

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU100722\  
 Data File : VU051231.D  
 Acq On : 07 Oct 2022 20:37  
 Operator : JC/MD  
 Sample : N4872-12DL 200X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EXFX6DL

Quant Time: Oct 08 04:28:54 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR100722WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Oct 08 00:50:53 2022  
 Response via : Initial Calibration

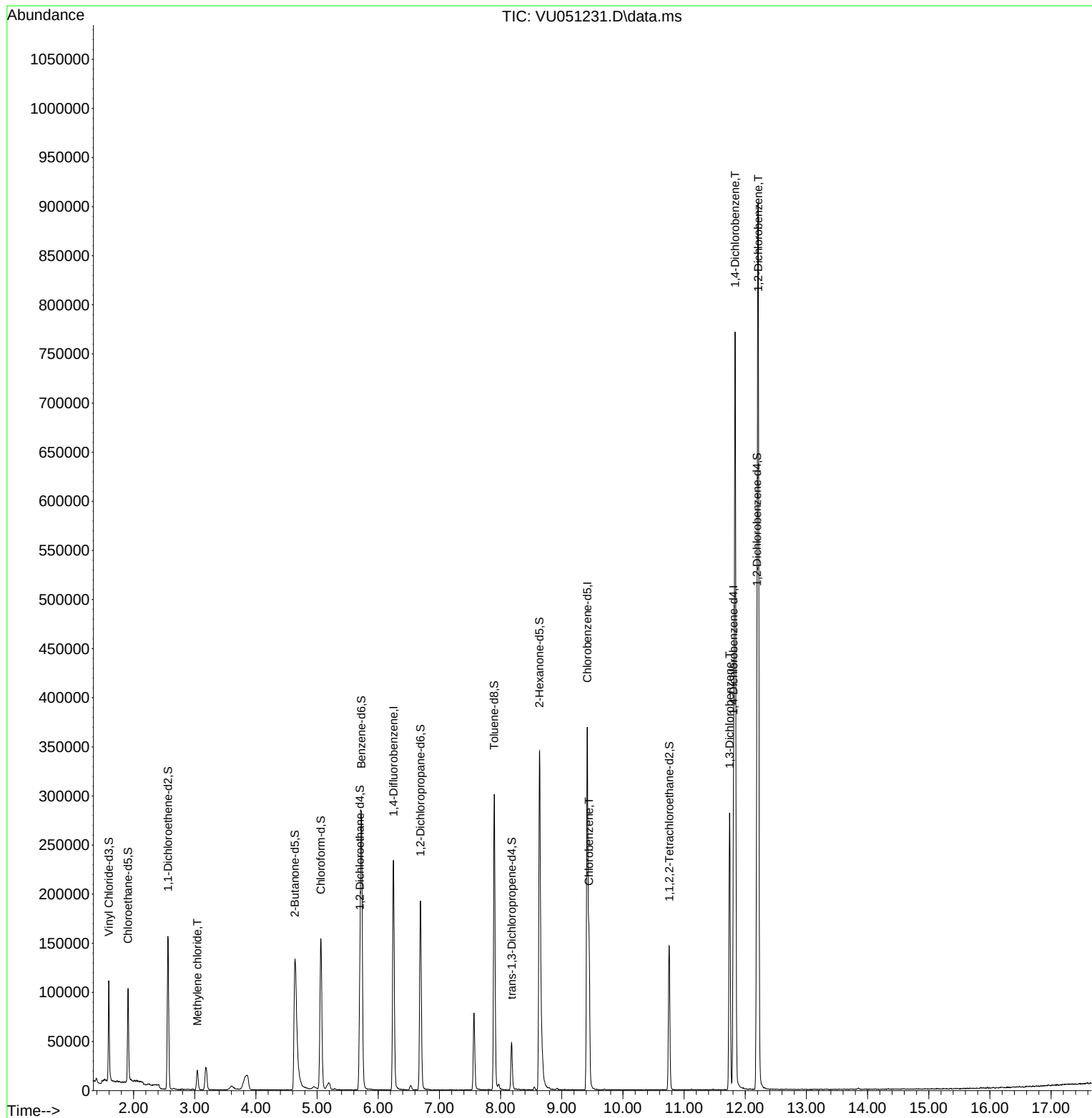
| Compound                      |        | R.T.   | QIon     | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|--------|----------|----------|--------|----------|----------|
| -----                         |        |        |          |          |        |          |          |
| Internal Standards            |        |        |          |          |        |          |          |
| 1) 1,4-Difluorobenzene        |        | 6.250  | 114      | 186996   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          |        | 9.417  | 117      | 203282   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    |        | 11.809 | 152      | 78678    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |        |          |          |        |          |          |
| 4) Vinyl Chloride-d3          |        | 1.594  | 65       | 76400    | 5.065  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 40 - 130 | Recovery | =      | 101.400% |          |
| 7) Chloroethane-d5            |        | 1.909  | 69       | 68068    | 5.252  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 65 - 130 | Recovery | =      | 105.000% |          |
| 11) 1,1-Dichloroethene-d2     |        | 2.562  | 65       | 28977    | 4.860  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 60 - 125 | Recovery | =      | 97.200%  |          |
| 20) 2-Butanone-d5             |        | 4.636  | 46       | 182328   | 54.902 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range  | 40 - 130 | Recovery | =      | 109.800% |          |
| 24) Chloroform-d              |        | 5.060  | 84       | 145416   | 5.171  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 70 - 125 | Recovery | =      | 103.400% |          |
| 26) 1,2-Dichloroethane-d4     |        | 5.700  | 65       | 76287    | 5.260  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 70 - 130 | Recovery | =      | 105.200% |          |
| 32) Benzene-d6                |        | 5.726  | 84       | 265036   | 4.739  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 70 - 125 | Recovery | =      | 94.800%  |          |
| 36) 1,2-Dichloropropane-d6    |        | 6.690  | 67       | 94580    | 4.980  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 60 - 140 | Recovery | =      | 99.600%  |          |
| 41) Toluene-d8                |        | 7.896  | 98       | 206133   | 4.120  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 70 - 130 | Recovery | =      | 82.400%  |          |
| 43) trans-1,3-Dichloroprop... |        | 8.182  | 79       | 27179    | 4.356  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 55 - 130 | Recovery | =      | 87.200%  |          |
| 46) 2-Hexanone-d5             |        | 8.636  | 63       | 97021    | 46.135 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range  | 45 - 130 | Recovery | =      | 92.280%  |          |
| 56) 1,1,2,2-Tetrachloroeth... |        | 10.758 | 84       | 76238    | 5.025  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 65 - 120 | Recovery | =      | 100.600% |          |
| 66) 1,2-Dichlorobenzene-d4    |        | 12.192 | 152      | 75958    | 5.554  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 80 - 120 | Recovery | =      | 111.000% |          |
| Target Compounds              |        |        |          |          |        |          |          |
| 16) Methylene chloride        |        | 3.041  | 84       | 9632     | 0.478  | ug/L     | 96       |
| 51) Chlorobenzene             |        | 9.446  | 112      | 80778    | 1.877  | ug/L     | 99       |
| 64) 1,3-Dichlorobenzene       |        | 11.745 | 146      | 111904   | 4.540  | ug/L     | 99       |
| 65) 1,4-Dichlorobenzene       |        | 11.835 | 146      | 297176   | 12.231 | ug/L     | 98       |
| 67) 1,2-Dichlorobenzene       |        | 12.211 | 146      | 340903   | 14.226 | ug/L     | 98       |
| -----                         |        |        |          |          |        |          |          |

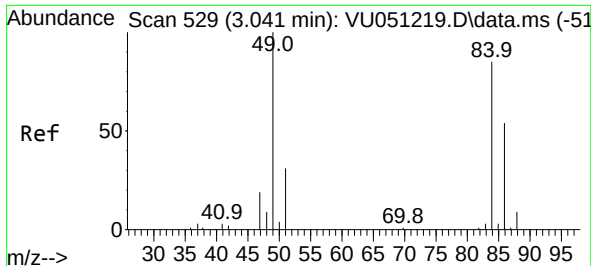
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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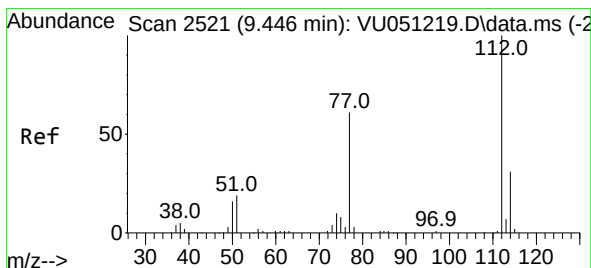
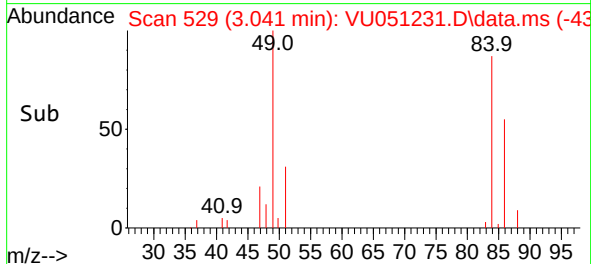
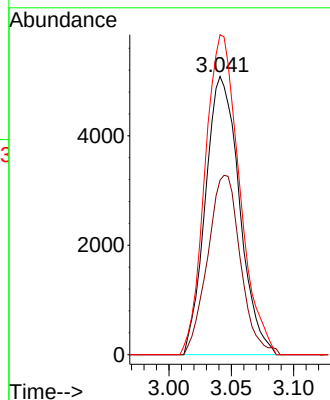
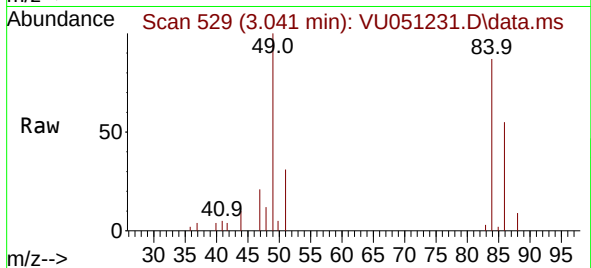




#16  
Methylene chloride  
Concen: 0.478 ug/L  
RT: 3.041 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VU051231.D  
Acq: 07 Oct 2022 20:37

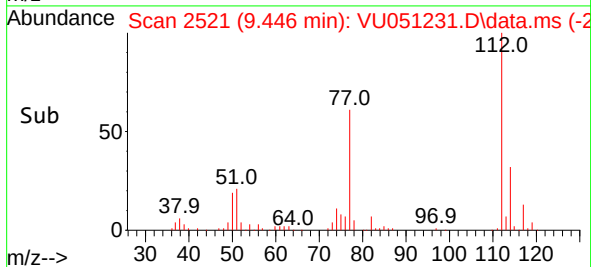
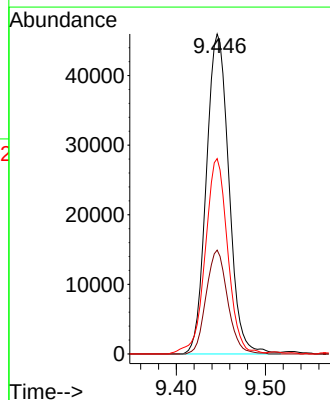
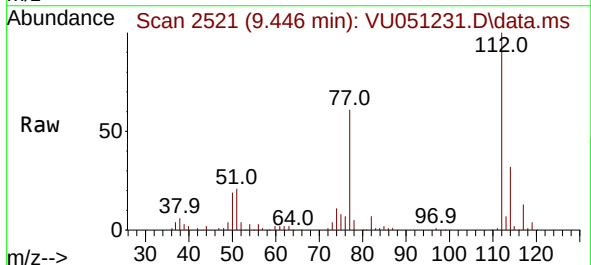
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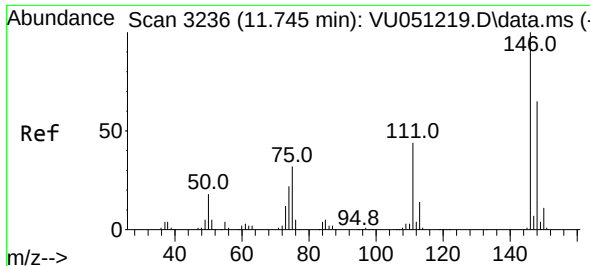
Tgt Ion: 84 Resp: 9632  
Ion Ratio Lower Upper  
84 100  
86 62.7 46.5 86.3  
49 120.8 81.3 151.1



#51  
Chlorobenzene  
Concen: 1.877 ug/L  
RT: 9.446 min Scan# 2521  
Delta R.T. 0.000 min  
Lab File: VU051231.D  
Acq: 07 Oct 2022 20:37

Tgt Ion: 112 Resp: 80778  
Ion Ratio Lower Upper  
112 100  
114 32.4 22.3 41.5  
77 61.0 48.1 72.1

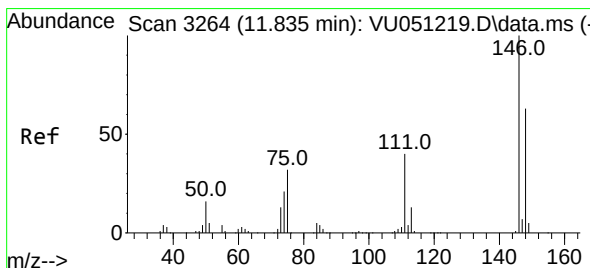
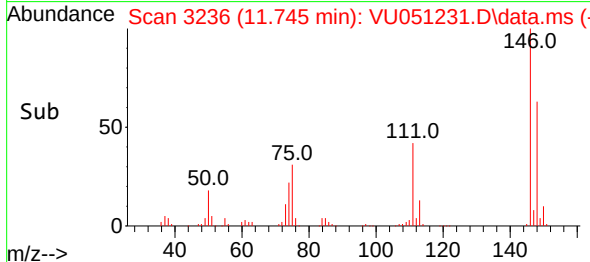
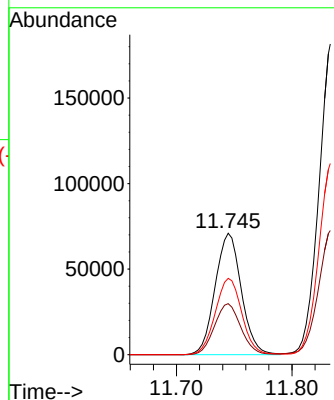
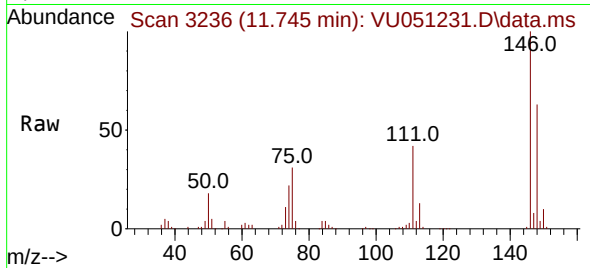




#64  
1,3-Dichlorobenzene  
Concen: 4.540 ug/L  
RT: 11.745 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VU051231.D  
Acq: 07 Oct 2022 20:37

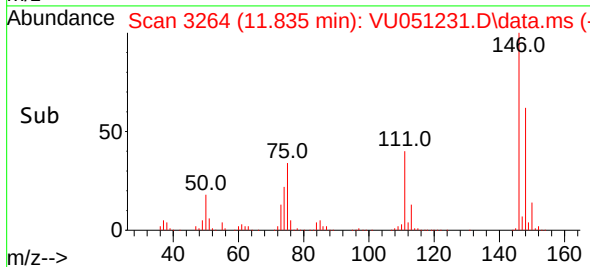
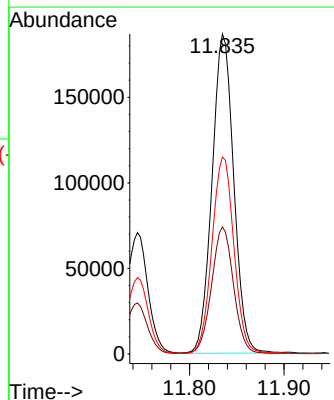
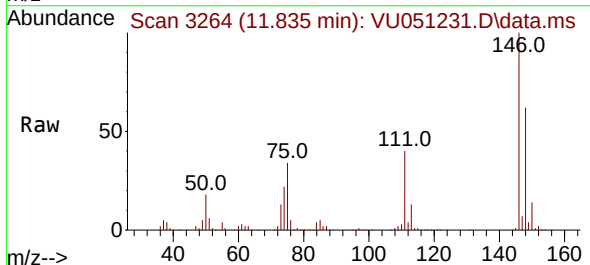
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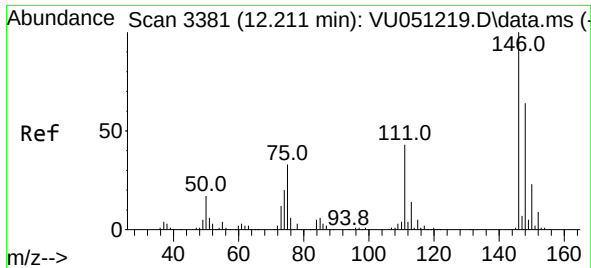
Tgt Ion:146 Resp: 111904  
Ion Ratio Lower Upper  
146 100  
111 42.0 28.3 52.7  
148 62.9 43.8 81.4



#65  
1,4-Dichlorobenzene  
Concen: 12.231 ug/L  
RT: 11.835 min Scan# 3264  
Delta R.T. 0.000 min  
Lab File: VU051231.D  
Acq: 07 Oct 2022 20:37

Tgt Ion:146 Resp: 297176  
Ion Ratio Lower Upper  
146 100  
111 39.7 29.1 54.1  
148 61.5 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 14.226 ug/L

RT: 12.211 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU051231.D

Acq: 07 Oct 2022 20:37

Instrument :

MSVOA\_U

ClientSampleId :

EXFX6DL

Tgt Ion:146 Resp: 340903

Ion Ratio Lower Upper

146 100

111 42.8 35.5 53.3

148 64.3 50.9 76.3

