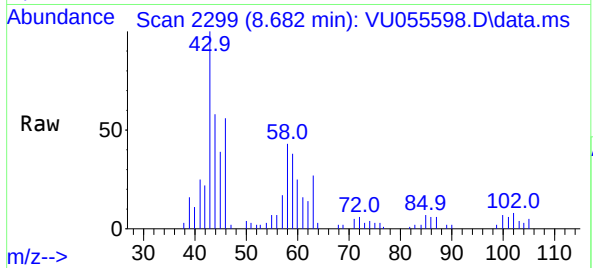


#48  
2-Hexanone  
Concen: 2.607 ug/L  
RT: 8.682 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VU055598.D  
Acq: 02 Oct 2023 12:17

Instrument :  
MSVOA\_U  
ClientSampleId :

Tgt Ion: 43 Resp: 17444

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 47.2  | 48.5  | 72.7# |
| 57  | 16.9  | 17.0  | 25.4# |
| 100 | 8.0   | 10.3  | 15.5# |



#61  
1,2,3-Trichloropropane  
Concen: 1.598 ug/L  
RT: 11.810 min Scan# 3272  
Delta R.T. 0.990 min  
Lab File: VU055598.D  
Acq: 02 Oct 2023 12:17

Tgt Ion: 75 Resp: 15259

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 110 | 3.1   | 30.6  | 45.8# |
| 77  | 33.1  | 26.7  | 40.1  |

