

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU040924\  
 Data File : VU058511.D  
 Acq On : 09 Apr 2024 13:43  
 Operator : MD/SY  
 Sample : P2013-03 200X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Apr 10 01:14:42 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR040424WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Apr 10 01:12:33 2024  
 Response via : Initial Calibration

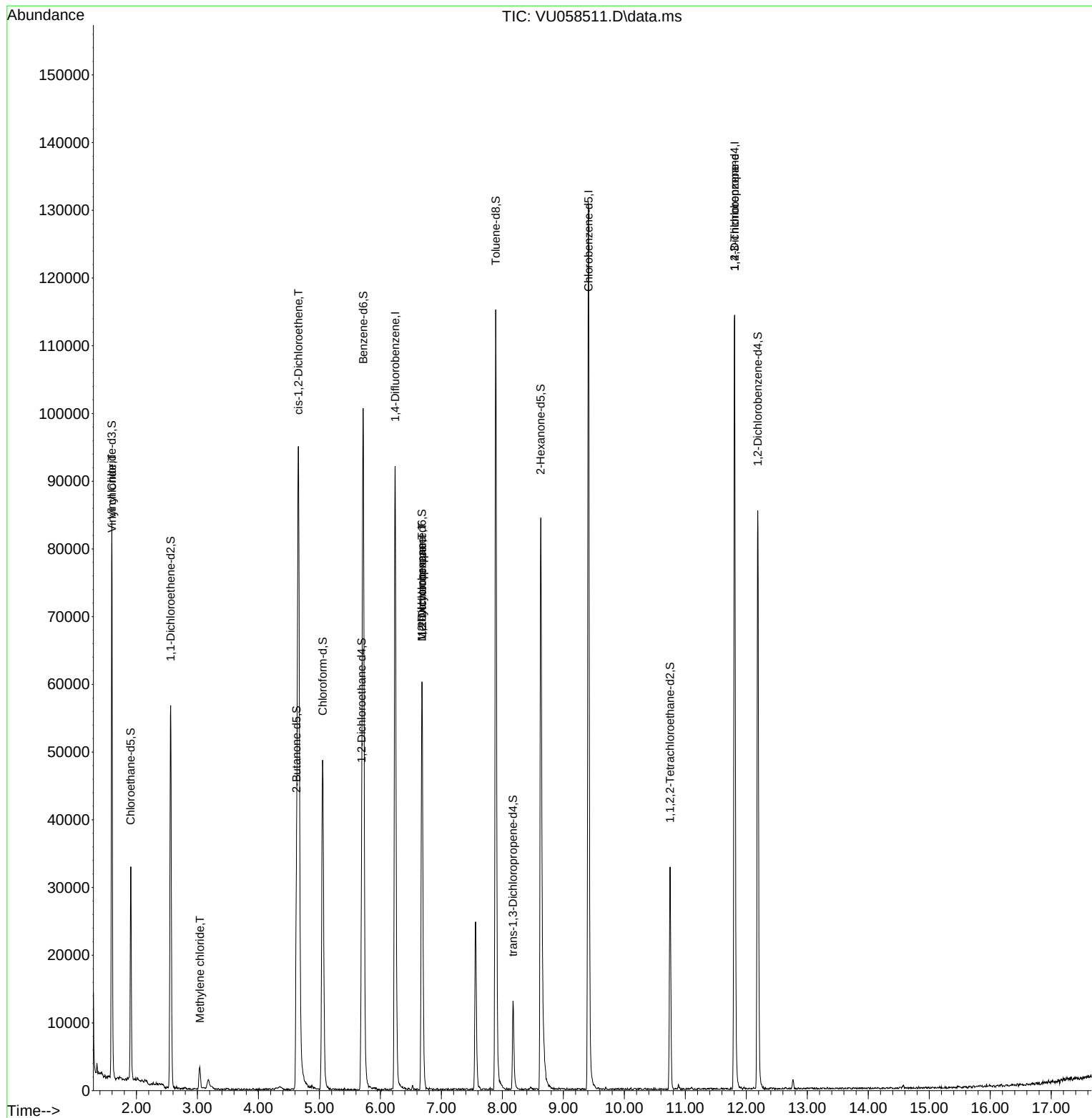
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 73339    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 70190    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 30205    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.592  | 65    | 25156    | 5.181    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 103.600% |
| 7) Chloroethane-d5            | 1.904  | 69    | 21612    | 5.122    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 102.400% |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 11133    | 5.066    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 101.400% |
| 20) 2-Butanone-d5             | 4.624  | 46    | 43299    | 42.315   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 84.640%  |
| 24) Chloroform-d              | 5.052  | 84    | 45952    | 4.741    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 94.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.692  | 65    | 22433    | 4.959    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 99.200%  |
| 32) Benzene-d6                | 5.718  | 84    | 92926    | 4.917    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 98.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.679  | 67    | 28728    | 4.848    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 97.000%  |
| 41) Toluene-d8                | 7.891  | 98    | 77169    | 4.605    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 92.000%  |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79    | 7983     | 4.340    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 86.800%  |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 29723    | 39.174   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 78.340%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.750 | 84    | 17249    | 4.123    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 82.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 22201    | 4.364    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 87.200%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 5) Vinyl chloride             | 1.599  | 62    | 33536    | 4.488    | ug/L   | 100      |
| 16) Methylene chloride        | 3.039  | 84    | 1612     | 0.234    | ug/L   | 88       |
| 22) cis-1,2-Dichloroethene    | 4.657  | 96    | 43549    | 7.119    | ug/L   | 98       |
| 35) Methylcyclohexane         | 6.679  | 83    | 6287     | 0.651    | ug/L # | 17       |
| 37) 1,2-Dichloropropane       | 6.682  | 63    | 3233     | 0.483    | ug/L # | 90       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75    | 3981     | 1.292    | ug/L # | 68       |
| -----                         |        |       |          |          |        |          |

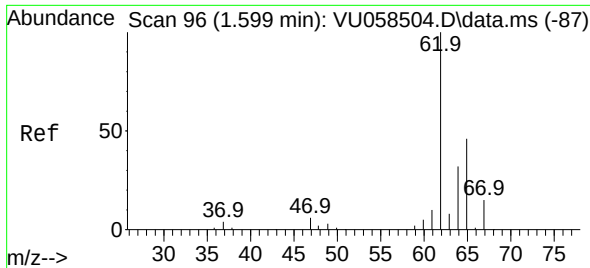
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU040924\  
Data File : VU058511.D  
Acq On : 09 Apr 2024 13:43  
Operator : MD/SY  
Sample : P2013-03 200X  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :

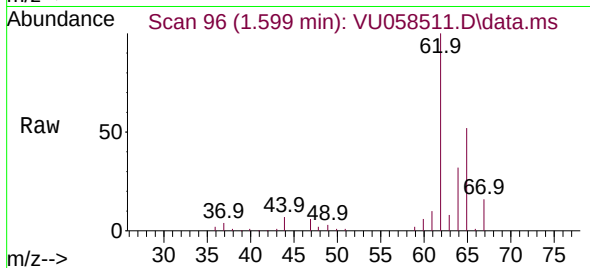
Quant Time: Apr 10 01:14:42 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR040424WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Apr 10 01:12:33 2024  
Response via : Initial Calibration



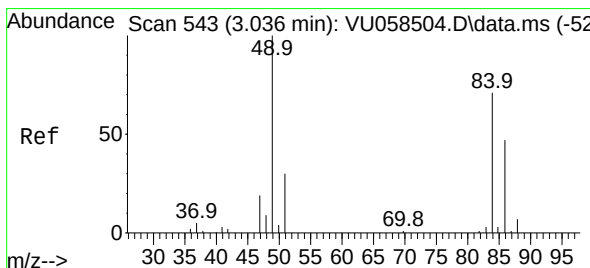
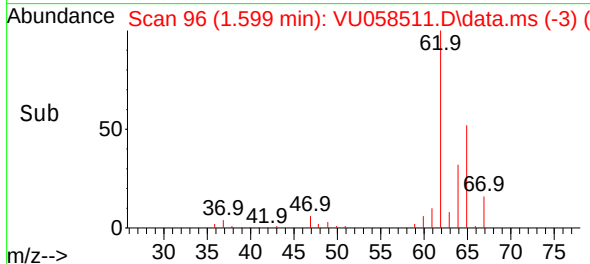
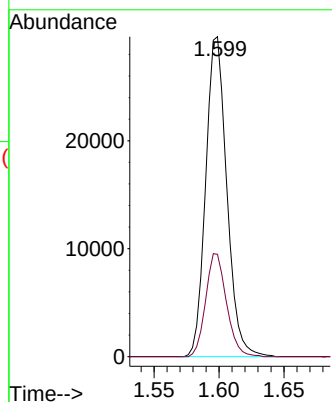


#5  
 Vinyl chloride  
 Concen: 4.488 ug/L  
 RT: 1.599 min Scan# 90  
 Delta R.T. -0.000 min  
 Lab File: VU058511.D  
 Acq: 09 Apr 2024 13:43

Instrument :  
 MSVOA\_U  
 ClientSampleId :

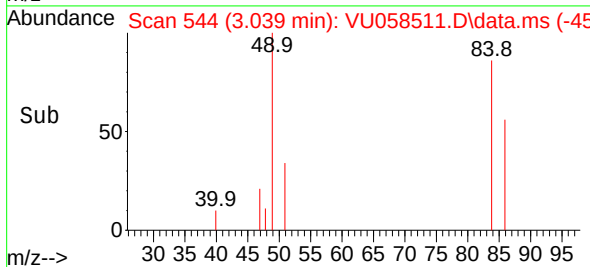
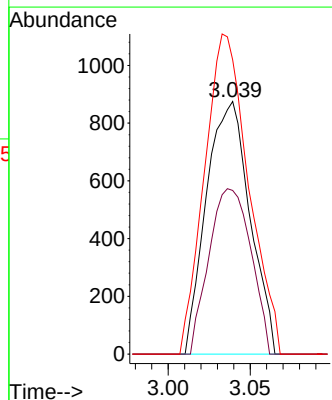
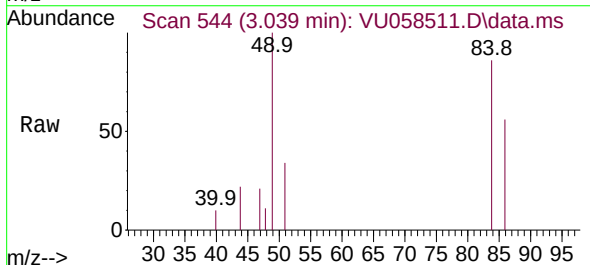


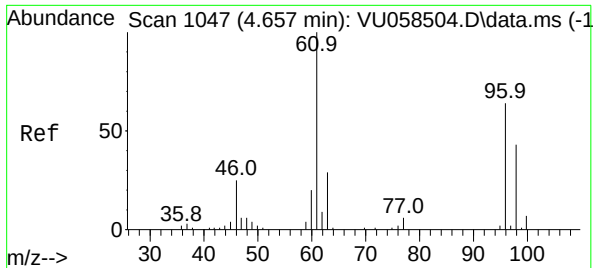
Tgt Ion: 62 Resp: 33536  
 Ion Ratio Lower Upper  
 62 100  
 64 32.0 22.6 42.0



#16  
 Methylene chloride  
 Concen: 0.234 ug/L  
 RT: 3.039 min Scan# 544  
 Delta R.T. 0.003 min  
 Lab File: VU058511.D  
 Acq: 09 Apr 2024 13:43

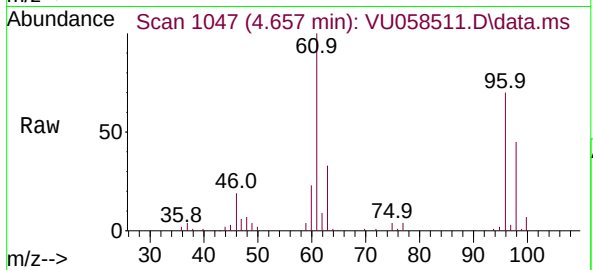
Tgt Ion: 84 Resp: 1612  
 Ion Ratio Lower Upper  
 84 100  
 86 64.8 44.3 82.3  
 49 116.5 96.0 178.2



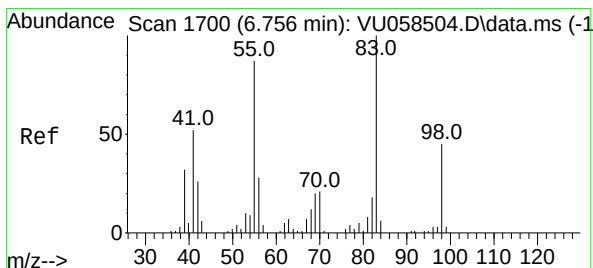
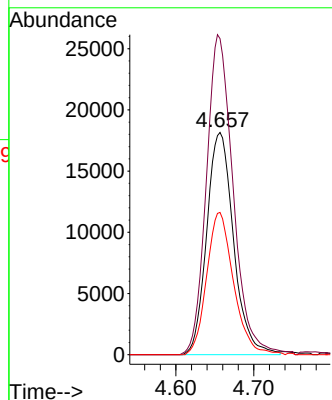
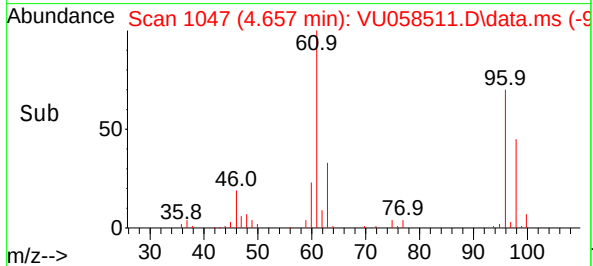


#22  
 cis-1,2-Dichloroethene  
 Concen: 7.119 ug/L  
 RT: 4.657 min Scan# 1047  
 Delta R.T. -0.000 min  
 Lab File: VU058511.D  
 Acq: 09 Apr 2024 13:43

Instrument :  
 MSVOA\_U  
 ClientSampleId :

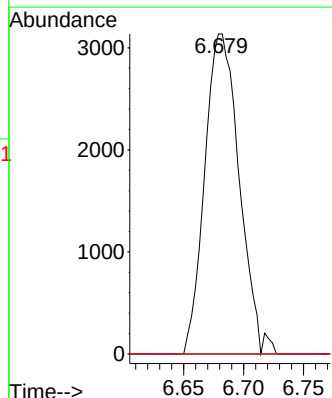
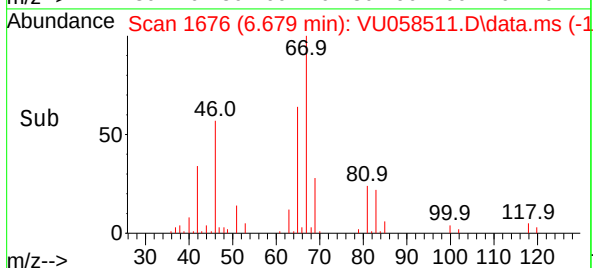
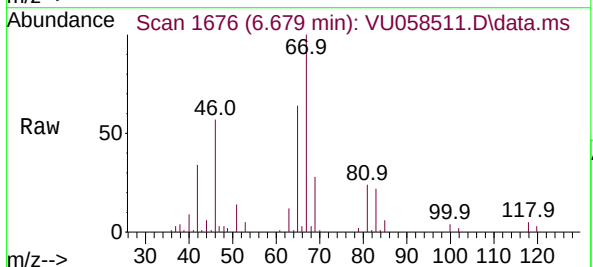


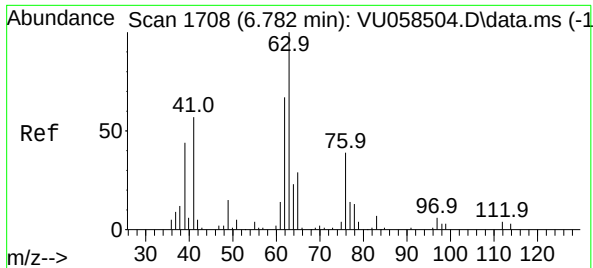
Tgt Ion: 96 Resp: 43549  
 Ion Ratio Lower Upper  
 96 100  
 61 142.2 98.1 182.3  
 98 64.0 43.6 81.0



#35  
 Methylcyclohexane  
 Concen: 0.651 ug/L  
 RT: 6.679 min Scan# 1676  
 Delta R.T. -0.077 min  
 Lab File: VU058511.D  
 Acq: 09 Apr 2024 13:43

Tgt Ion: 83 Resp: 6287  
 Ion Ratio Lower Upper  
 83 100  
 55 0.0 66.2 99.4#  
 98 0.3 34.6 52.0#

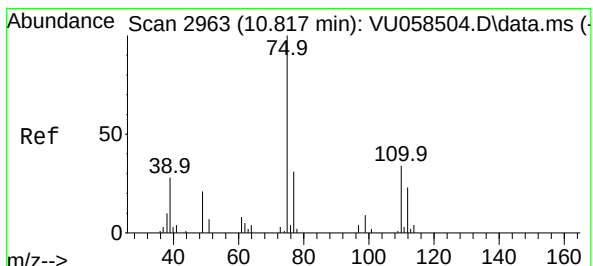
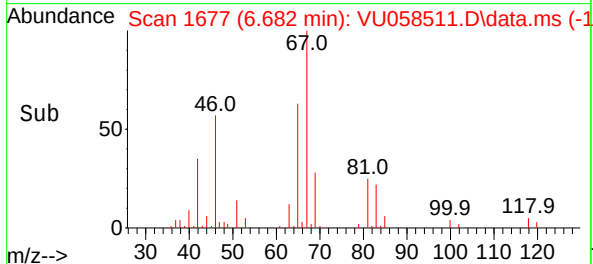
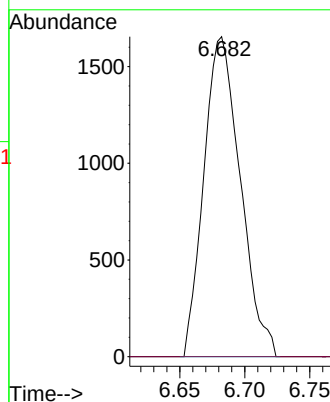
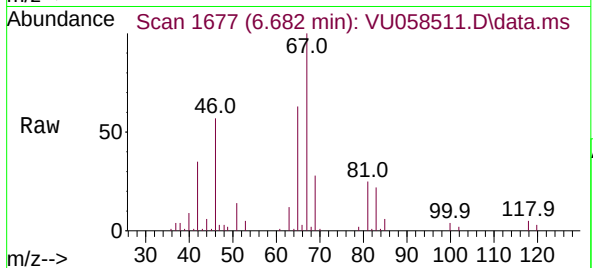




#37  
1,2-Dichloropropane  
Concen: 0.483 ug/L  
RT: 6.682 min Scan# 1  
Delta R.T. -0.100 min  
Lab File: VU058511.D  
Acq: 09 Apr 2024 13:43

Instrument :  
MSVOA\_U  
ClientSampleId :

Tgt Ion: 63 Resp: 3233  
Ion Ratio Lower Upper  
63 100  
112 0.0 2.6 4.0#



#61  
1,2,3-Trichloropropane  
Concen: 1.292 ug/L  
RT: 11.807 min Scan# 3271  
Delta R.T. 0.990 min  
Lab File: VU058511.D  
Acq: 09 Apr 2024 13:43

Tgt Ion: 75 Resp: 3981  
Ion Ratio Lower Upper  
75 100  
110 0.0 25.8 38.6#  
77 35.0 25.1 37.7

