

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU040922\  
 Data File : VU047879.D  
 Acq On : 08 Apr 2022 20:05  
 Operator : SY/MD  
 Sample : N2343-09  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0J07

Quant Time: Apr 09 02:07:04 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

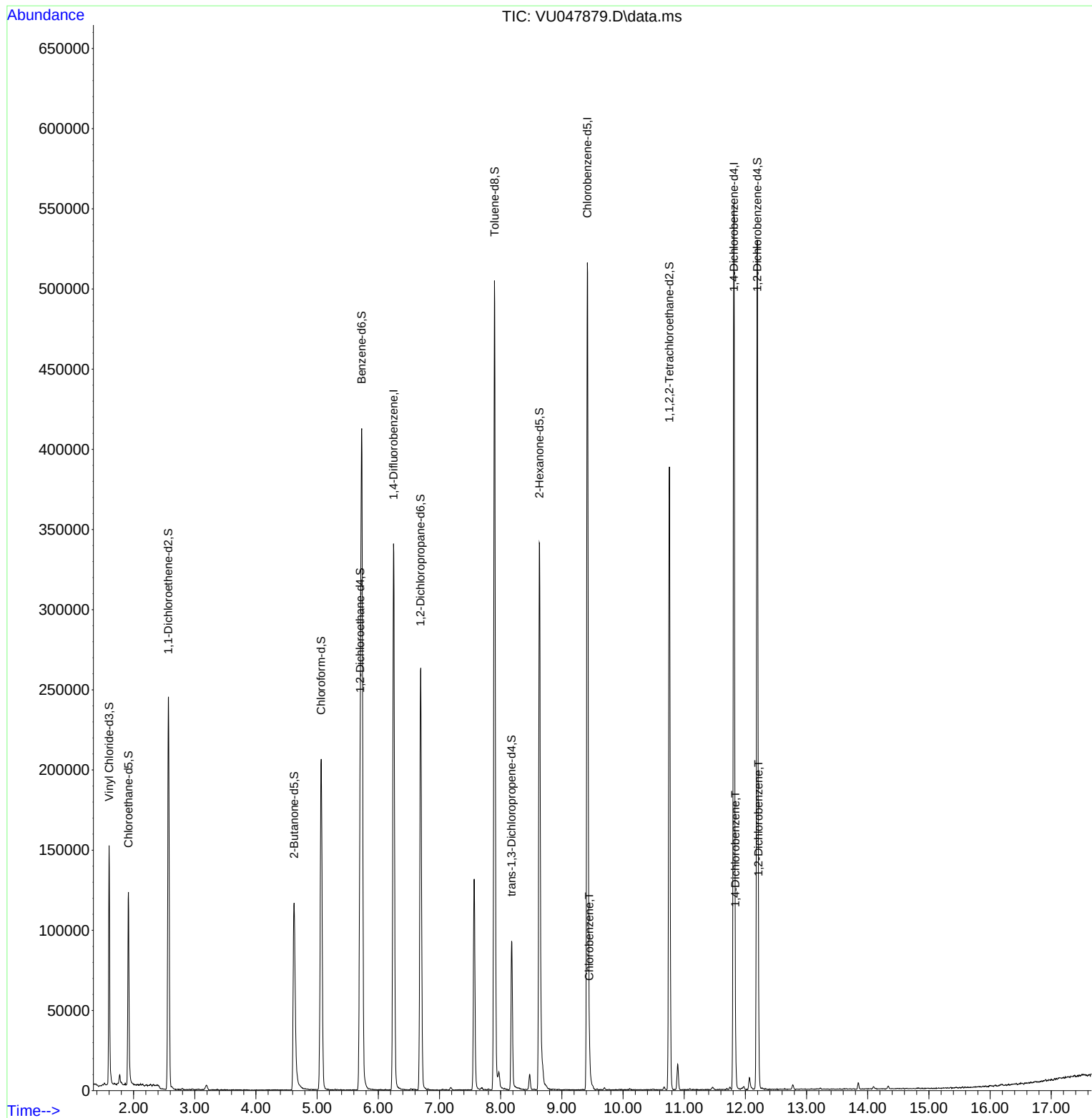
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.250   | 114   | 291096   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417   | 117   | 309590   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812  | 152   | 158053   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.600   | 65    | 109807   | 52.018   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 104.040% |
| 7) Chloroethane-d5            | 1.916   | 69    | 94169    | 56.576   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 113.160% |
| 11) 1,1-Dichloroethene-d2     | 2.568   | 63    | 139375   | 36.088   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 72.180%  |
| 21) 2-Butanone-d5             | 4.623   | 46    | 167332   | 92.354   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 92.350%  |
| 24) Chloroform-d              | 5.067   | 84    | 195033   | 50.495   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 100.980% |
| 26) 1,2-Dichloroethane-d4     | 5.703   | 65    | 124930   | 52.737   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 105.480% |
| 32) Benzene-d6                | 5.729   | 84    | 390991   | 50.190   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 100.380% |
| 36) 1,2-Dichloropropane-d6    | 6.690   | 67    | 125524   | 52.467   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 104.940% |
| 41) Toluene-d8                | 7.899   | 98    | 345546   | 45.527   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 91.060%  |
| 43) trans-1,3-Dichloroprop... | 8.179   | 79    | 52813    | 43.573   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 87.140%  |
| 47) 2-Hexanone-d5             | 8.632   | 63    | 117860   | 84.154   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 84.150%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758  | 84    | 190422   | 46.379   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 92.760%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.195  | 152   | 147055   | 52.297   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 104.600% |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 51) Chlorobenzene             | 9.449   | 112   | 9997     | 1.497    | ug/L   | 99       |
| 65) 1,4-Dichlorobenzene       | 11.835  | 146   | 6028     | 1.226    | ug/L # | 77       |
| 67) 1,2-Dichlorobenzene       | 12.214  | 146   | 5703     | 1.200    | ug/L # | 93       |
| -----                         |         |       |          |          |        |          |

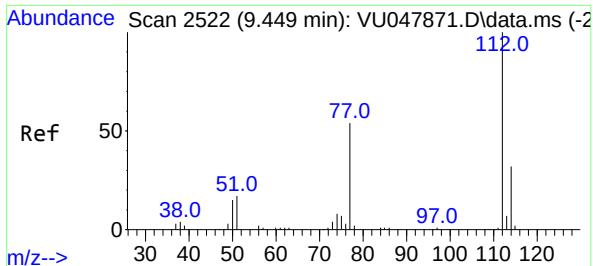
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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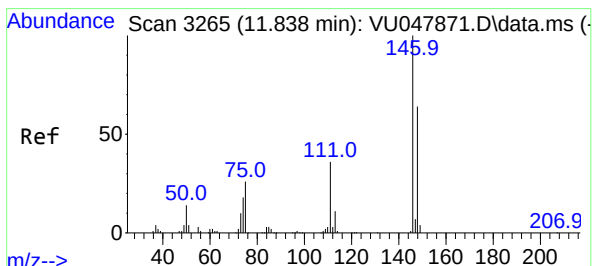
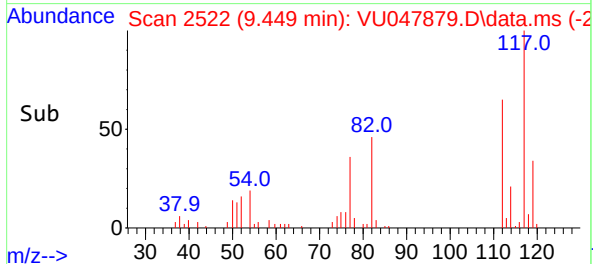
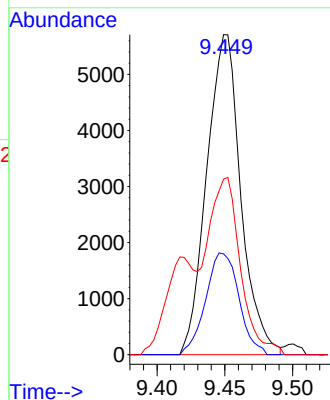
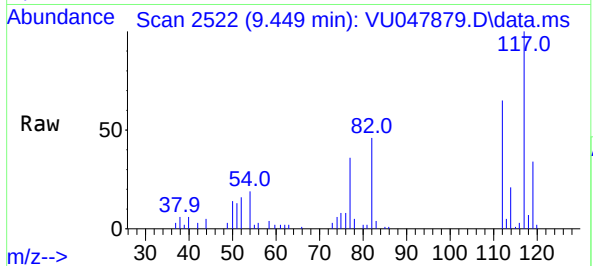




#51  
Chlorobenzene  
Concen: 1.497 ug/L  
RT: 9.449 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VU047879.D  
Acq: 08 Apr 2022 20:05

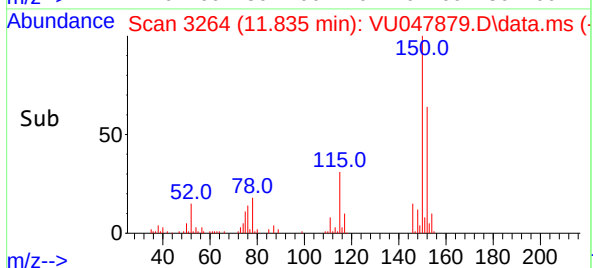
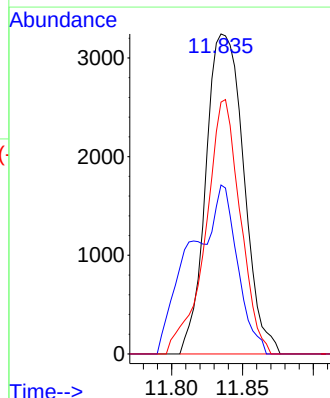
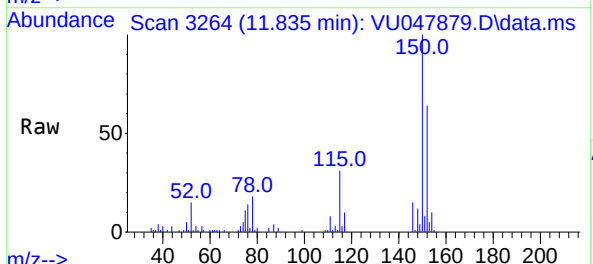
Instrument :  
MSVOA\_U  
ClientSampleId :  
C0J07

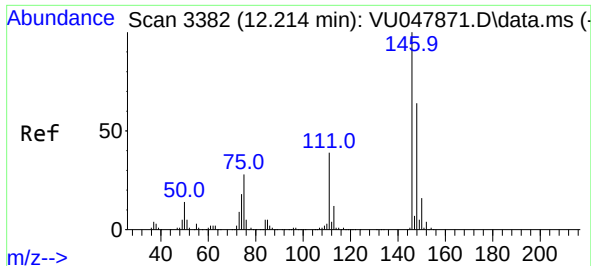
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 9997  |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 114      | 31.5  | 22.1  | 41.1  |
| 77       | 54.8  | 43.4  | 65.0  |



#65  
1,4-Dichlorobenzene  
Concen: 1.226 ug/L  
RT: 11.835 min Scan# 3264  
Delta R.T. -0.003 min  
Lab File: VU047879.D  
Acq: 08 Apr 2022 20:05

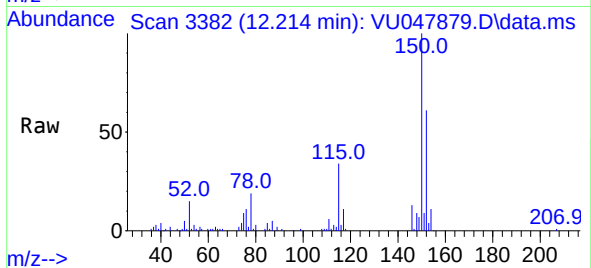
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 6028  |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 52.8  | 25.3  | 47.1# |
| 148      | 78.7  | 44.5  | 82.7  |





#67  
 1,2-Dichlorobenzene  
 Concen: 1.200 ug/L  
 RT: 12.214 min Scan# 31  
 Delta R.T. -0.000 min  
 Lab File: VU047879.D  
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Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0J07



Tgt Ion:146 Resp: 5703  
 Ion Ratio Lower Upper  
 146 100  
 111 49.8 31.7 47.5#  
 148 63.6 51.4 77.2

