

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW081621\  
 Data File : VW019744.D  
 Acq On : 16 Aug 2021 10:57  
 Operator : SY/VA  
 Sample : M3365-13  
 Misc : 5.40g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DBKB8

Manual Integrations  
 APPROVED

SAM  
 8/17/2021 1:02:46 PM

Quant Time: Aug 17 01:52:29 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081121SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue Aug 17 01:50:39 2021  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.848          | 114  | 303939     | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.634         | 117  | 277537     | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560         | 152  | 113685     | 25.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 2.361          | 65   | 83335      | 23.480   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 93.920%  |       |          |
| 7) Chloroethane-d5            | 2.898          | 69   | 96588      | 27.533   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 110.120% |       |          |
| 11) 1,1-Dichloroethene-d2     | 4.019          | 63   | 110690     | 15.157   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 60.640%  |       |          |
| 21) 2-Butanone-d5             | 7.092          | 46   | 64041      | 55.250   | ug/L  | 0.01     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 110.500% |       |          |
| 24) Chloroform-d              | 7.653          | 84   | 205925     | 22.410   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 89.640%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 121163     | 22.651   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 90.600%  |       |          |
| 32) Benzene-d6                | 8.275          | 84   | 359222     | 19.549   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 78.200%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 9.275          | 67   | 122721     | 22.199   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 88.800%  |       |          |
| 41) Toluene-d8                | 10.323         | 98   | 293223     | 17.493   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 69.960%  |       |          |
| 43) trans-1,3-Dichloroprop... | 10.579         | 79   | 48794      | 21.377   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 85.520%  |       |          |
| 47) 2-Hexanone-d5             | 10.927         | 63   | 50592      | 52.167   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 104.340% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695         | 84   | 117121     | 24.416   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 97.680%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 109875     | 26.205   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 104.800% |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 16) Methylene chloride        | 4.916          | 84   | 15988m     | 3.148    | ug/L  |          |
| 42) Toluene                   | 10.390         | 91   | 18903      | 0.936    | ug/L  | 99       |
| -----                         |                |      |            |          |       |          |

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

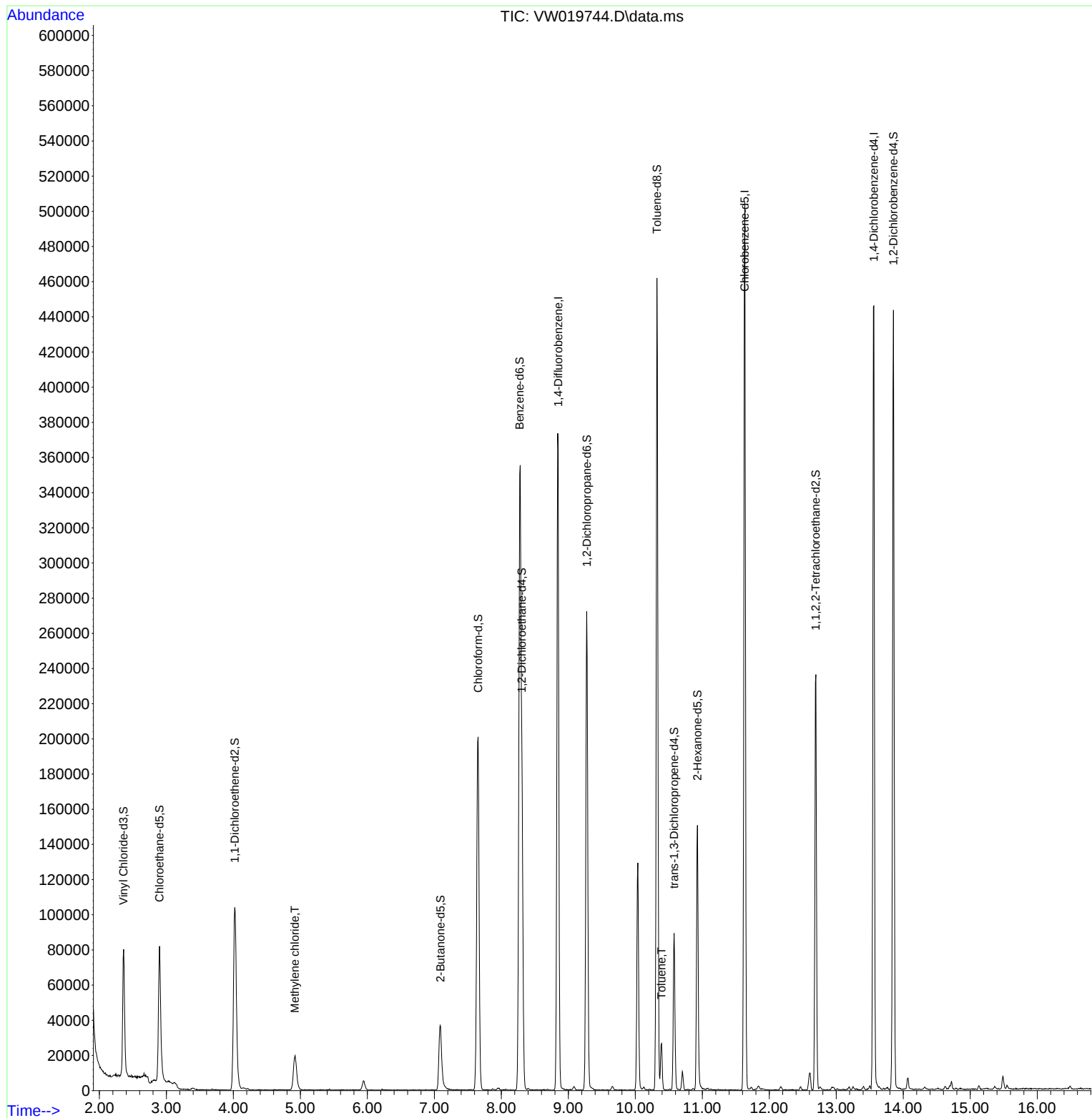
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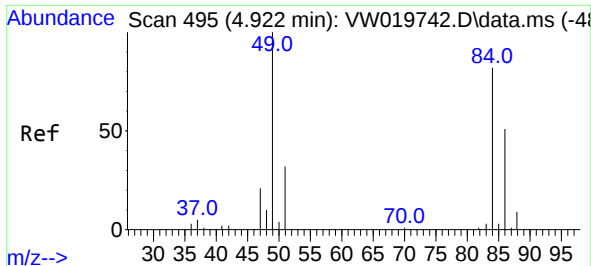
Instrument :  
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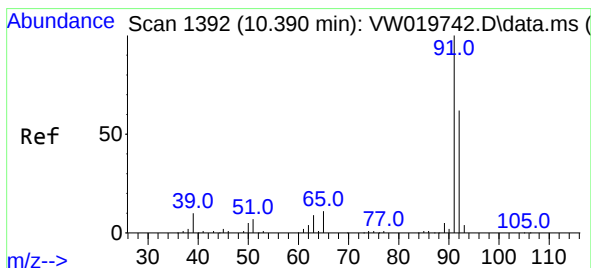
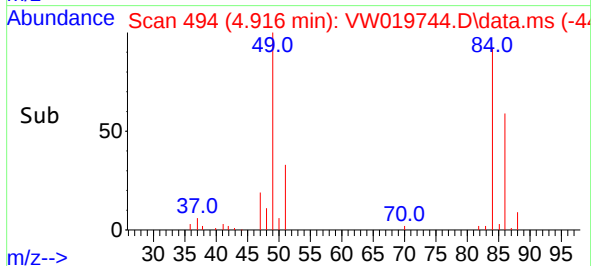
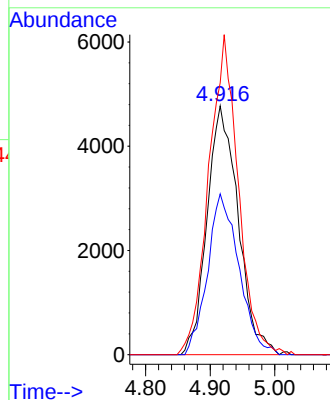
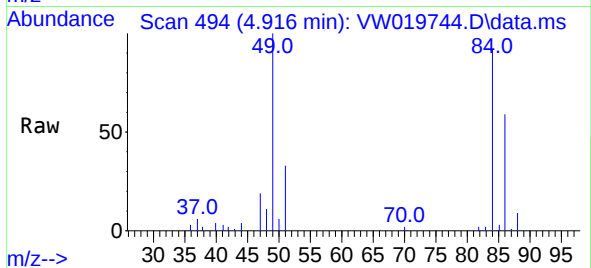
#16  
Methylene chloride  
Concen: 3.148 ug/L m  
RT: 4.916 min Scan# 494  
Delta R.T. -0.006 min  
Lab File: VW019744.D  
Acq: 16 Aug 2021 10:57

Instrument :  
MSVOA\_W  
ClientSampleId :  
DBKB8

Tgt Ion: 84 Resp: 15988  
Ion Ratio Lower Upper  
84 100  
86 64.6 45.3 84.1  
49 109.2 86.6 160.8

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#42  
Toluene  
Concen: 0.936 ug/L  
RT: 10.390 min Scan# 1392  
Delta R.T. 0.000 min  
Lab File: VW019744.D  
Acq: 16 Aug 2021 10:57

Tgt Ion: 91 Resp: 18903  
Ion Ratio Lower Upper  
91 100  
92 55.7 39.5 73.3

