

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU042923\  
 Data File : VU053974.D  
 Acq On : 28 Apr 2023 17:10  
 Operator : JC/MD  
 Sample : 02526-08ME  
 Misc : 5.84g/5.0mL/100uL//5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Apr 29 04:32:16 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM033123WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Apr 14 01:54:10 2023  
 Response via : Initial Calibration

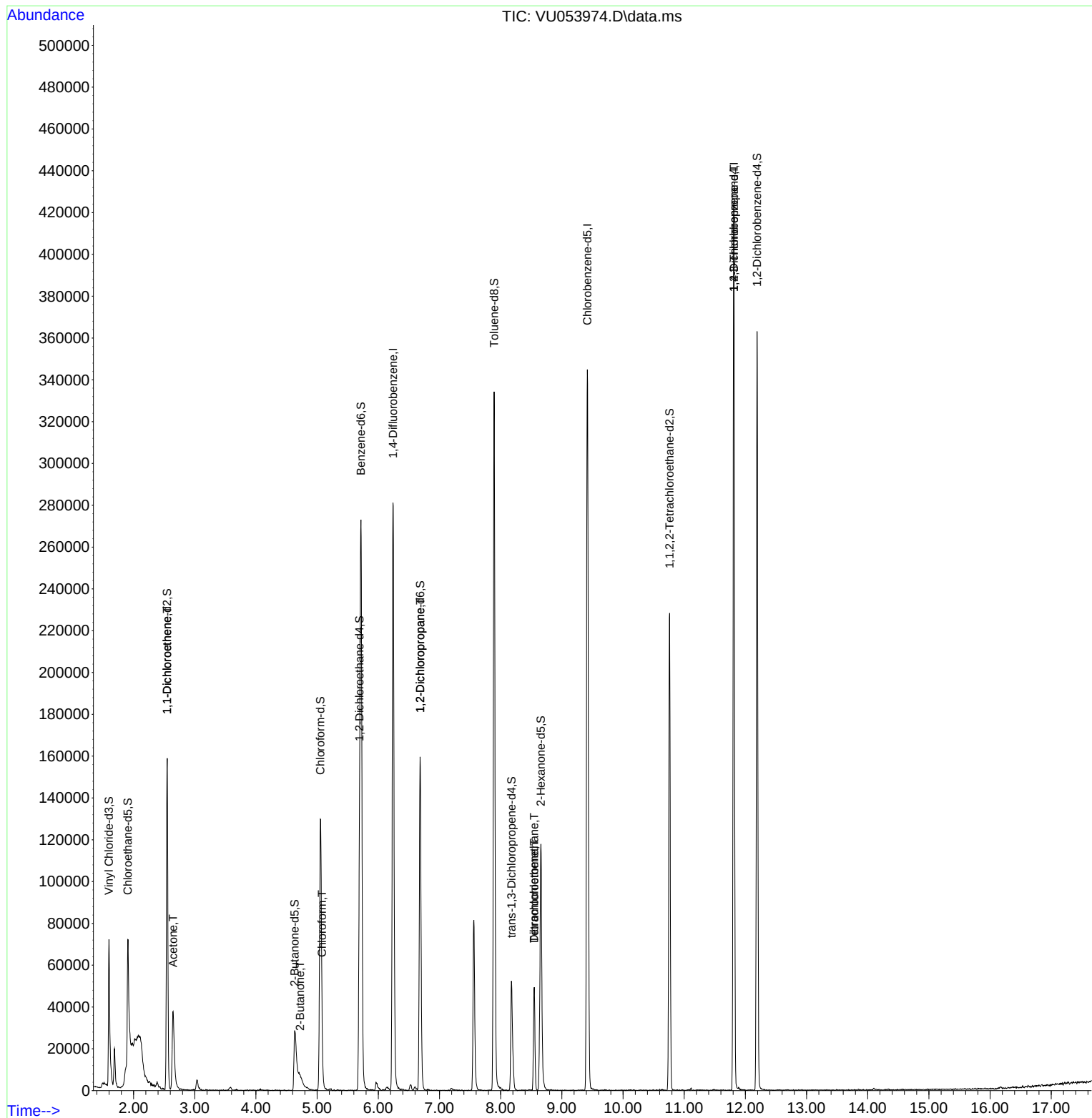
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.240          | 114  | 255664     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417          | 117  | 243774     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812         | 152  | 119180     | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597          | 65   | 70728      | 35.528   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 71.060%  |        |          |
| 7) Chloroethane-d5            | 1.906          | 69   | 55806      | 36.357   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 72.720%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.549          | 63   | 87684      | 28.454   | ug/L   | -0.02    |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 56.900%# |        |          |
| 21) 2-Butanone-d5             | 4.633          | 46   | 58816      | 65.255   | ug/L   | 0.02     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 65.250%  |        |          |
| 24) Chloroform-d              | 5.054          | 84   | 122406     | 37.179   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 74.360%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.694          | 65   | 78505      | 40.353   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 80.700%  |        |          |
| 32) Benzene-d6                | 5.716          | 84   | 260188     | 39.541   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 79.080%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.684          | 67   | 80143      | 39.847   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 79.700%  |        |          |
| 41) Toluene-d8                | 7.893          | 98   | 248215     | 37.953   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 75.900%# |        |          |
| 43) trans-1,3-Dichloroprop... | 8.179          | 79   | 38849      | 37.420   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 74.840%  |        |          |
| 47) 2-Hexanone-d5             | 8.655          | 63   | 52679      | 76.745   | ug/L   | 0.03     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 76.750%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.761         | 84   | 110549     | 38.998   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 78.000%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.192         | 152  | 98409      | 39.558   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 79.120%# |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 12) 1,1-Dichloroethene        | 2.549          | 96   | 850        | 0.542    | ug/L # | 1        |
| 13) Acetone                   | 2.646          | 43   | 57889      | 71.466   | ug/L   | 93       |
| 22) 2-Butanone                | 4.723          | 43   | 6339       | 6.460    | ug/L   | 98       |
| 25) Chloroform                | 5.080          | 83   | 4271       | 1.426    | ug/L   | 98       |
| 37) 1,2-Dichloropropane       | 6.684          | 63   | 7966       | 4.939    | ug/L # | 86       |
| 46) Tetrachloroethene         | 8.549          | 164  | 11481      | 7.202    | ug/L   | 92       |
| 49) Dibromochloromethane      | 8.549          | 129  | 11487      | 6.239    | ug/L # | 11       |
| 60) 1,2,3-Trichloropropane    | 11.812         | 75   | 13264      | 7.676    | ug/L # | 65       |
| -----                         |                |      |            |          |        |          |

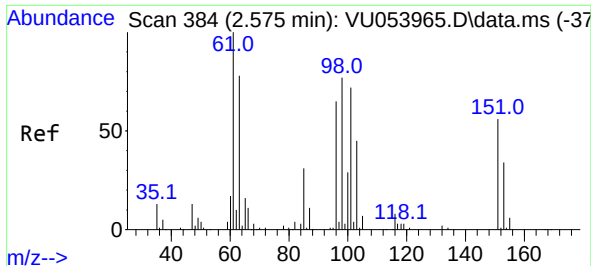
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : 02526-08ME  
Misc : 5.84g/5.0mL/100uL//5.0mL/MSVOA\_U/MEOH  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :

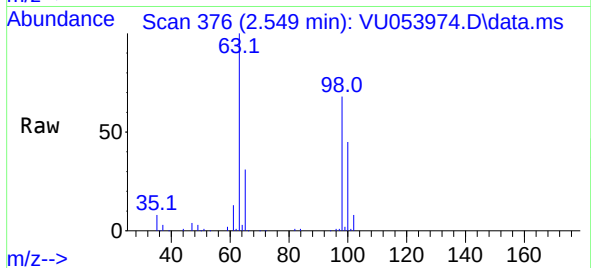
Quant Time: Apr 29 04:32:16 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM033123WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Apr 14 01:54:10 2023  
Response via : Initial Calibration



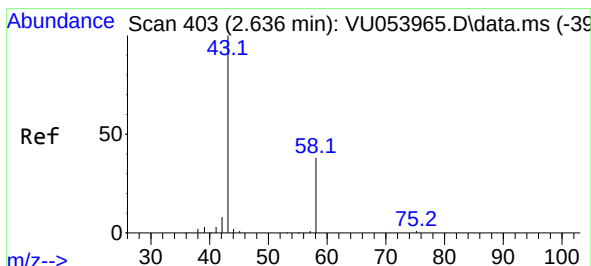
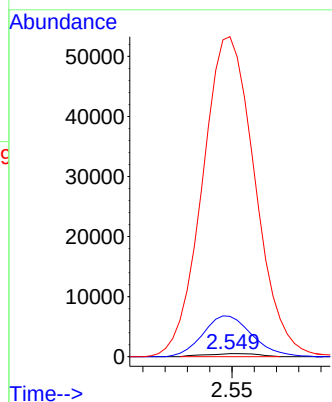
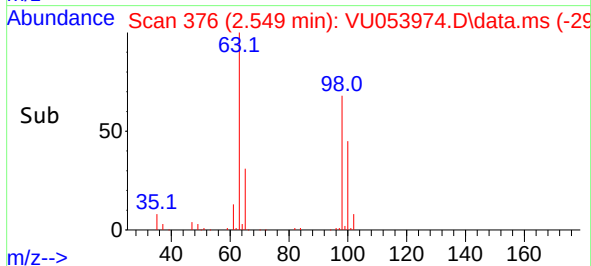


#12  
1,1-Dichloroethene  
Concen: 0.542 ug/L  
RT: 2.549 min Scan# 31  
Delta R.T. -0.026 min  
Lab File: VU053974.D  
Acq: 28 Apr 2023 17:10

Instrument :  
MSVOA\_U  
ClientSampleId :

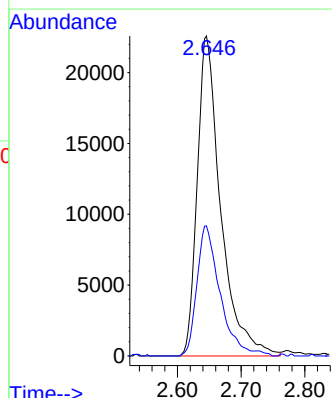
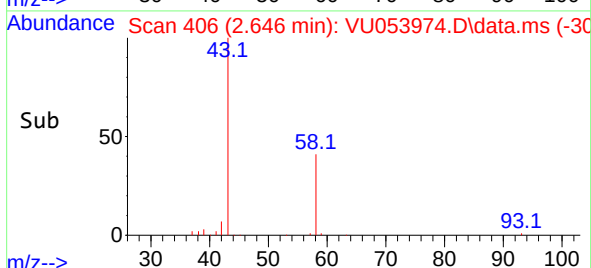
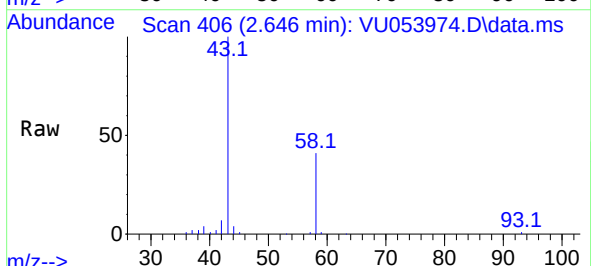


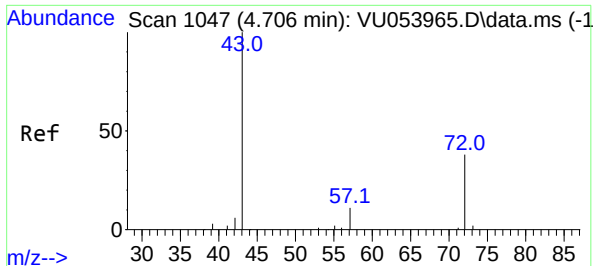
Tgt Ion: 96 Resp: 850  
Ion Ratio Lower Upper  
96 100  
61 1334.4 107.9 200.5#  
63 10594.0 79.1 146.9#



#13  
Acetone  
Concen: 71.466 ug/L  
RT: 2.646 min Scan# 406  
Delta R.T. 0.029 min  
Lab File: VU053974.D  
Acq: 28 Apr 2023 17:10

Tgt Ion: 43 Resp: 57889  
Ion Ratio Lower Upper  
43 100  
58 39.4 0.0 70.2

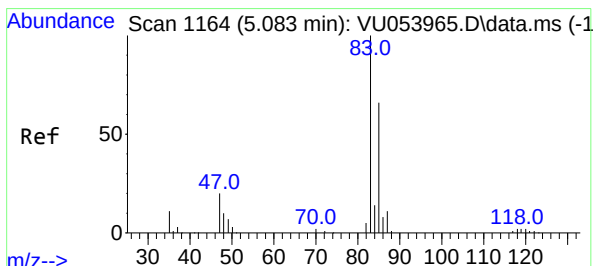
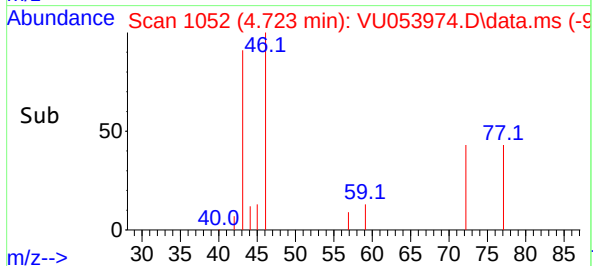
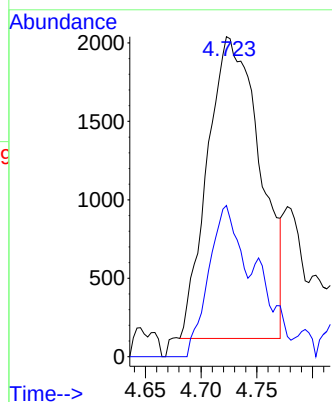
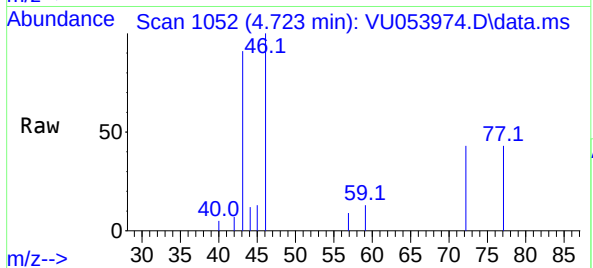




#22  
2-Butanone  
Concen: 6.460 ug/L  
RT: 4.723 min Scan# 1102  
Delta R.T. 0.032 min  
Lab File: VU053974.D  
Acq: 28 Apr 2023 17:10

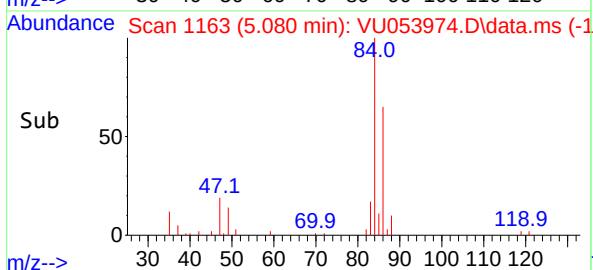
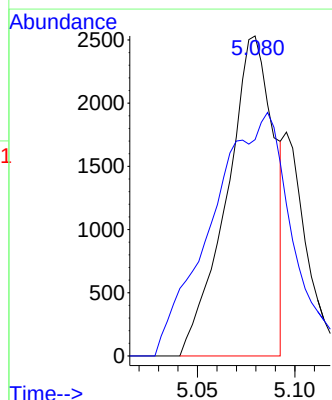
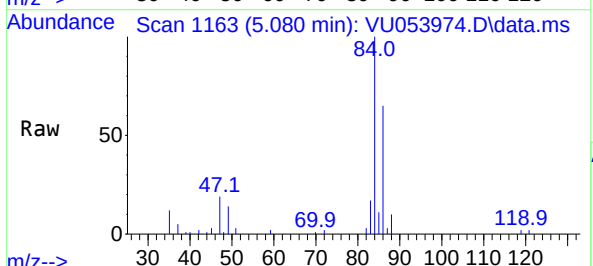
Instrument :  
MSVOA\_U  
ClientSampleId :

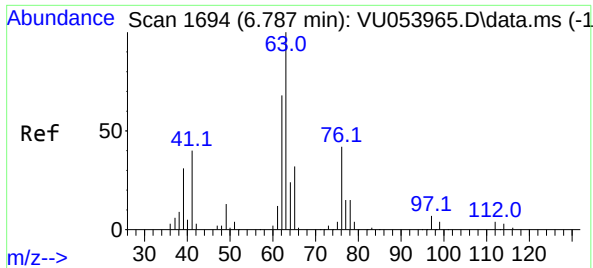
Tgt Ion: 43 Resp: 6339  
Ion Ratio Lower Upper  
43 100  
72 30.7 15.8 47.3



#25  
Chloroform  
Concen: 1.426 ug/L  
RT: 5.080 min Scan# 1163  
Delta R.T. -0.003 min  
Lab File: VU053974.D  
Acq: 28 Apr 2023 17:10

Tgt Ion: 83 Resp: 4271  
Ion Ratio Lower Upper  
83 100  
85 67.6 46.1 85.5

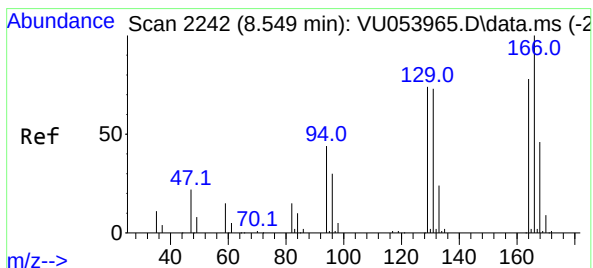
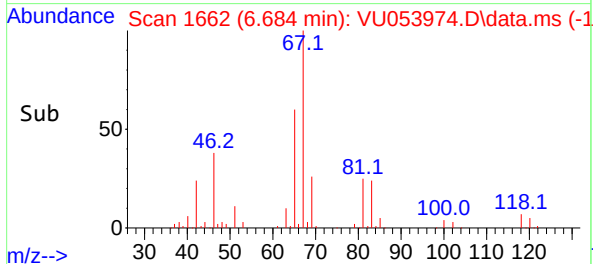
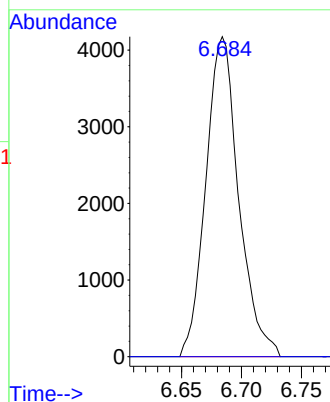
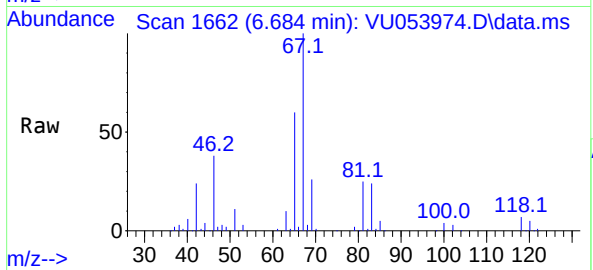




#37  
1,2-Dichloropropane  
Concen: 4.939 ug/L  
RT: 6.684 min Scan# 1  
Delta R.T. -0.103 min  
Lab File: VU053974.D  
Acq: 28 Apr 2023 17:10

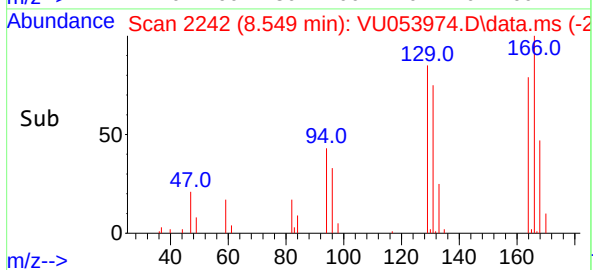
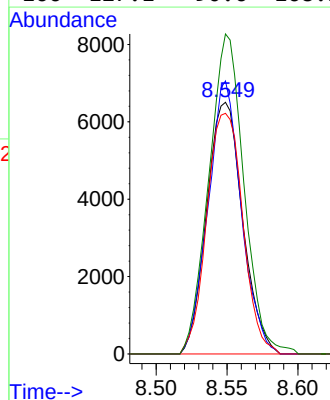
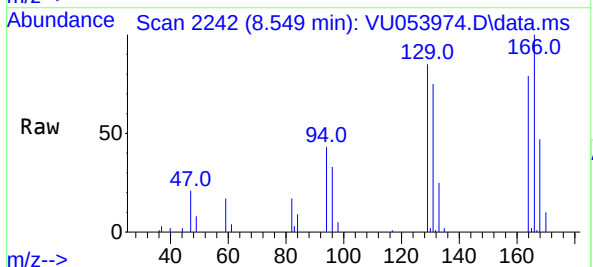
Instrument :  
MSVOA\_U  
ClientSampleId :

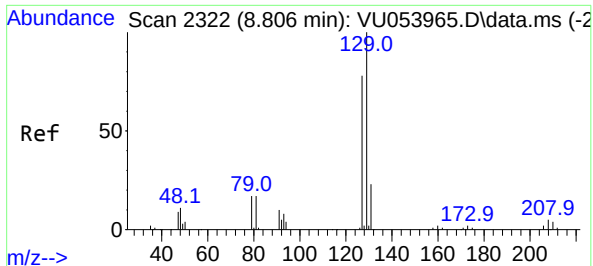
Tgt Ion: 63 Resp: 7966  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.8 5.6#



#46  
Tetrachloroethene  
Concen: 7.202 ug/L  
RT: 8.549 min Scan# 2242  
Delta R.T. -0.000 min  
Lab File: VU053974.D  
Acq: 28 Apr 2023 17:10

Tgt Ion:164 Resp: 11481  
Ion Ratio Lower Upper  
164 100  
129 108.4 64.0 119.0  
131 95.6 61.9 115.1  
166 127.1 90.6 168.2





#49

Dibromochloromethane

Concen: 6.239 ug/L

RT: 8.549 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU053974.D

Acq: 28 Apr 2023 17:10

Instrument :

MSVOA\_U

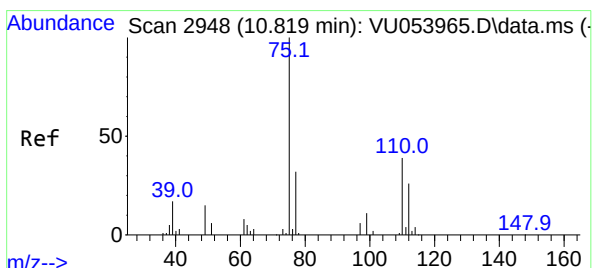
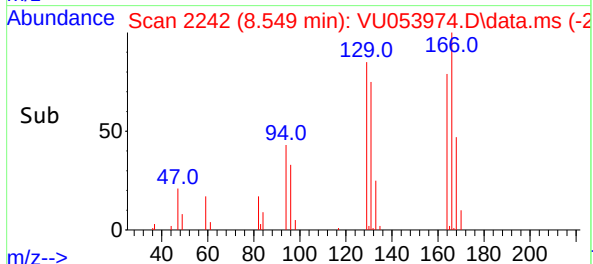
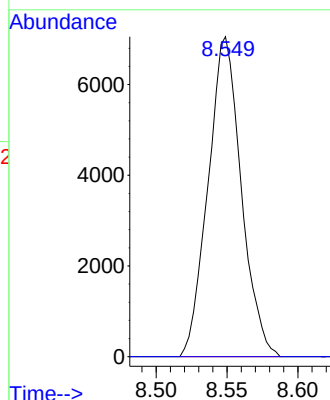
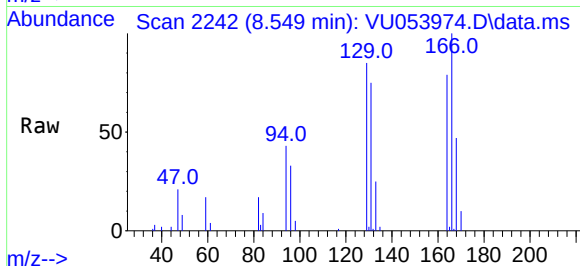
ClientSampleId :

Tgt Ion:129 Resp: 11487

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#



#60

1,2,3-Trichloropropane

Concen: 7.676 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.993 min

Lab File: VU053974.D

Acq: 28 Apr 2023 17:10

Tgt Ion: 75 Resp: 13264

Ion Ratio Lower Upper

75 100

77 31.6 26.0 39.0

110 2.5 32.6 48.8#

