

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW121923\  
 Data File : VW027801.D  
 Acq On : 20 Dec 2023 01:07  
 Operator : SY/MD  
 Sample : 05869-05  
 Misc : 5.59g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0B36

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2023  
 Supervised By :Mahesh Dadoda 12/20/2023

Quant Time: Dec 20 01:45:47 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM121523SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sun Dec 17 01:25:09 2023  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) 1,4-Difluorobenzene        | 8.843          | 114  | 43524      | 25.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629         | 117  | 37583      | 25.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556         | 152  | 14901      | 25.000  | ug/L   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 4) Vinyl Chloride-d3          | 2.357          | 65   | 12890      | 20.912  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 83.640% |        |          |
| 7) Chloroethane-d5            | 2.893          | 69   | 10342      | 21.549  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 86.200% |        |          |
| 11) 1,1-Dichloroethene-d2     | 4.027          | 65   | 5038       | 20.408  | ug/L   | 0.01     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 81.640% |        |          |
| 21) 2-Butanone-d5             | 7.094          | 46   | 3167       | 30.173  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 60.340% |        |          |
| 24) Chloroform-d              | 7.648          | 84   | 21711      | 20.963  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 83.840% |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.307          | 65   | 10476      | 21.543  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 86.160% |        |          |
| 32) Benzene-d6                | 8.276          | 84   | 45888      | 20.892  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 83.560% |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.276          | 67   | 12659      | 20.343  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 81.360% |        |          |
| 41) Toluene-d8                | 10.325         | 98   | 39163      | 19.217  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 76.880% |        |          |
| 43) trans-1,3-Dichloroprop... | 10.581         | 79   | 3740       | 15.523  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 62.080% |        |          |
| 47) 2-Hexanone-d5             | 10.928         | 63   | 318m       | 3.507   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 7.020%# |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690         | 84   | 10284      | 21.853  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 87.400% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.855         | 152  | 12019      | 22.533  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 90.120% |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         |        |          |
| 51) Chlorobenzene             | 11.660         | 112  | 562        | 0.375   | ug/L # | 68       |
| 65) 1,4-Dichlorobenzene       | 13.574         | 146  | 1679       | 1.839   | ug/L   | 95       |
| 70) 1,2,4-trichlorobenzene    | 15.141         | 180  | 345        | 0.664   | ug/L # | 80       |
| -----                         |                |      |            |         |        |          |

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

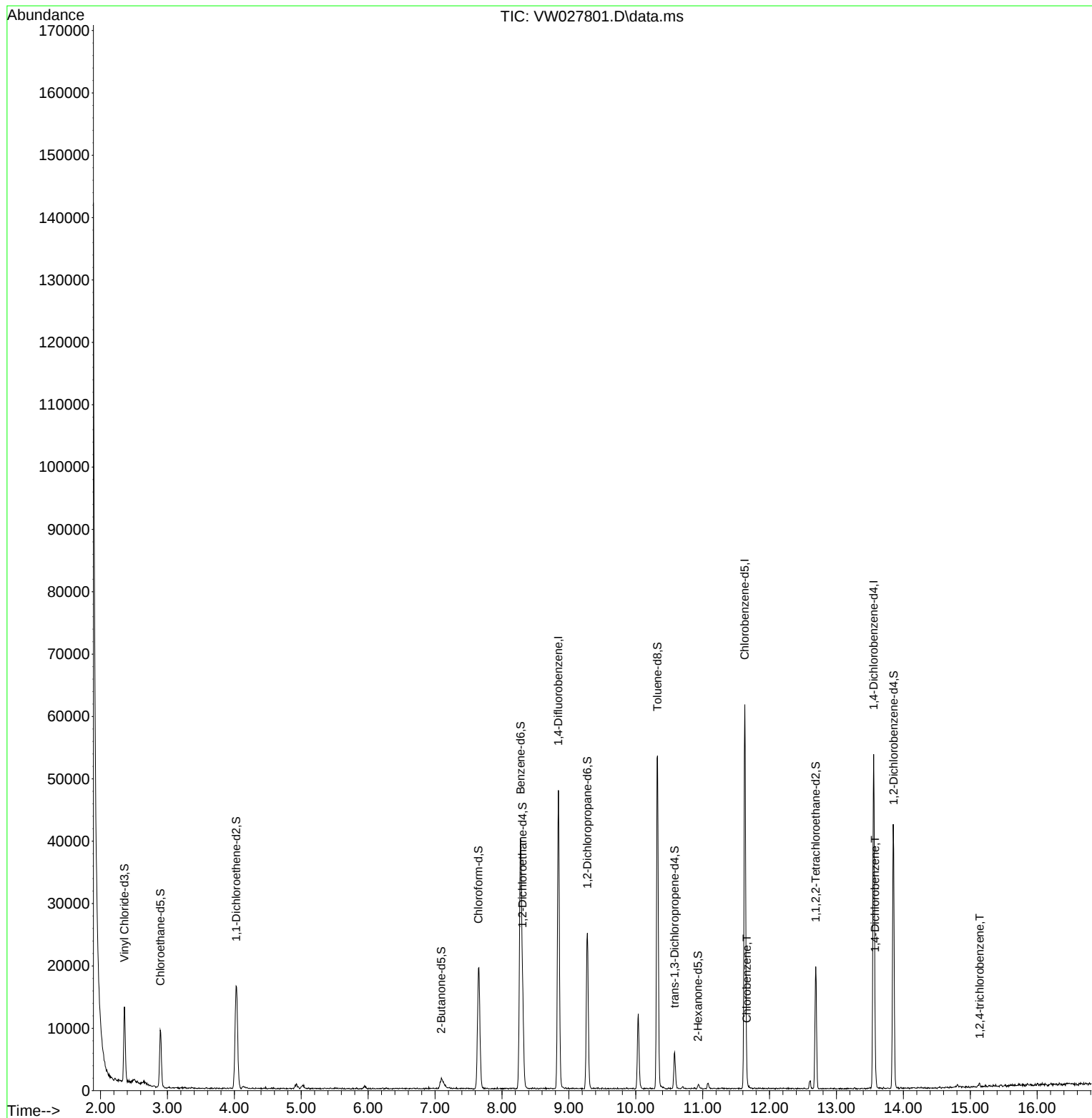
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW121923\  
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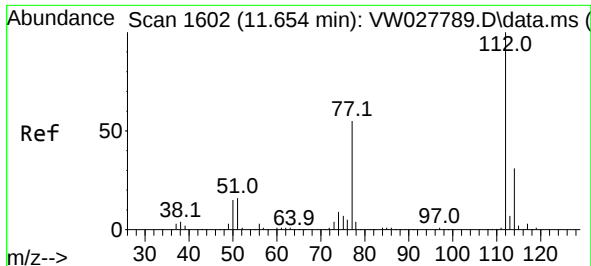
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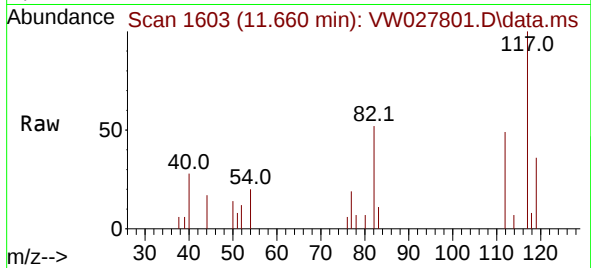
Quant Time: Dec 20 01:45:47 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM121523SMA.M  
Quant Title : SFAM01.0  
QLast Update : Sun Dec 17 01:25:09 2023  
Response via : Initial Calibration





#51  
Chlorobenzene  
Concen: 0.375 ug/L  
RT: 11.660 min Scan# 1160  
Delta R.T. 0.006 min  
Lab File: VW027801.D  
Acq: 20 Dec 2023 01:07

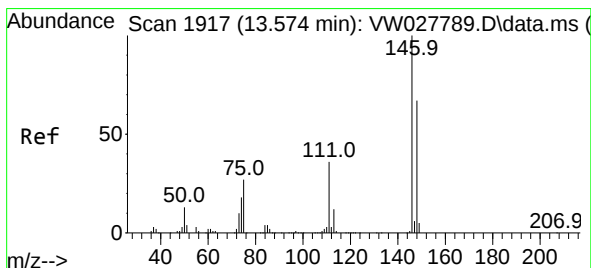
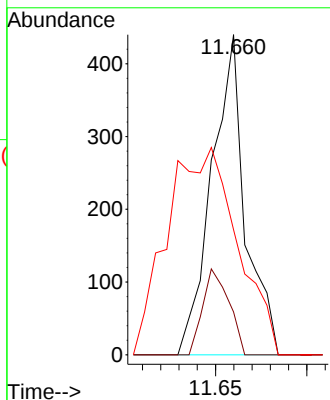
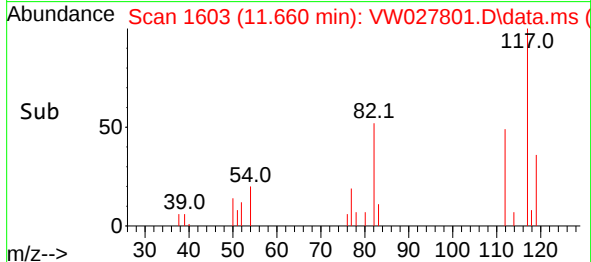
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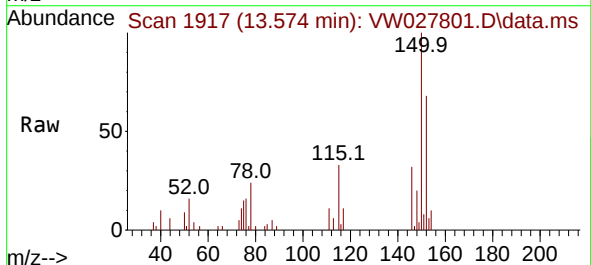
Tgt Ion:112 Resp: 562  
Ion Ratio Lower Upper  
112 100  
114 13.4 25.0 46.4  
77 39.1 48.1 72.1

Manual Integrations  
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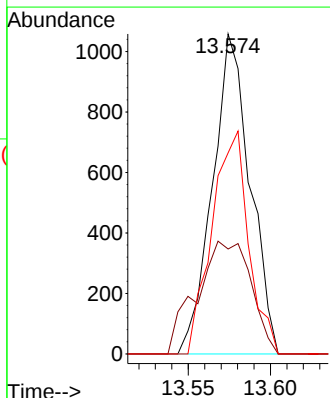
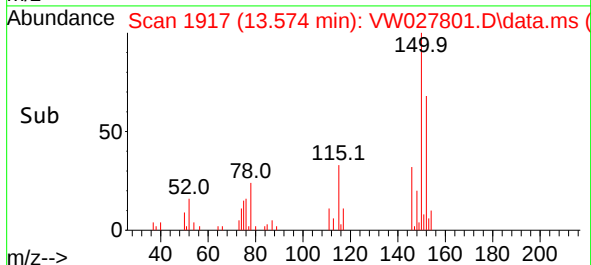
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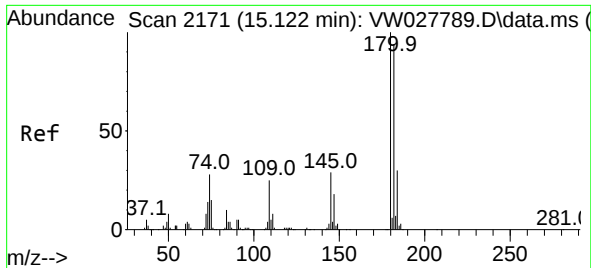


#65  
1,4-Dichlorobenzene  
Concen: 1.839 ug/L  
RT: 13.574 min Scan# 1917  
Delta R.T. 0.000 min  
Lab File: VW027801.D  
Acq: 20 Dec 2023 01:07



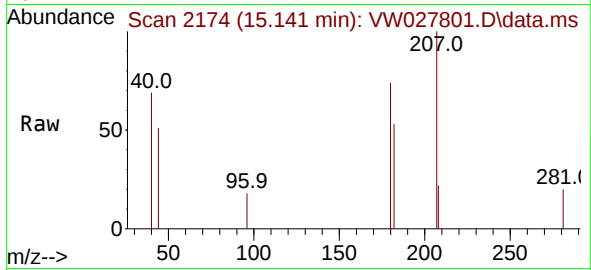
Tgt Ion:146 Resp: 1679  
Ion Ratio Lower Upper  
146 100  
111 32.8 26.2 48.6  
148 62.9 46.3 85.9





#70  
1,2,4-trichlorobenzene  
Concen: 0.664 ug/L  
RT: 15.141 min Scan# 2174  
Delta R.T. 0.012 min  
Lab File: VW027801.D  
Acq: 20 Dec 2023 01:07

Instrument :  
MSVOA\_W  
ClientSampleId :  
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Tgt Ion:180 Resp: 349  
Ion Ratio Lower Upper  
180 100  
182 79.4 69.7 104.5  
145 0.0 24.1 36.1

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