

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU060923\  
 Data File : VU054472.D  
 Acq On : 09 Jun 2023 19:01  
 Operator : MD/SY  
 Sample : 03104-01  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Jun 12 01:02:58 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR060723WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Mon Jun 12 00:58:03 2023  
 Response via : Initial Calibration

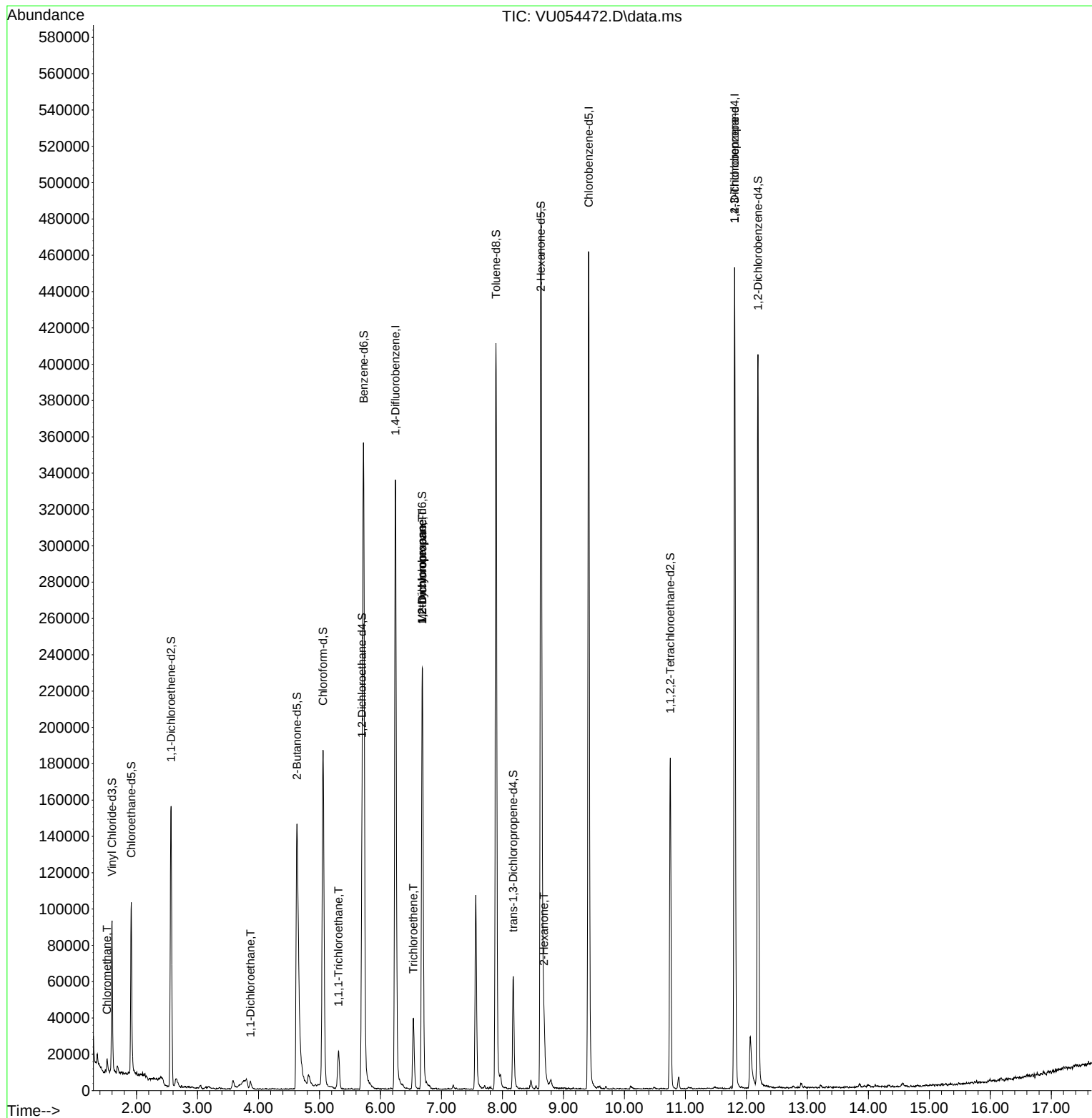
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114            | 279016   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.415  | 117            | 267608   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152            | 122259   | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.599  | 65             | 62831    | 3.538  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 70.800%  |          |
| 7) Chloroethane-d5            | 1.914  | 69             | 70077    | 4.215  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 84.400%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.566  | 65             | 30217    | 3.810  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 76.200%  |          |
| 20) 2-Butanone-d5             | 4.631  | 46             | 266202   | 53.320 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 106.640% |          |
| 24) Chloroform-d              | 5.058  | 84             | 175450   | 4.727  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 94.600%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.698  | 65             | 91197    | 5.040  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 100.800% |          |
| 32) Benzene-d6                | 5.724  | 84             | 336619   | 4.525  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 90.600%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67             | 119546   | 4.812  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 96.200%  |          |
| 41) Toluene-d8                | 7.894  | 98             | 280345   | 4.246  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 85.000%  |          |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79             | 38323    | 4.436  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 88.800%  |          |
| 46) 2-Hexanone-d5             | 8.630  | 63             | 166648   | 45.979 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 91.960%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84             | 93270    | 5.035  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 100.600% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152            | 110074   | 5.338  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 106.800% |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 3) Chloromethane              | 1.518  | 50             | 4626     | 0.154  | ug/L     | 93       |
| 19) 1,1-Dichloroethane        | 3.869  | 63             | 5056     | 0.117  | ug/L     | 87       |
| 29) 1,1,1-Trichloroethane     | 5.312  | 97             | 14723    | 0.406  | ug/L     | 99       |
| 34) Trichloroethene           | 6.540  | 95             | 13523    | 0.532  | ug/L     | 93       |
| 35) Methylcyclohexane         | 6.685  | 83             | 26093    | 0.679  | ug/L #   | 16       |
| 37) 1,2-Dichloropropane       | 6.688  | 63             | 12596    | 0.484  | ug/L #   | 91       |
| 48) 2-Hexanone                | 8.682  | 43             | 18641    | 1.803  | ug/L     | 91       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75             | 15332    | 1.241  | ug/L #   | 69       |

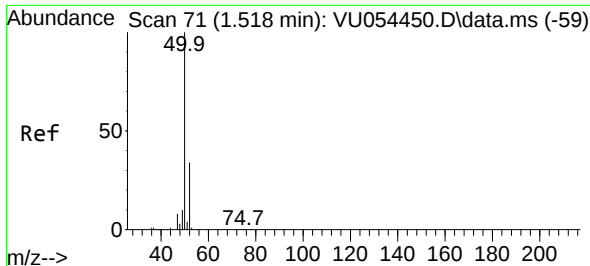
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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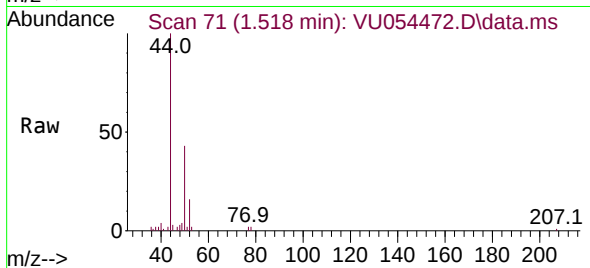
Quant Time: Jun 12 01:02:58 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR060723WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Mon Jun 12 00:58:03 2023  
Response via : Initial Calibration



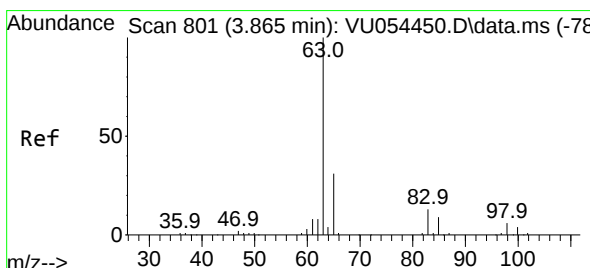
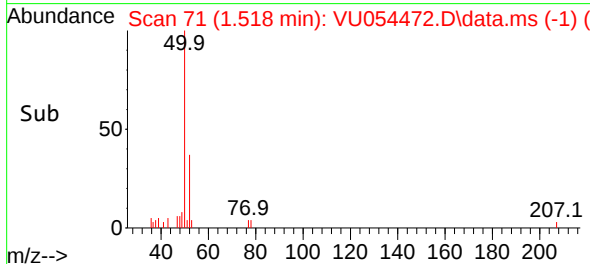
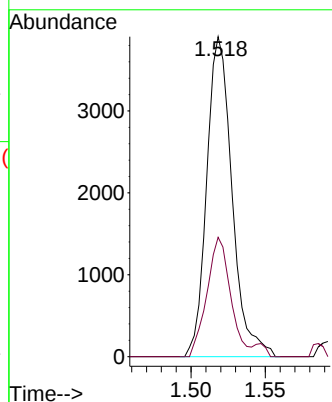


#3  
Chloromethane  
Concen: 0.154 ug/L  
RT: 1.518 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VU054472.D  
Acq: 09 Jun 2023 19:01

Instrument :  
MSVOA\_U  
ClientSampleId :

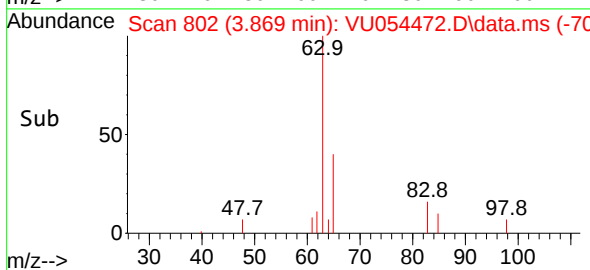
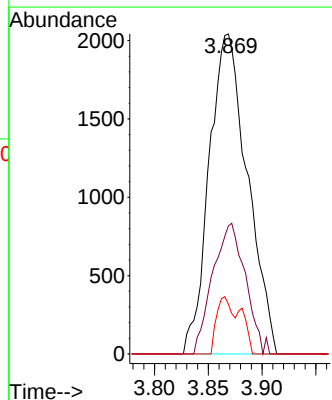
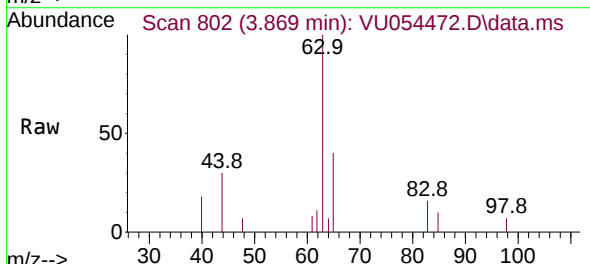


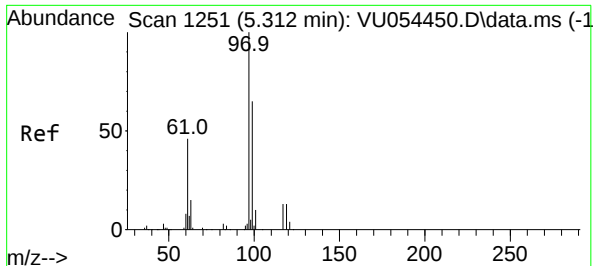
Tgt Ion: 50 Resp: 4626  
Ion Ratio Lower Upper  
50 100  
52 37.3 23.4 43.4



#19  
1,1-Dichloroethane  
Concen: 0.117 ug/L  
RT: 3.869 min Scan# 802  
Delta R.T. 0.003 min  
Lab File: VU054472.D  
Acq: 09 Jun 2023 19:01

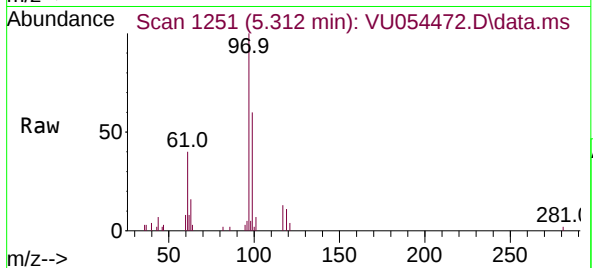
Tgt Ion: 63 Resp: 5056  
Ion Ratio Lower Upper  
63 100  
65 40.0 22.2 41.2  
83 15.6 9.0 16.6



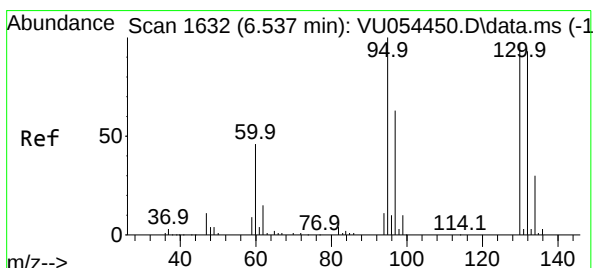
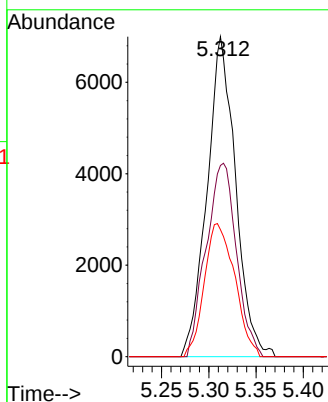
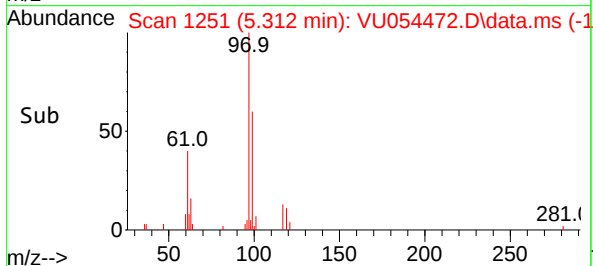


#29  
1,1,1-Trichloroethane  
Concen: 0.406 ug/L  
RT: 5.312 min Scan# 1251  
Delta R.T. -0.000 min  
Lab File: VU054472.D  
Acq: 09 Jun 2023 19:01

Instrument :  
MSVOA\_U  
ClientSampleId :

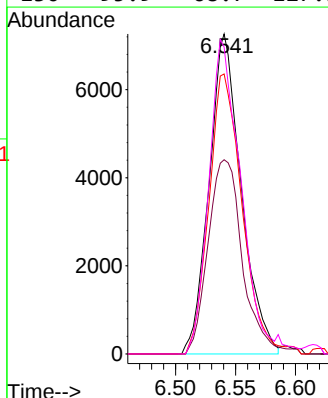
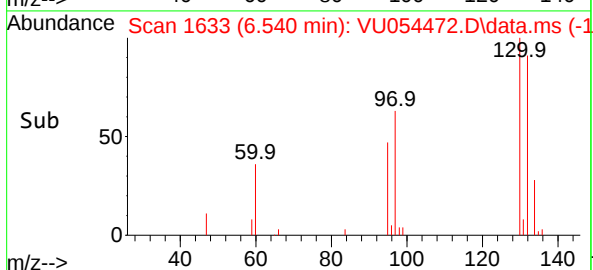
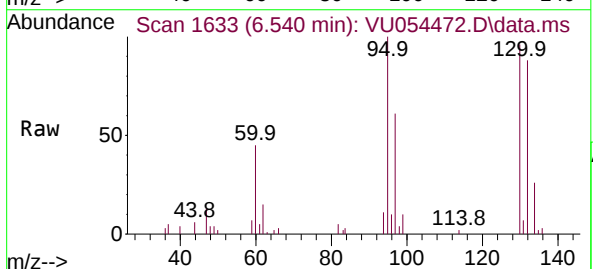


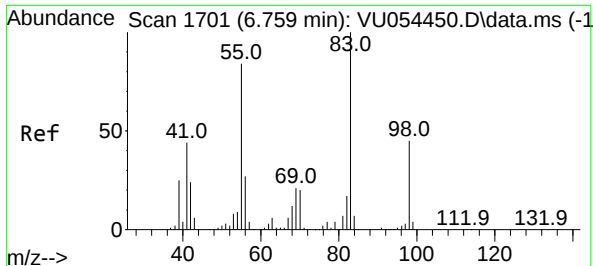
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 14723 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 64.0  | 50.8  | 76.2  |
| 61       | 44.2  | 36.1  | 54.1  |



#34  
Trichloroethene  
Concen: 0.532 ug/L  
RT: 6.540 min Scan# 1633  
Delta R.T. 0.003 min  
Lab File: VU054472.D  
Acq: 09 Jun 2023 19:01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 95    | Resp: | 13523 |
| Ion      | Ratio | Lower | Upper |
| 95       | 100   |       |       |
| 97       | 60.7  | 46.8  | 87.0  |
| 132      | 87.5  | 68.4  | 127.0 |
| 130      | 95.9  | 68.7  | 127.5 |





#35

Methylcyclohexane

Concen: 0.679 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU054472.D

Acq: 09 Jun 2023 19:01

Instrument :

MSVOA\_U

ClientSampleId :

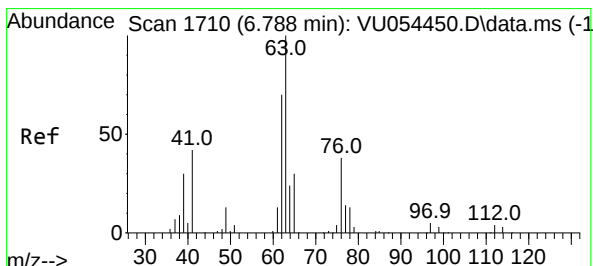
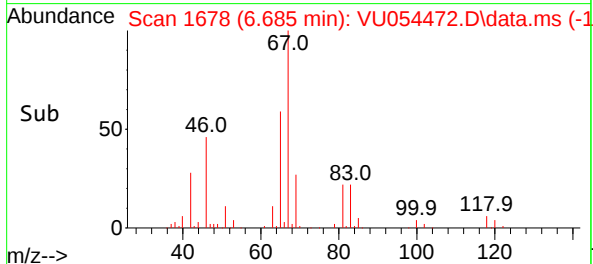
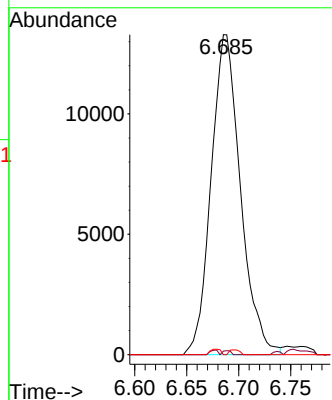
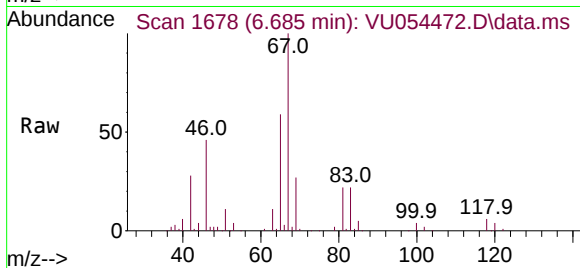
Tgt Ion: 83 Resp: 26093

Ion Ratio Lower Upper

83 100

55 0.3 67.1 100.7#

98 0.5 35.1 52.7#



#37

1,2-Dichloropropane

Concen: 0.484 ug/L

RT: 6.688 min Scan# 1679

Delta R.T. -0.100 min

Lab File: VU054472.D

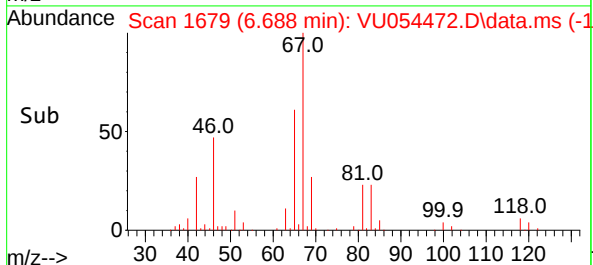
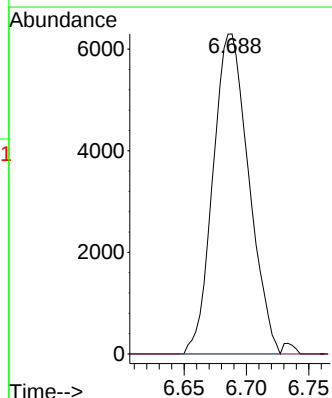
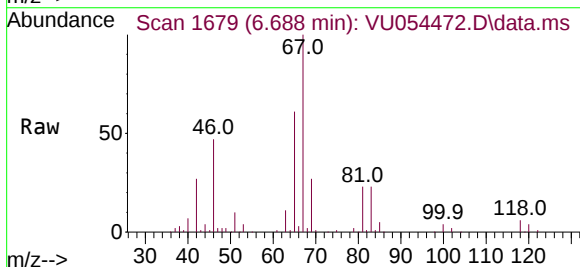
Acq: 09 Jun 2023 19:01

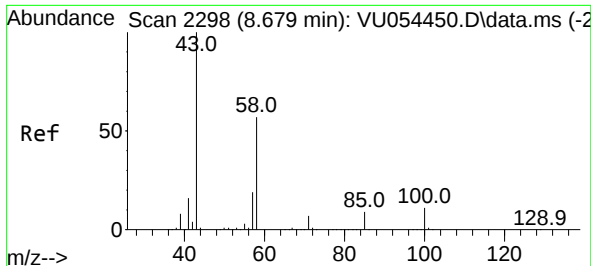
Tgt Ion: 63 Resp: 12596

Ion Ratio Lower Upper

63 100

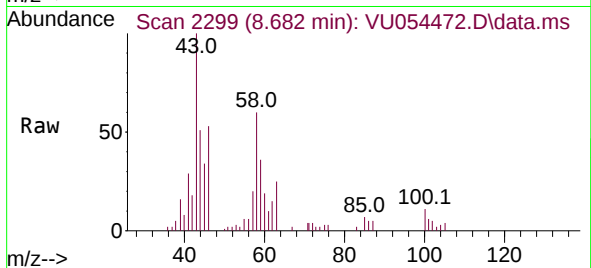
112 0.7 3.0 4.6#



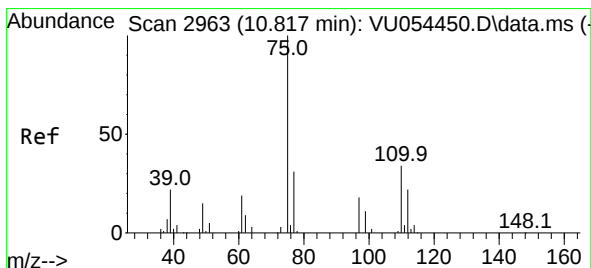
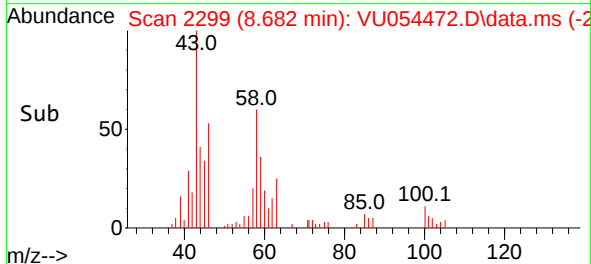
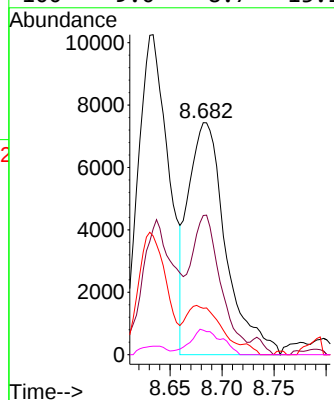


#48  
2-Hexanone  
Concen: 1.803 ug/L  
RT: 8.682 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: VU054472.D  
Acq: 09 Jun 2023 19:01

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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 18641 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 47.9  | 45.2  | 67.8  |
| 57       | 21.0  | 15.8  | 23.6  |
| 100      | 9.0   | 8.7   | 13.1  |



#61  
1,2,3-Trichloropropane  
Concen: 1.241 ug/L  
RT: 11.807 min Scan# 3271  
Delta R.T. 0.990 min  
Lab File: VU054472.D  
Acq: 09 Jun 2023 19:01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 15332 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 2.8   | 28.0  | 42.0# |
| 77       | 29.3  | 25.4  | 38.2  |

