

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW070921\  
 Data File : VW019396.D  
 Acq On : 09 Jul 2021 14:43  
 Operator : SY/VA  
 Sample : VW0709SBL01  
 Misc : 5.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Jul 10 01:01:36 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM070921SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Jul 10 00:58:28 2021  
 Response via : Initial Calibration

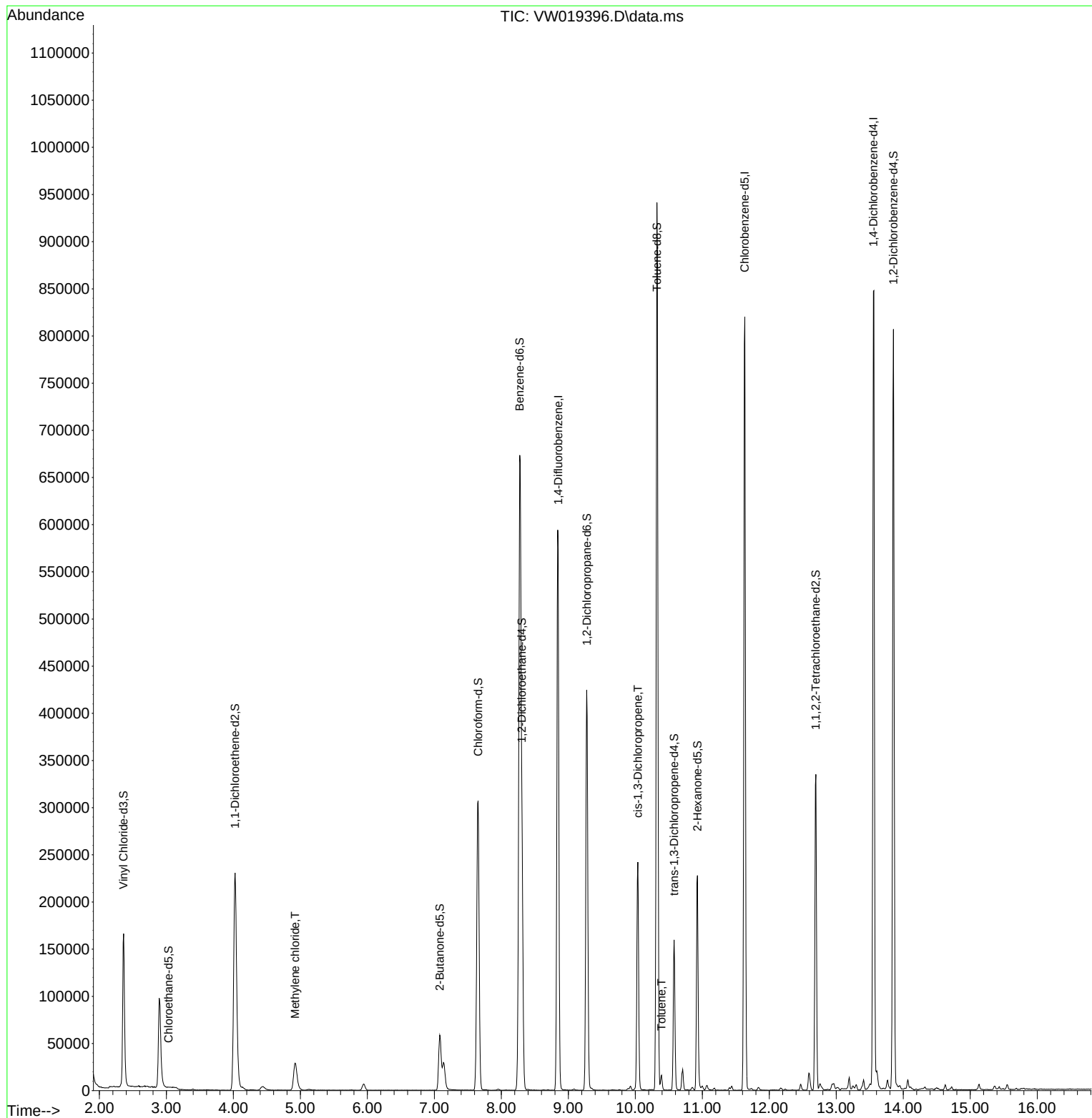
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.848  | 114   | 499252   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 463655   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 228836   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.361  | 65    | 193131   | 27.302   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 109.200% |
| 7) Chloroethane-d5            | 3.032  | 69    | 170      | 0.034    | ug/L   | 0.14     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 0.120%#  |
| 11) 1,1-Dichloroethene-d2     | 4.025  | 63    | 263631   | 19.315   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 77.280%  |
| 21) 2-Butanone-d5             | 7.080  | 46    | 102104   | 49.731   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 99.460%  |
| 24) Chloroform-d              | 7.653  | 84    | 326463   | 23.666   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 94.680%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 185520   | 24.507   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 98.040%  |
| 32) Benzene-d6                | 8.275  | 84    | 700426   | 25.378   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 101.520% |
| 36) 1,2-Dichloropropane-d6    | 9.275  | 67    | 212209   | 24.669   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 98.680%  |
| 41) Toluene-d8                | 10.323 | 98    | 619784   | 24.907   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 99.640%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 91591    | 24.862   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 99.440%  |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 82051    | 51.412   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 102.820% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695 | 84    | 174839   | 25.153   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 100.600% |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 212974   | 26.378   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 105.520% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 16) Methylene chloride        | 4.922  | 84    | 26257    | 2.638    | ug/L   | 100      |
| 39) cis-1,3-Dichloropropene   | 10.037 | 75    | 6213     | 0.552    | ug/L # | 73       |
| 42) Toluene                   | 10.390 | 91    | 10990    | 0.363    | ug/L   | 94       |
| -----                         |        |       |          |          |        |          |

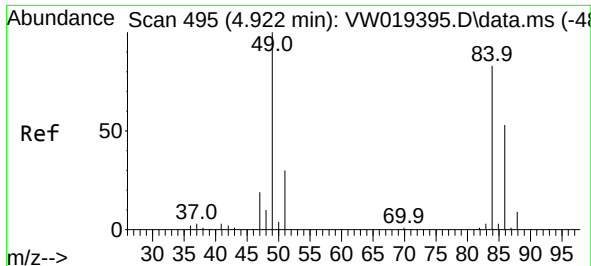
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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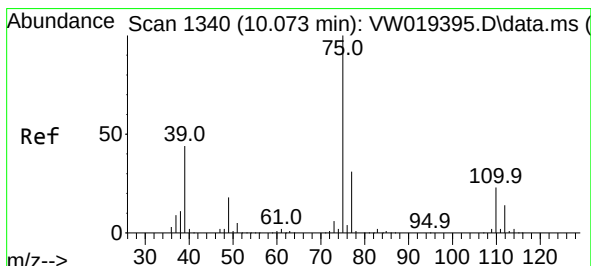
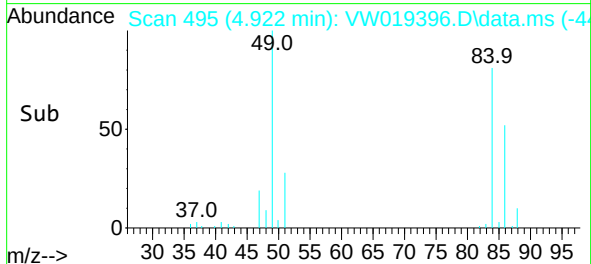
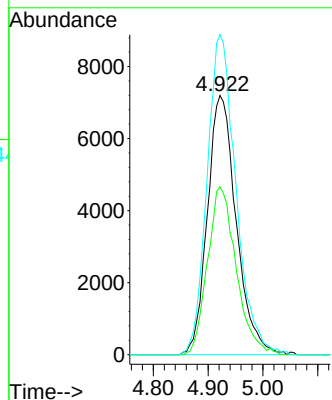
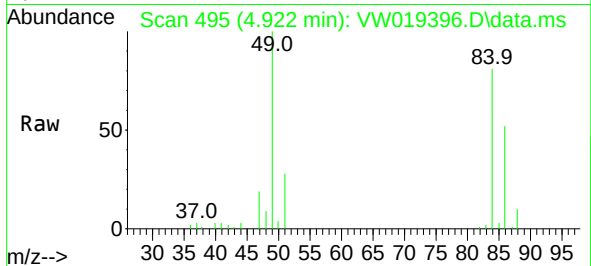




#16  
Methylene chloride  
Concen: 2.638 ug/L  
RT: 4.922 min Scan# 495  
Delta R.T. 0.000 min  
Lab File: VW019396.D  
Acq: 09 Jul 2021 14:43

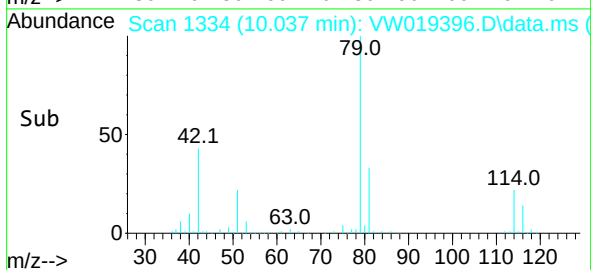
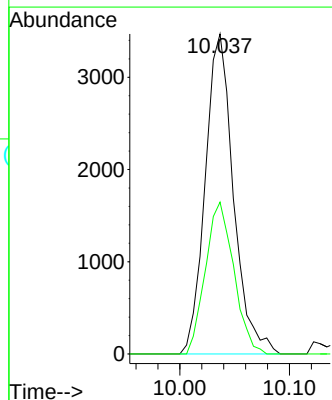
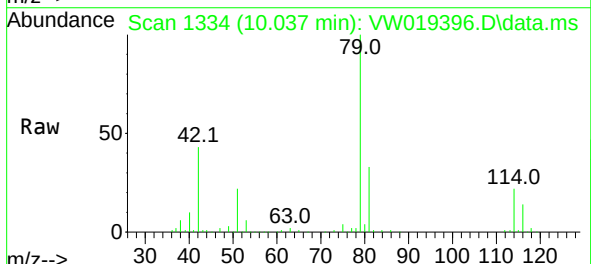
Instrument :  
MSVOA\_W  
ClientSampled :

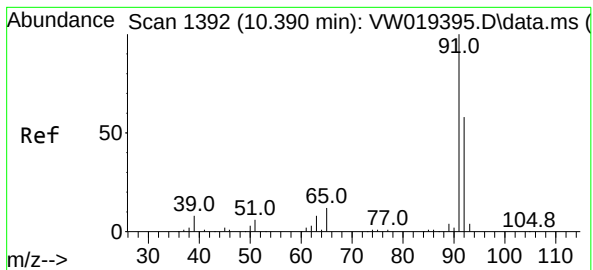
Tgt Ion: 84 Resp: 26257  
Ion Ratio Lower Upper  
84 100  
86 64.7 45.3 84.1  
49 123.4 86.6 160.8



#39  
cis-1,3-Dichloropropene  
Concen: 0.552 ug/L  
RT: 10.037 min Scan# 1334  
Delta R.T. -0.036 min  
Lab File: VW019396.D  
Acq: 09 Jul 2021 14:43

Tgt Ion: 75 Resp: 6213  
Ion Ratio Lower Upper  
75 100  
77 47.5 22.6 42.0#





#42  
Toluene  
Concen: 0.363 ug/L  
RT: 10.390 min Scan# 1392  
Delta R.T. 0.000 min  
Lab File: VW019396.D  
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Instrument :  
MSVOA\_W  
ClientSampled :

Tgt Ion: 91 Resp: 10990  
Ion Ratio Lower Upper  
91 100  
92 60.5 39.5 73.3

