

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU072122\  
 Data File : VU049819.D  
 Acq On : 21 Jul 2022 10:17  
 Operator : SY/MD  
 Sample : VU0721MBL01  
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 4 Sample Multiplier: 1

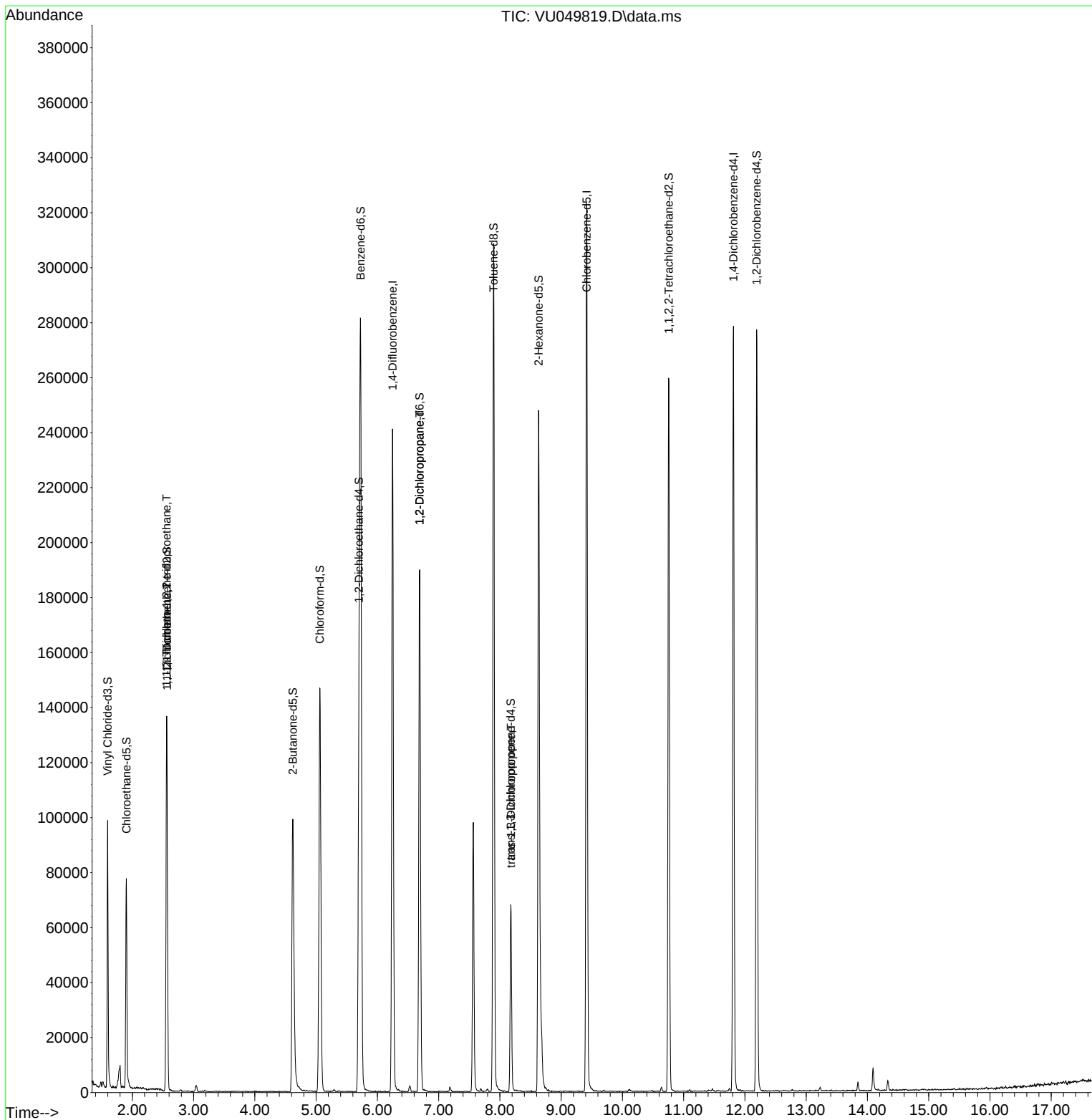
Instrument :  
 MSVOA\_U  
 ClientSampleId :

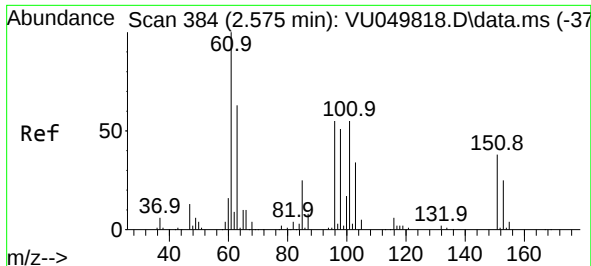
Quant Time: Jul 22 04:11:06 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM071122WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jul 22 03:08:56 2022  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.250          | 114  | 180182     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417          | 117  | 168790     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812         | 152  | 70214      | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597          | 65   | 66379      | 43.662   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 87.320%  |        |          |
| 7) Chloroethane-d5            | 1.903          | 69   | 52956      | 48.189   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 96.380%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.562          | 63   | 83135      | 30.958   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 61.920%  |        |          |
| 21) 2-Butanone-d5             | 4.620          | 46   | 148320     | 114.285  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 114.280% |        |          |
| 24) Chloroform-d              | 5.060          | 84   | 134277     | 49.868   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 99.740%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.700          | 65   | 95916      | 52.632   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 105.260% |        |          |
| 32) Benzene-d6                | 5.726          | 84   | 246810     | 48.132   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 96.260%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.690          | 67   | 89611      | 51.955   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 103.920% |        |          |
| 41) Toluene-d8                | 7.896          | 98   | 199211     | 44.611   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 89.220%  |        |          |
| 43) trans-1,3-Dichloroprop... | 8.179          | 79   | 36701      | 50.505   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 101.000% |        |          |
| 47) 2-Hexanone-d5             | 8.632          | 63   | 72686      | 93.686   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 93.690%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.755         | 84   | 128332     | 53.176   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 106.360% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.192         | 152  | 69226      | 52.292   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 104.580% |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.559          | 101  | 750        | 0.540    | ug/L # | 20       |
| 12) 1,1-Dichloroethene        | 2.565          | 96   | 553        | 0.429    | ug/L # | 1        |
| 37) 1,2-Dichloropropane       | 6.690          | 63   | 10018      | 5.697    | ug/L # | 89       |
| 44) trans-1,3-Dichloropropene | 8.182          | 75   | 1992       | 0.895    | ug/L   | 97       |
| -----                         |                |      |            |          |        |          |

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

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.540 ug/L

RT: 2.559 min Scan# 31

Delta R.T. -0.016 min

Lab File: VU049819.D

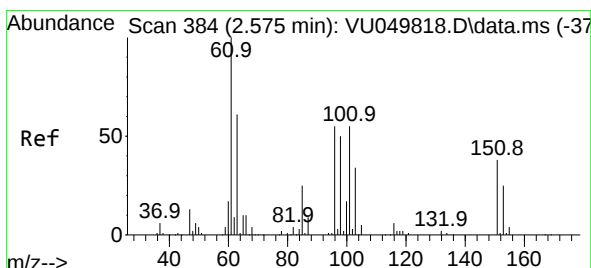
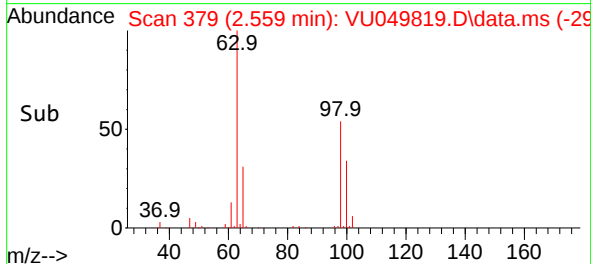
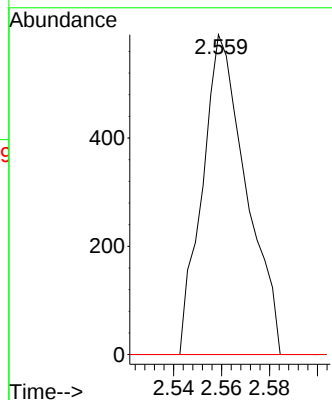
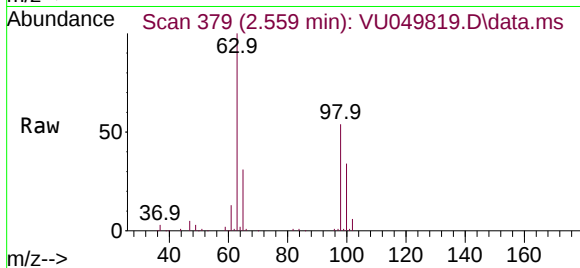
Acq: 21 Jul 2022 10:17

Instrument :

MSVOA\_U

ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 101   | Resp: | 750   |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 0.0   | 37.3  | 55.9# |
| 151       | 0.0   | 56.9  | 85.3# |



#12

1,1-Dichloroethene

Concen: 0.429 ug/L

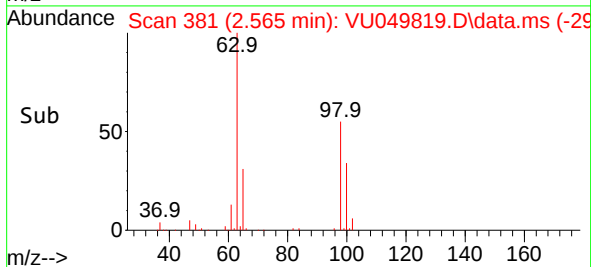
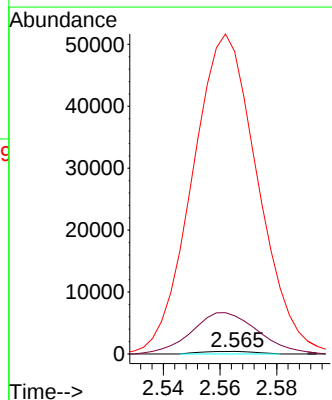
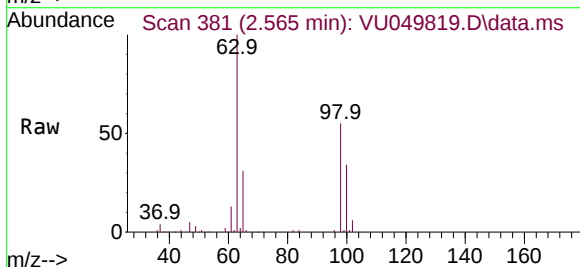
RT: 2.565 min Scan# 381

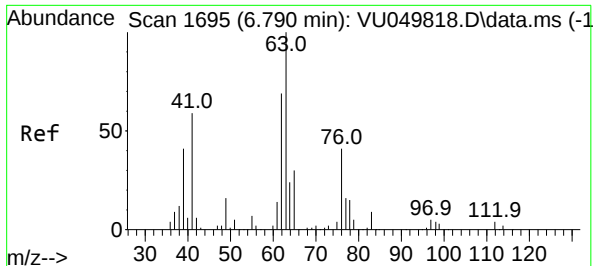
Delta R.T. -0.010 min

Lab File: VU049819.D

Acq: 21 Jul 2022 10:17

|           |         |       |        |
|-----------|---------|-------|--------|
| Tgt Ion:  | 96      | Resp: | 553    |
| Ion Ratio | Lower   | Upper |        |
| 96        | 100     |       |        |
| 61        | 1527.5  | 129.6 | 240.6# |
| 63        | 12099.0 | 79.0  | 146.6# |





#37

1,2-Dichloropropane

Concen: 5.697 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU049819.D

Acq: 21 Jul 2022 10:17

Instrument :

MSVOA\_U

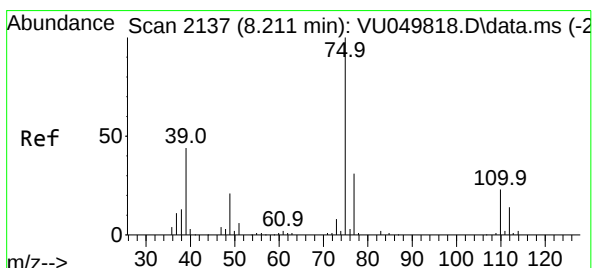
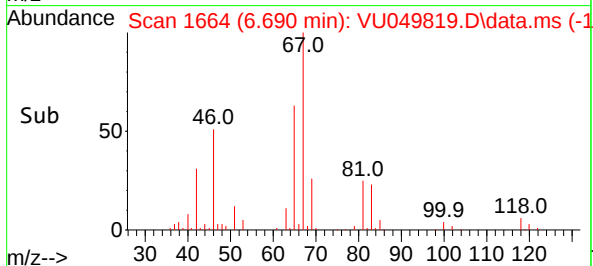
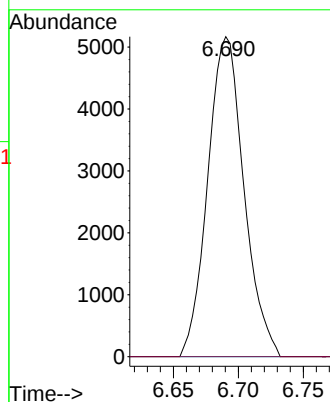
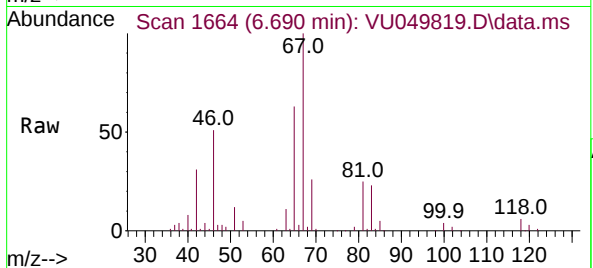
ClientSampleId :

Tgt Ion: 63 Resp: 10018

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#44

trans-1,3-Dichloropropene

Concen: 0.895 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.029 min

Lab File: VU049819.D

Acq: 21 Jul 2022 10:17

Tgt Ion: 75 Resp: 1992

Ion Ratio Lower Upper

75 100

77 30.4 22.5 41.9

