

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121823\  
 Data File : VX039338.D  
 Acq On : 19 Dec 2023 01:48  
 Operator : JC/MD  
 Sample : 05835-20 100X  
 Misc : 3.06g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 C0B24

Quant Time: Dec 19 04:23:14 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML120523WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Dec 18 22:55:37 2023  
 Response via : Initial Calibration

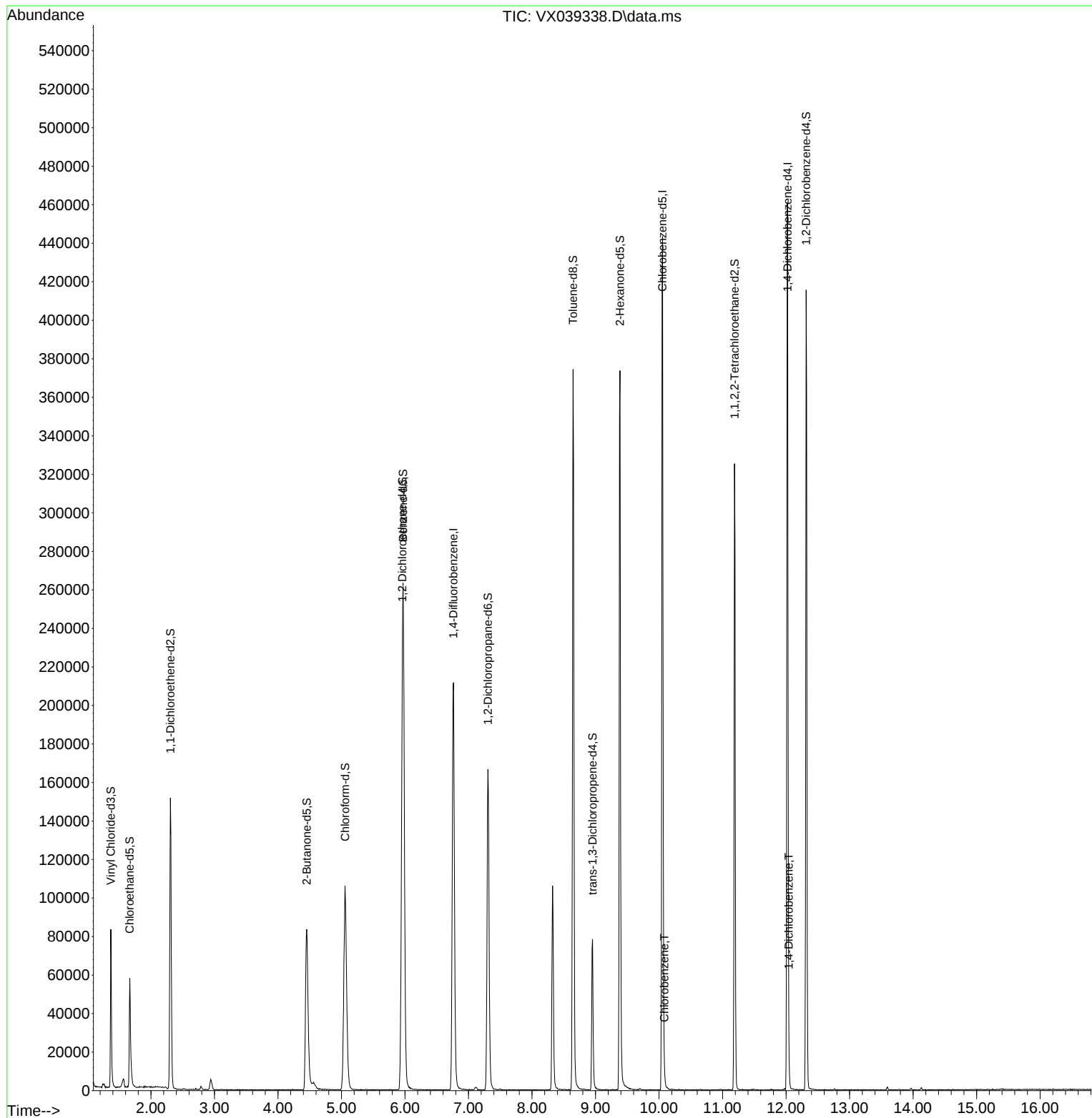
| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.763          | 114  | 204138     | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 10.055         | 117  | 188883     | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 87327      | 50.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.368          | 65   | 53246      | 33.255   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 66.500%  |       |          |
| 7) Chloroethane-d5            | 1.666          | 69   | 43304      | 36.590   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 73.180%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.306          | 65   | 26891      | 38.260   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 76.520%  |       |          |
| 21) 2-Butanone-d5             | 4.452          | 46   | 149751     | 103.323  | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 103.320% |       |          |
| 24) Chloroform-d              | 5.056          | 84   | 124092     | 43.781   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 87.560%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.958          | 65   | 89998      | 49.028   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 98.060%  |       |          |
| 32) Benzene-d6                | 5.970          | 84   | 250509     | 42.974   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 85.940%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 7.305          | 67   | 84272      | 44.921   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 89.840%  |       |          |
| 41) Toluene-d8                | 8.647          | 98   | 213376     | 40.391   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 80.780%  |       |          |
| 43) trans-1,3-Dichloroprop... | 8.952          | 79   | 36331      | 38.056   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 76.120%  |       |          |
| 47) 2-Hexanone-d5             | 9.384          | 63   | 104902     | 93.623   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 93.620%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 11.189         | 84   | 123116     | 46.262   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 92.520%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.317         | 152  | 75824      | 45.936   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 91.880%  |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 51) Chlorobenzene             | 10.085         | 112  | 2853       | 0.726    | ug/L  | 93       |
| 65) 1,4-Dichlorobenzene       | 12.042         | 146  | 4121       | 1.489    | ug/L  | 99       |
| -----                         |                |      |            |          |       |          |

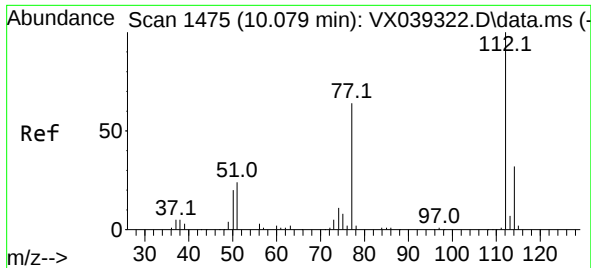
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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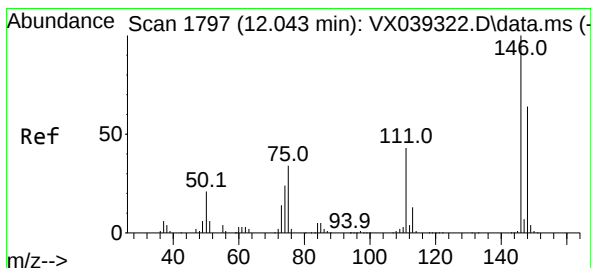
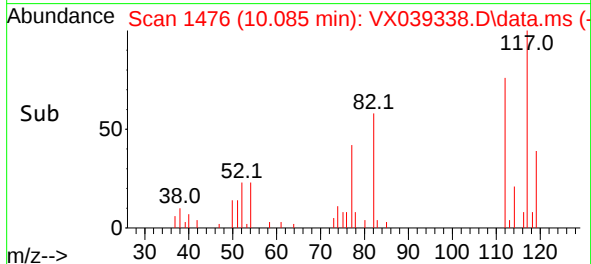
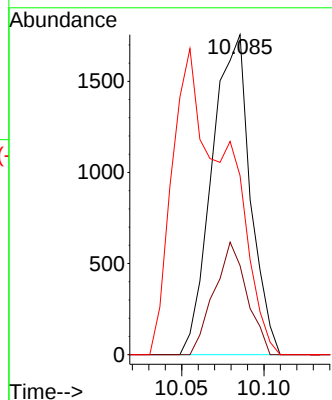
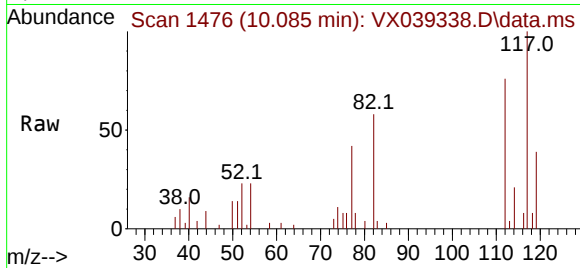




#51  
Chlorobenzene  
Concen: 0.726 ug/L  
RT: 10.085 min Scan# 1475  
Delta R.T. 0.006 min  
Lab File: VX039338.D  
Acq: 19 Dec 2023 01:48

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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 2853  |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 114      | 27.8  | 21.8  | 40.4  |
| 77       | 55.9  | 49.0  | 73.6  |



#65  
1,4-Dichlorobenzene  
Concen: 1.489 ug/L  
RT: 12.042 min Scan# 1797  
Delta R.T. -0.000 min  
Lab File: VX039338.D  
Acq: 19 Dec 2023 01:48

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 4121  |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 43.4  | 29.7  | 55.1  |
| 148      | 64.6  | 45.8  | 85.2  |

