

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU021323\  
 Data File : VU053082.D  
 Acq On : 13 Feb 2023 15:47  
 Operator : JC/MD  
 Sample : 01533-03DL 40X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 COM19DL

Quant Time: Feb 14 00:47:31 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR021023WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Feb 14 00:41:52 2023  
 Response via : Initial Calibration

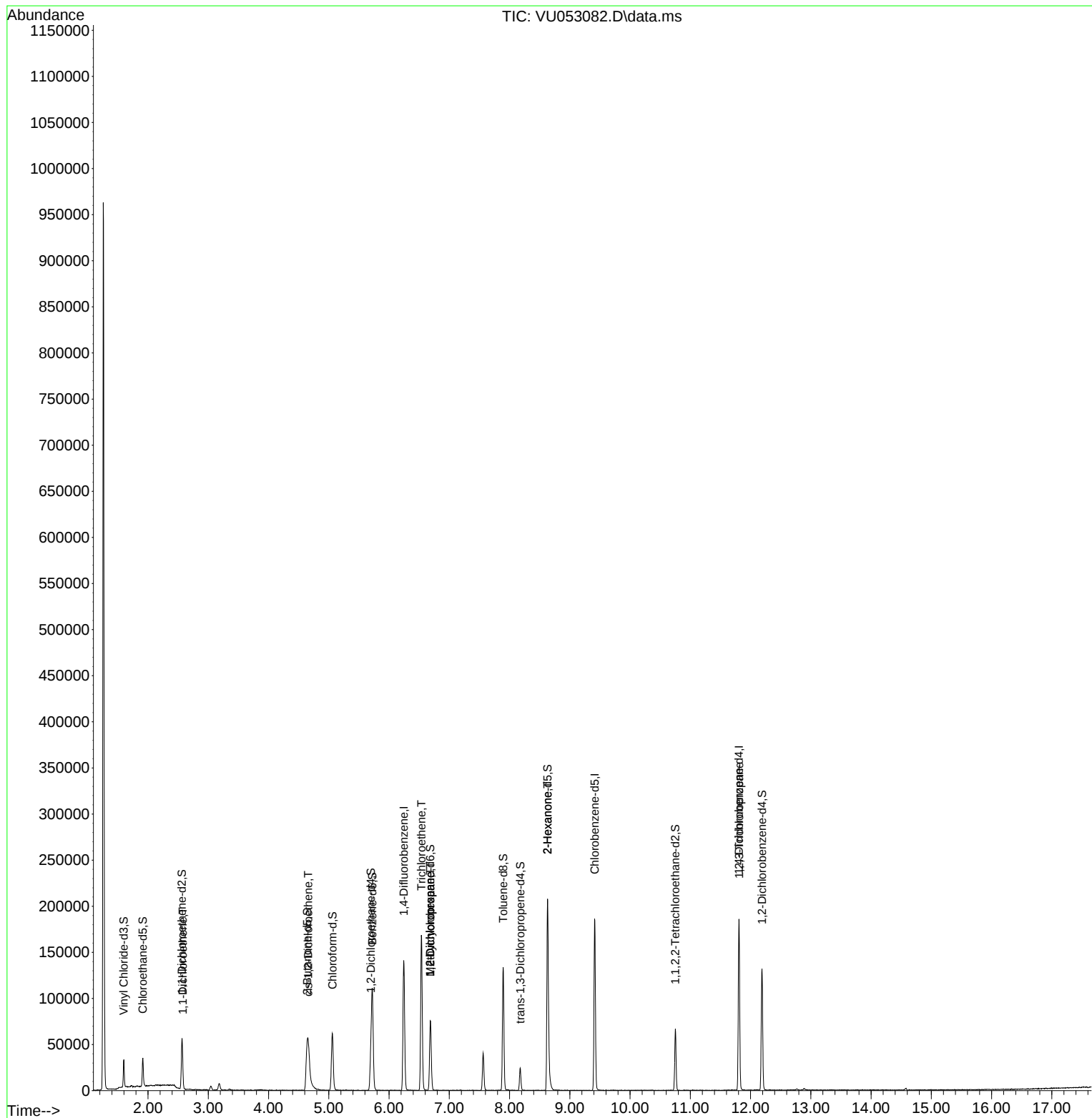
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.244  | 114   | 115159   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.411  | 117   | 100875   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 46483    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.598  | 65    | 20924    | 3.793    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 75.800%  |
| 7) Chloroethane-d5            | 1.913  | 69    | 22882    | 4.413    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 88.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65    | 10010    | 3.956    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 79.200%  |
| 20) 2-Butanone-d5             | 4.643  | 46    | 92475    | 54.731   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 109.460% |
| 24) Chloroform-d              | 5.061  | 84    | 55905    | 4.404    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 88.000%  |
| 26) 1,2-Dichloroethane-d4     | 5.698  | 65    | 30562    | 4.778    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 95.600%  |
| 32) Benzene-d6                | 5.723  | 84    | 104962   | 4.631    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 92.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67    | 37595    | 4.762    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 95.200%  |
| 41) Toluene-d8                | 7.894  | 98    | 90209    | 4.405    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 88.200%  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 14615    | 4.572    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 91.400%  |
| 46) 2-Hexanone-d5             | 8.630  | 63    | 75829    | 53.438   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 106.880% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.752 | 84    | 33396    | 4.925    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 98.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.189 | 152   | 32483    | 4.678    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 93.600%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 12) 1,1-Dichloroethene        | 2.576  | 96    | 1140     | 0.167    | ug/L # | 1        |
| 22) cis-1,2-Dichloroethene    | 4.659  | 96    | 9794     | 1.204    | ug/L   | 93       |
| 34) Trichloroethene           | 6.537  | 95    | 57445    | 7.023    | ug/L   | 98       |
| 35) Methylcyclohexane         | 6.685  | 83    | 8118     | 0.613    | ug/L # | 21       |
| 37) 1,2-Dichloropropane       | 6.685  | 63    | 4052     | 0.512    | ug/L # | 90       |
| 48) 2-Hexanone                | 8.630  | 43    | 9112     | 3.005    | ug/L # | 76       |
| 61) 1,2,3-Trichloropropane    | 11.810 | 75    | 6009     | 1.346    | ug/L # | 67       |
| -----                         |        |       |          |          |        |          |

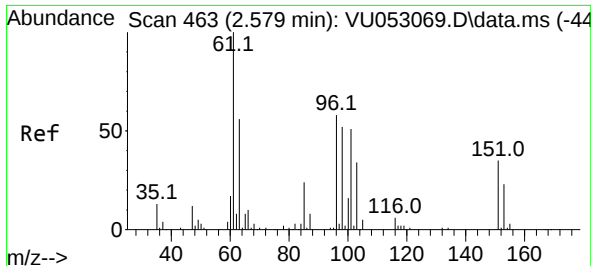
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.167 ug/L

RT: 2.576 min Scan# 4

Delta R.T. -0.003 min

Lab File: VU053082.D

Acq: 13 Feb 2023 15:47

Instrument :

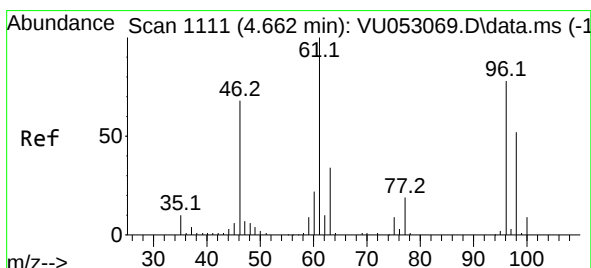
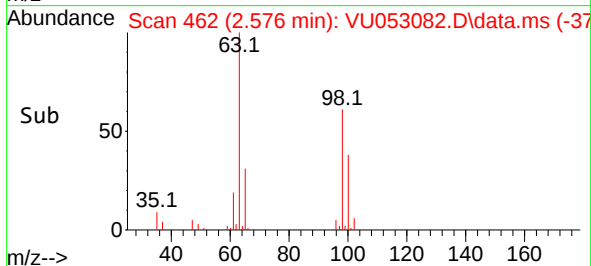
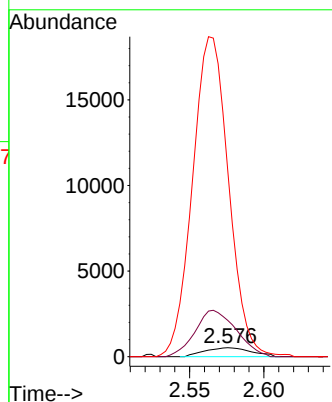
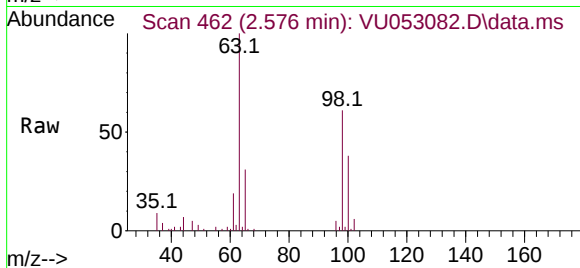
MSVOA\_U

ClientSampleId :

COM19DL

Tgt Ion: 96 Resp: 1140

| Ion | Ratio  | Lower | Upper  |
|-----|--------|-------|--------|
| 96  | 100    |       |        |
| 61  | 404.0  | 115.1 | 213.7# |
| 63  | 2076.0 | 63.6  | 118.0# |



#22

cis-1,2-Dichloroethene

Concen: 1.204 ug/L

RT: 4.659 min Scan# 1110

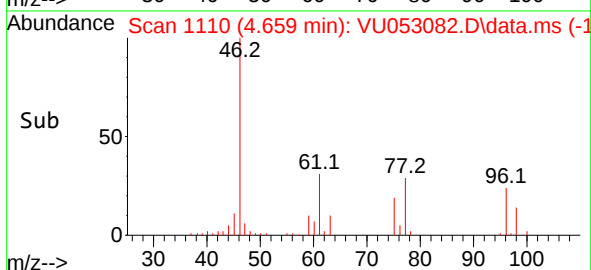
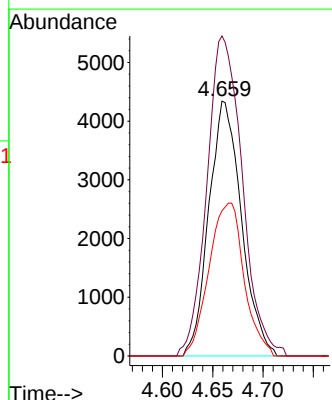
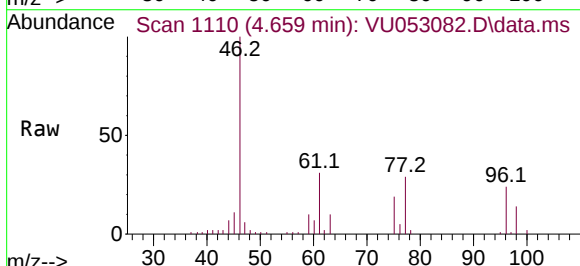
Delta R.T. -0.003 min

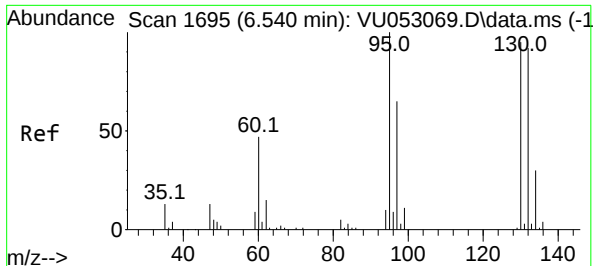
Lab File: VU053082.D

Acq: 13 Feb 2023 15:47

Tgt Ion: 96 Resp: 9794

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 125.6 | 90.9  | 168.9 |
| 98  | 56.9  | 47.0  | 87.4  |

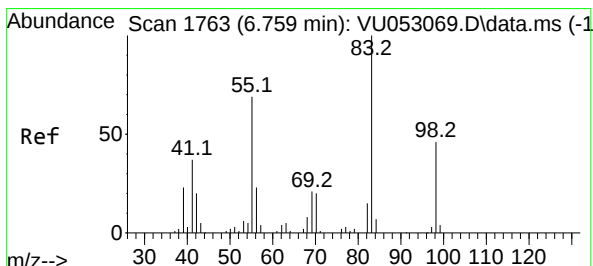
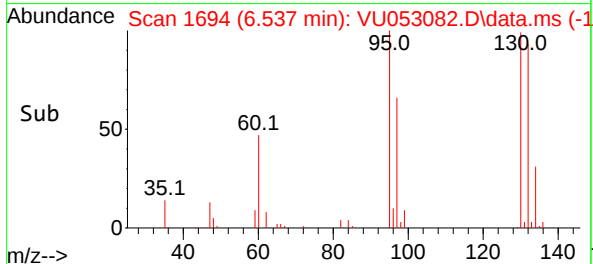
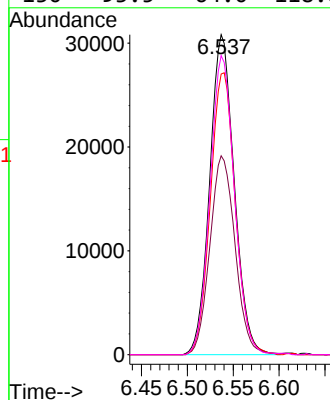
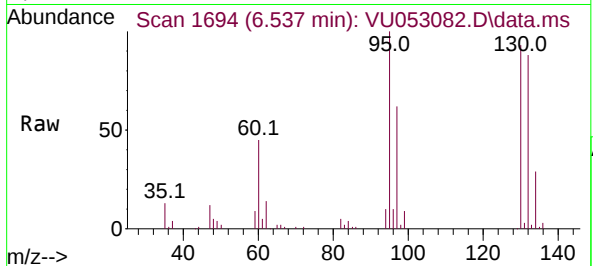




#34  
Trichloroethene  
Concen: 7.023 ug/L  
RT: 6.537 min Scan# 1  
Delta R.T. -0.003 min  
Lab File: VU053082.D  
Acq: 13 Feb 2023 15:47

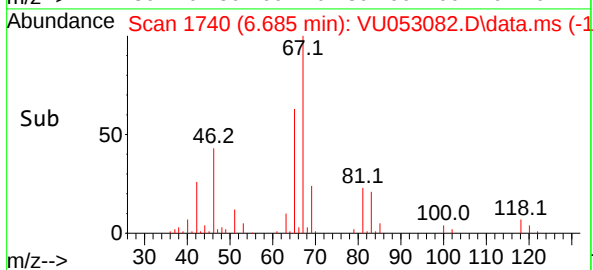
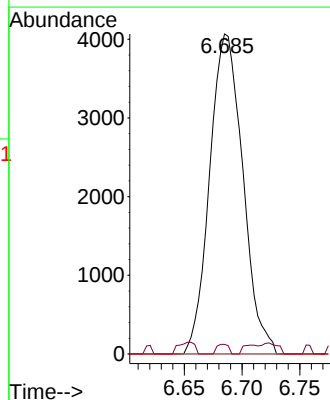
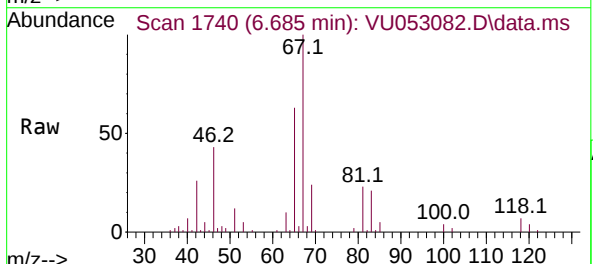
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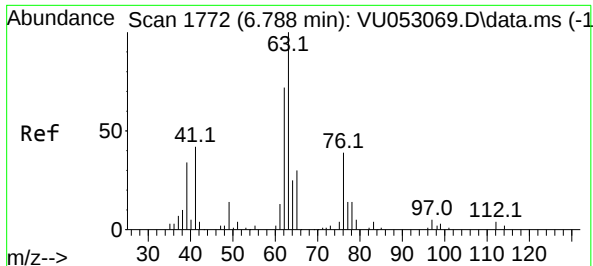
Tgt Ion: 95 Resp: 57445  
Ion Ratio Lower Upper  
95 100  
97 62.1 44.7 82.9  
132 87.7 62.3 115.7  
130 93.5 64.0 118.8



#35  
Methylcyclohexane  
Concen: 0.613 ug/L  
RT: 6.685 min Scan# 1740  
Delta R.T. -0.074 min  
Lab File: VU053082.D  
Acq: 13 Feb 2023 15:47

Tgt Ion: 83 Resp: 8118  
Ion Ratio Lower Upper  
83 100  
55 1.1 57.9 86.9#  
98 0.0 36.4 54.6#

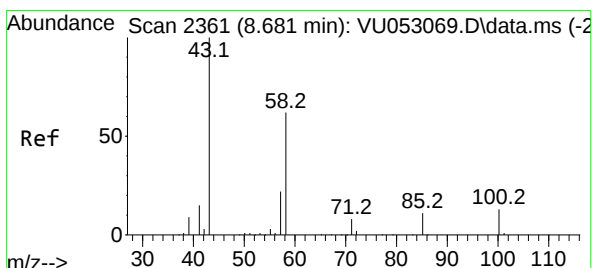
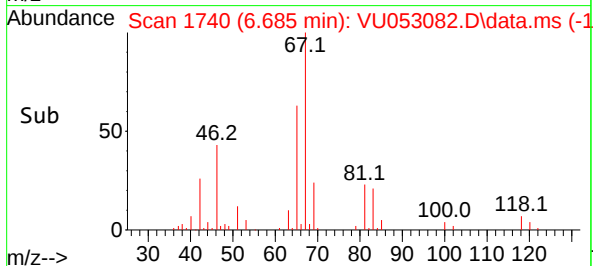
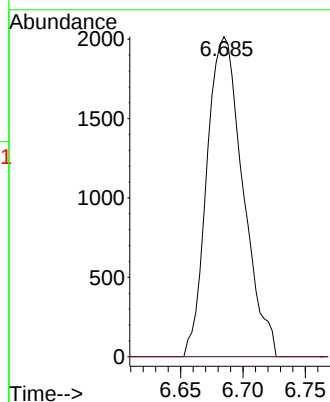
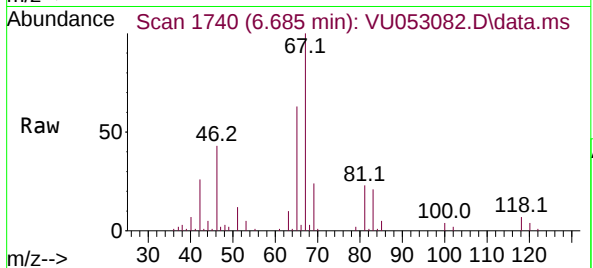




#37  
1,2-Dichloropropane  
Concen: 0.512 ug/L  
RT: 6.685 min Scan# 11  
Delta R.T. -0.103 min  
Lab File: VU053082.D  
Acq: 13 Feb 2023 15:47

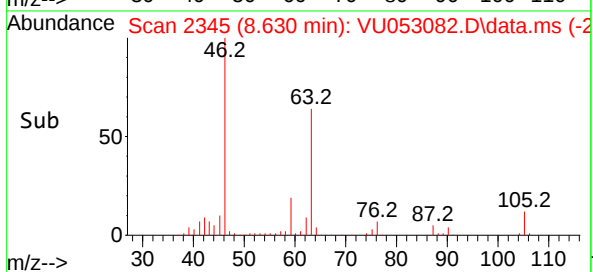
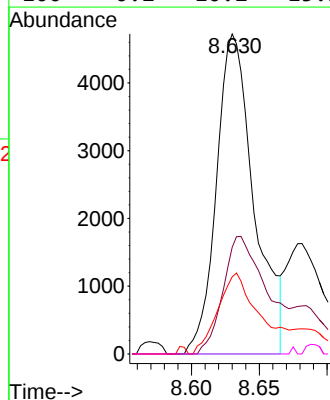
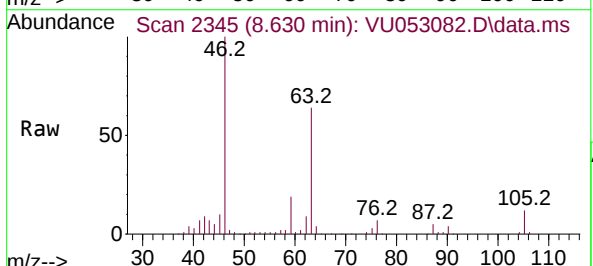
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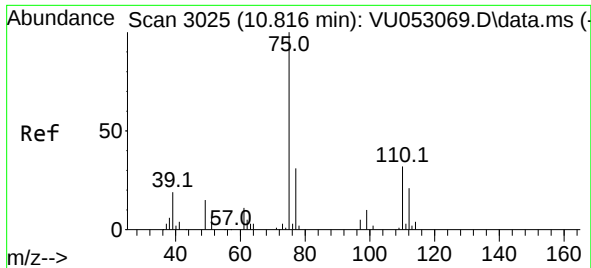
Tgt Ion: 63 Resp: 4052  
Ion Ratio Lower Upper  
63 100  
112 0.0 2.7 4.1#



#48  
2-Hexanone  
Concen: 3.005 ug/L  
RT: 8.630 min Scan# 2345  
Delta R.T. -0.051 min  
Lab File: VU053082.D  
Acq: 13 Feb 2023 15:47

Tgt Ion: 43 Resp: 9112  
Ion Ratio Lower Upper  
43 100  
58 42.9 50.3 75.5#  
57 28.1 17.4 26.0#  
100 0.2 10.2 15.2#





#61  
 1,2,3-Trichloropropane  
 Concen: 1.346 ug/L  
 RT: 11.810 min Scan# 31  
 Delta R.T. 0.994 min  
 Lab File: VU053082.D  
 Acq: 13 Feb 2023 15:47

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
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Tgt Ion: 75 Resp: 6009  
 Ion Ratio Lower Upper  
 75 100  
 110 0.0 28.6 42.8#  
 77 37.2 27.6 41.4

