

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW072122\  
 Data File : VW023984.D  
 Acq On : 21 Jul 2022 16:03  
 Operator : SY/VA  
 Sample : N3721-18  
 Misc : 6.08g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 F5C60

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 07/22/2022  
 Supervised By :Semsettin Yesilyurt 07/22/2022

Quant Time: Jul 22 01:32:26 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Jul 22 01:28:21 2022  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842          | 114  | 305036     | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.628         | 117  | 289667     | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560         | 152  | 119156     | 25.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 2.337          | 65   | 126798     | 16.275   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 65.120%  |        |          |
| 7) Chloroethane-d5            | 2.879          | 69   | 100199     | 19.279   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 77.120%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 4.007          | 63   | 93348      | 14.714   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 58.840%  |        |          |
| 21) 2-Butanone-d5             | 7.080          | 46   | 59117      | 48.920   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 97.840%  |        |          |
| 24) Chloroform-d              | 7.647          | 84   | 206446     | 23.246   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 93.000%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 119250m    | 21.954   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 87.800%  |        |          |
| 32) Benzene-d6                | 8.275          | 84   | 371353     | 24.662   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 98.640%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.274          | 67   | 117737     | 25.958   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 103.840% |        |          |
| 41) Toluene-d8                | 10.323         | 98   | 337414     | 22.091   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 88.360%  |        |          |
| 43) trans-1,3-Dichloroprop... | 10.579         | 79   | 41165      | 19.362   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 77.440%  |        |          |
| 47) 2-Hexanone-d5             | 10.927         | 63   | 48436      | 50.784   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 101.560% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688         | 84   | 115356     | 23.014   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 92.040%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 116825     | 27.465   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 109.840% |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 5) Vinyl chloride             | 2.349          | 62   | 16402      | 1.882    | ug/L   | 90       |
| 13) Acetone                   | 4.129          | 43   | 15830      | 18.528   | ug/L   | 99       |
| 14) Carbon disulfide          | 4.373          | 76   | 32798      | 3.448    | ug/L   | 99       |
| 20) cis-1,2-Dichloroethene    | 7.171          | 96   | 14374      | 3.307    | ug/L # | 99       |
| -----                         |                |      |            |          |        |          |

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

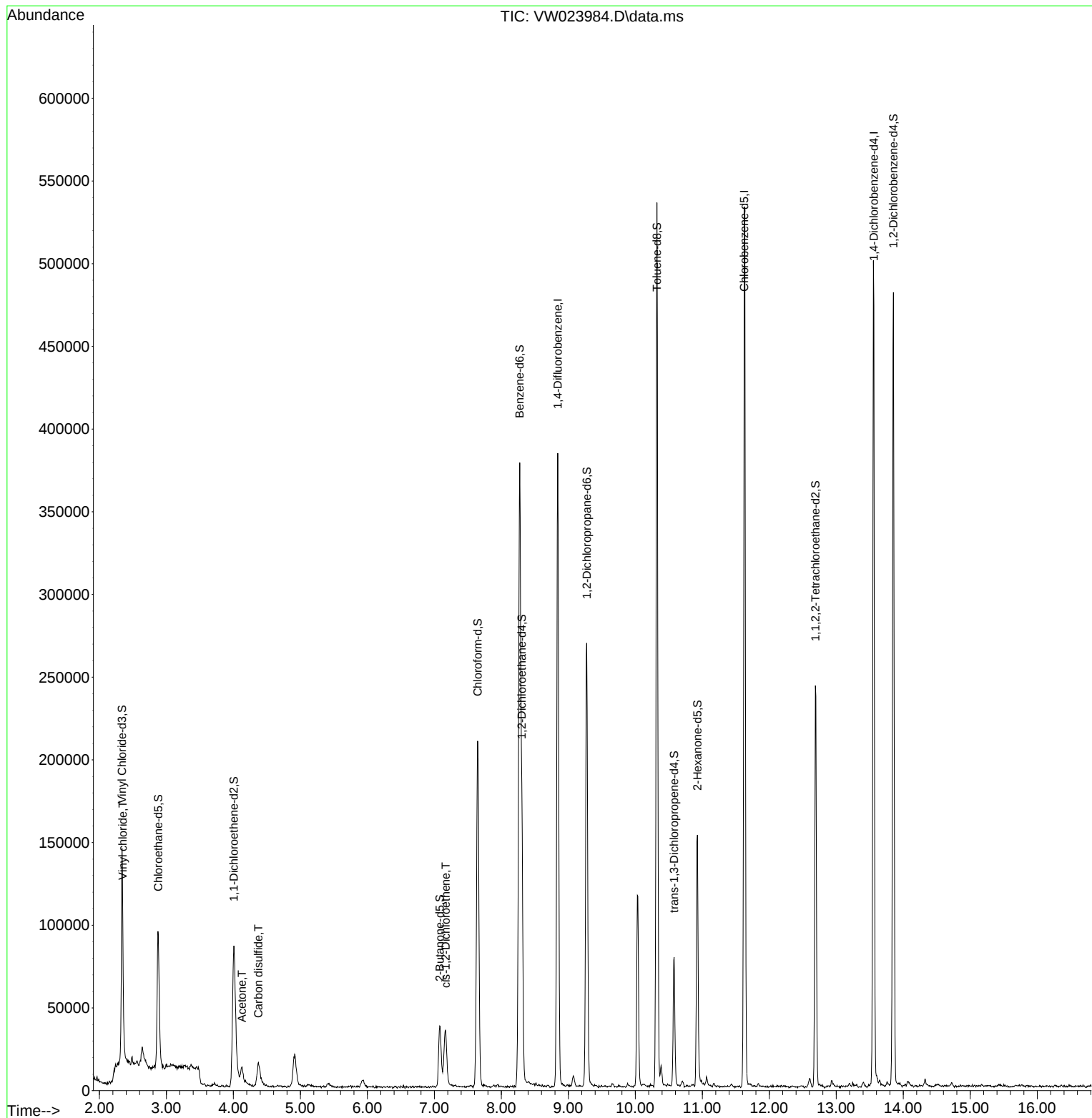
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW072122\  
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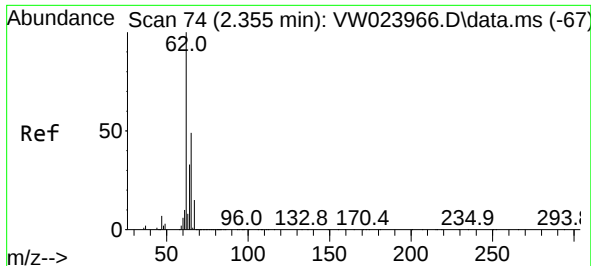
Instrument :  
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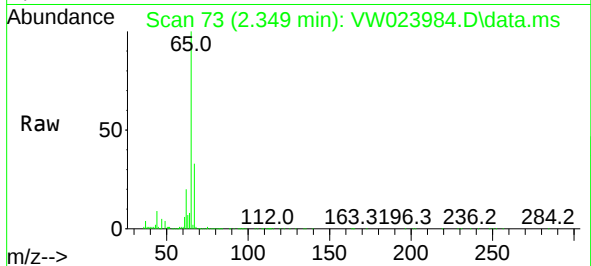
Quant Time: Jul 22 01:32:26 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
Quant Title : SFAM01.0  
QLast Update : Fri Jul 22 01:28:21 2022  
Response via : Initial Calibration





#5  
 Vinyl chloride  
 Concen: 1.882 ug/L  
 RT: 2.349 min Scan# 71  
 Delta R.T. -0.006 min  
 Lab File: VW023984.D  
 Acq: 21 Jul 2022 16:03

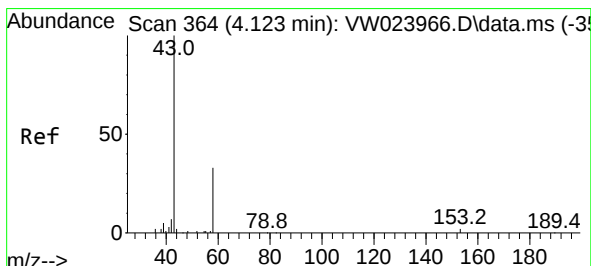
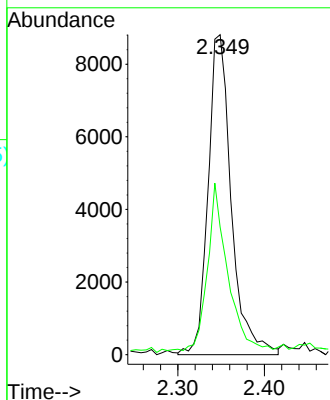
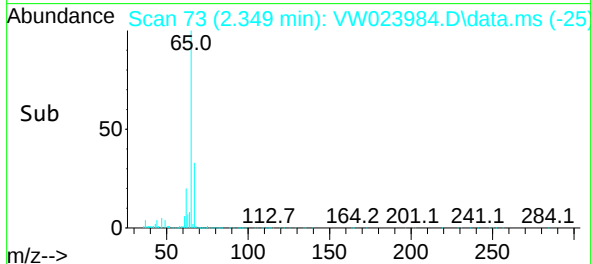
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
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Tgt Ion: 62 Resp: 1640  
 Ion Ratio Lower Upper  
 62 100  
 64 39.9 24.0 44.6

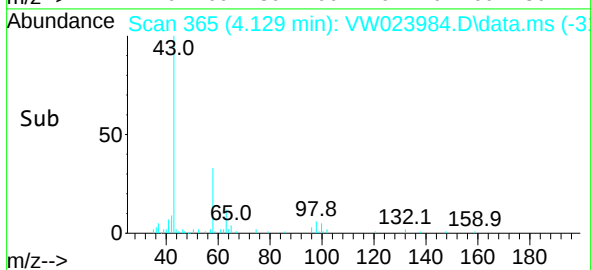
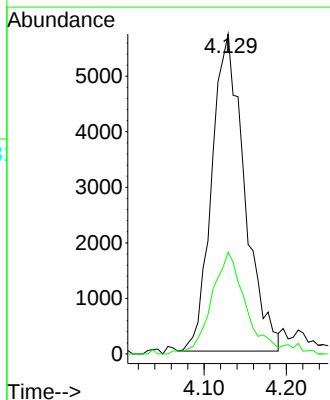
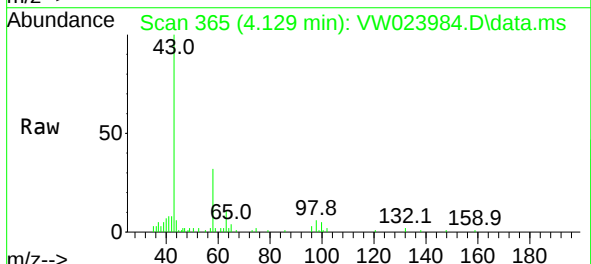
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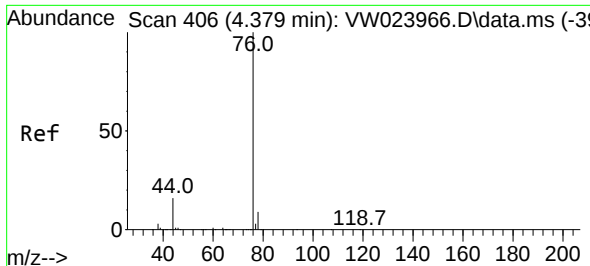
Reviewed By :Mahesh Dadoda 07/22/2022  
 Supervised By :Semsettin Yesilyurt 07/22/2022



#13  
 Acetone  
 Concen: 18.528 ug/L  
 RT: 4.129 min Scan# 365  
 Delta R.T. 0.006 min  
 Lab File: VW023984.D  
 Acq: 21 Jul 2022 16:03

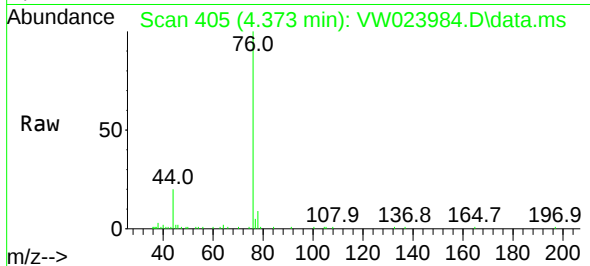
Tgt Ion: 43 Resp: 15830  
 Ion Ratio Lower Upper  
 43 100  
 58 32.7 0.0 64.2





#14  
Carbon disulfide  
Concen: 3.448 ug/L  
RT: 4.373 min Scan# 406  
Delta R.T. -0.006 min  
Lab File: VW023984.D  
Acq: 21 Jul 2022 16:03

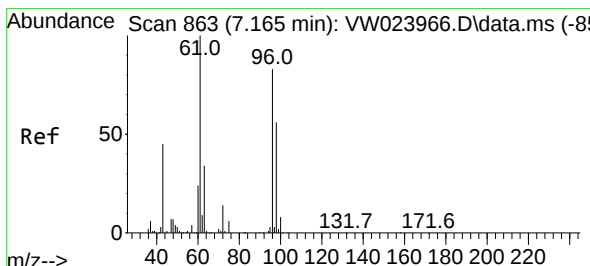
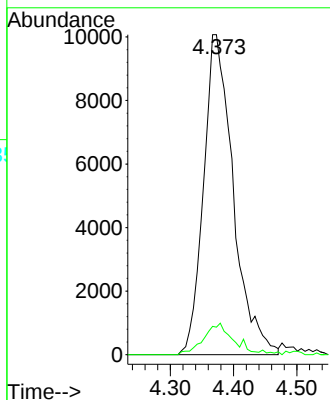
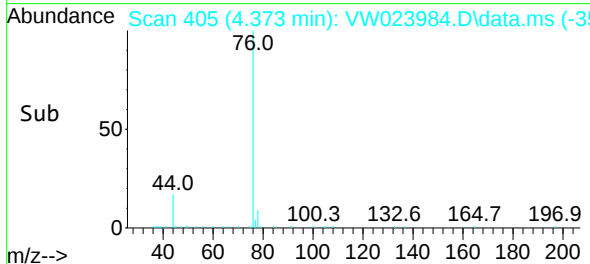
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Tgt Ion: 76 Resp: 32798  
Ion Ratio Lower Upper  
76 100  
78 8.6 7.2 10.8

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#20  
cis-1,2-Dichloroethene  
Concen: 3.307 ug/L  
RT: 7.171 min Scan# 864  
Delta R.T. 0.006 min  
Lab File: VW023984.D  
Acq: 21 Jul 2022 16:03

Tgt Ion: 96 Resp: 14374  
Ion Ratio Lower Upper  
96 100  
61 130.4 90.6 168.2  
68 0.0 0.2 0.4

