

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071422\  
 Data File : VW023699.D  
 Acq On : 14 Jul 2022 14:45  
 Operator : SY/VA  
 Sample : N3679-01RE  
 Misc : 5.97g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 F5B41RE

Manual Integrations  
 APPROVED

Reviewed By :Krupa Patel 07/18/2022  
 Supervised By :Mahesh Dadoda 07/18/2022

Quant Time: Jul 15 03:42:52 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Jul 15 03:40:01 2022  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.842          | 114  | 51660      | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.628         | 117  | 50598      | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554         | 152  | 20532      | 25.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 2.343          | 65   | 29650      | 22.472   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 89.880%  |       |          |
| 7) Chloroethane-d5            | 2.873          | 69   | 23548      | 26.752   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 107.000% |       |          |
| 11) 1,1-Dichloroethene-d2     | 4.001          | 63   | 18463      | 17.184   | ug/L  | -0.01    |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 68.720%  |       |          |
| 21) 2-Butanone-d5             | 7.086          | 46   | 11155      | 54.505   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 109.020% |       |          |
| 24) Chloroform-d              | 7.647          | 84   | 35088      | 23.329   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 93.320%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 21296      | 23.150   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 92.600%  |       |          |
| 32) Benzene-d6                | 8.275          | 84   | 57798      | 21.974   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 87.880%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 9.275          | 67   | 19689      | 24.851   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 99.400%  |       |          |
| 41) Toluene-d8                | 10.323         | 98   | 50569      | 18.954   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 75.800%  |       |          |
| 43) trans-1,3-Dichloroprop... | 10.579         | 79   | 7207       | 19.406   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 77.640%  |       |          |
| 47) 2-Hexanone-d5             | 10.921         | 63   | 6606       | 39.652   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 79.300%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695         | 84   | 20450      | 23.356   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 93.440%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 16261      | 22.186   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 88.760%  |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 5) Vinyl chloride             | 2.349          | 62   | 5743       | 3.890    | ug/L  | # 60     |
| 13) Acetone                   | 4.111          | 43   | 6812m      | 47.078   | ug/L  |          |
| 20) cis-1,2-Dichloroethene    | 7.165          | 96   | 1474m      | 2.002    | ug/L  |          |
| -----                         |                |      |            |          |       |          |

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

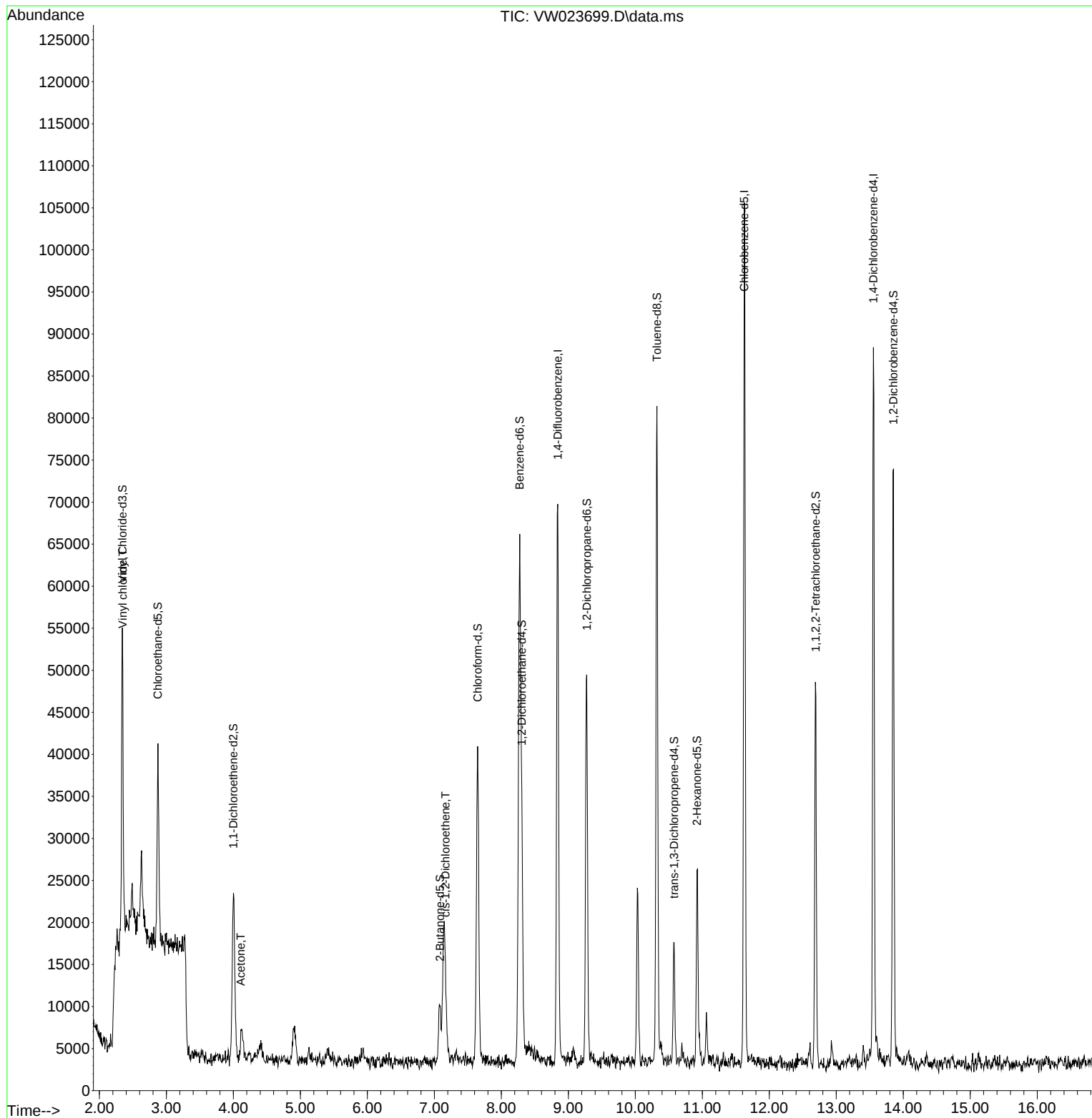
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071422\  
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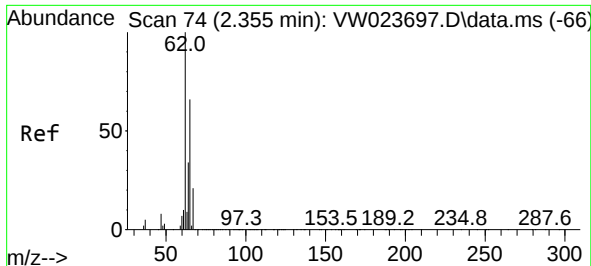
Instrument :  
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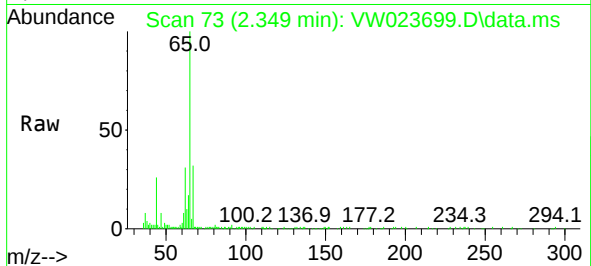
Quant Time: Jul 15 03:42:52 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
Quant Title : SFAM01.0  
QLast Update : Fri Jul 15 03:40:01 2022  
Response via : Initial Calibration





#5  
 Vinyl chloride  
 Concen: 3.890 ug/L  
 RT: 2.349 min Scan# 71  
 Delta R.T. -0.006 min  
 Lab File: VW023699.D  
 Acq: 14 Jul 2022 14:45

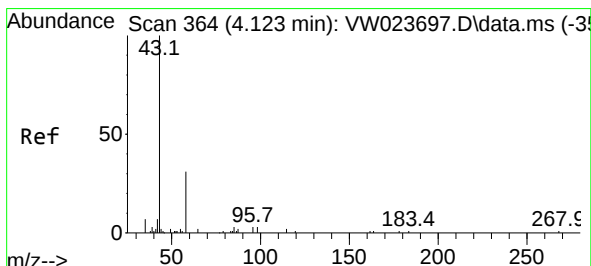
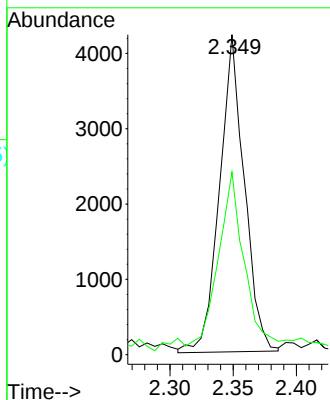
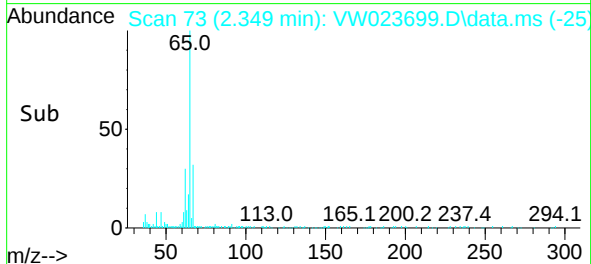
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
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Tgt Ion: 62 Resp: 574  
 Ion Ratio Lower Upper  
 62 100  
 64 57.1 24.0 44.6

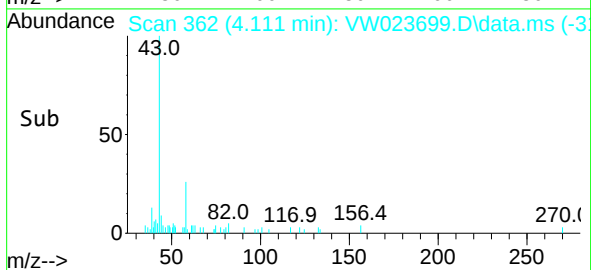
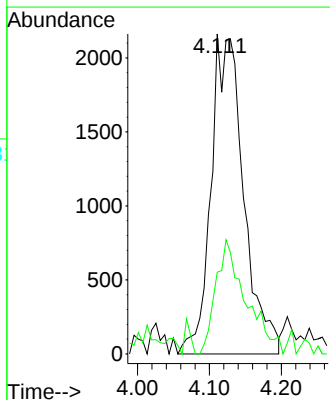
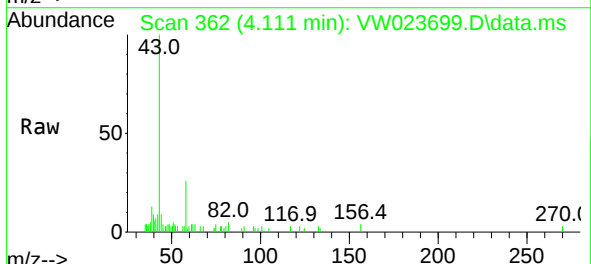
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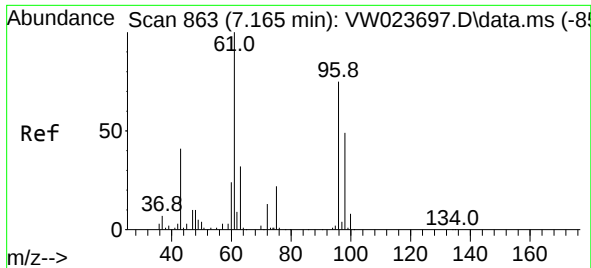
Reviewed By :Krupa Patel 07/18/2022  
 Supervised By :Mahesh Dadoda 07/18/2022



#13  
 Acetone  
 Concen: 47.078 ug/L m  
 RT: 4.111 min Scan# 362  
 Delta R.T. -0.012 min  
 Lab File: VW023699.D  
 Acq: 14 Jul 2022 14:45

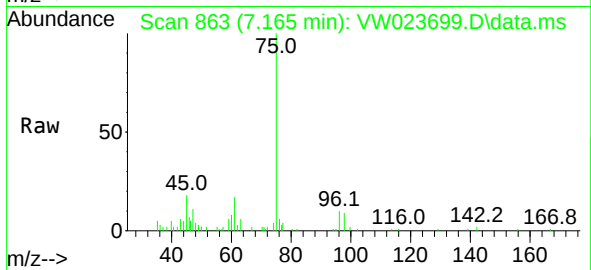
Tgt Ion: 43 Resp: 6812  
 Ion Ratio Lower Upper  
 43 100  
 58 32.5 0.0 64.2





#20  
 cis-1,2-Dichloroethene  
 Concen: 2.002 ug/L m  
 RT: 7.165 min Scan# 80  
 Delta R.T. 0.000 min  
 Lab File: VW023699.D  
 Acq: 14 Jul 2022 14:45

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Tgt Ion: 96 Resp: 1474  
 Ion Ratio Lower Upper  
 96 100  
 61 161.8 90.6 168.2  
 68 0.0 0.2 0.4

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