

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU120624\  
 Data File : VU062118.D  
 Acq On : 05 Dec 2024 23:16  
 Operator : MD/SY  
 Sample : P5104-20  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Dec 06 02:33:31 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

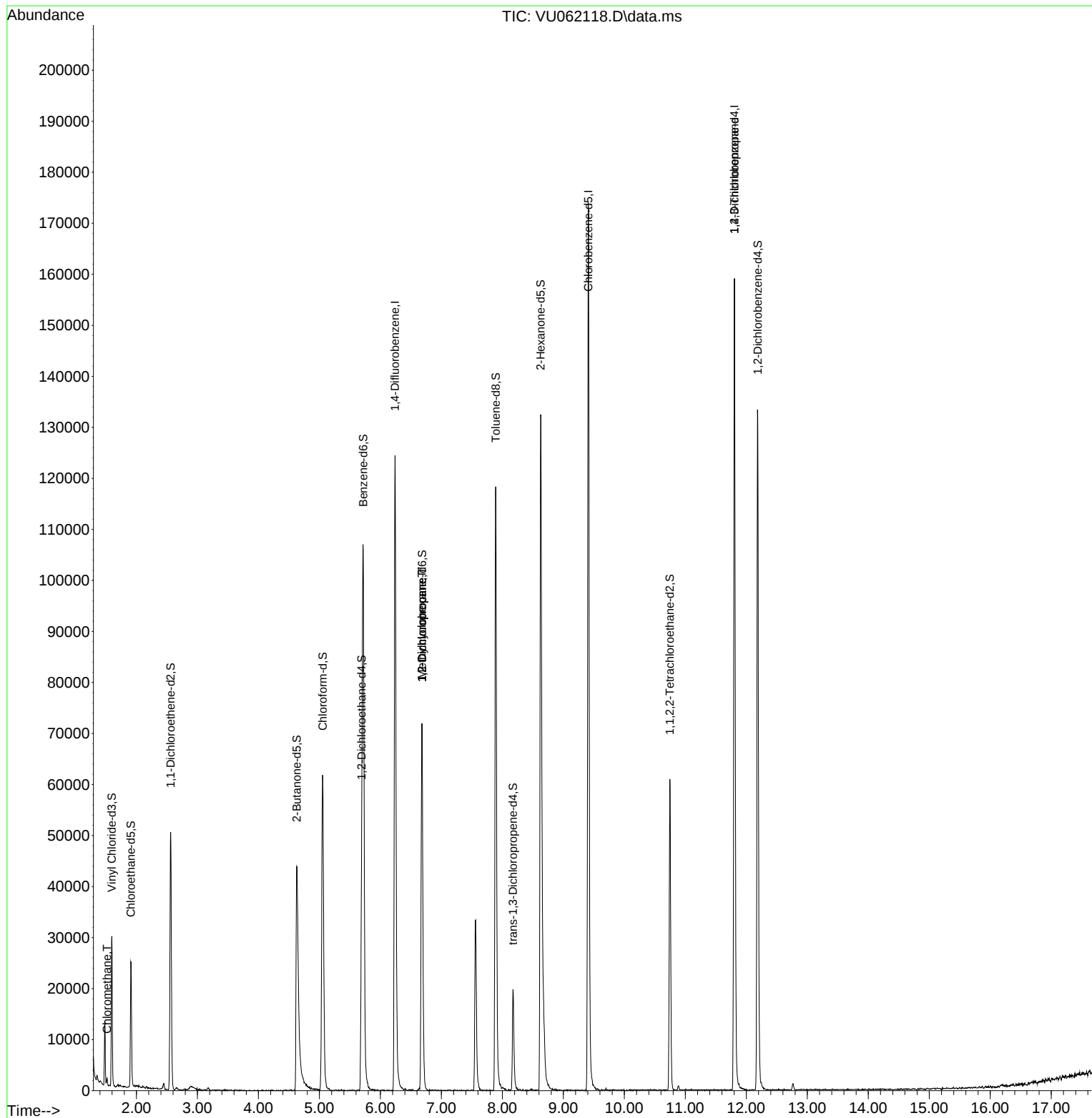
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.239  | 114   | 105991   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.409  | 117   | 99675    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.804 | 152   | 45243    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 20341    | 3.912    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 78.200%  |
| 7) Chloroethane-d5            | 1.908  | 69    | 18479    | 4.018    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 80.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 9560     | 4.603    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 92.000%  |
| 20) 2-Butanone-d5             | 4.628  | 46    | 73630    | 45.099   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 90.200%  |
| 24) Chloroform-d              | 5.052  | 84    | 62262    | 4.909    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 98.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.692  | 65    | 33314    | 5.104    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 102.000% |
| 32) Benzene-d6                | 5.718  | 84    | 102052   | 5.255    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 105.000% |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 35784    | 5.423    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 108.400% |
| 41) Toluene-d8                | 7.891  | 98    | 84486    | 5.216    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 104.400% |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79    | 13752    | 5.629    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 112.600% |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 48690    | 43.667   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 87.340%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.746 | 84    | 29883    | 4.532    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 90.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 38626    | 5.774    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 115.400% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 3) Chloromethane              | 1.515  | 50    | 1062     | 0.111    | ug/L   | 89       |
| 35) Methylcyclohexane         | 6.679  | 83    | 8610     | 0.701    | ug/L # | 19       |
| 37) 1,2-Dichloropropane       | 6.682  | 63    | 3890     | 0.497    | ug/L # | 87       |
| 61) 1,2,3-Trichloropropane    | 11.804 | 75    | 5207     | 0.996    | ug/L # | 68       |
| -----                         |        |       |          |          |        |          |

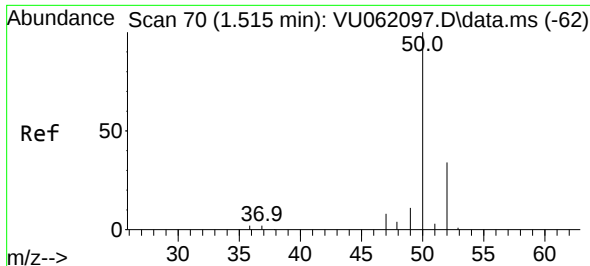
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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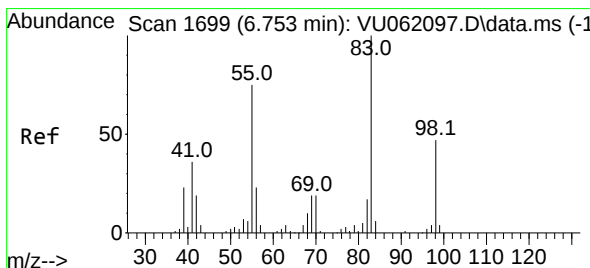
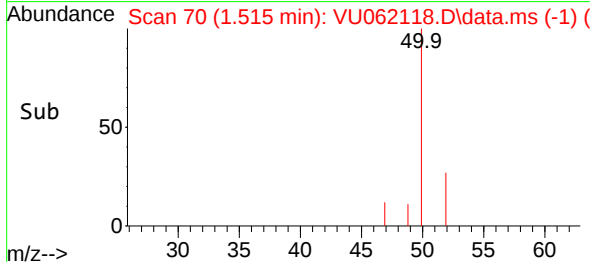
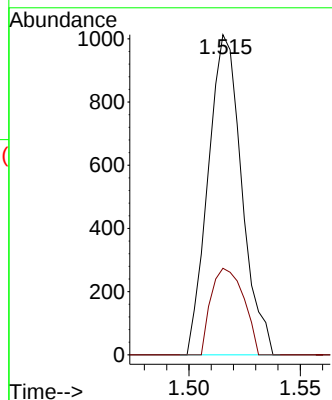
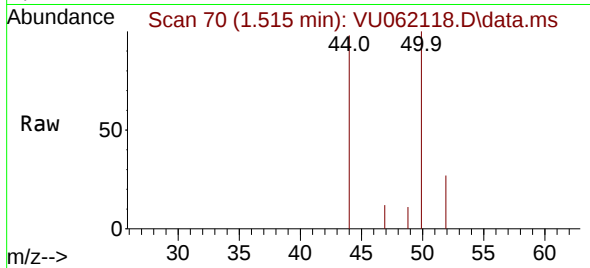




#3  
Chloromethane  
Concen: 0.111 ug/L  
RT: 1.515 min Scan# 70  
Delta R.T. 0.000 min  
Lab File: VU062118.D  
Acq: 05 Dec 2024 23:16

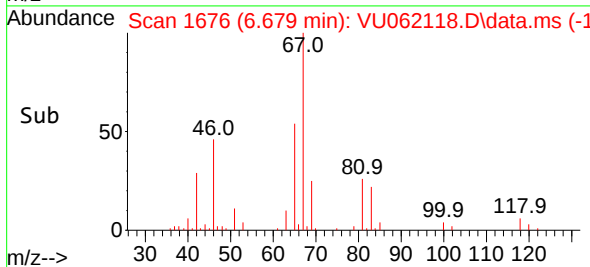
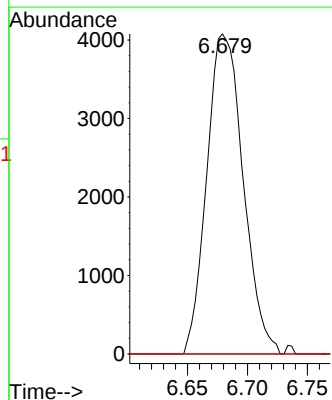
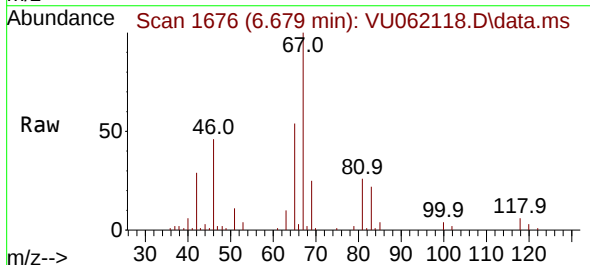
Instrument :  
MSVOA\_U  
ClientSampleId :

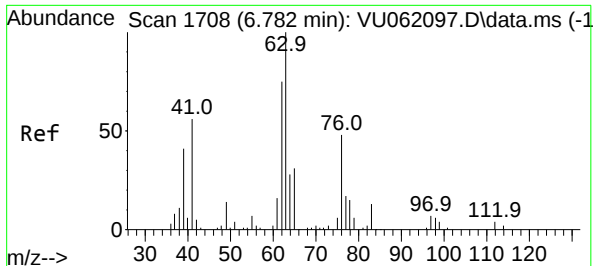
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 50    | Resp: | 1062 |
| Ion Ratio | Lower | Upper |      |
| 50        | 100   |       |      |
| 52        | 27.0  | 23.1  | 42.9 |



#35  
Methylcyclohexane  
Concen: 0.701 ug/L  
RT: 6.679 min Scan# 1676  
Delta R.T. -0.074 min  
Lab File: VU062118.D  
Acq: 05 Dec 2024 23:16

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 83    | Resp: | 8610  |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 55        | 0.0   | 60.7  | 91.1# |
| 98        | 0.0   | 34.8  | 52.2# |

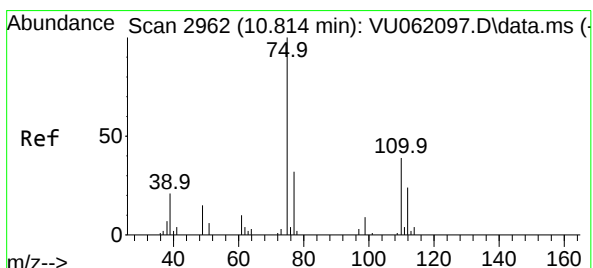
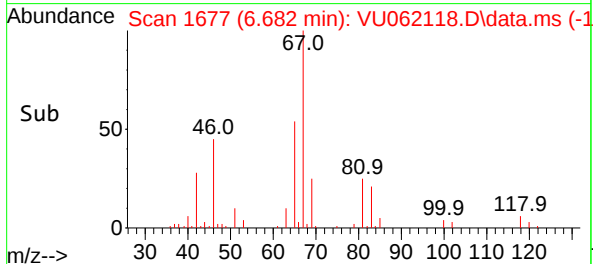
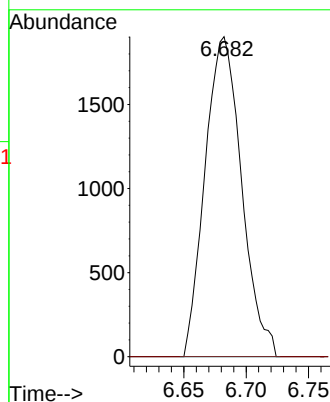
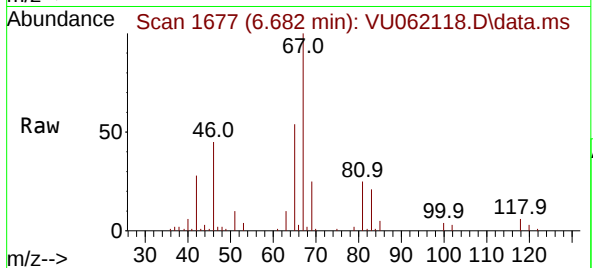




#37  
1,2-Dichloropropane  
Concen: 0.497 ug/L  
RT: 6.682 min Scan# 1  
Delta R.T. -0.100 min  
Lab File: VU062118.D  
Acq: 05 Dec 2024 23:16

Instrument :  
MSVOA\_U  
ClientSampleId :

Tgt Ion: 63 Resp: 3890  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.4 5.0#



#61  
1,2,3-Trichloropropane  
Concen: 0.996 ug/L  
RT: 11.804 min Scan# 3270  
Delta R.T. 0.990 min  
Lab File: VU062118.D  
Acq: 05 Dec 2024 23:16

Tgt Ion: 75 Resp: 5207  
Ion Ratio Lower Upper  
75 100  
110 1.8 28.9 43.3#  
77 31.6 26.5 39.7

