

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW051221\  
 Data File : VW018980.D  
 Acq On : 12 May 2021 16:41  
 Operator : SY/VA  
 Sample : VW0512SBL01  
 Misc : 5.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VBLK119

Manual Integrations  
 APPROVED

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 5/13/2021 4:09:57 PM

Quant Time: May 13 02:59:39 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM051221SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed May 12 15:15:33 2021  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response            | Conc  | Units  | Dev(Min) |
|-------------------------------|----------------|------|---------------------|-------|--------|----------|
| -----                         |                |      |                     |       |        |          |
| Internal Standards            |                |      |                     |       |        |          |
| 1) 1,4-Difluorobenzene        | 8.841          | 114  | 567463              | 25.00 | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634         | 117  | 509402              | 25.00 | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560         | 152  | 250681              | 25.00 | ug/L   | 0.00     |
|                               |                |      |                     |       |        |          |
| System Monitoring Compounds   |                |      |                     |       |        |          |
| 4) Vinyl Chloride-d3          | 2.361          | 65   | 169910              | 25.59 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = 102.36%  |       |        |          |
| 7) Chloroethane-d5            | 2.891          | 69   | 138101m             | 25.59 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = 102.36%  |       |        |          |
| 11) 1,1-Dichloroethene-d2     | 4.019          | 63   | 240442m             | 18.67 | ug/L   | -0.01    |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = 74.68%   |       |        |          |
| 21) 2-Butanone-d5             | 7.080          | 46   | 104333              | 72.69 | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = 145.38%# |       |        |          |
| 24) Chloroform-d              | 7.647          | 84   | 346876              | 24.62 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = 98.48%   |       |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 198675              | 27.62 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = 110.48%  |       |        |          |
| 32) Benzene-d6                | 8.275          | 84   | 725008              | 26.59 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = 106.36%  |       |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.274          | 67   | 210102              | 26.36 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = 105.44%  |       |        |          |
| 41) Toluene-d8                | 10.323         | 98   | 668079              | 26.39 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = 105.56%  |       |        |          |
| 43) trans-1,3-Dichloroprop... | 10.579         | 79   | 92515               | 27.52 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = 110.08%  |       |        |          |
| 47) 2-Hexanone-d5             | 10.926         | 63   | 88518               | 75.92 | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = 151.84%# |       |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.694         | 84   | 186588              | 30.49 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = 121.96%# |       |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 224747              | 26.88 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = 107.52%  |       |        |          |
|                               |                |      |                     |       |        |          |
| Target Compounds              |                |      |                     |       | Qvalue |          |
| 13) Acetone                   | 4.129          | 43   | 3960                | 3.73  | ug/L   | 79       |
| 16) Methylene chloride        | 4.921          | 84   | 32848               | 3.58  | ug/L   | 91       |
| 42) Toluene                   | 10.390         | 91   | 11335               | 0.35  | ug/L   | 100      |
| -----                         |                |      |                     |       |        |          |

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

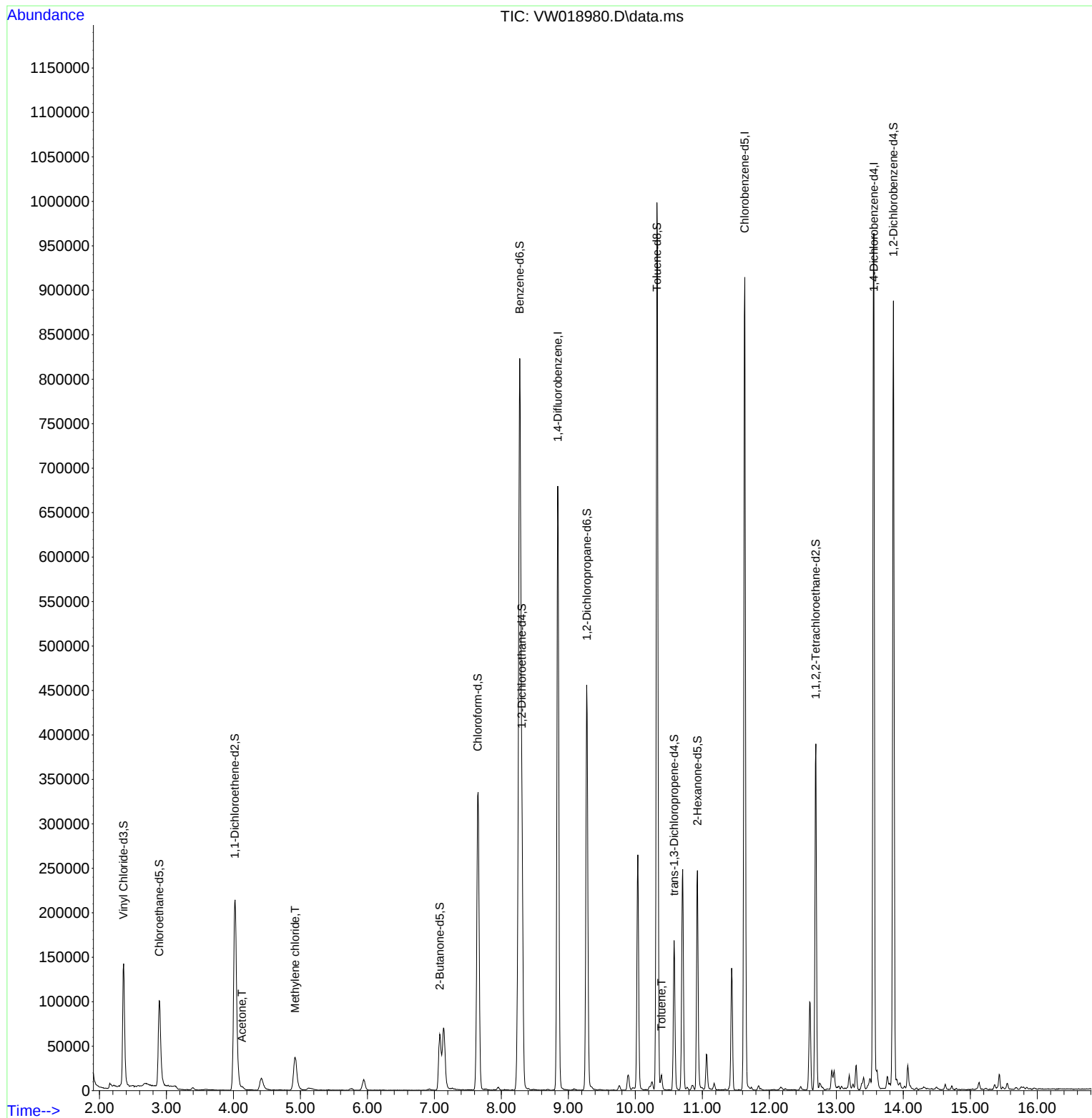
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW051221\  
Data File : VW018980.D  
Acq On : 12 May 2021 16:41  
Operator : SY/VA  
Sample : VW0512SBL01  
Misc : 5.00G/10ML/MSVOA\_W/SOIL  
ALS Vial : 11 Sample Multiplier: 1

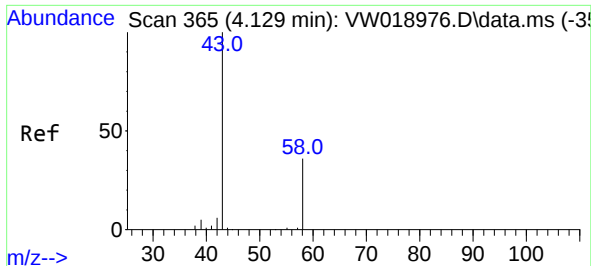
Instrument :  
MSVOA\_W  
ClientSampleId :  
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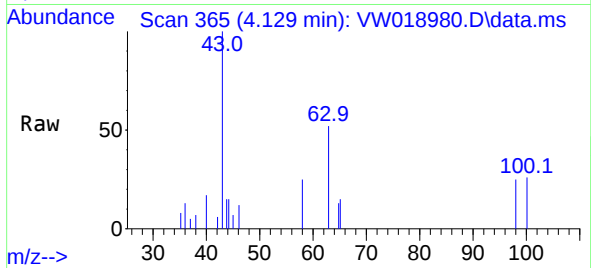
Quant Time: May 13 02:59:39 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM051221SMA.M  
Quant Title : SFAM01.0  
QLast Update : Wed May 12 15:15:33 2021  
Response via : Initial Calibration





#13  
Acetone  
Concen: 3.73 ug/L  
RT: 4.129 min Scan# 365  
Delta R.T. -0.000 min  
Lab File: VW018980.D  
Acq: 12 May 2021 16:41

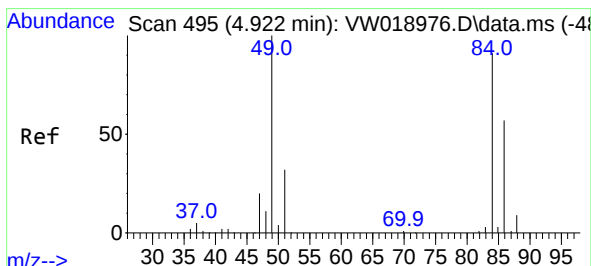
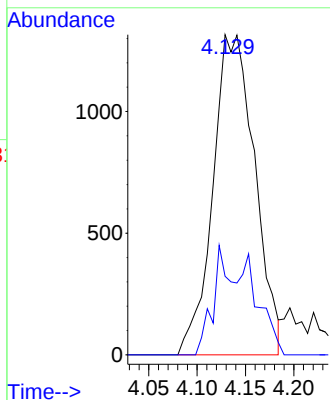
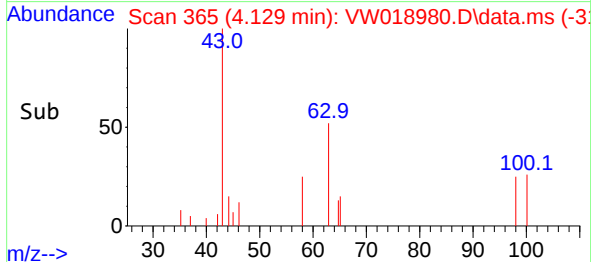
Instrument :  
MSVOA\_W  
ClientSampled :  
VBLK119



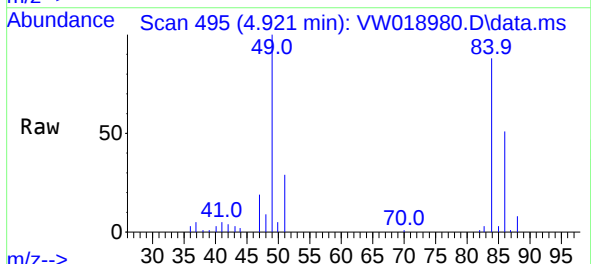
Tgt Ion: 43 Resp: 3960  
Ion Ratio Lower Upper  
43 100  
58 16.2 0.0 53.8

Manual Integrations  
APPROVED

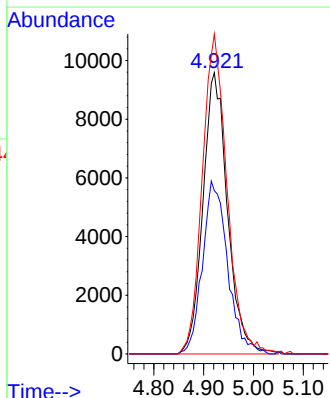
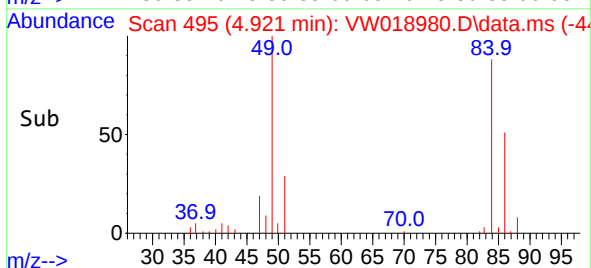
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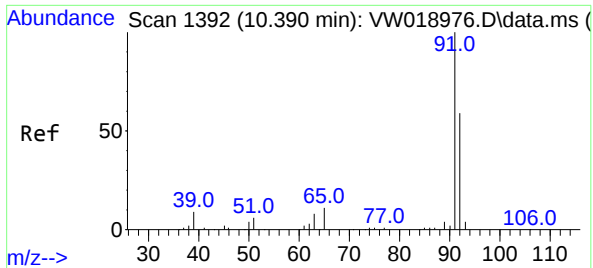


#16  
Methylene chloride  
Concen: 3.58 ug/L  
RT: 4.921 min Scan# 495  
Delta R.T. -0.000 min  
Lab File: VW018980.D  
Acq: 12 May 2021 16:41



Tgt Ion: 84 Resp: 32848  
Ion Ratio Lower Upper  
84 100  
86 58.0 45.3 84.1  
49 113.8 86.6 160.8





#42  
Toluene  
Concen: 0.35 ug/L  
RT: 10.390 min Scan# 1392  
Delta R.T. -0.000 min  
Lab File: VW018980.D  
Acq: 12 May 2021 16:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 11335 |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 56.7  | 39.5  | 73.3  |

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