

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041624\  
 Data File : VU058723.D  
 Acq On : 16 Apr 2024 18:01  
 Operator : MD/SY  
 Sample : P2101-03  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Apr 17 01:14:32 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR040424WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Apr 17 01:09:43 2024  
 Response via : Initial Calibration

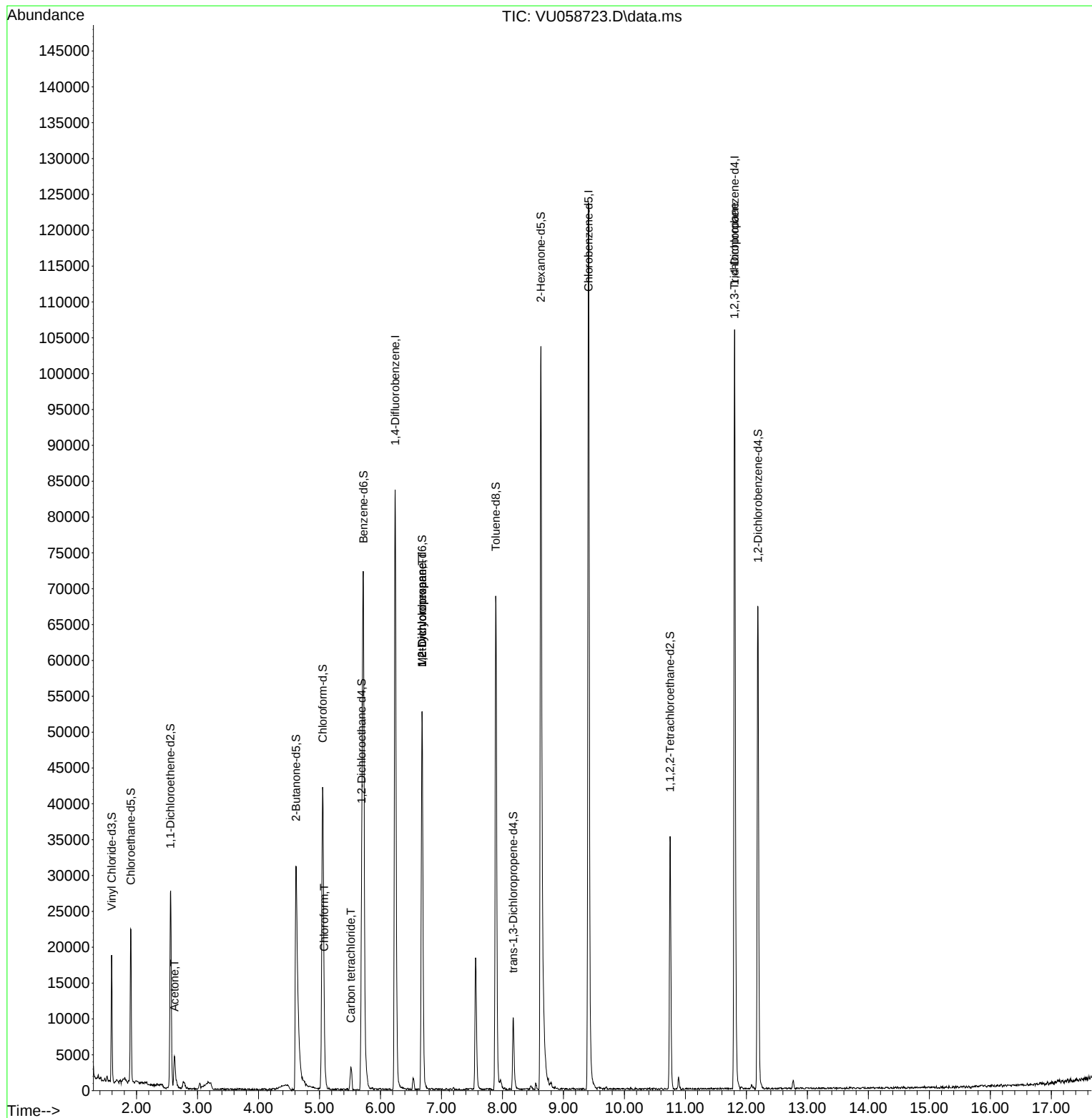
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 65085    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 65860    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 27428    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.592  | 65    | 11908    | 2.764    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 55.200%  |
| 7) Chloroethane-d5            | 1.907  | 69    | 14908    | 3.981    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 79.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.557  | 65    | 5214     | 2.673    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 53.400%# |
| 20) 2-Butanone-d5             | 4.615  | 46    | 54262    | 59.754   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 119.500% |
| 24) Chloroform-d              | 5.052  | 84    | 38399    | 4.464    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 89.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.692  | 65    | 20903    | 5.207    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 104.200% |
| 32) Benzene-d6                | 5.721  | 84    | 66786    | 3.767    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 75.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 25402    | 4.568    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 91.400%  |
| 41) Toluene-d8                | 7.891  | 98    | 46871    | 2.981    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 59.600%# |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 6293     | 3.646    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 73.000%  |
| 46) 2-Hexanone-d5             | 8.631  | 63    | 36770    | 51.648   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 103.300% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.750 | 84    | 18163    | 4.627    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 92.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   | 17744    | 3.841    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 76.800%# |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 2.621  | 43    | 6681     | 8.620    | ug/L   | 100      |
| 25) Chloroform                | 5.078  | 83    | 2291     | 0.224    | ug/L   | 96       |
| 31) Carbon tetrachloride      | 5.515  | 117   | 2119     | 0.283    | ug/L   | 98       |
| 35) Methylcyclohexane         | 6.682  | 83    | 5517     | 0.608    | ug/L # | 16       |
| 37) 1,2-Dichloropropane       | 6.682  | 63    | 2900     | 0.462    | ug/L # | 90       |
| 61) 1,2,3-Trichloropropane    | 11.804 | 75    | 3912     | 1.398    | ug/L # | 71       |
| -----                         |        |       |          |          |        |          |

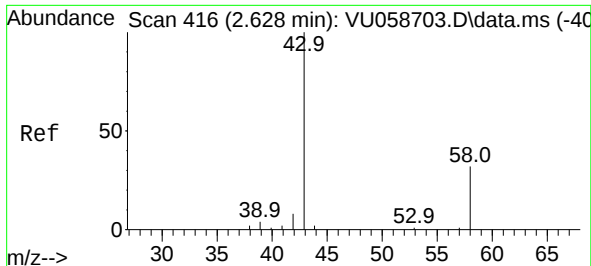
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 23 Sample Multiplier: 1

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MSVOA\_U  
ClientSampleId :

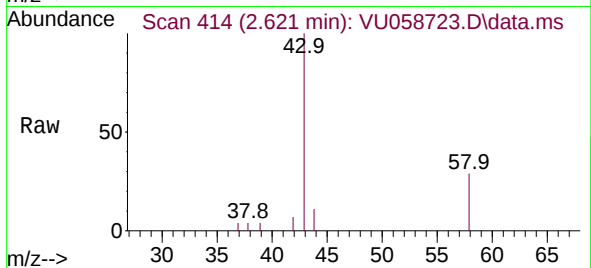
Quant Time: Apr 17 01:14:32 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR040424WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Apr 17 01:09:43 2024  
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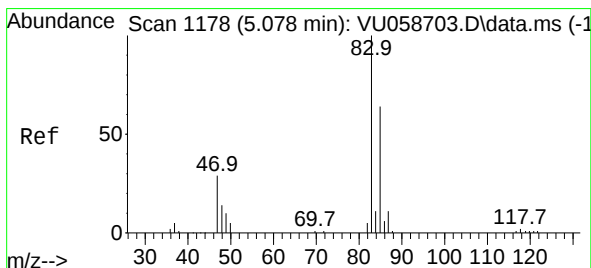
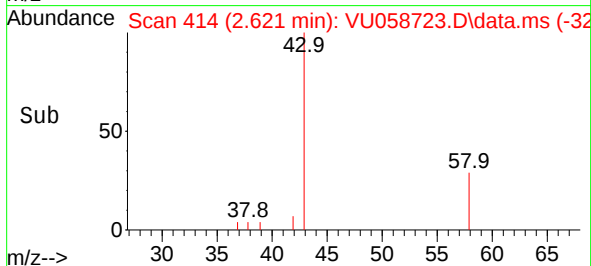
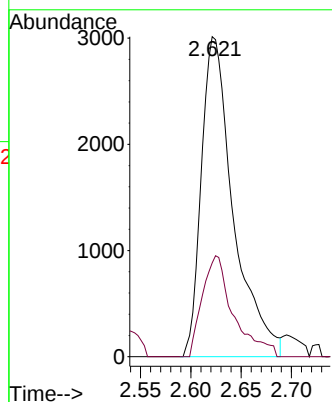


#13  
Acetone  
Concen: 8.620 ug/L  
RT: 2.621 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VU058723.D  
Acq: 16 Apr 2024 18:01

Instrument :  
MSVOA\_U  
ClientSampleId :

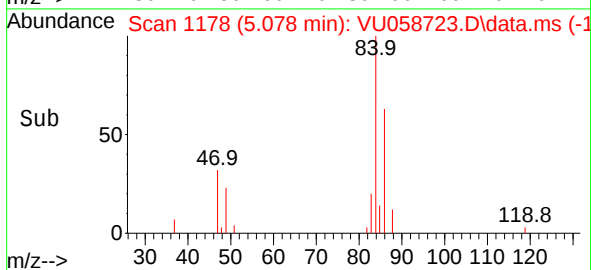
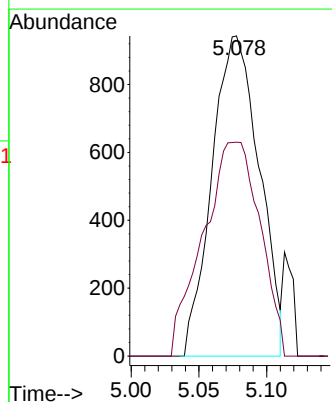
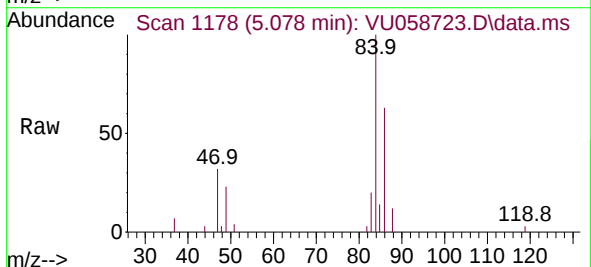


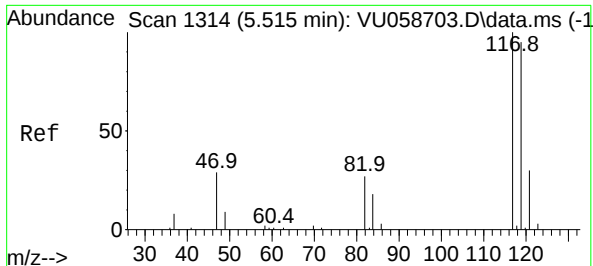
Tgt Ion: 43 Resp: 6681  
Ion Ratio Lower Upper  
43 100  
58 30.6 0.0 61.4



#25  
Chloroform  
Concen: 0.224 ug/L  
RT: 5.078 min Scan# 1178  
Delta R.T. 0.000 min  
Lab File: VU058723.D  
Acq: 16 Apr 2024 18:01

Tgt Ion: 83 Resp: 2291  
Ion Ratio Lower Upper  
83 100  
85 66.8 44.7 83.1

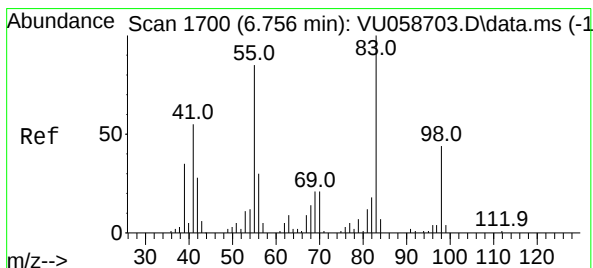
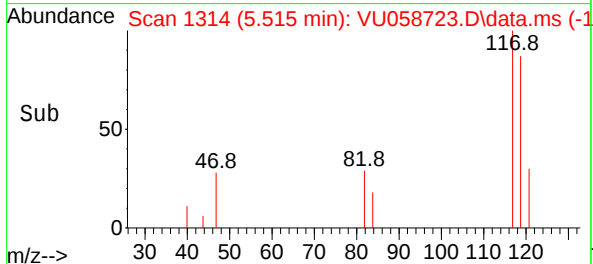
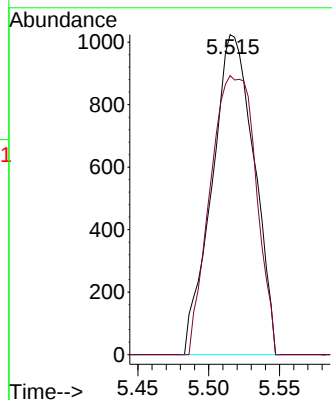
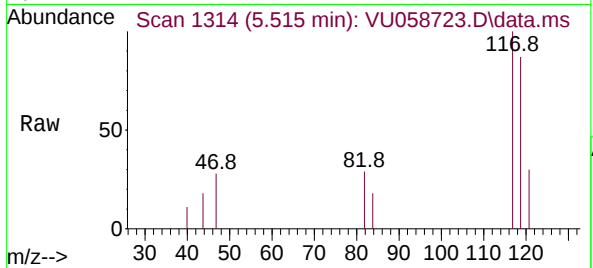




#31  
Carbon tetrachloride  
Concen: 0.283 ug/L  
RT: 5.515 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VU058723.D  
Acq: 16 Apr 2024 18:01

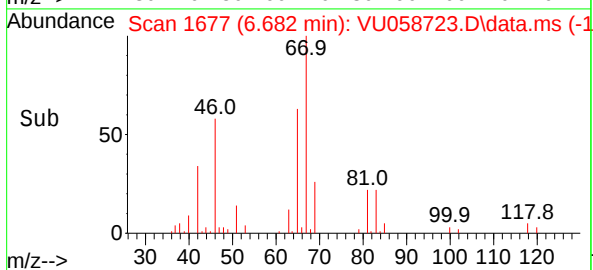
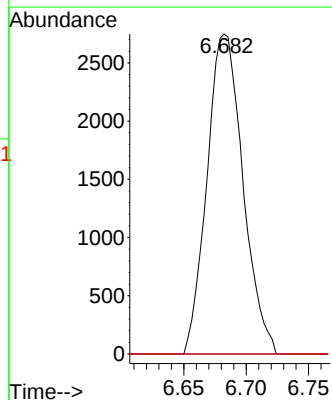
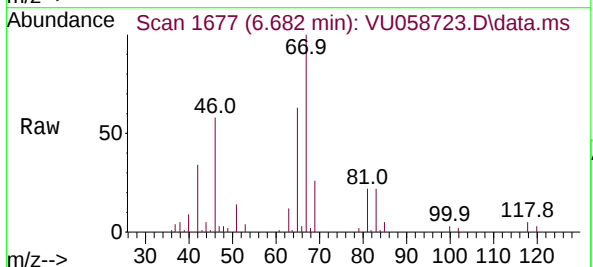
Instrument :  
MSVOA\_U  
ClientSampleId :

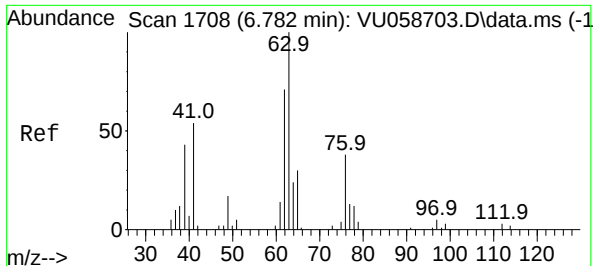
Tgt Ion:117 Resp: 2119  
Ion Ratio Lower Upper  
117 100  
119 94.4 76.7 115.1



#35  
Methylcyclohexane  
Concen: 0.608 ug/L  
RT: 6.682 min Scan# 1677  
Delta R.T. -0.074 min  
Lab File: VU058723.D  
Acq: 16 Apr 2024 18:01

Tgt Ion: 83 Resp: 5517  
Ion Ratio Lower Upper  
83 100  
55 0.0 66.2 99.4#  
98 0.0 34.6 52.0#

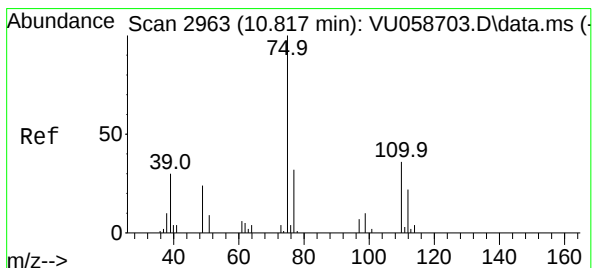
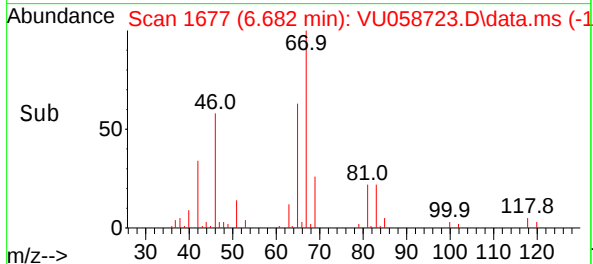
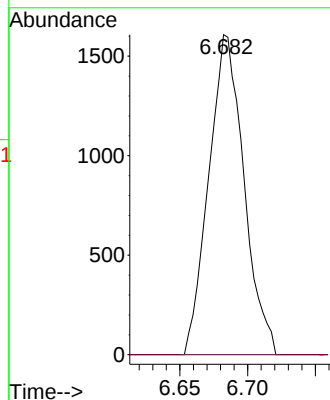
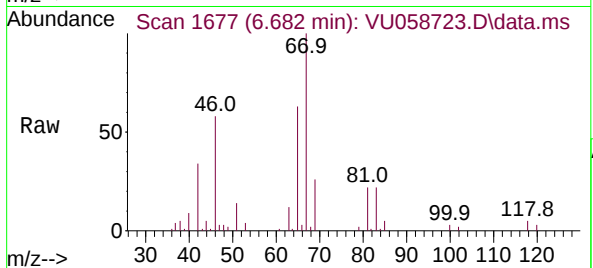




#37  
1,2-Dichloropropane  
Concen: 0.462 ug/L  
RT: 6.682 min Scan# 1  
Delta R.T. -0.100 min  
Lab File: VU058723.D  
Acq: 16 Apr 2024 18:01

Instrument :  
MSVOA\_U  
ClientSampleId :

Tgt Ion: 63 Resp: 2900  
Ion Ratio Lower Upper  
63 100  
112 0.0 2.6 4.0#



#61  
1,2,3-Trichloropropane  
Concen: 1.398 ug/L  
RT: 11.804 min Scan# 3270  
Delta R.T. 0.987 min  
Lab File: VU058723.D  
Acq: 16 Apr 2024 18:01

Tgt Ion: 75 Resp: 3912  
Ion Ratio Lower Upper  
75 100  
110 0.0 25.8 38.6#  
77 31.3 25.1 37.7

