

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU031124\  
 Data File : VU058038.D  
 Acq On : 11 Mar 2024 13:18  
 Operator : MD/SY  
 Sample : P1715-02  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Mar 12 03:08:24 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR022924WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Mar 12 03:05:49 2024  
 Response via : Initial Calibration

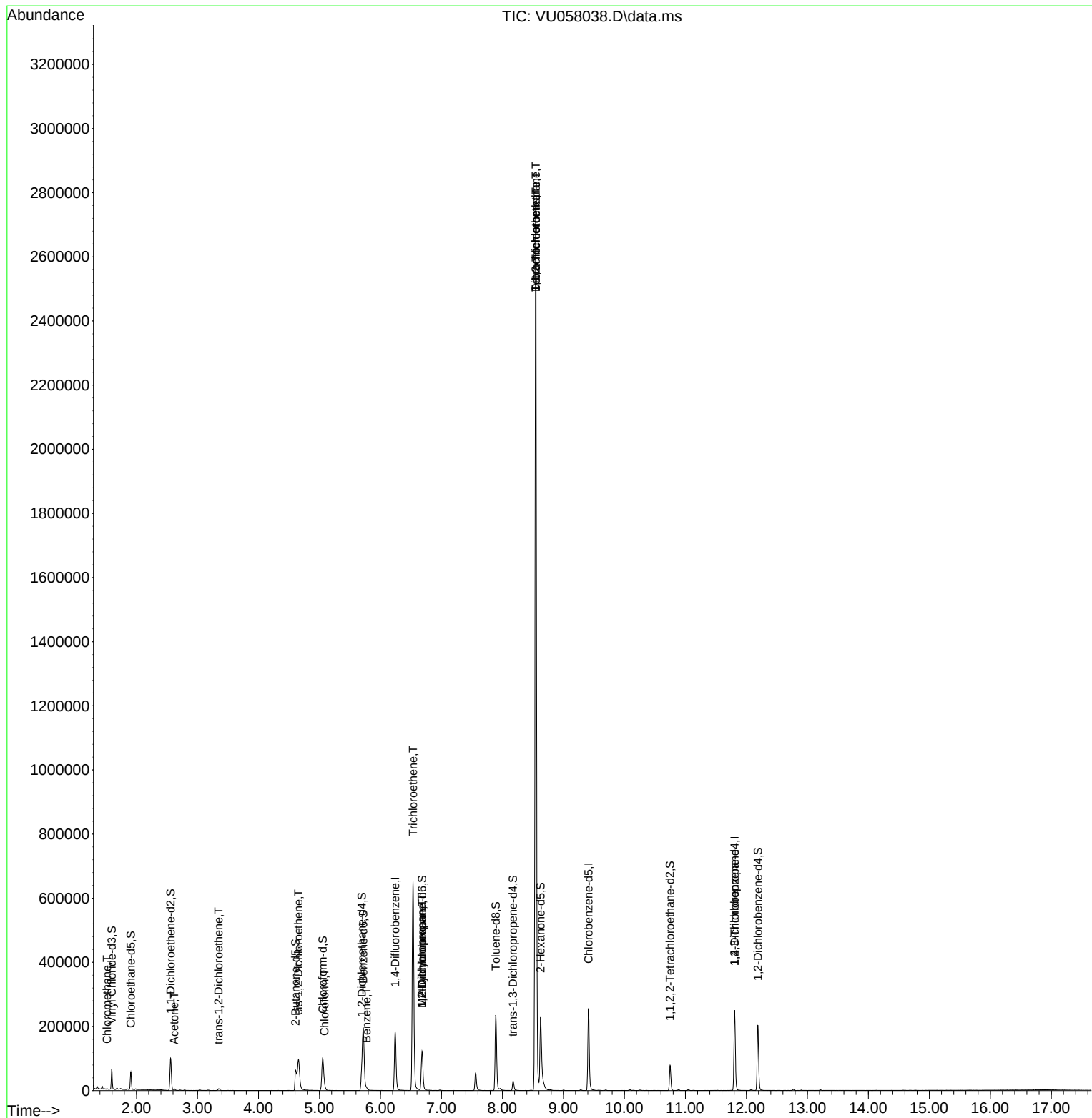
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 146850   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 142531   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 65349    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.592  | 65    | 40647    | 3.847    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 77.000%  |
| 7) Chloroethane-d5            | 1.907  | 69    | 38927    | 4.483    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 89.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 19128    | 4.184    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 83.600%  |
| 20) 2-Butanone-d5             | 4.608  | 46    | 97482    | 55.996   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 112.000% |
| 24) Chloroform-d              | 5.052  | 84    | 93366    | 4.672    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 93.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 46240    | 5.107    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 102.200% |
| 32) Benzene-d6                | 5.717  | 84    | 185628   | 4.469    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 89.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 60098    | 4.759    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 95.200%  |
| 41) Toluene-d8                | 7.891  | 98    | 160807   | 4.273    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 85.400%  |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79    | 19067    | 4.391    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 87.800%  |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 83381    | 57.193   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 114.380% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84    | 39224    | 5.066    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 101.400% |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   | 53344    | 4.957    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 99.200%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 3) Chloromethane              | 1.515  | 50    | 1662     | 0.160    | ug/L   | 96       |
| 13) Acetone                   | 2.618  | 43    | 5613     | 4.333    | ug/L   | 99       |
| 18) trans-1,2-Dichloroethene  | 3.348  | 96    | 2618     | 0.271    | ug/L   | 98       |
| 22) cis-1,2-Dichloroethene    | 4.656  | 96    | 48161    | 4.536    | ug/L   | 97       |
| 25) Chloroform                | 5.081  | 83    | 10096    | 0.514    | ug/L   | 90       |
| 33) Benzene                   | 5.772  | 78    | 6773     | 0.155    | ug/L   | 100      |
| 34) Trichloroethene           | 6.534  | 95    | 232263   | 20.183   | ug/L   | 98       |
| 35) Methylcyclohexane         | 6.685  | 83    | 13936    | 0.790    | ug/L # | 18       |
| 37) 1,2-Dichloropropane       | 6.679  | 63    | 6336     | 0.562    | ug/L # | 89       |
| 45) 1,1,2-Trichloroethane     | 8.547  | 97    | 5547     | 0.829    | ug/L # | 8        |
| 47) Tetrachloroethene         | 8.547  | 164   | 570409   | 71.444   | ug/L   | 98       |
| 49) Dibromochloromethane      | 8.547  | 129   | 584842   | 73.884   | ug/L # | 10       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75    | 9483     | 1.772    | ug/L # | 69       |
| -----                         |        |       |          |          |        |          |

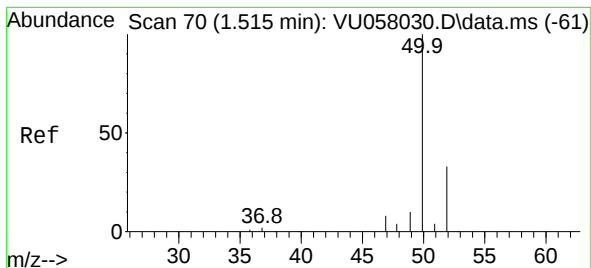
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU031124\  
Data File : VU058038.D  
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Sample : P1715-02  
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Instrument :  
MSVOA\_U  
ClientSampleId :

Quant Time: Mar 12 03:08:24 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR022924WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Tue Mar 12 03:05:49 2024  
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.160 ug/L

RT: 1.515 min Scan# 70

Delta R.T. -0.000 min

Lab File: VU058038.D

Acq: 11 Mar 2024 13:18

Instrument :

MSVOA\_U

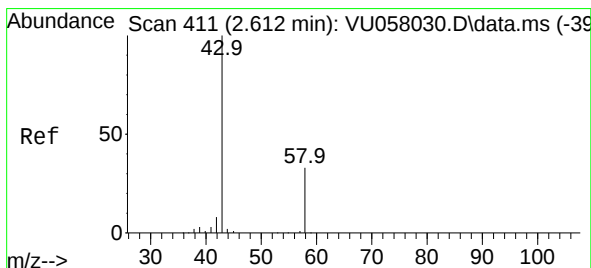
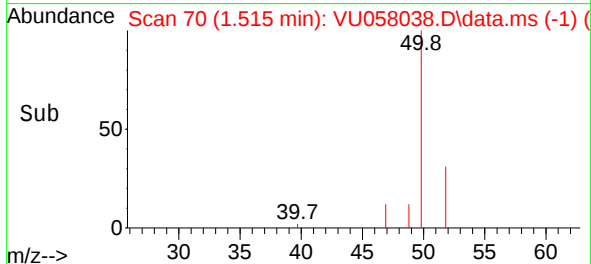
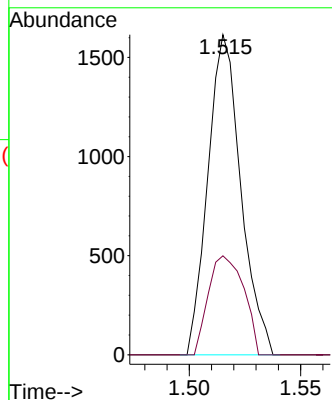
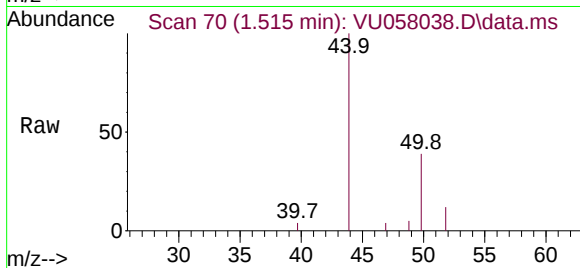
ClientSampleId :

Tgt Ion: 50 Resp: 1662

Ion Ratio Lower Upper

50 100

52 30.9 23.1 42.9



#13

Acetone

Concen: 4.333 ug/L

RT: 2.618 min Scan# 413

Delta R.T. 0.006 min

Lab File: VU058038.D

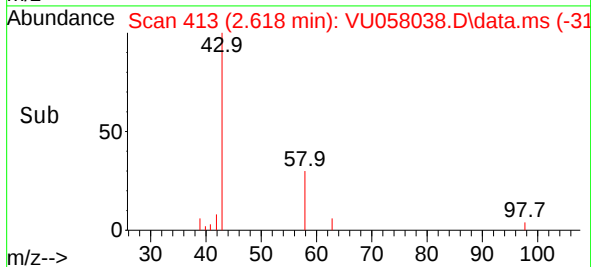
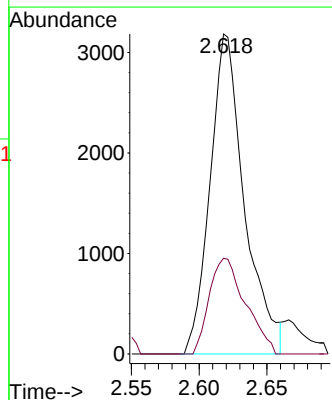
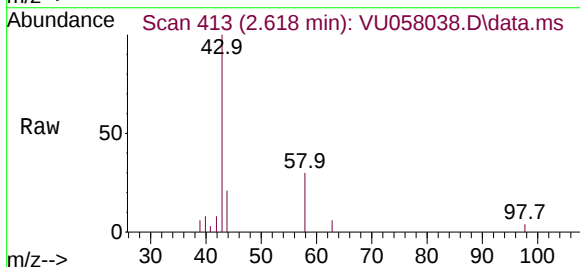
Acq: 11 Mar 2024 13:18

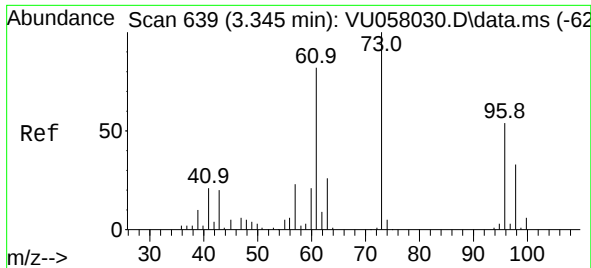
Tgt Ion: 43 Resp: 5613

Ion Ratio Lower Upper

43 100

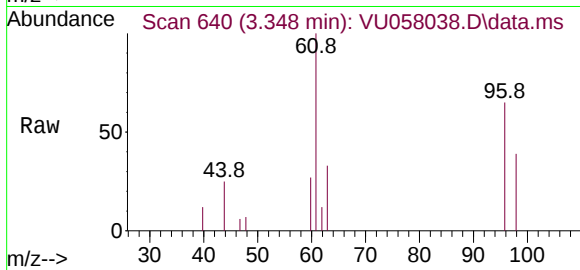
58 31.5 0.0 63.6



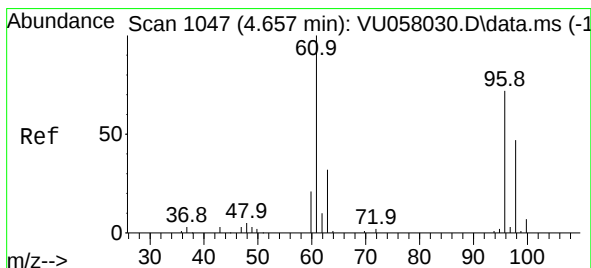
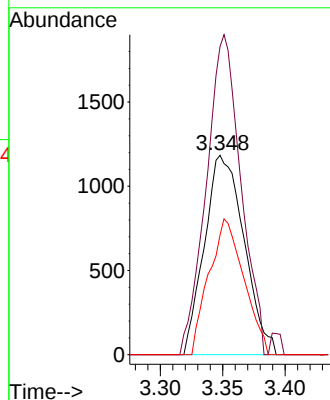
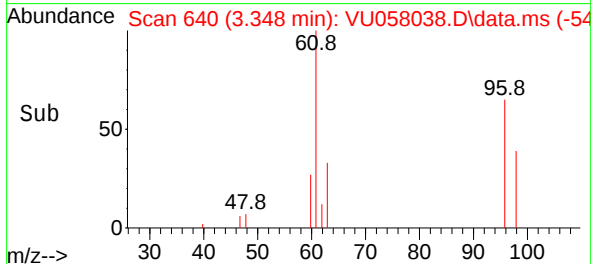


#18  
trans-1,2-Dichloroethene  
Concen: 0.271 ug/L  
RT: 3.348 min Scan# 640  
Delta R.T. 0.003 min  
Lab File: VU058038.D  
Acq: 11 Mar 2024 13:18

Instrument :  
MSVOA\_U  
ClientSampleId :

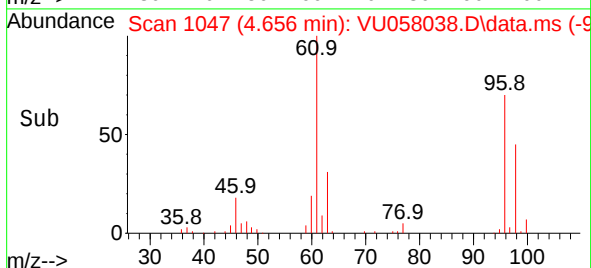
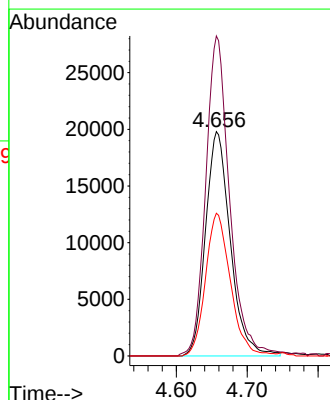
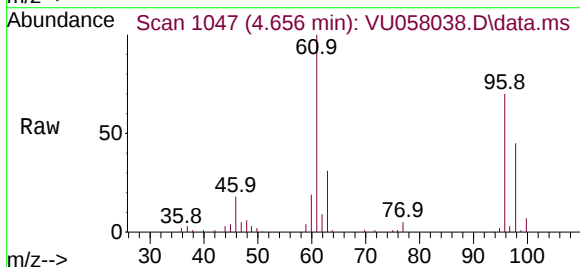


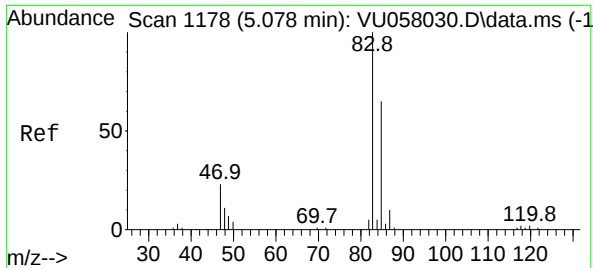
Tgt Ion: 96 Resp: 2618  
Ion Ratio Lower Upper  
96 100  
61 154.6 107.7 199.9  
98 60.1 45.8 85.0



#22  
cis-1,2-Dichloroethene  
Concen: 4.536 ug/L  
RT: 4.656 min Scan# 1047  
Delta R.T. -0.000 min  
Lab File: VU058038.D  
Acq: 11 Mar 2024 13:18

Tgt Ion: 96 Resp: 48161  
Ion Ratio Lower Upper  
96 100  
61 137.1 97.2 180.4  
98 61.2 45.5 84.5

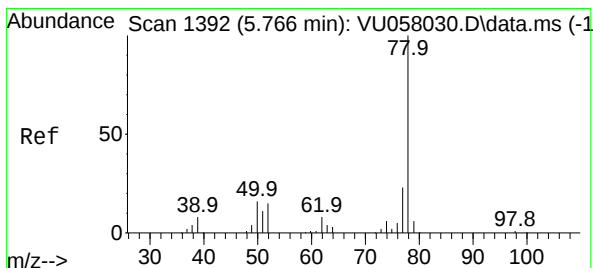
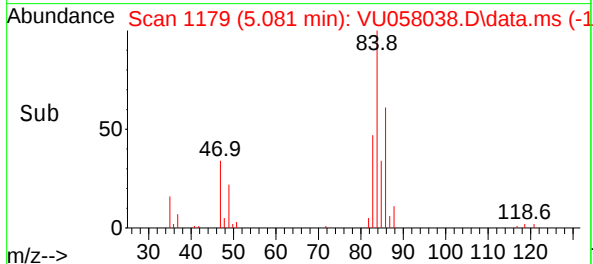
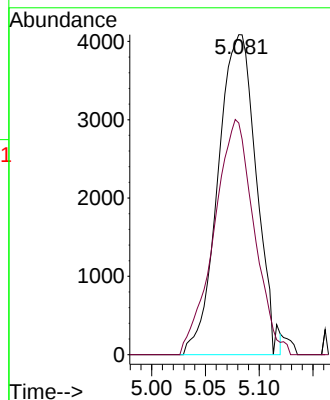
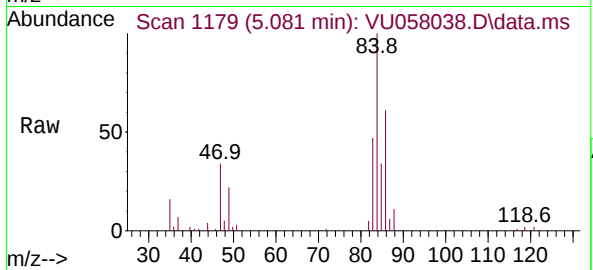




#25  
Chloroform  
Concen: 0.514 ug/L  
RT: 5.081 min Scan# 1178  
Delta R.T. 0.003 min  
Lab File: VU058038.D  
Acq: 11 Mar 2024 13:18

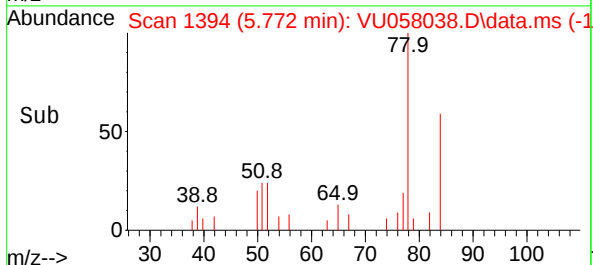
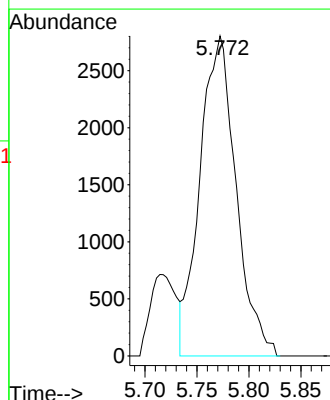
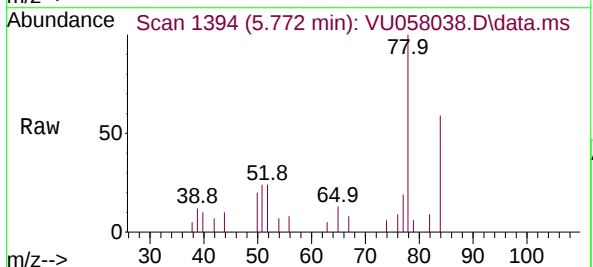
Instrument :  
MSVOA\_U  
ClientSampleId :

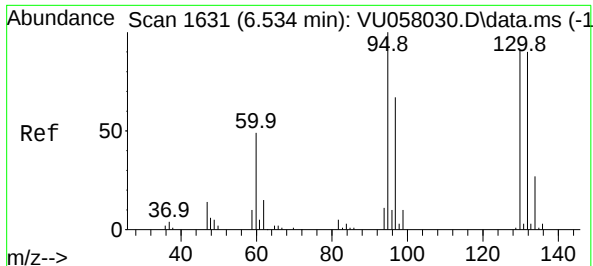
Tgt Ion: 83 Resp: 10096  
Ion Ratio Lower Upper  
83 100  
85 72.4 45.4 84.4



#33  
Benzene  
Concen: 0.155 ug/L  
RT: 5.772 min Scan# 1394  
Delta R.T. 0.006 min  
Lab File: VU058038.D  
Acq: 11 Mar 2024 13:18

Tgt Ion: 78 Resp: 6773





#34

Trichloroethene

Concen: 20.183 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU058038.D

Acq: 11 Mar 2024 13:18

Instrument :

MSVOA\_U

ClientSampleId :

Tgt Ion: 95 Resp: 232263

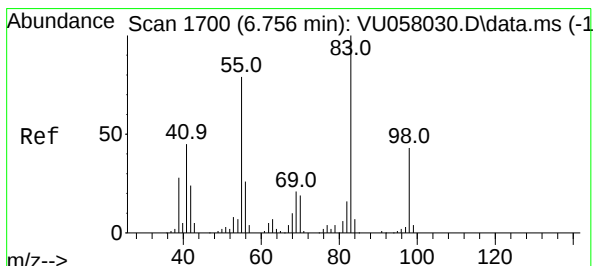
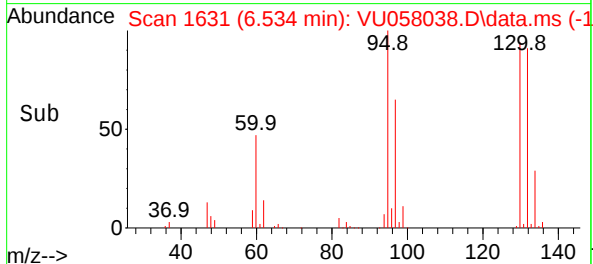
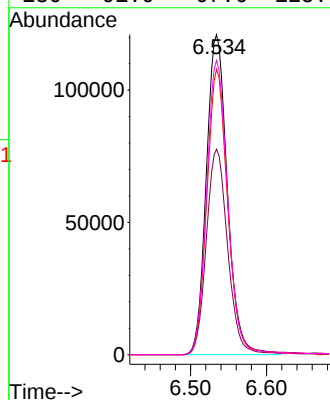
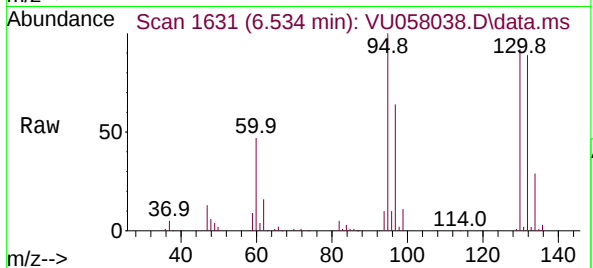
Ion Ratio Lower Upper

95 100

97 64.2 45.3 84.1

132 89.2 63.1 117.1

130 91.9 67.6 125.6



#35

Methylcyclohexane

Concen: 0.790 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.071 min

Lab File: VU058038.D

Acq: 11 Mar 2024 13:18

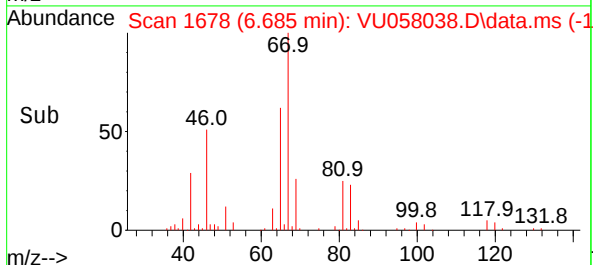
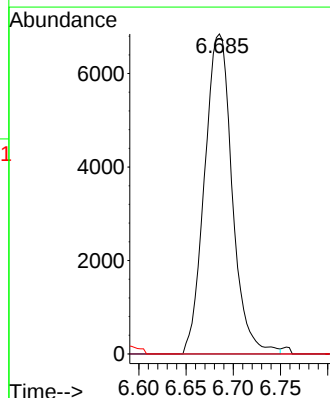
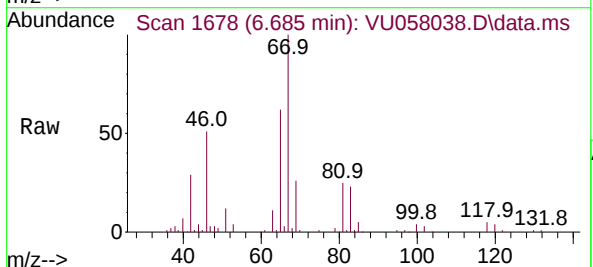
Tgt Ion: 83 Resp: 13936

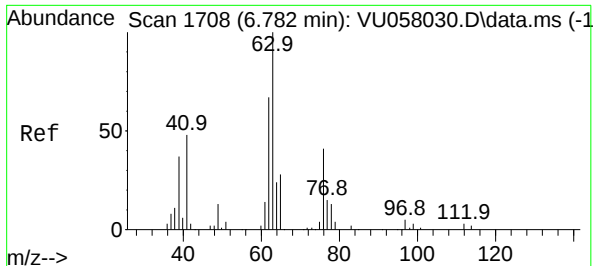
Ion Ratio Lower Upper

83 100

55 0.0 63.0 94.6#

98 0.0 36.2 54.4#

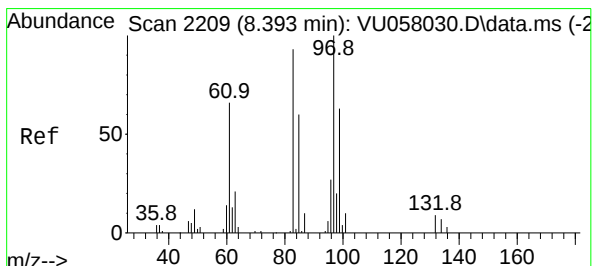
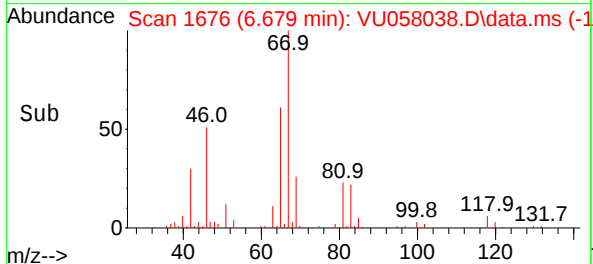
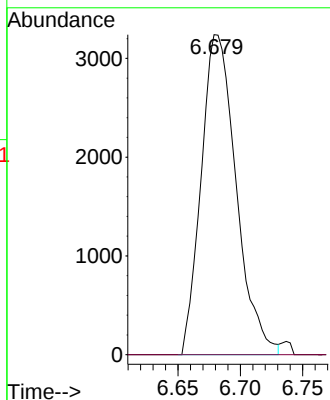
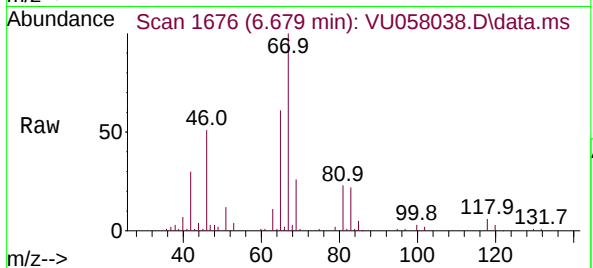




#37  
1,2-Dichloropropane  
Concen: 0.562 ug/L  
RT: 6.679 min Scan# 1  
Delta R.T. -0.103 min  
Lab File: VU058038.D  
Acq: 11 Mar 2024 13:18

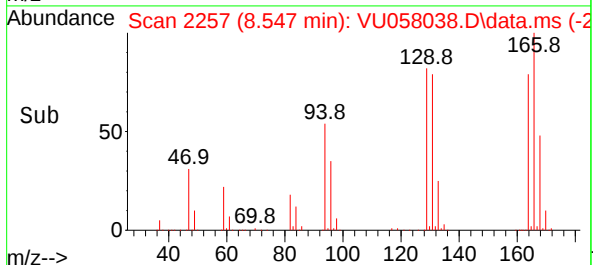
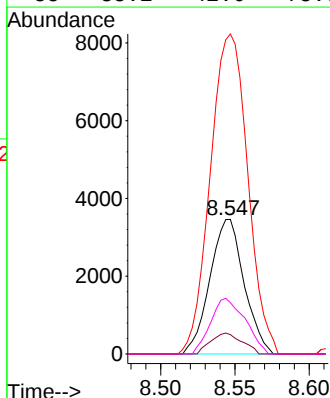
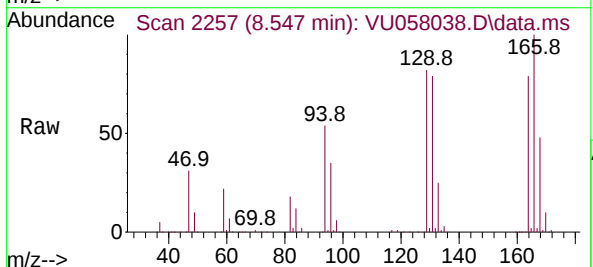
Instrument :  
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ClientSampleId :

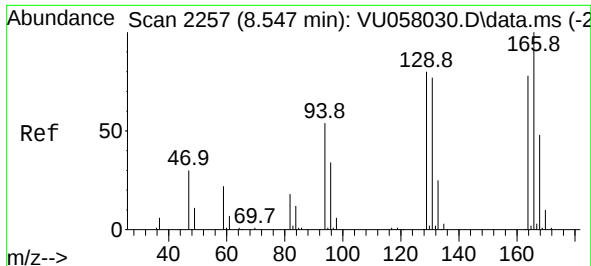
Tgt Ion: 63 Resp: 6336  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.0 4.4#



#45  
1,1,2-Trichloroethane  
Concen: 0.829 ug/L  
RT: 8.547 min Scan# 2257  
Delta R.T. 0.154 min  
Lab File: VU058038.D  
Acq: 11 Mar 2024 13:18

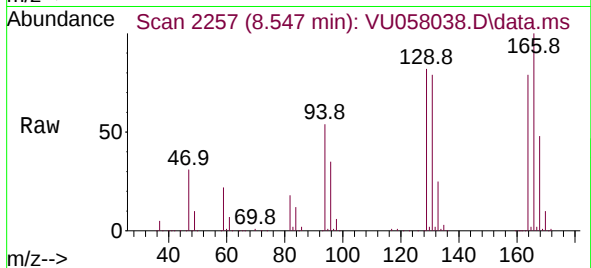
Tgt Ion: 97 Resp: 5547  
Ion Ratio Lower Upper  
97 100  
99 14.4 44.2 82.2#  
83 237.8 64.2 119.2#  
85 38.2 42.0 78.0#



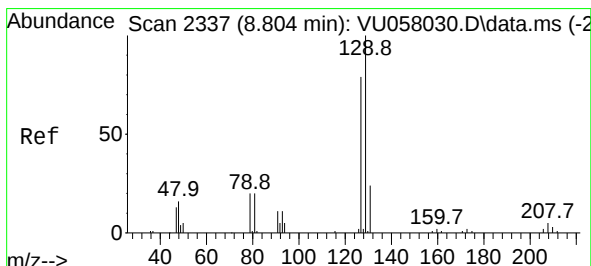
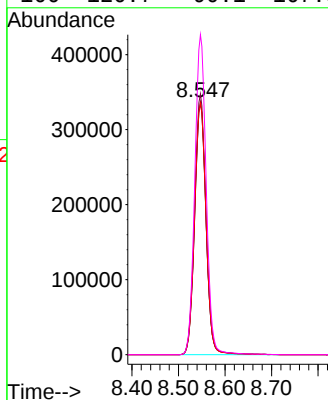
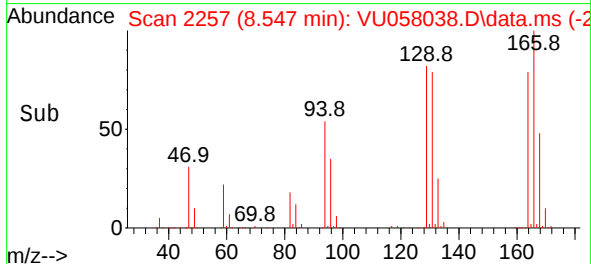


#47  
Tetrachloroethene  
Concen: 71.444 ug/L  
RT: 8.547 min Scan# 2257  
Delta R.T. -0.000 min  
Lab File: VU058038.D  
Acq: 11 Mar 2024 13:18

Instrument :  
MSVOA\_U  
ClientSampleId :

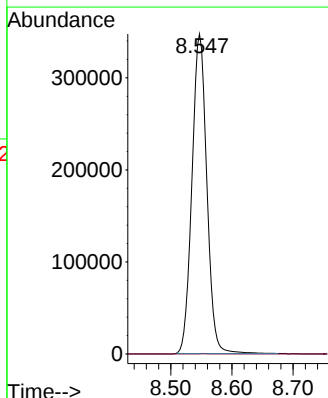
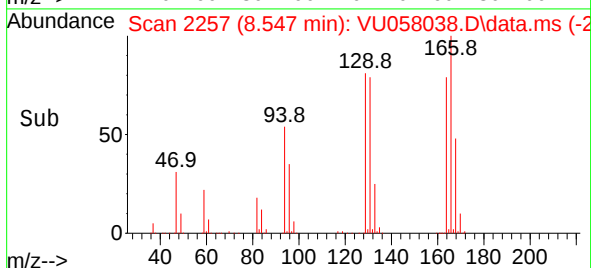
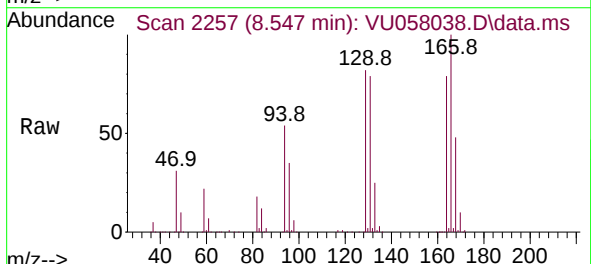


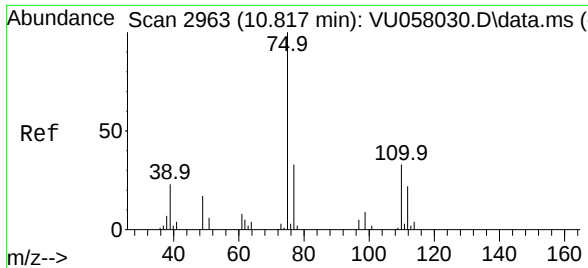
Tgt Ion:164 Resp: 570409  
Ion Ratio Lower Upper  
164 100  
129 103.3 69.3 128.7  
131 99.7 69.9 129.9  
166 126.7 90.1 167.3



#49  
Dibromochloromethane  
Concen: 73.884 ug/L  
RT: 8.547 min Scan# 2257  
Delta R.T. -0.257 min  
Lab File: VU058038.D  
Acq: 11 Mar 2024 13:18

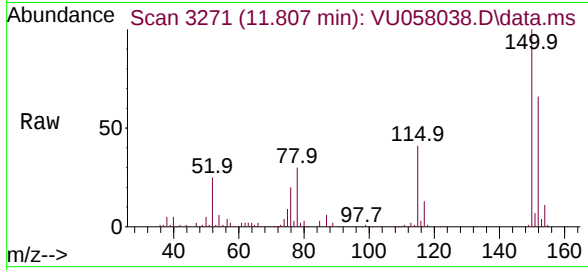
Tgt Ion:129 Resp: 584842  
Ion Ratio Lower Upper  
129 100  
127 0.0 55.2 102.6#





#61  
 1,2,3-Trichloropropane  
 Concen: 1.772 ug/L  
 RT: 11.807 min Scan# 31  
 Delta R.T. 0.990 min  
 Lab File: VU058038.D  
 Acq: 11 Mar 2024 13:18

Instrument :  
 MSVOA\_U  
 ClientSampleId :



Tgt Ion: 75 Resp: 9483  
 Ion Ratio Lower Upper  
 75 100  
 110 2.0 28.0 42.0#  
 77 29.6 24.7 37.1

