

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU121823\  
 Data File : VU056993.D  
 Acq On : 18 Dec 2023 15:07  
 Operator : MD/SY  
 Sample : 05842-02DL 4X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Dec 19 01:41:01 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR121123WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Dec 19 01:20:32 2023  
 Response via : Initial Calibration

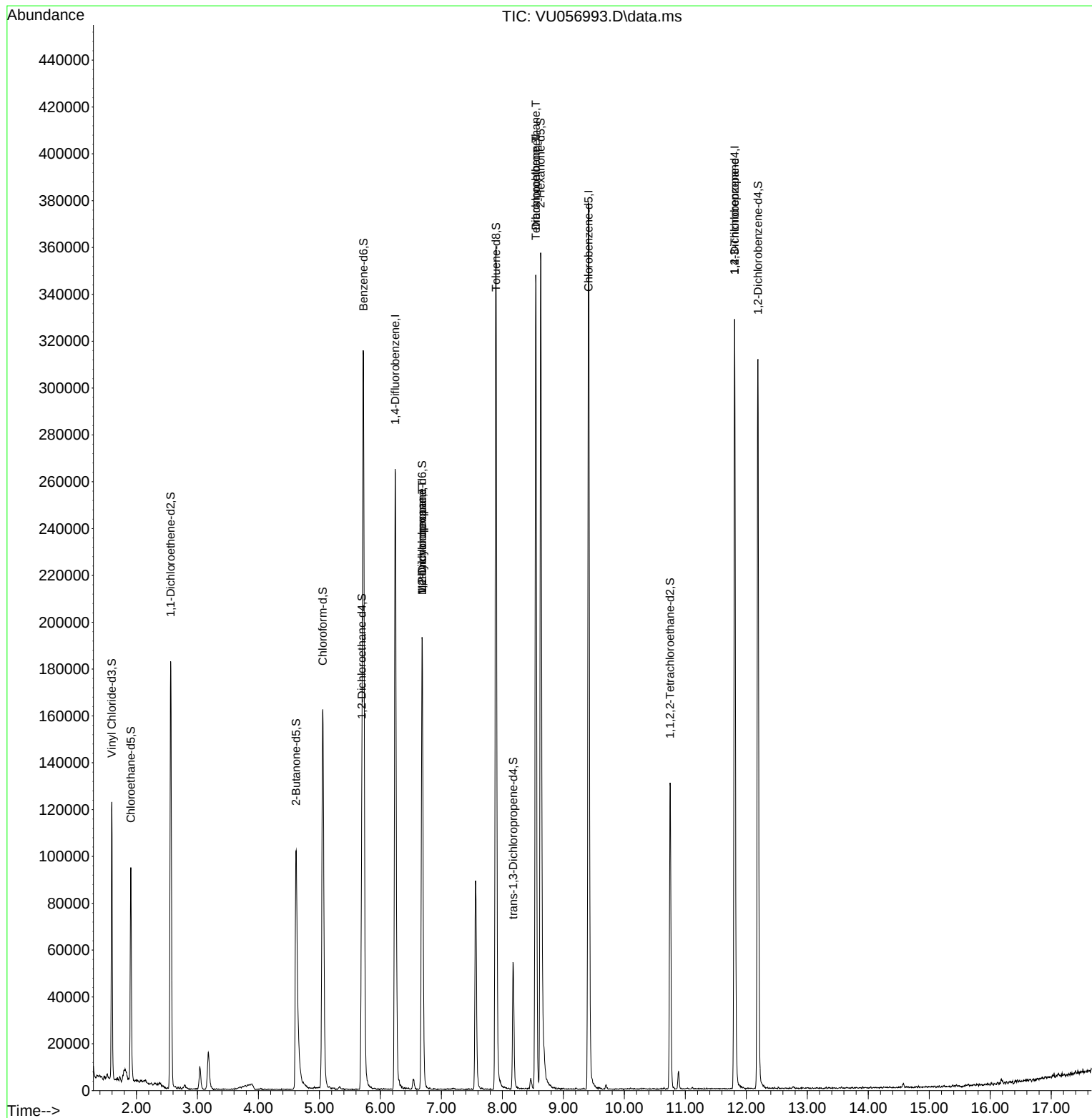
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114            | 214569   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117            | 217771   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152            | 87367    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65             | 84911    | 4.617  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 92.400%  |          |
| 7) Chloroethane-d5            | 1.908  | 69             | 69932    | 5.081  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 101.600% |          |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65             | 34468    | 4.380  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 87.600%  |          |
| 20) 2-Butanone-d5             | 4.618  | 46             | 143517   | 39.513 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 79.020%  |          |
| 24) Chloroform-d              | 5.055  | 84             | 156694   | 4.499  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 90.000%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65             | 76294    | 4.629  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 92.600%  |          |
| 32) Benzene-d6                | 5.721  | 84             | 300382   | 4.447  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 89.000%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67             | 93400    | 4.418  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 88.400%  |          |
| 41) Toluene-d8                | 7.894  | 98             | 250647   | 4.152  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 83.000%  |          |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79             | 32951    | 4.019  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 80.400%  |          |
| 46) 2-Hexanone-d5             | 8.627  | 63             | 121417   | 39.265 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 78.520%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.750 | 84             | 65845    | 4.305  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 86.000%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152            | 82286    | 4.791  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 95.800%  |          |
| Target Compounds              |        |                |          |        |          |          |
| 35) Methylcyclohexane         | 6.685  | 83             | 22440    | 0.724  | ug/L #   | 17       |
| 37) 1,2-Dichloropropane       | 6.685  | 63             | 10229    | 0.522  | ug/L #   | 89       |
| 47) Tetrachloroethene         | 8.550  | 164            | 75819    | 5.160  | ug/L     | 95       |
| 49) Dibromochloromethane      | 8.547  | 129            | 76787    | 5.047  | ug/L #   | 11       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75             | 11191    | 1.193  | ug/L #   | 69       |

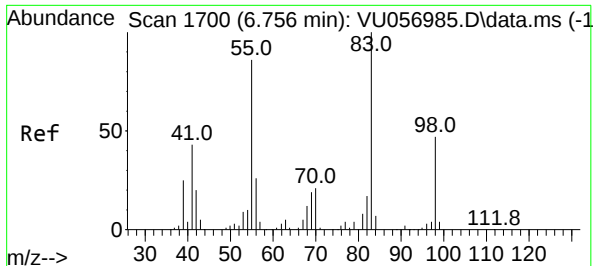
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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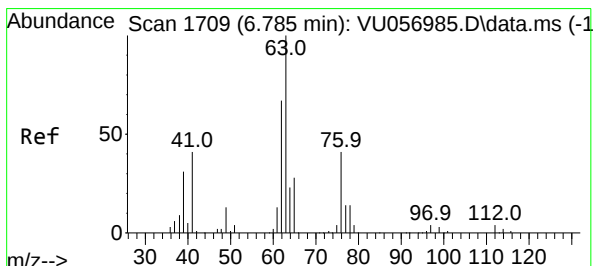
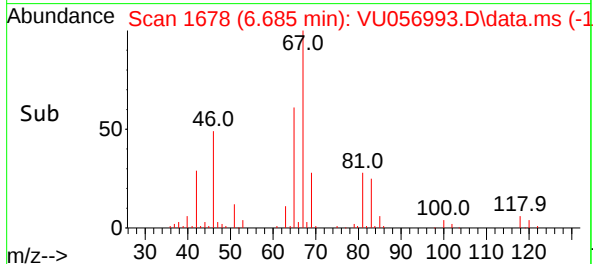
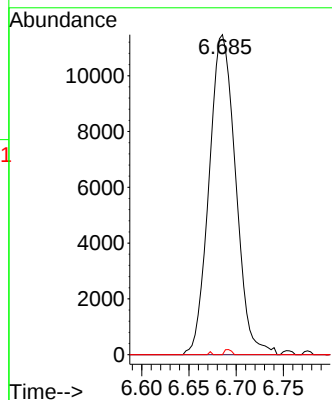
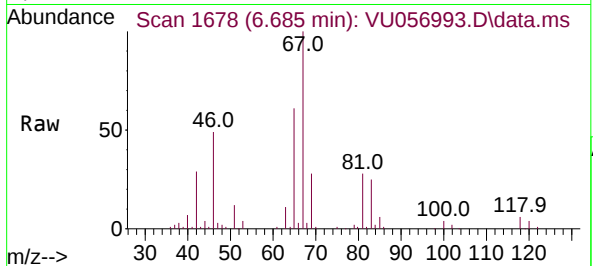




#35  
Methylcyclohexane  
Concen: 0.724 ug/L  
RT: 6.685 min Scan# 1678  
Delta R.T. -0.071 min  
Lab File: VU056993.D  
Acq: 18 Dec 2023 15:07

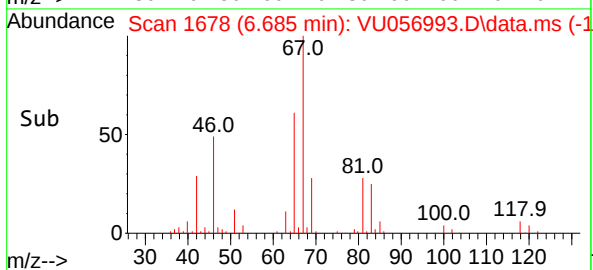
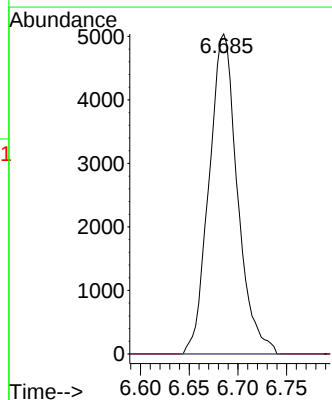
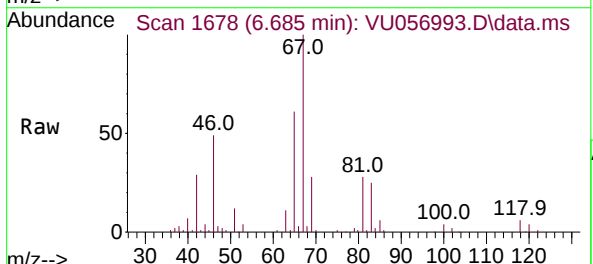
Instrument :  
MSVOA\_U  
ClientSampleId :

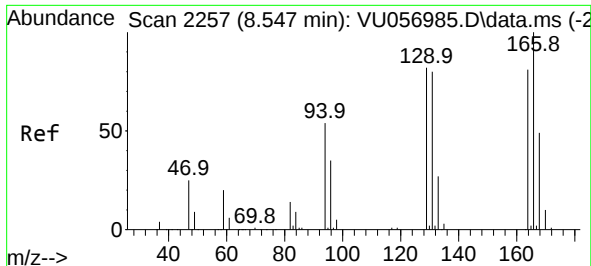
Tgt Ion: 83 Resp: 22440  
Ion Ratio Lower Upper  
83 100  
55 0.0 64.6 97.0#  
98 0.4 36.1 54.1#



#37  
1,2-Dichloropropane  
Concen: 0.522 ug/L  
RT: 6.685 min Scan# 1678  
Delta R.T. -0.100 min  
Lab File: VU056993.D  
Acq: 18 Dec 2023 15:07

Tgt Ion: 63 Resp: 10229  
Ion Ratio Lower Upper  
63 100  
112 0.4 3.3 4.9#





#47

Tetrachloroethene

Concen: 5.160 ug/L

RT: 8.550 min Scan# 21

Delta R.T. 0.003 min

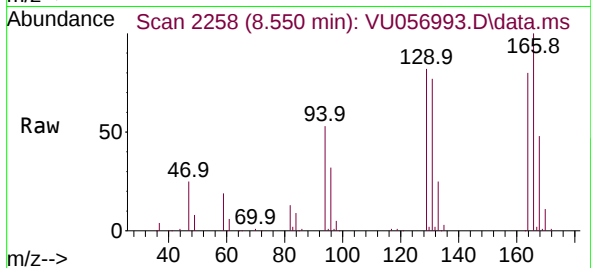
Lab File: VU056993.D

Acq: 18 Dec 2023 15:07

Instrument :

MSVOA\_U

ClientSampleId :



Tgt Ion:164 Resp: 75819

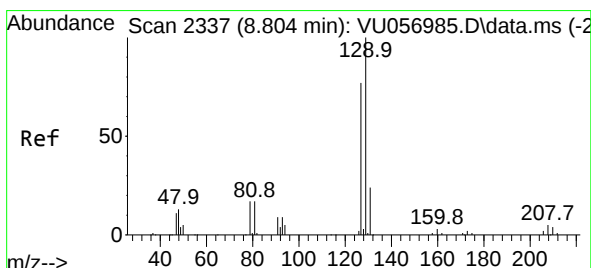
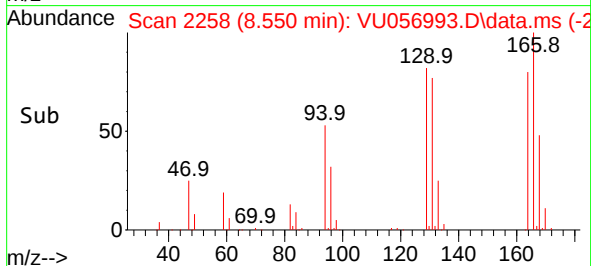
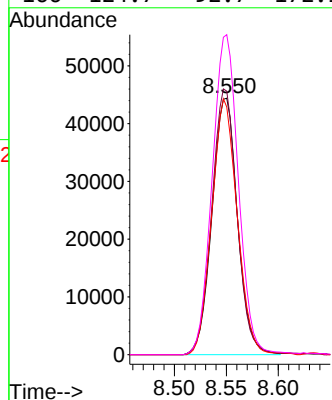
Ion Ratio Lower Upper

164 100

129 102.7 73.4 136.4

131 96.6 71.5 132.9

166 124.7 92.7 172.1



#49

Dibromochloromethane

Concen: 5.047 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.257 min

Lab File: VU056993.D

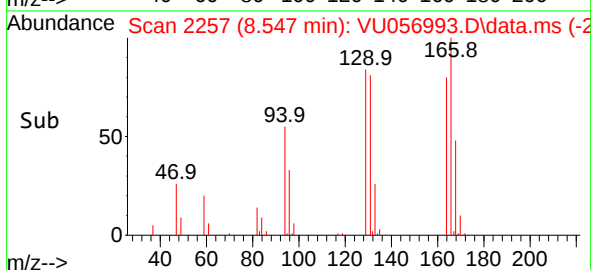
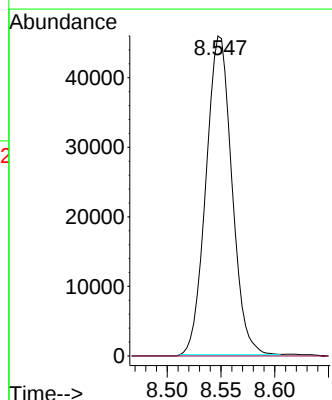
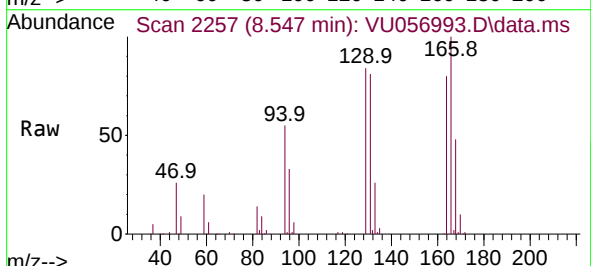
Acq: 18 Dec 2023 15:07

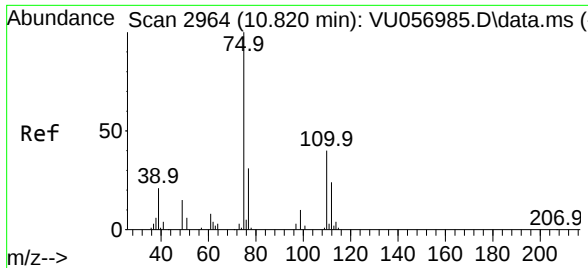
Tgt Ion:129 Resp: 76787

Ion Ratio Lower Upper

129 100

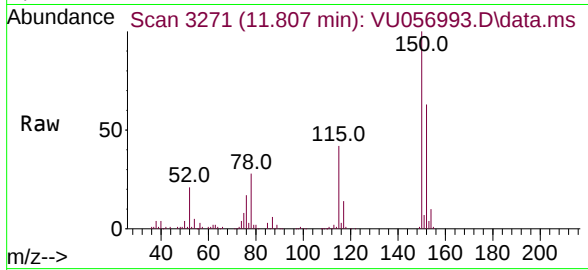
127 0.0 53.9 100.1#





#61  
1,2,3-Trichloropropane  
Concen: 1.193 ug/L  
RT: 11.807 min Scan# 31  
Delta R.T. 0.987 min  
Lab File: VU056993.D  
Acq: 18 Dec 2023 15:07

Instrument :  
MSVOA\_U  
ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 11191 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 2.4   | 28.4  | 42.6# |
| 77       | 35.0  | 26.3  | 39.5  |

