

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU071824\  
 Data File : VU060068.D  
 Acq On : 19 Jul 2024 18:18  
 Operator : MD/SY  
 Sample : P3298-22  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Jul 20 01:42:27 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR071824WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Jul 20 01:37:26 2024  
 Response via : Initial Calibration

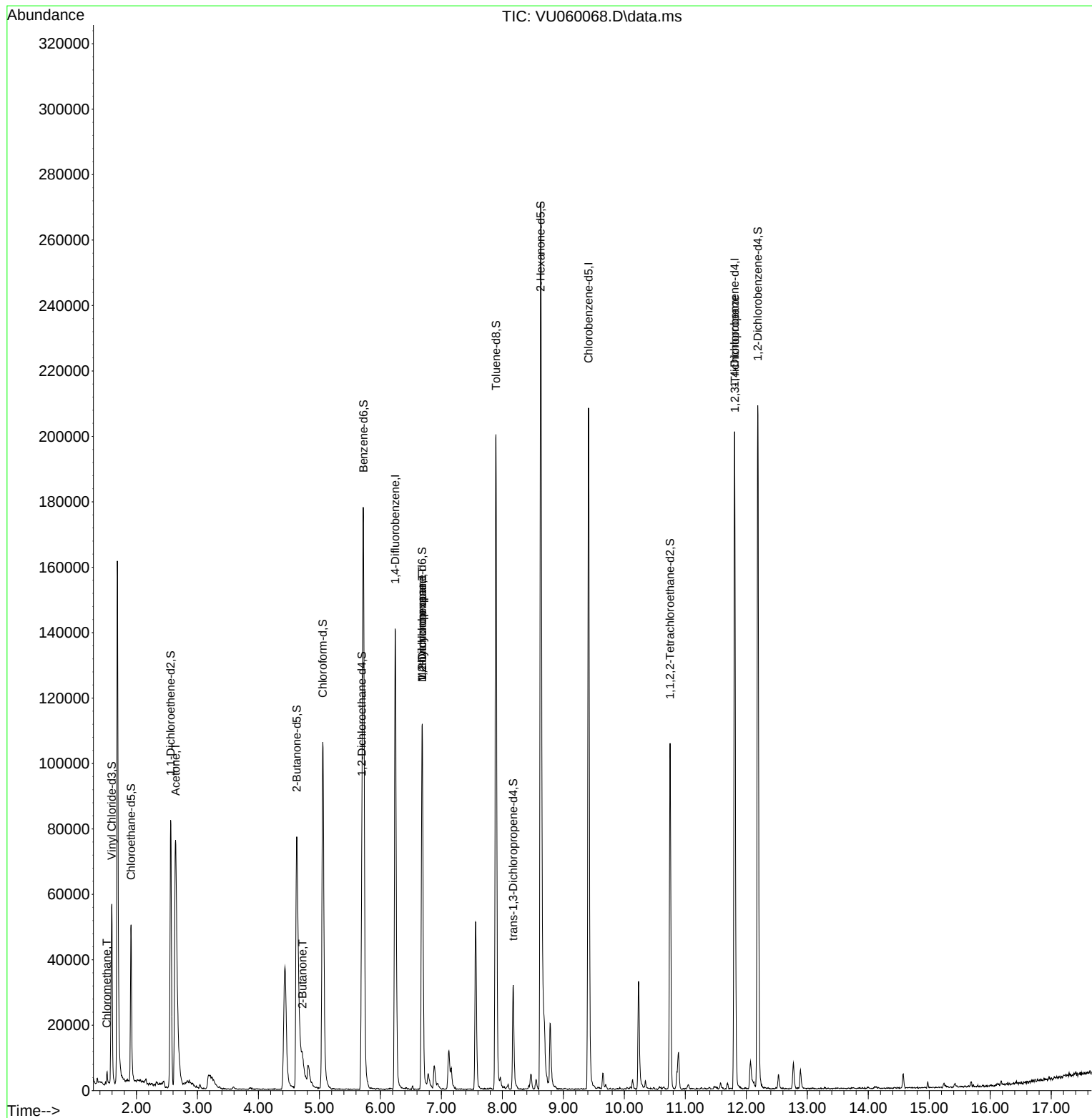
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 122503   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 126637   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 59788    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 36340    | 4.264    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 85.200%  |
| 7) Chloroethane-d5            | 1.911  | 69    | 37117    | 4.688    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 93.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 15233    | 4.577    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 91.600%  |
| 20) 2-Butanone-d5             | 4.628  | 46    | 129443   | 64.959   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 129.920% |
| 24) Chloroform-d              | 5.055  | 84    | 89855    | 5.016    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 100.400% |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 45585    | 5.465    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 109.400% |
| 32) Benzene-d6                | 5.721  | 84    | 177212   | 5.223    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 104.400% |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67    | 58462    | 5.407    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 108.200% |
| 41) Toluene-d8                | 7.894  | 98    | 144197   | 4.704    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 94.000%  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 18856    | 5.124    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 102.400% |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 102829   | 62.964   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 125.920% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.750 | 84    | 54595    | 5.674    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 113.400% |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 61480    | 5.697    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 114.000% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 3) Chloromethane              | 1.515  | 50    | 2616     | 0.234    | ug/L   | 95       |
| 13) Acetone                   | 2.641  | 43    | 139100   | 105.525  | ug/L   | 97       |
| 21) 2-Butanone                | 4.721  | 43    | 11075    | 5.307    | ug/L   | 91       |
| 35) Methylcyclohexane         | 6.682  | 83    | 13310    | 0.915    | ug/L # | 32       |
| 37) 1,2-Dichloropropane       | 6.682  | 63    | 5938     | 0.525    | ug/L # | 88       |
| 61) 1,2,3-Trichloropropane    | 11.811 | 75    | 6634     | 1.052    | ug/L # | 65       |
| -----                         |        |       |          |          |        |          |

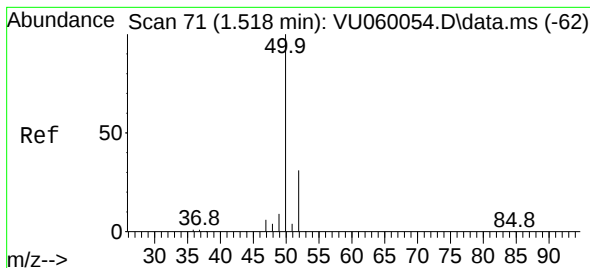
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 20 01:37:26 2024  
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.234 ug/L

RT: 1.515 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU060068.D

Acq: 19 Jul 2024 18:18

Instrument :

MSVOA\_U

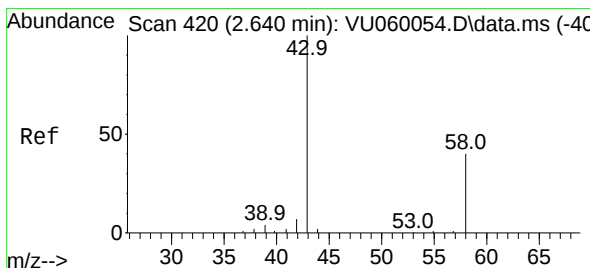
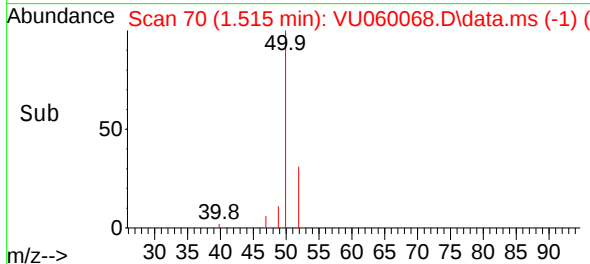
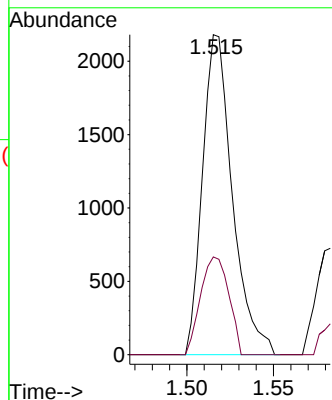
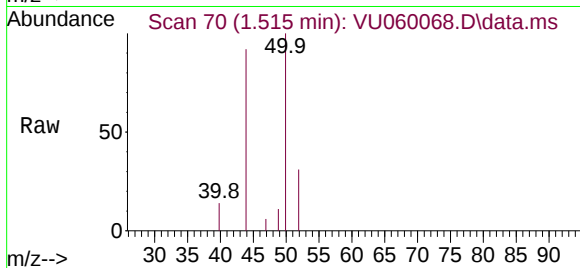
ClientSampleId :

Tgt Ion: 50 Resp: 2616

Ion Ratio Lower Upper

50 100

52 30.6 23.4 43.4



#13

Acetone

Concen: 105.525 ug/L

RT: 2.641 min Scan# 420

Delta R.T. 0.000 min

Lab File: VU060068.D

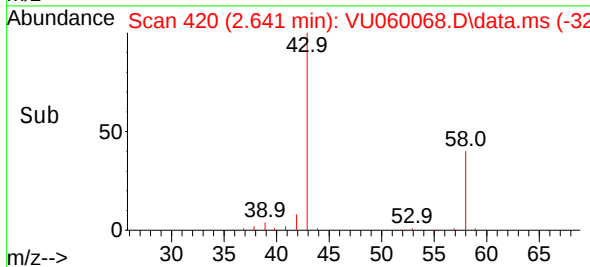
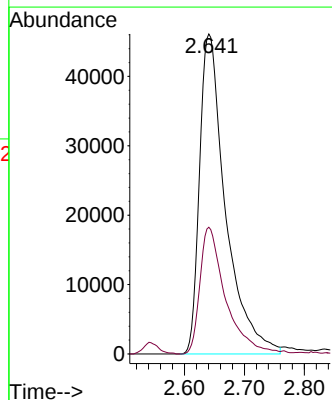
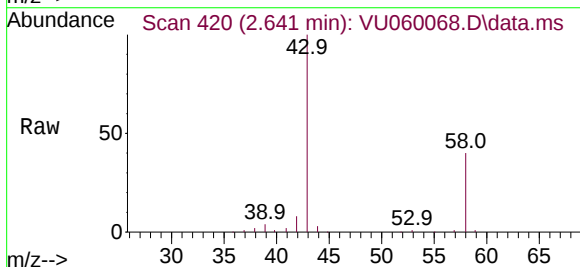
Acq: 19 Jul 2024 18:18

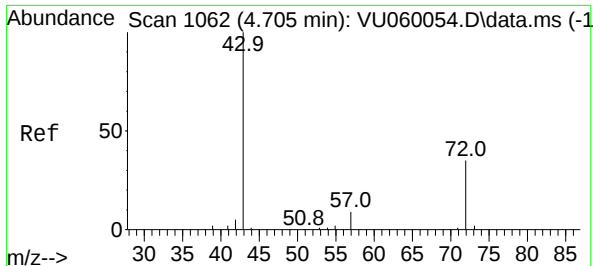
Tgt Ion: 43 Resp: 139100

Ion Ratio Lower Upper

43 100

58 38.9 0.0 82.2

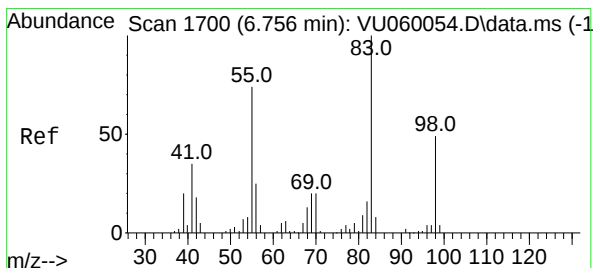
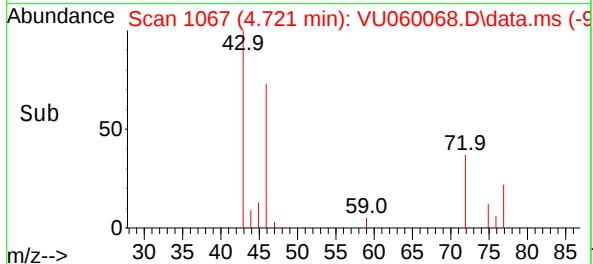
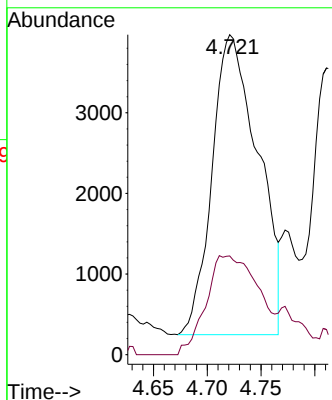
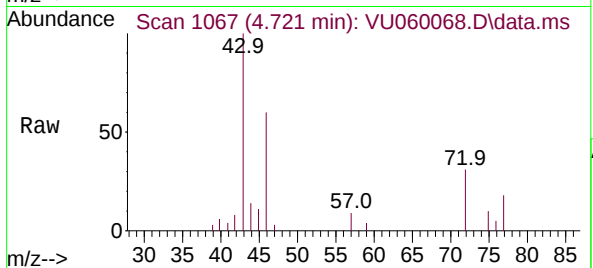




#21  
2-Butanone  
Concen: 5.307 ug/L  
RT: 4.721 min Scan# 1067  
Delta R.T. 0.016 min  
Lab File: VU060068.D  
Acq: 19 Jul 2024 18:18

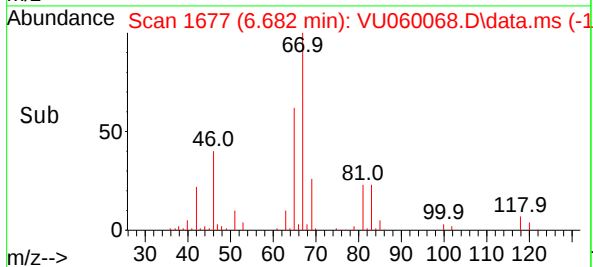
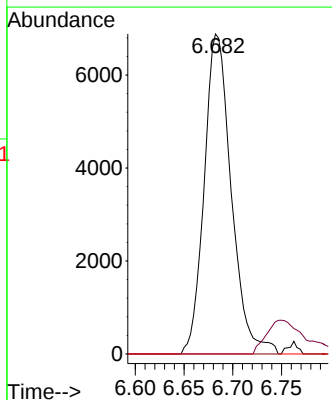
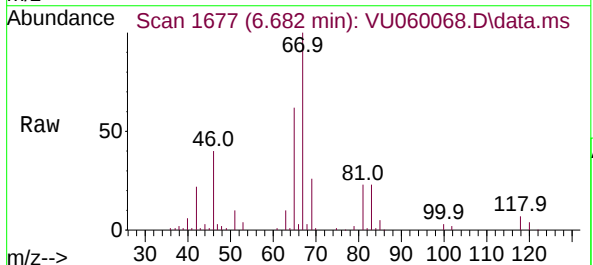
Instrument :  
MSVOA\_U  
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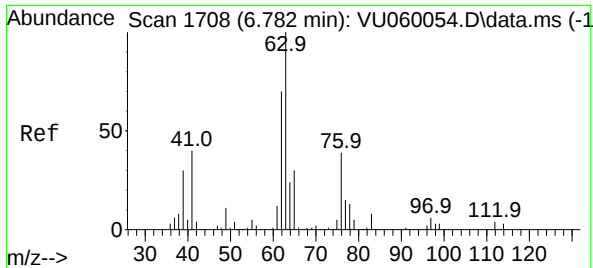
Tgt Ion: 43 Resp: 11075  
Ion Ratio Lower Upper  
43 100  
72 37.7 16.3 48.9



#35  
Methylcyclohexane  
Concen: 0.915 ug/L  
RT: 6.682 min Scan# 1677  
Delta R.T. -0.074 min  
Lab File: VU060068.D  
Acq: 19 Jul 2024 18:18

Tgt Ion: 83 Resp: 13310  
Ion Ratio Lower Upper  
83 100  
55 15.8 56.7 85.1#  
98 0.0 36.6 55.0#

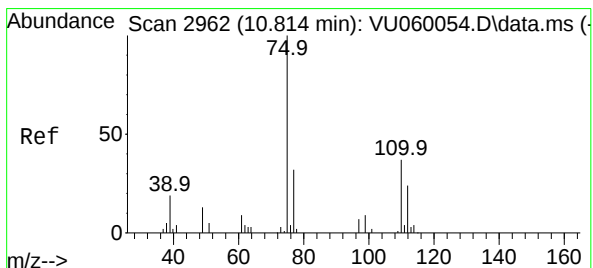
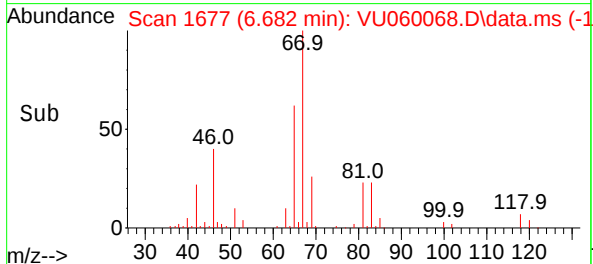
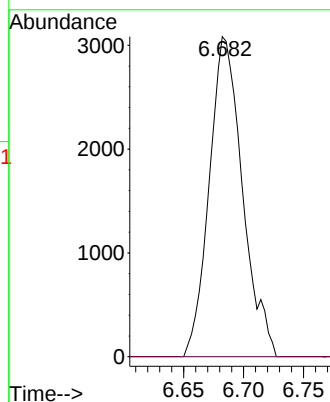
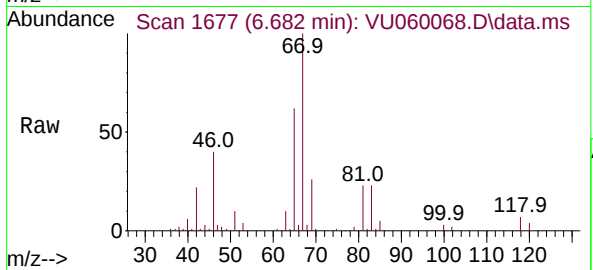




#37  
1,2-Dichloropropane  
Concen: 0.525 ug/L  
RT: 6.682 min Scan# 1  
Delta R.T. -0.099 min  
Lab File: VU060068.D  
Acq: 19 Jul 2024 18:18

Instrument :  
MSVOA\_U  
ClientSampleId :

Tgt Ion: 63 Resp: 5938  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.3 4.9#



#61  
1,2,3-Trichloropropane  
Concen: 1.052 ug/L  
RT: 11.811 min Scan# 3272  
Delta R.T. 0.997 min  
Lab File: VU060068.D  
Acq: 19 Jul 2024 18:18

Tgt Ion: 75 Resp: 6634  
Ion Ratio Lower Upper  
75 100  
110 0.6 30.8 46.2#  
77 30.8 26.2 39.2

