

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU103124\  
 Data File : VU061334.D  
 Acq On : 01 Nov 2024 01:28  
 Operator : MD/SY  
 Sample : P4631-08  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GCP04

Quant Time: Nov 01 01:51:45 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR102324WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Nov 01 00:44:02 2024  
 Response via : Initial Calibration

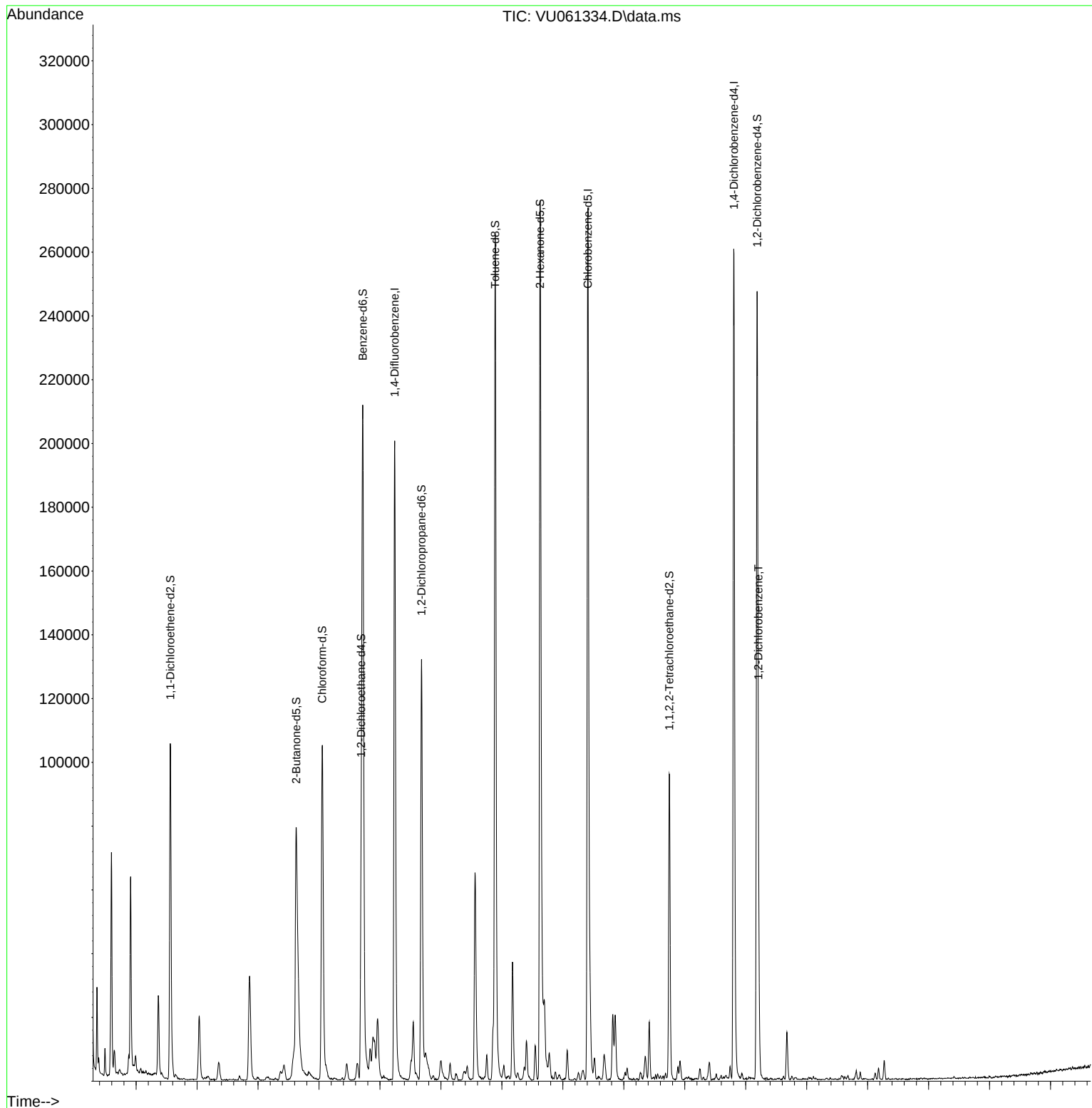
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 173231   | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.409  | 117   | 157962   | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 70683    | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65    | 43221    | 3.673    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 73.400%  |
| 7) Chloroethane-d5            | 1.911  | 69    | 44040    | 4.082    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 81.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 20293    | 4.031    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 80.600%  |
| 20) 2-Butanone-d5             | 4.628  | 46    | 120793   | 50.558   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 101.120% |
| 24) Chloroform-d              | 5.052  | 84    | 100434   | 4.496    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 90.000%  |
| 26) 1,2-Dichloroethane-d4     | 5.692  | 65    | 53853    | 4.837    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 96.800%  |
| 32) Benzene-d6                | 5.718  | 84    | 208400   | 4.682    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 93.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 64274    | 4.803    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 96.000%  |
| 41) Toluene-d8                | 7.891  | 98    | 188956   | 4.540    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 90.800%  |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79    | 22608    | 4.139    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 82.800%  |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 105263   | 47.051   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 94.100%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.746 | 84    | 48504    | 4.793    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 95.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 61322    | 4.899    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 98.000%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       |          |
| 19) 1,1-Dichloroethane        | 3.862  | 63    | 38373    | 1.797    | ug/L  | 99       |
| 22) cis-1,2-Dichloroethene    | 4.656  | 96    | 6318     | 0.488    | ug/L  | 92       |
| 51) Chlorobenzene             | 9.441  | 112   | 13360    | 0.398    | ug/L  | 96       |
| 67) 1,2-Dichlorobenzene       | 12.206 | 146   | 26078    | 1.219    | ug/L  | 96       |
| -----                         |        |       |          |          |       |          |

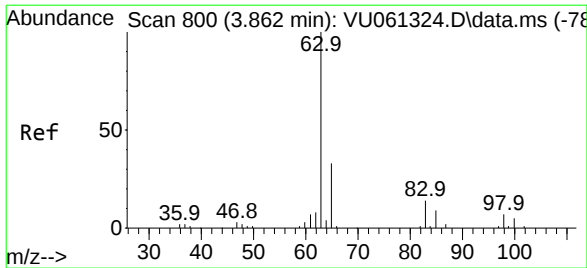
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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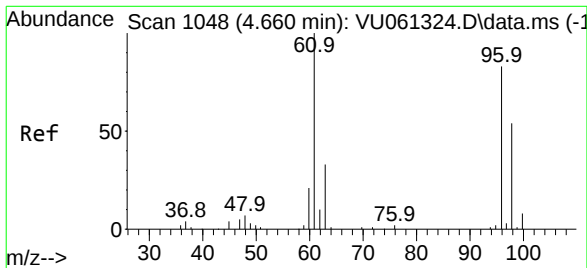
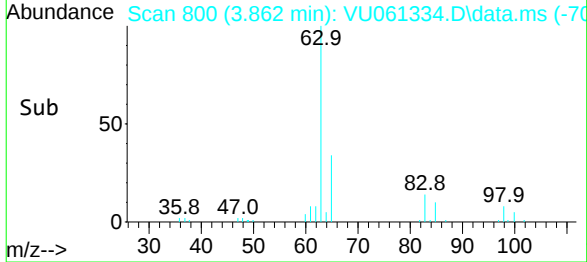
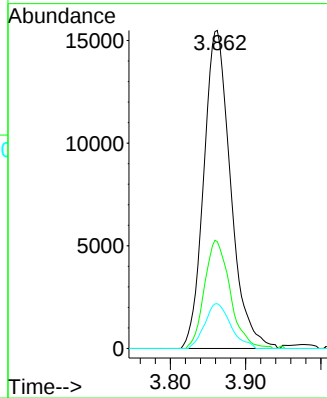
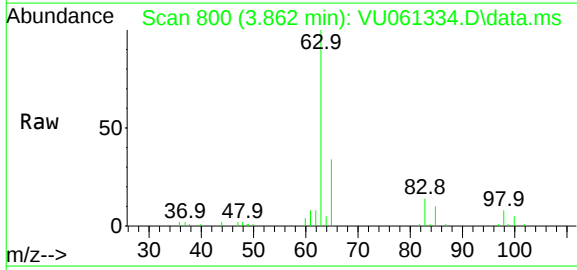




#19  
1,1-Dichloroethane  
Concen: 1.797 ug/L  
RT: 3.862 min Scan# 800  
Delta R.T. -0.000 min  
Lab File: VU061334.D  
Acq: 01 Nov 2024 01:28

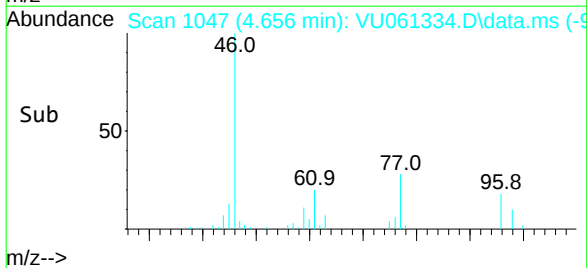
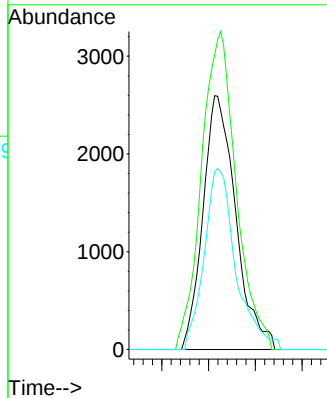
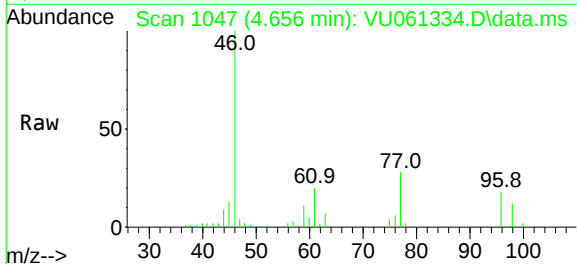
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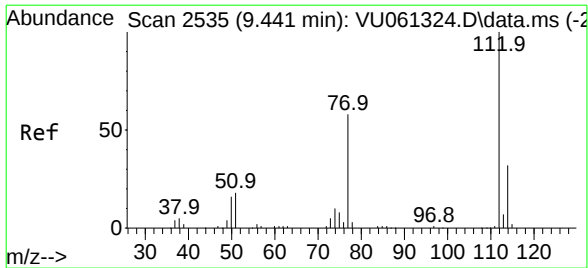
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 63    | Resp: | 38373 |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 65       | 33.6  | 23.0  | 42.6  |
| 83       | 14.1  | 9.7   | 17.9  |



#22  
cis-1,2-Dichloroethene  
Concen: 0.488 ug/L  
RT: 4.656 min Scan# 1047  
Delta R.T. -0.003 min  
Lab File: VU061334.D  
Acq: 01 Nov 2024 01:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 6318  |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 116.0 | 88.1  | 163.5 |
| 98       | 70.0  | 45.0  | 83.6  |

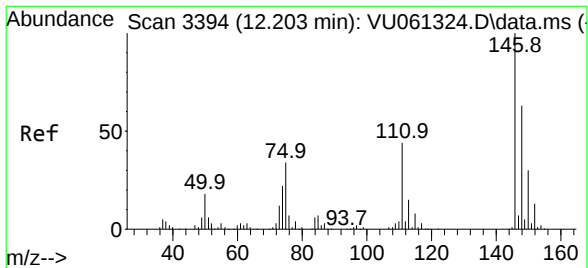
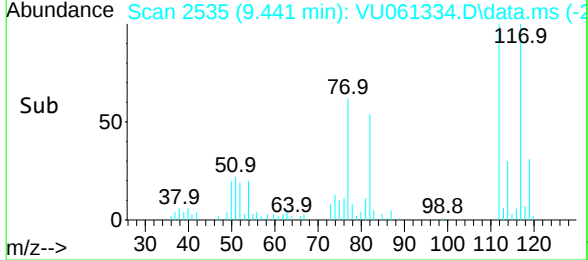
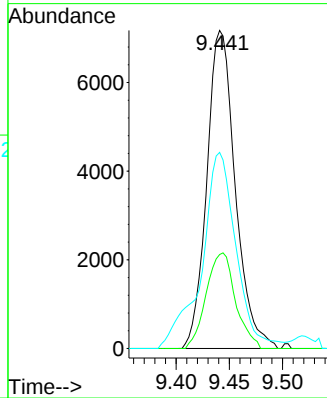
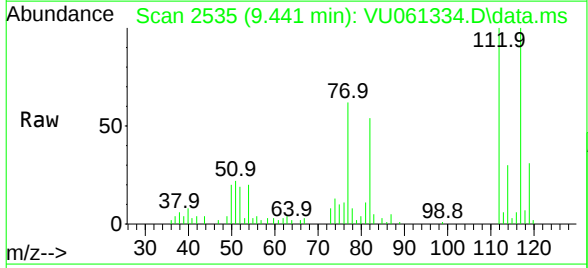




#51  
Chlorobenzene  
Concen: 0.398 ug/L  
RT: 9.441 min Scan# 25  
Delta R.T. -0.000 min  
Lab File: VU061334.D  
Acq: 01 Nov 2024 01:28

Instrument :  
MSVOA\_U  
ClientSampleId :  
GCP04

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 112   | Resp: | 13360 |
| Ion Ratio | Lower | Upper |       |
| 112       | 100   |       |       |
| 114       | 29.5  | 22.9  | 42.5  |
| 77        | 61.7  | 47.1  | 70.7  |



#67  
1,2-Dichlorobenzene  
Concen: 1.219 ug/L  
RT: 12.206 min Scan# 3395  
Delta R.T. 0.003 min  
Lab File: VU061334.D  
Acq: 01 Nov 2024 01:28

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 26078 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 111       | 42.5  | 35.2  | 52.8  |
| 148       | 67.7  | 51.3  | 76.9  |

