

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU120724\  
 Data File : VU062135.D  
 Acq On : 06 Dec 2024 15:42  
 Operator : MD/SY  
 Sample : P5109-09  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Dec 06 23:16:19 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR112024WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Dec 06 02:27:00 2024  
 Response via : Initial Calibration

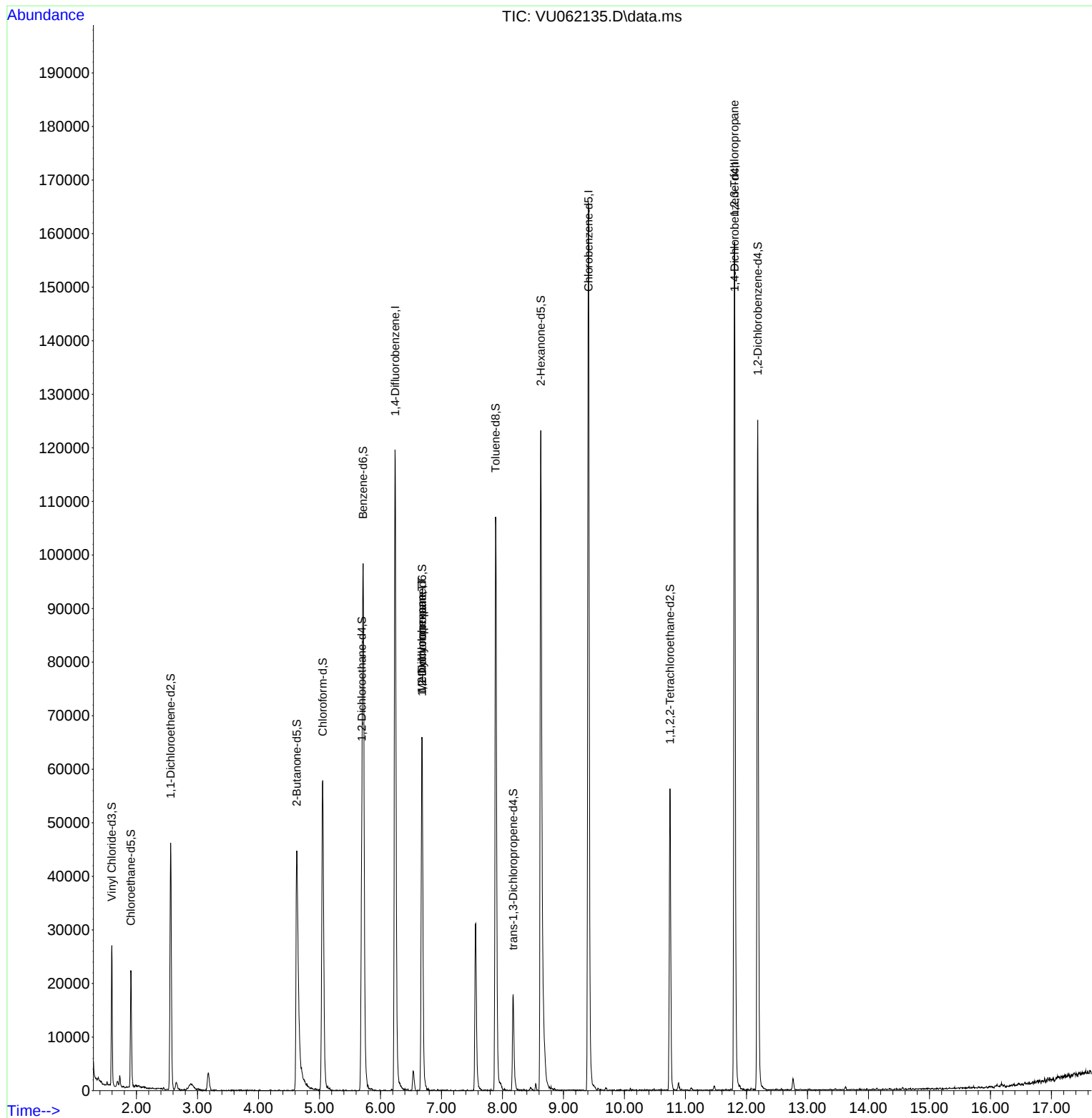
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 102610   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.409  | 117   | 97100    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.804 | 152   | 45671    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 18409    | 3.658    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 73.200%  |
| 7) Chloroethane-d5            | 1.908  | 69    | 15895    | 3.570    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 71.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 8970     | 4.461    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 89.200%  |
| 20) 2-Butanone-d5             | 4.628  | 46    | 64694    | 40.932   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 81.860%  |
| 24) Chloroform-d              | 5.052  | 84    | 57481    | 4.681    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 93.600%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 31079    | 4.918    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 98.400%  |
| 32) Benzene-d6                | 5.715  | 84    | 92371    | 4.883    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 97.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 31780    | 4.944    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 98.800%  |
| 41) Toluene-d8                | 7.888  | 98    | 76996    | 4.880    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 97.600%  |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79    | 11906    | 5.003    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 100.000% |
| 46) 2-Hexanone-d5             | 8.628  | 63    | 44397    | 40.873   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 81.740%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.746 | 84    | 28336    | 4.411    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 88.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.184 | 152   | 34961    | 5.177    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 103.600% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 35) Methylcyclohexane         | 6.679  | 83    | 8271     | 0.691    | ug/L # | 19       |
| 37) 1,2-Dichloropropane       | 6.679  | 63    | 3836     | 0.504    | ug/L # | 87       |
| 61) 1,2,3-Trichloropropane    | 11.801 | 75    | 4876     | 0.923    | ug/L # | 67       |
| -----                         |        |       |          |          |        |          |

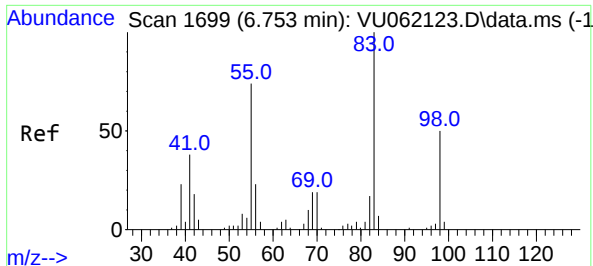
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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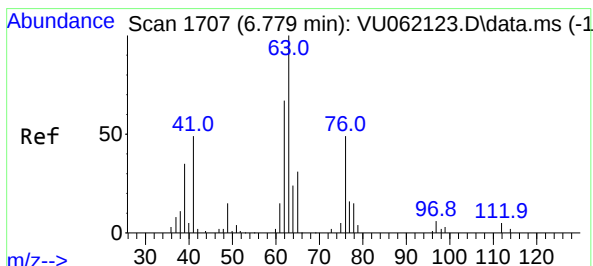
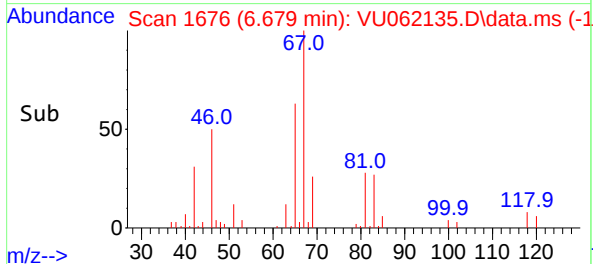
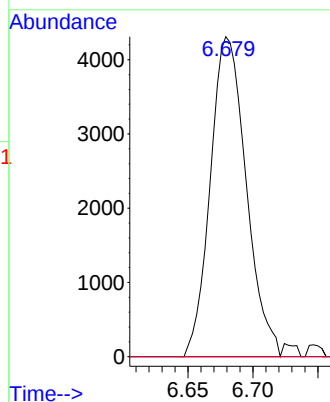
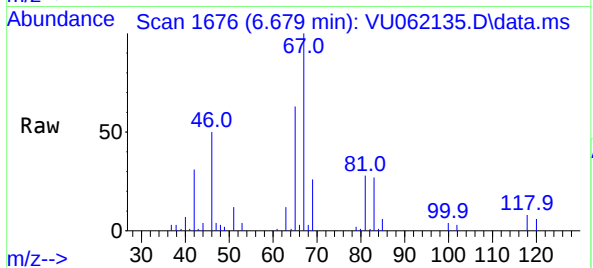




#35  
Methylcyclohexane  
Concen: 0.691 ug/L  
RT: 6.679 min Scan# 1676  
Delta R.T. -0.074 min  
Lab File: VU062135.D  
Acq: 06 Dec 2024 15:42

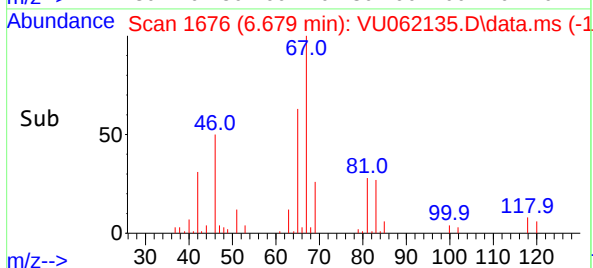
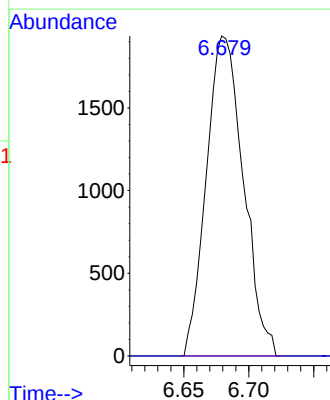
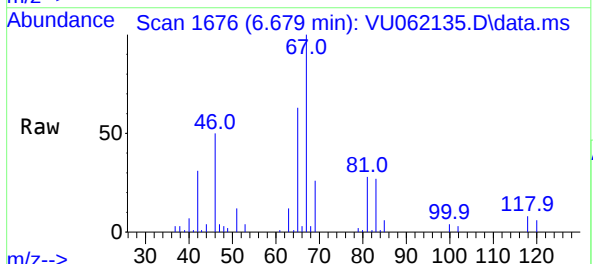
Instrument :  
MSVOA\_U  
ClientSampleId :

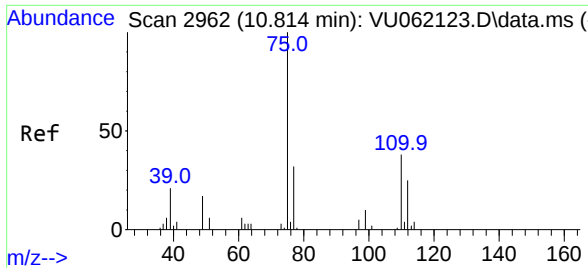
| Tgt Ion | 83    | Resp  | 8271  |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 83      | 100   |       |       |
| 55      | 0.0   | 60.7  | 91.1# |
| 98      | 0.0   | 34.8  | 52.2# |



#37  
1,2-Dichloropropane  
Concen: 0.504 ug/L  
RT: 6.679 min Scan# 1676  
Delta R.T. -0.103 min  
Lab File: VU062135.D  
Acq: 06 Dec 2024 15:42

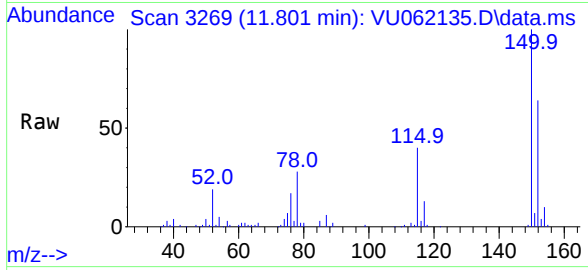
| Tgt Ion | 63    | Resp  | 3836  |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 63      | 100   |       |       |
| 112     | 0.0   | 3.4   | 5.0#  |





#61  
 1,2,3-Trichloropropane  
 Concen: 0.923 ug/L  
 RT: 11.801 min Scan# 31  
 Delta R.T. 0.987 min  
 Lab File: VU062135.D  
 Acq: 06 Dec 2024 15:42

Instrument :  
 MSVOA\_U  
 ClientSampleId :



Tgt Ion: 75 Resp: 4876  
 Ion Ratio Lower Upper  
 75 100  
 110 1.0 28.9 43.3#  
 77 35.2 26.5 39.7

