

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW051021\  
 Data File : VW018967.D  
 Acq On : 10 May 2021 10:42  
 Operator : SY/VA  
 Sample : M2272-09  
 Misc : 5.03G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VHBLK001

Manual Integrations  
 APPROVED

MMDadoda  
 5/11/2021 1:05:11 PM

Quant Time: May 11 01:27:29 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM042921SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue May 11 01:26:53 2021  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc    | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|-------|----------|
| -----                         |                |      |            |         |       |          |
| Internal Standards            |                |      |            |         |       |          |
| 1) 1,4-Difluorobenzene        | 8.842          | 114  | 629484     | 25.00   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.634         | 117  | 584104     | 25.00   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560         | 152  | 279073     | 25.00   | ug/L  | 0.00     |
|                               |                |      |            |         |       |          |
| System Monitoring Compounds   |                |      |            |         |       |          |
| 4) Vinyl Chloride-d3          | 2.355          | 65   | 161298     | 19.97   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 79.88%  |       |          |
| 7) Chloroethane-d5            | 2.891          | 69   | 133916     | 21.40   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 85.60%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 4.019          | 63   | 282551     | 17.62   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 70.48%  |       |          |
| 21) 2-Butanone-d5             | 7.074          | 46   | 119752     | 56.94   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 113.88% |       |          |
| 24) Chloroform-d              | 7.647          | 84   | 433593     | 26.24   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 104.96% |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 256794     | 27.83   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 111.32% |       |          |
| 32) Benzene-d6                | 8.275          | 84   | 817397     | 24.77   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 99.08%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 9.274          | 67   | 251148     | 25.65   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 102.60% |       |          |
| 41) Toluene-d8                | 10.323         | 98   | 751909     | 24.43   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 97.72%  |       |          |
| 43) trans-1,3-Dichloroprop... | 10.579         | 79   | 108139     | 24.30   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 97.20%  |       |          |
| 47) 2-Hexanone-d5             | 10.927         | 63   | 92377      | 52.70   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 105.40% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.694         | 84   | 208102     | 25.08   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 100.32% |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 244474     | 25.57   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 102.28% |       |          |
|                               |                |      |            |         |       |          |
| Target Compounds              |                |      |            |         |       | Qvalue   |
| 16) Methylene chloride        | 4.915          | 84   | 25010m     | 2.40    | ug/L  |          |
| 42) Toluene                   | 10.390         | 91   | 12921      | 0.34    | ug/L  | 92       |
| -----                         |                |      |            |         |       |          |

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

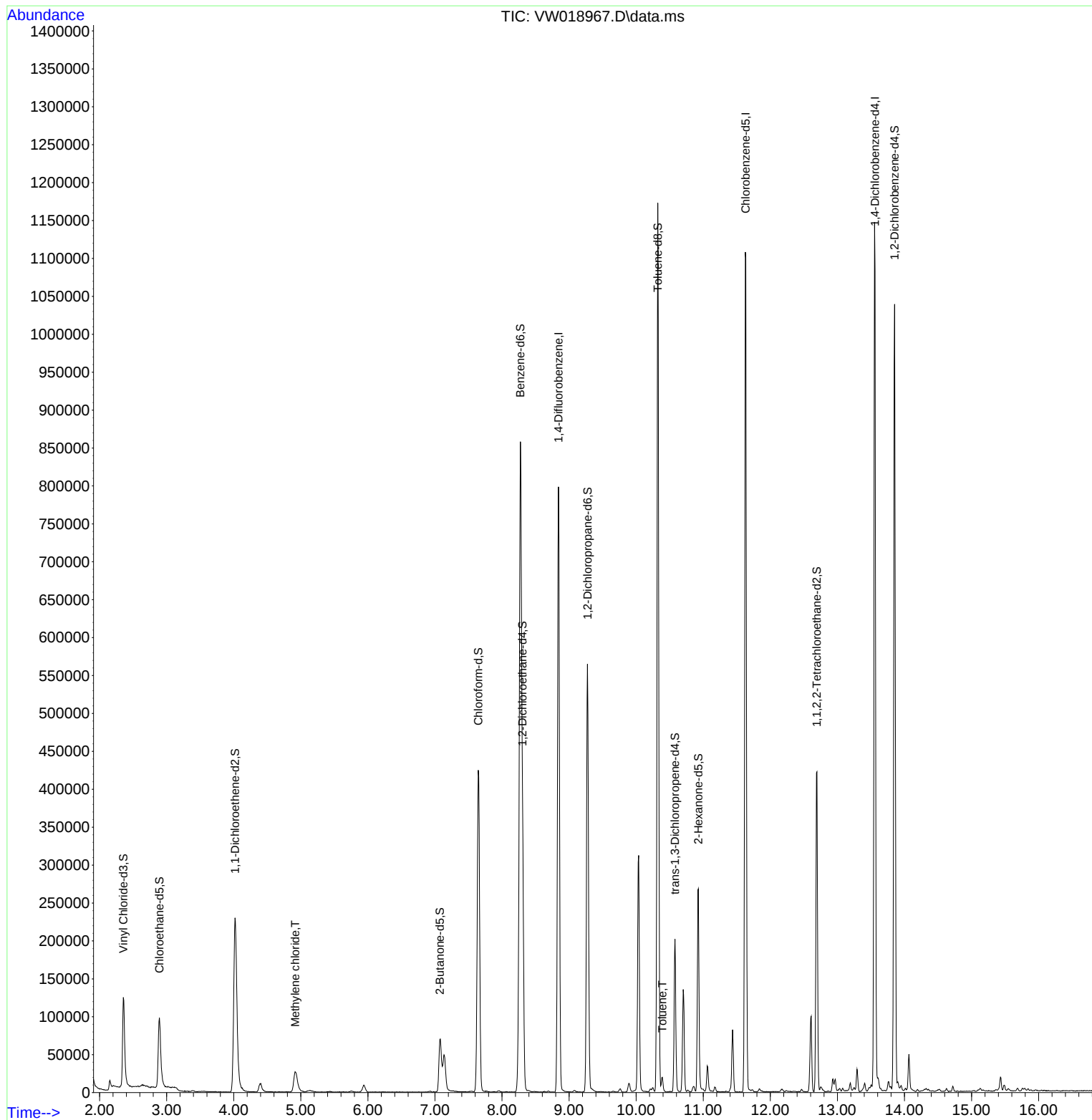
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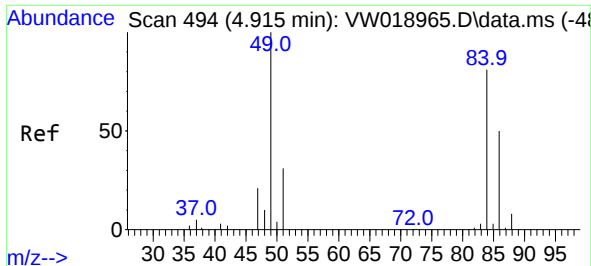
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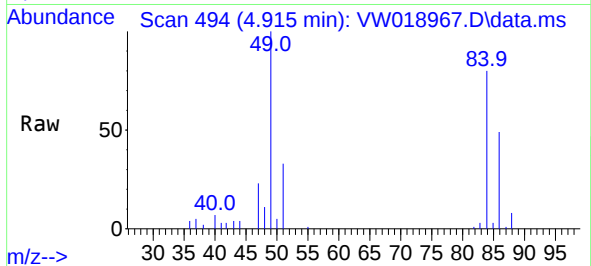
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Quant Title : SFAM01.0  
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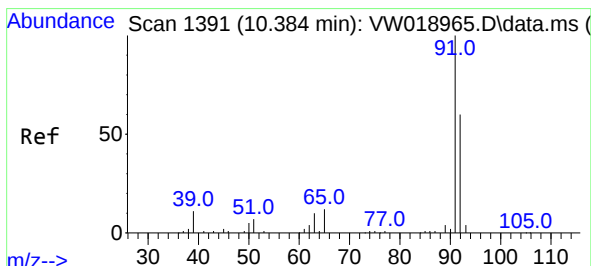
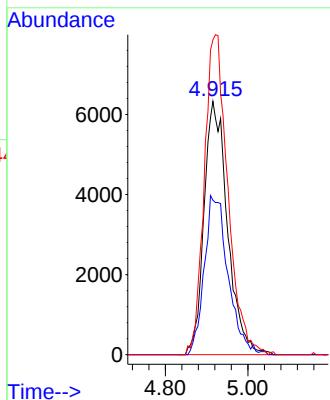
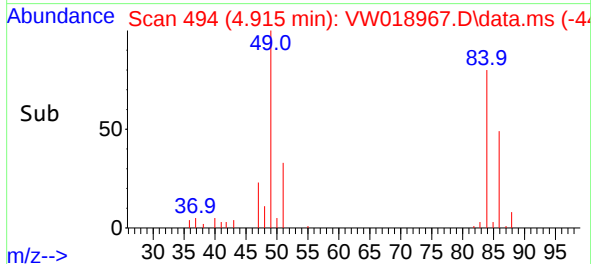


#16  
Methylene chloride  
Concen: 2.40 ug/L m  
RT: 4.915 min Scan# 494  
Delta R.T. 0.000 min  
Lab File: VW018967.D  
Acq: 10 May 2021 10:42

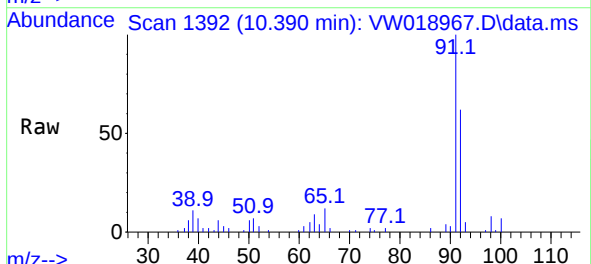
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MSVOA\_W  
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Tgt Ion: 84 Resp: 25010  
Ion Ratio Lower Upper  
84 100  
86 61.0 45.3 84.1  
49 124.3 86.6 160.8



#42  
Toluene  
Concen: 0.34 ug/L  
RT: 10.390 min Scan# 1392  
Delta R.T. 0.006 min  
Lab File: VW018967.D  
Acq: 10 May 2021 10:42



Tgt Ion: 91 Resp: 12921  
Ion Ratio Lower Upper  
91 100  
92 62.2 39.5 73.3

