

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU021122\  
 Data File : VU047111.D  
 Acq On : 11 Feb 2022 13:45  
 Operator : SY/MD  
 Sample : N1462-06  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 11 Sample Multiplier: 1

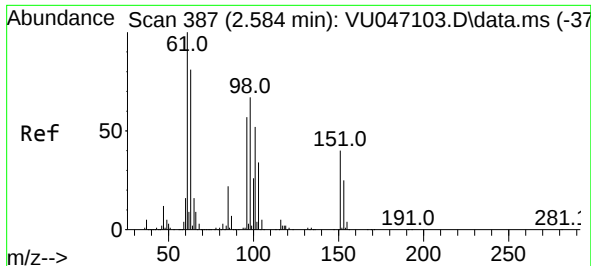
Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Feb 12 01:27:27 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM021022WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Feb 12 01:25:35 2022  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.253          | 114  | 473427     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.420          | 117  | 441482     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812         | 152  | 226649     | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.604          | 65   | 174749     | 40.642   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 81.280%  |        |          |
| 7) Chloroethane-d5            | 1.922          | 69   | 141286     | 44.327   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 88.660%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.575          | 63   | 234778     | 32.950   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 65.900%  |        |          |
| 21) 2-Butanone-d5             | 4.636          | 46   | 390304     | 117.045  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 117.050% |        |          |
| 24) Chloroform-d              | 5.070          | 84   | 314390     | 45.040   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 90.080%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.706          | 65   | 211319     | 47.167   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 94.340%  |        |          |
| 32) Benzene-d6                | 5.732          | 84   | 666548     | 45.413   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 90.820%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.693          | 67   | 222566     | 46.760   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 93.520%  |        |          |
| 41) Toluene-d8                | 7.899          | 98   | 629592     | 45.052   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 90.100%  |        |          |
| 43) trans-1,3-Dichloroprop... | 8.179          | 79   | 114455     | 45.885   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 91.780%  |        |          |
| 47) 2-Hexanone-d5             | 8.632          | 63   | 288171     | 105.679  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 105.680% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758         | 84   | 325187     | 46.854   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 93.700%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.195         | 152  | 246464     | 45.851   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 91.700%  |        |          |
| Target Compounds              |                |      |            |          |        |          |
|                               |                |      |            |          | Qvalue |          |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.575          | 101  | 2188       | 0.697    | ug/L # | 26       |
| 12) 1,1-Dichloroethene        | 2.578          | 96   | 2008       | 0.652    | ug/L # | 1        |
| 13) Acetone                   | 2.652          | 43   | 5903       | 2.430    | ug/L   | 94       |
| 20) cis-1,2-Dichloroethene    | 4.674          | 96   | 17407      | 4.865    | ug/L   | 92       |
| 44) trans-1,3-Dichloropropene | 8.179          | 75   | 5421       | 0.941    | ug/L   | 86       |
| 46) Tetrachloroethene         | 8.555          | 164  | 15702      | 5.457    | ug/L   | 96       |
| 49) Dibromochloromethane      | 8.555          | 129  | 14897      | 3.706    | ug/L # | 10       |
| -----                         |                |      |            |          |        |          |

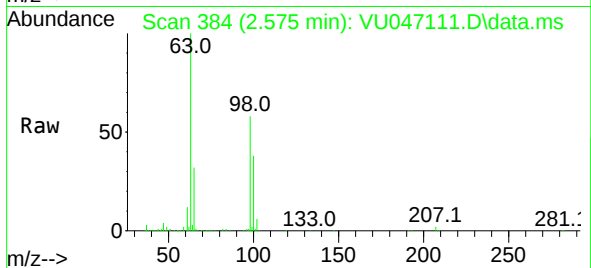
(#) = qualifier out of range (m) = manual integration (+) = signals summed



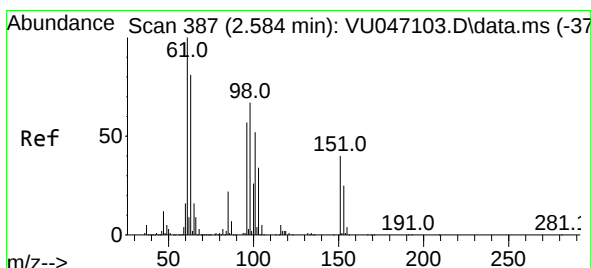
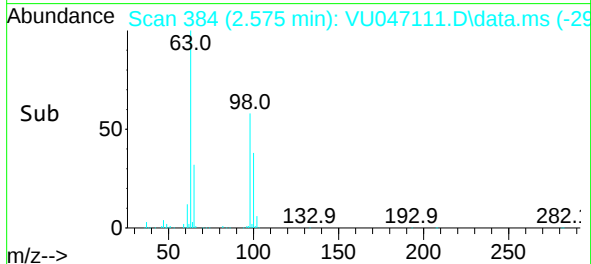
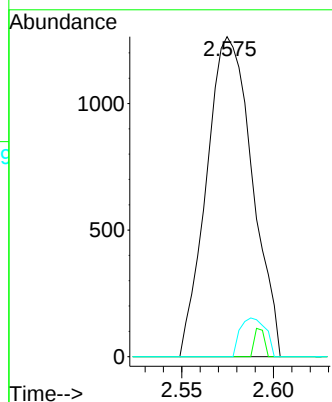


#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 0.697 ug/L  
 RT: 2.575 min Scan# 384  
 Delta R.T. -0.010 min  
 Lab File: VU047111.D  
 Acq: 11 Feb 2022 13:45

Instrument :  
 MSVOA\_U  
 ClientSampleId :

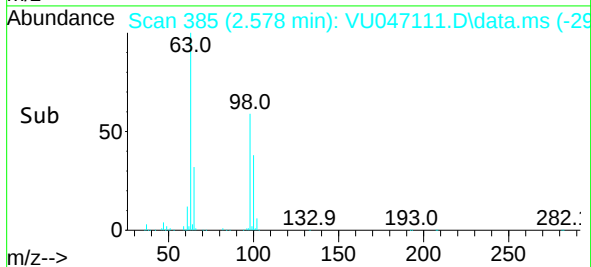
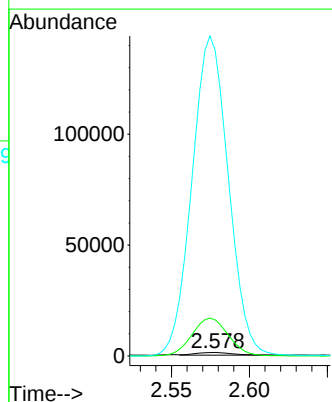
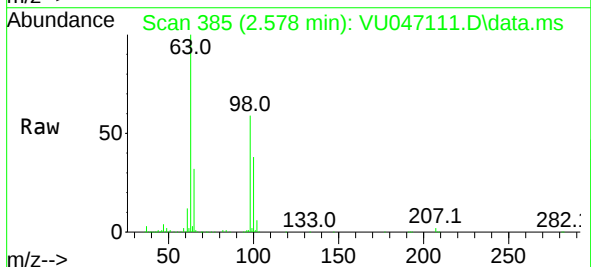


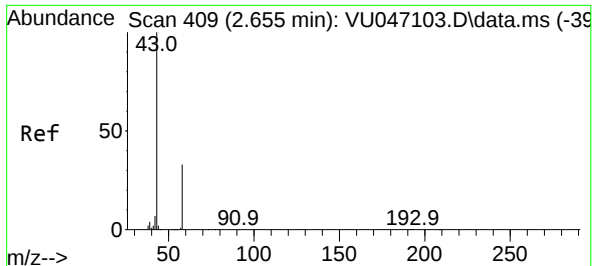
Tgt Ion:101 Resp: 2188  
 Ion Ratio Lower Upper  
 101 100  
 85 1.9 34.9 52.3#  
 151 6.8 58.3 87.5#



#12  
 1,1-Dichloroethene  
 Concen: 0.652 ug/L  
 RT: 2.578 min Scan# 385  
 Delta R.T. -0.007 min  
 Lab File: VU047111.D  
 Acq: 11 Feb 2022 13:45

Tgt Ion: 96 Resp: 2008  
 Ion Ratio Lower Upper  
 96 100  
 61 1046.4 114.9 213.3#  
 63 8839.5 86.0 159.8#





#13

Acetone

Concen: 2.430 ug/L

RT: 2.652 min Scan# 409

Delta R.T. -0.003 min

Lab File: VU047111.D

Acq: 11 Feb 2022 13:45

Instrument :

MSVOA\_U

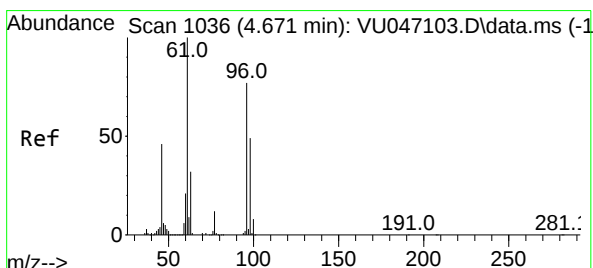
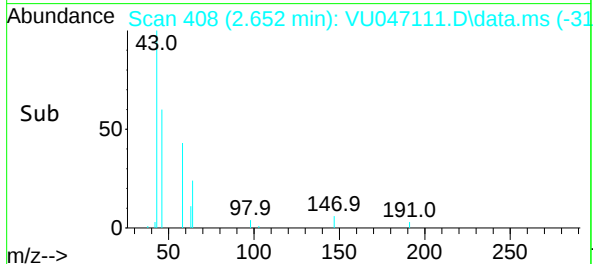
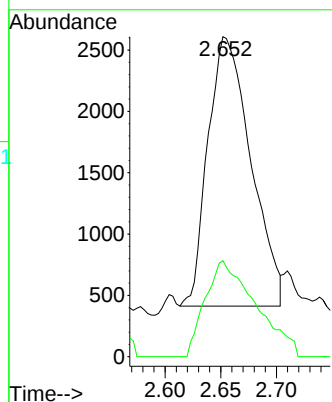
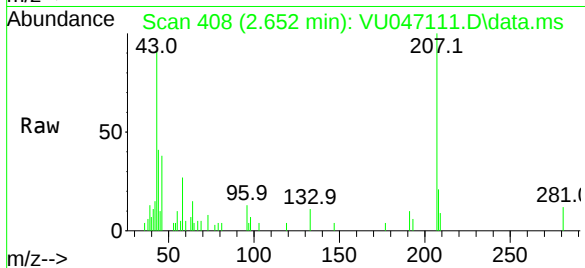
ClientSampleId :

Tgt Ion: 43 Resp: 5903

Ion Ratio Lower Upper

43 100

58 39.0 0.0 71.0



#20

cis-1,2-Dichloroethene

Concen: 4.865 ug/L

RT: 4.674 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VU047111.D

Acq: 11 Feb 2022 13:45

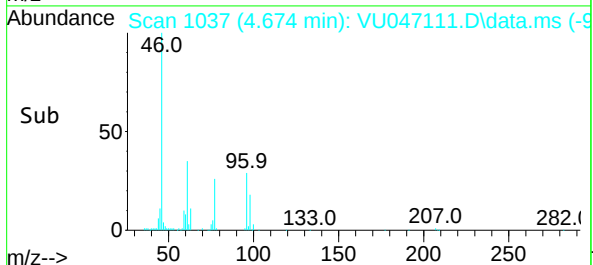
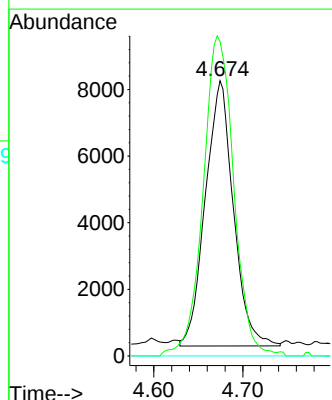
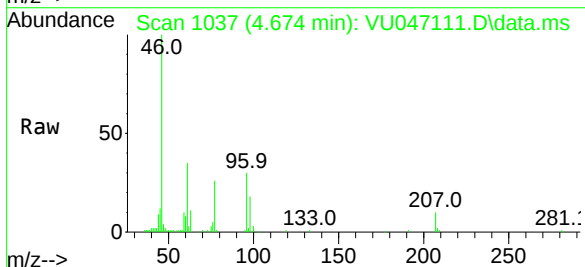
Tgt Ion: 96 Resp: 17407

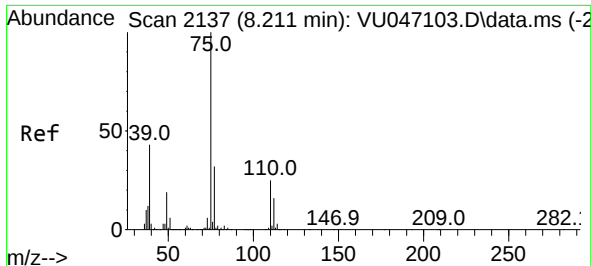
Ion Ratio Lower Upper

96 100

61 114.3 86.0 159.6

68 0.0 0.0 0.0

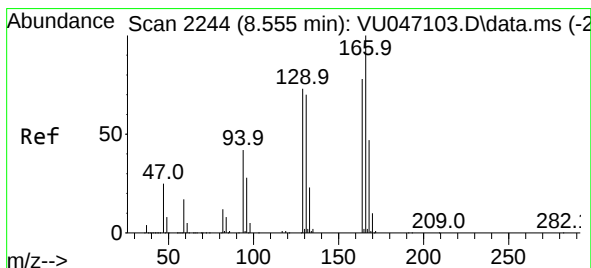
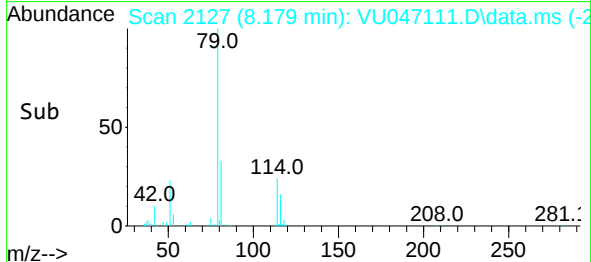
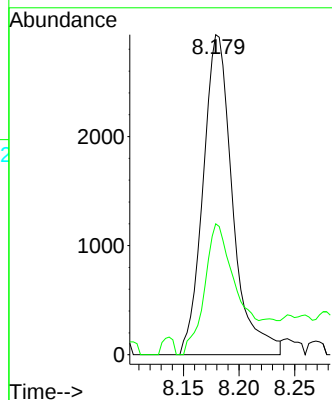
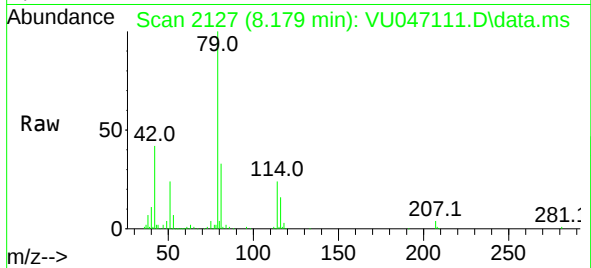




#44  
trans-1,3-Dichloropropene  
Concen: 0.941 ug/L  
RT: 8.179 min Scan# 2137  
Delta R.T. -0.032 min  
Lab File: VU047111.D  
Acq: 11 Feb 2022 13:45

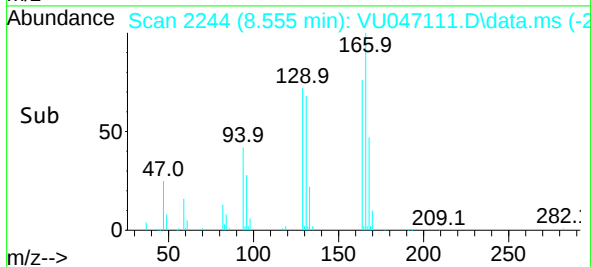
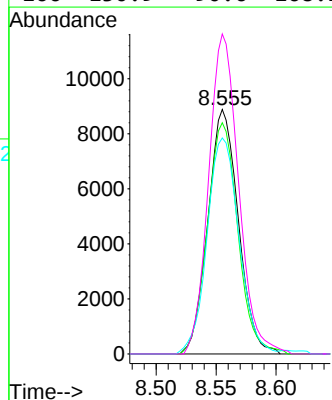
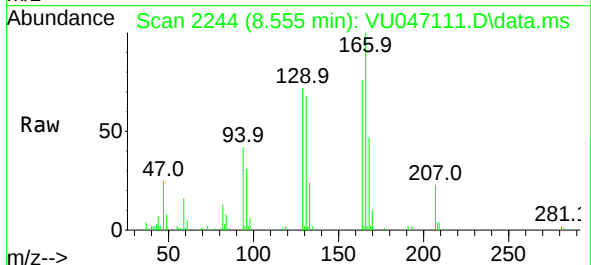
Instrument :  
MSVOA\_U  
ClientSampleId :

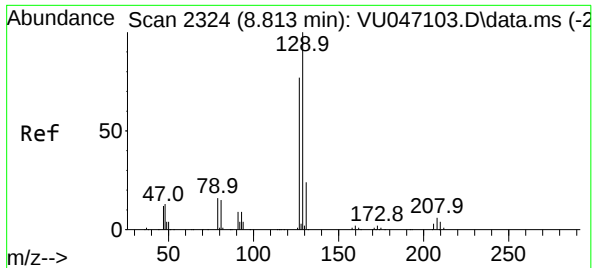
Tgt Ion: 75 Resp: 5421  
Ion Ratio Lower Upper  
75 100  
77 40.9 23.0 42.8



#46  
Tetrachloroethene  
Concen: 5.457 ug/L  
RT: 8.555 min Scan# 2244  
Delta R.T. -0.000 min  
Lab File: VU047111.D  
Acq: 11 Feb 2022 13:45

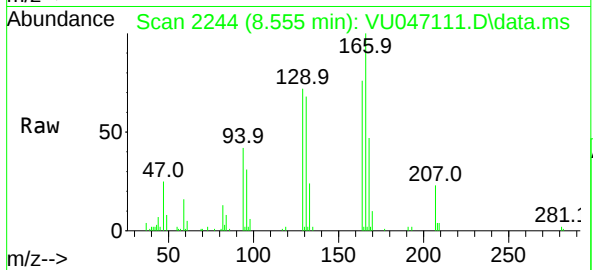
Tgt Ion:164 Resp: 15702  
Ion Ratio Lower Upper  
164 100  
129 94.5 69.5 129.1  
131 88.3 67.0 124.4  
166 130.9 90.6 168.2





#49  
 Dibromochloromethane  
 Concen: 3.706 ug/L  
 RT: 8.555 min Scan# 21  
 Delta R.T. -0.257 min  
 Lab File: VU047111.D  
 Acq: 11 Feb 2022 13:45

Instrument :  
 MSVOA\_U  
 ClientSampleId :



Tgt Ion:129 Resp: 14897  
 Ion Ratio Lower Upper  
 129 100  
 127 0.0 54.5 101.3#

