

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU122222\  
 Data File : VU052486.D  
 Acq On : 22 Dec 2022 13:08  
 Operator : JC/MD  
 Sample : N6170-12  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GBQB9

Quant Time: Dec 23 00:31:41 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR122022WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Dec 22 00:28:27 2022  
 Response via : Initial Calibration

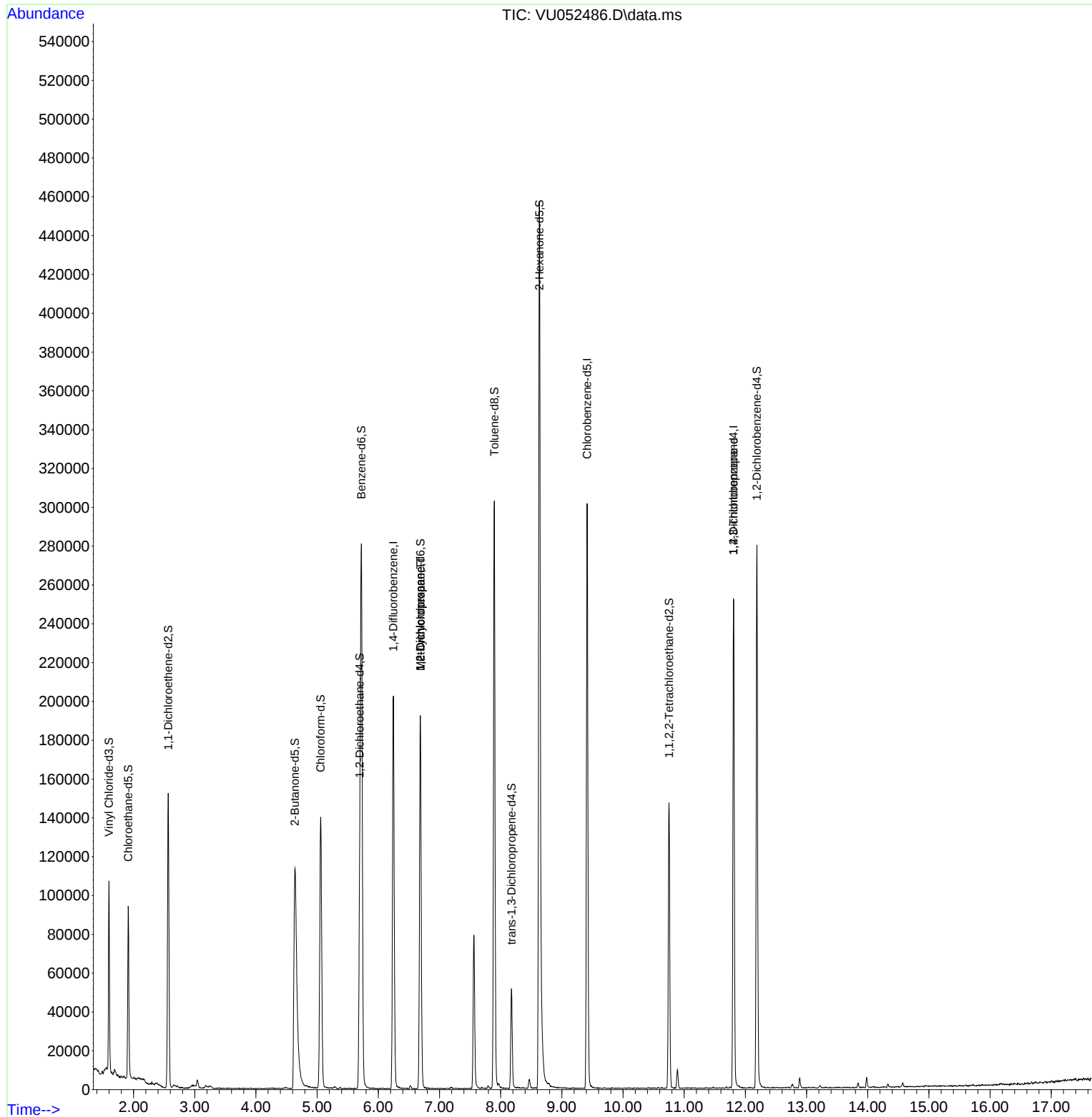
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.247  | 114   | 155518   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.414  | 117   | 155812   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.806 | 152   | 65344    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597  | 65    | 69694    | 4.423    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 88.400%  |
| 7) Chloroethane-d5            | 1.912  | 69    | 64642    | 4.757    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 95.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.568  | 65    | 30579    | 4.510    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 90.200%  |
| 20) 2-Butanone-d5             | 4.636  | 46    | 240087   | 49.139   | ug/L   | -0.01    |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 98.280%  |
| 24) Chloroform-d              | 5.057  | 84    | 131559   | 4.949    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 99.000%  |
| 26) 1,2-Dichloroethane-d4     | 5.697  | 65    | 77217    | 5.008    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 100.200% |
| 32) Benzene-d6                | 5.723  | 84    | 258103   | 4.832    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 96.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.687  | 67    | 91555    | 4.979    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 99.600%  |
| 41) Toluene-d8                | 7.896  | 98    | 195699   | 4.364    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 87.200%  |
| 43) trans-1,3-Dichloroprop... | 8.176  | 79    | 29364    | 4.663    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 93.200%  |
| 46) 2-Hexanone-d5             | 8.632  | 63    | 154311   | 44.792   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 89.580%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.751 | 84    | 75249    | 4.820    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 96.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.189 | 152   | 70635    | 5.310    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 106.200% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 35) Methylcyclohexane         | 6.687  | 83    | 20015    | 1.012    | ug/L # | 14       |
| 37) 1,2-Dichloropropane       | 6.687  | 63    | 9834     | 0.628    | ug/L # | 88       |
| 61) 1,2,3-Trichloropropane    | 11.806 | 75    | 9206     | 0.982    | ug/L # | 65       |
| -----                         |        |       |          |          |        |          |

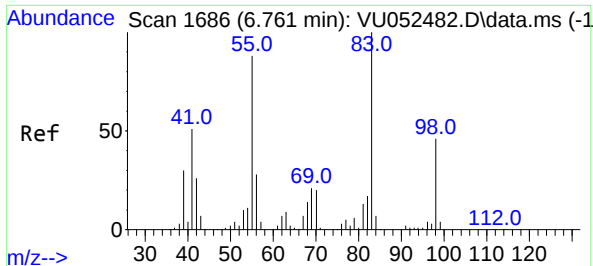
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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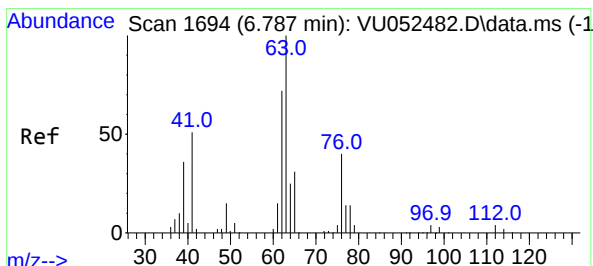
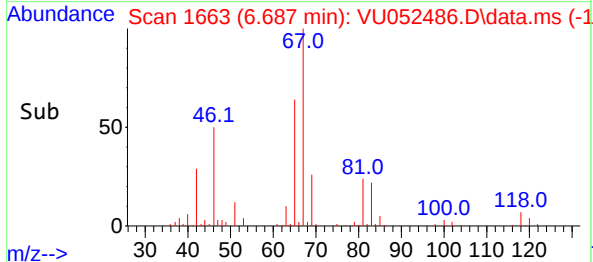
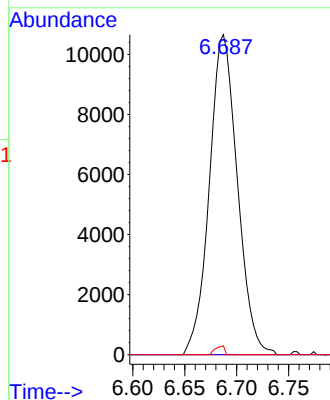
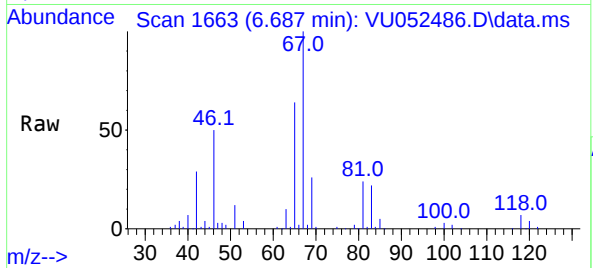




#35  
Methylcyclohexane  
Concen: 1.012 ug/L  
RT: 6.687 min Scan# 1663  
Delta R.T. -0.074 min  
Lab File: VU052486.D  
Acq: 22 Dec 2022 13:08

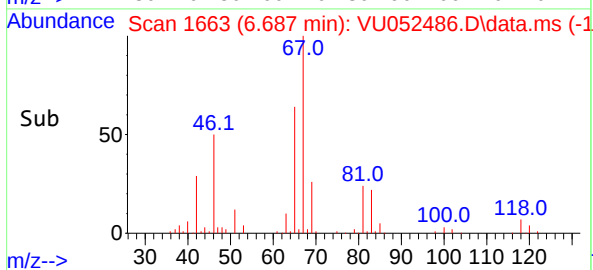
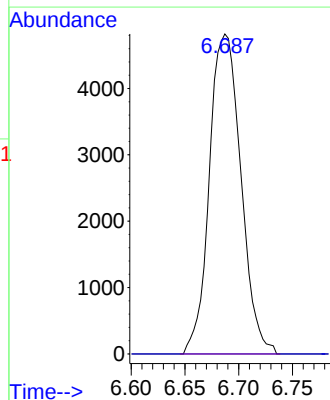
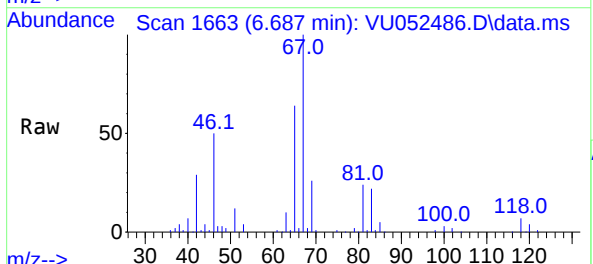
Instrument :  
MSVOA\_U  
ClientSampleId :  
GBQB9

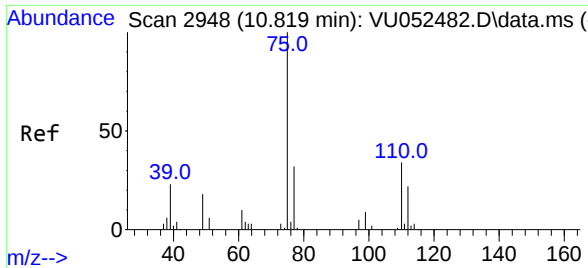
Tgt Ion: 83 Resp: 20015  
Ion Ratio Lower Upper  
83 100  
55 0.0 71.4 107.0#  
98 0.9 36.5 54.7#



#37  
1,2-Dichloropropane  
Concen: 0.628 ug/L  
RT: 6.687 min Scan# 1663  
Delta R.T. -0.103 min  
Lab File: VU052486.D  
Acq: 22 Dec 2022 13:08

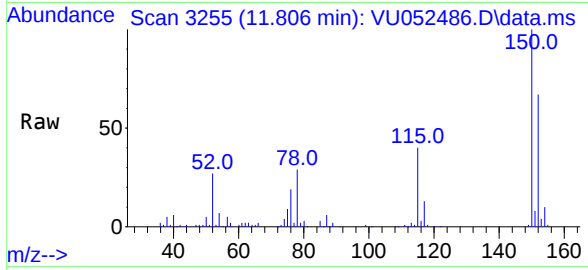
Tgt Ion: 63 Resp: 9834  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.0 4.6#





#61  
 1,2,3-Trichloropropane  
 Concen: 0.982 ug/L  
 RT: 11.806 min Scan# 31  
 Delta R.T. 0.987 min  
 Lab File: VU052486.D  
 Acq: 22 Dec 2022 13:08

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Tgt Ion: 75 Resp: 9206

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 110 | 0.7   | 27.9  | 41.9# |
| 77  | 27.5  | 25.9  | 38.9  |

