

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU121224\  
 Data File : VU062286.D  
 Acq On : 12 Dec 2024 14:28  
 Operator : MD/SY  
 Sample : P5253-06  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F7J10

Quant Time: Dec 13 00:17:32 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR120924WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Dec 13 00:13:55 2024  
 Response via : Initial Calibration

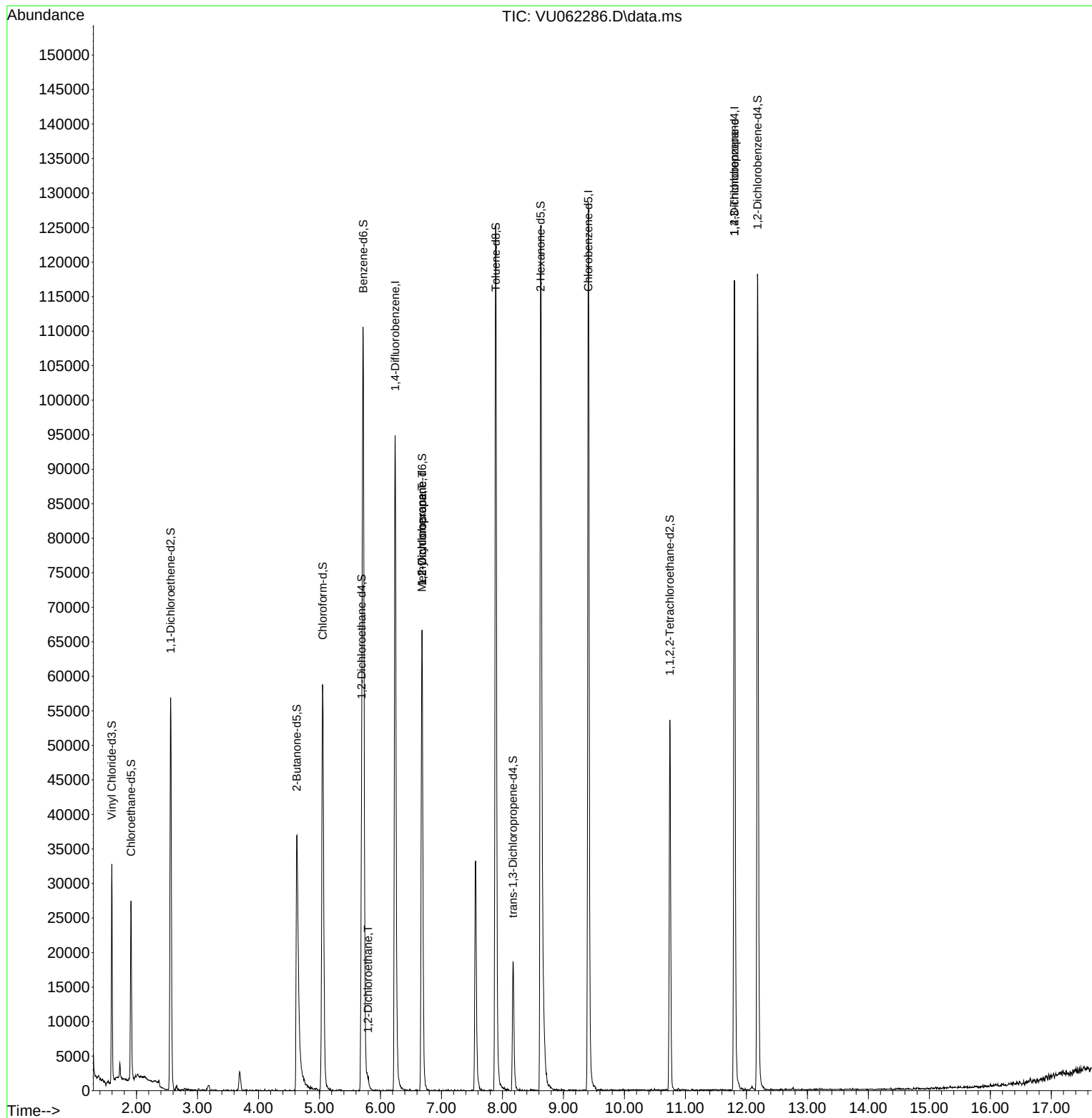
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 81757    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.409  | 117   | 75287    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.804 | 152   | 33217    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 21313    | 3.865    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 77.200%  |
| 7) Chloroethane-d5            | 1.911  | 69    | 18834    | 4.802    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 96.000%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 11129    | 4.242    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 84.800%  |
| 20) 2-Butanone-d5             | 4.628  | 46    | 60088    | 56.855   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 113.720% |
| 24) Chloroform-d              | 5.052  | 84    | 58564    | 4.907    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 98.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.692  | 65    | 33544    | 5.716    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 114.400% |
| 32) Benzene-d6                | 5.718  | 84    | 102740   | 4.738    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 94.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 31565    | 5.088    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 101.800% |
| 41) Toluene-d8                | 7.891  | 98    | 91221    | 4.453    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 89.000%  |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79    | 13360    | 4.892    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 97.800%  |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 46120    | 55.979   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 111.960% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.746 | 84    | 25968    | 5.379    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 107.600% |
| 66) 1,2-Dichlorobenzene-d4    | 12.184 | 152   | 34154    | 5.580    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 111.600% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 27) 1,2-Dichloroethane        | 5.795  | 62    | 1149     | 0.154    | ug/L # | 75       |
| 35) Methylcyclohexane         | 6.679  | 83    | 8568     | 0.874    | ug/L # | 19       |
| 37) 1,2-Dichloropropane       | 6.682  | 63    | 3876     | 0.682    | ug/L # | 87       |
| 61) 1,2,3-Trichloropropane    | 11.804 | 75    | 3365     | 1.096    | ug/L # | 66       |
| -----                         |        |       |          |          |        |          |

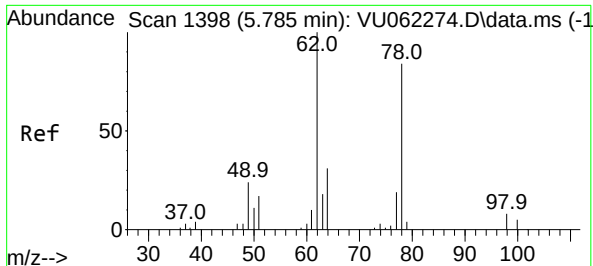
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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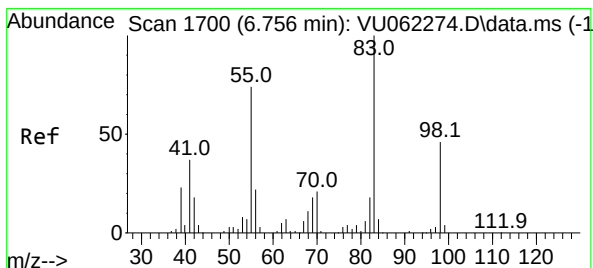
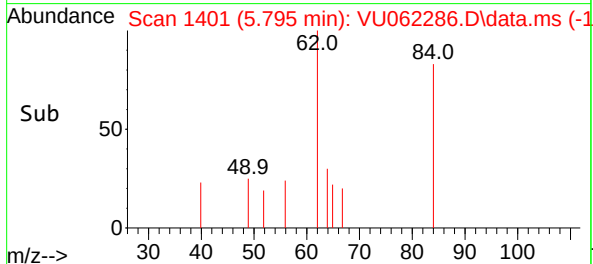
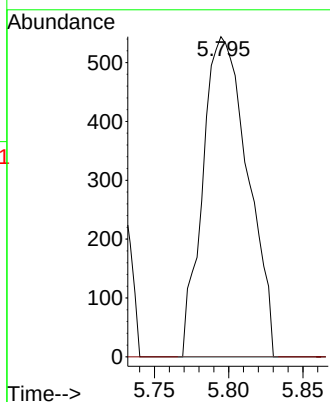
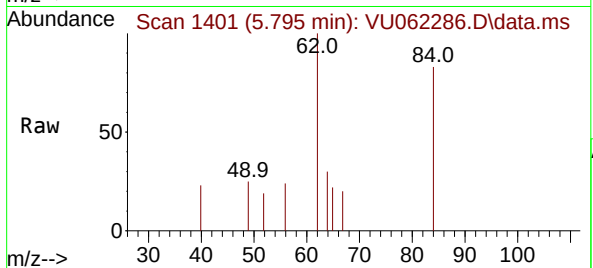




#27  
 1,2-Dichloroethane  
 Concen: 0.154 ug/L  
 RT: 5.795 min Scan# 14  
 Delta R.T. 0.010 min  
 Lab File: VU062286.D  
 Acq: 12 Dec 2024 14:28

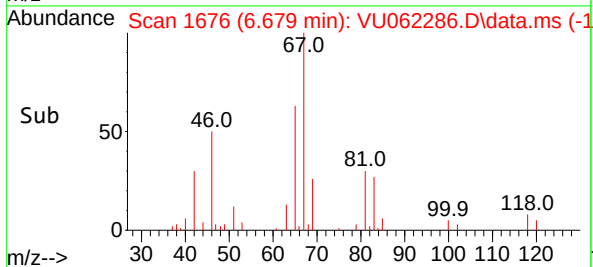
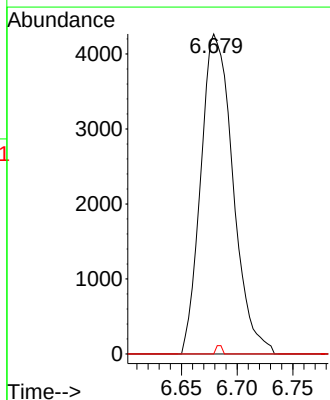
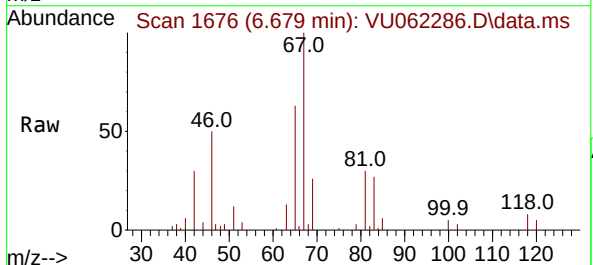
Instrument :  
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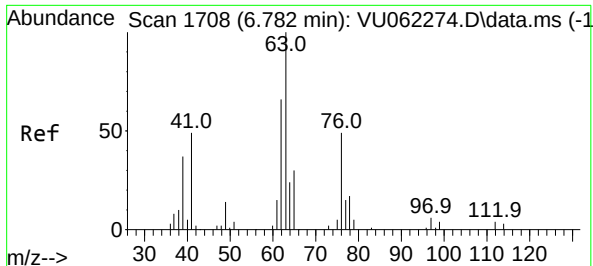
Tgt Ion: 62 Resp: 1149  
 Ion Ratio Lower Upper  
 62 100  
 98 0.0 7.4 11.0#



#35  
 Methylcyclohexane  
 Concen: 0.874 ug/L  
 RT: 6.679 min Scan# 1676  
 Delta R.T. -0.077 min  
 Lab File: VU062286.D  
 Acq: 12 Dec 2024 14:28

Tgt Ion: 83 Resp: 8568  
 Ion Ratio Lower Upper  
 83 100  
 55 0.0 60.7 91.1#  
 98 0.5 34.8 52.2#

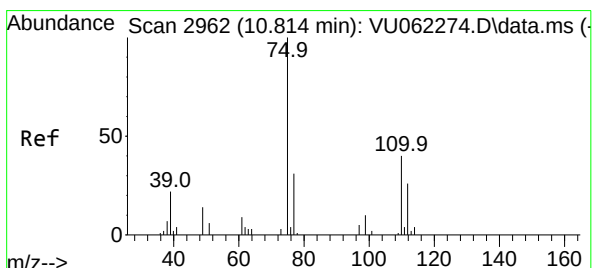
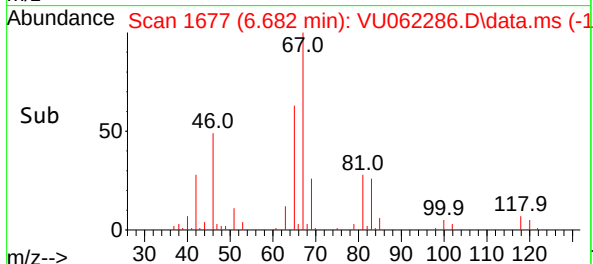
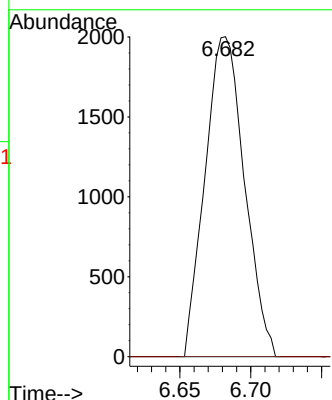
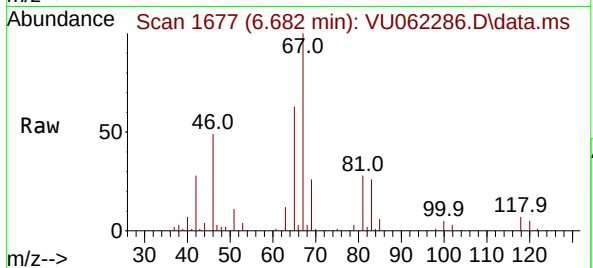




#37  
1,2-Dichloropropane  
Concen: 0.682 ug/L  
RT: 6.682 min Scan# 11  
Delta R.T. -0.100 min  
Lab File: VU062286.D  
Acq: 12 Dec 2024 14:28

Instrument :  
MSVOA\_U  
ClientSampleId :  
F7J10

Tgt Ion: 63 Resp: 3876  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.4 5.0#



#61  
1,2,3-Trichloropropane  
Concen: 1.096 ug/L  
RT: 11.804 min Scan# 3270  
Delta R.T. 0.990 min  
Lab File: VU062286.D  
Acq: 12 Dec 2024 14:28

Tgt Ion: 75 Resp: 3365  
Ion Ratio Lower Upper  
75 100  
110 0.0 28.9 43.3#  
77 36.0 26.5 39.7

