

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041124\  
 Data File : VU058606.D  
 Acq On : 11 Apr 2024 14:26  
 Operator : MD/SY  
 Sample : P1948-20 200X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AL5

Quant Time: Apr 12 02:27:25 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR040424WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Apr 12 02:25:12 2024  
 Response via : Initial Calibration

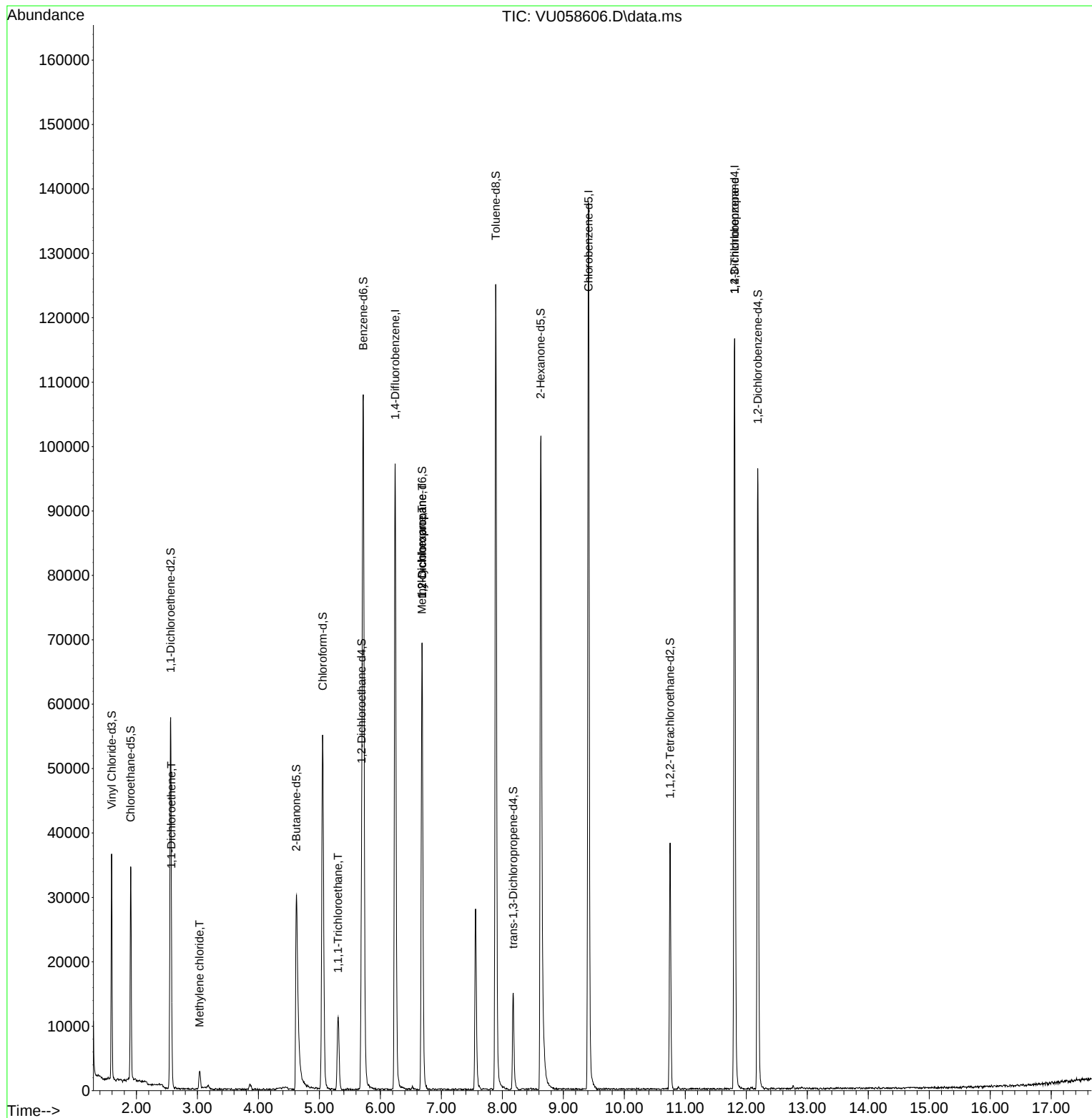
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 74955    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 73654    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 30675    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.592  | 65    | 23628    | 4.761    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 95.200%  |
| 7) Chloroethane-d5            | 1.904  | 69    | 22273    | 5.165    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 103.200% |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 11137    | 4.958    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 99.200%  |
| 20) 2-Butanone-d5             | 4.621  | 46    | 51782    | 49.515   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 99.020%  |
| 24) Chloroform-d              | 5.052  | 84    | 50851    | 5.133    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 102.600% |
| 26) 1,2-Dichloroethane-d4     | 5.692  | 65    | 24776    | 5.359    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 107.200% |
| 32) Benzene-d6                | 5.718  | 84    | 98654    | 4.975    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 99.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 31864    | 5.124    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 102.400% |
| 41) Toluene-d8                | 7.891  | 98    | 83251    | 4.734    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 94.600%  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 9213     | 4.773    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 95.400%  |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 35314    | 44.354   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 88.700%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.750 | 84    | 19687    | 4.484    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 89.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 25103    | 4.859    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 97.200%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 12) 1,1-Dichloroethene        | 2.573  | 96    | 1238     | 0.233    | ug/L # | 1        |
| 16) Methylene chloride        | 3.033  | 84    | 1231     | 0.175    | ug/L   | 84       |
| 29) 1,1,1-Trichloroethane     | 5.306  | 97    | 8069     | 0.817    | ug/L   | 93       |
| 35) Methylcyclohexane         | 6.679  | 83    | 6982     | 0.689    | ug/L # | 16       |
| 37) 1,2-Dichloropropane       | 6.682  | 63    | 3547     | 0.505    | ug/L # | 90       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75    | 4370     | 1.396    | ug/L # | 69       |
| -----                         |        |       |          |          |        |          |

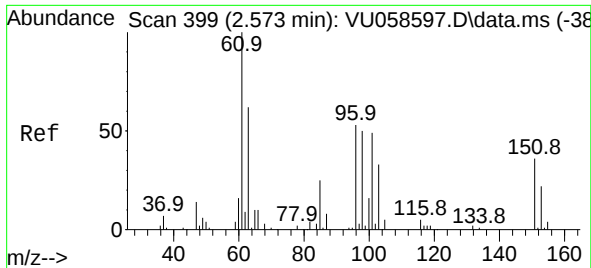
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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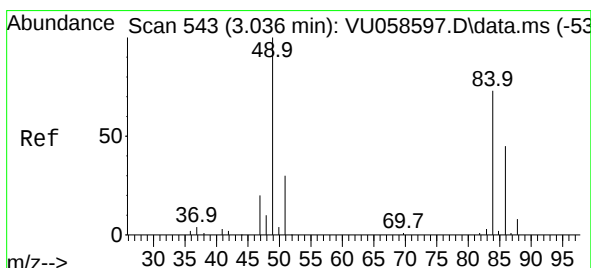
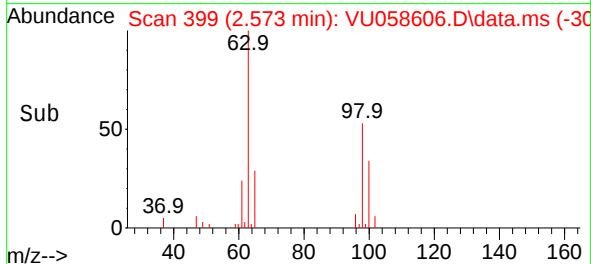
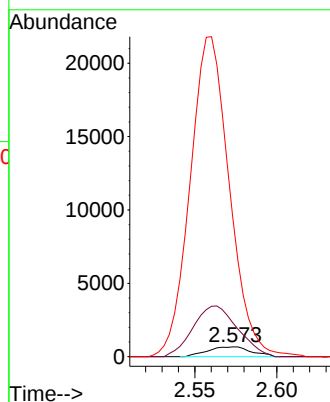
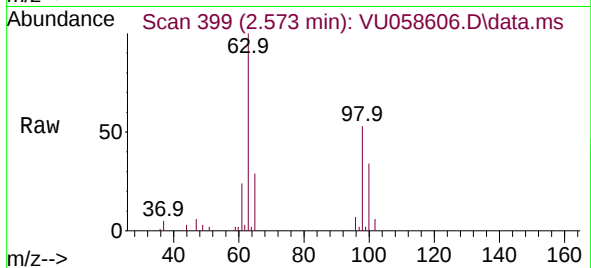




#12  
1,1-Dichloroethene  
Concen: 0.233 ug/L  
RT: 2.573 min Scan# 399  
Delta R.T. 0.000 min  
Lab File: VU058606.D  
Acq: 11 Apr 2024 14:26

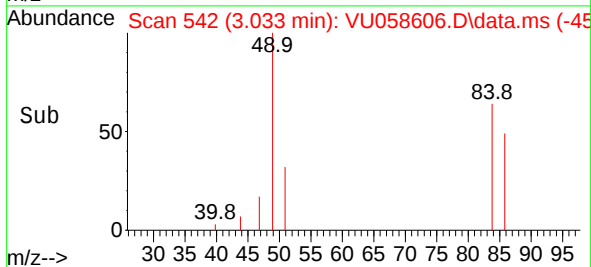
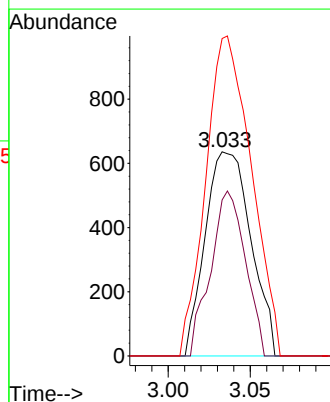
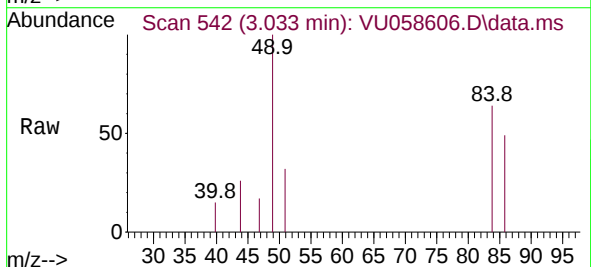
Instrument :  
MSVOA\_U  
ClientSampleId :  
COAL5

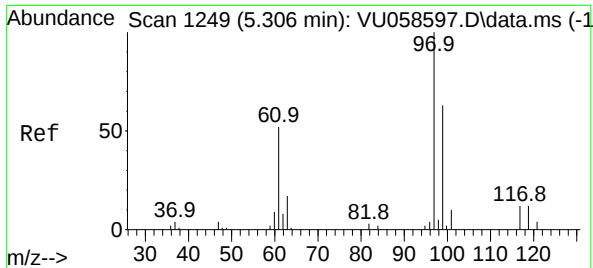
Tgt Ion: 96 Resp: 1238  
Ion Ratio Lower Upper  
96 100  
61 346.9 132.5 246.1#  
63 1423.7 87.7 162.9#



#16  
Methylene chloride  
Concen: 0.175 ug/L  
RT: 3.033 min Scan# 542  
Delta R.T. -0.003 min  
Lab File: VU058606.D  
Acq: 11 Apr 2024 14:26

Tgt Ion: 84 Resp: 1231  
Ion Ratio Lower Upper  
84 100  
86 76.4 44.3 82.3  
49 155.5 96.0 178.2

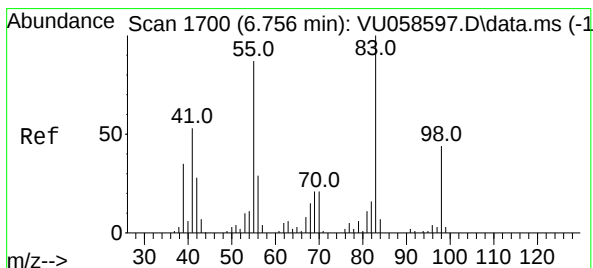
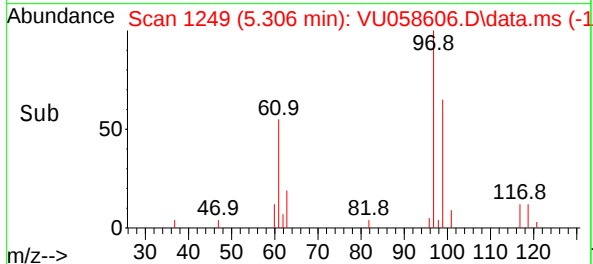
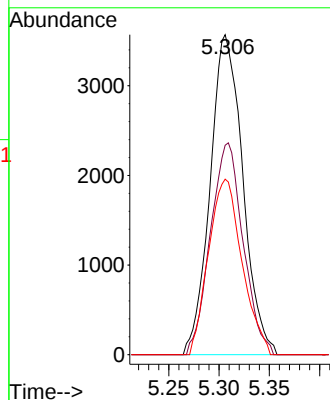
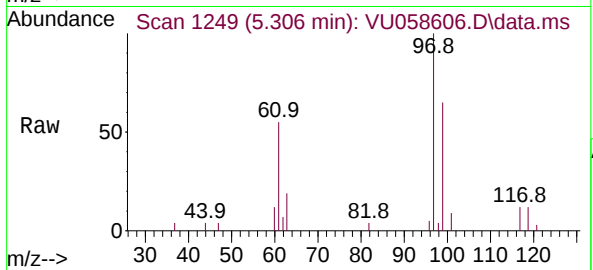




#29  
1,1,1-Trichloroethane  
Concen: 0.817 ug/L  
RT: 5.306 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VU058606.D  
Acq: 11 Apr 2024 14:26

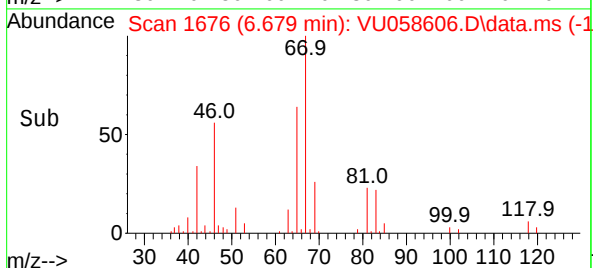
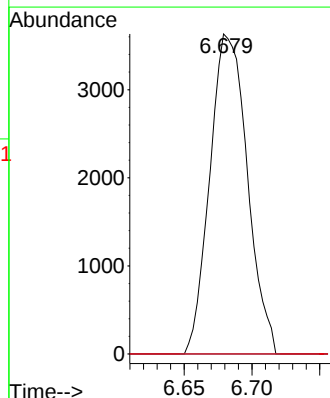
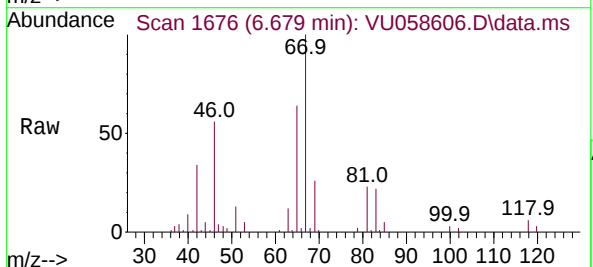
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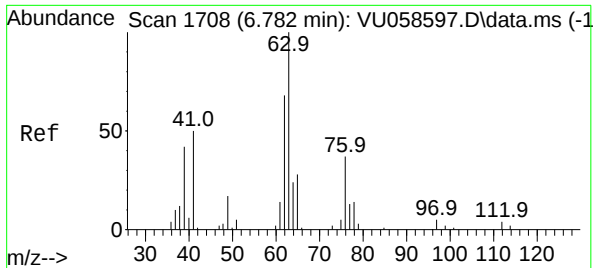
Tgt Ion: 97 Resp: 8069  
Ion Ratio Lower Upper  
97 100  
99 66.3 50.4 75.6  
61 56.2 39.4 59.0



#35  
Methylcyclohexane  
Concen: 0.689 ug/L  
RT: 6.679 min Scan# 1676  
Delta R.T. -0.077 min  
Lab File: VU058606.D  
Acq: 11 Apr 2024 14:26

Tgt Ion: 83 Resp: 6982  
Ion Ratio Lower Upper  
83 100  
55 0.0 66.2 99.4#  
98 0.0 34.6 52.0#

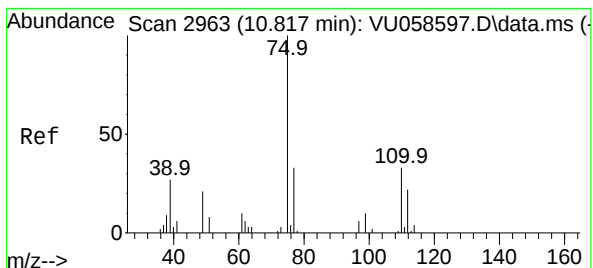
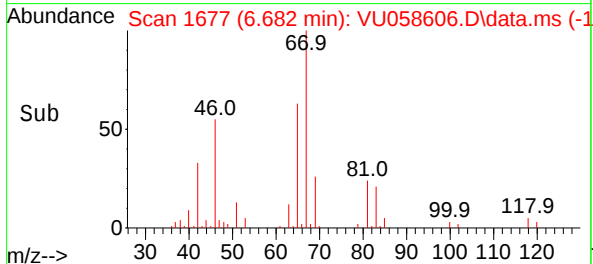
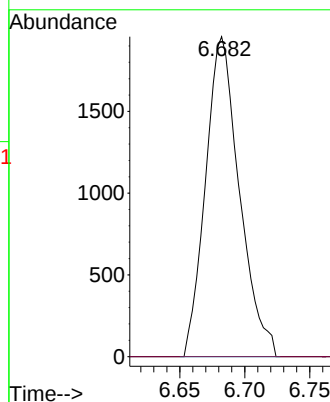
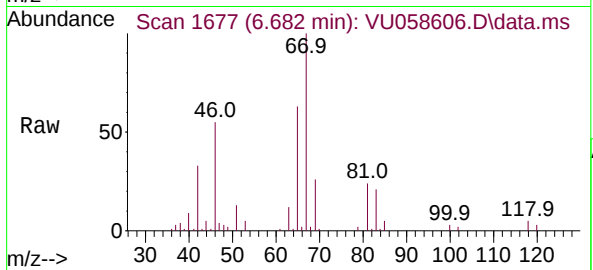




#37  
1,2-Dichloropropane  
Concen: 0.505 ug/L  
RT: 6.682 min Scan# 1  
Delta R.T. -0.100 min  
Lab File: VU058606.D  
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Instrument :  
MSVOA\_U  
ClientSampleId :  
COAL5

Tgt Ion: 63 Resp: 3547  
Ion Ratio Lower Upper  
63 100  
112 0.0 2.6 4.0#



#61  
1,2,3-Trichloropropane  
Concen: 1.396 ug/L  
RT: 11.807 min Scan# 3271  
Delta R.T. 0.990 min  
Lab File: VU058606.D  
Acq: 11 Apr 2024 14:26

Tgt Ion: 75 Resp: 4370  
Ion Ratio Lower Upper  
75 100  
110 0.0 25.8 38.6#  
77 29.2 25.1 37.7

