

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW060624\  
 Data File : VW035997.D  
 Acq On : 06 Jun 2024 18:55  
 Operator : SY/MD  
 Sample : P2754-12  
 Misc : 5.73g/10.0mL/MSVOA\_V/SOIL/A  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 A4BQ5

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 06/07/2024  
 Supervised By :Semsettin Yesilyurt 06/07/2024

Quant Time: Jun 07 02:22:54 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM053024SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jun 07 02:16:44 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) 1,4-Difluorobenzene        | 5.535          | 114  | 322191     | 25.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.783          | 117  | 300652     | 25.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185         | 152  | 105069     | 25.000  | ug/L   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 4) Vinyl Chloride-d3          | 1.275          | 65   | 82279      | 13.890  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 55.560% |        |          |
| 7) Chloroethane-d5            | 1.529          | 69   | 79236m     | 16.776  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 67.120% |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.053          | 65   | 38281      | 14.517  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 58.080% |        |          |
| 21) 2-Butanone-d5             | 3.834          | 46   | 57503m     | 42.311  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 84.620% |        |          |
| 24) Chloroform-d              | 4.249          | 84   | 191860     | 18.731  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 74.920% |        |          |
| 26) 1,2-Dichloroethane-d4     | 4.944          | 65   | 106339     | 19.800  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 79.200% |        |          |
| 32) Benzene-d6                | 4.957          | 84   | 336747     | 18.843  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 75.360% |        |          |
| 36) 1,2-Dichloropropane-d6    | 5.989          | 67   | 121494     | 21.588  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 86.360% |        |          |
| 41) Toluene-d8                | 7.243          | 98   | 249386     | 15.815  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 63.280% |        |          |
| 43) trans-1,3-Dichloroprop... | 7.558          | 79   | 41064      | 17.795  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 71.200% |        |          |
| 47) 2-Hexanone-d5             | 8.034          | 63   | 29357      | 38.501  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 77.000% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153         | 84   | 101327     | 24.094  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 96.360% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.561         | 152  | 79633      | 20.668  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 82.680% |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         | Qvalue |          |
| 13) Acetone                   | 2.140          | 43   | 29370m     | 13.873  | ug/L   |          |
| 16) Methylene chloride        | 2.445          | 84   | 24979      | 3.426   | ug/L   | 96       |
| -----                         |                |      |            |         |        |          |

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

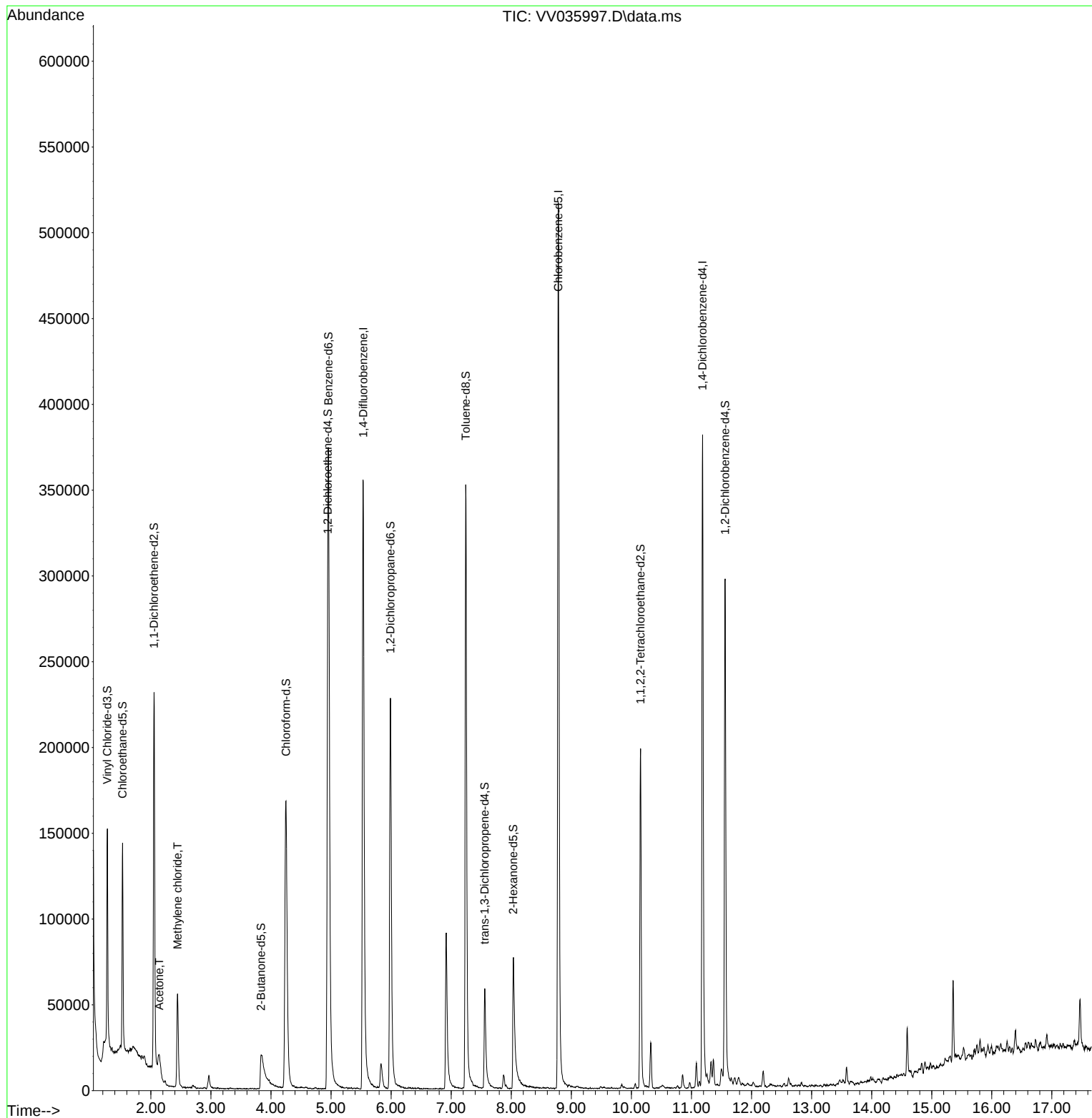
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV060624\  
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Operator : SY/MD  
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ALS Vial : 22 Sample Multiplier: 1

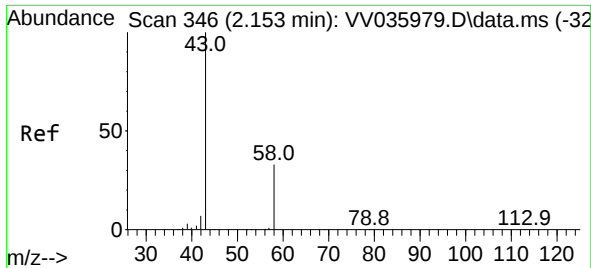
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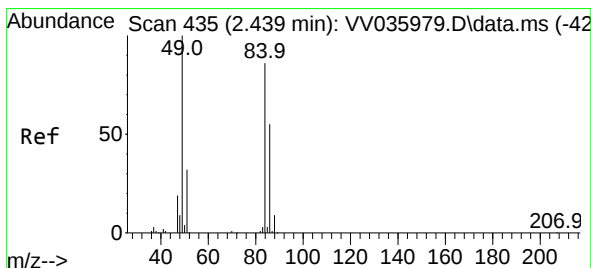
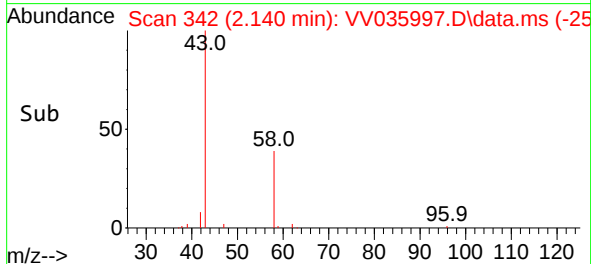
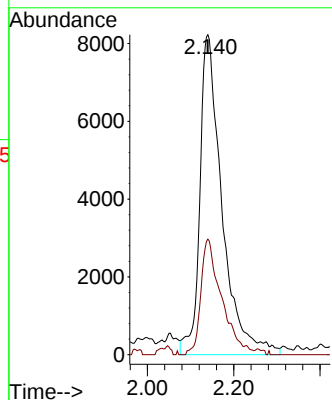
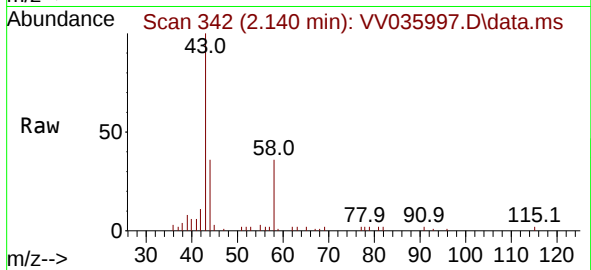
#13  
Acetone  
Concen: 13.873 ug/L m  
RT: 2.140 min Scan# 34  
Delta R.T. -0.013 min  
Lab File: VV035997.D  
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Instrument :  
MSVOA\_V  
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Tgt Ion: 43 Resp: 29370  
Ion Ratio Lower Upper  
43 100  
58 0.1 0.0 24.2

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#16  
Methylene chloride  
Concen: 3.426 ug/L  
RT: 2.445 min Scan# 437  
Delta R.T. 0.007 min  
Lab File: VV035997.D  
Acq: 06 Jun 2024 18:55

Tgt Ion: 84 Resp: 24979  
Ion Ratio Lower Upper  
84 100  
86 60.0 44.6 82.8  
49 111.6 81.1 150.5

