

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU063023\  
 Data File : VU054730.D  
 Acq On : 30 Jun 2023 18:20  
 Operator : MD/SY  
 Sample : 03495-06  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 H0FA8

Quant Time: Jul 03 06:47:14 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR060723WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Mon Jul 03 06:42:02 2023  
 Response via : Initial Calibration

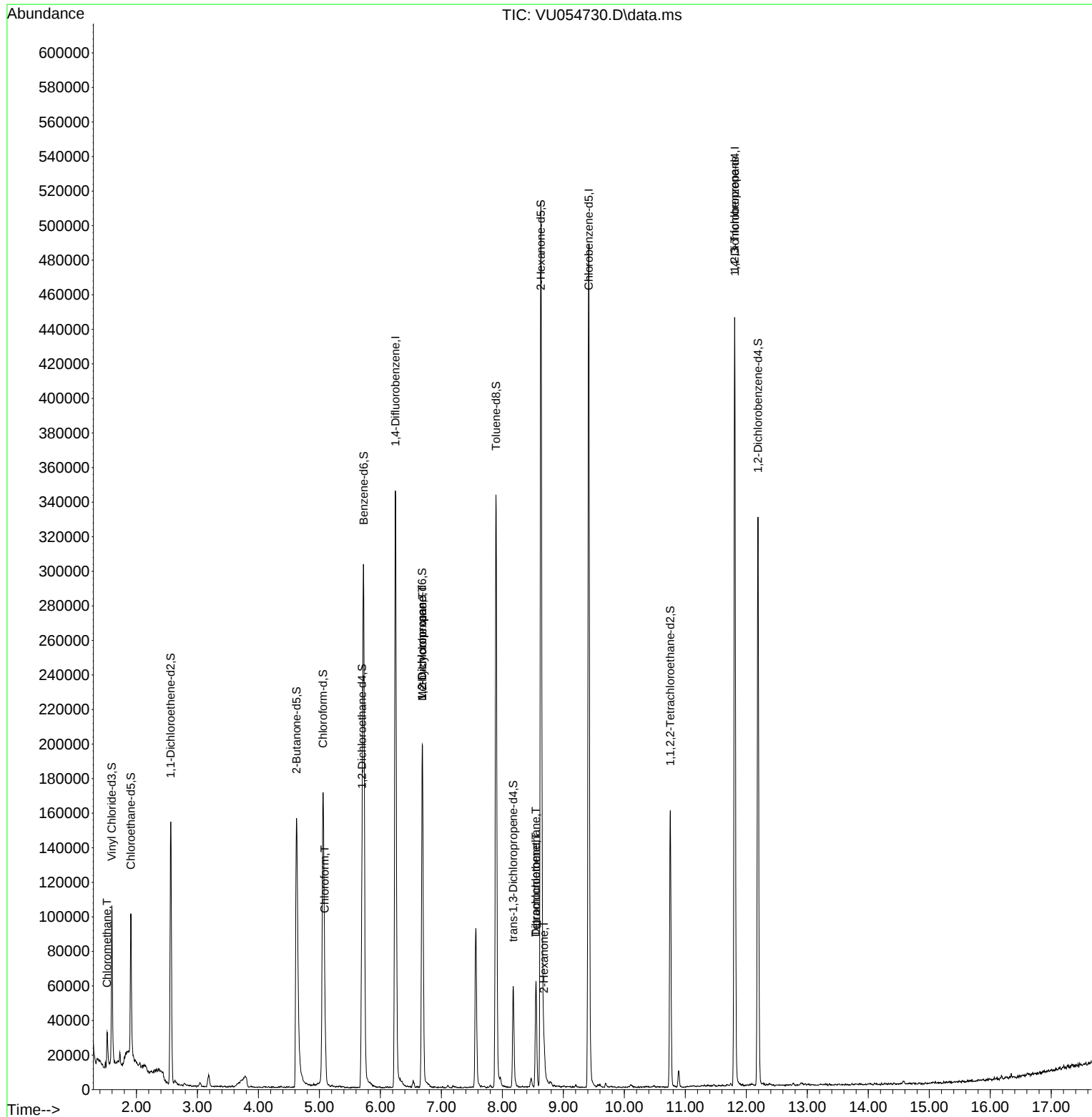
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114   | 270126   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.415  | 117   | 268563   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.811 | 152   | 118882   | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 71596    | 4.165    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 83.200%  |
| 7) Chloroethane-d5            | 1.908  | 69    | 65619    | 4.077    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 81.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 29621    | 3.858    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 77.200%  |
| 20) 2-Butanone-d5             | 4.624  | 46    | 250177   | 51.760   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 103.520% |
| 24) Chloroform-d              | 5.059  | 84    | 149552   | 4.162    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 83.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.698  | 65    | 79336    | 4.529    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 90.600%  |
| 32) Benzene-d6                | 5.724  | 84    | 279252   | 3.741    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 74.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67    | 98250    | 3.941    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 78.800%  |
| 41) Toluene-d8                | 7.894  | 98    | 229116   | 3.458    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 69.200%# |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 34116    | 3.935    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 78.600%  |
| 46) 2-Hexanone-d5             | 8.631  | 63    | 166967   | 45.903   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 91.800%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84    | 82802    | 4.454    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 89.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   | 85356    | 4.257    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 85.200%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 3) Chloromethane              | 1.518  | 50    | 14876    | 0.513    | ug/L   | 94       |
| 25) Chloroform                | 5.084  | 83    | 31764    | 0.770    | ug/L   | 99       |
| 35) Methylcyclohexane         | 6.689  | 83    | 22000    | 0.570    | ug/L # | 16       |
| 37) 1,2-Dichloropropane       | 6.685  | 63    | 10568    | 0.405    | ug/L # | 92       |
| 47) Tetrachloroethene         | 8.550  | 164   | 14272    | 0.731    | ug/L   | 97       |
| 48) 2-Hexanone                | 8.682  | 43    | 9638     | 0.929    | ug/L # | 67       |
| 49) Dibromochloromethane      | 8.550  | 129   | 13428    | 0.770    | ug/L # | 11       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75    | 14141    | 1.177    | ug/L # | 66       |
| -----                         |        |       |          |          |        |          |

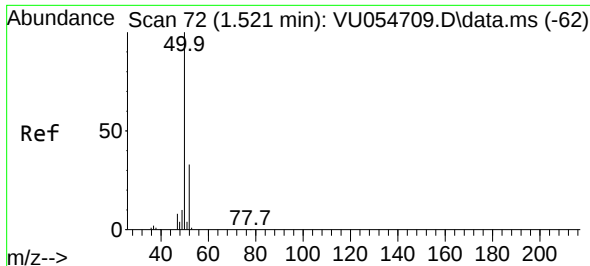
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jul 03 06:42:02 2023  
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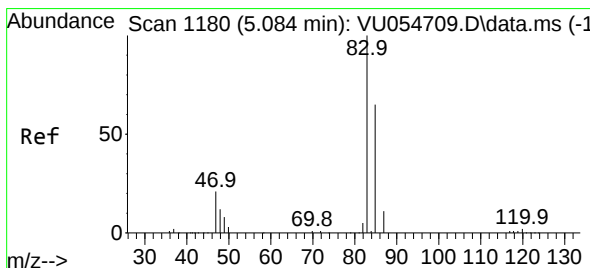
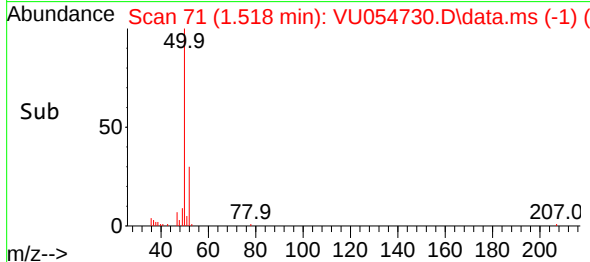
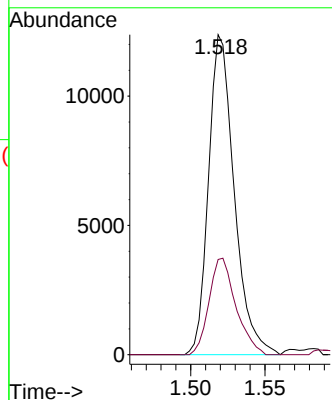
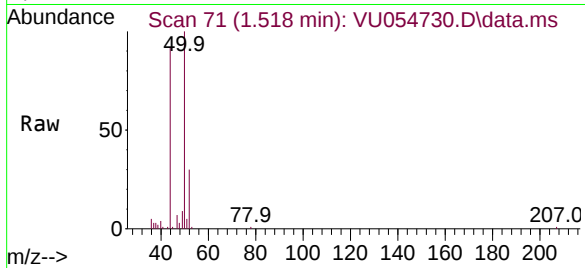




#3  
Chloromethane  
Concen: 0.513 ug/L  
RT: 1.518 min Scan# 71  
Delta R.T. -0.003 min  
Lab File: VU054730.D  
Acq: 30 Jun 2023 18:20

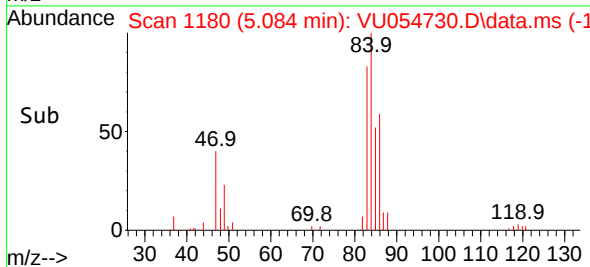
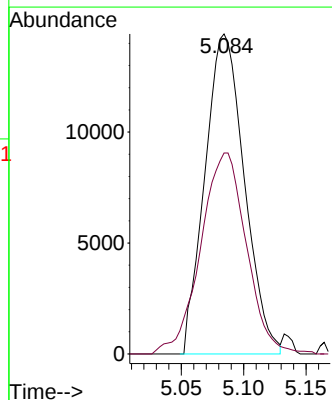
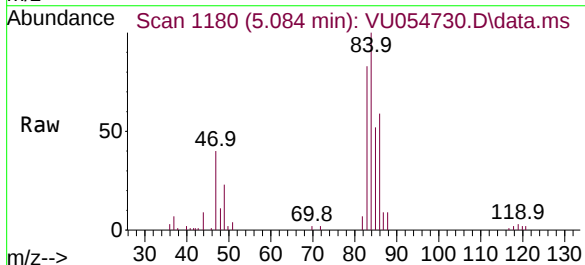
Instrument :  
MSVOA\_U  
ClientSampleId :  
H0FA8

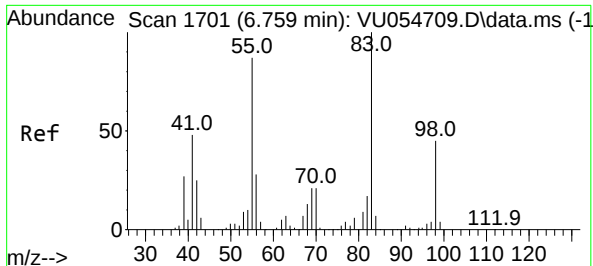
Tgt Ion: 50 Resp: 14876  
Ion Ratio Lower Upper  
50 100  
52 29.7 23.4 43.4



#25  
Chloroform  
Concen: 0.770 ug/L  
RT: 5.084 min Scan# 1180  
Delta R.T. 0.000 min  
Lab File: VU054730.D  
Acq: 30 Jun 2023 18:20

Tgt Ion: 83 Resp: 31764  
Ion Ratio Lower Upper  
83 100  
85 62.8 44.7 82.9

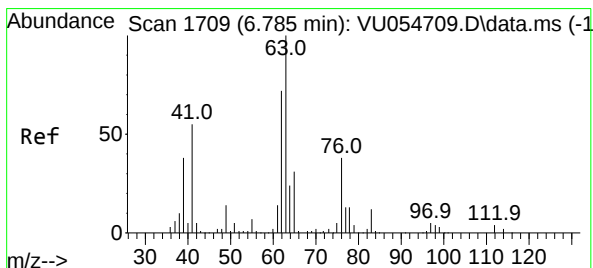
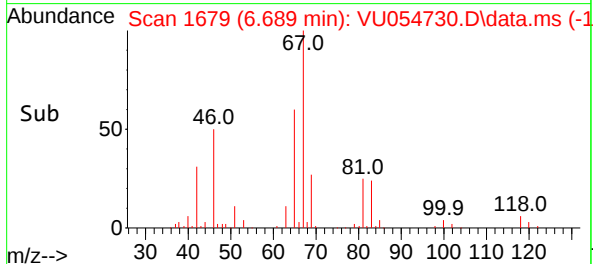
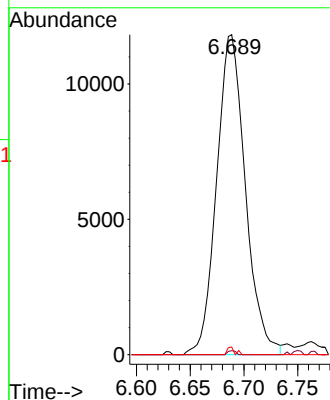
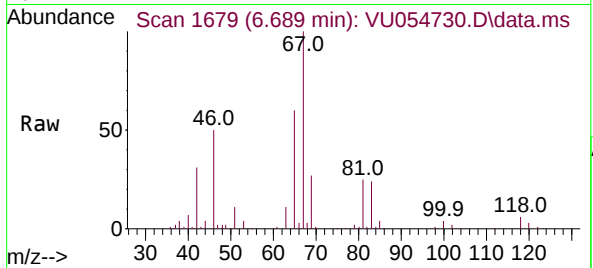




#35  
Methylcyclohexane  
Concen: 0.570 ug/L  
RT: 6.689 min Scan# 1679  
Delta R.T. -0.071 min  
Lab File: VU054730.D  
Acq: 30 Jun 2023 18:20

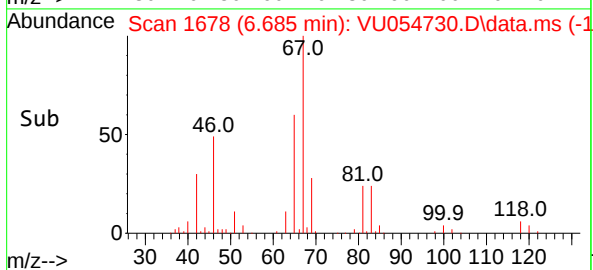
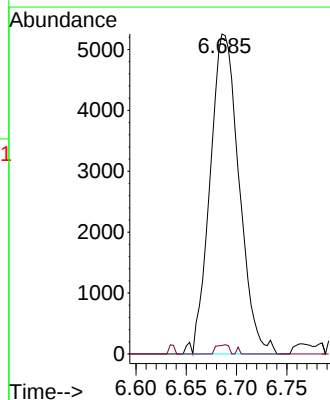
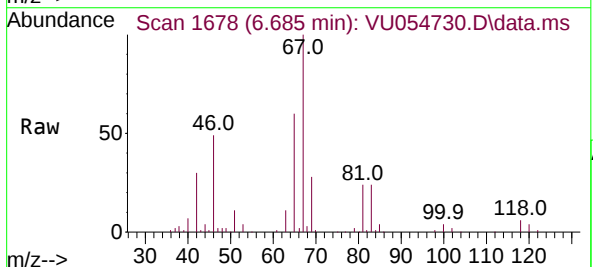
Instrument :  
MSVOA\_U  
ClientSampleId :  
H0FA8

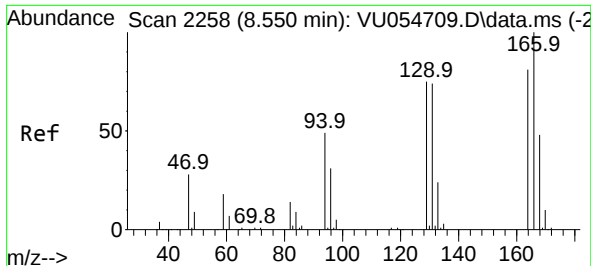
Tgt Ion: 83 Resp: 22000  
Ion Ratio Lower Upper  
83 100  
55 0.3 67.1 100.7#  
98 0.6 35.1 52.7#



#37  
1,2-Dichloropropane  
Concen: 0.405 ug/L  
RT: 6.685 min Scan# 1678  
Delta R.T. -0.099 min  
Lab File: VU054730.D  
Acq: 30 Jun 2023 18:20

Tgt Ion: 63 Resp: 10568  
Ion Ratio Lower Upper  
63 100  
112 1.2 3.0 4.6#





#47

Tetrachloroethene

Concen: 0.731 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.000 min

Lab File: VU054730.D

Acq: 30 Jun 2023 18:20

Instrument :

MSVOA\_U

ClientSampleId :

H0FA8

Tgt Ion:164 Resp: 14272

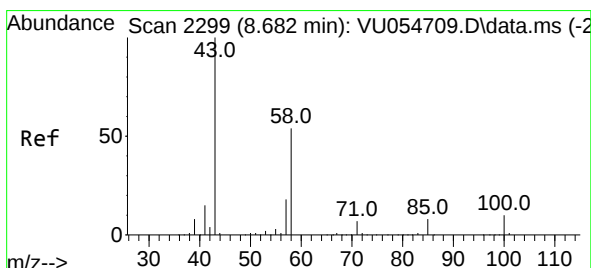
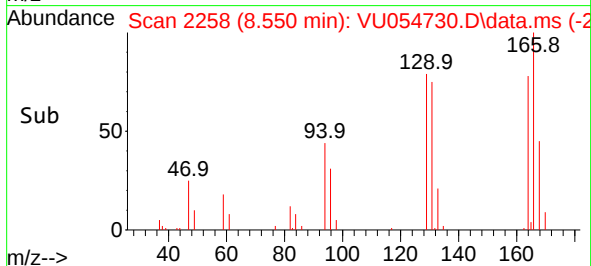
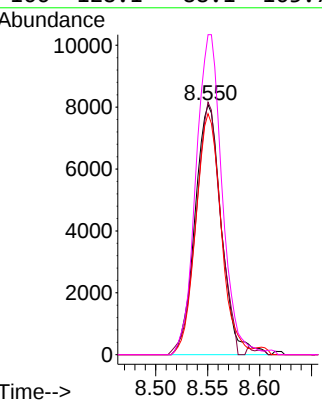
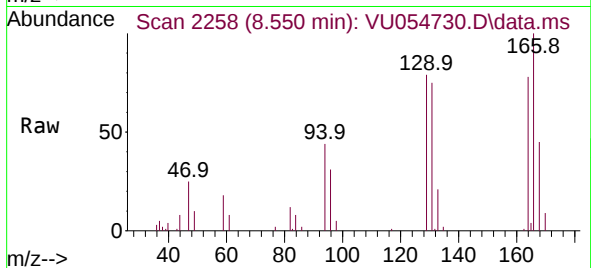
Ion Ratio Lower Upper

164 100

129 101.0 67.7 125.7

131 96.4 64.6 120.0

166 128.1 88.1 163.7



#48

2-Hexanone

Concen: 0.929 ug/L

RT: 8.682 min Scan# 2299

Delta R.T. 0.000 min

Lab File: VU054730.D

Acq: 30 Jun 2023 18:20

Tgt Ion: 43 Resp: 9638

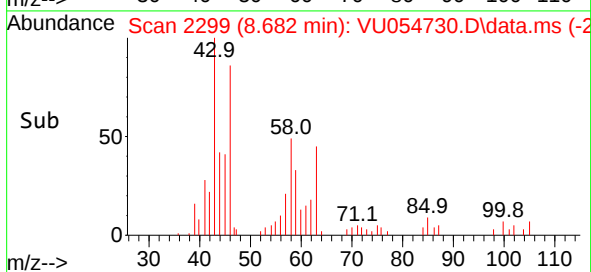
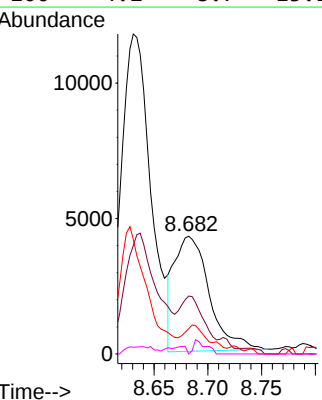
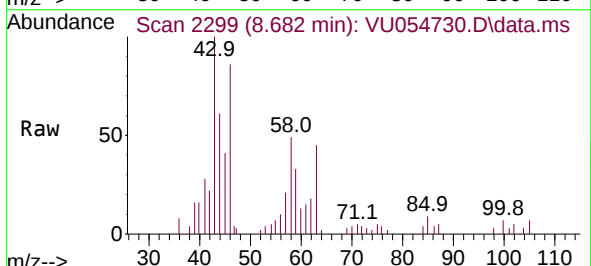
Ion Ratio Lower Upper

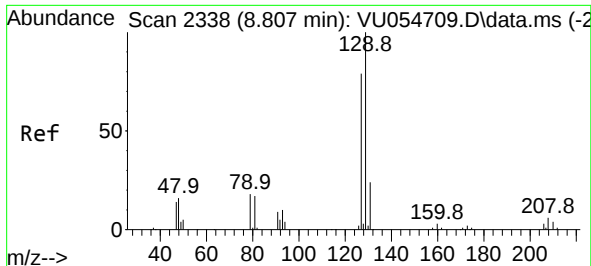
43 100

58 25.0 45.2 67.8#

57 13.0 15.8 23.6#

100 4.2 8.7 13.1#





#49

Dibromochloromethane

Concen: 0.770 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU054730.D

Acq: 30 Jun 2023 18:20

Instrument :

MSVOA\_U

ClientSampleId :

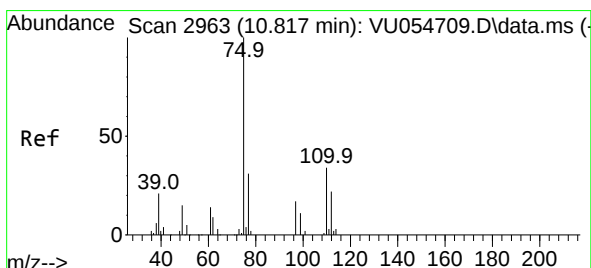
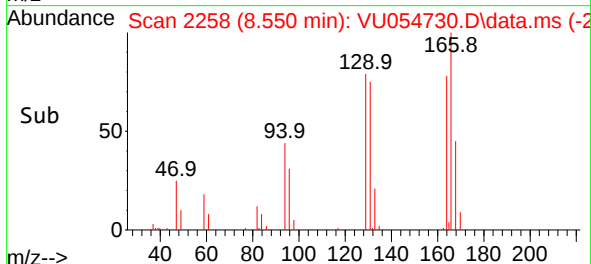
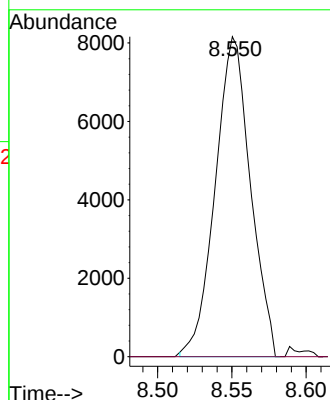
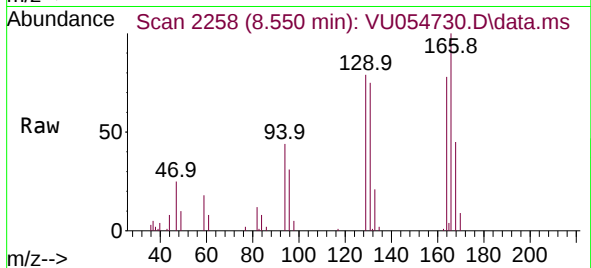
H0FA8

Tgt Ion:129 Resp: 13428

Ion Ratio Lower Upper

129 100

127 0.0 53.2 98.8#



#61

1,2,3-Trichloropropane

Concen: 1.177 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.991 min

Lab File: VU054730.D

Acq: 30 Jun 2023 18:20

Tgt Ion: 75 Resp: 14141

Ion Ratio Lower Upper

75 100

110 2.5 28.0 42.0#

77 37.4 25.4 38.2

