

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU070323\  
 Data File : VU054756.D  
 Acq On : 03 Jul 2023 18:08  
 Operator : MD/SY  
 Sample : 03505-05  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 A4716

Quant Time: Jul 05 04:44:45 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR060723WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Jul 05 04:39:25 2023  
 Response via : Initial Calibration

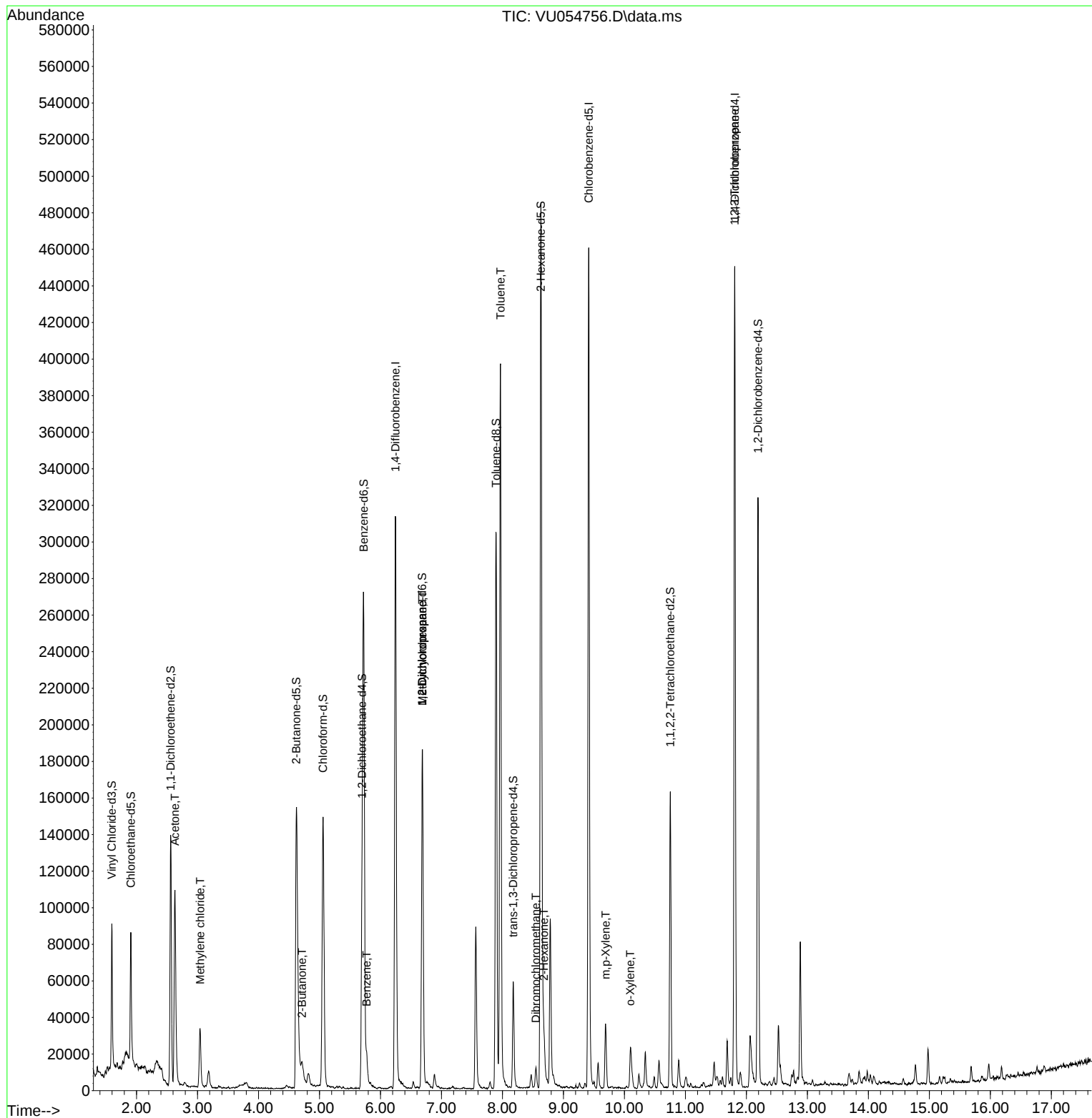
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114   | 250677   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.415  | 117   | 248930   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.811 | 152   | 118549   | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65    | 60557    | 3.796    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 76.000%  |
| 7) Chloroethane-d5            | 1.907  | 69    | 57300    | 3.836    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 76.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 25958    | 3.643    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 72.800%  |
| 20) 2-Butanone-d5             | 4.621  | 46    | 235853   | 52.582   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 105.160% |
| 24) Chloroform-d              | 5.058  | 84    | 136961   | 4.107    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 82.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.698  | 65    | 73712    | 4.535    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 90.600%  |
| 32) Benzene-d6                | 5.724  | 84    | 252718   | 3.652    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 73.000%  |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67    | 92509    | 4.003    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 80.000%  |
| 41) Toluene-d8                | 7.894  | 98    | 210339   | 3.425    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 68.600%# |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 33411    | 4.158    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 83.200%  |
| 46) 2-Hexanone-d5             | 8.631  | 63    | 159911   | 47.431   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 94.860%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84    | 78680    | 4.566    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 91.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   | 84181    | 4.210    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 84.200%  |
|                               |        |       |          |          |        |          |
| Target Compounds              | Qvalue |       |          |          |        |          |
| 13) Acetone                   | 2.631  | 43    | 129798   | 30.691   | ug/L   | 99       |
| 16) Methylene chloride        | 3.042  | 84    | 14952    | 0.585    | ug/L   | 97       |
| 21) 2-Butanone                | 4.714  | 43    | 18852    | 3.435    | ug/L   | 98       |
| 33) Benzene                   | 5.772  | 78    | 14010    | 0.157    | ug/L   | 100      |
| 35) Methylcyclohexane         | 6.689  | 83    | 20379    | 0.570    | ug/L # | 16       |
| 37) 1,2-Dichloropropane       | 6.689  | 63    | 10115    | 0.418    | ug/L # | 90       |
| 42) Toluene                   | 7.968  | 91    | 294483   | 3.196    | ug/L   | 100      |
| 48) 2-Hexanone                | 8.679  | 43    | 12537    | 1.303    | ug/L # | 83       |
| 49) Dibromochloromethane      | 8.550  | 129   | 2511     | 0.155    | ug/L # | 11       |
| 53) m,p-Xylene                | 9.692  | 106   | 10084    | 0.273    | ug/L   | 98       |
| 54) o-Xylene                  | 10.097 | 106   | 4848     | 0.136    | ug/L   | 98       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75    | 15414    | 1.287    | ug/L # | 70       |
| -----                         |        |       |          |          |        |          |

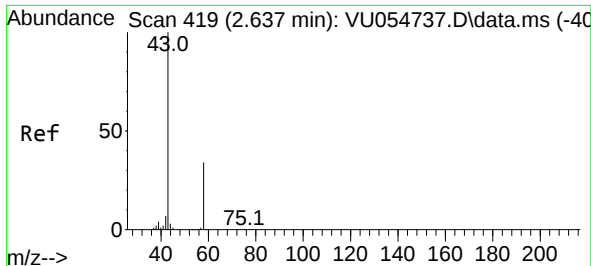
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 05 04:39:25 2023  
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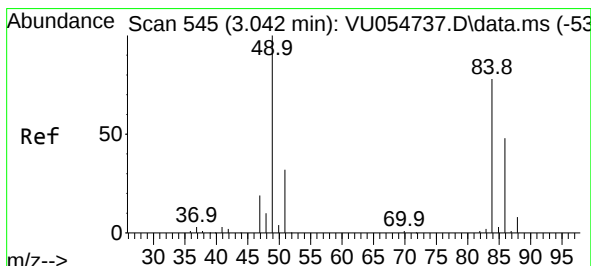
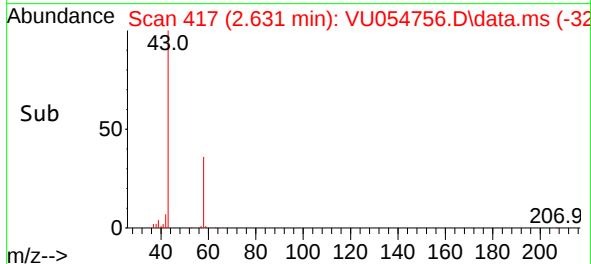
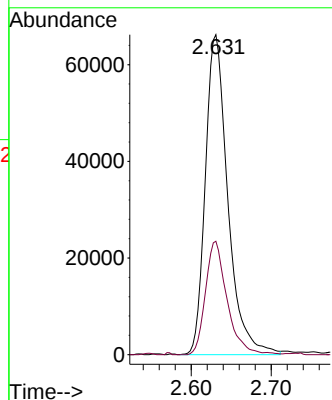
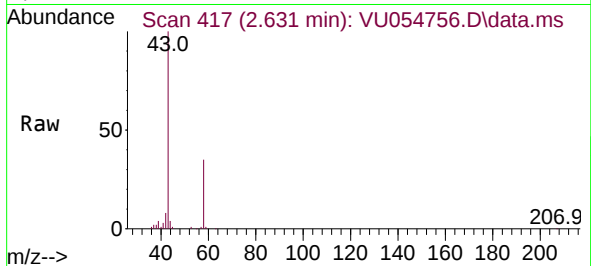




#13  
Acetone  
Concen: 30.691 ug/L  
RT: 2.631 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VU054756.D  
Acq: 03 Jul 2023 18:08

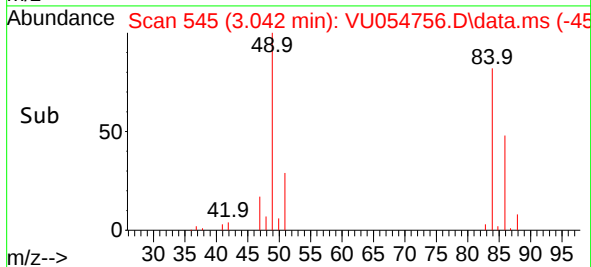
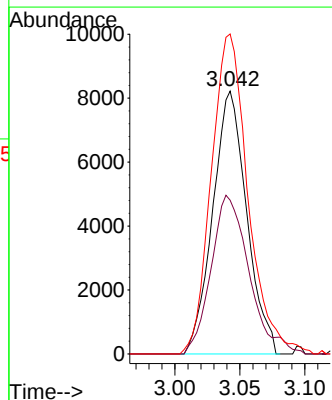
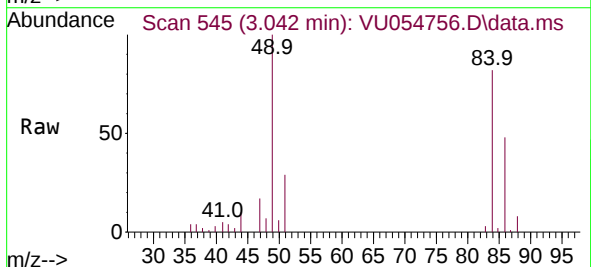
Instrument :  
MSVOA\_U  
ClientSampleId :  
A4716

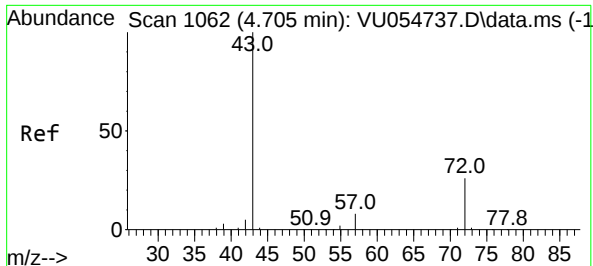
Tgt Ion: 43 Resp: 129798  
Ion Ratio Lower Upper  
43 100  
58 34.1 0.0 67.2



#16  
Methylene chloride  
Concen: 0.585 ug/L  
RT: 3.042 min Scan# 545  
Delta R.T. -0.000 min  
Lab File: VU054756.D  
Acq: 03 Jul 2023 18:08

Tgt Ion: 84 Resp: 14952  
Ion Ratio Lower Upper  
84 100  
86 58.5 43.9 81.5  
49 121.7 86.1 159.9





#21

2-Butanone

Concen: 3.435 ug/L

RT: 4.714 min Scan# 1065

Delta R.T. 0.010 min

Lab File: VU054756.D

Acq: 03 Jul 2023 18:08

Instrument :

MSVOA\_U

ClientSampleId :

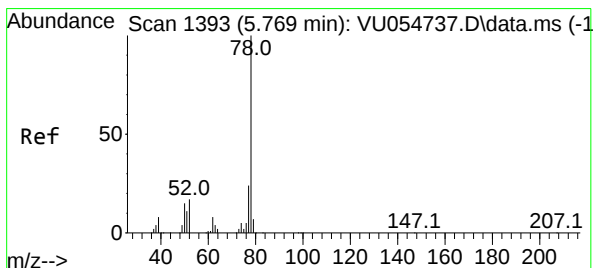
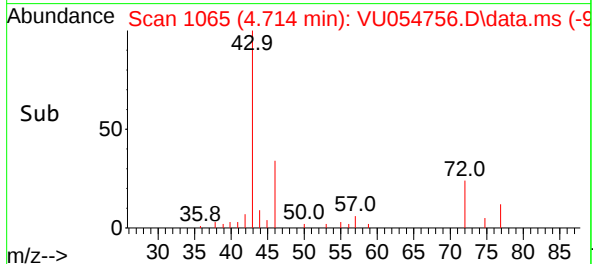
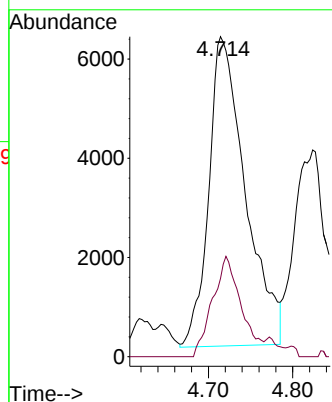
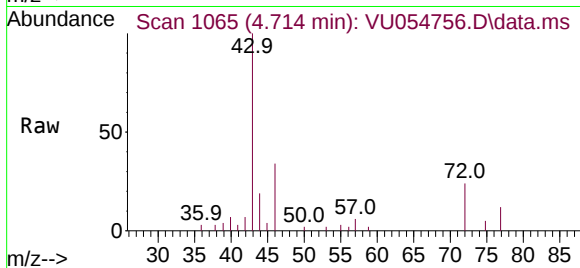
A4716

Tgt Ion: 43 Resp: 18852

Ion Ratio Lower Upper

43 100

72 25.4 13.4 40.1



#33

Benzene

Concen: 0.157 ug/L

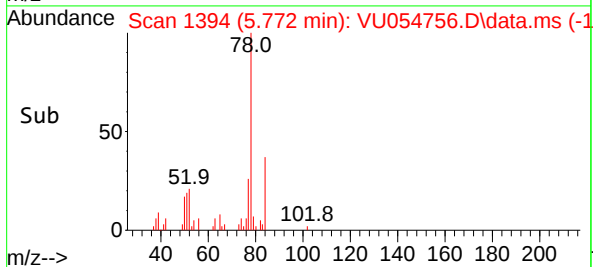
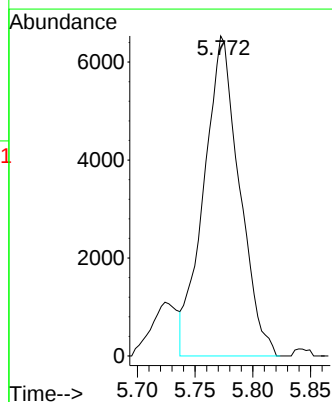
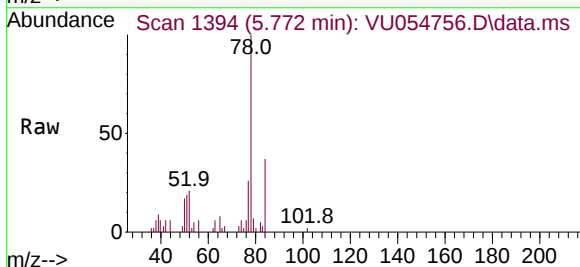
RT: 5.772 min Scan# 1394

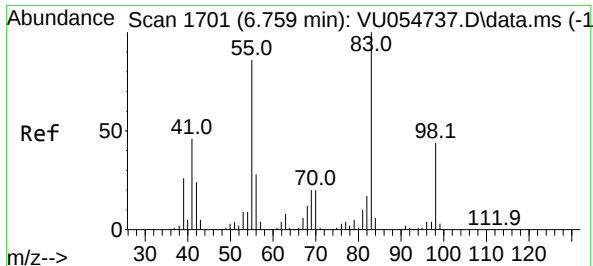
Delta R.T. 0.003 min

Lab File: VU054756.D

Acq: 03 Jul 2023 18:08

Tgt Ion: 78 Resp: 14010





#35

Methylcyclohexane

Concen: 0.570 ug/L

RT: 6.689 min Scan# 1679

Delta R.T. -0.071 min

Lab File: VU054756.D

Acq: 03 Jul 2023 18:08

Instrument :

MSVOA\_U

ClientSampleId :

A4716

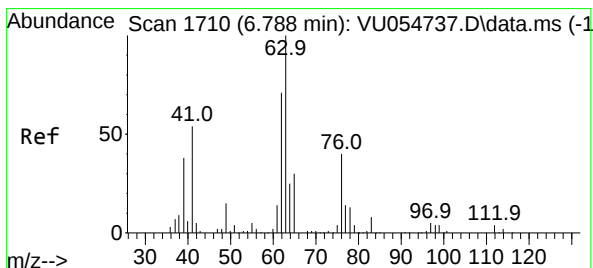
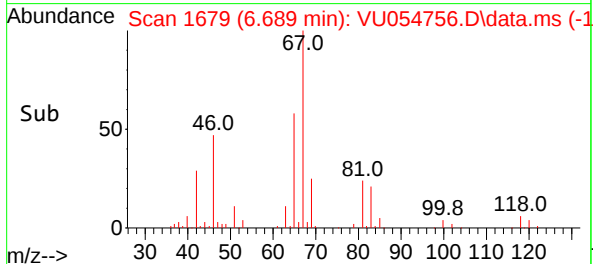
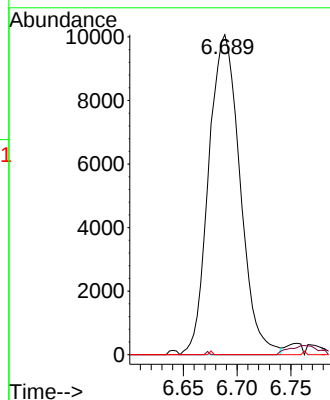
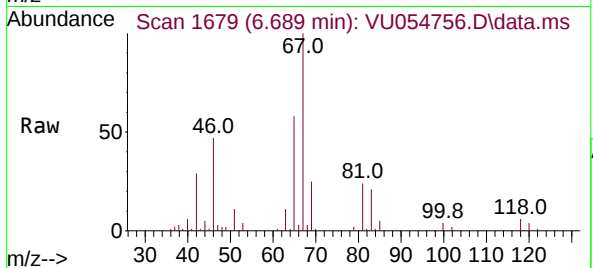
Tgt Ion: 83 Resp: 20379

Ion Ratio Lower Upper

83 100

55 0.0 67.1 100.7#

98 0.1 35.1 52.7#



#37

1,2-Dichloropropane

Concen: 0.418 ug/L

RT: 6.689 min Scan# 1679

Delta R.T. -0.100 min

Lab File: VU054756.D

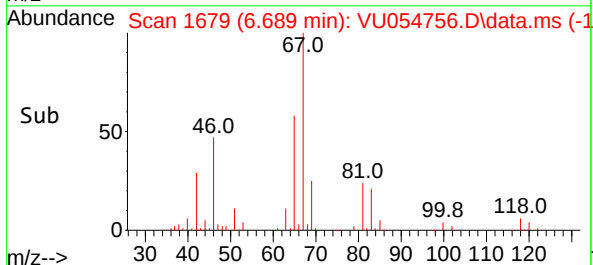
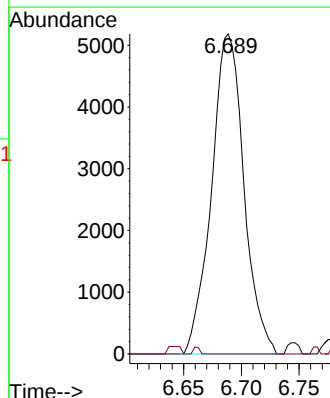
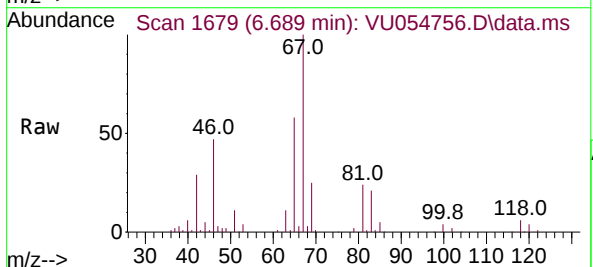
Acq: 03 Jul 2023 18:08

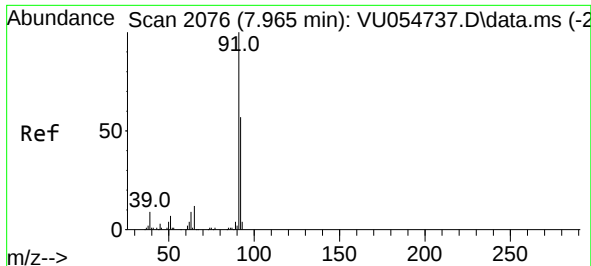
Tgt Ion: 63 Resp: 10115

Ion Ratio Lower Upper

63 100

112 0.4 3.0 4.6#





#42

Toluene

Concen: 3.196 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU054756.D

Acq: 03 Jul 2023 18:08

Instrument :

MSVOA\_U

ClientSampleId :

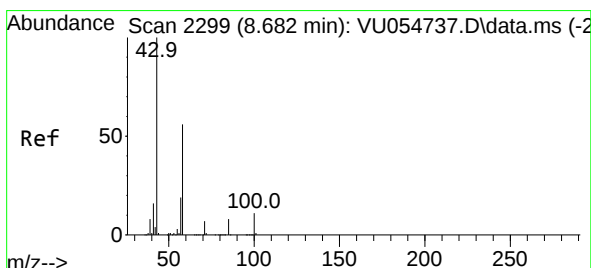
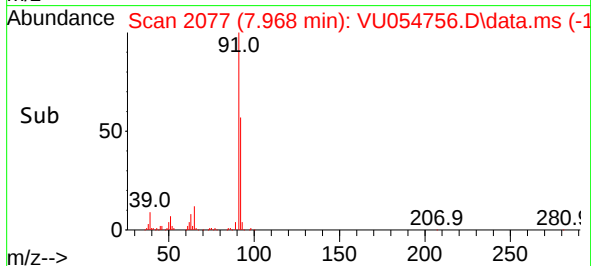
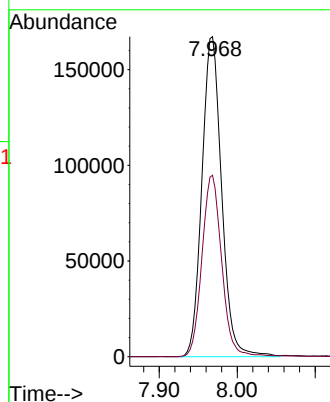
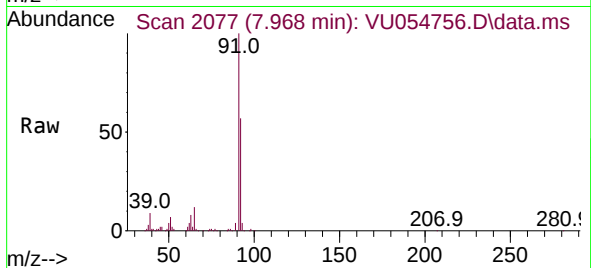
A4716

Tgt Ion: 91 Resp: 294483

Ion Ratio Lower Upper

91 100

92 56.7 39.5 73.4



#48

2-Hexanone

Concen: 1.303 ug/L

RT: 8.679 min Scan# 2298

Delta R.T. -0.003 min

Lab File: VU054756.D

Acq: 03 Jul 2023 18:08

Tgt Ion: 43 Resp: 12537

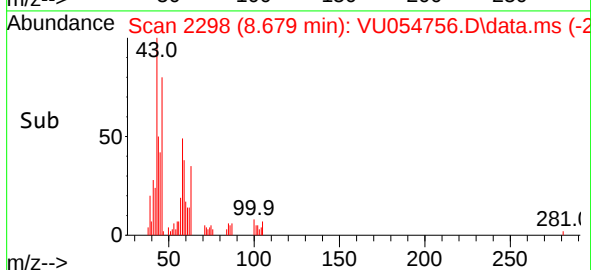
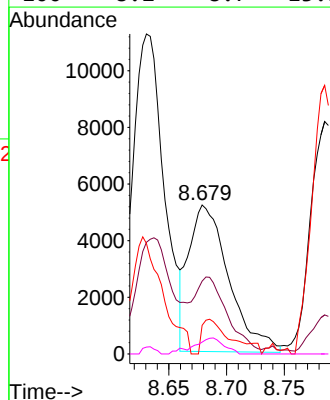
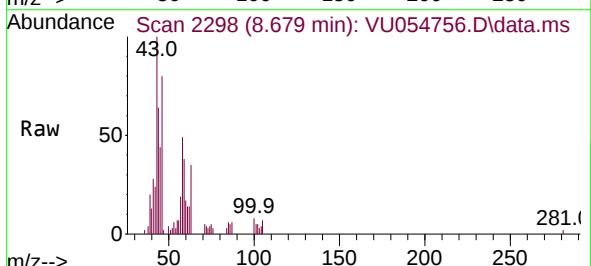
Ion Ratio Lower Upper

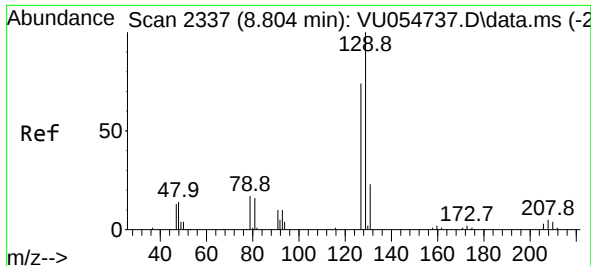
43 100

58 40.2 45.2 67.8#

57 16.7 15.8 23.6

100 8.2 8.7 13.1#





#49

Dibromochloromethane

Concen: 0.155 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU054756.D

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MSVOA\_U

ClientSampleId :

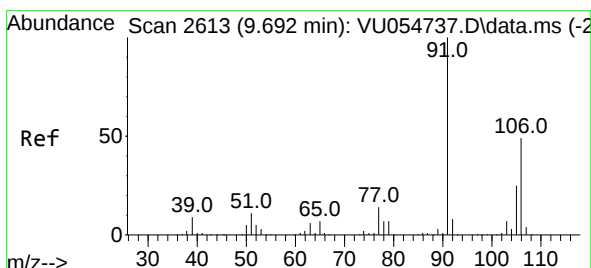
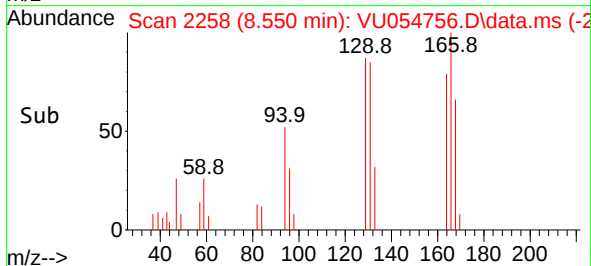
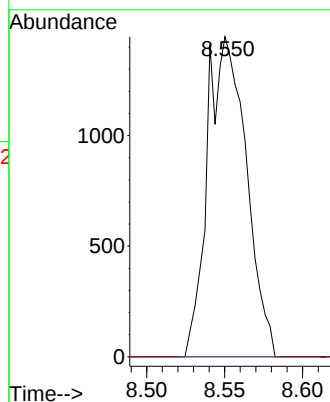
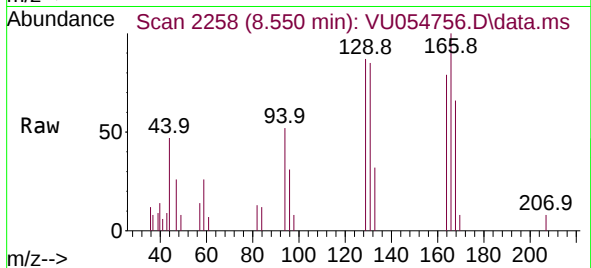
A4716

Tgt Ion:129 Resp: 2511

Ion Ratio Lower Upper

129 100

127 0.0 53.2 98.8#



#53

m,p-Xylene

Concen: 0.273 ug/L

RT: 9.692 min Scan# 2613

Delta R.T. -0.000 min

Lab File: VU054756.D

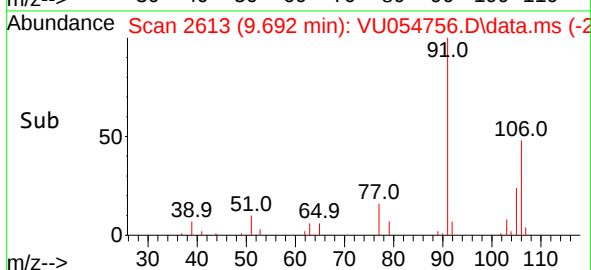
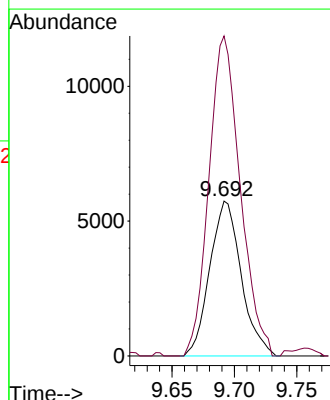
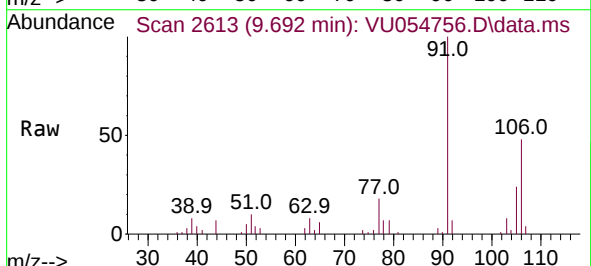
Acq: 03 Jul 2023 18:08

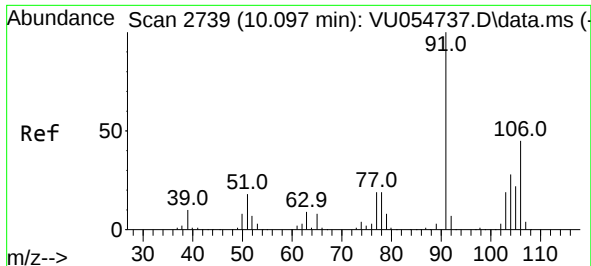
Tgt Ion:106 Resp: 10084

Ion Ratio Lower Upper

106 100

91 206.6 147.0 273.0

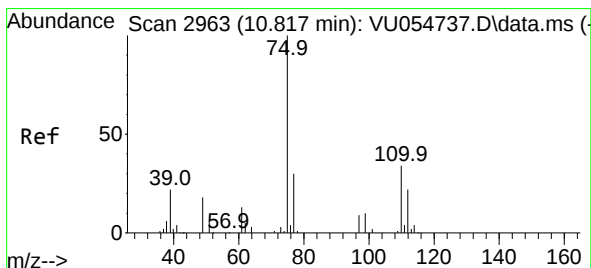
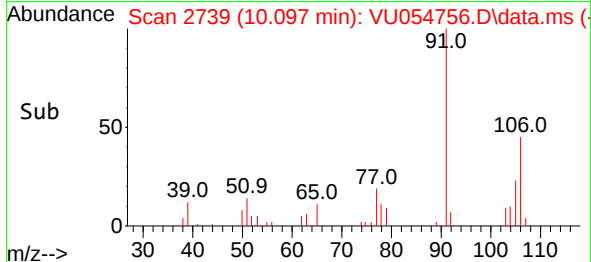
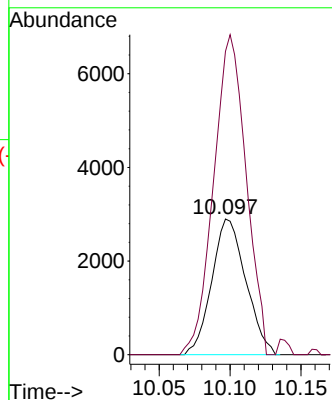
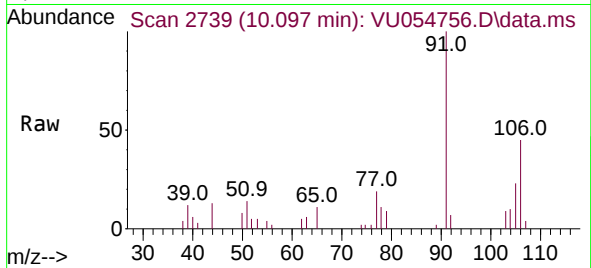




#54  
o-Xylene  
Concen: 0.136 ug/L  
RT: 10.097 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VU054756.D  
Acq: 03 Jul 2023 18:08

Instrument :  
MSVOA\_U  
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Tgt Ion:106 Resp: 4848  
Ion Ratio Lower Upper  
106 100  
91 223.6 154.5 286.9



#61  
1,2,3-Trichloropropane  
Concen: 1.287 ug/L  
RT: 11.807 min Scan# 3271  
Delta R.T. 0.990 min  
Lab File: VU054756.D  
Acq: 03 Jul 2023 18:08

Tgt Ion: 75 Resp: 15414  
Ion Ratio Lower Upper  
75 100  
110 2.9 28.0 42.0#  
77 32.7 25.4 38.2

