

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082922\  
 Data File : VW024457.D  
 Acq On : 29 Aug 2022 20:06  
 Operator : SY/VA  
 Sample : N4362-06  
 Misc : 5.98g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0FB7

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/30/2022  
 Supervised By :Mahesh Dadoda 08/31/2022

Quant Time: Aug 30 00:25:37 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM082622SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue Aug 30 00:24:06 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114            | 402563   | 25.000 | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 11.628 | 117            | 390282   | 25.000 | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152            | 179553   | 25.000 | ug/L     | 0.00     |
|                               |        |                |          |        |          |          |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 2.337  | 65             | 209795   | 18.906 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery | =      | 75.640%  |          |
| 7) Chloroethane-d5            | 2.873  | 69             | 131108   | 15.769 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery | =      | 63.080%  |          |
| 11) 1,1-Dichloroethene-d2     | 4.001  | 63             | 153145   | 15.913 | ug/L     | -0.01    |
| Spiked Amount                 | 25.000 | Range 45 - 110 | Recovery | =      | 63.640%  |          |
| 21) 2-Butanone-d5             | 7.074  | 46             | 60848    | 29.770 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery | =      | 59.540%  |          |
| 24) Chloroform-d              | 7.641  | 84             | 234151   | 18.092 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 40 - 150 | Recovery | =      | 72.360%  |          |
| 26) 1,2-Dichloroethane-d4     | 8.299  | 65             | 131986   | 16.817 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 70 - 130 | Recovery | =      | 67.280%# |          |
| 32) Benzene-d6                | 8.268  | 84             | 452499   | 20.236 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 20 - 135 | Recovery | =      | 80.960%  |          |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67             | 131465   | 18.904 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 70 - 120 | Recovery | =      | 75.600%  |          |
| 41) Toluene-d8                | 10.323 | 98             | 420018   | 19.756 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 130 | Recovery | =      | 79.040%  |          |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79             | 53313    | 16.382 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 135 | Recovery | =      | 65.520%  |          |
| 47) 2-Hexanone-d5             | 10.920 | 63             | 47275    | 30.378 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery | =      | 60.760%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84             | 116859   | 14.842 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 120 | Recovery | =      | 59.360%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152            | 131421   | 19.437 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 75 - 120 | Recovery | =      | 77.760%  |          |
|                               |        |                |          |        |          |          |
| Target Compounds              |        |                |          |        | Qvalue   |          |
| 13) Acetone                   | 4.129  | 43             | 6218     | 5.098  | ug/L     | 80       |
| 20) cis-1,2-Dichloroethene    | 7.159  | 96             | 50288m   | 8.035  | ug/L     |          |
| 34) Trichloroethene           | 9.092  | 95             | 3400     | 0.531  | ug/L #   | 64       |
| -----                         |        |                |          |        |          |          |

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

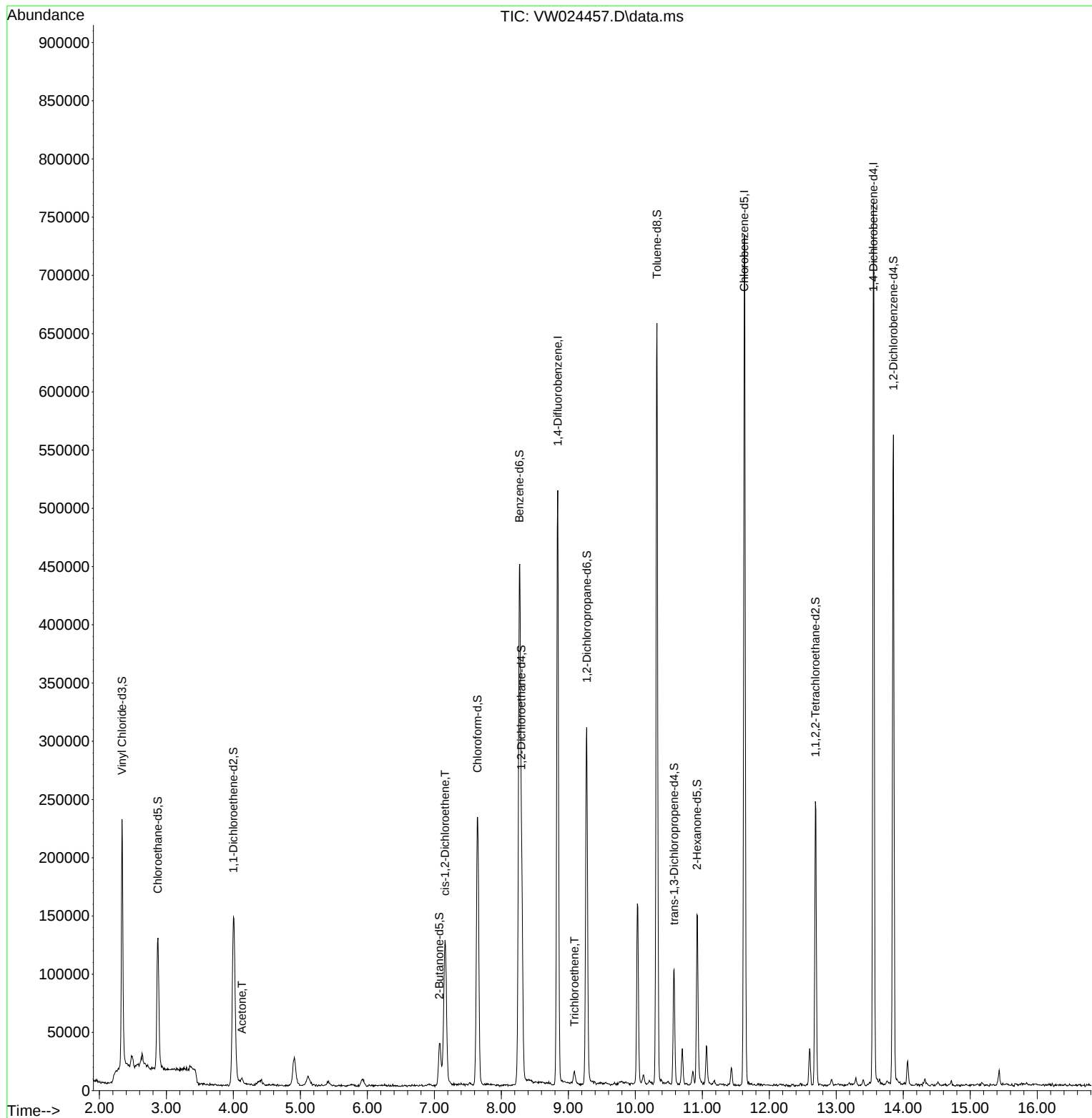
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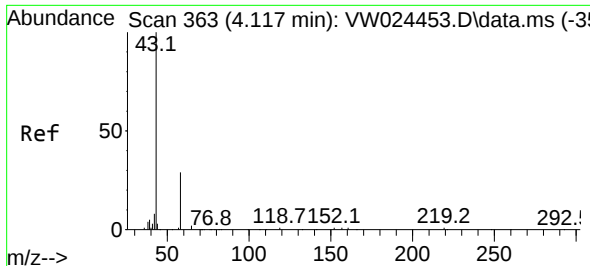
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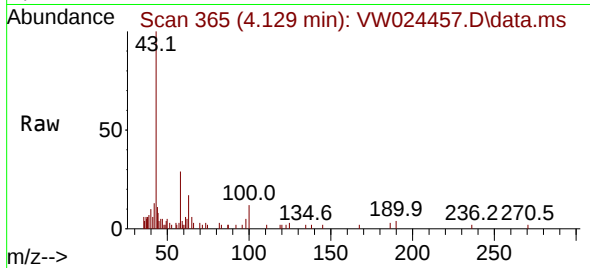
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM082622SMA.M  
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QLast Update : Tue Aug 30 00:24:06 2022  
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#13  
Acetone  
Concen: 5.098 ug/L  
RT: 4.129 min Scan# 365  
Delta R.T. 0.012 min  
Lab File: VW024457.D  
Acq: 29 Aug 2022 20:06

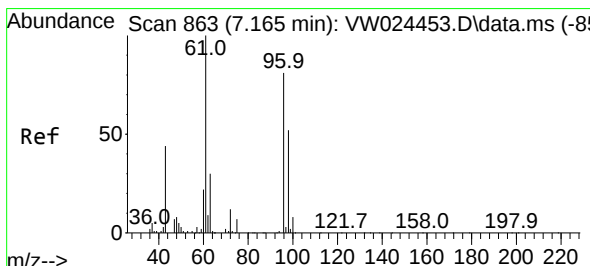
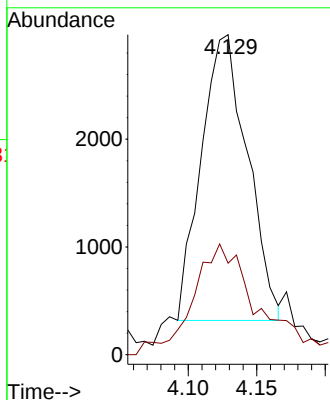
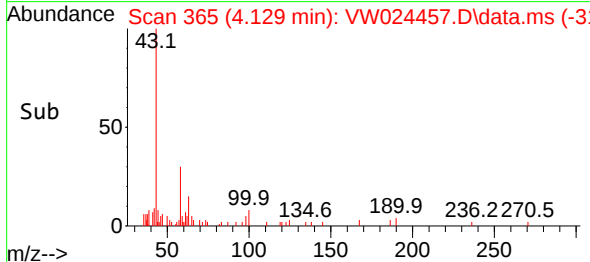
Instrument :  
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Tgt Ion: 43 Resp: 6218  
Ion Ratio Lower Upper  
43 100  
58 39.8 0.0 58.4

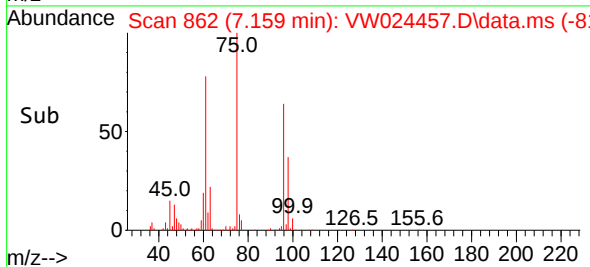
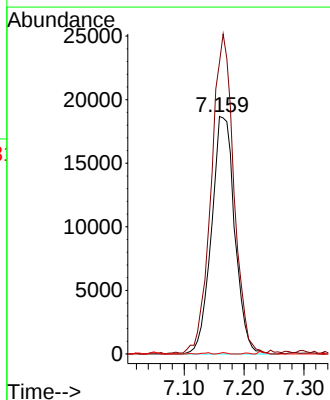
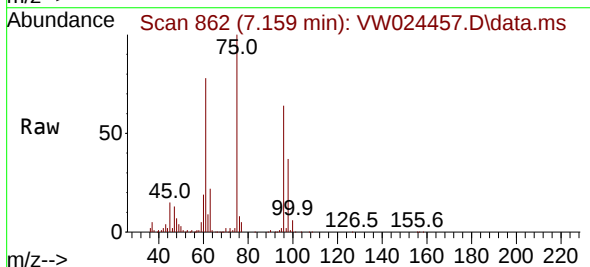
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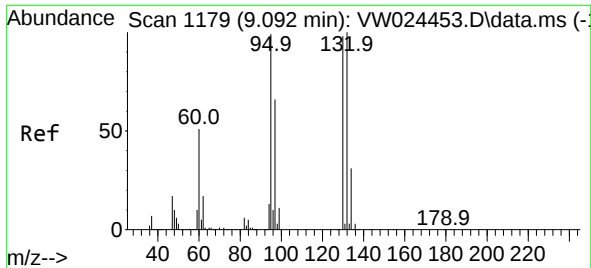
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Supervised By :Mahesh Dadoda 08/31/2022



#20  
cis-1,2-Dichloroethene  
Concen: 8.035 ug/L m  
RT: 7.159 min Scan# 862  
Delta R.T. -0.006 min  
Lab File: VW024457.D  
Acq: 29 Aug 2022 20:06

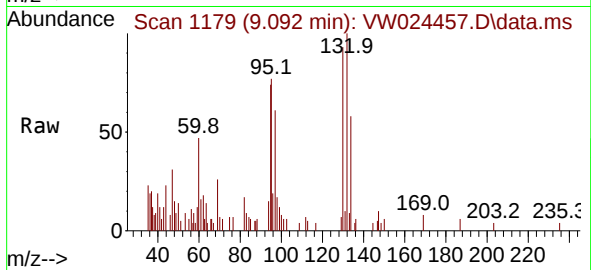
Tgt Ion: 96 Resp: 50288  
Ion Ratio Lower Upper  
96 100  
61 122.7 90.2 167.6  
68 0.3 0.0 0.0





#34  
 Trichloroethene  
 Concen: 0.531 ug/L  
 RT: 9.092 min Scan# 1179  
 Delta R.T. -0.000 min  
 Lab File: VW024457.D  
 Acq: 29 Aug 2022 20:06

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Tgt Ion: 95 Resp: 3400

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 40.9  | 48.4  | 89.8  |
| 132 | 66.5  | 68.6  | 127.4 |
| 130 | 61.8  | 72.6  | 134.8 |

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