

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU120722\  
 Data File : VU052219.D  
 Acq On : 08 Dec 2022 00:49  
 Operator : JC/MD  
 Sample : N5918-01  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0EF1

Quant Time: Dec 08 04:33:56 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111822WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Dec 08 04:19:43 2022  
 Response via : Initial Calibration

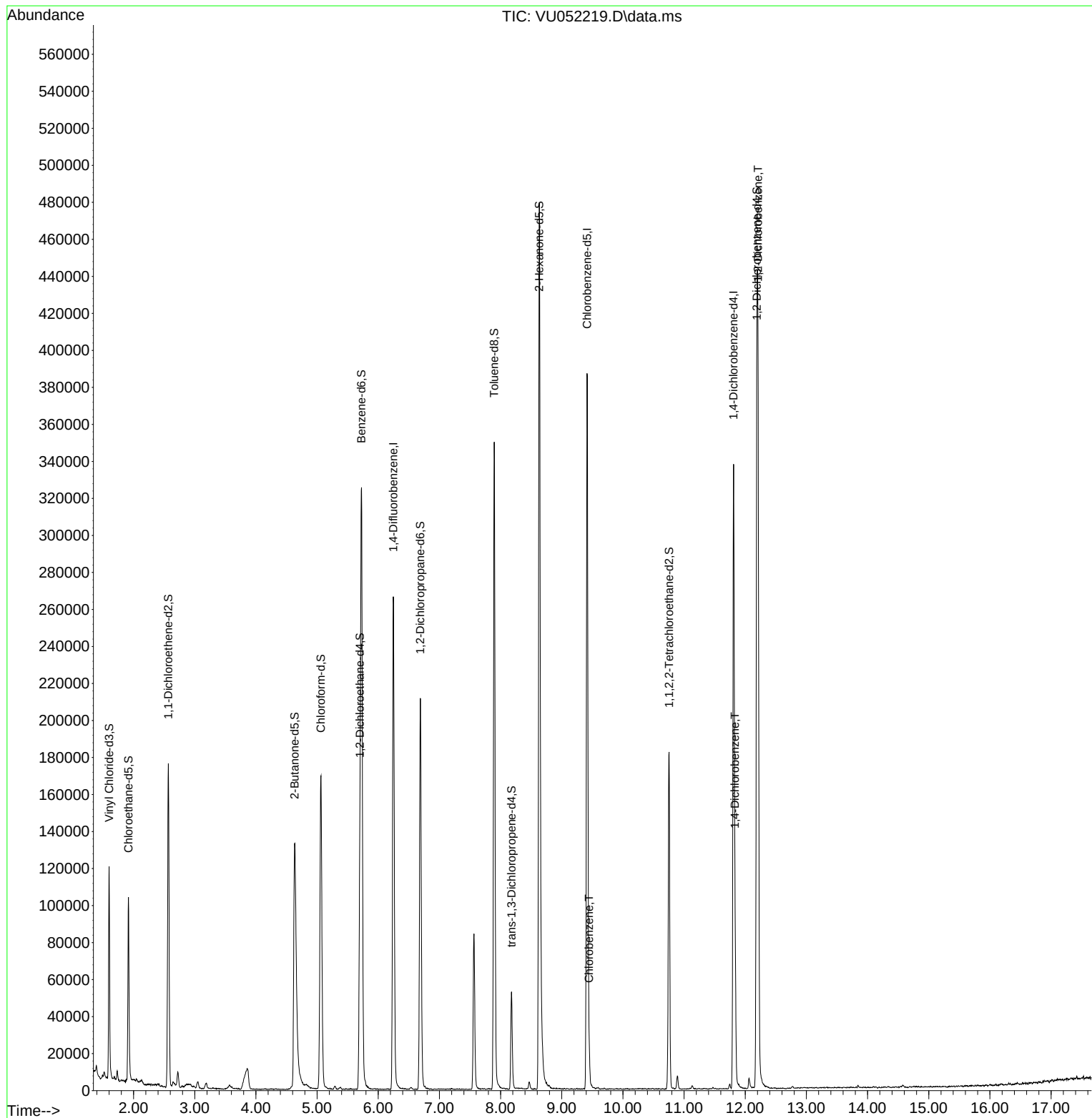
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.247  | 114            | 222665   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.414  | 117            | 226694   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809 | 152            | 93840    | 5.000  | ug/L     | 0.00     |
|                               |        |                |          |        |          |          |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.601  | 65             | 86573    | 3.997  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 80.000%  |          |
| 7) Chloroethane-d5            | 1.916  | 69             | 76893    | 4.571  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 91.400%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.568  | 65             | 33679    | 4.338  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 86.800%  |          |
| 20) 2-Butanone-d5             | 4.633  | 46             | 226844   | 57.781 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 115.560% |          |
| 24) Chloroform-d              | 5.060  | 84             | 162118   | 5.094  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 101.800% |          |
| 26) 1,2-Dichloroethane-d4     | 5.700  | 65             | 83536    | 5.197  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 104.000% |          |
| 32) Benzene-d6                | 5.726  | 84             | 320766   | 4.766  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 95.400%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.687  | 67             | 108057   | 5.188  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 103.800% |          |
| 41) Toluene-d8                | 7.896  | 98             | 245861   | 4.038  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 80.800%  |          |
| 43) trans-1,3-Dichloroprop... | 8.179  | 79             | 31414    | 4.139  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 82.800%  |          |
| 46) 2-Hexanone-d5             | 8.632  | 63             | 167868   | 52.189 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 104.380% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.755 | 84             | 93756    | 5.192  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 103.800% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.189 | 152            | 94244    | 5.246  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 105.000% |          |
|                               |        |                |          |        |          |          |
| Target Compounds              |        |                |          |        |          | Qvalue   |
| 51) Chlorobenzene             | 9.446  | 112            | 9433     | 0.195  | ug/L     | 93       |
| 65) 1,4-Dichlorobenzene       | 11.832 | 146            | 33561    | 1.118  | ug/L     | 96       |
| 67) 1,2-Dichlorobenzene       | 12.208 | 146            | 143088   | 4.937  | ug/L     | 99       |
| -----                         |        |                |          |        |          |          |

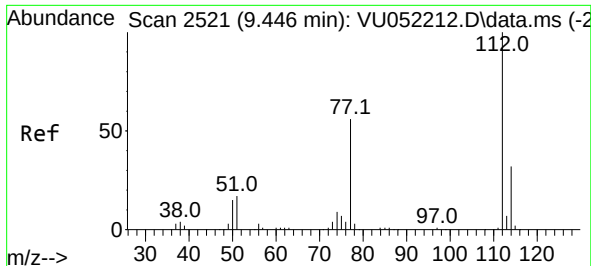
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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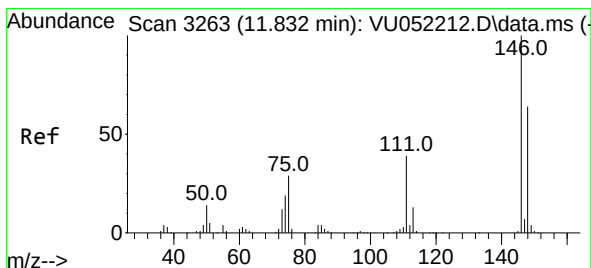
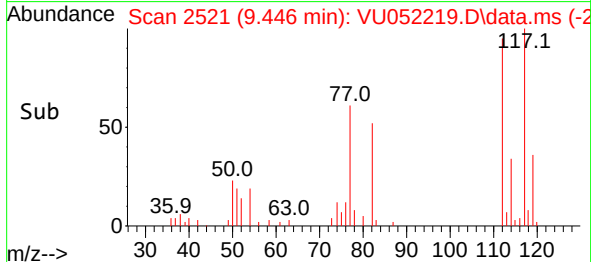
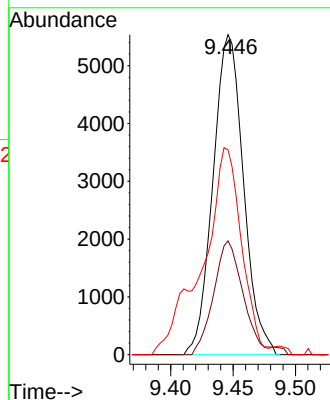
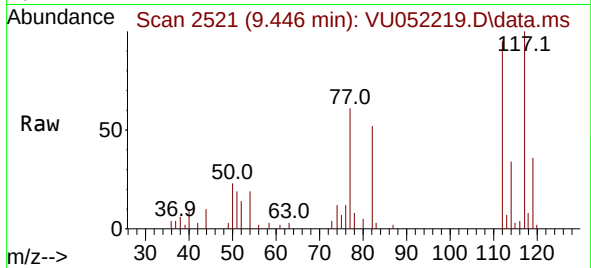




#51  
Chlorobenzene  
Concen: 0.195 ug/L  
RT: 9.446 min Scan# 2521  
Delta R.T. 0.000 min  
Lab File: VU052219.D  
Acq: 08 Dec 2022 00:49

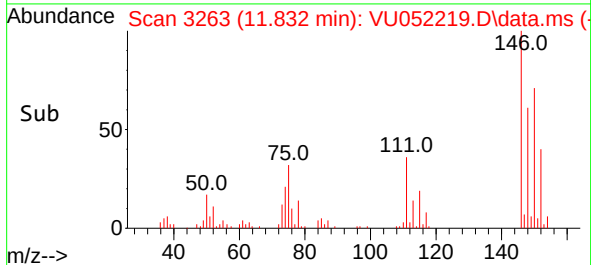
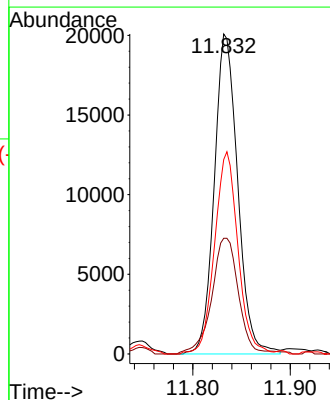
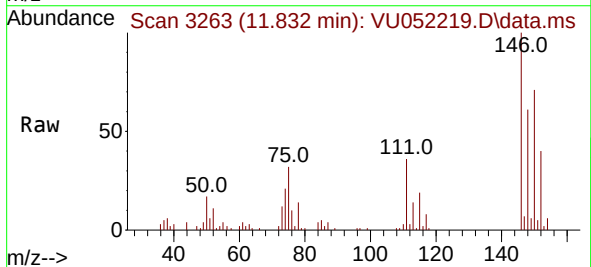
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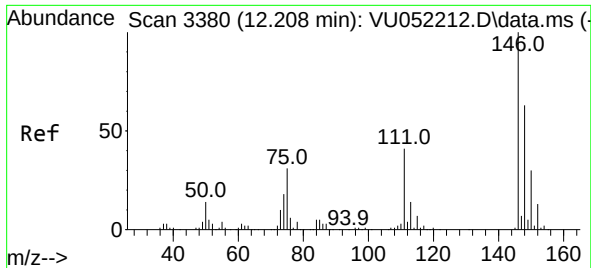
Tgt Ion:112 Resp: 9433  
Ion Ratio Lower Upper  
112 100  
114 35.5 22.2 41.2  
77 64.0 46.6 70.0



#65  
1,4-Dichlorobenzene  
Concen: 1.118 ug/L  
RT: 11.832 min Scan# 3263  
Delta R.T. 0.000 min  
Lab File: VU052219.D  
Acq: 08 Dec 2022 00:49

Tgt Ion:146 Resp: 33561  
Ion Ratio Lower Upper  
146 100  
111 36.2 26.9 50.1  
148 60.8 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 4.937 ug/L

RT: 12.208 min Scan# 31

Delta R.T. 0.000 min

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Instrument :

MSVOA\_U

ClientSampleId :

C0EF1

Tgt Ion:146 Resp: 143088

Ion Ratio Lower Upper

146 100

111 41.5 32.7 49.1

148 63.4 50.6 75.8

