

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU011122\  
 Data File : VU046729.D  
 Acq On : 11 Jan 2022 16:34  
 Operator : SY/MD  
 Sample : N1053-27ME  
 Misc : 6.56g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Jan 12 04:51:53 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM010522WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jan 12 04:49:52 2022  
 Response via : Initial Calibration

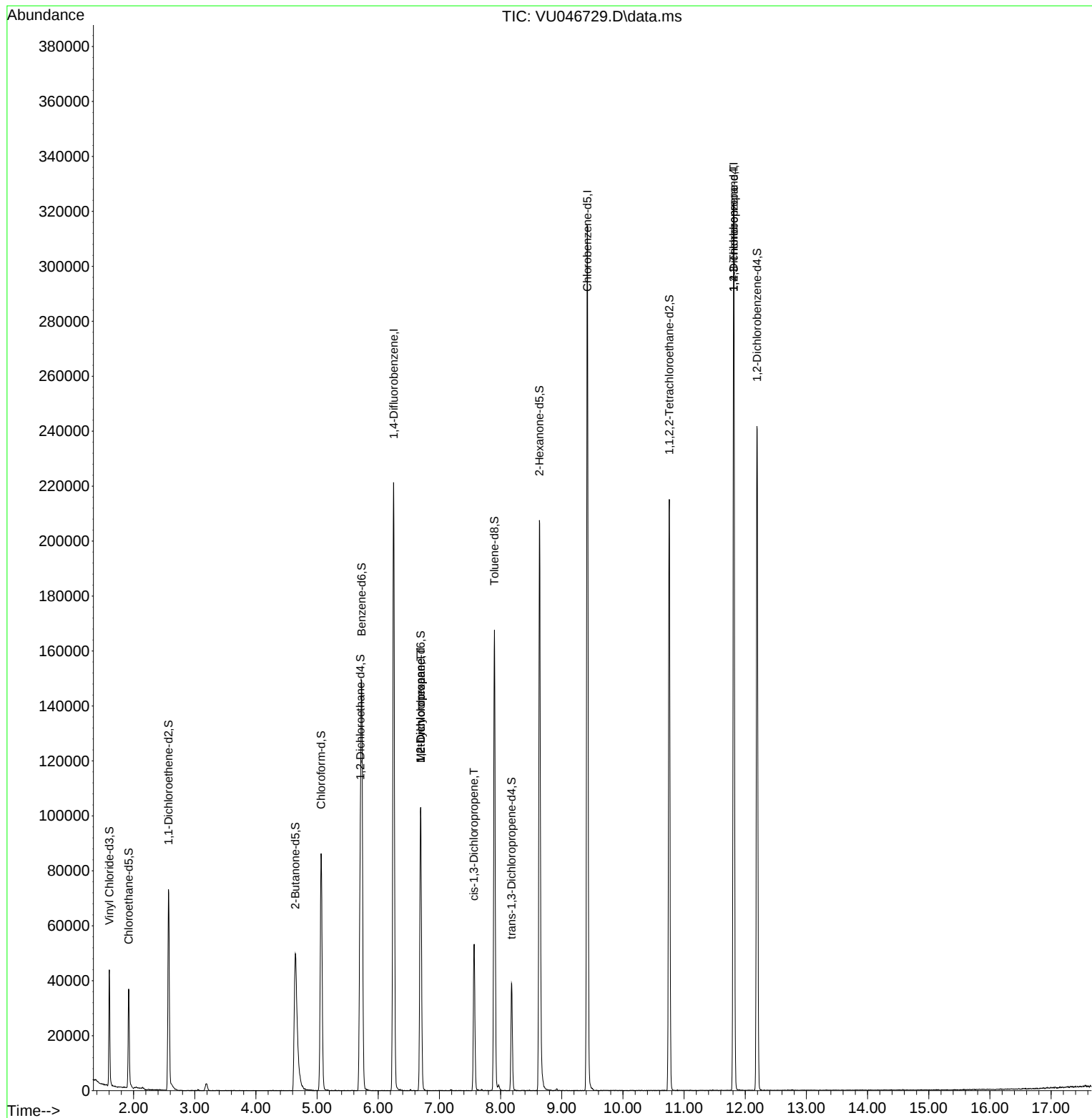
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.253   | 114   | 183987   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417   | 117   | 179869   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812  | 152   | 85984    | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.604   | 65    | 32564    | 20.283   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 40.560%# |
| 7) Chloroethane-d5            | 1.919   | 69    | 28825    | 24.168   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 48.340%# |
| 11) 1,1-Dichloroethene-d2     | 2.571   | 63    | 42851    | 15.692   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 31.380%# |
| 21) 2-Butanone-d5             | 4.645   | 46    | 104192   | 88.669   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 88.670%  |
| 24) Chloroform-d              | 5.066   | 84    | 82189    | 29.039   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 58.080%# |
| 26) 1,2-Dichloroethane-d4     | 5.706   | 65    | 55577    | 30.962   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 61.920%# |
| 32) Benzene-d6                | 5.729   | 84    | 139946   | 24.931   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 49.860%# |
| 36) 1,2-Dichloropropane-d6    | 6.693   | 67    | 48987    | 28.602   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 57.200%# |
| 41) Toluene-d8                | 7.899   | 98    | 113583   | 22.634   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 45.260%# |
| 43) trans-1,3-Dichloroprop... | 8.179   | 79    | 23289    | 28.224   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 56.440%# |
| 47) 2-Hexanone-d5             | 8.635   | 63    | 81023    | 89.048   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 89.050%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758  | 84    | 104366   | 39.345   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 78.700%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.192  | 152   | 64947    | 36.503   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 73.000%# |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 35) Methylcyclohexane         | 6.693   | 83    | 12506    | 5.739    | ug/L # | 20       |
| 37) 1,2-Dichloropropane       | 6.693   | 63    | 5646     | 4.124    | ug/L # | 86       |
| 39) cis-1,3-Dichloropropene   | 7.565   | 75    | 1288     | 0.611    | ug/L # | 78       |
| 60) 1,2,3-Trichloropropane    | 11.812  | 75    | 9905     | 5.474    | ug/L # | 65       |
| -----                         |         |       |          |          |        |          |

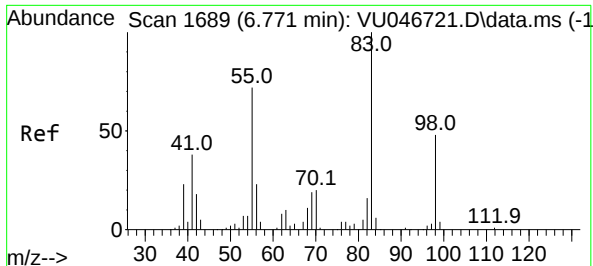
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_U  
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Quant Time: Jan 12 04:51:53 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM010522WMA.M  
Quant Title : VOC Analysis  
QLast Update : Wed Jan 12 04:49:52 2022  
Response via : Initial Calibration





#35

Methylcyclohexane

Concen: 5.739 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.077 min

Lab File: VU046729.D

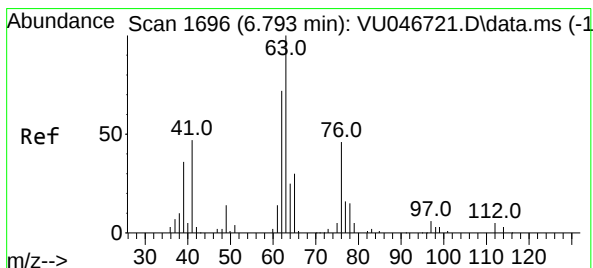
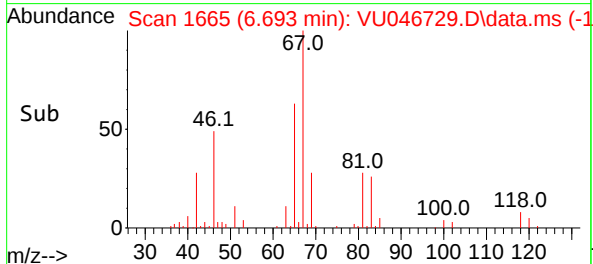
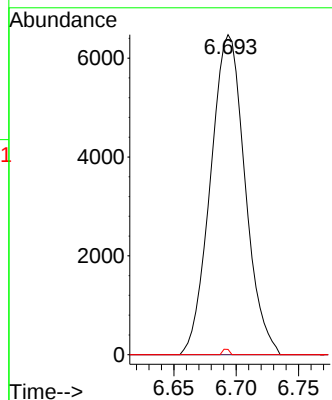
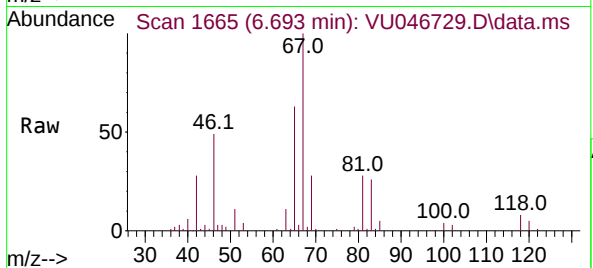
Acq: 11 Jan 2022 16:34

Instrument :

MSVOA\_U

ClientSampleId :

|             |                |
|-------------|----------------|
| Tgt Ion: 83 | Resp: 12506    |
| Ion Ratio   | Lower Upper    |
| 83          | 100            |
| 55          | 0.0 56.6 85.0# |
| 98          | 0.3 38.4 57.6# |



#37

1,2-Dichloropropane

Concen: 4.124 ug/L

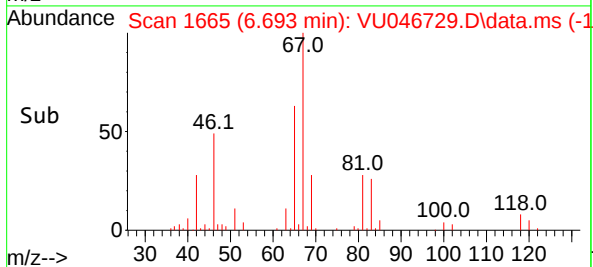
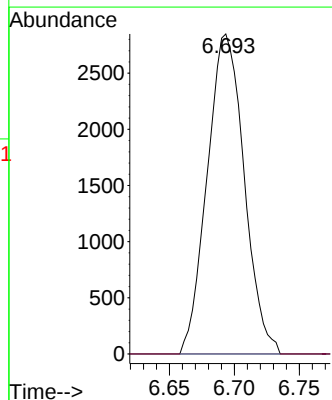
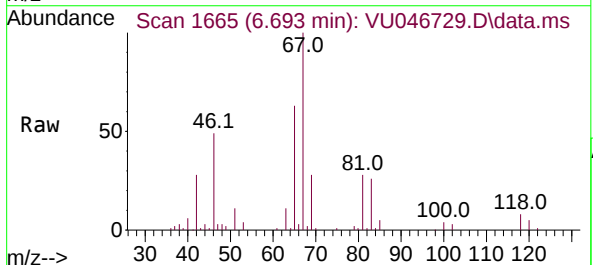
RT: 6.693 min Scan# 1665

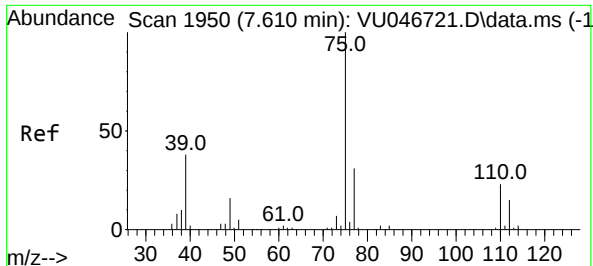
Delta R.T. -0.100 min

Lab File: VU046729.D

Acq: 11 Jan 2022 16:34

|             |              |
|-------------|--------------|
| Tgt Ion: 63 | Resp: 5646   |
| Ion Ratio   | Lower Upper  |
| 63          | 100          |
| 112         | 0.0 3.7 5.5# |





#39

cis-1,3-Dichloropropene

Concen: 0.611 ug/L

RT: 7.565 min Scan# 1950

Delta R.T. -0.045 min

Lab File: VU046729.D

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Instrument :

MSVOA\_U

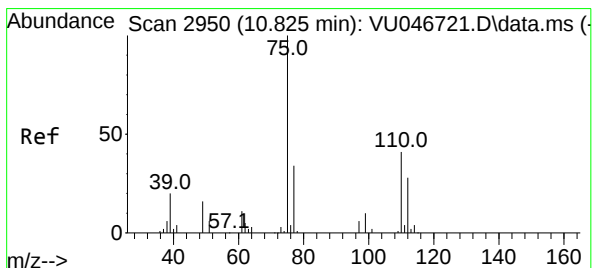
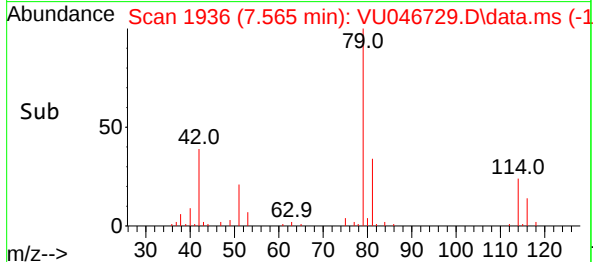
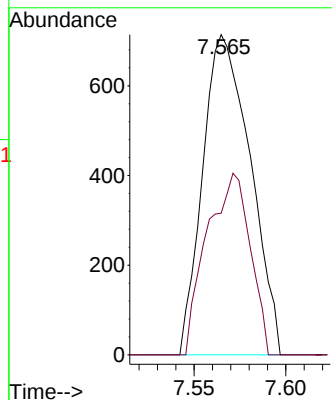
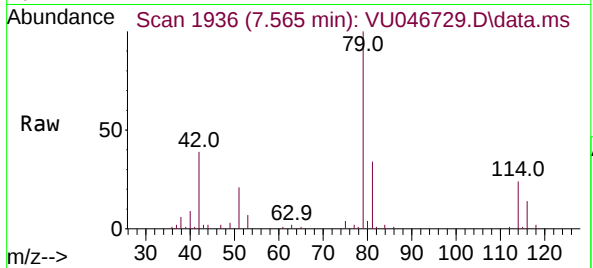
ClientSampleId :

Tgt Ion: 75 Resp: 1288

Ion Ratio Lower Upper

75 100

77 44.3 22.3 41.3#



#60

1,2,3-Trichloropropane

Concen: 5.474 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU046729.D

Acq: 11 Jan 2022 16:34

Tgt Ion: 75 Resp: 9905

Ion Ratio Lower Upper

75 100

77 34.4 26.2 39.2

110 2.3 32.5 48.7#

