

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU060923\  
 Data File : VU054459.D  
 Acq On : 09 Jun 2023 13:45  
 Operator : MD/SY  
 Sample : 03105-18  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0FG9

Quant Time: Jun 12 01:00:26 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR060723WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Mon Jun 12 00:58:03 2023  
 Response via : Initial Calibration

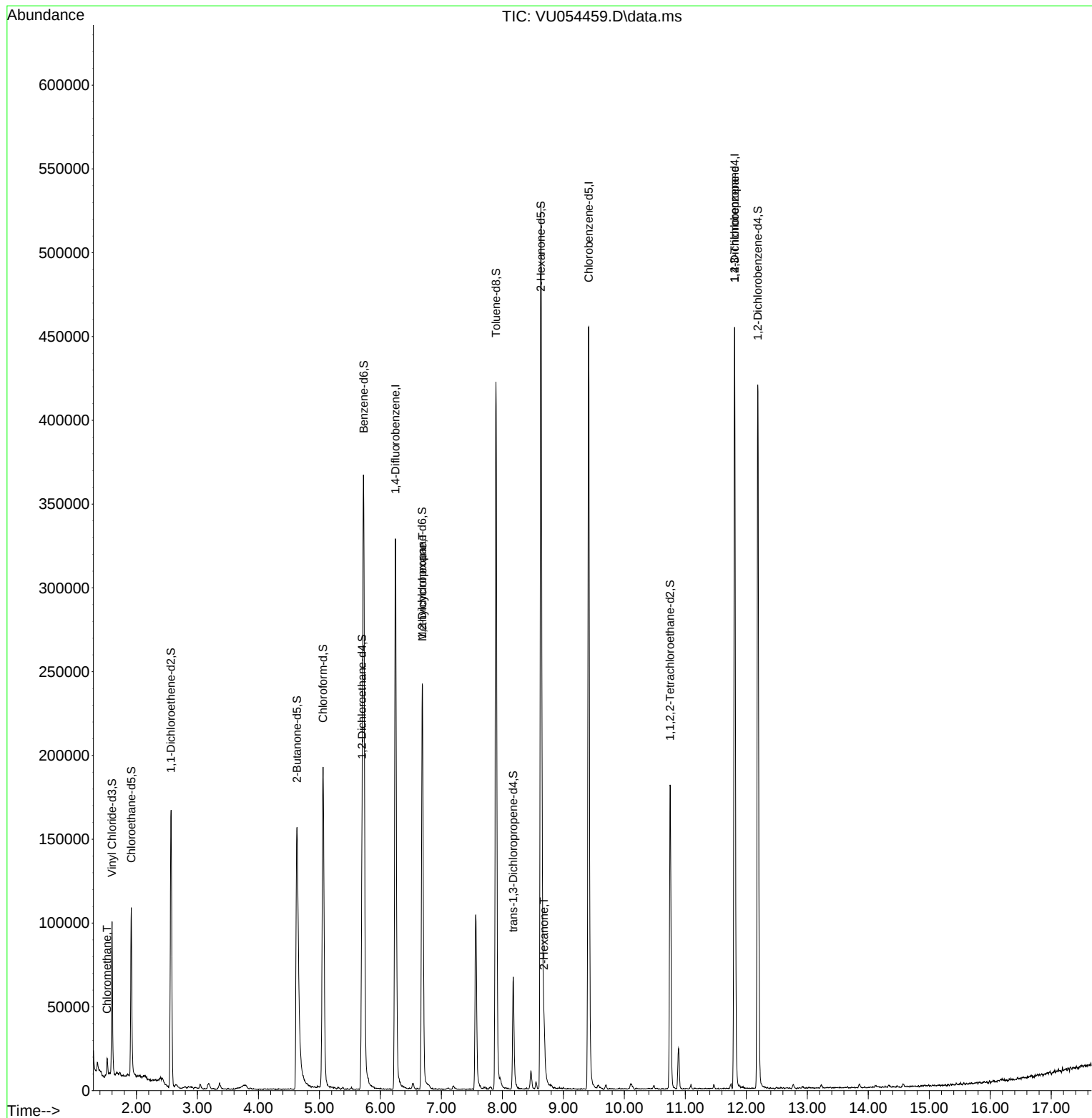
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114            | 276115   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.415  | 117            | 262825   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152            | 126615   | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.599  | 65             | 68281    | 3.886  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 77.800%  |          |
| 7) Chloroethane-d5            | 1.914  | 69             | 75439    | 4.585  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 91.800%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65             | 32717    | 4.169  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 83.400%  |          |
| 20) 2-Butanone-d5             | 4.631  | 46             | 275011   | 55.664 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 111.320% |          |
| 24) Chloroform-d              | 5.059  | 84             | 182270   | 4.962  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 99.200%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.698  | 65             | 92781    | 5.182  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 103.600% |          |
| 32) Benzene-d6                | 5.724  | 84             | 343344   | 4.699  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 94.000%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67             | 124391   | 5.098  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 102.000% |          |
| 41) Toluene-d8                | 7.894  | 98             | 291008   | 4.488  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 89.800%  |          |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79             | 39869    | 4.699  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 94.000%  |          |
| 46) 2-Hexanone-d5             | 8.631  | 63             | 181911   | 51.103 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 102.200% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.750 | 84             | 96252    | 5.290  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 105.800% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152            | 113991   | 5.338  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 106.800% |          |
| Target Compounds              |        |                |          |        |          |          |
| 3) Chloromethane              | 1.518  | 50             | 7021     | 0.237  | ug/L     | 94       |
| 35) Methylcyclohexane         | 6.689  | 83             | 27271    | 0.722  | ug/L #   | 16       |
| 48) 2-Hexanone                | 8.682  | 43             | 16450    | 1.620  | ug/L #   | 80       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75             | 15970    | 1.248  | ug/L #   | 69       |

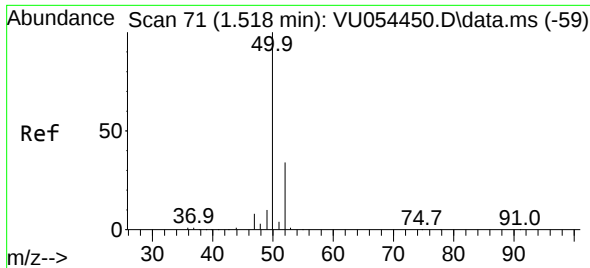
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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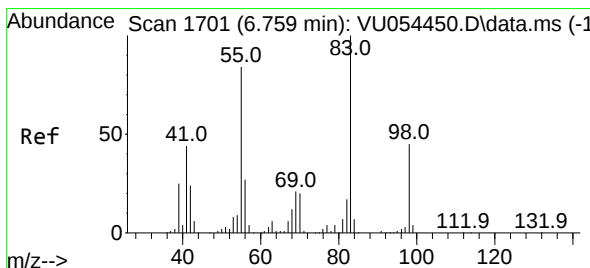
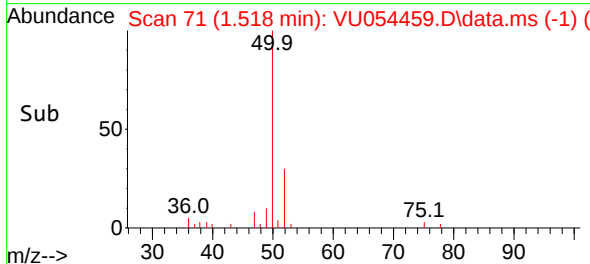
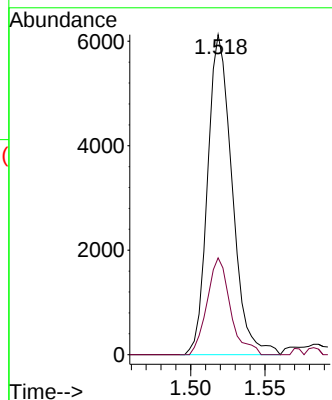
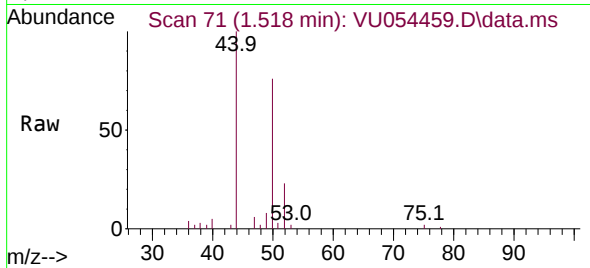




#3  
Chloromethane  
Concen: 0.237 ug/L  
RT: 1.518 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VU054459.D  
Acq: 09 Jun 2023 13:45

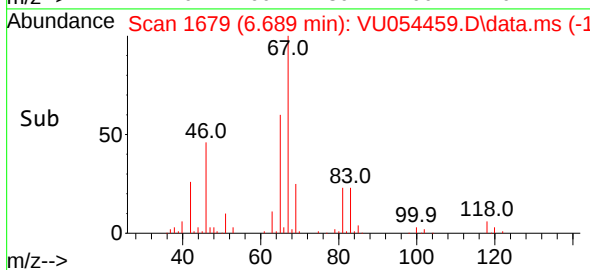
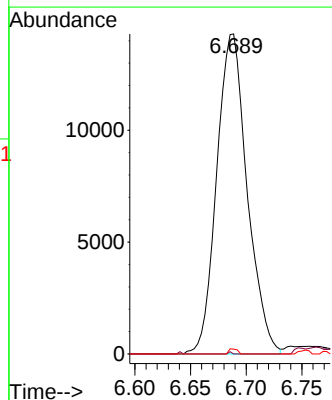
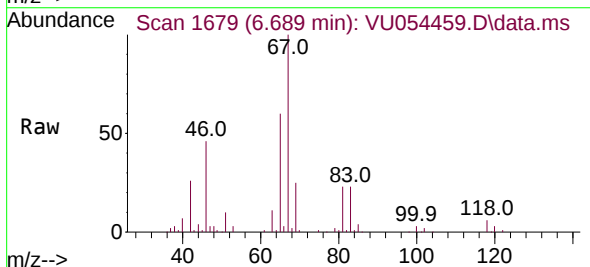
Instrument :  
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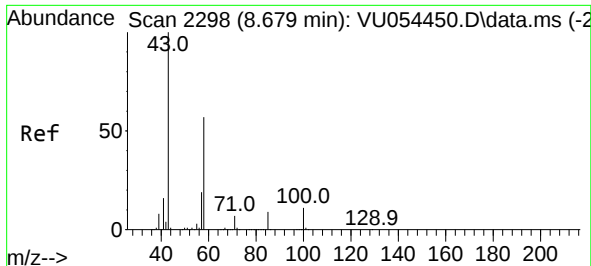
Tgt Ion: 50 Resp: 7021  
Ion Ratio Lower Upper  
50 100  
52 30.3 23.4 43.4



#35  
Methylcyclohexane  
Concen: 0.722 ug/L  
RT: 6.689 min Scan# 1679  
Delta R.T. -0.071 min  
Lab File: VU054459.D  
Acq: 09 Jun 2023 13:45

Tgt Ion: 83 Resp: 27271  
Ion Ratio Lower Upper  
83 100  
55 0.1 67.1 100.7#  
98 0.4 35.1 52.7#

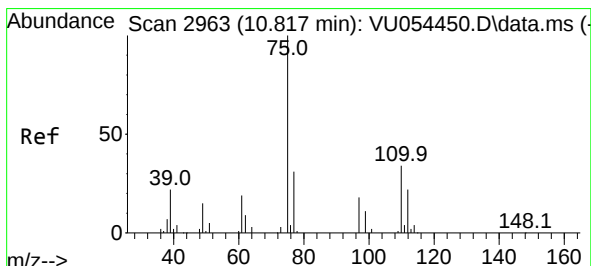
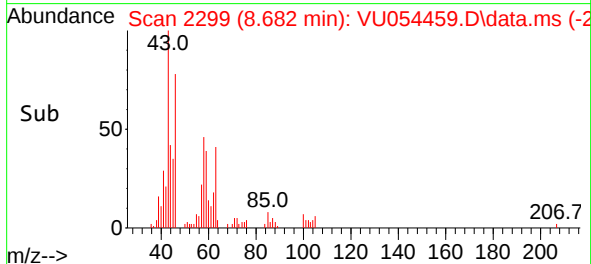
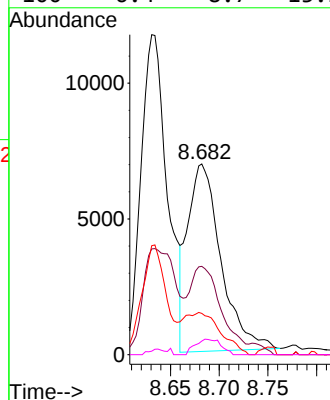
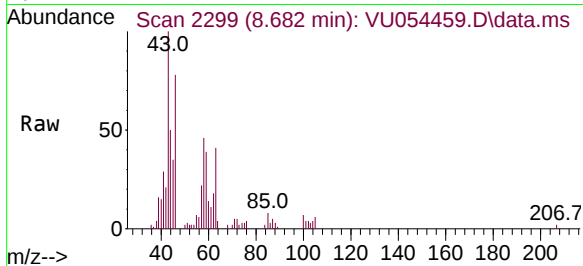




#48  
2-Hexanone  
Concen: 1.620 ug/L  
RT: 8.682 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: VU054459.D  
Acq: 09 Jun 2023 13:45

Instrument :  
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Tgt Ion: 43 Resp: 16450  
Ion Ratio Lower Upper  
43 100  
58 38.6 45.2 67.8#  
57 24.2 15.8 23.6#  
100 6.4 8.7 13.1#



#61  
1,2,3-Trichloropropane  
Concen: 1.248 ug/L  
RT: 11.807 min Scan# 3271  
Delta R.T. 0.990 min  
Lab File: VU054459.D  
Acq: 09 Jun 2023 13:45

Tgt Ion: 75 Resp: 15970  
Ion Ratio Lower Upper  
75 100  
110 1.7 28.0 42.0#  
77 31.3 25.4 38.2

