

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU070324\  
 Data File : VU059766.D  
 Acq On : 03 Jul 2024 02:44  
 Operator : MD/SY  
 Sample : P3121-20DL 40X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 47 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 COBM8DL

Quant Time: Jul 03 04:11:41 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR061724WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Jul 03 04:07:12 2024  
 Response via : Initial Calibration

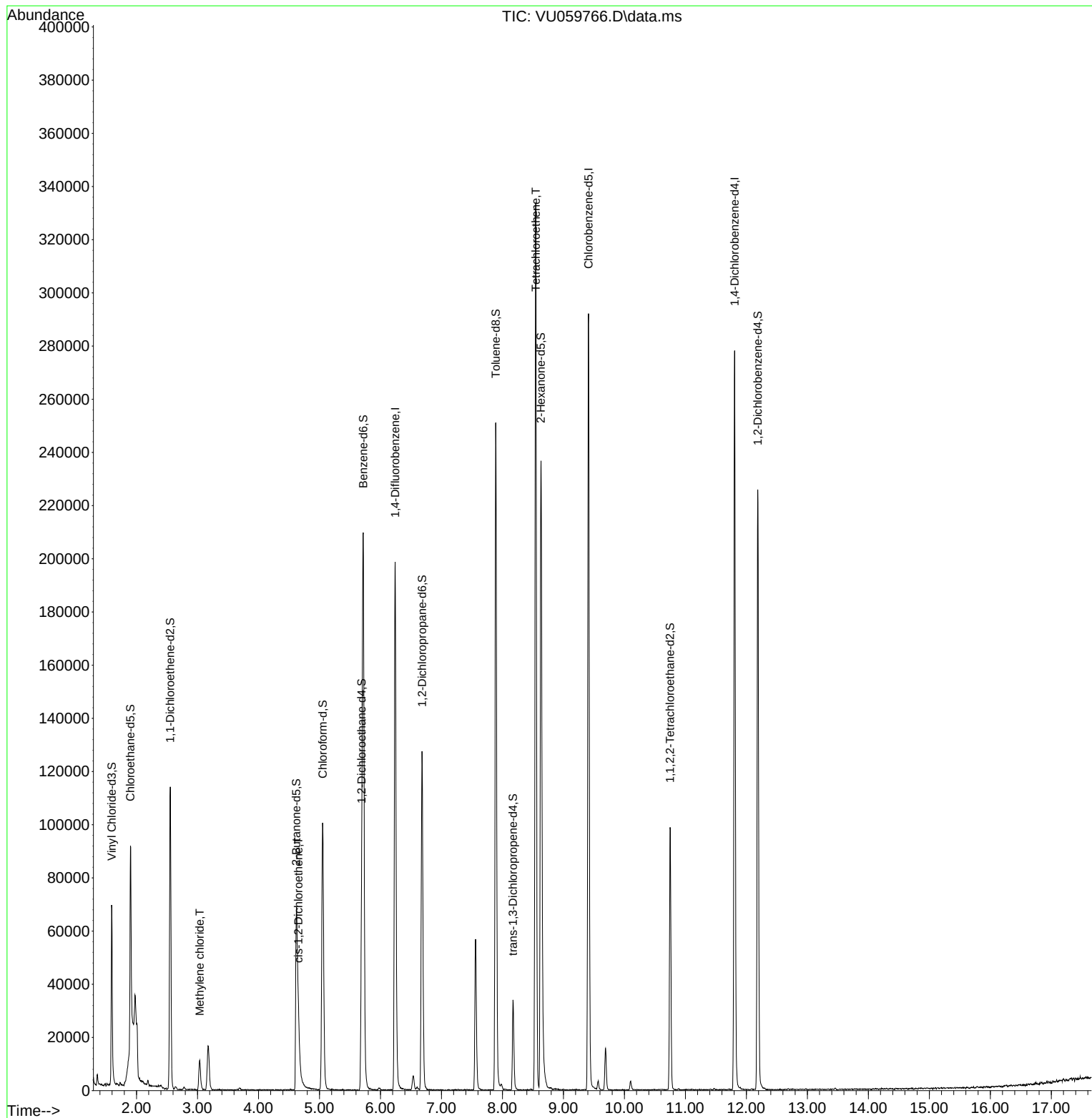
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114            | 169308   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117            | 171638   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152            | 79350    | 5.000  | ug/L     | 0.00     |
|                               |        |                |          |        |          |          |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.592  | 65             | 54958    | 4.668  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 93.400%  |          |
| 7) Chloroethane-d5            | 1.901  | 69             | 60781    | 5.366  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 107.400% |          |
| 11) 1,1-Dichloroethene-d2     | 2.554  | 65             | 22117    | 4.528  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 90.600%  |          |
| 20) 2-Butanone-d5             | 4.621  | 46             | 111026   | 45.783 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 91.560%  |          |
| 24) Chloroform-d              | 5.052  | 84             | 99371    | 4.112  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 82.200%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.692  | 65             | 49303    | 4.236  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 84.800%  |          |
| 32) Benzene-d6                | 5.717  | 84             | 207302   | 4.388  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 87.800%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67             | 64612    | 4.464  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 89.200%  |          |
| 41) Toluene-d8                | 7.891  | 98             | 176704   | 4.024  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 80.400%  |          |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79             | 20741    | 4.576  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 91.600%  |          |
| 46) 2-Hexanone-d5             | 8.630  | 63             | 94777    | 50.326 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 100.660% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84             | 52324    | 4.375  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 87.600%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152            | 64899    | 4.595  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 92.000%  |          |
|                               |        |                |          |        |          |          |
| Target Compounds              |        |                |          |        |          | Qvalue   |
| 16) Methylene chloride        | 3.036  | 84             | 6542     | 0.460  | ug/L     | 87       |
| 22) cis-1,2-Dichloroethene    | 4.656  | 96             | 4760     | 0.346  | ug/L     | 87       |
| 47) Tetrachloroethene         | 8.547  | 164            | 77971    | 7.118  | ug/L     | 94       |
| -----                         |        |                |          |        |          |          |

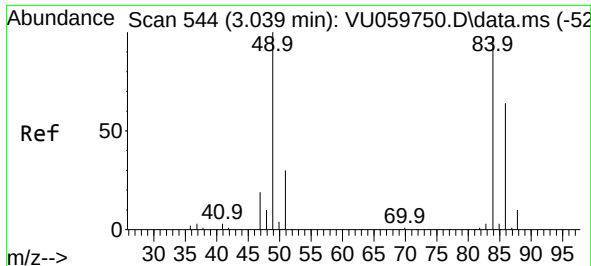
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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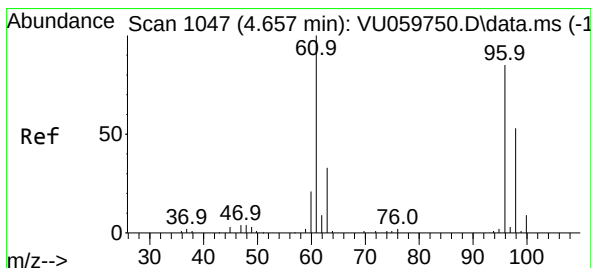
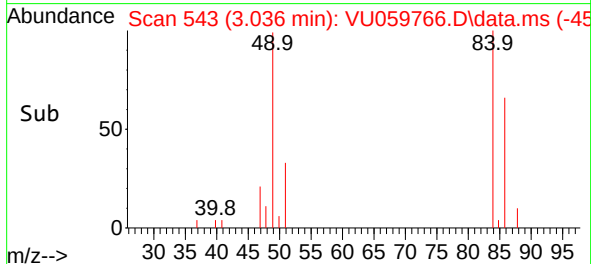
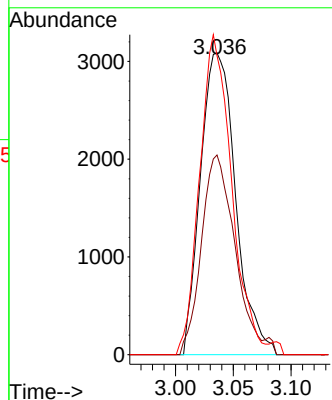
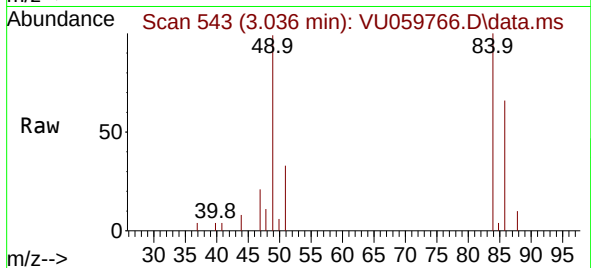




#16  
Methylene chloride  
Concen: 0.460 ug/L  
RT: 3.036 min Scan# 544  
Delta R.T. -0.003 min  
Lab File: VU059766.D  
Acq: 03 Jul 2024 02:44

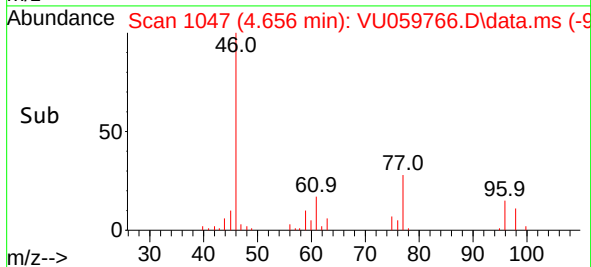
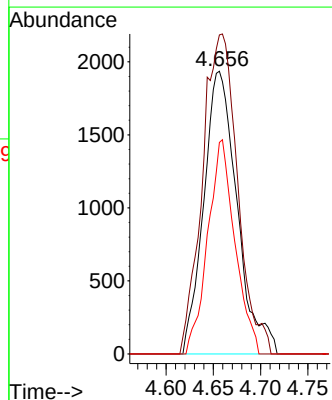
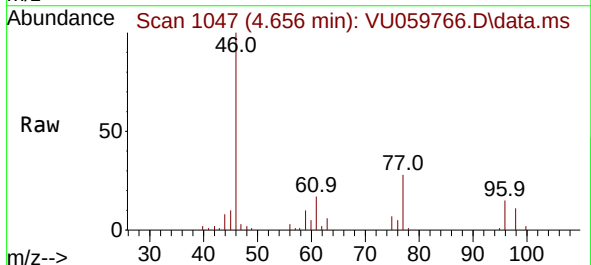
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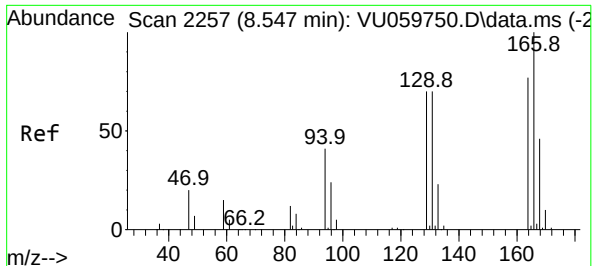
Tgt Ion: 84 Resp: 6542  
Ion Ratio Lower Upper  
84 100  
86 66.2 42.1 78.1  
49 99.1 80.6 149.8



#22  
cis-1,2-Dichloroethene  
Concen: 0.346 ug/L  
RT: 4.656 min Scan# 1047  
Delta R.T. -0.000 min  
Lab File: VU059766.D  
Acq: 03 Jul 2024 02:44

Tgt Ion: 96 Resp: 4760  
Ion Ratio Lower Upper  
96 100  
61 112.9 87.4 162.2  
98 74.8 42.3 78.5





#47  
 Tetrachloroethene  
 Concen: 7.118 ug/L  
 RT: 8.547 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VU059766.D  
 Acq: 03 Jul 2024 02:44

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0BM8DL

Tgt Ion:164 Resp: 77971

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 91.7  | 70.8  | 131.4 |
| 131 | 88.8  | 64.8  | 120.3 |
| 166 | 125.6 | 91.1  | 169.1 |

