

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122023\  
 Data File : VX039391.D  
 Acq On : 20 Dec 2023 10:54  
 Operator : JC/MD  
 Sample : 05807-12 5X  
 Misc : 1.62g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 C0AZ4

Quant Time: Dec 21 00:24:42 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML120523WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Dec 20 00:14:00 2023  
 Response via : Initial Calibration

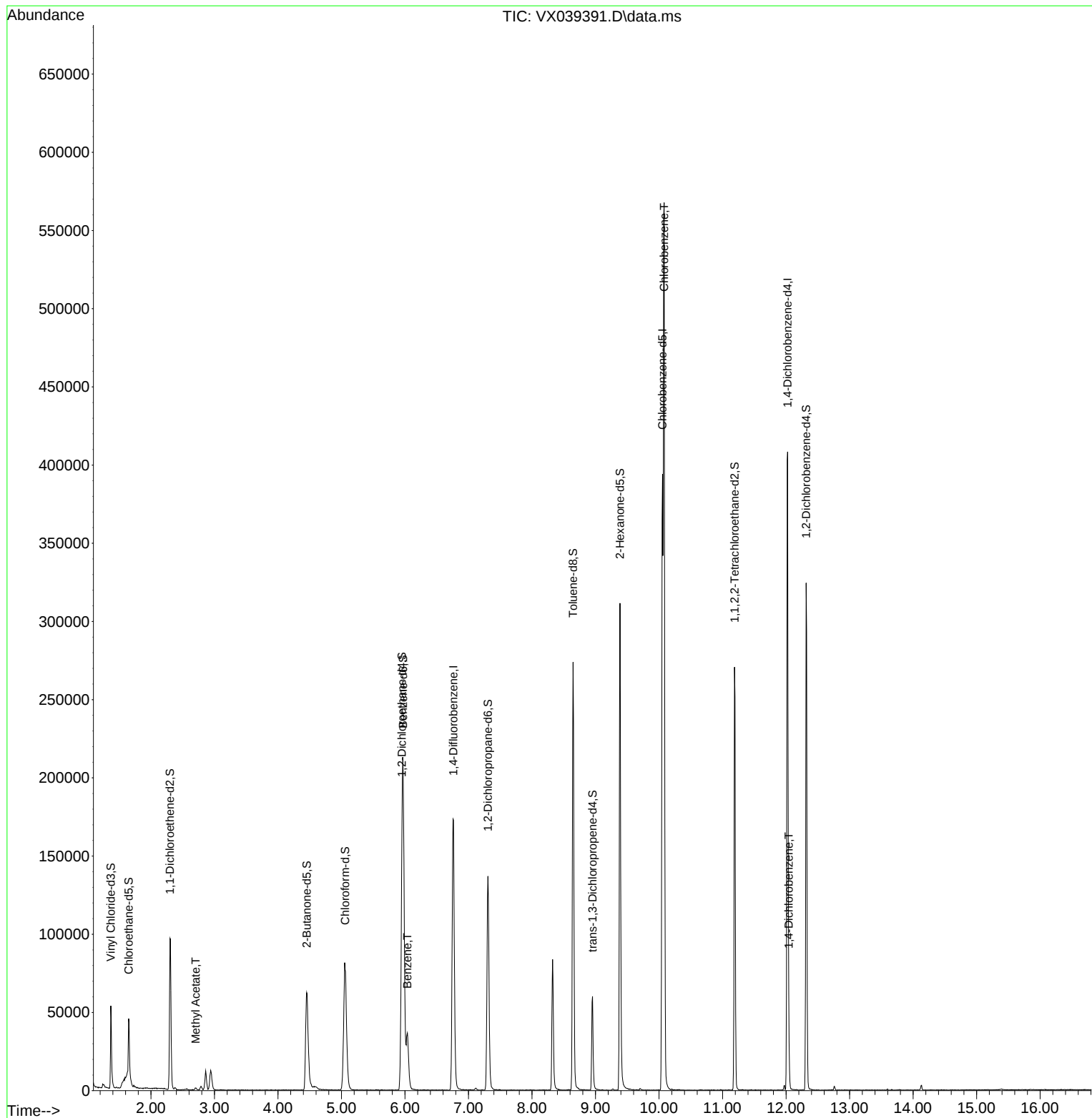
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.763   | 114   | 168193   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.055  | 117   | 158291   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024  | 152   | 77438    | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.367   | 65    | 38052    | 28.844   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 57.680%# |
| 7) Chloroethane-d5            | 1.648   | 69    | 32591    | 33.423   | ug/L   | -0.02    |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 66.840%# |
| 11) 1,1-Dichloroethene-d2     | 2.300   | 65    | 18362    | 31.709   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 63.420%  |
| 21) 2-Butanone-d5             | 4.452   | 46    | 115595   | 96.801   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 96.800%  |
| 24) Chloroform-d              | 5.056   | 84    | 97427    | 41.719   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 83.440%  |
| 26) 1,2-Dichloroethane-d4     | 5.952   | 65    | 78773    | 52.084   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 104.160% |
| 32) Benzene-d6                | 5.970   | 84    | 195476   | 40.014   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 80.020%  |
| 36) 1,2-Dichloropropane-d6    | 7.305   | 67    | 69204    | 44.019   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 88.040%  |
| 41) Toluene-d8                | 8.647   | 98    | 156364   | 35.320   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 70.640%# |
| 43) trans-1,3-Dichloroprop... | 8.951   | 79    | 28675    | 35.842   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 71.680%  |
| 47) 2-Hexanone-d5             | 9.384   | 63    | 86003    | 91.591   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 91.590%  |
| 56) 1,1,2,2-Tetrachloroeth... | 11.189  | 84    | 106653   | 47.821   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 95.640%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.317  | 152   | 59286    | 40.504   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 81.000%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 15) Methyl Acetate            | 2.703   | 43    | 1725     | 1.052    | ug/L   | 93       |
| 33) Benzene                   | 6.037   | 78    | 41297    | 8.210    | ug/L   | 100      |
| 51) Chlorobenzene             | 10.079  | 112   | 229982   | 69.798   | ug/L   | 96       |
| 65) 1,4-Dichlorobenzene       | 12.042  | 146   | 10714    | 4.366    | ug/L   | 98       |
| -----                         |         |       |          |          |        |          |

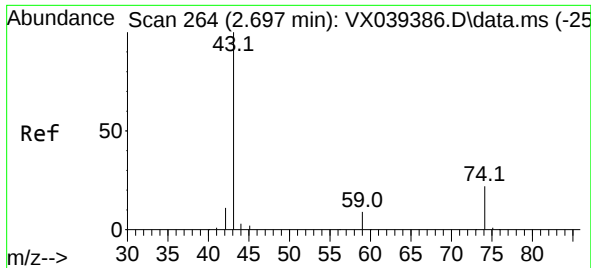
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 20 00:14:00 2023  
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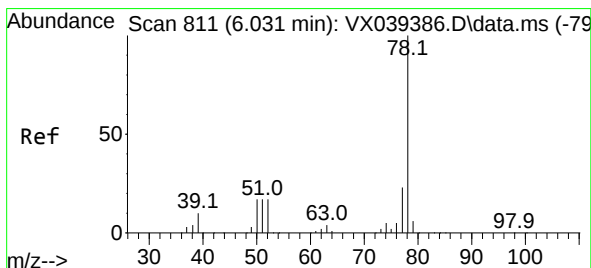
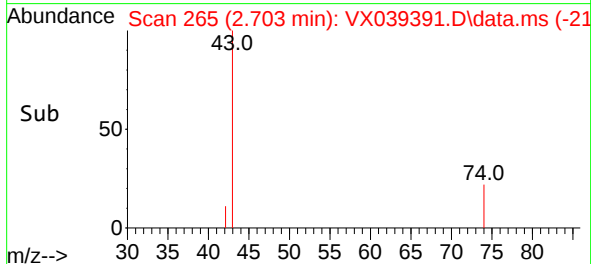
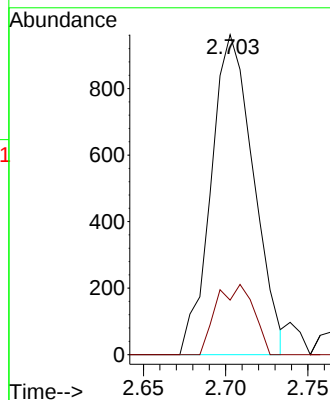
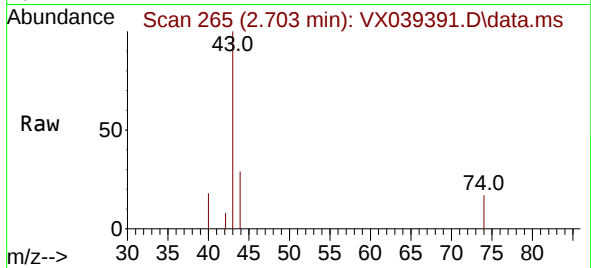




#15  
Methyl Acetate  
Concen: 1.052 ug/L  
RT: 2.703 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX039391.D  
Acq: 20 Dec 2023 10:54

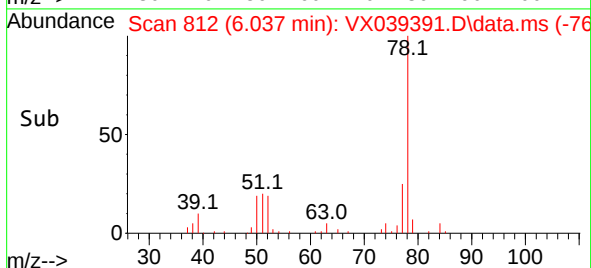
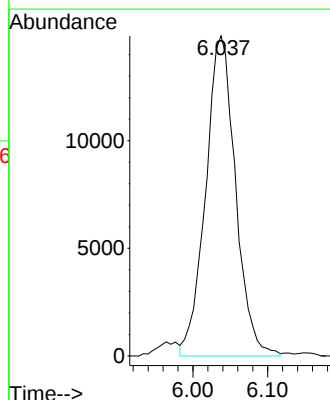
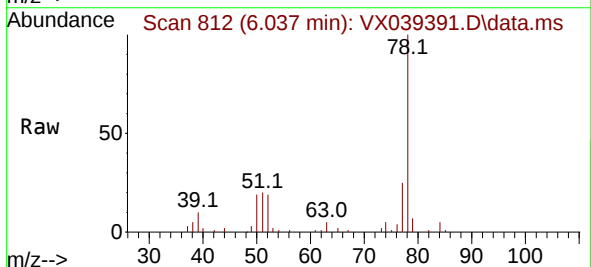
Instrument :  
MSVOA\_X  
ClientSampleId :  
C0AZ4

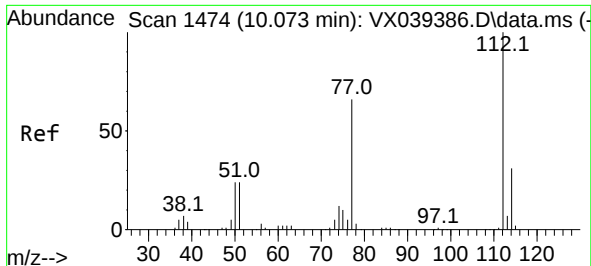
Tgt Ion: 43 Resp: 1725  
Ion Ratio Lower Upper  
43 100  
74 19.4 18.2 27.4



#33  
Benzene  
Concen: 8.210 ug/L  
RT: 6.037 min Scan# 812  
Delta R.T. 0.000 min  
Lab File: VX039391.D  
Acq: 20 Dec 2023 10:54

Tgt Ion: 78 Resp: 41297

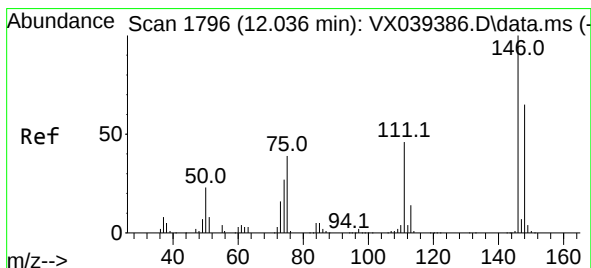
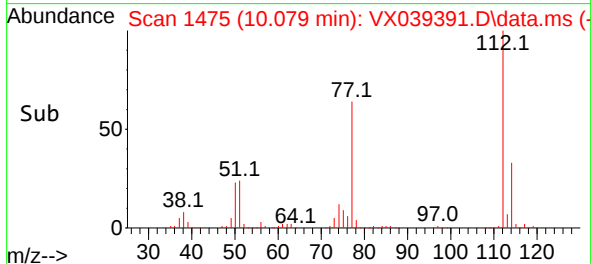
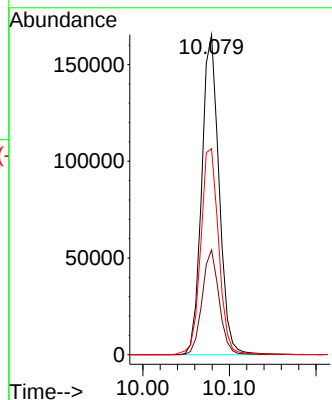
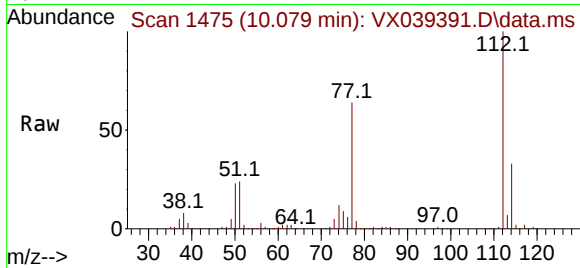




#51  
Chlorobenzene  
Concen: 69.798 ug/L  
RT: 10.079 min Scan# 1474  
Delta R.T. 0.000 min  
Lab File: VX039391.D  
Acq: 20 Dec 2023 10:54

Instrument :  
MSVOA\_X  
ClientSampleId :  
C0AZ4

Tgt Ion:112 Resp: 229982  
Ion Ratio Lower Upper  
112 100  
114 32.8 21.8 40.4  
77 64.4 49.0 73.6



#65  
1,4-Dichlorobenzene  
Concen: 4.366 ug/L  
RT: 12.042 min Scan# 1797  
Delta R.T. 0.000 min  
Lab File: VX039391.D  
Acq: 20 Dec 2023 10:54

Tgt Ion:146 Resp: 10714  
Ion Ratio Lower Upper  
146 100  
111 45.8 29.7 55.1  
148 65.0 45.8 85.2

