

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111522\  
 Data File : VU051862.D  
 Acq On : 15 Nov 2022 16:22  
 Operator : JC/MD  
 Sample : VU1115MBL01  
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK010

Quant Time: Nov 16 01:10:14 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM111522WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Nov 16 01:02:23 2022  
 Response via : Initial Calibration

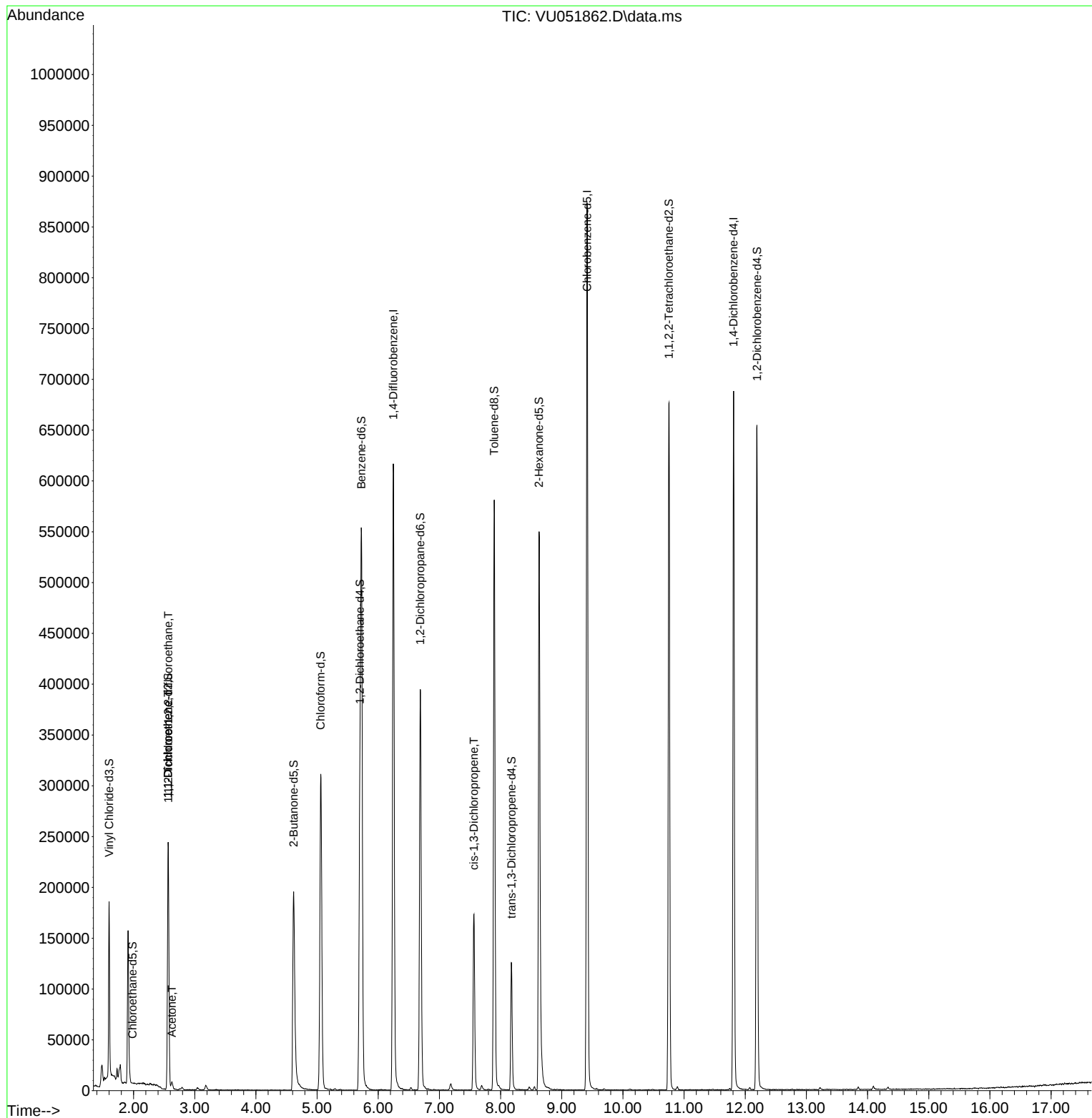
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.247          | 114  | 513155     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.414          | 117  | 502463     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809         | 152  | 187137     | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.600          | 65   | 121732     | 48.321   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 96.640%  |        |          |
| 7) Chloroethane-d5            | 1.983          | 69   | 314        | 0.124    | ug/L   | 0.09     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 0.240%#  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.565          | 63   | 145506     | 32.209   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 64.420%  |        |          |
| 21) 2-Butanone-d5             | 4.616          | 46   | 277105     | 96.732   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 96.730%  |        |          |
| 24) Chloroform-d              | 5.060          | 84   | 295387     | 46.774   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 93.540%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.700          | 65   | 187208     | 48.427   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 96.860%  |        |          |
| 32) Benzene-d6                | 5.726          | 84   | 531000     | 50.684   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 101.360% |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.687          | 67   | 201152     | 51.582   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 103.160% |        |          |
| 41) Toluene-d8                | 7.896          | 98   | 402116     | 46.762   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 93.520%  |        |          |
| 43) trans-1,3-Dichloroprop... | 8.179          | 79   | 70264      | 45.236   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 90.480%  |        |          |
| 47) 2-Hexanone-d5             | 8.629          | 63   | 184099     | 92.889   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 92.890%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.751         | 84   | 349369     | 46.031   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 92.060%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.192         | 152  | 179726     | 54.573   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 109.140% |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.568          | 101  | 1654       | 0.505    | ug/L # | 26       |
| 12) 1,1-Dichloroethene        | 2.565          | 96   | 1334       | 0.436    | ug/L # | 1        |
| 13) Acetone                   | 2.626          | 43   | 7586       | 2.475    | ug/L   | 91       |
| 39) cis-1,3-Dichloropropene   | 7.565          | 75   | 3995       | 0.746    | ug/L # | 53       |
| -----                         |                |      |            |          |        |          |

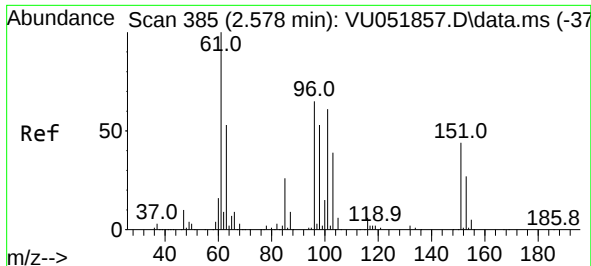
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VU1115MBL01  
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
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Quant Title : VOC Analysis  
QLast Update : Wed Nov 16 01:02:23 2022  
Response via : Initial Calibration

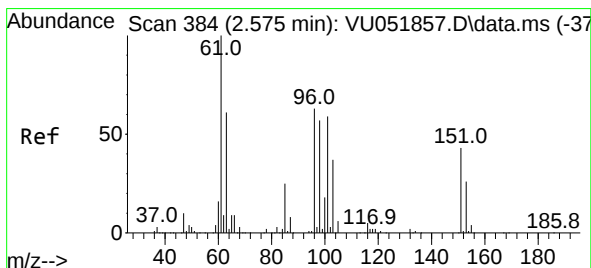
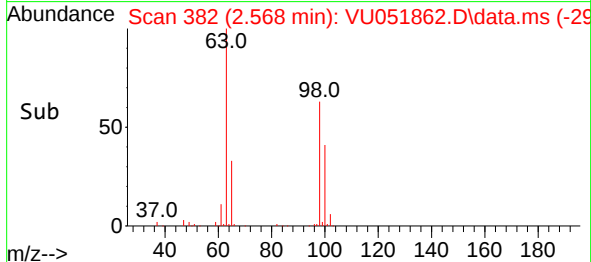
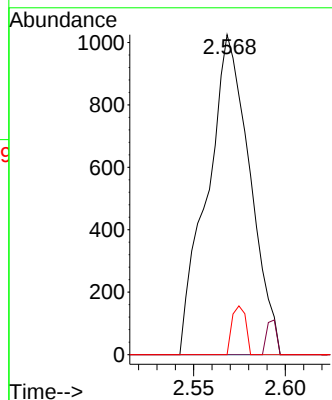
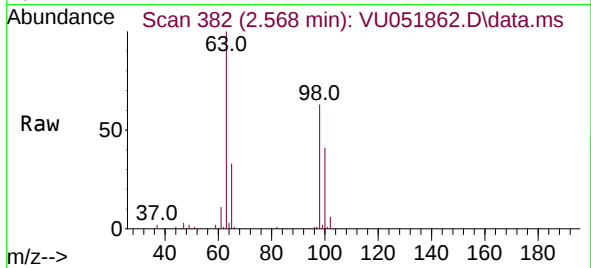




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 0.505 ug/L  
 RT: 2.568 min Scan# 382  
 Delta R.T. -0.010 min  
 Lab File: VU051862.D  
 Acq: 15 Nov 2022 16:22

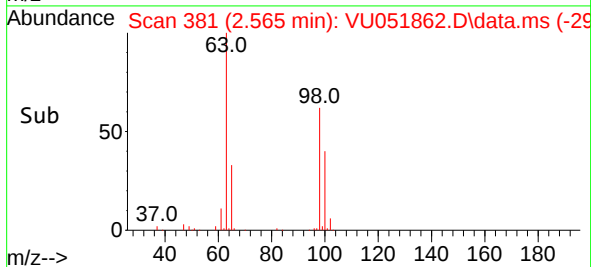
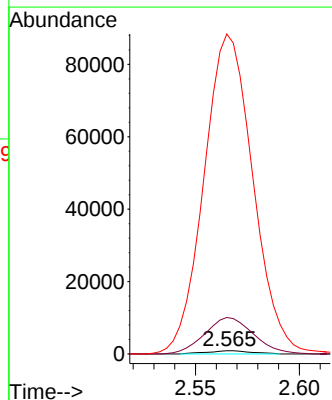
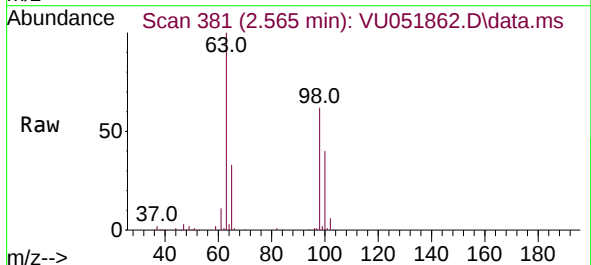
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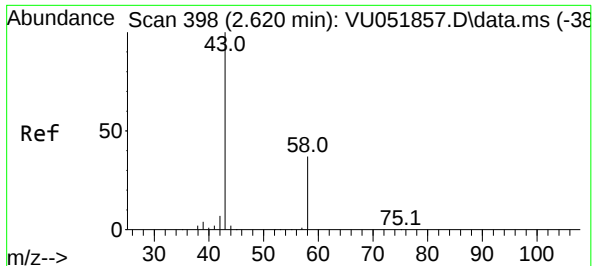
Tgt Ion:101 Resp: 1654  
 Ion Ratio Lower Upper  
 101 100  
 85 2.5 34.2 51.2#  
 151 4.8 58.3 87.5#



#12  
 1,1-Dichloroethene  
 Concen: 0.436 ug/L  
 RT: 2.565 min Scan# 381  
 Delta R.T. -0.010 min  
 Lab File: VU051862.D  
 Acq: 15 Nov 2022 16:22

Tgt Ion: 96 Resp: 1334  
 Ion Ratio Lower Upper  
 96 100  
 61 1128.3 110.7 205.5#  
 63 9901.0 68.6 127.4#





#13

Acetone

Concen: 2.475 ug/L

RT: 2.626 min Scan# 400

Delta R.T. 0.006 min

Lab File: VU051862.D

Acq: 15 Nov 2022 16:22

Instrument :

MSVOA\_U

ClientSampleId :

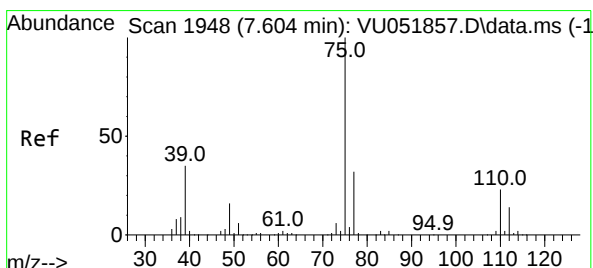
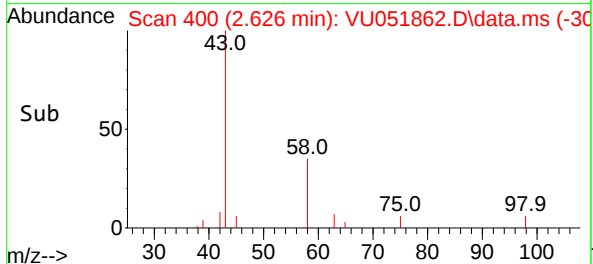
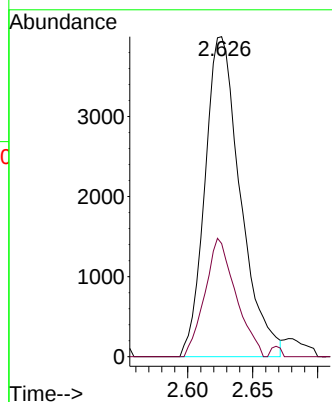
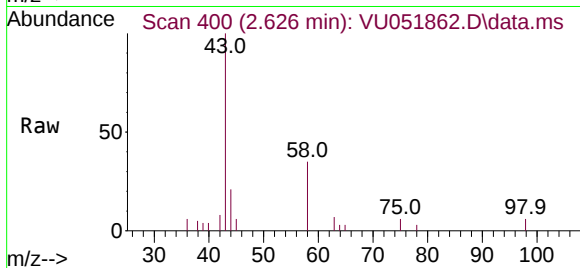
VBLK010

Tgt Ion: 43 Resp: 7586

Ion Ratio Lower Upper

43 100

58 32.2 0.0 75.4



#39

cis-1,3-Dichloropropene

Concen: 0.746 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.039 min

Lab File: VU051862.D

Acq: 15 Nov 2022 16:22

Tgt Ion: 75 Resp: 3995

Ion Ratio Lower Upper

75 100

77 58.2 22.5 41.7#

