

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041422\  
 Data File : VU048048.D  
 Acq On : 14 Apr 2022 11:24  
 Operator : SY/MD  
 Sample : N2316-10ME  
 Misc : 6.49g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ETNQ9ME

Quant Time: Apr 15 02:24:40 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM032422WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Apr 15 02:23:12 2022  
 Response via : Initial Calibration

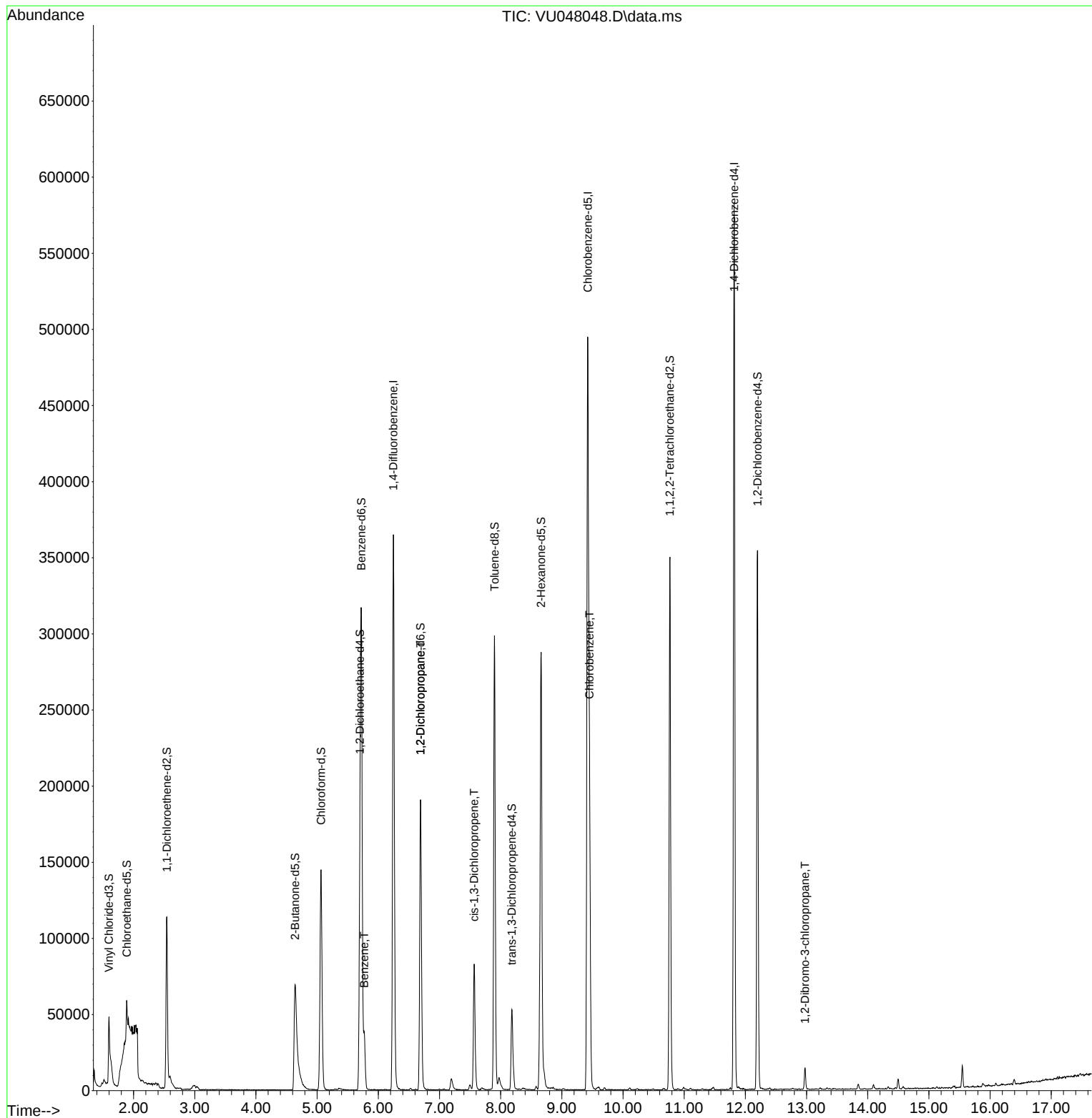
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.247   | 114   | 325331   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.423   | 117   | 329052   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.816  | 152   | 163934   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597   | 65    | 58648    | 24.859   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 49.720%# |
| 7) Chloroethane-d5            | 1.890   | 69    | 36759    | 19.761   | ug/L   | -0.03    |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 39.520%# |
| 11) 1,1-Dichloroethene-d2     | 2.543   | 63    | 70773    | 16.397   | ug/L   | -0.03    |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 32.800%# |
| 21) 2-Butanone-d5             | 4.639   | 46    | 153290   | 75.701   | ug/L   | 0.02     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 75.700%  |
| 24) Chloroform-d              | 5.064   | 84    | 142874   | 33.098   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 66.200%# |
| 26) 1,2-Dichloroethane-d4     | 5.700   | 65    | 102347   | 38.658   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 77.320%  |
| 32) Benzene-d6                | 5.723   | 84    | 272661   | 32.931   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 65.860%# |
| 36) 1,2-Dichloropropane-d6    | 6.690   | 67    | 98153    | 38.600   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 77.200%  |
| 41) Toluene-d8                | 7.899   | 98    | 210721   | 26.121   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 52.240%# |
| 43) trans-1,3-Dichloroprop... | 8.182   | 79    | 37422    | 29.049   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 58.100%# |
| 47) 2-Hexanone-d5             | 8.661   | 63    | 115219   | 77.402   | ug/L   | 0.03     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 77.400%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.764  | 84    | 174502   | 39.987   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 79.980%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.198  | 152   | 97085    | 33.288   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 66.580%# |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 33) Benzene                   | 5.771   | 78    | 36657    | 3.849    | ug/L   | 100      |
| 37) 1,2-Dichloropropane       | 6.690   | 63    | 10109    | 4.175    | ug/L   | # 87     |
| 39) cis-1,3-Dichloropropene   | 7.565   | 75    | 2044     | 0.544    | ug/L   | # 81     |
| 51) Chlorobenzene             | 9.452   | 112   | 116047   | 16.354   | ug/L   | 97       |
| 68) 1,2-Dibromo-3-chloropr... | 12.973  | 75    | 2520     | 2.546    | ug/L   | # 1      |
| -----                         |         |       |          |          |        |          |

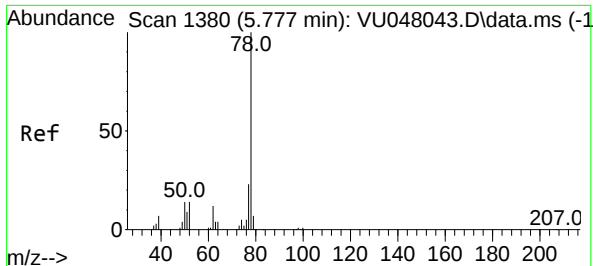
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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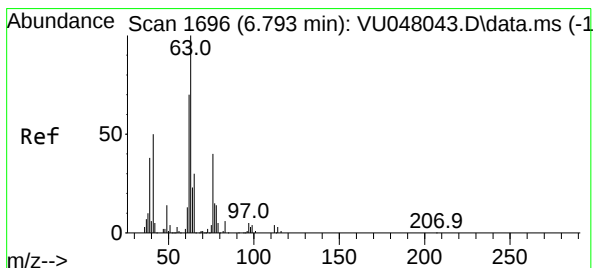
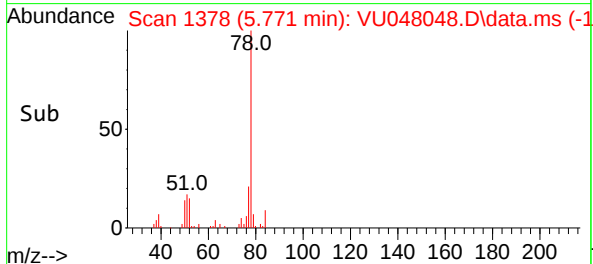
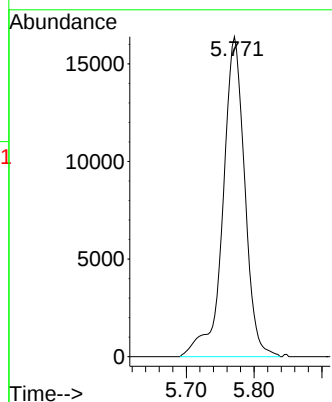
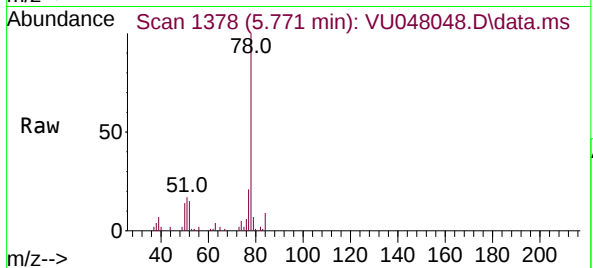




#33  
Benzene  
Concen: 3.849 ug/L  
RT: 5.771 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VU048048.D  
Acq: 14 Apr 2022 11:24

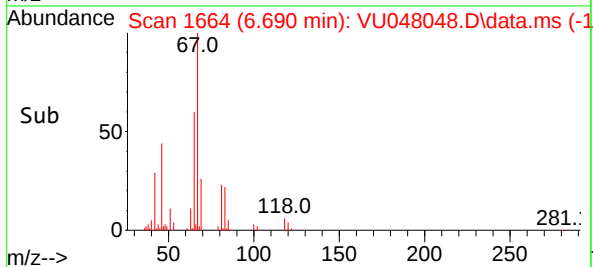
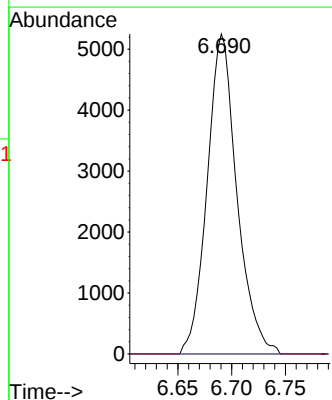
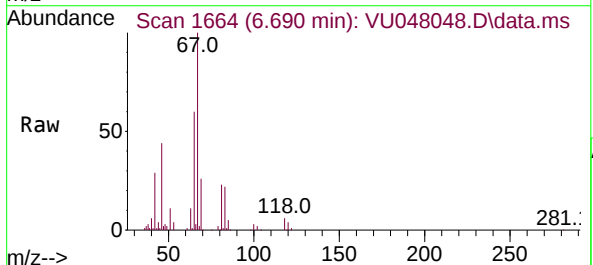
Instrument :  
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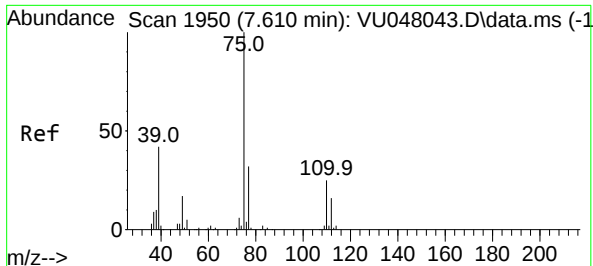
Tgt Ion: 78 Resp: 36657



#37  
1,2-Dichloropropane  
Concen: 4.175 ug/L  
RT: 6.690 min Scan# 1664  
Delta R.T. -0.103 min  
Lab File: VU048048.D  
Acq: 14 Apr 2022 11:24

Tgt Ion: 63 Resp: 10109  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.544 ug/L

RT: 7.565 min Scan# 1950

Delta R.T. -0.045 min

Lab File: VU048048.D

Acq: 14 Apr 2022 11:24

Instrument :

MSVOA\_U

ClientSampleId :

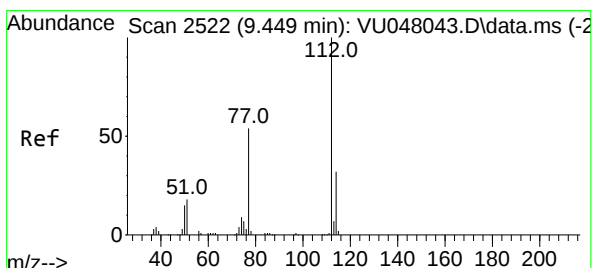
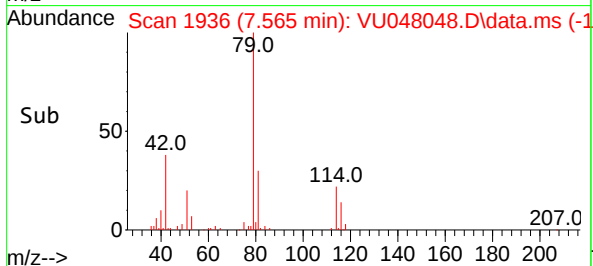
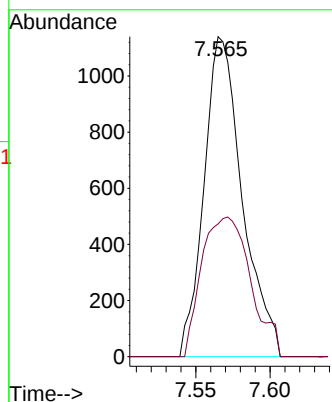
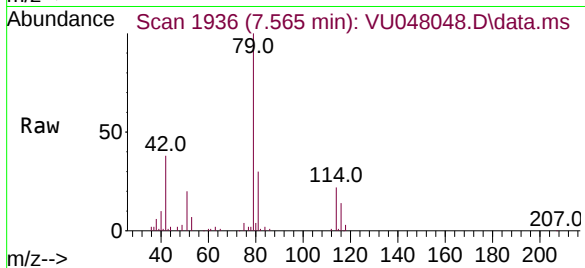
ETNQ9ME

Tgt Ion: 75 Resp: 2044

Ion Ratio Lower Upper

75 100

77 41.5 21.8 40.6#



#51

Chlorobenzene

Concen: 16.354 ug/L

RT: 9.452 min Scan# 2523

Delta R.T. 0.003 min

Lab File: VU048048.D

Acq: 14 Apr 2022 11:24

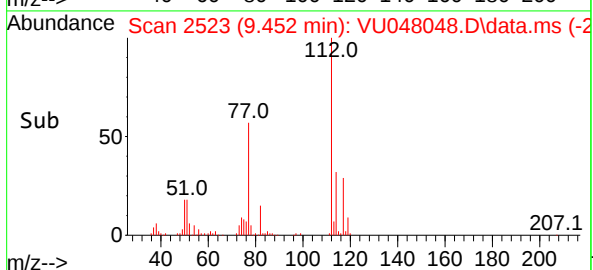
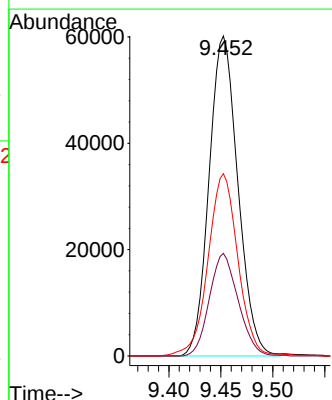
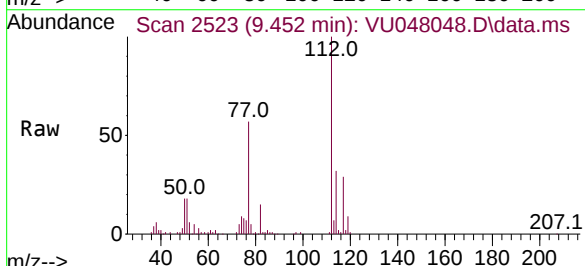
Tgt Ion: 112 Resp: 116047

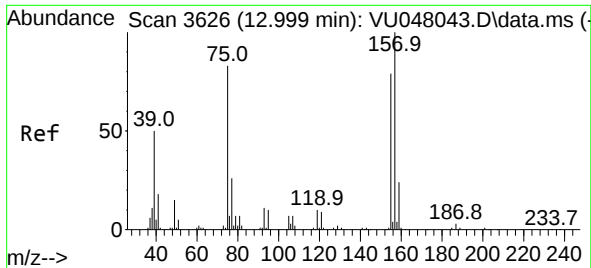
Ion Ratio Lower Upper

112 100

114 32.0 22.1 41.1

77 57.0 43.4 65.0





#68

1,2-Dibromo-3-chloropropane

Concen: 2.546 ug/L

RT: 12.973 min Scan# 30

Delta R.T. -0.026 min

Lab File: VU048048.D

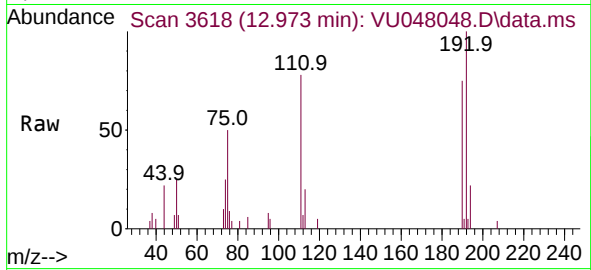
Acq: 14 Apr 2022 11:24

Instrument :

MSVOA\_U

ClientSampleId :

ETNQ9ME



Tgt Ion: 75 Resp: 2520

Ion Ratio Lower Upper

75 100

155 0.0 78.9 118.3#

157 0.0 97.5 146.3#

