

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU070523\  
 Data File : VU054763.D  
 Acq On : 05 Jul 2023 11:55  
 Operator : MD/SY  
 Sample : 03495-10DL 10X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

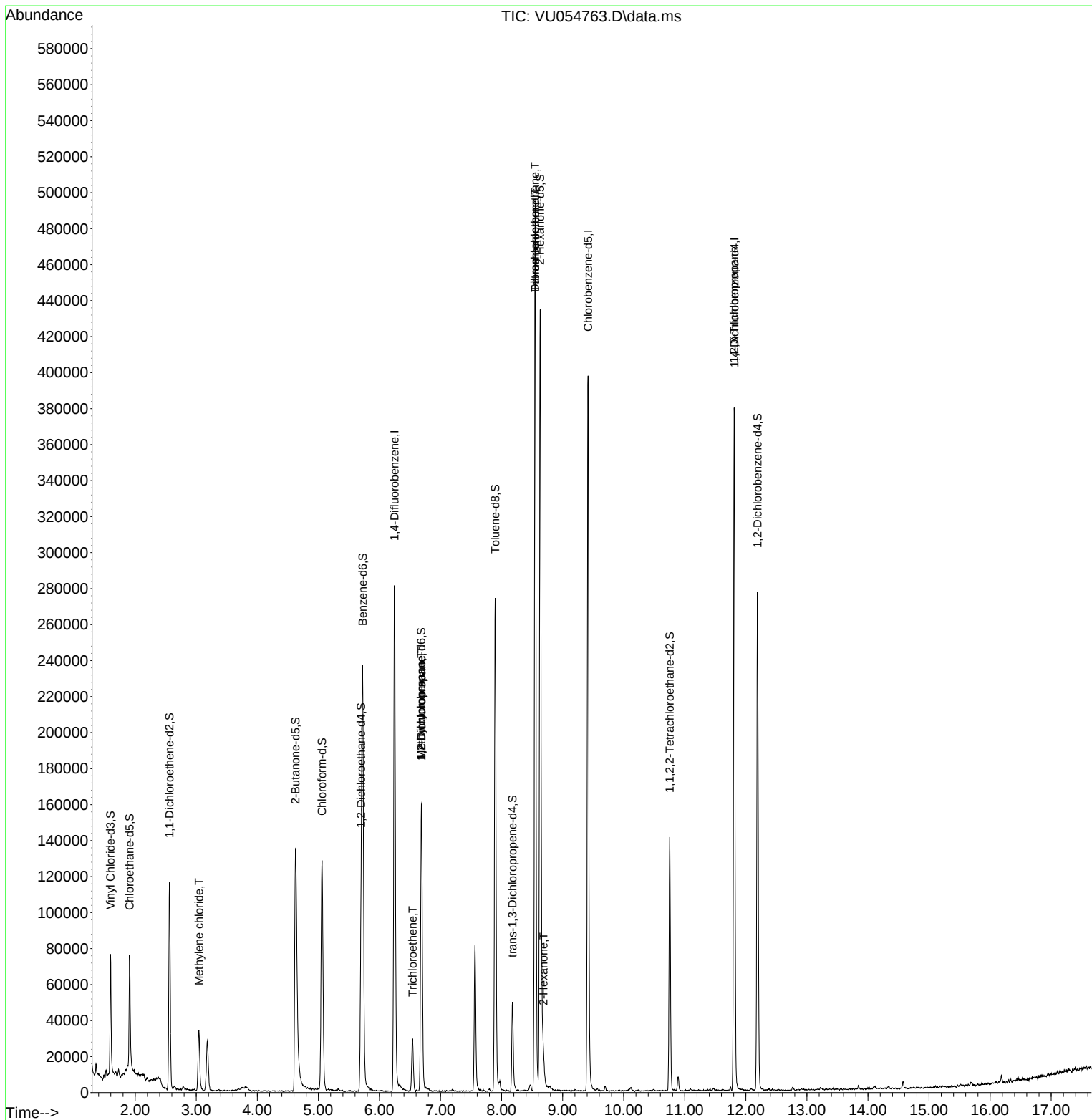
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 H0FB4DL

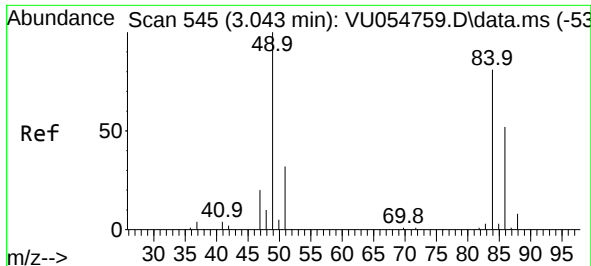
Quant Time: Jul 06 01:03:10 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR060723WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Jul 06 01:01:36 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114   | 223567   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.415  | 117   | 220294   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.811 | 152   | 101988   | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 50814    | 3.571    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 71.400%  |
| 7) Chloroethane-d5            | 1.907  | 69    | 49309    | 3.701    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 74.000%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 22929    | 3.608    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 72.200%  |
| 20) 2-Butanone-d5             | 4.624  | 46    | 207435   | 51.854   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 103.700% |
| 24) Chloroform-d              | 5.058  | 84    | 123018   | 4.136    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 82.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.698  | 65    | 65360    | 4.508    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 90.200%  |
| 32) Benzene-d6                | 5.724  | 84    | 222878   | 3.640    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 72.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67    | 78109    | 3.819    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 76.400%  |
| 41) Toluene-d8                | 7.894  | 98    | 181993   | 3.349    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 67.000%# |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 28699    | 4.035    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 80.800%  |
| 46) 2-Hexanone-d5             | 8.631  | 63    | 142598   | 47.793   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 95.580%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84    | 68972    | 4.523    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 90.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   | 75434    | 4.385    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 87.800%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 16) Methylene chloride        | 3.042  | 84    | 16192    | 0.710    | ug/L   | 96       |
| 34) Trichloroethene           | 6.544  | 95    | 9853     | 0.471    | ug/L   | 93       |
| 35) Methylcyclohexane         | 6.685  | 83    | 17321    | 0.547    | ug/L # | 16       |
| 37) 1,2-Dichloropropane       | 6.689  | 63    | 7978     | 0.373    | ug/L # | 91       |
| 47) Tetrachloroethene         | 8.550  | 164   | 112234   | 7.003    | ug/L   | 98       |
| 48) 2-Hexanone                | 8.685  | 43    | 8379     | 0.984    | ug/L # | 88       |
| 49) Dibromochloromethane      | 8.547  | 129   | 105072   | 7.348    | ug/L # | 11       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75    | 13313    | 1.292    | ug/L # | 71       |
| -----                         |        |       |          |          |        |          |

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

Quant Time: Jul 06 01:03:10 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR060723WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Thu Jul 06 01:01:36 2023  
Response via : Initial Calibration

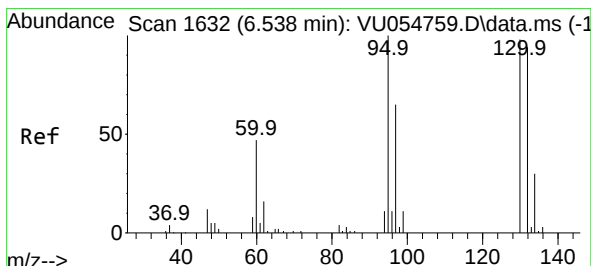
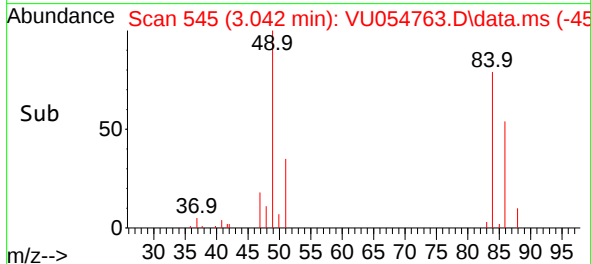
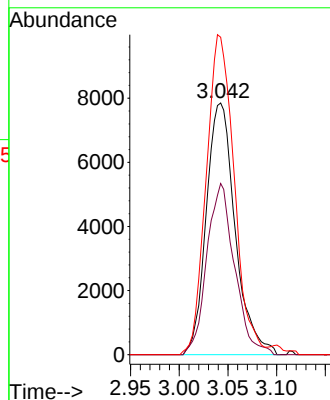
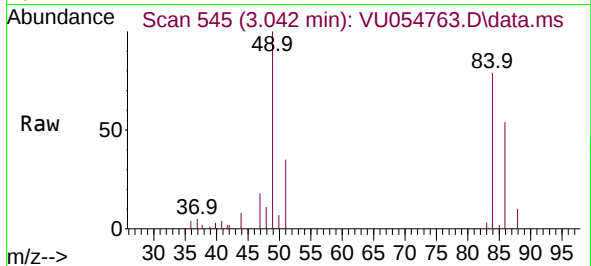




#16  
Methylene chloride  
Concen: 0.710 ug/L  
RT: 3.042 min Scan# 54  
Delta R.T. -0.000 min  
Lab File: VU054763.D  
Acq: 05 Jul 2023 11:55

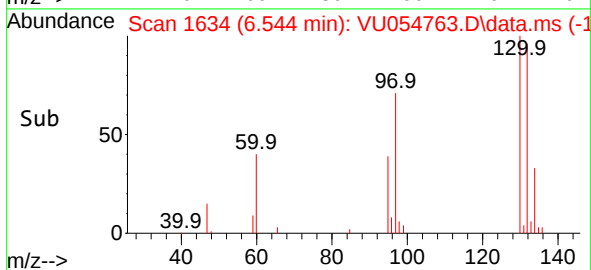
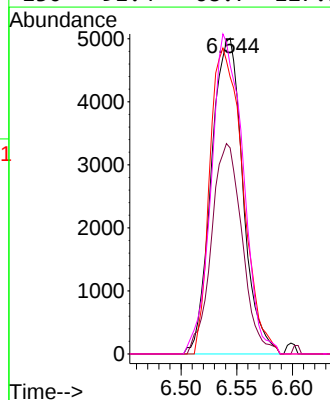
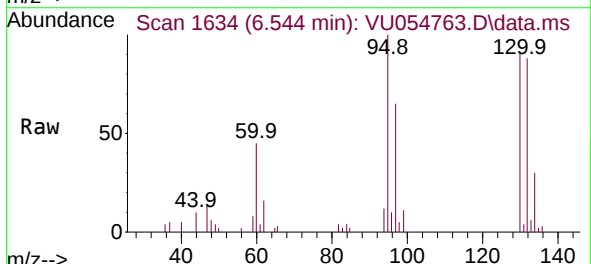
Instrument :  
MSVOA\_U  
ClientSampleId :  
H0FB4DL

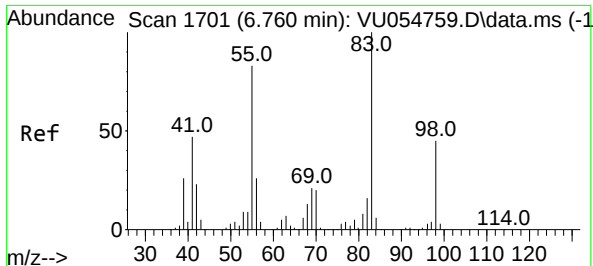
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 16192 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 86       | 68.0  | 43.9  | 81.5  |
| 49       | 126.1 | 86.1  | 159.9 |



#34  
Trichloroethene  
Concen: 0.471 ug/L  
RT: 6.544 min Scan# 1634  
Delta R.T. 0.006 min  
Lab File: VU054763.D  
Acq: 05 Jul 2023 11:55

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 95    | Resp: | 9853  |
| Ion      | Ratio | Lower | Upper |
| 95       | 100   |       |       |
| 97       | 65.3  | 46.8  | 87.0  |
| 132      | 87.7  | 68.4  | 127.0 |
| 130      | 91.4  | 68.7  | 127.5 |





#35

Methylcyclohexane

Concen: 0.547 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU054763.D

Acq: 05 Jul 2023 11:55

Instrument :

MSVOA\_U

ClientSampleId :

H0FB4DL

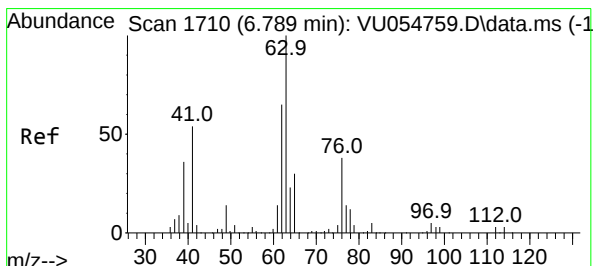
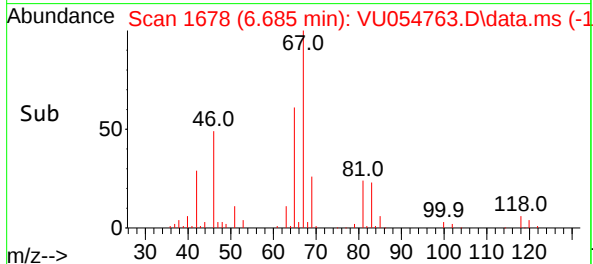
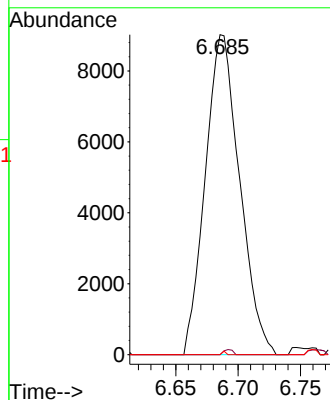
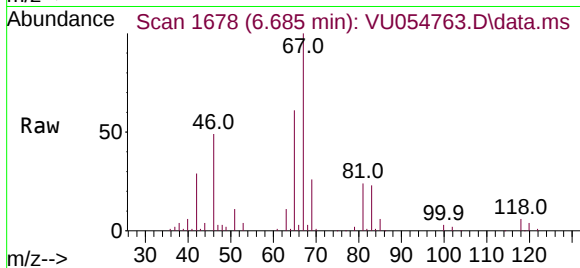
Tgt Ion: 83 Resp: 17321

Ion Ratio Lower Upper

83 100

55 0.4 67.1 100.7#

98 0.1 35.1 52.7#



#37

1,2-Dichloropropane

Concen: 0.373 ug/L

RT: 6.689 min Scan# 1679

Delta R.T. -0.100 min

Lab File: VU054763.D

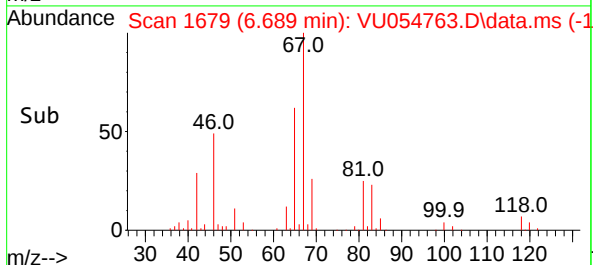
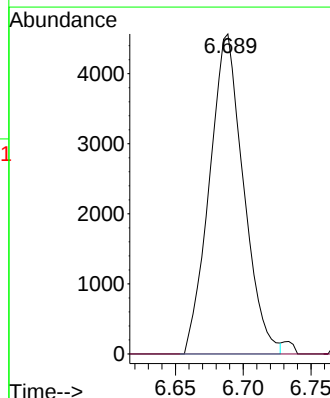
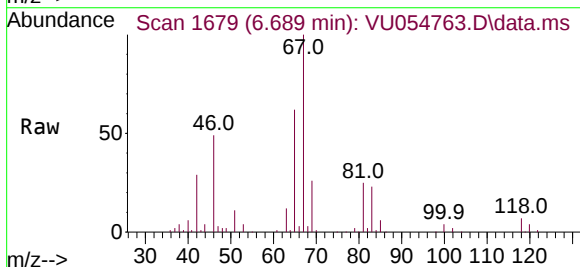
Acq: 05 Jul 2023 11:55

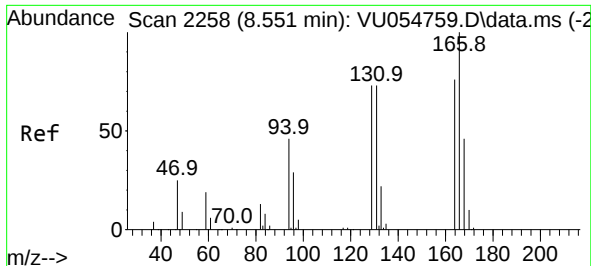
Tgt Ion: 63 Resp: 7978

Ion Ratio Lower Upper

63 100

112 0.9 3.0 4.6#





#47

Tetrachloroethene

Concen: 7.003 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU054763.D

Acq: 05 Jul 2023 11:55

Instrument :

MSVOA\_U

ClientSampleId :

H0FB4DL

Tgt Ion:164 Resp: 112234

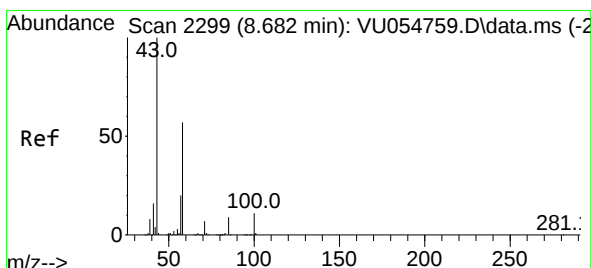
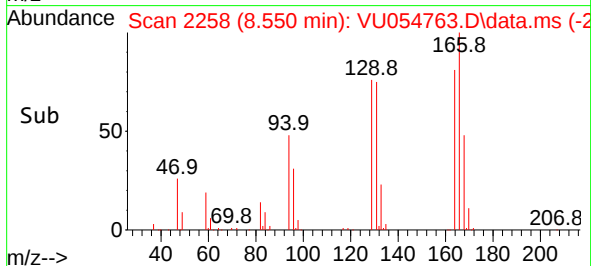
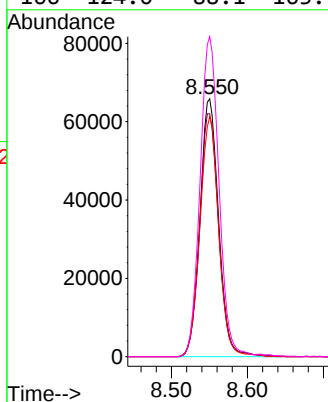
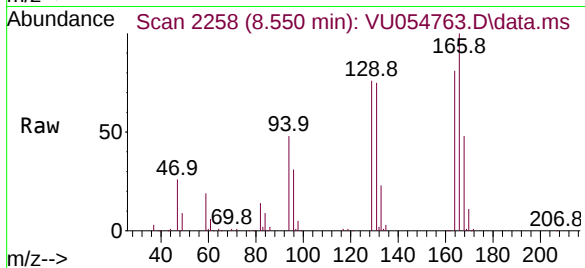
Ion Ratio Lower Upper

164 100

129 94.2 67.7 125.7

131 93.0 64.6 120.0

166 124.0 88.1 163.7



#48

2-Hexanone

Concen: 0.984 ug/L

RT: 8.685 min Scan# 2300

Delta R.T. 0.003 min

Lab File: VU054763.D

Acq: 05 Jul 2023 11:55

Tgt Ion: 43 Resp: 8379

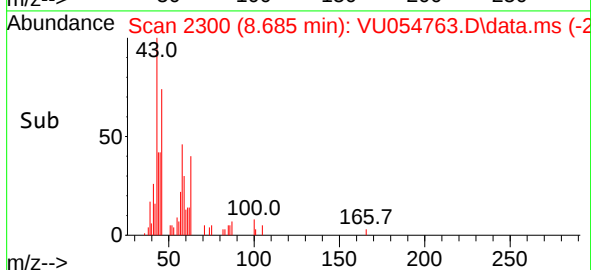
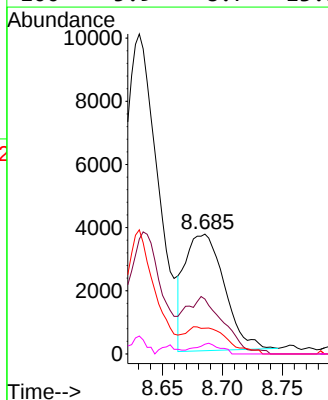
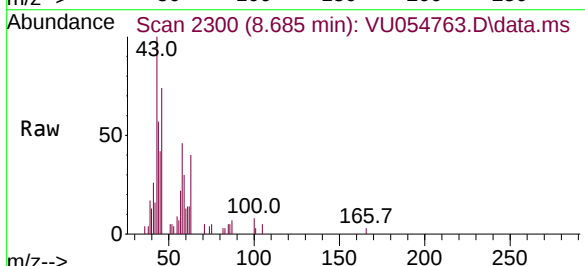
Ion Ratio Lower Upper

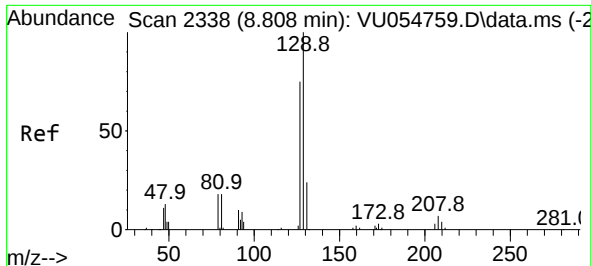
43 100

58 47.9 45.2 67.8

57 25.1 15.8 23.6#

100 5.9 8.7 13.1#





#49

Dibromochloromethane

Concen: 7.348 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.261 min

Lab File: VU054763.D

Acq: 05 Jul 2023 11:55

Instrument :

MSVOA\_U

ClientSampleId :

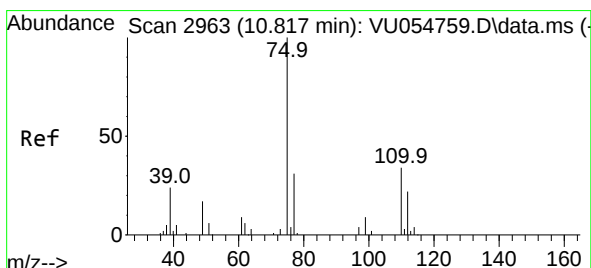
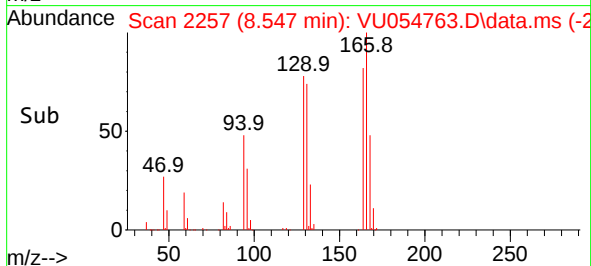
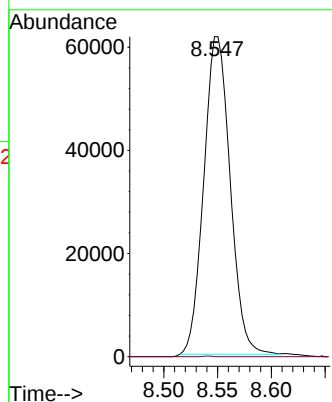
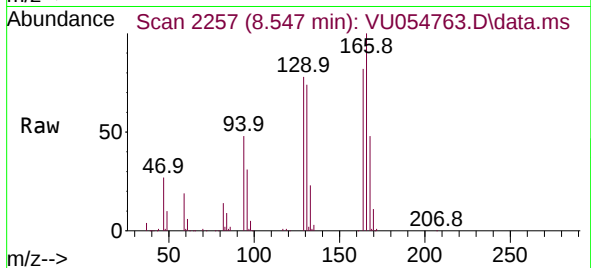
H0FB4DL

Tgt Ion:129 Resp: 105072

Ion Ratio Lower Upper

129 100

127 0.0 53.2 98.8#



#61

1,2,3-Trichloropropane

Concen: 1.292 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU054763.D

Acq: 05 Jul 2023 11:55

Tgt Ion: 75 Resp: 13313

Ion Ratio Lower Upper

75 100

110 3.2 28.0 42.0#

77 31.1 25.4 38.2

