

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041724\  
 Data File : VU058733.D  
 Acq On : 17 Apr 2024 14:25  
 Operator : MD/SY  
 Sample : P2143-02  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Apr 18 05:05:29 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR040424WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Apr 18 05:04:53 2024  
 Response via : Initial Calibration

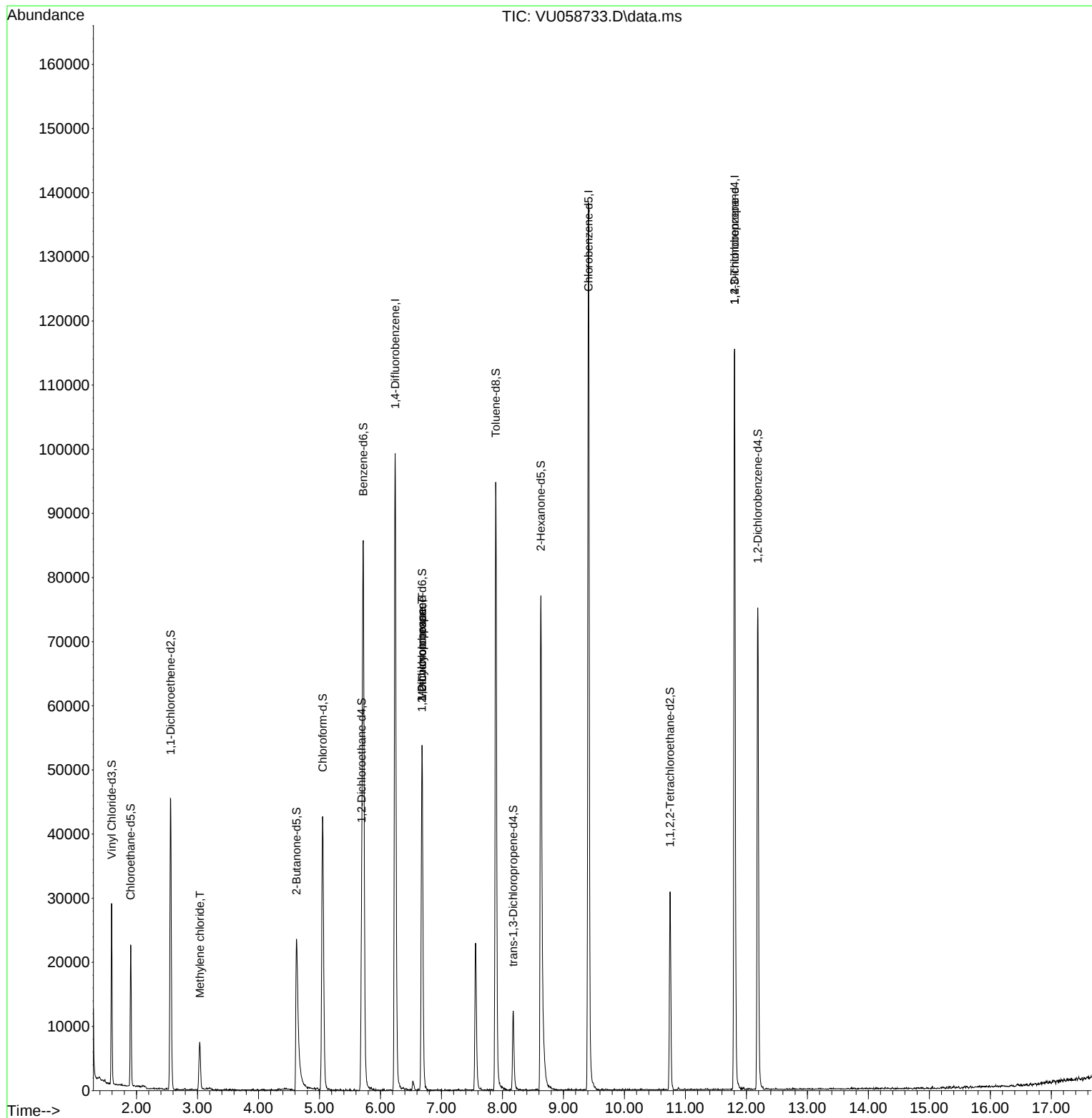
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 76958    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 74088    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 30933    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.592  | 65    | 18897    | 3.709    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 74.200%  |
| 7) Chloroethane-d5            | 1.904  | 69    | 15625    | 3.529    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 70.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 9034     | 3.917    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 78.400%  |
| 20) 2-Butanone-d5             | 4.624  | 46    | 43494    | 40.507   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 81.020%  |
| 24) Chloroform-d              | 5.052  | 84    | 41073    | 4.038    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 80.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.692  | 65    | 21259    | 4.479    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 89.600%  |
| 32) Benzene-d6                | 5.717  | 84    | 78548    | 3.938    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 78.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 26107    | 4.174    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 83.400%  |
| 41) Toluene-d8                | 7.891  | 98    | 63669    | 3.599    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 72.000%  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 8042     | 4.142    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 82.800%  |
| 46) 2-Hexanone-d5             | 8.631  | 63    | 27801    | 34.713   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 69.420%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84    | 16248    | 3.679    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 73.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 20324    | 3.901    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 78.000%# |
| Target Compounds              |        |       |          |          |        |          |
| 16) Methylene chloride        | 3.039  | 84    | 3581     | 0.495    | ug/L   | 99       |
| 35) Methylcyclohexane         | 6.682  | 83    | 5491     | 0.538    | ug/L # | 16       |
| 37) 1,2-Dichloropropane       | 6.679  | 63    | 2891     | 0.409    | ug/L # | 90       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75    | 4182     | 1.325    | ug/L # | 69       |

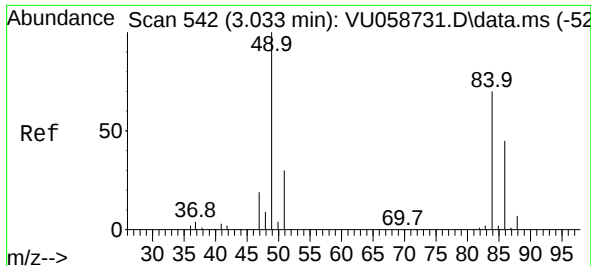
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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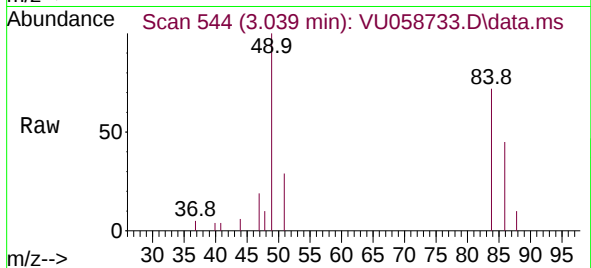
Quant Time: Apr 18 05:05:29 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR040424WMA.M  
Quant Title : TRACE VOA SFAM1.0  
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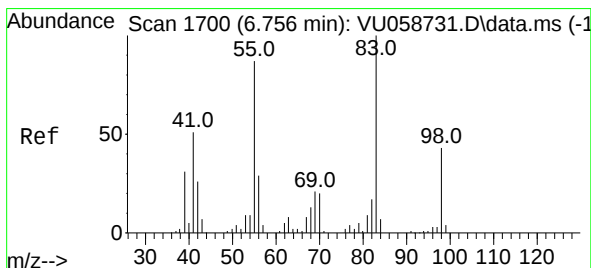
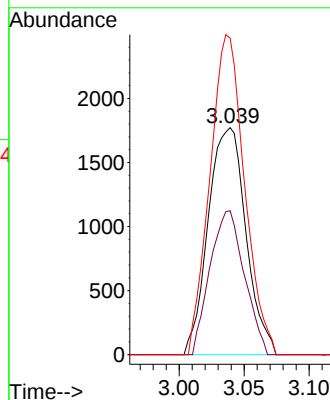
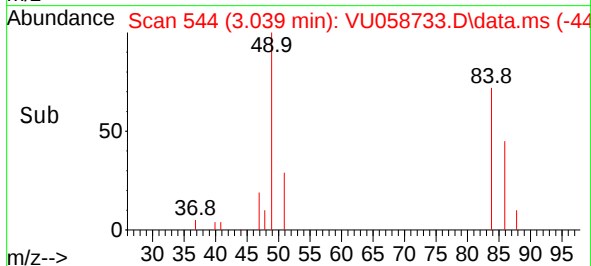


#16  
Methylene chloride  
Concen: 0.495 ug/L  
RT: 3.039 min Scan# 542  
Delta R.T. 0.006 min  
Lab File: VU058733.D  
Acq: 17 Apr 2024 14:25

Instrument :  
MSVOA\_U  
ClientSampleId :

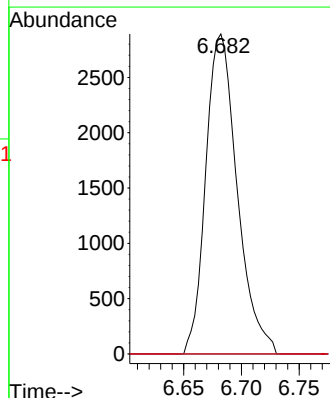
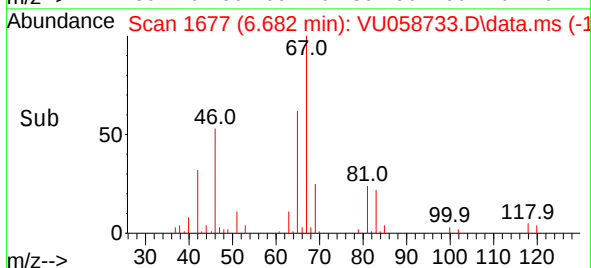
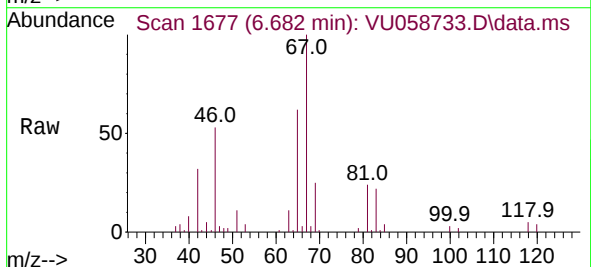


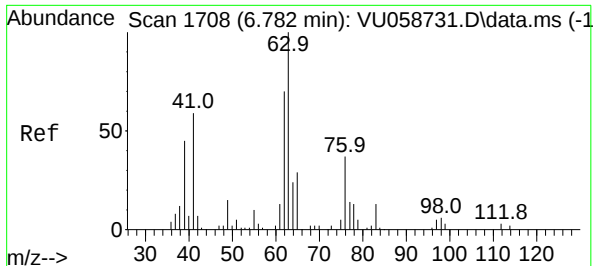
Tgt Ion: 84 Resp: 3581  
Ion Ratio Lower Upper  
84 100  
86 63.4 44.3 82.3  
49 139.5 96.0 178.2



#35  
Methylcyclohexane  
Concen: 0.538 ug/L  
RT: 6.682 min Scan# 1677  
Delta R.T. -0.074 min  
Lab File: VU058733.D  
Acq: 17 Apr 2024 14:25

Tgt Ion: 83 Resp: 5491  
Ion Ratio Lower Upper  
83 100  
55 0.0 66.2 99.4#  
98 0.0 34.6 52.0#

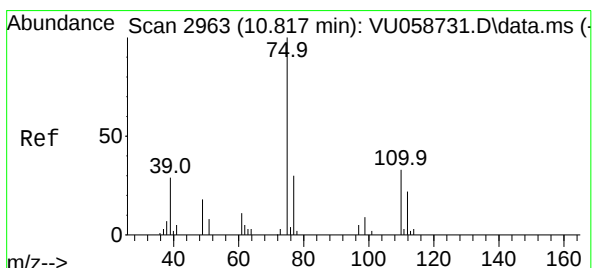
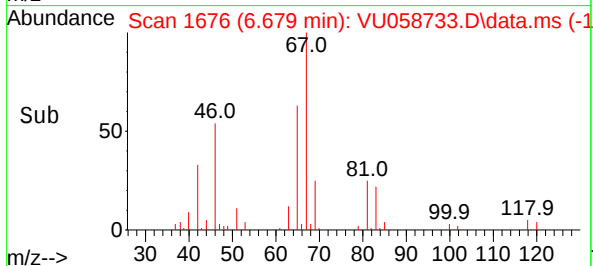
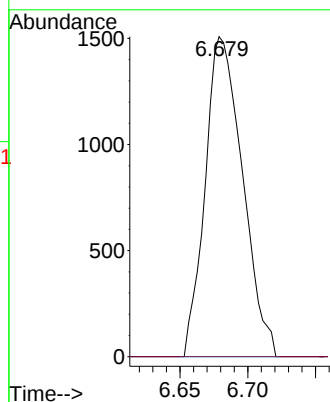
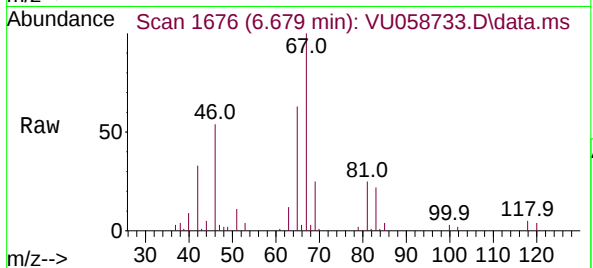




#37  
1,2-Dichloropropane  
Concen: 0.409 ug/L  
RT: 6.679 min Scan# 1  
Delta R.T. -0.103 min  
Lab File: VU058733.D  
Acq: 17 Apr 2024 14:25

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Tgt Ion: 63 Resp: 2891  
Ion Ratio Lower Upper  
63 100  
112 0.0 2.6 4.0#



#61  
1,2,3-Trichloropropane  
Concen: 1.325 ug/L  
RT: 11.807 min Scan# 3271  
Delta R.T. 0.990 min  
Lab File: VU058733.D  
Acq: 17 Apr 2024 14:25

Tgt Ion: 75 Resp: 4182  
Ion Ratio Lower Upper  
75 100  
110 0.0 25.8 38.6#  
77 29.8 25.1 37.7

