

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU072324\  
 Data File : VU060112.D  
 Acq On : 23 Jul 2024 14:10  
 Operator : MD/SY  
 Sample : P3325-03  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Jul 24 04:21:33 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR071824WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Jul 24 04:18:44 2024  
 Response via : Initial Calibration

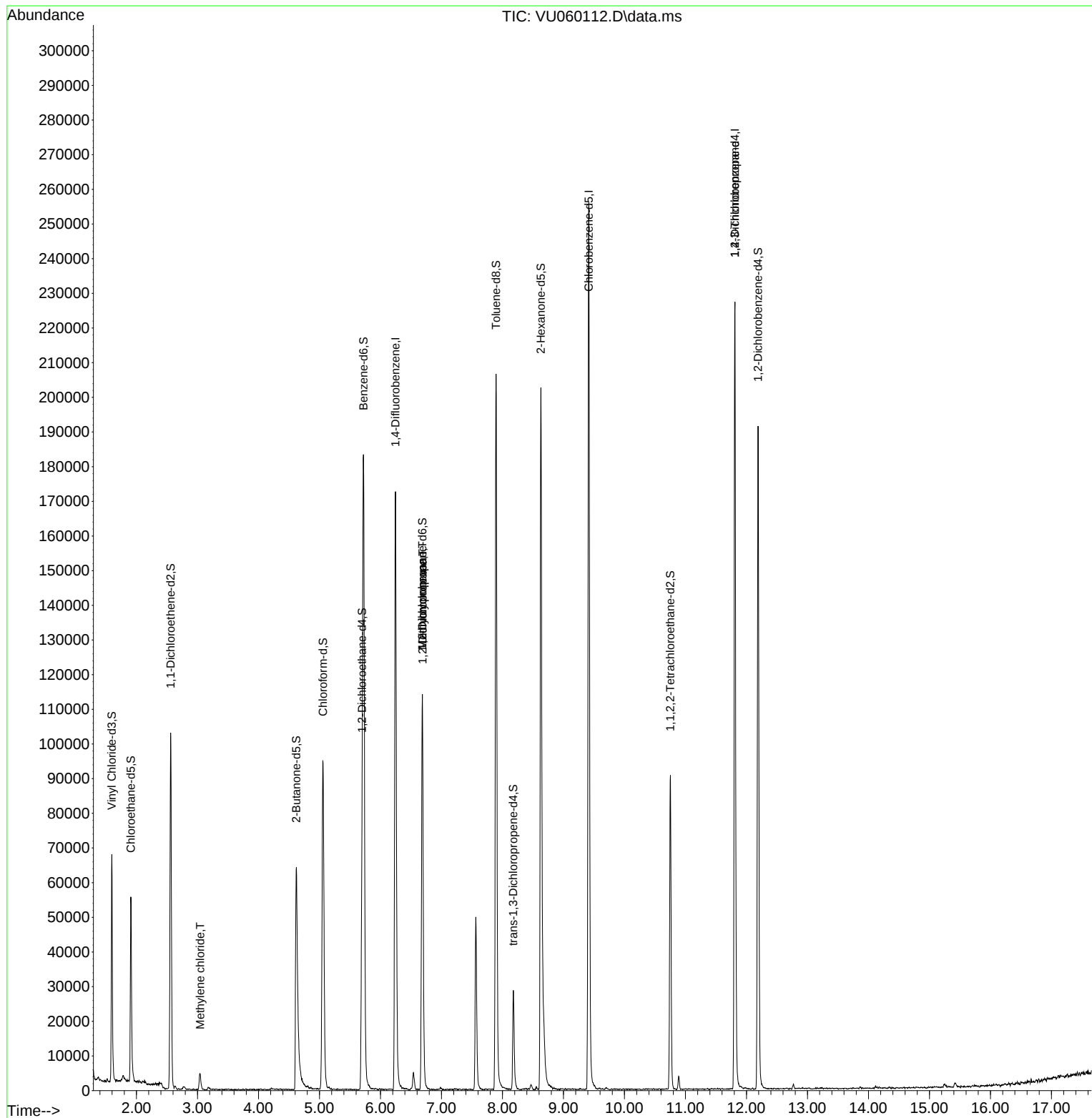
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114   | 149790   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.415  | 117   | 160469   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.811 | 152   | 67823    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 51169    | 4.910    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 98.200%  |
| 7) Chloroethane-d5            | 1.908  | 69    | 43971    | 4.542    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 90.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 18894    | 4.643    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 92.800%  |
| 20) 2-Butanone-d5             | 4.621  | 46    | 95276    | 39.103   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 78.200%  |
| 24) Chloroform-d              | 5.055  | 84    | 91364    | 4.171    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 83.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.698  | 65    | 44451    | 4.358    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 87.200%  |
| 32) Benzene-d6                | 5.721  | 84    | 184046   | 4.281    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 85.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.686  | 67    | 57711    | 4.212    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 84.200%  |
| 41) Toluene-d8                | 7.894  | 98    | 152600   | 3.928    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 78.600%  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 18580    | 3.984    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 79.600%  |
| 46) 2-Hexanone-d5             | 8.628  | 63    | 72032    | 34.807   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 69.620%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84    | 48289    | 3.960    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 79.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   | 57943    | 4.733    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 94.600%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 16) Methylene chloride        | 3.043  | 84    | 2725     | 0.194    | ug/L   | 89       |
| 35) Methylcyclohexane         | 6.686  | 83    | 13450    | 0.730    | ug/L # | 21       |
| 37) 1,2-Dichloropropane       | 6.689  | 63    | 5779     | 0.404    | ug/L # | 88       |
| 61) 1,2,3-Trichloropropane    | 11.811 | 75    | 7471     | 1.045    | ug/L # | 66       |
| -----                         |        |       |          |          |        |          |

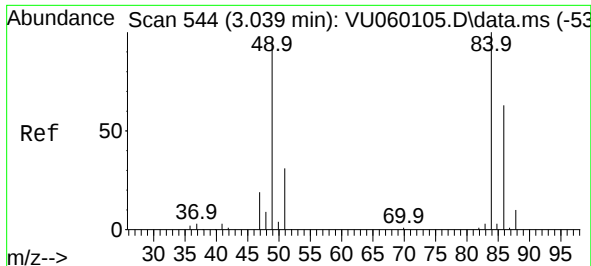
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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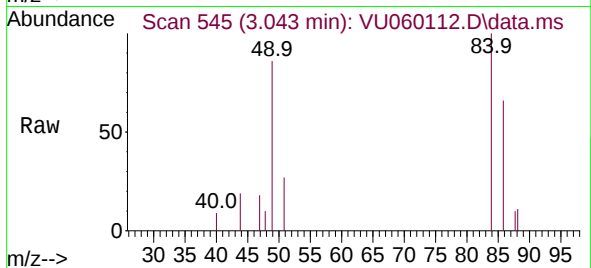
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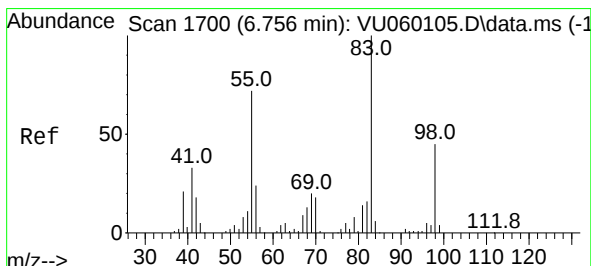
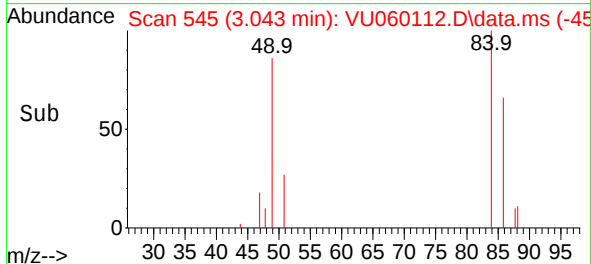
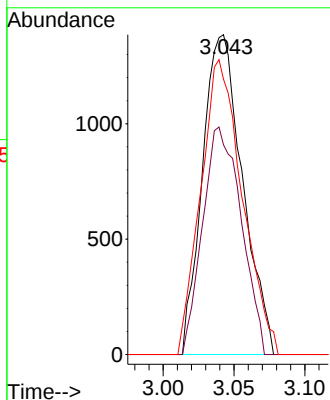


#16  
Methylene chloride  
Concen: 0.194 ug/L  
RT: 3.043 min Scan# 544  
Delta R.T. 0.003 min  
Lab File: VU060112.D  
Acq: 23 Jul 2024 14:10

Instrument :  
MSVOA\_U  
ClientSampleId :

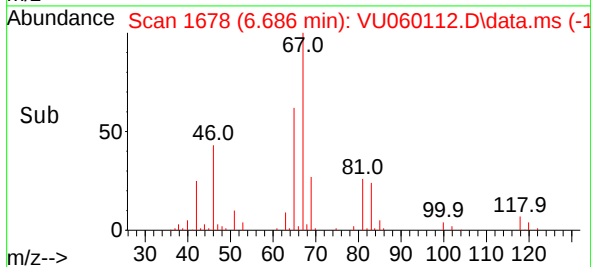
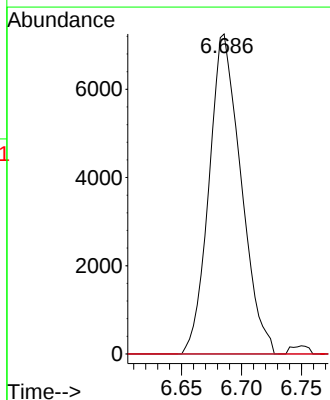
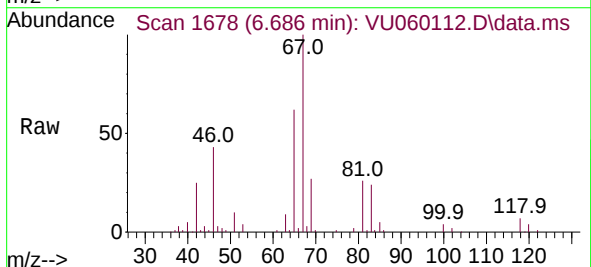


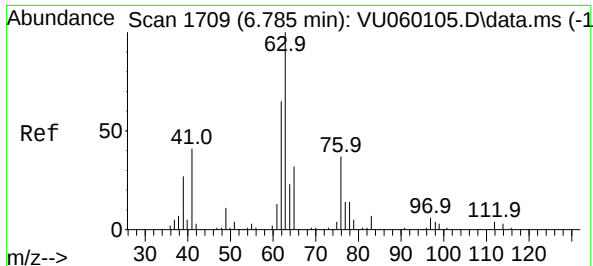
Tgt Ion: 84 Resp: 2725  
Ion Ratio Lower Upper  
84 100  
86 65.6 44.4 82.5  
49 86.1 72.0 133.6



#35  
Methylcyclohexane  
Concen: 0.730 ug/L  
RT: 6.686 min Scan# 1678  
Delta R.T. -0.071 min  
Lab File: VU060112.D  
Acq: 23 Jul 2024 14:10

Tgt Ion: 83 Resp: 13450  
Ion Ratio Lower Upper  
83 100  
55 0.0 56.7 85.1#  
98 0.3 36.6 55.0#

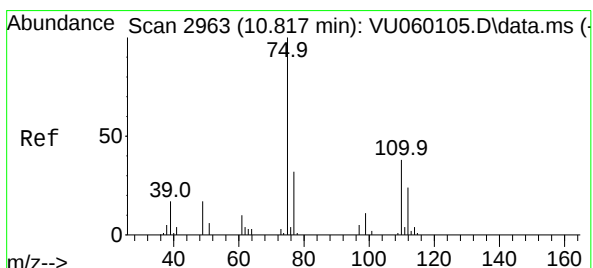
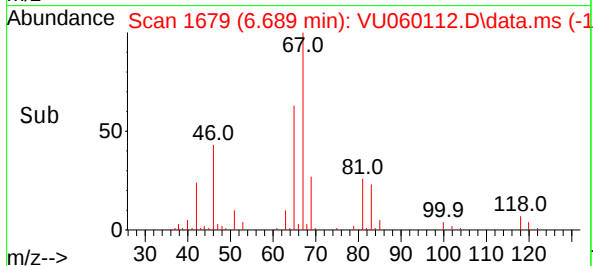
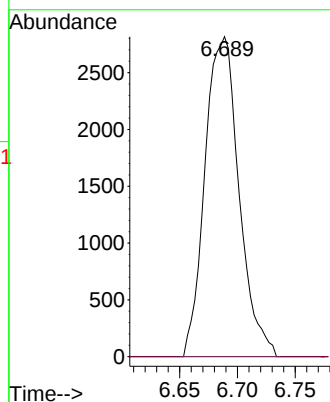
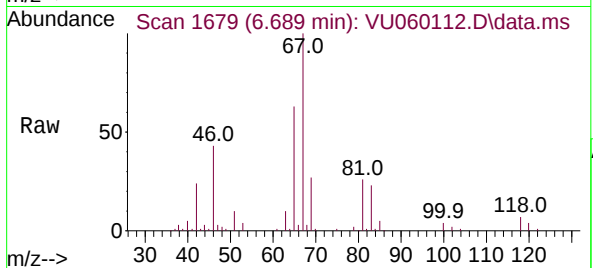




#37  
1,2-Dichloropropane  
Concen: 0.404 ug/L  
RT: 6.689 min Scan# 1  
Delta R.T. -0.096 min  
Lab File: VU060112.D  
Acq: 23 Jul 2024 14:10

Instrument :  
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Tgt Ion: 63 Resp: 5779  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.3 4.9#



#61  
1,2,3-Trichloropropane  
Concen: 1.045 ug/L  
RT: 11.811 min Scan# 3272  
Delta R.T. 0.994 min  
Lab File: VU060112.D  
Acq: 23 Jul 2024 14:10

Tgt Ion: 75 Resp: 7471  
Ion Ratio Lower Upper  
75 100  
110 2.4 30.8 46.2#  
77 30.1 26.2 39.2

