

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU012725\  
 Data File : VU063029.D  
 Acq On : 27 Jan 2025 20:39  
 Operator : MD/SY  
 Sample : Q1174-25  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Jan 29 07:31:05 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR012725WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Jan 29 07:27:08 2025  
 Response via : Initial Calibration

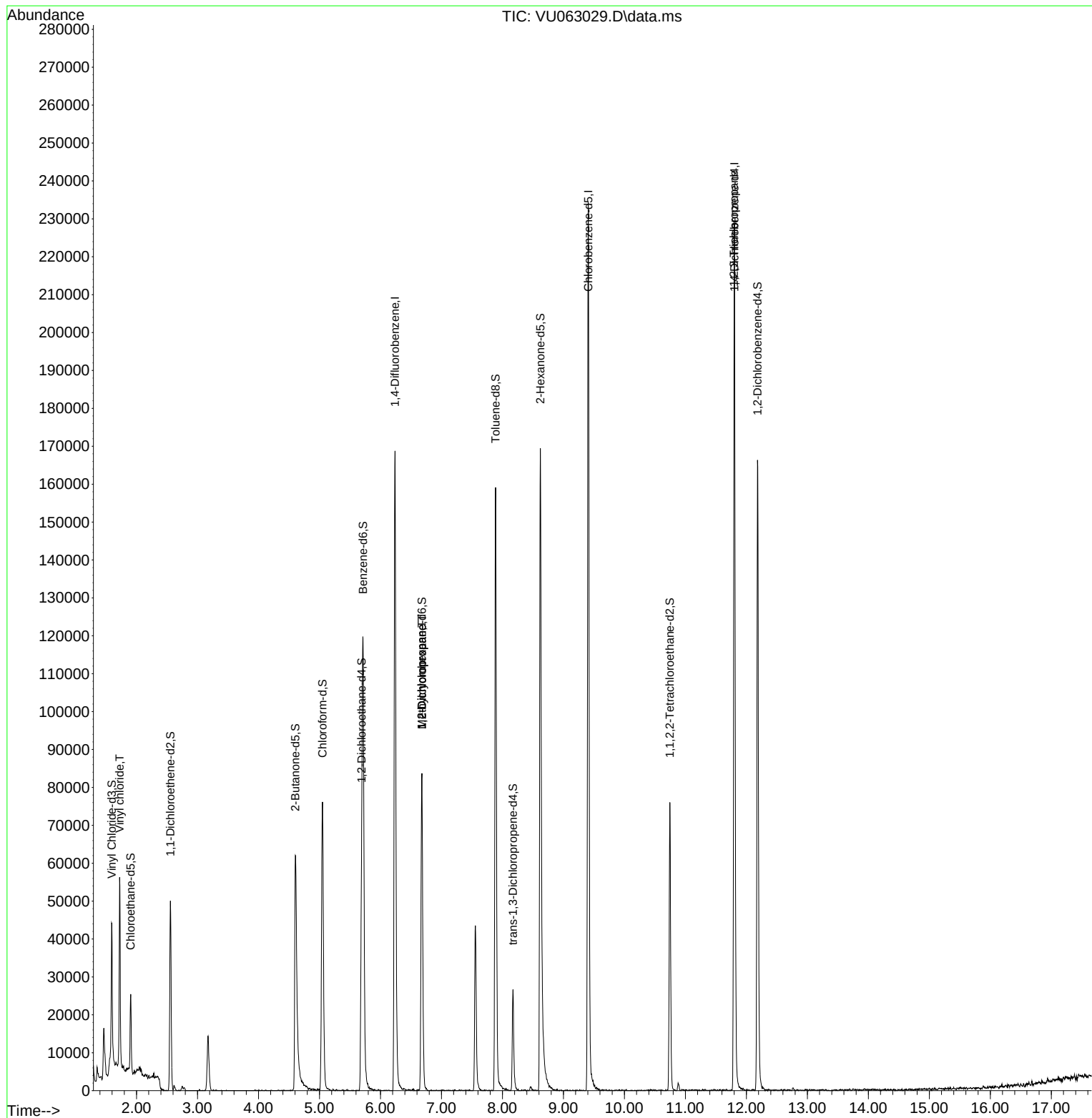
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.238  | 114   | 137564   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.409  | 117   | 133046   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.804 | 152   | 63924    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.592  | 65    | 22398    | 4.529    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 90.600%  |
| 7) Chloroethane-d5            | 1.904  | 69    | 14716    | 3.919    | ug/L   | 0.02     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 78.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.557  | 65    | 8849     | 2.992    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 59.800%# |
| 20) 2-Butanone-d5             | 4.605  | 46    | 78237    | 54.511   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 109.020% |
| 24) Chloroform-d              | 5.049  | 84    | 73147    | 3.724    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 74.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.692  | 65    | 43554    | 3.884    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 77.600%  |
| 32) Benzene-d6                | 5.714  | 84    | 109408   | 3.599    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 72.000%  |
| 36) 1,2-Dichloropropane-d6    | 6.679  | 67    | 35514    | 4.588    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 91.800%  |
| 41) Toluene-d8                | 7.888  | 98    | 110107   | 3.663    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 73.200%  |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79    | 15982    | 3.335    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 66.600%  |
| 46) 2-Hexanone-d5             | 8.621  | 63    | 61401    | 51.348   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 102.700% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.746 | 84    | 34092    | 4.638    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 92.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.183 | 152   | 45833    | 4.005    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 80.200%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 5) Vinyl chloride             | 1.724  | 62    | 1084     | 0.164    | ug/L # | 1        |
| 35) Methylcyclohexane         | 6.679  | 83    | 10154    | 0.736    | ug/L # | 21       |
| 37) 1,2-Dichloropropane       | 6.679  | 63    | 4941     | 0.682    | ug/L # | 85       |
| 61) 1,2,3-Trichloropropane    | 11.798 | 75    | 6457     | 1.255    | ug/L # | 61       |
| -----                         |        |       |          |          |        |          |

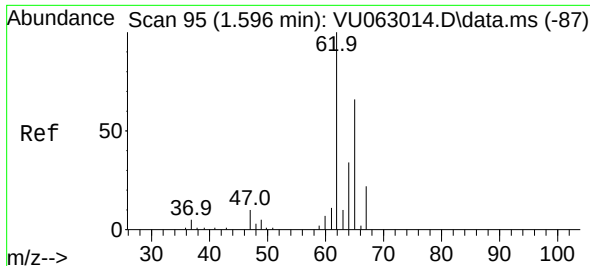
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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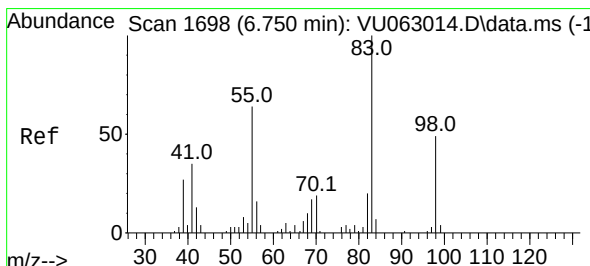
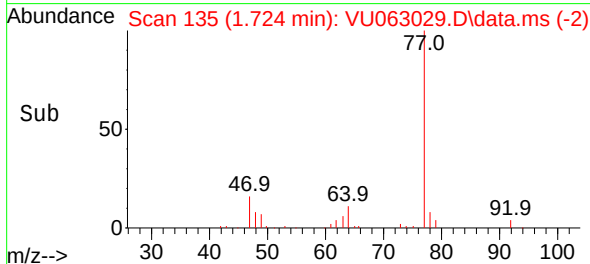
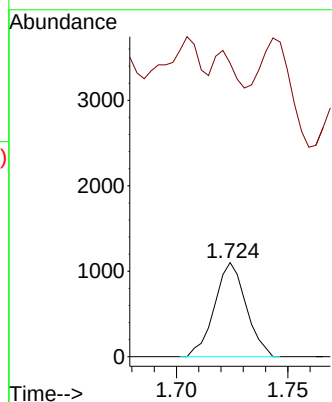
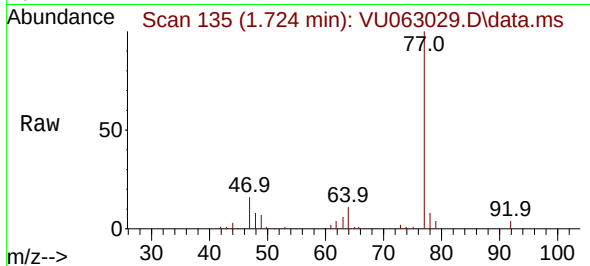




#5  
 Vinyl chloride  
 Concen: 0.164 ug/L  
 RT: 1.724 min Scan# 14  
 Delta R.T. 0.128 min  
 Lab File: VU063029.D  
 Acq: 27 Jan 2025 20:39

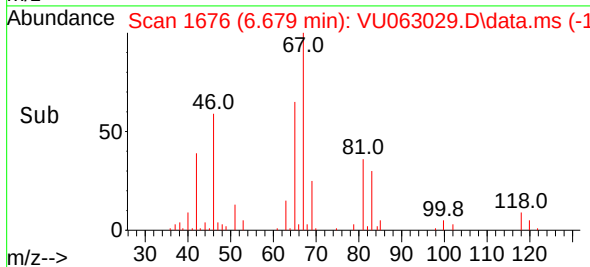
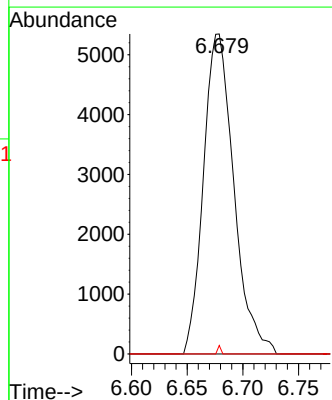
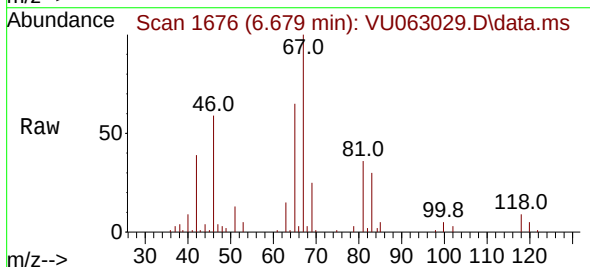
Instrument :  
 MSVOA\_U  
 ClientSampleId :

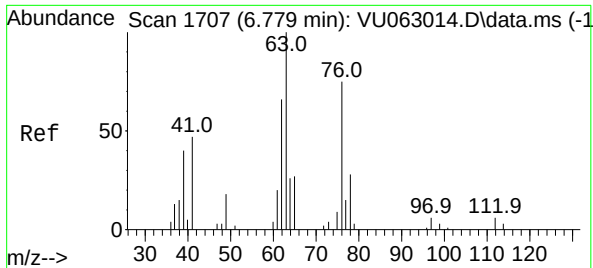
Tgt Ion: 62 Resp: 1084  
 Ion Ratio Lower Upper  
 62 100  
 64 311.8 23.4 43.4#



#35  
 Methylcyclohexane  
 Concen: 0.736 ug/L  
 RT: 6.679 min Scan# 1676  
 Delta R.T. -0.071 min  
 Lab File: VU063029.D  
 Acq: 27 Jan 2025 20:39

Tgt Ion: 83 Resp: 10154  
 Ion Ratio Lower Upper  
 83 100  
 55 0.0 57.2 85.8#  
 98 0.3 36.6 55.0#

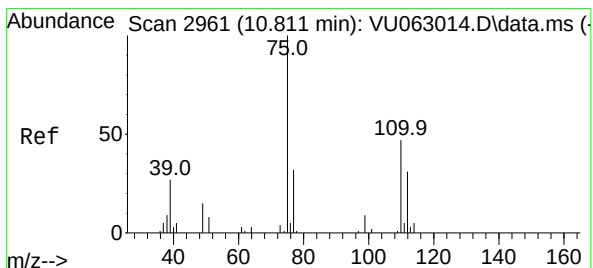
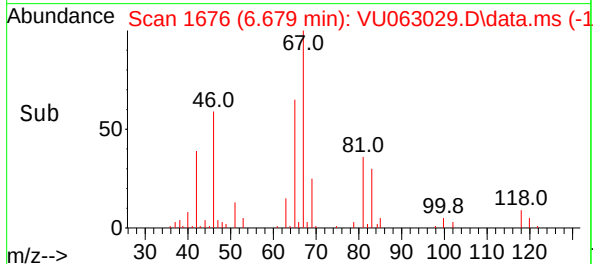
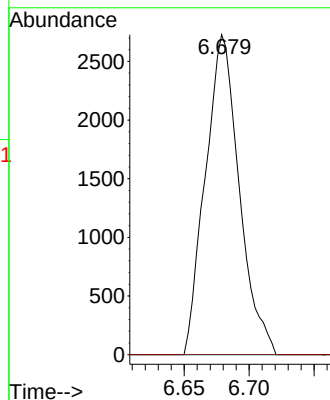
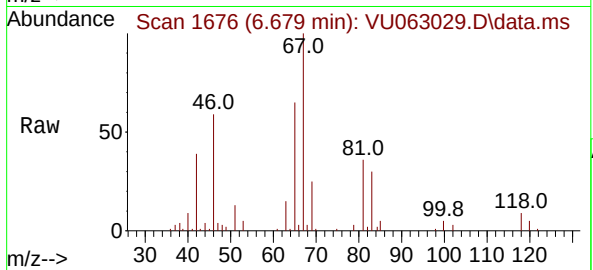




#37  
1,2-Dichloropropane  
Concen: 0.682 ug/L  
RT: 6.679 min Scan# 1  
Delta R.T. -0.100 min  
Lab File: VU063029.D  
Acq: 27 Jan 2025 20:39

Instrument :  
MSVOA\_U  
ClientSampleId :

Tgt Ion: 63 Resp: 4941  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.8 5.8#



#61  
1,2,3-Trichloropropane  
Concen: 1.255 ug/L  
RT: 11.798 min Scan# 3268  
Delta R.T. 0.987 min  
Lab File: VU063029.D  
Acq: 27 Jan 2025 20:39

Tgt Ion: 75 Resp: 6457  
Ion Ratio Lower Upper  
75 100  
110 2.4 33.2 49.8#  
77 37.8 25.9 38.9

