

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW052824\  
 Data File : VW028848.D  
 Acq On : 28 May 2024 22:42  
 Operator : SY/MD  
 Sample : P2591-11  
 Misc : 5.30g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: May 29 05:48:46 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050224SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed May 29 02:08:39 2024  
 Response via : Initial Calibration

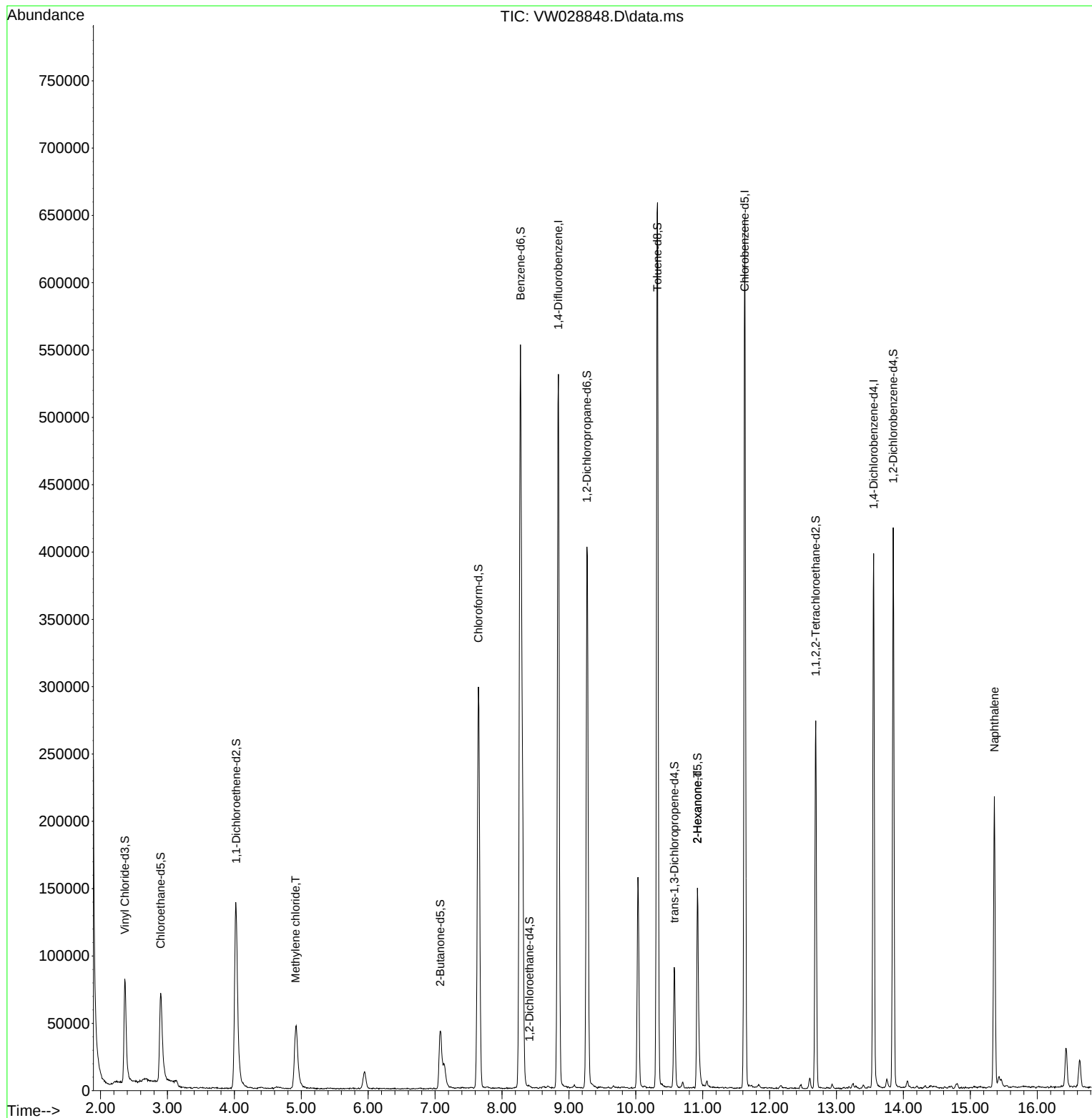
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 431420   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 337942   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 98239    | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 115484   | 14.096   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 56.400%  |
| 7) Chloroethane-d5            | 2.899  | 69    | 109220   | 17.411   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 69.640%  |
| 11) 1,1-Dichloroethene-d2     | 4.027  | 65    | 54001    | 15.777   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 63.120%  |
| 21) 2-Butanone-d5             | 7.075  | 46    | 75167    | 35.168   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 70.340%  |
| 24) Chloroform-d              | 7.648  | 84    | 301081   | 22.335   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 89.320%  |
| 26) 1,2-Dichloroethane-d4     | 8.410  | 65    | 175      | 0.023    | ug/L   | 0.10     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 0.080%#  |
| 32) Benzene-d6                | 8.276  | 84    | 544873   | 24.166   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 96.680%  |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 185590   | 27.354   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 109.400% |
| 41) Toluene-d8                | 10.325 | 98    | 432816   | 21.676   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 86.720%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 48312    | 17.701   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 70.800%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 45723    | 39.073   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 78.140%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 133444   | 23.456   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 93.840%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 100771   | 26.913   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 107.640% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 16) Methylene chloride        | 4.917  | 84    | 40466    | 6.065    | ug/L   | 86       |
| 48) 2-Hexanone                | 10.922 | 43    | 6219     | 2.267    | ug/L # | 75       |
| 71) Naphthalene               | 15.360 | 128   | 170607   | 23.820   | ug/L   | 99       |
| -----                         |        |       |          |          |        |          |

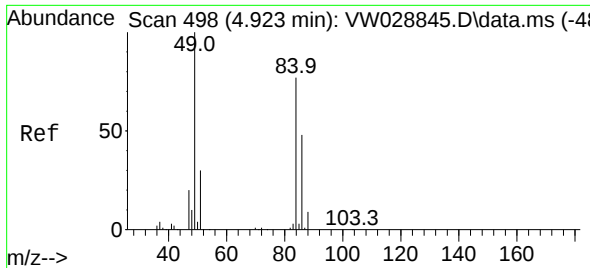
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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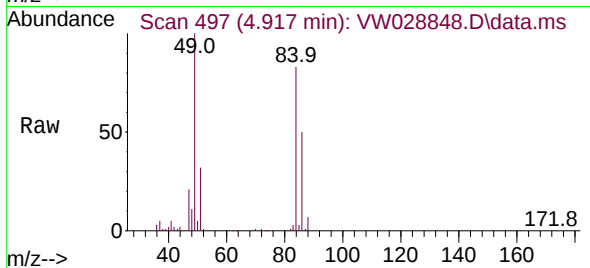
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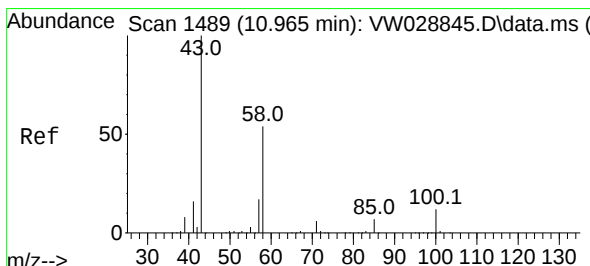
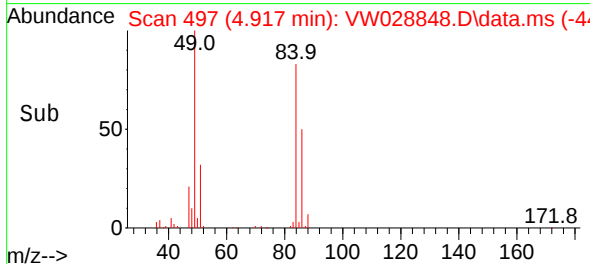
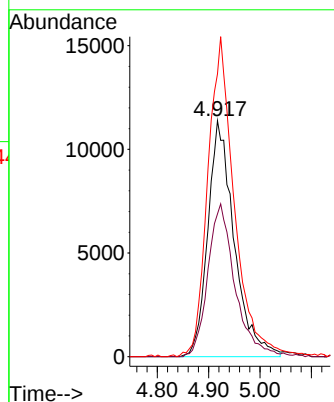
#16  
Methylene chloride  
Concen: 6.065 ug/L  
RT: 4.917 min Scan# 497  
Delta R.T. -0.006 min  
Lab File: VW028848.D  
Acq: 28 May 2024 22:42

Instrument :  
MSVOA\_W  
ClientSampleId :



Tgt Ion: 84 Resp: 40466

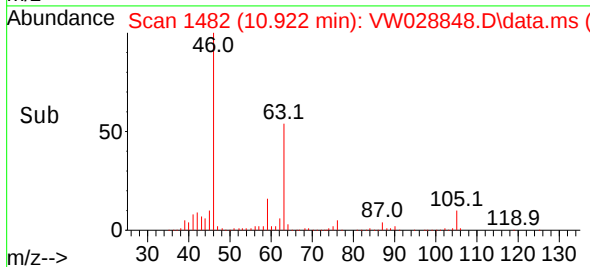
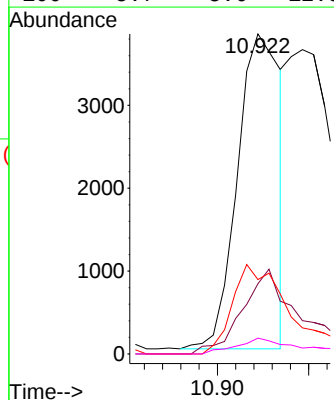
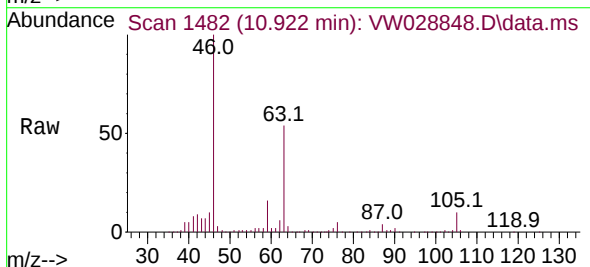
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 86  | 60.5  | 44.4  | 82.4  |
| 49  | 119.8 | 100.2 | 186.2 |

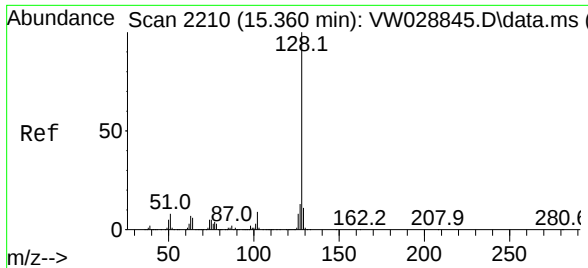


#48  
2-Hexanone  
Concen: 2.267 ug/L  
RT: 10.922 min Scan# 1482  
Delta R.T. -0.043 min  
Lab File: VW028848.D  
Acq: 28 May 2024 22:42

Tgt Ion: 43 Resp: 6219

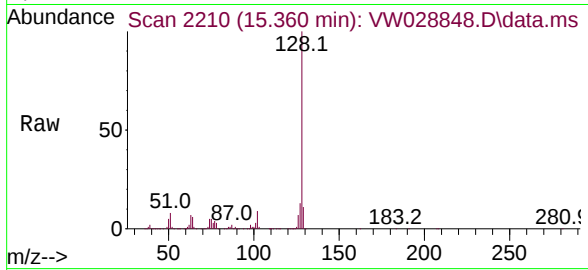
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 37.5  | 41.0  | 61.4# |
| 57  | 39.2  | 14.8  | 22.2# |
| 100 | 5.7   | 8.6   | 12.8# |





#71  
Naphthalene  
Concen: 23.820 ug/L  
RT: 15.360 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VW028848.D  
Acq: 28 May 2024 22:42

Instrument :  
MSVOA\_W  
ClientSampleId :



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 170607 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 127      | 13.6  | 10.6  | 15.8   |
| 129      | 11.3  | 8.5   | 12.7   |

