

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU042423\  
 Data File : VU053860.D  
 Acq On : 24 Apr 2023 22:33  
 Operator : JC/MD  
 Sample : 02433-04 50X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 30 Sample Multiplier: 1

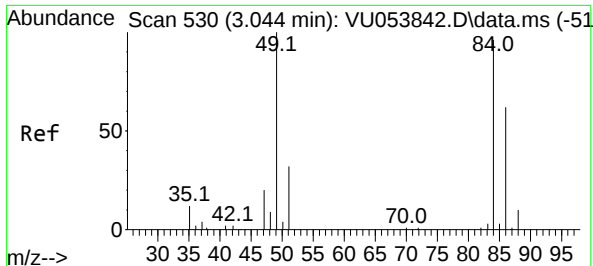
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BHE40

Quant Time: Apr 25 05:06:44 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR042423WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Apr 25 05:01:02 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.247  | 114   | 132653   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.414  | 117   | 125872   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809 | 152   | 61484    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.600  | 65    | 40794    | 5.049    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 101.000% |
| 7) Chloroethane-d5            | 1.916  | 69    | 35876    | 5.290    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 105.800% |
| 11) 1,1-Dichloroethene-d2     | 2.565  | 65    | 16878    | 5.076    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 101.600% |
| 20) 2-Butanone-d5             | 4.636  | 46    | 77370    | 52.281   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 104.560% |
| 24) Chloroform-d              | 5.060  | 84    | 79525    | 5.223    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 104.400% |
| 26) 1,2-Dichloroethane-d4     | 5.697  | 65    | 37656    | 5.352    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 107.000% |
| 32) Benzene-d6                | 5.726  | 84    | 156995   | 5.294    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 105.800% |
| 36) 1,2-Dichloropropane-d6    | 6.684  | 67    | 49554    | 5.524    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 110.400% |
| 41) Toluene-d8                | 7.893  | 98    | 141108   | 5.099    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 102.000% |
| 43) trans-1,3-Dichloroprop... | 8.176  | 79    | 16998    | 4.818    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 96.400%  |
| 46) 2-Hexanone-d5             | 8.632  | 63    | 66195    | 53.017   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 106.040% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.751 | 84    | 36496    | 5.034    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 100.600% |
| 66) 1,2-Dichlorobenzene-d4    | 12.188 | 152   | 51404    | 5.213    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 104.200% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 16) Methylene chloride        | 3.044  | 84    | 11144    | 0.979    | ug/L   | 95       |
| 34) Trichloroethene           | 6.546  | 95    | 3692     | 0.382    | ug/L   | 90       |
| 47) Tetrachloroethene         | 8.549  | 164   | 4505     | 0.588    | ug/L   | 89       |
| -----                         |        |       |          |          |        |          |

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

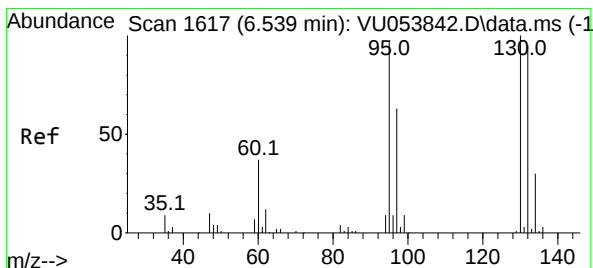
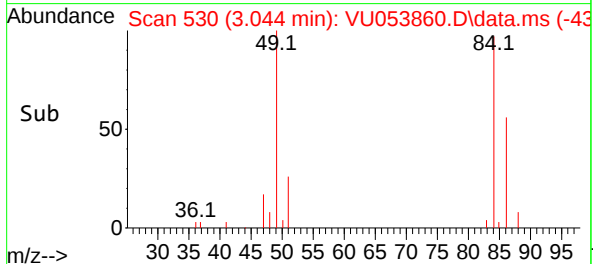
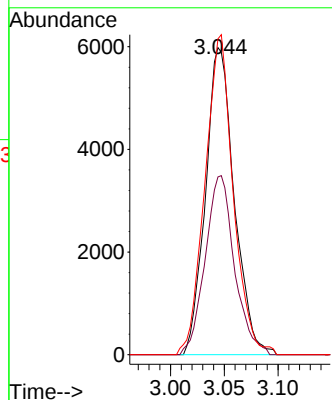
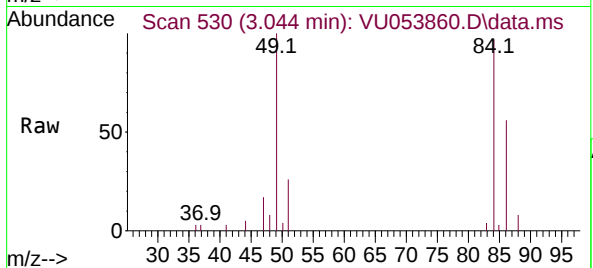




#16  
Methylene chloride  
Concen: 0.979 ug/L  
RT: 3.044 min Scan# 511  
Delta R.T. -0.000 min  
Lab File: VU053860.D  
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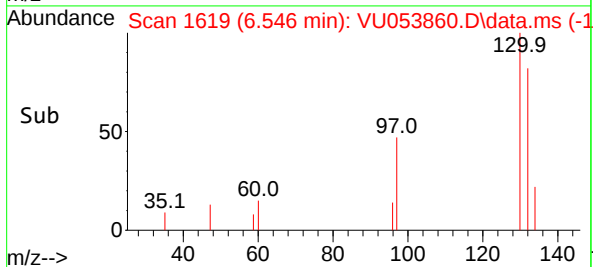
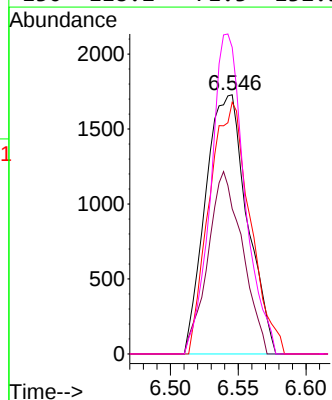
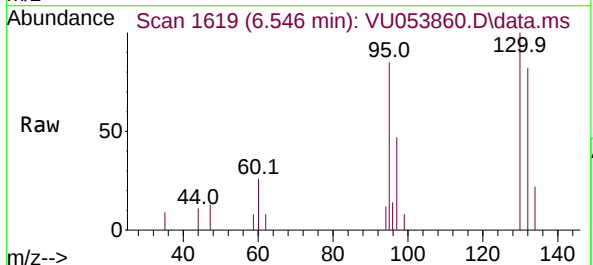
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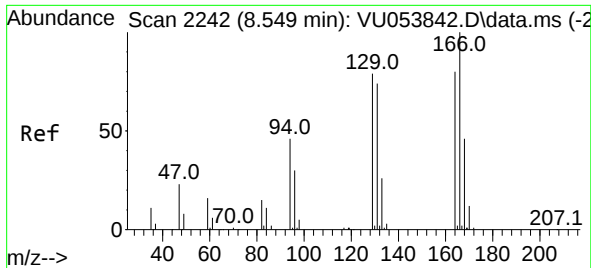
Tgt Ion: 84 Resp: 11144  
Ion Ratio Lower Upper  
84 100  
86 57.9 45.0 83.6  
49 102.8 74.8 138.8



#34  
Trichloroethene  
Concen: 0.382 ug/L  
RT: 6.546 min Scan# 1619  
Delta R.T. 0.006 min  
Lab File: VU053860.D  
Acq: 24 Apr 2023 22:33

Tgt Ion: 95 Resp: 3692  
Ion Ratio Lower Upper  
95 100  
97 56.0 45.1 83.9  
132 97.1 69.9 129.9  
130 118.2 71.3 132.3





#47

Tetrachloroethene

Concen: 0.588 ug/L

RT: 8.549 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU053860.D

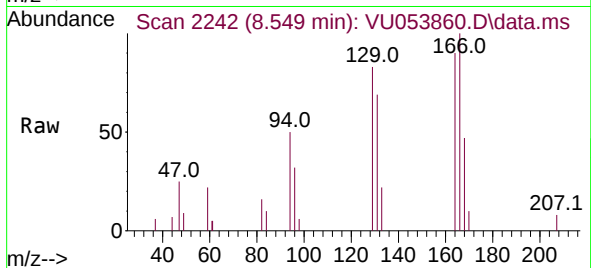
Acq: 24 Apr 2023 22:33

Instrument :

MSVOA\_U

ClientSampleId :

BHE40



Tgt Ion:164 Resp: 4505

Ion Ratio Lower Upper

164 100

129 92.9 68.3 126.8

131 77.3 64.4 119.6

166 111.5 88.3 163.9

