

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW121621\  
 Data File : VW021415.D  
 Acq On : 16 Dec 2021 15:18  
 Operator : SY/VA  
 Sample : M5101-06  
 Misc : 6.09g/10.0mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BGL27

Quant Time: Dec 17 01:01:08 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM120921SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Dec 17 00:58:26 2021  
 Response via : Initial Calibration

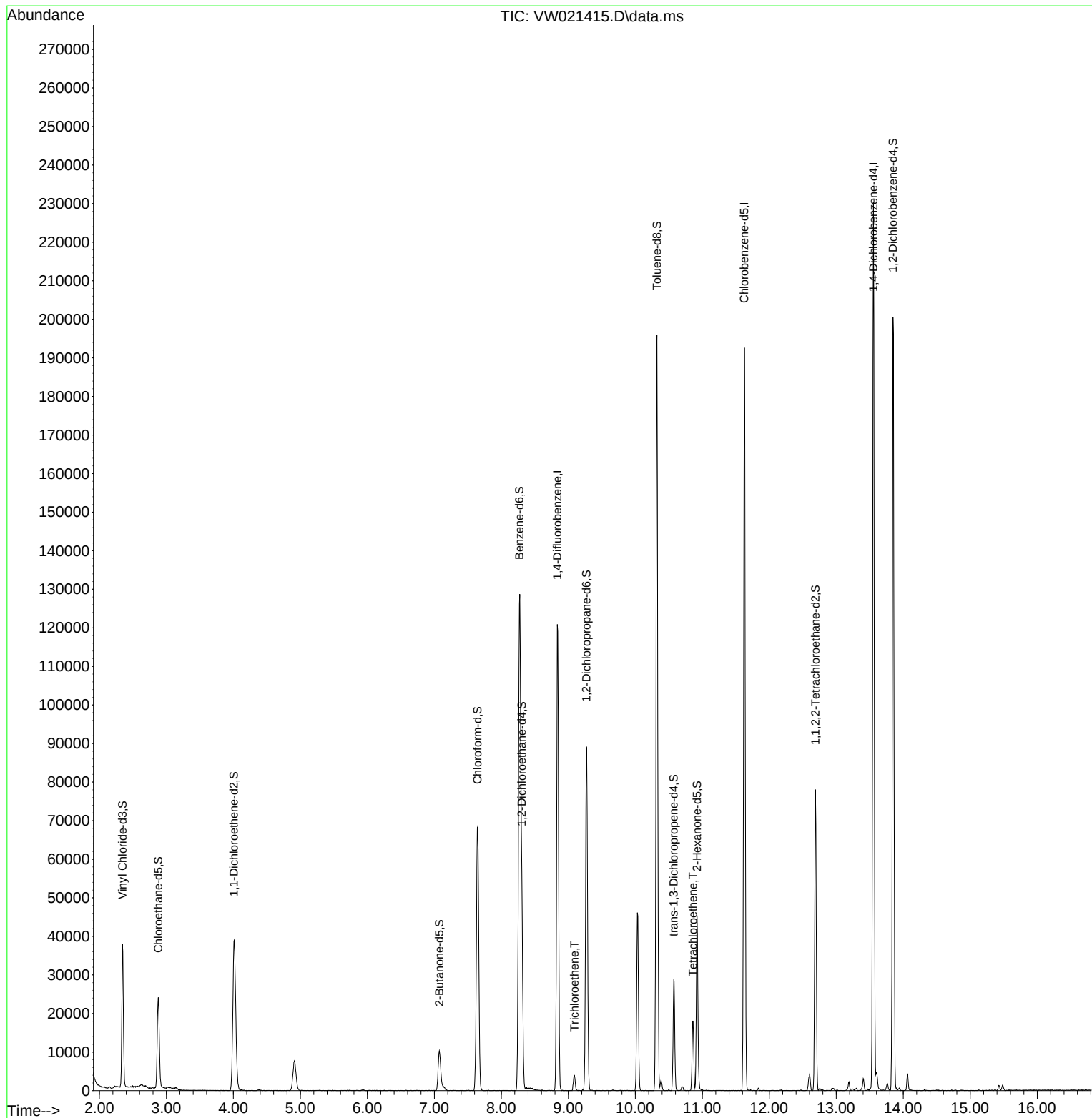
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.836  | 114   | 104545   | 25.000   | ug/L   | # 0.00   |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 107921   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 60095    | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.343  | 65    | 36099    | 18.959   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 75.840%  |
| 7) Chloroethane-d5            | 2.879  | 69    | 29104    | 23.122   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 92.480%  |
| 11) 1,1-Dichloroethene-d2     | 4.007  | 63    | 36993    | 14.573   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 58.280%  |
| 21) 2-Butanone-d5             | 7.074  | 46    | 17595    | 65.557   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 131.120% |
| 24) Chloroform-d              | 7.641  | 84    | 70266    | 24.118   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 96.480%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 39253    | 25.329   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 101.320% |
| 32) Benzene-d6                | 8.269  | 84    | 132473   | 22.394   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 89.560%  |
| 36) 1,2-Dichloropropane-d6    | 9.268  | 67    | 38565    | 24.309   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 97.240%  |
| 41) Toluene-d8                | 10.323 | 98    | 130138   | 21.531   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 86.120%  |
| 43) trans-1,3-Dichloroprop... | 10.573 | 79    | 15299    | 20.944   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 83.760%  |
| 47) 2-Hexanone-d5             | 10.921 | 63    | 14770    | 62.959   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 125.920% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689 | 84    | 35096    | 25.734   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 102.920% |
| 66) 1,2-Dichlorobenzene-d4    | 13.847 | 152   | 55347    | 23.764   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 95.040%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 34) Trichloroethene           | 9.092  | 95    | 1257     | 0.762    | ug/L   | 92       |
| 46) Tetrachloroethene         | 10.860 | 164   | 4224     | 2.694    | ug/L   | 95       |
| -----                         |        |       |          |          |        |          |

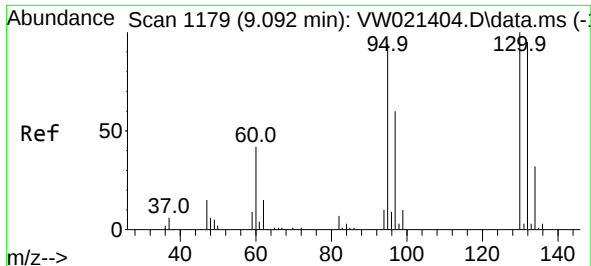
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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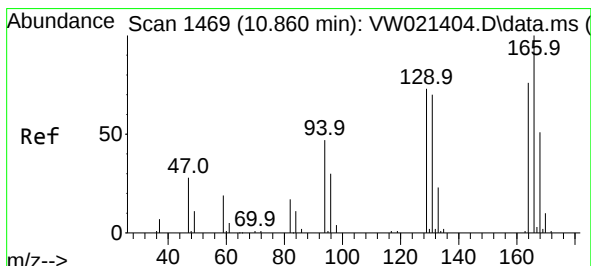
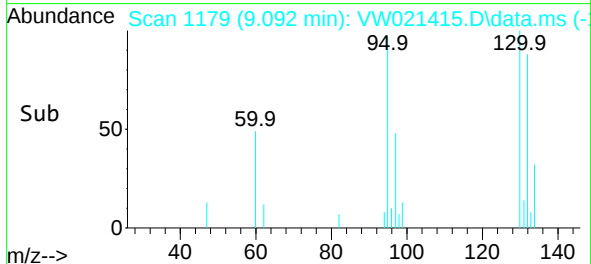
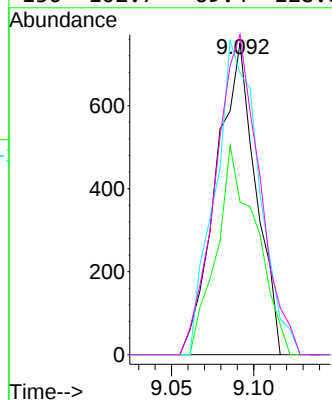
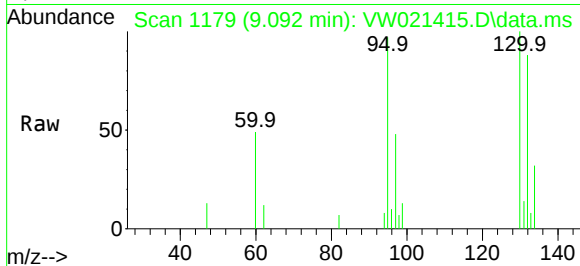


#34  
Trichloroethene  
Concen: 0.762 ug/L  
RT: 9.092 min Scan# 1179  
Delta R.T. 0.000 min  
Lab File: VW021415.D  
Acq: 16 Dec 2021 15:18

Instrument :  
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Tgt Ion: 95 Resp: 1257

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 49.0  | 47.0  | 87.2  |
| 132 | 90.3  | 65.5  | 121.6 |
| 130 | 102.7 | 69.4  | 128.8 |



#46  
Tetrachloroethene  
Concen: 2.694 ug/L  
RT: 10.860 min Scan# 1469  
Delta R.T. 0.000 min  
Lab File: VW021415.D  
Acq: 16 Dec 2021 15:18

Tgt Ion: 164 Resp: 4224

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 91.5  | 65.5  | 121.7 |
| 131 | 84.0  | 59.7  | 110.9 |
| 166 | 137.8 | 88.7  | 164.7 |

