

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU090523\  
 Data File : VU055117.D  
 Acq On : 06 Sep 2023 01:01  
 Operator : MD/SY  
 Sample : 04268-06  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Sep 06 05:26:02 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR090123WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Sep 06 05:03:37 2023  
 Response via : Initial Calibration

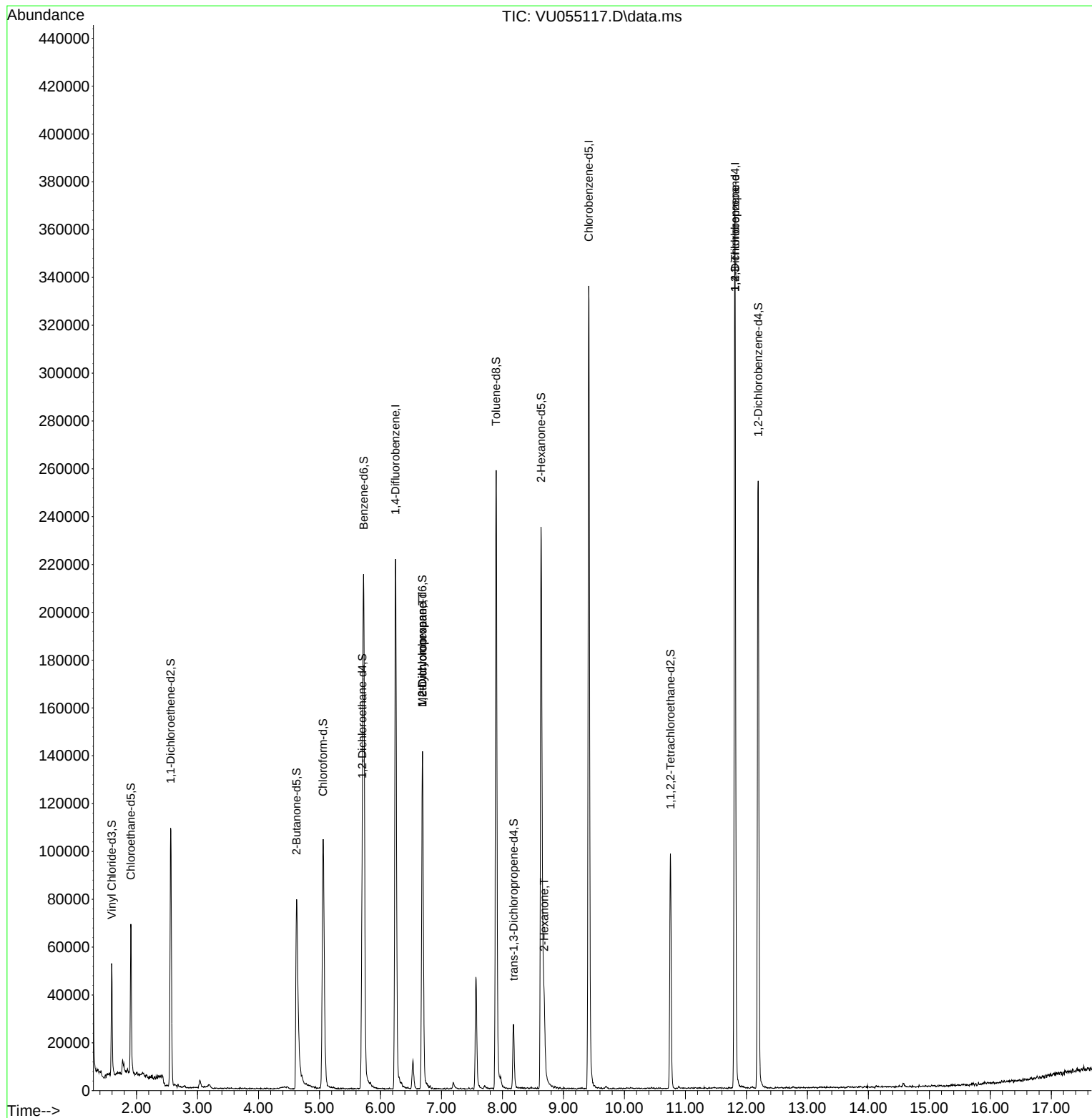
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.248  | 114   | 180843   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.415  | 117   | 183997   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.814 | 152   | 94258    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.592  | 65    | 32787    | 3.868    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 77.400%  |
| 7) Chloroethane-d5            | 1.907  | 69    | 41301    | 4.210    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 84.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 20108    | 4.164    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 83.200%  |
| 20) 2-Butanone-d5             | 4.624  | 46    | 124427   | 50.588   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 101.180% |
| 24) Chloroform-d              | 5.058  | 84    | 95277    | 4.236    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 84.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.701  | 65    | 54438    | 4.838    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 96.800%  |
| 32) Benzene-d6                | 5.724  | 84    | 197838   | 4.356    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 87.200%  |
| 36) 1,2-Dichloropropane-d6    | 6.688  | 67    | 66636    | 4.613    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 92.200%  |
| 41) Toluene-d8                | 7.897  | 98    | 174838   | 4.179    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 83.600%  |
| 43) trans-1,3-Dichloroprop... | 8.184  | 79    | 15695    | 3.945    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 79.000%  |
| 46) 2-Hexanone-d5             | 8.634  | 63    | 75918    | 47.007   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 94.020%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.756 | 84    | 48378    | 4.762    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 95.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.193 | 152   | 66780    | 4.854    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 97.000%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 35) Methylcyclohexane         | 6.688  | 83    | 14942    | 0.979    | ug/L # | 20       |
| 37) 1,2-Dichloropropane       | 6.688  | 63    | 7549     | 0.708    | ug/L # | 88       |
| 48) 2-Hexanone                | 8.685  | 43    | 16152    | 3.391    | ug/L   | 98       |
| 61) 1,2,3-Trichloropropane    | 11.814 | 75    | 13168    | 2.105    | ug/L # | 70       |
| -----                         |        |       |          |          |        |          |

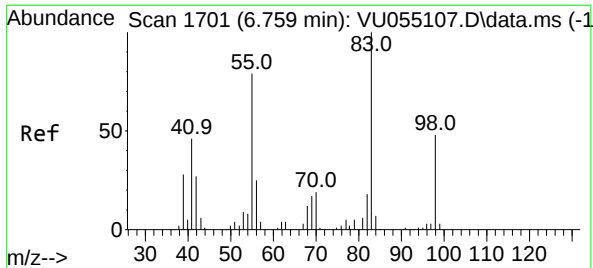
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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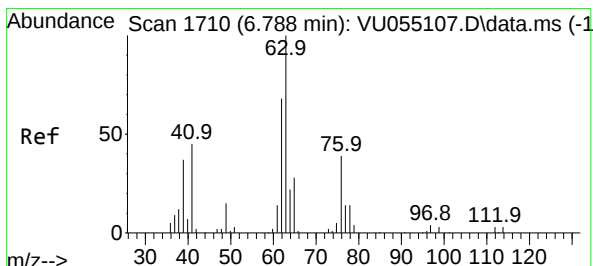
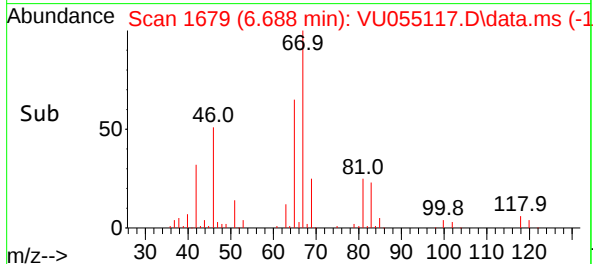
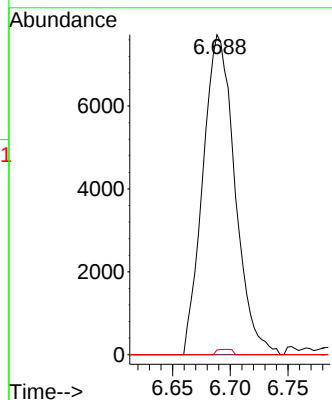
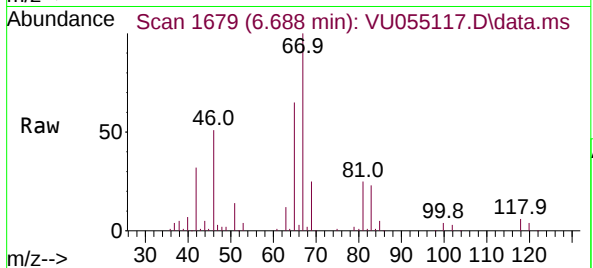




#35  
Methylcyclohexane  
Concen: 0.979 ug/L  
RT: 6.688 min Scan# 1679  
Delta R.T. -0.071 min  
Lab File: VU055117.D  
Acq: 06 Sep 2023 01:01

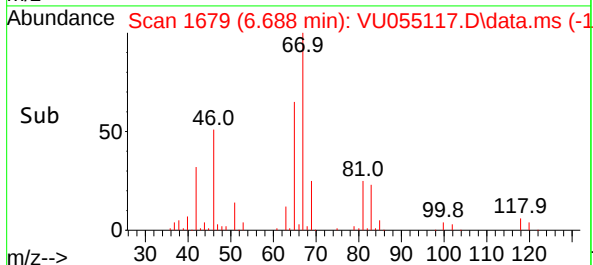
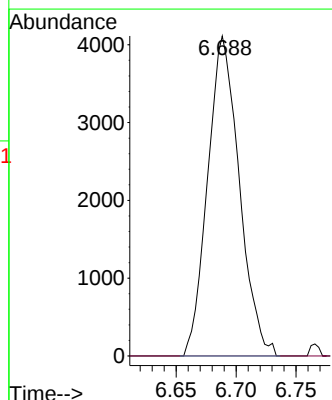
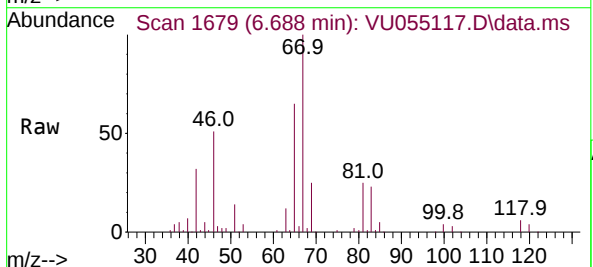
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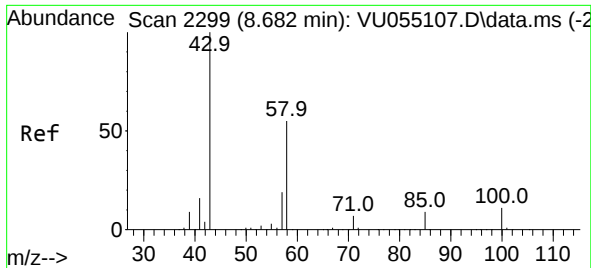
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 0.0   | 60.4  | 90.6# |
| 98      | 0.8   | 35.3  | 52.9# |



#37  
1,2-Dichloropropane  
Concen: 0.708 ug/L  
RT: 6.688 min Scan# 1679  
Delta R.T. -0.100 min  
Lab File: VU055117.D  
Acq: 06 Sep 2023 01:01

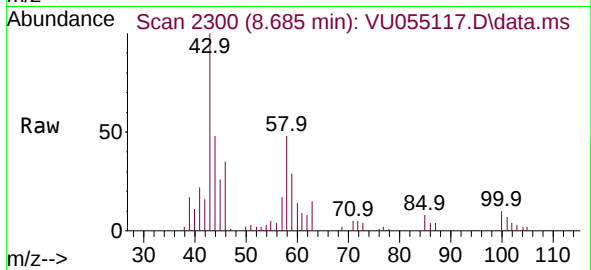
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 112     | 0.0   | 3.2   | 4.8#  |



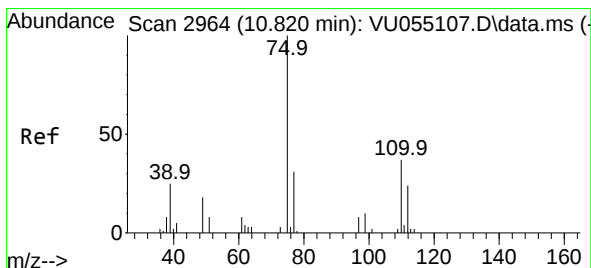
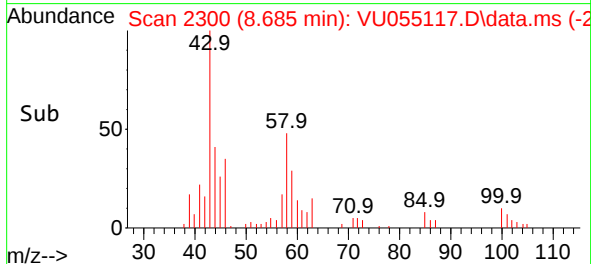
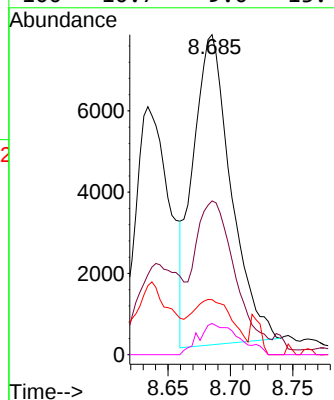


#48  
2-Hexanone  
Concen: 3.391 ug/L  
RT: 8.685 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: VU055117.D  
Acq: 06 Sep 2023 01:01

Instrument :  
MSVOA\_U  
ClientSampleId :



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 16152 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 58        | 53.9  | 44.0  | 66.0  |
| 57        | 19.3  | 16.2  | 24.2  |
| 100       | 10.7  | 9.0   | 13.4  |



#61  
1,2,3-Trichloropropane  
Concen: 2.105 ug/L  
RT: 11.814 min Scan# 3273  
Delta R.T. 0.994 min  
Lab File: VU055117.D  
Acq: 06 Sep 2023 01:01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 13168 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 110       | 2.2   | 28.2  | 42.2# |
| 77        | 34.0  | 26.2  | 39.4  |

