

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU070524\  
 Data File : VU059853.D  
 Acq On : 05 Jul 2024 11:47  
 Operator : MD/SY  
 Sample : P3109-09  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Jul 06 03:02:46 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR061724WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Jul 06 02:59:52 2024  
 Response via : Initial Calibration

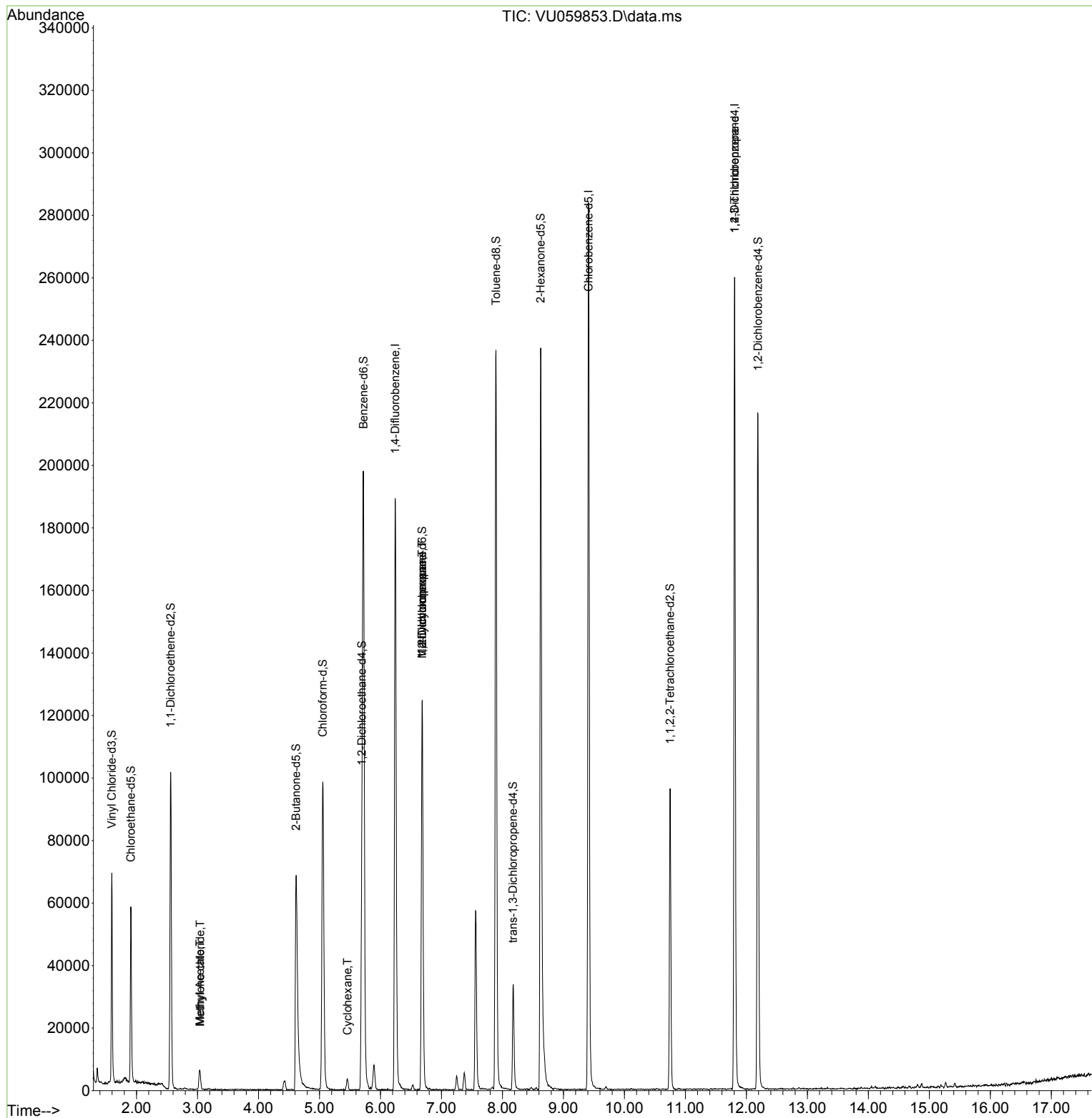
| Compound                      | R.T.   | QIon           | Response | Conc   | Units   | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|---------|----------|
| -----                         |        |                |          |        |         |          |
| Internal Standards            |        |                |          |        |         |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114            | 165597   | 5.000  | ug/L    | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117            | 168890   | 5.000  | ug/L    | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152            | 73576    | 5.000  | ug/L    | 0.00     |
| System Monitoring Compounds   |        |                |          |        |         |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65             | 49208    | 4.273  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 85.400% |          |
| 7) Chloroethane-d5            | 1.907  | 69             | 43207    | 3.900  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 78.000% |          |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65             | 18445    | 3.861  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 77.200% |          |
| 20) 2-Butanone-d5             | 4.618  | 46             | 106518   | 44.909 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 89.820% |          |
| 24) Chloroform-d              | 5.055  | 84             | 97520    | 4.126  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 82.600% |          |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65             | 49091    | 4.312  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 86.200% |          |
| 32) Benzene-d6                | 5.721  | 84             | 198853   | 4.278  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 85.600% |          |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67             | 62927    | 4.418  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 88.400% |          |
| 41) Toluene-d8                | 7.894  | 98             | 168927   | 3.909  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 78.200% |          |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79             | 21315    | 4.779  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 95.600% |          |
| 46) 2-Hexanone-d5             | 8.627  | 63             | 84871    | 45.799 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 91.600% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84             | 51358    | 4.364  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 87.200% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152            | 63620    | 4.858  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 97.200% |          |
| Target Compounds              |        |                |          |        |         |          |
|                               |        |                |          |        | Qvalue  |          |
| 15) Methyl Acetate            | 3.039  | 43             | 1985     | 0.489  | ug/L #  | 51       |
| 16) Methylene chloride        | 3.042  | 84             | 2022     | 0.145  | ug/L #  | 67       |
| 30) Cyclohexane               | 5.460  | 56             | 1738     | 0.101  | ug/L #  | 17       |
| 35) Methylcyclohexane         | 6.682  | 83             | 14608    | 0.739  | ug/L #  | 18       |
| 37) 1,2-Dichloropropane       | 6.685  | 63             | 6787     | 0.511  | ug/L #  | 90       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75             | 8326     | 1.225  | ug/L #  | 70       |
| -----                         |        |                |          |        |         |          |

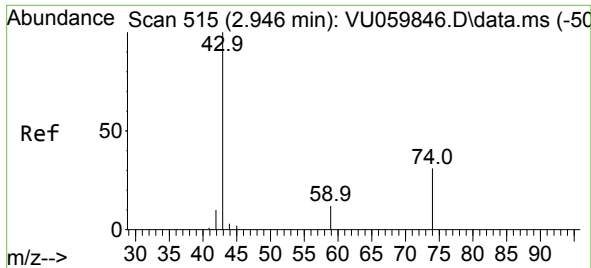
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Sat Jul 06 02:59:52 2024  
Response via : Initial Calibration

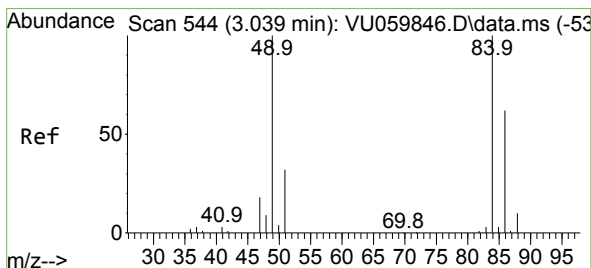
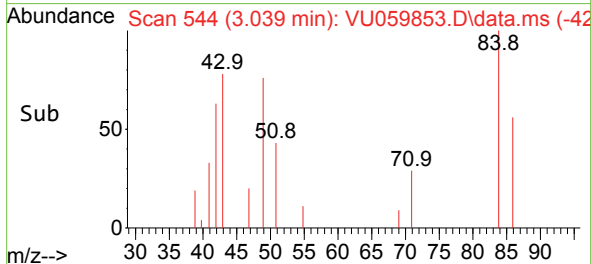
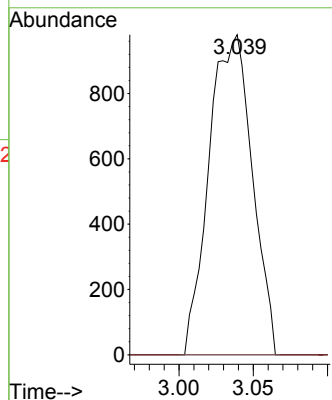
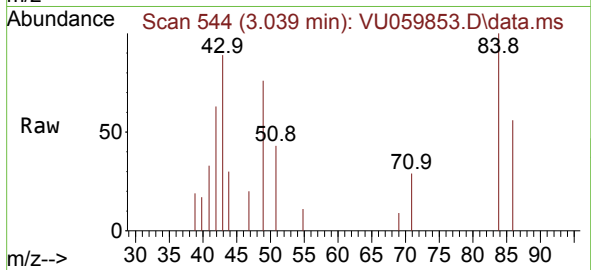




#15  
Methyl Acetate  
Concen: 0.489 ug/L  
RT: 3.039 min Scan# 544  
Delta R.T. 0.093 min  
Lab File: VU059853.D  
Acq: 05 Jul 2024 11:47

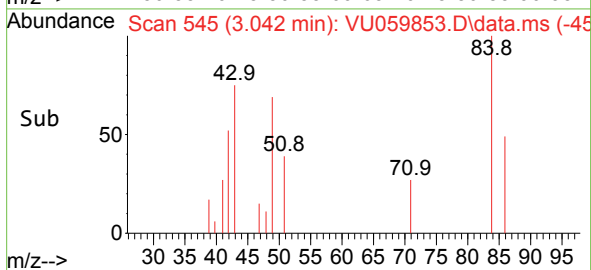
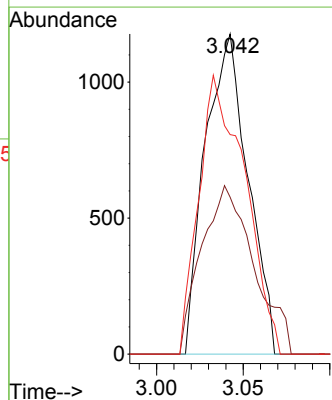
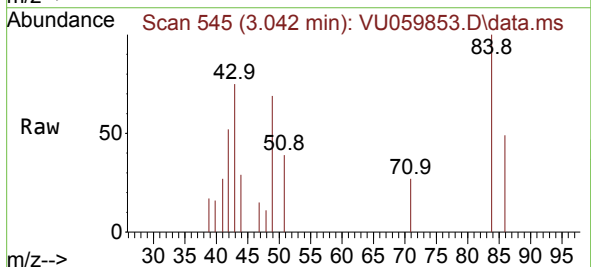
Instrument :  
MSVOA\_U  
ClientSampleId :

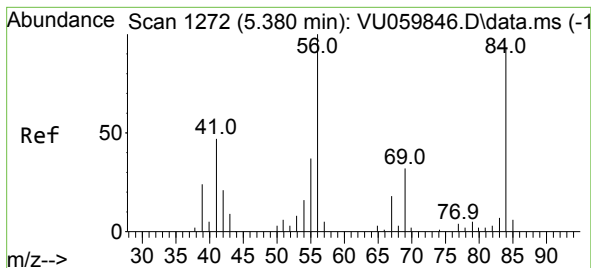
Tgt Ion: 43 Resp: 1985  
Ion Ratio Lower Upper  
43 100  
74 0.0 19.2 28.8#



#16  
Methylene chloride  
Concen: 0.145 ug/L  
RT: 3.042 min Scan# 545  
Delta R.T. 0.003 min  
Lab File: VU059853.D  
Acq: 05 Jul 2024 11:47

Tgt Ion: 84 Resp: 2022  
Ion Ratio Lower Upper  
84 100  
86 49.0 42.1 78.1  
49 68.6 80.6 149.8#





#30

Cyclohexane

Concen: 0.101 ug/L

RT: 5.460 min Scan# 1677

Delta R.T. 0.080 min

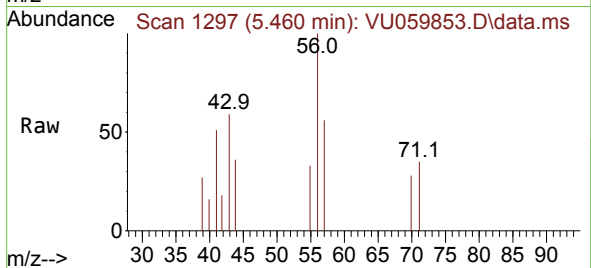
Lab File: VU059853.D

Acq: 05 Jul 2024 11:47

Instrument :

MSVOA\_U

ClientSampleId :



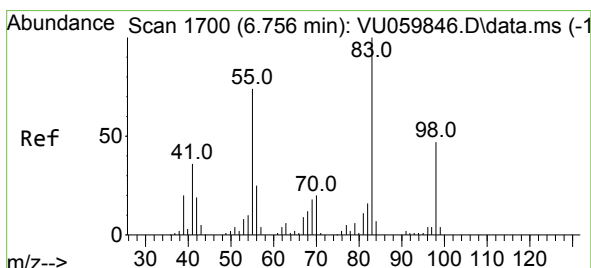
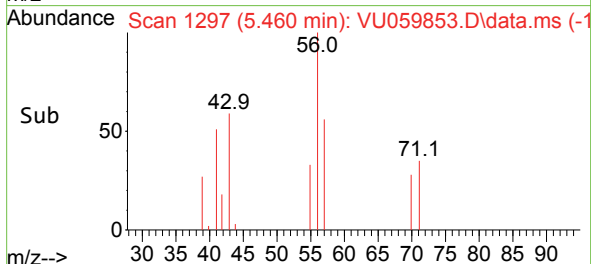
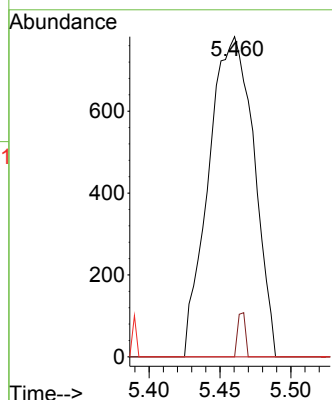
Tgt Ion: 56 Resp: 1738

Ion Ratio Lower Upper

56 100

69 2.4 24.8 37.2#

84 0.0 69.8 104.8#



#35

Methylcyclohexane

Concen: 0.739 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU059853.D

Acq: 05 Jul 2024 11:47

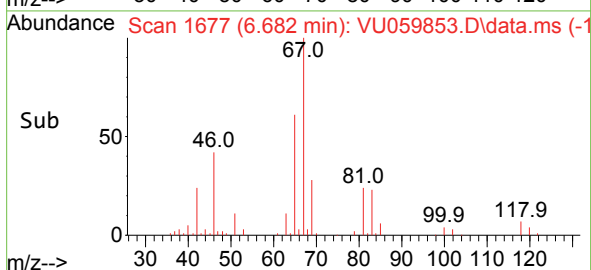
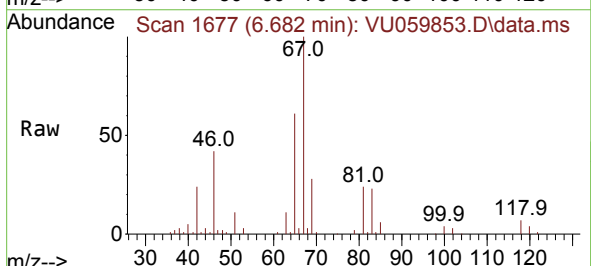
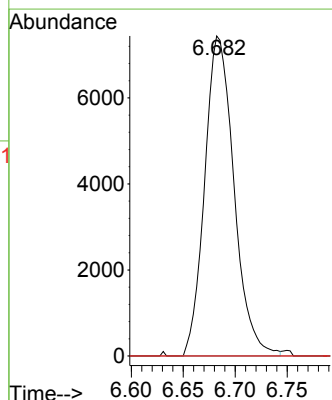
Tgt Ion: 83 Resp: 14608

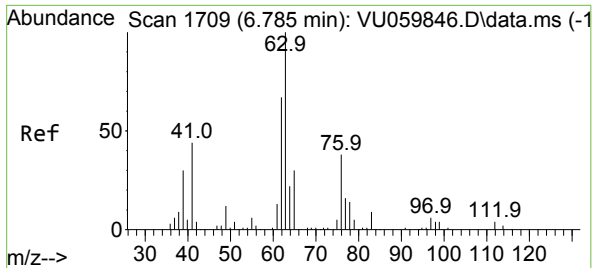
Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

98 0.6 35.4 53.0#

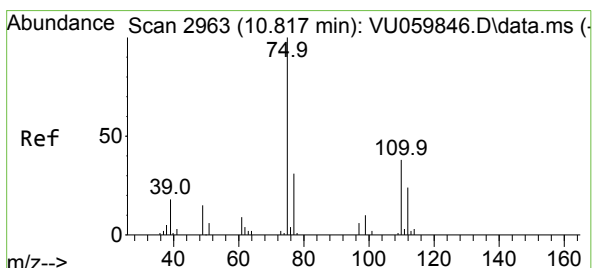
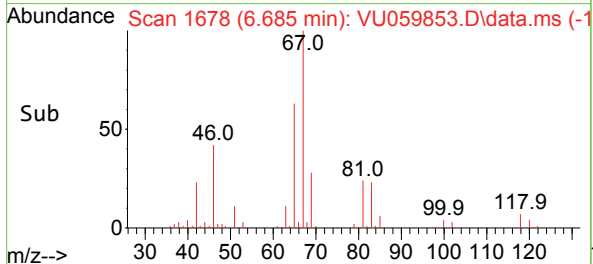
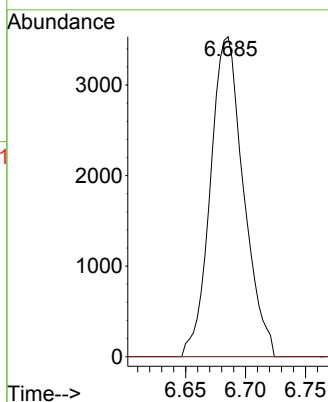
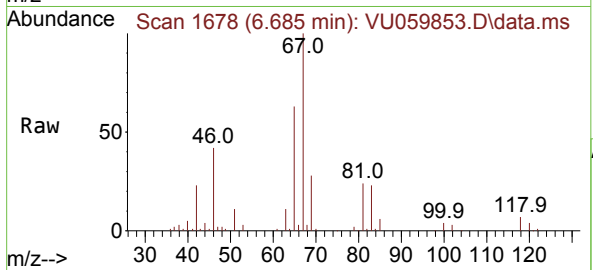




#37  
1,2-Dichloropropane  
Concen: 0.511 ug/L  
RT: 6.685 min Scan# 1  
Delta R.T. -0.100 min  
Lab File: VU059853.D  
Acq: 05 Jul 2024 11:47

Instrument :  
MSVOA\_U  
ClientSampleId :

Tgt Ion: 63 Resp: 6787  
Ion Ratio Lower Upper  
63 100  
112 0.0 2.6 3.8#



#61  
1,2,3-Trichloropropane  
Concen: 1.225 ug/L  
RT: 11.807 min Scan# 3271  
Delta R.T. 0.990 min  
Lab File: VU059853.D  
Acq: 05 Jul 2024 11:47

Tgt Ion: 75 Resp: 8326  
Ion Ratio Lower Upper  
75 100  
110 0.8 27.1 40.7#  
77 31.4 25.4 38.2

