

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU071824\  
 Data File : VU060052.D  
 Acq On : 19 Jul 2024 11:26  
 Operator : MD/SY  
 Sample : P3217-07DL 500X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 47 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 YDZG4DL

Quant Time: Jul 20 00:56:52 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR071824WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Jul 19 02:49:52 2024  
 Response via : Initial Calibration

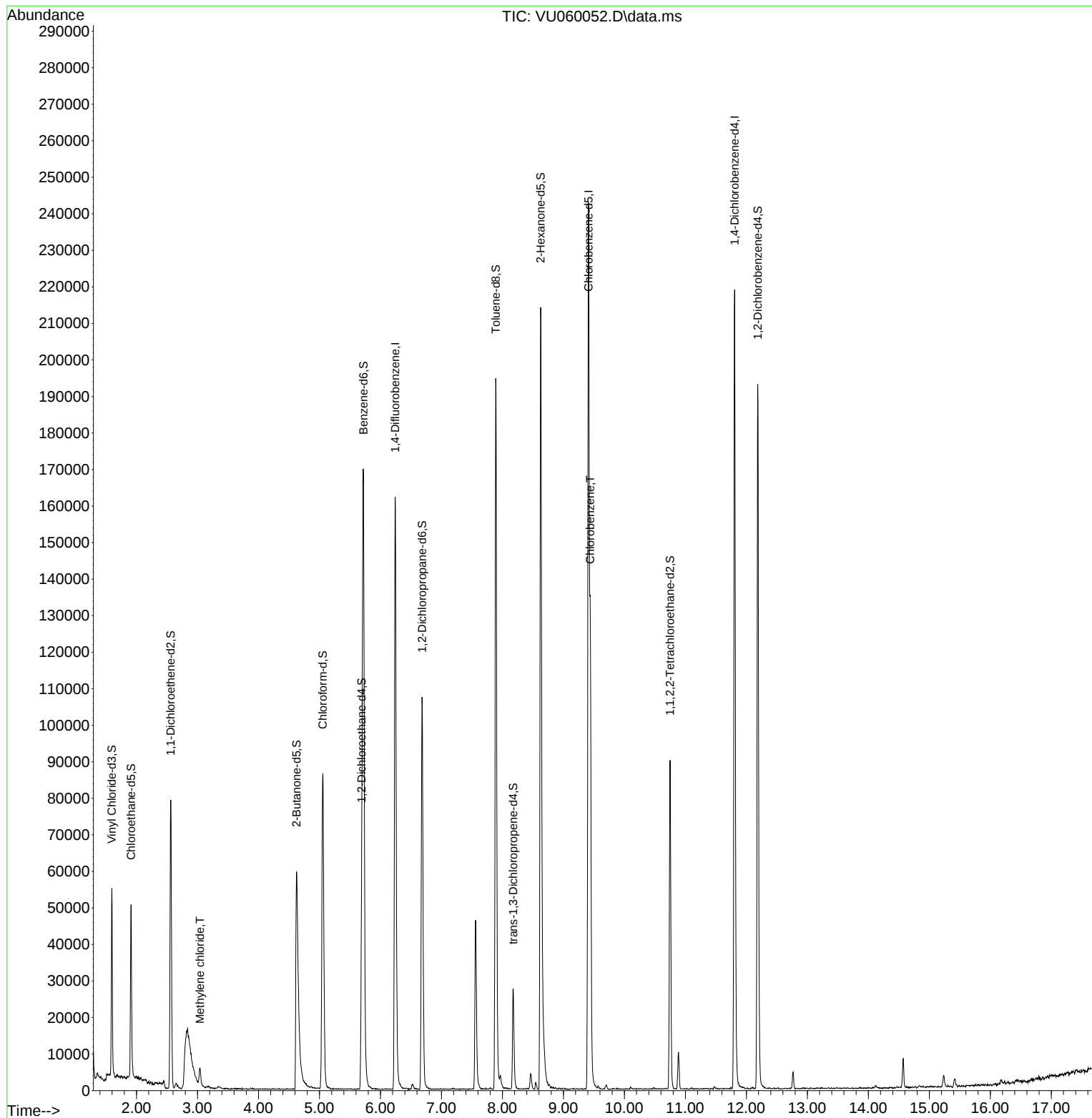
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 143882   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 147249   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 66177    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65    | 36598    | 3.656    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 73.200%  |
| 7) Chloroethane-d5            | 1.911  | 69    | 36136    | 3.886    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 77.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 14583    | 3.731    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 74.600%  |
| 20) 2-Butanone-d5             | 4.624  | 46    | 105075   | 44.895   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 89.780%  |
| 24) Chloroform-d              | 5.055  | 84    | 85717    | 4.074    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 81.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.692  | 65    | 41725    | 4.259    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 85.200%  |
| 32) Benzene-d6                | 5.721  | 84    | 169774   | 4.303    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 86.000%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 55165    | 4.388    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 87.800%  |
| 41) Toluene-d8                | 7.891  | 98    | 138868   | 3.896    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 78.000%  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 18173    | 4.247    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 85.000%  |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 81145    | 42.731   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 85.460%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84    | 48808    | 4.362    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 87.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 58802    | 4.923    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 98.400%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 16) Methylene chloride        | 3.039  | 84    | 2787     | 0.207    | ug/L   | 84       |
| 51) Chlorobenzene             | 9.441  | 112   | 71471    | 2.113    | ug/L   | 99       |
| -----                         |        |       |          |          |        |          |

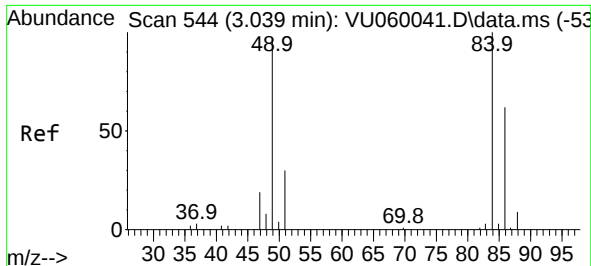
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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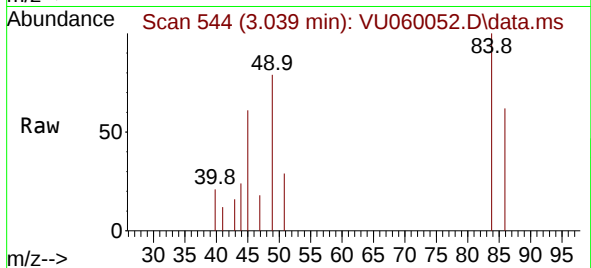
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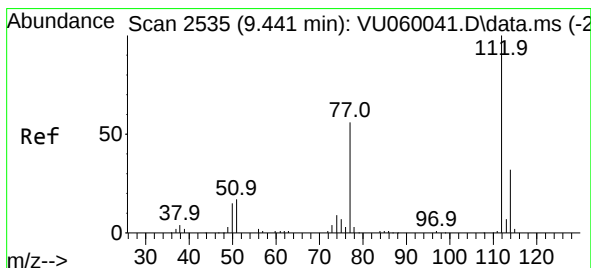
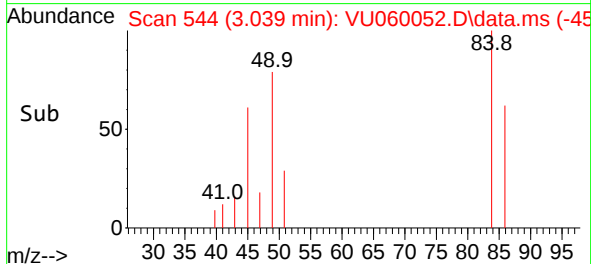
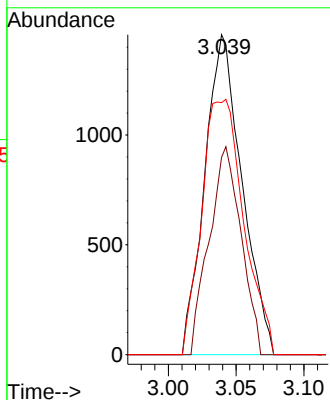
#16  
Methylene chloride  
Concen: 0.207 ug/L  
RT: 3.039 min Scan# 544  
Delta R.T. -0.000 min  
Lab File: VU060052.D  
Acq: 19 Jul 2024 11:26

Instrument :  
MSVOA\_U  
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Tgt Ion: 84 Resp: 2787

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 86  | 61.6  | 44.4  | 82.5  |
| 49  | 78.7  | 72.0  | 133.6 |



#51  
Chlorobenzene  
Concen: 2.113 ug/L  
RT: 9.441 min Scan# 2535  
Delta R.T. -0.000 min  
Lab File: VU060052.D  
Acq: 19 Jul 2024 11:26

Tgt Ion: 112 Resp: 71471

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 112 | 100   |       |       |
| 114 | 30.8  | 22.1  | 41.1  |
| 77  | 54.8  | 44.7  | 67.1  |

