

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU081324\  
 Data File : VU060424.D  
 Acq On : 13 Aug 2024 14:27  
 Operator : MD/SY  
 Sample : P3501-08  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Aug 14 01:21:59 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR080824WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Aug 14 01:18:59 2024  
 Response via : Initial Calibration

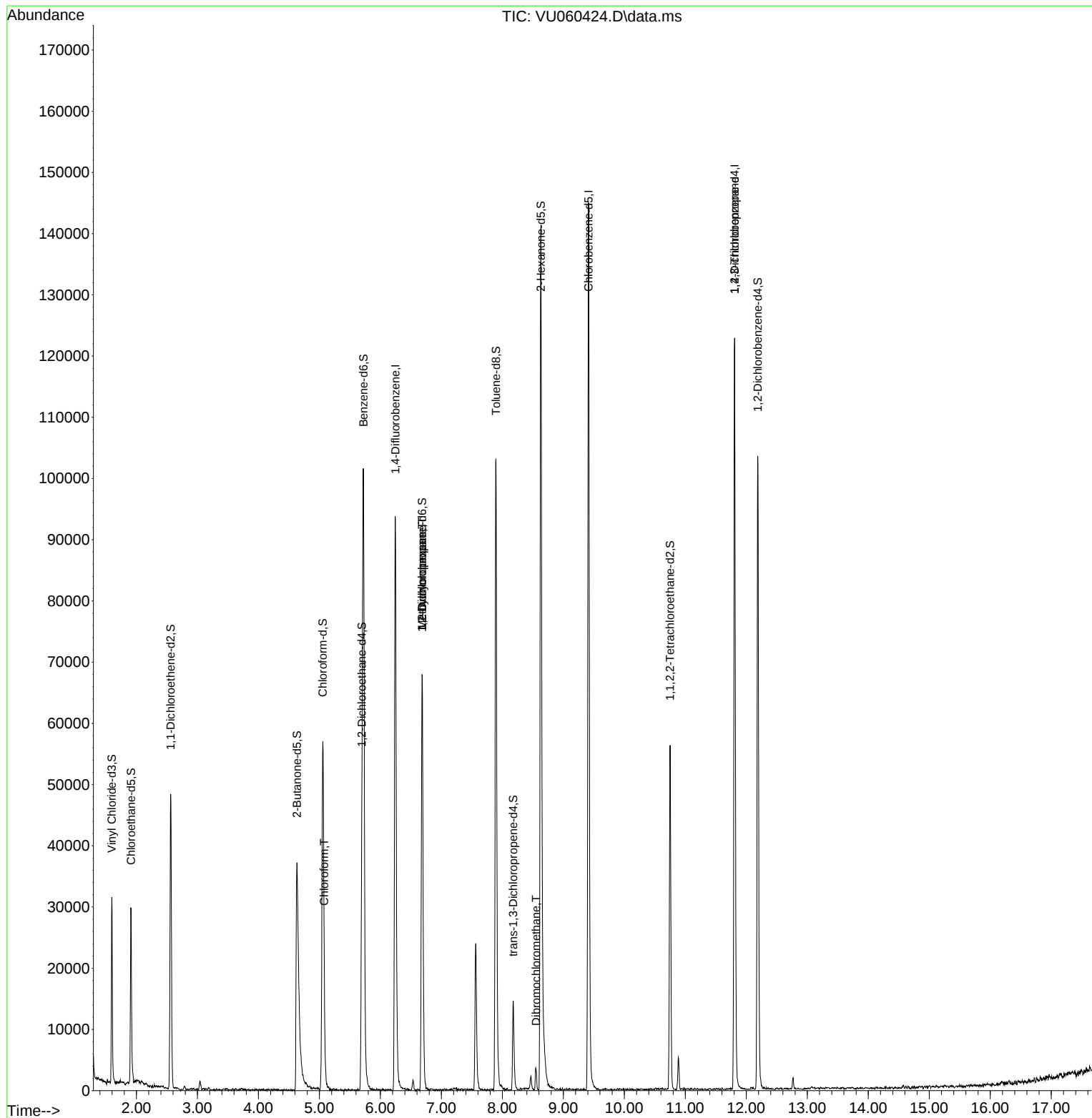
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114   | 82306    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 87600    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 37103    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 21562    | 3.337    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 66.800%  |
| 7) Chloroethane-d5            | 1.911  | 69    | 21853    | 3.751    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 75.000%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 9428     | 3.429    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 68.600%  |
| 20) 2-Butanone-d5             | 4.631  | 46    | 70314    | 51.283   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 102.560% |
| 24) Chloroform-d              | 5.055  | 84    | 55384    | 4.329    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 86.600%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 28634    | 4.827    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 96.600%  |
| 32) Benzene-d6                | 5.721  | 84    | 98089    | 3.713    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 74.200%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 35644    | 4.350    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 87.000%  |
| 41) Toluene-d8                | 7.894  | 98    | 75199    | 3.188    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 63.800%# |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 9871     | 3.726    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 74.600%  |
| 46) 2-Hexanone-d5             | 8.631  | 63    | 48612    | 41.348   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 82.700%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.750 | 84    | 29591    | 4.401    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 88.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 31023    | 4.539    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 90.800%  |
| Target Compounds              |        |       |          |          |        |          |
| 25) Chloroform                | 5.078  | 83    | 2708     | 0.226    | ug/L   | 94       |
| 35) Methylcyclohexane         | 6.682  | 83    | 8276     | 0.960    | ug/L # | 19       |
| 37) 1,2-Dichloropropane       | 6.685  | 63    | 3458     | 0.504    | ug/L # | 88       |
| 49) Dibromochloromethane      | 8.554  | 129   | 733      | 0.131    | ug/L # | 12       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75    | 4198     | 1.169    | ug/L # | 61       |

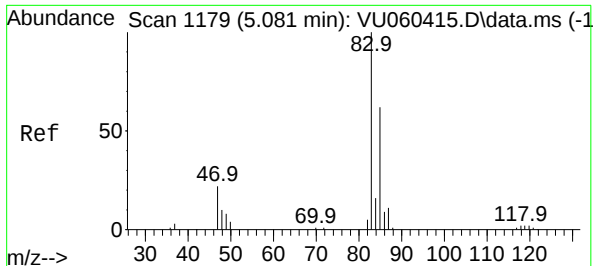
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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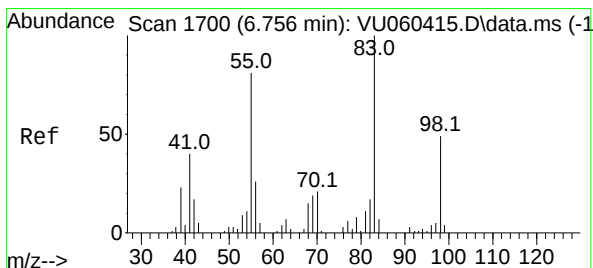
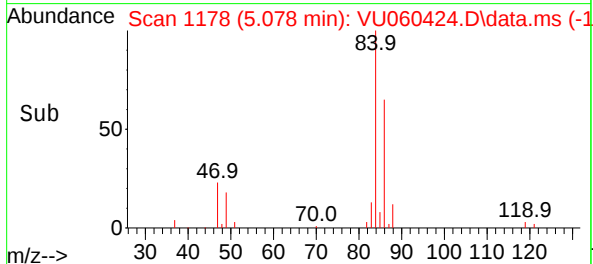
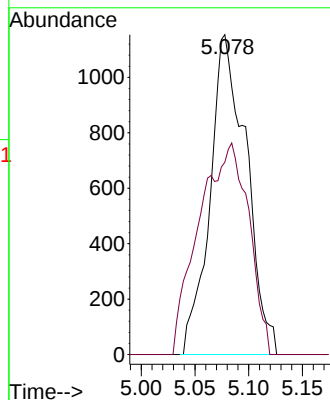
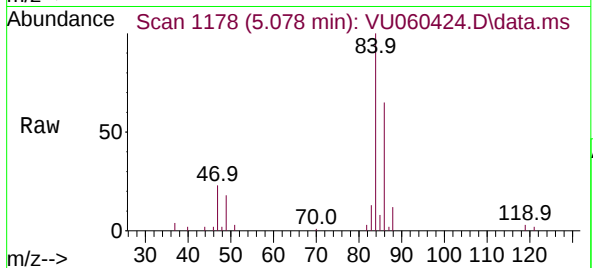




#25  
Chloroform  
Concen: 0.226 ug/L  
RT: 5.078 min Scan# 1179  
Delta R.T. -0.003 min  
Lab File: VU060424.D  
Acq: 13 Aug 2024 14:27

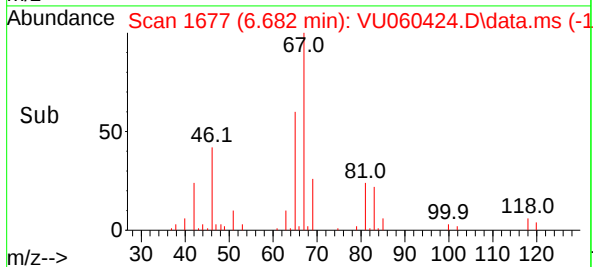
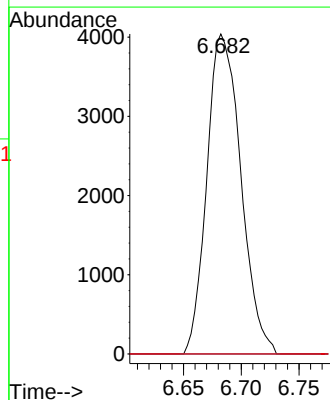
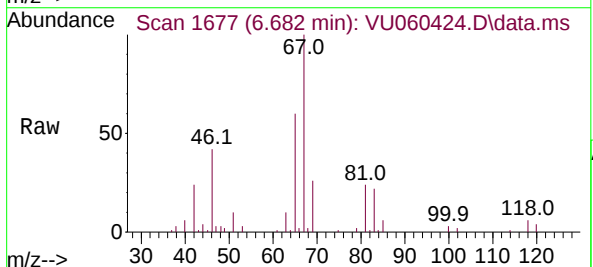
Instrument :  
MSVOA\_U  
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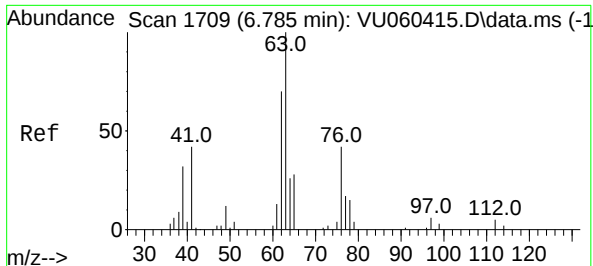
Tgt Ion: 83 Resp: 2708  
Ion Ratio Lower Upper  
83 100  
85 60.1 45.6 84.6



#35  
Methylcyclohexane  
Concen: 0.960 ug/L  
RT: 6.682 min Scan# 1677  
Delta R.T. -0.074 min  
Lab File: VU060424.D  
Acq: 13 Aug 2024 14:27

Tgt Ion: 83 Resp: 8276  
Ion Ratio Lower Upper  
83 100  
55 0.0 62.4 93.6#  
98 2.5 37.3 55.9#

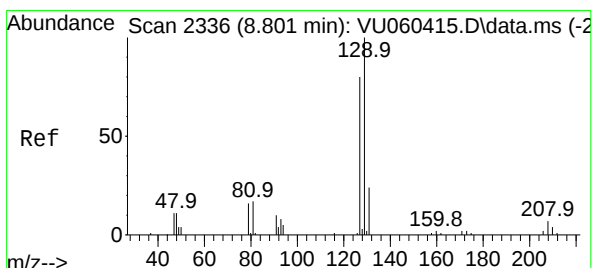
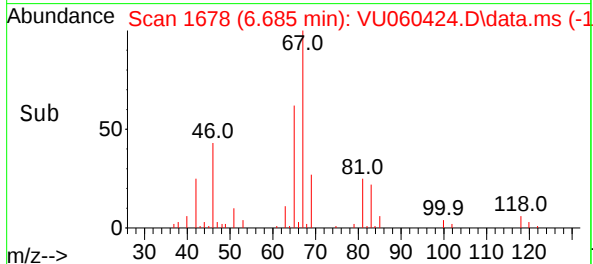
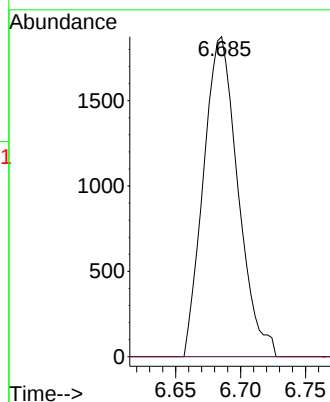
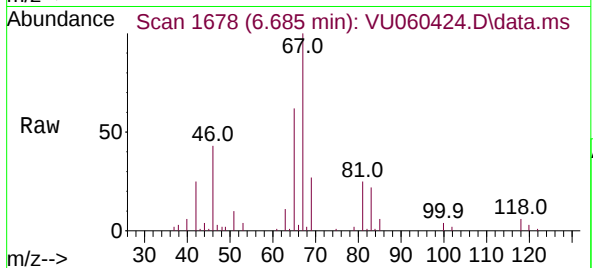




#37  
1,2-Dichloropropane  
Concen: 0.504 ug/L  
RT: 6.685 min Scan# 1  
Delta R.T. -0.099 min  
Lab File: VU060424.D  
Acq: 13 Aug 2024 14:27

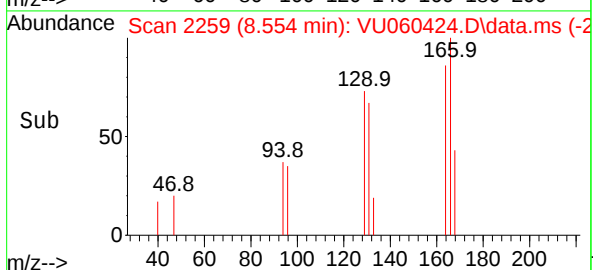
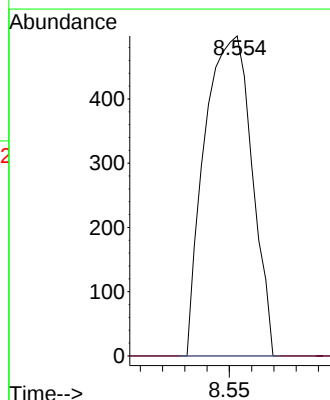
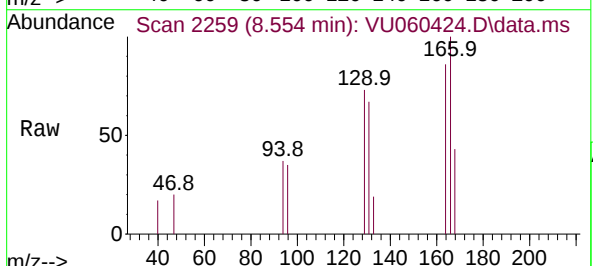
Instrument :  
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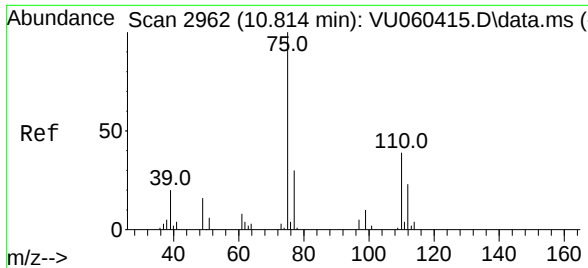
Tgt Ion: 63 Resp: 3458  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.3 4.9#



#49  
Dibromochloromethane  
Concen: 0.131 ug/L  
RT: 8.554 min Scan# 2259  
Delta R.T. -0.247 min  
Lab File: VU060424.D  
Acq: 13 Aug 2024 14:27

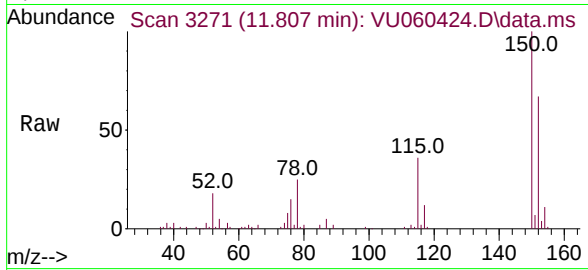
Tgt Ion: 129 Resp: 733  
Ion Ratio Lower Upper  
129 100  
127 0.0 51.9 96.3#





#61  
1,2,3-Trichloropropane  
Concen: 1.169 ug/L  
RT: 11.807 min Scan# 31  
Delta R.T. 0.994 min  
Lab File: VU060424.D  
Acq: 13 Aug 2024 14:27

Instrument :  
MSVOA\_U  
ClientSampleId :



Tgt Ion: 75 Resp: 4198  
Ion Ratio Lower Upper  
75 100  
110 0.0 29.9 44.9#  
77 25.8 27.0 40.6#

