

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU062224\  
 Data File : VU059419.D  
 Acq On : 21 Jun 2024 19:12  
 Operator : MD/SY  
 Sample : P2898-20  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Jun 22 01:38:57 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR061724WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Jun 22 01:35:04 2024  
 Response via : Initial Calibration

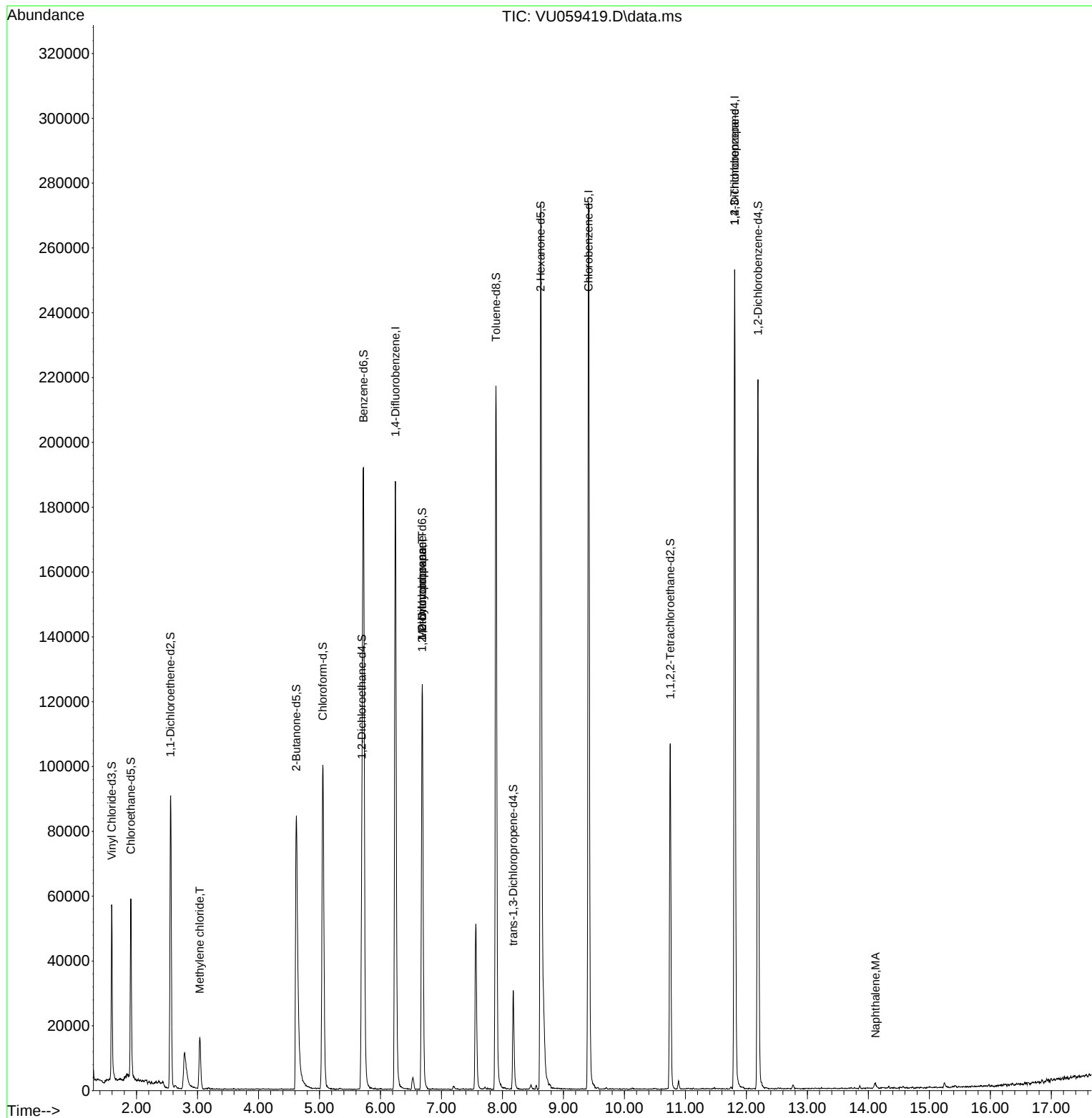
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114   | 159460   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 165089   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 74833    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.592  | 65    | 41538    | 3.746    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 75.000%  |
| 7) Chloroethane-d5            | 1.907  | 69    | 43841    | 4.109    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 82.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.557  | 65    | 17361    | 3.774    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 75.400%  |
| 20) 2-Butanone-d5             | 4.621  | 46    | 131800   | 57.706   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 115.420% |
| 24) Chloroform-d              | 5.055  | 84    | 96902    | 4.258    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 85.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 51404    | 4.689    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 93.800%  |
| 32) Benzene-d6                | 5.721  | 84    | 188472   | 4.148    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 83.000%  |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67    | 63771    | 4.580    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 91.600%  |
| 41) Toluene-d8                | 7.894  | 98    | 155691   | 3.686    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 73.800%  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 18705    | 4.291    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 85.800%  |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 97751    | 53.964   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 107.920% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84    | 56597    | 4.920    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 98.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   | 63203    | 4.745    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 95.000%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 16) Methylene chloride        | 3.036  | 84    | 8211     | 0.613    | ug/L   | 94       |
| 35) Methylcyclohexane         | 6.685  | 83    | 14669    | 0.759    | ug/L # | 18       |
| 37) 1,2-Dichloropropane       | 6.682  | 63    | 6324     | 0.487    | ug/L # | 90       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75    | 8584     | 1.241    | ug/L # | 70       |
| 71) Naphthalene               | 14.116 | 128   | 3032     | 0.159    | ug/L # | 77       |
| -----                         |        |       |          |          |        |          |

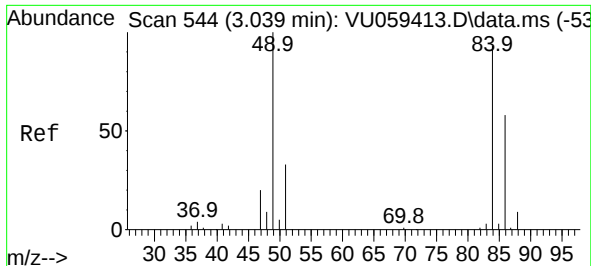
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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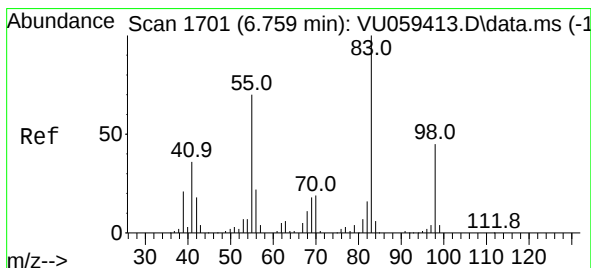
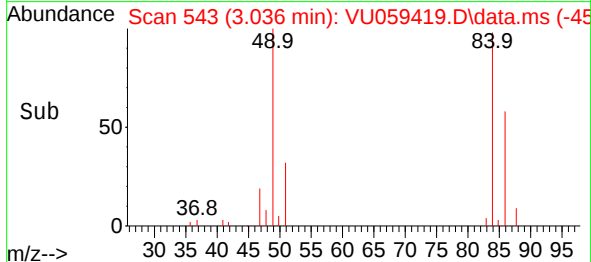
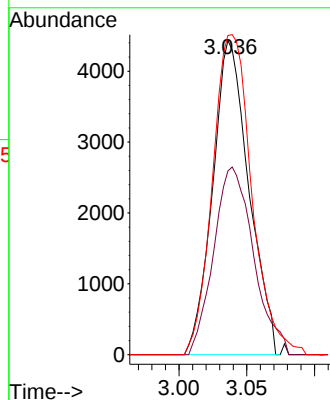
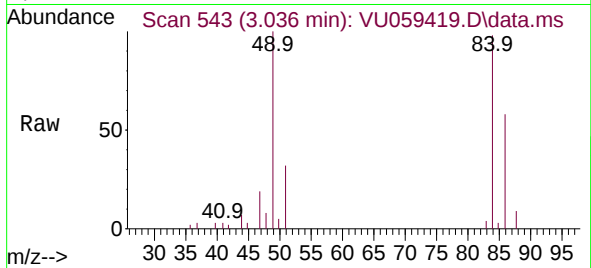




#16  
Methylene chloride  
Concen: 0.613 ug/L  
RT: 3.036 min Scan# 544  
Delta R.T. -0.003 min  
Lab File: VU059419.D  
Acq: 21 Jun 2024 19:12

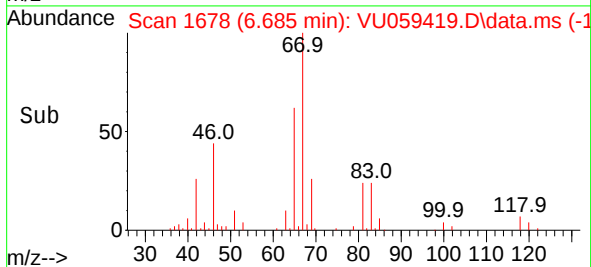
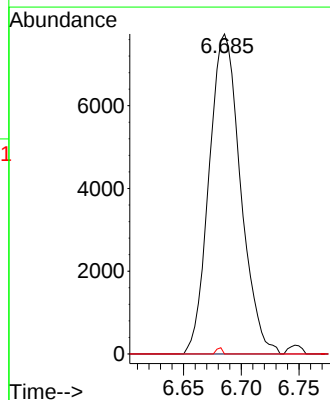
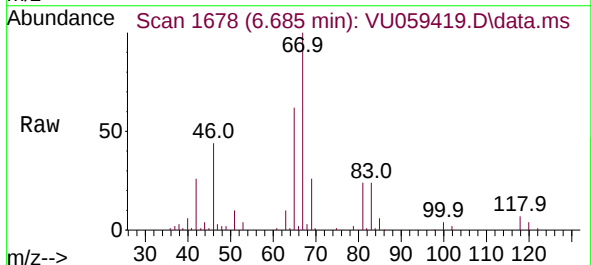
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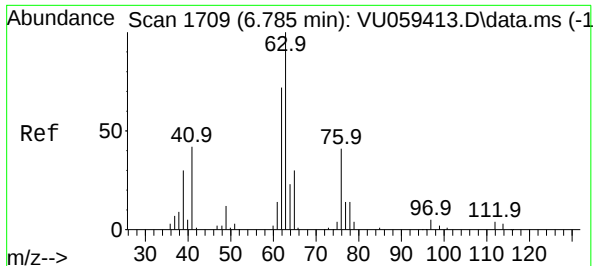
Tgt Ion: 84 Resp: 8211  
Ion Ratio Lower Upper  
84 100  
86 58.5 42.1 78.1  
49 107.2 80.6 149.8



#35  
Methylcyclohexane  
Concen: 0.759 ug/L  
RT: 6.685 min Scan# 1678  
Delta R.T. -0.074 min  
Lab File: VU059419.D  
Acq: 21 Jun 2024 19:12

Tgt Ion: 83 Resp: 14669  
Ion Ratio Lower Upper  
83 100  
55 0.0 62.7 94.1#  
98 0.3 35.4 53.0#

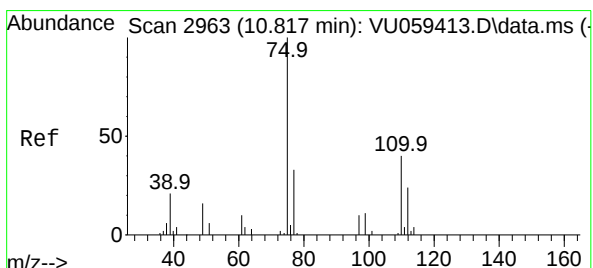
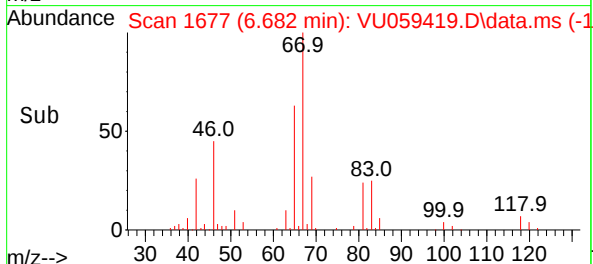
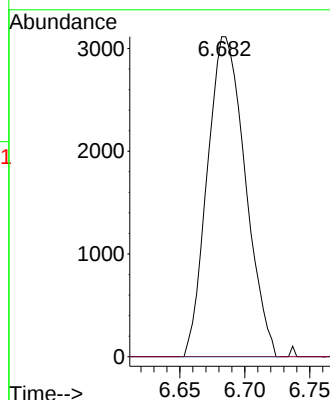
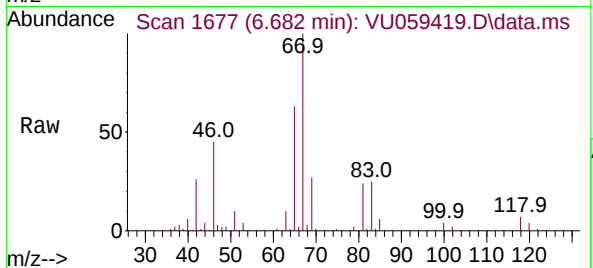




#37  
1,2-Dichloropropane  
Concen: 0.487 ug/L  
RT: 6.682 min Scan# 1  
Delta R.T. -0.103 min  
Lab File: VU059419.D  
Acq: 21 Jun 2024 19:12

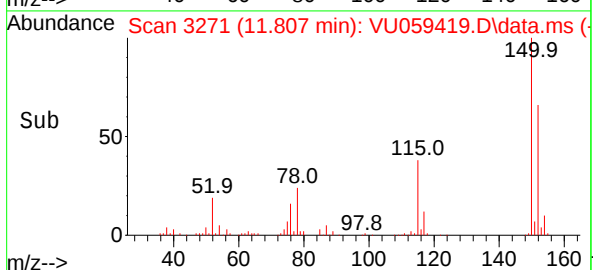
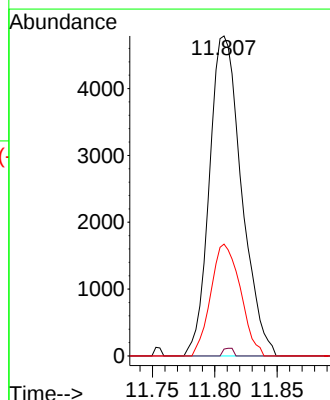
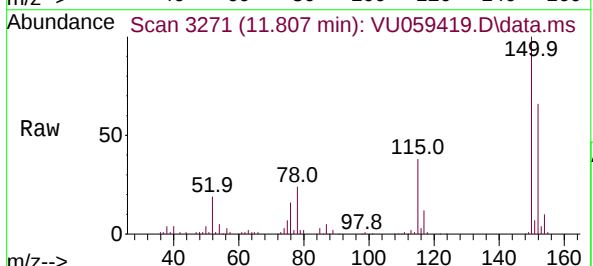
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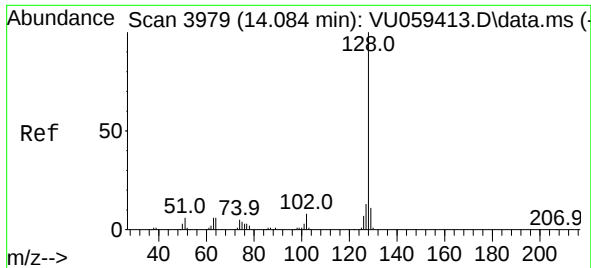
Tgt Ion: 63 Resp: 6324  
Ion Ratio Lower Upper  
63 100  
112 0.0 2.6 3.8#



#61  
1,2,3-Trichloropropane  
Concen: 1.241 ug/L  
RT: 11.807 min Scan# 3271  
Delta R.T. 0.990 min  
Lab File: VU059419.D  
Acq: 21 Jun 2024 19:12

Tgt Ion: 75 Resp: 8584  
Ion Ratio Lower Upper  
75 100  
110 0.7 27.1 40.7#  
77 32.3 25.4 38.2





#71

Naphthalene

Concen: 0.159 ug/L

RT: 14.116 min Scan# 3989

Delta R.T. 0.032 min

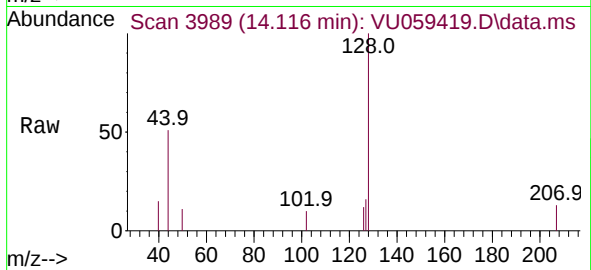
Lab File: VU059419.D

Acq: 21 Jun 2024 19:12

Instrument :

MSVOA\_U

ClientSampleId :



Tgt Ion:128 Resp: 3032

Ion Ratio Lower Upper

128 100

129 0.0 8.2 12.4#

127 5.3 10.2 15.4#

