

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW072721\  
 Data File : VW019622.D  
 Acq On : 27 Jul 2021 14:48  
 Operator : SY/VA  
 Sample : M3162-21  
 Misc : 5.02g/10.0mL/MSVOA\_W/SOIL  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VHBLK001

Quant Time: Jul 28 00:50:59 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM070921SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jul 28 00:48:17 2021  
 Response via : Initial Calibration

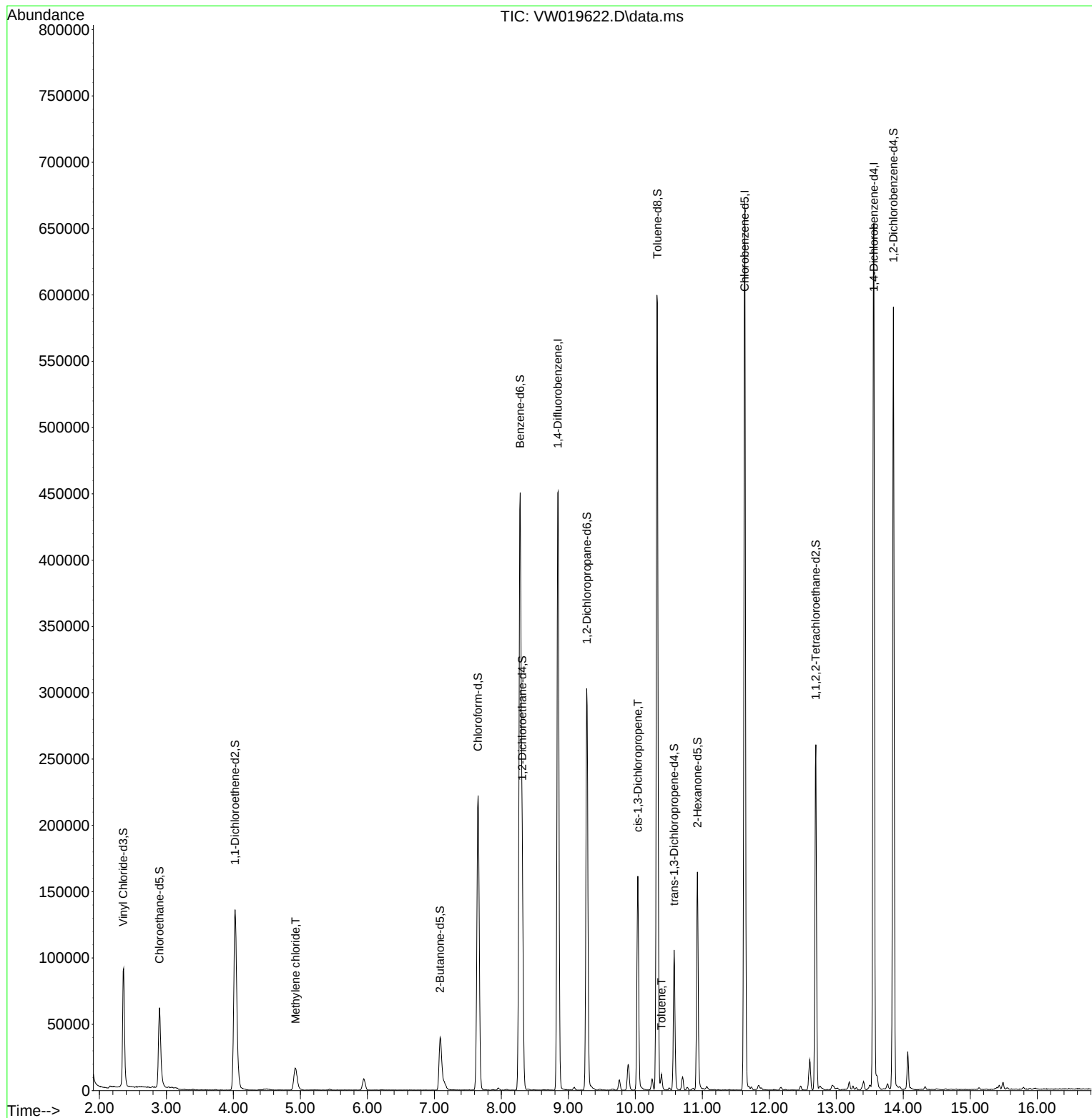
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 384379   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 369624   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 179371   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.355  | 65    | 107288   | 19.700   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 78.800%  |
| 7) Chloroethane-d5            | 2.898  | 69    | 81916    | 21.092   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 84.360%  |
| 11) 1,1-Dichloroethene-d2     | 4.025  | 63    | 156514   | 14.894   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 59.560%  |
| 21) 2-Butanone-d5             | 7.086  | 46    | 71071    | 44.961   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 89.920%  |
| 24) Chloroform-d              | 7.653  | 84    | 235078   | 22.134   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 88.520%  |
| 26) 1,2-Dichloroethane-d4     | 8.311  | 65    | 133520   | 22.909   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 91.640%  |
| 32) Benzene-d6                | 8.281  | 84    | 460166   | 20.914   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 83.640%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 147185   | 21.463   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 85.840%  |
| 41) Toluene-d8                | 10.329 | 98    | 408029   | 20.569   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 82.280%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 60341    | 20.546   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 82.200%  |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 55410    | 43.552   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 87.100%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695 | 84    | 130530   | 23.556   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 94.240%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 146177   | 23.098   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 92.400%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 16) Methylene chloride        | 4.928  | 84    | 14972    | 1.954    | ug/L   | 97       |
| 39) cis-1,3-Dichloropropene   | 10.037 | 75    | 3958     | 0.441    | ug/L # | 65       |
| 42) Toluene                   | 10.390 | 91    | 7865     | 0.326    | ug/L   | 83       |
| -----                         |        |       |          |          |        |          |

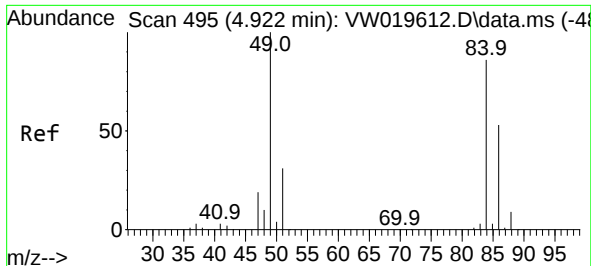
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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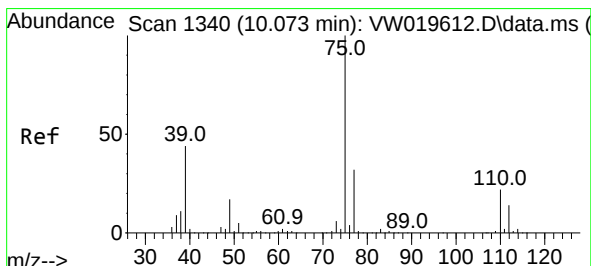
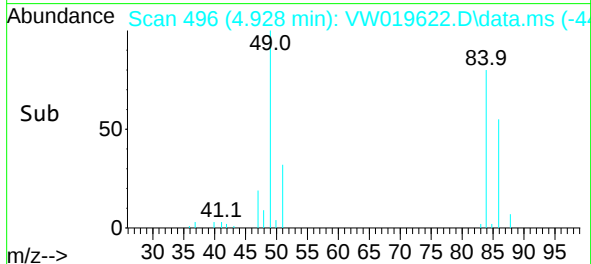
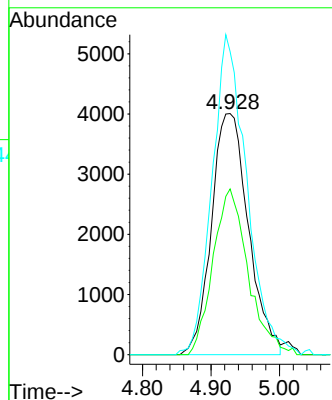
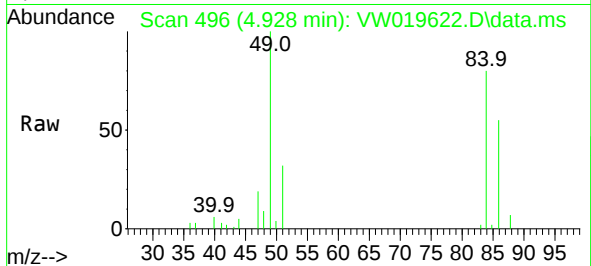




#16  
Methylene chloride  
Concen: 1.954 ug/L  
RT: 4.928 min Scan# 496  
Delta R.T. 0.006 min  
Lab File: VW019622.D  
Acq: 27 Jul 2021 14:48

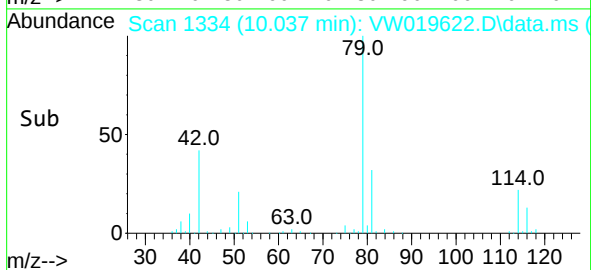
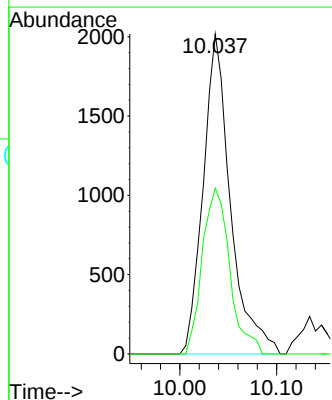
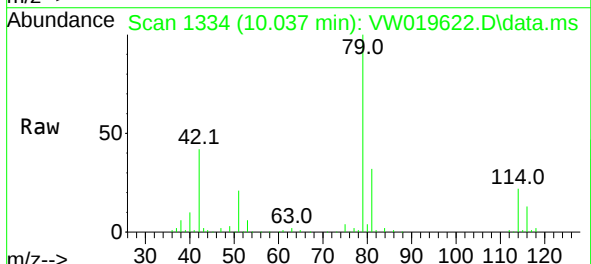
Instrument :  
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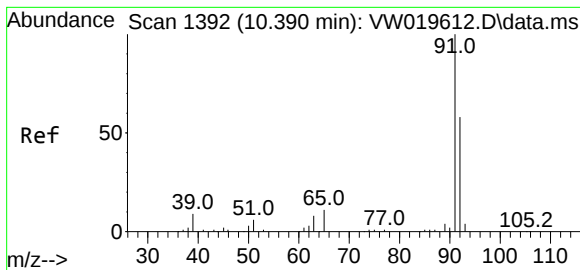
Tgt Ion: 84 Resp: 14972  
Ion Ratio Lower Upper  
84 100  
86 68.8 45.3 84.1  
49 125.7 86.6 160.8



#39  
cis-1,3-Dichloropropene  
Concen: 0.441 ug/L  
RT: 10.037 min Scan# 1334  
Delta R.T. -0.037 min  
Lab File: VW019622.D  
Acq: 27 Jul 2021 14:48

Tgt Ion: 75 Resp: 3958  
Ion Ratio Lower Upper  
75 100  
77 51.8 22.6 42.0#





#42

Toluene

Concen: 0.326 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VW019622.D

Acq: 27 Jul 2021 14:48

Tgt Ion: 91 Resp: 7865

Ion Ratio Lower Upper

91 100

92 69.0 39.5 73.3

Instrument :

MSVOA\_W

ClientSampleId :

VHBLK001

