

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU040922\  
 Data File : VU047876.D  
 Acq On : 08 Apr 2022 18:56  
 Operator : SY/MD  
 Sample : N2343-05  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0HY3

Quant Time: Apr 09 02:06:20 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM032422WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Apr 09 01:58:44 2022  
 Response via : Initial Calibration

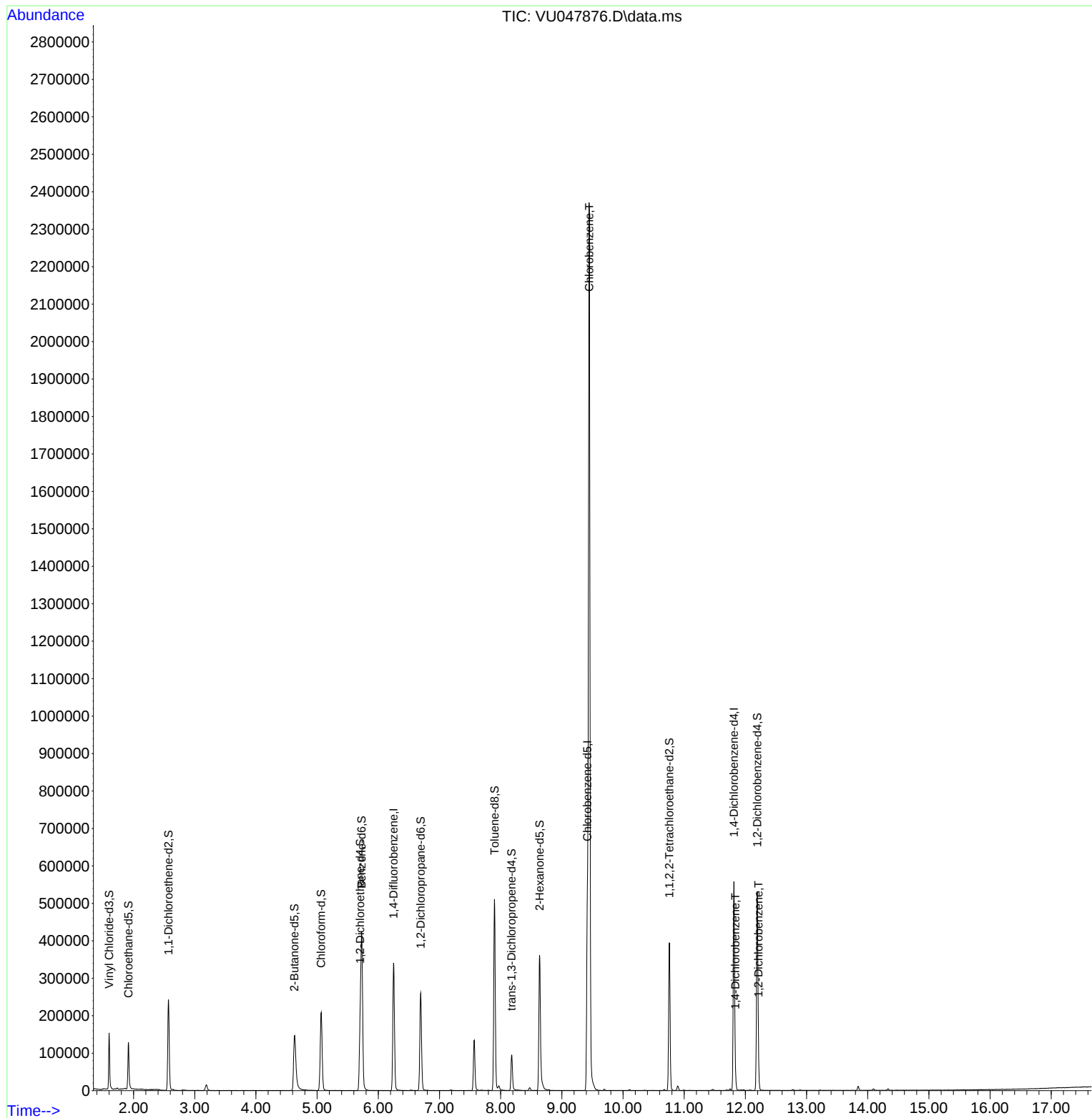
| Compound                      | R.T.    | QIon           | Response | Conc    | Units    | Dev(Min) |
|-------------------------------|---------|----------------|----------|---------|----------|----------|
| -----                         |         |                |          |         |          |          |
| Internal Standards            |         |                |          |         |          |          |
| 1) 1,4-Difluorobenzene        | 6.250   | 114            | 284746   | 50.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.417   | 117            | 305730   | 50.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812  | 152            | 157952   | 50.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |         |                |          |         |          |          |
| 4) Vinyl Chloride-d3          | 1.601   | 65             | 109095   | 52.834  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 135 | Recovery | =       | 105.660% |          |
| 7) Chloroethane-d5            | 1.916   | 69             | 93750    | 57.580  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 130 | Recovery | =       | 115.160% |          |
| 11) 1,1-Dichloroethene-d2     | 2.572   | 63             | 140993   | 37.321  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =       | 74.640%  |          |
| 21) 2-Butanone-d5             | 4.629   | 46             | 175388   | 98.959  | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 40 - 130 | Recovery | =       | 98.960%  |          |
| 24) Chloroform-d              | 5.067   | 84             | 197289   | 52.218  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 104.440% |          |
| 26) 1,2-Dichloroethane-d4     | 5.703   | 65             | 126046   | 54.395  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 108.800% |          |
| 32) Benzene-d6                | 5.729   | 84             | 396057   | 51.483  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 102.960% |          |
| 36) 1,2-Dichloropropane-d6    | 6.694   | 67             | 126518   | 53.550  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 120 | Recovery | =       | 107.100% |          |
| 41) Toluene-d8                | 7.899   | 98             | 349298   | 46.602  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =       | 93.200%  |          |
| 43) trans-1,3-Dichloroprop... | 8.179   | 79             | 54749    | 45.741  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =       | 91.480%  |          |
| 47) 2-Hexanone-d5             | 8.636   | 63             | 124959   | 90.349  | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 45 - 130 | Recovery | =       | 90.350%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758  | 84             | 194112   | 47.874  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 65 - 120 | Recovery | =       | 95.740%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.195  | 152            | 148318   | 52.780  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =       | 105.560% |          |
| Target Compounds              |         |                |          |         |          |          |
|                               |         |                |          |         | Qvalue   |          |
| 51) Chlorobenzene             | 9.449   | 112            | 1337488  | 202.866 | ug/L     | 98       |
| 65) 1,4-Dichlorobenzene       | 11.835  | 146            | 12578    | 2.559   | ug/L     | 88       |
| 67) 1,2-Dichlorobenzene       | 12.214  | 146            | 16020    | 3.374   | ug/L     | 99       |
| -----                         |         |                |          |         |          |          |

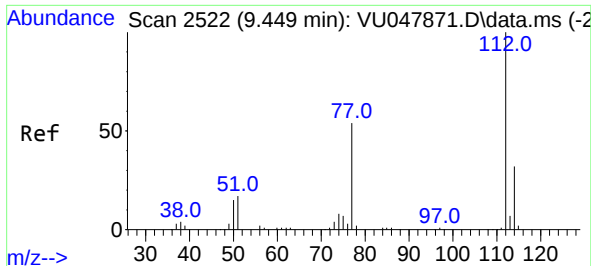
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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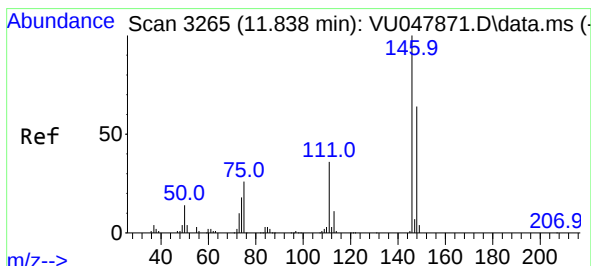
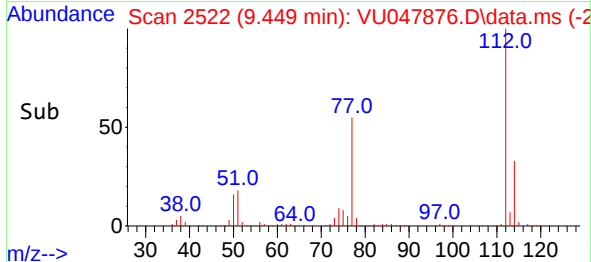
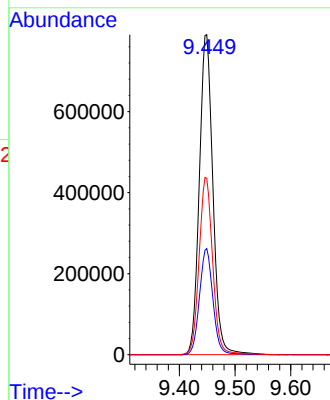
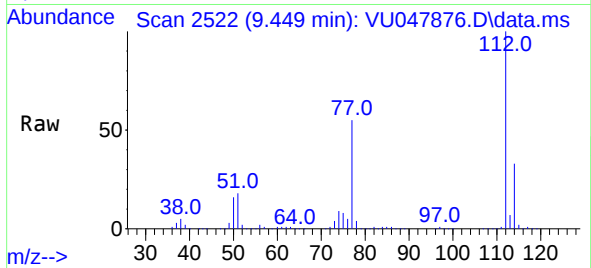




#51  
Chlorobenzene  
Concen: 202.866 ug/L  
RT: 9.449 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU047876.D  
Acq: 08 Apr 2022 18:56

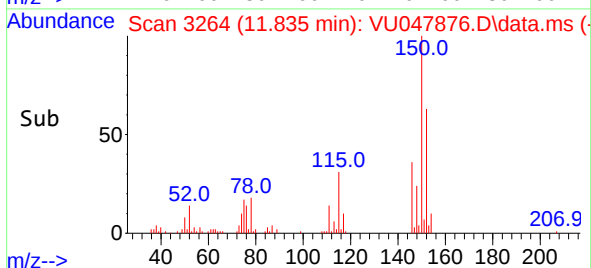
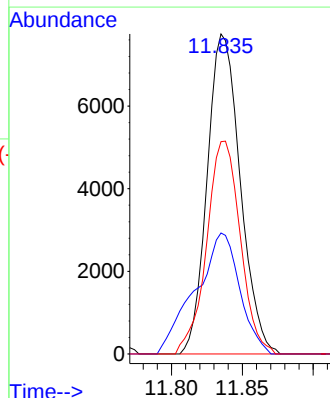
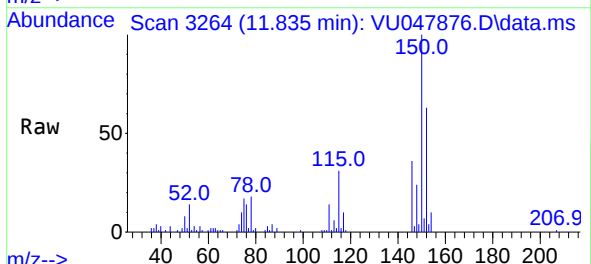
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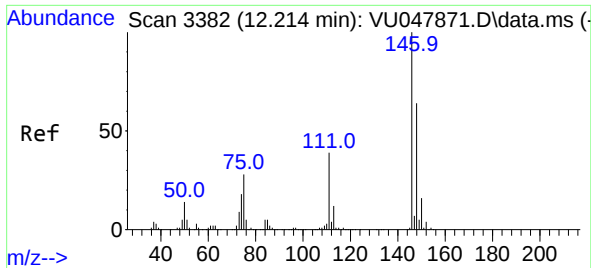
Tgt Ion:112 Resp: 1337488  
Ion Ratio Lower Upper  
112 100  
114 33.1 22.1 41.1  
77 55.1 43.4 65.0



#65  
1,4-Dichlorobenzene  
Concen: 2.559 ug/L  
RT: 11.835 min Scan# 3264  
Delta R.T. -0.003 min  
Lab File: VU047876.D  
Acq: 08 Apr 2022 18:56

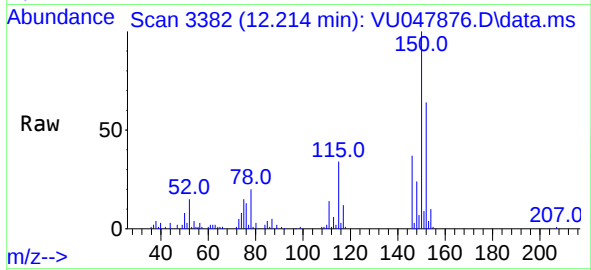
Tgt Ion:146 Resp: 12578  
Ion Ratio Lower Upper  
146 100  
111 37.8 25.3 47.1  
148 77.5 44.5 82.7





#67  
 1,2-Dichlorobenzene  
 Concen: 3.374 ug/L  
 RT: 12.214 min Scan# 31  
 Delta R.T. 0.000 min  
 Lab File: VU047876.D  
 Acq: 08 Apr 2022 18:56

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Tgt Ion:146 Resp: 16020

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 38.3  | 31.7  | 47.5  |
| 148 | 64.5  | 51.4  | 77.2  |

