

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU043023\  
 Data File : VU054011.D  
 Acq On : 30 Apr 2023 01:06  
 Operator : JC/MD  
 Sample : 02548-25ME  
 Misc : 5.73g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DCCQ5ME

Manual Integrations  
 APPROVED

Reviewed By :Krupa Patel 05/01/2023  
 Supervised By :Mahesh Dadoda 05/01/2023

Quant Time: May 01 03:02:27 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM042923WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon May 01 02:19:21 2023  
 Response via : Initial Calibration

| Compound                      | R.T. QIon |                | Response | Conc        | Units | Dev(Min) |
|-------------------------------|-----------|----------------|----------|-------------|-------|----------|
| Internal Standards            |           |                |          |             |       |          |
| 1) 1,4-Difluorobenzene        | 6.243     | 114            | 215075   | 50.000      | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.417     | 117            | 208036   | 50.000      | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812    | 152            | 103899   | 50.000      | ug/L  | 0.00     |
| System Monitoring Compounds   |           |                |          |             |       |          |
| 4) Vinyl Chloride-d3          | 1.597     | 65             | 185476   | 114.024     | ug/L  | 0.00     |
| Spiked Amount                 | 50.000    | Range 60 - 135 | Recovery | = 228.040%# |       |          |
| 7) Chloroethane-d5            | 1.909     | 69             | 108955   | 102.041     | ug/L  | 0.00     |
| Spiked Amount                 | 50.000    | Range 70 - 130 | Recovery | = 204.080%# |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.552     | 63             | 280624   | 97.268      | ug/L  | -0.01    |
| Spiked Amount                 | 50.000    | Range 60 - 125 | Recovery | = 194.540%# |       |          |
| 21) 2-Butanone-d5             | 4.629     | 46             | 242994   | 261.923     | ug/L  | 0.00     |
| Spiked Amount                 | 100.000   | Range 40 - 130 | Recovery | = 261.920%# |       |          |
| 24) Chloroform-d              | 5.054     | 84             | 361891   | 121.135     | ug/L  | 0.00     |
| Spiked Amount                 | 50.000    | Range 70 - 125 | Recovery | = 242.280%# |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.693     | 65             | 241408   | 125.853     | ug/L  | 0.00     |
| Spiked Amount                 | 50.000    | Range 70 - 125 | Recovery | = 251.700%# |       |          |
| 32) Benzene-d6                | 5.719     | 84             | 758422   | 123.853     | ug/L  | 0.00     |
| Spiked Amount                 | 50.000    | Range 70 - 125 | Recovery | = 247.700%# |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.684     | 67             | 246576   | 127.552     | ug/L  | 0.00     |
| Spiked Amount                 | 50.000    | Range 70 - 120 | Recovery | = 255.100%# |       |          |
| 41) Toluene-d8                | 7.893     | 98             | 701518   | 126.891     | ug/L  | 0.00     |
| Spiked Amount                 | 50.000    | Range 80 - 120 | Recovery | = 253.780%# |       |          |
| 43) trans-1,3-Dichloroprop... | 8.176     | 79             | 118318   | 123.676     | ug/L  | 0.00     |
| Spiked Amount                 | 50.000    | Range 60 - 125 | Recovery | = 247.360%# |       |          |
| 47) 2-Hexanone-d5             | 8.652     | 63             | 183594   | 265.156     | ug/L  | 0.02     |
| Spiked Amount                 | 100.000   | Range 45 - 130 | Recovery | = 265.160%# |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758    | 84             | 319584   | 125.506     | ug/L  | 0.00     |
| Spiked Amount                 | 50.000    | Range 65 - 120 | Recovery | = 251.020%# |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.192    | 152            | 282519   | 139.192     | ug/L  | 0.00     |
| Spiked Amount                 | 50.000    | Range 80 - 120 | Recovery | = 278.380%# |       |          |
| Target Compounds              |           |                |          |             |       | Qvalue   |
| 13) Acetone                   | 2.642     | 43             | 71014    | 77.986      | ug/L  | 99       |
| 22) 2-Butanone                | 4.729     | 43             | 9090m    | 8.455       | ug/L  |          |
| 25) Chloroform                | 5.083     | 83             | 7621     | 2.637       | ug/L  | 96       |
| 46) Tetrachloroethene         | 8.549     | 164            | 129201   | 101.333     | ug/L  | 99       |

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

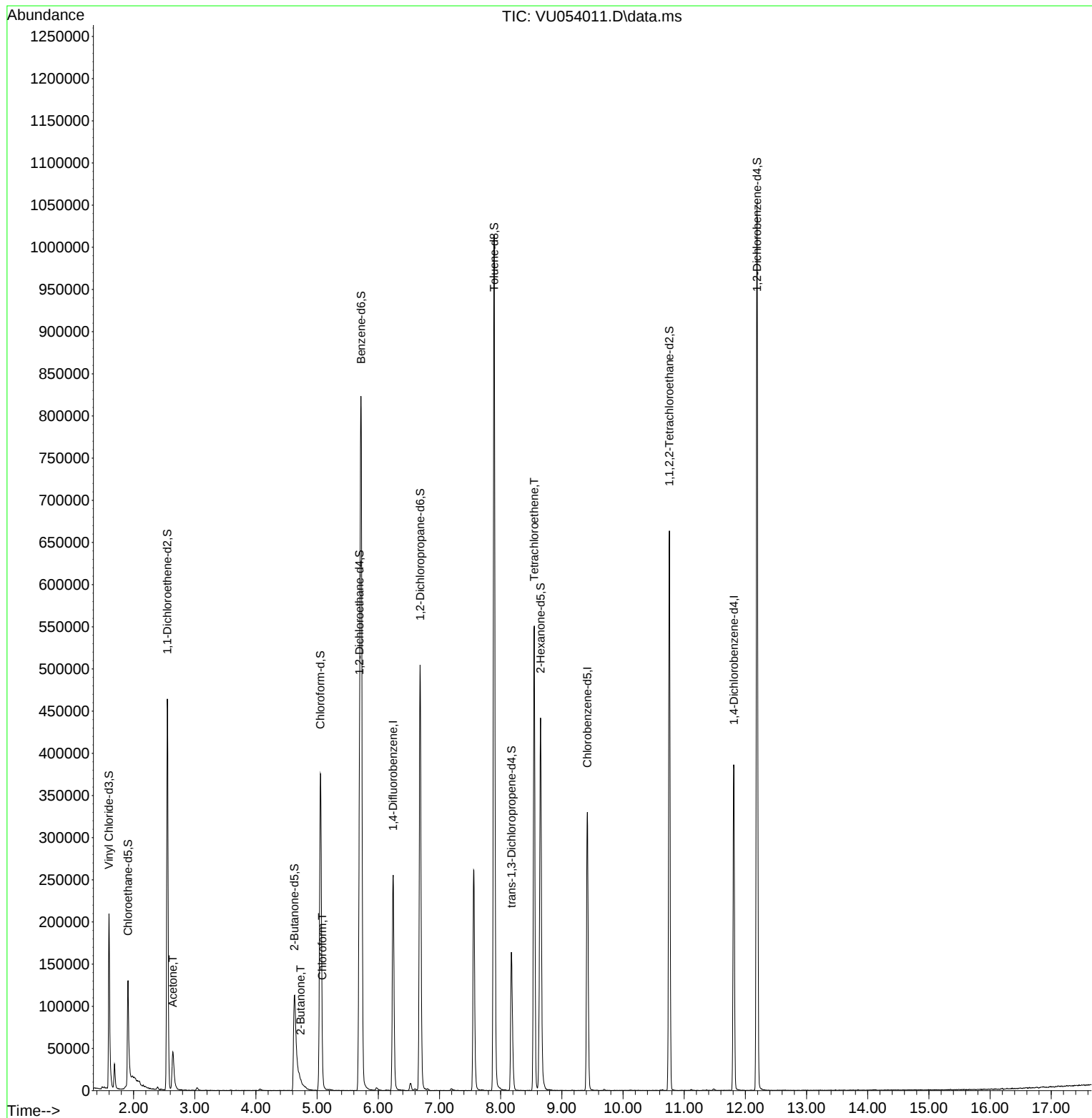
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU043023\  
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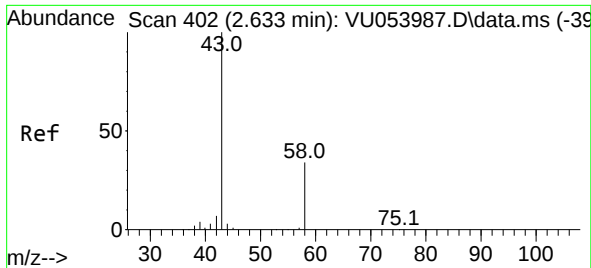
Instrument :  
MSVOA\_U  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM042923WMA.M  
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#13

Acetone

Concen: 77.986 ug/L

RT: 2.642 min Scan# 40

Delta R.T. 0.009 min

Lab File: VU054011.D

Acq: 30 Apr 2023 01:06

Instrument :

MSVOA\_U

ClientSampleId :

DCCQ5ME

Tgt Ion: 43 Resp: 71014

Ion Ratio Lower Upper

43 100

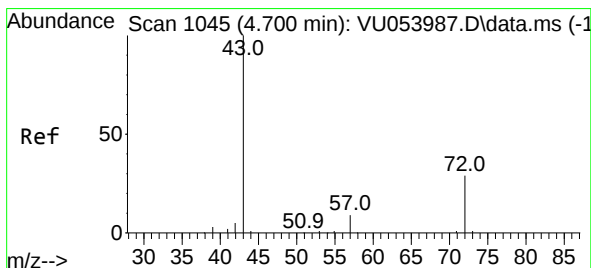
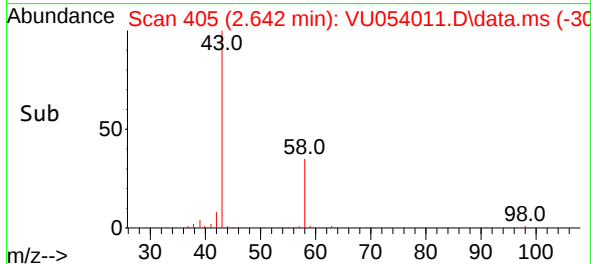
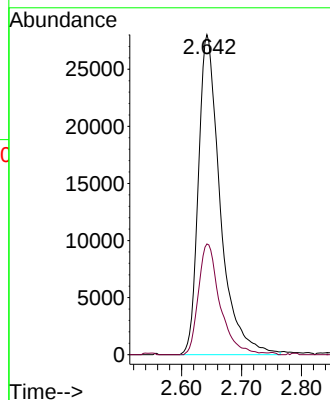
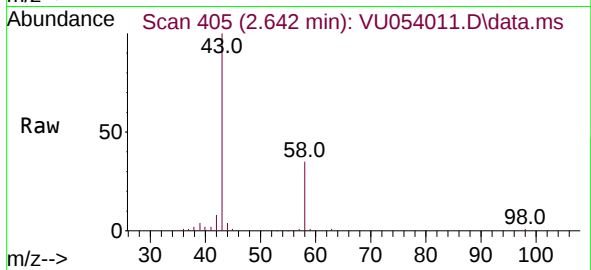
58 34.1 0.0 67.4

Manual Integrations

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#22

2-Butanone

Concen: 8.455 ug/L m

RT: 4.729 min Scan# 1054

Delta R.T. 0.029 min

Lab File: VU054011.D

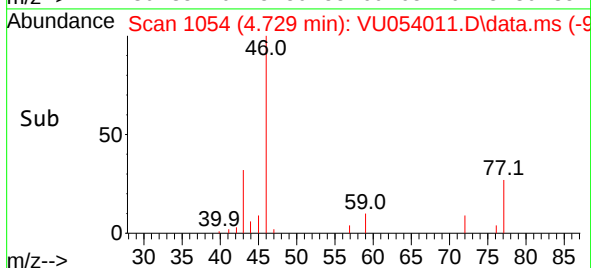
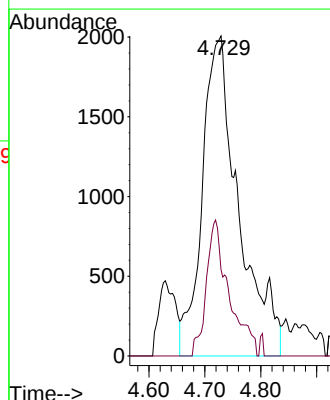
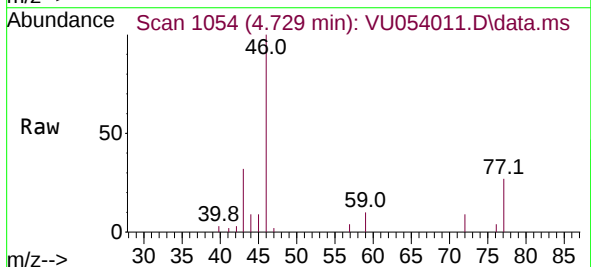
Acq: 30 Apr 2023 01:06

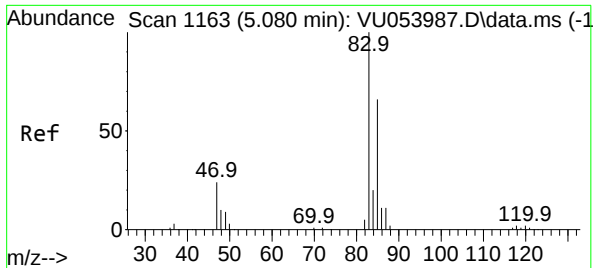
Tgt Ion: 43 Resp: 9090

Ion Ratio Lower Upper

43 100

72 12.2 14.0 41.9#





#25

Chloroform

Concen: 2.637 ug/L

RT: 5.083 min Scan# 1163

Delta R.T. 0.003 min

Lab File: VU054011.D

Acq: 30 Apr 2023 01:06

Instrument :

MSVOA\_U

ClientSampleId :

DCCQ5ME

Tgt Ion: 83 Resp: 762

Ion Ratio Lower Upper

83 100

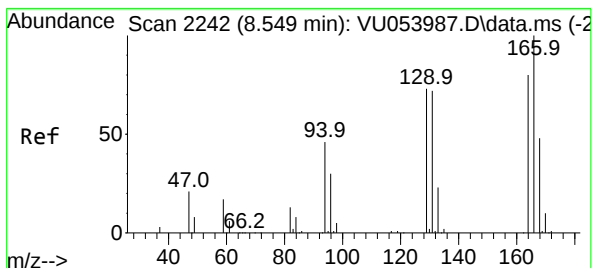
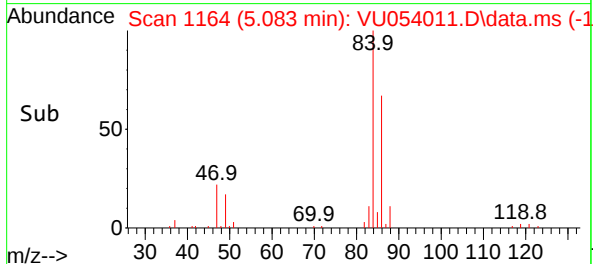
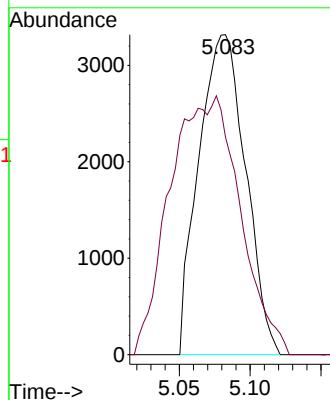
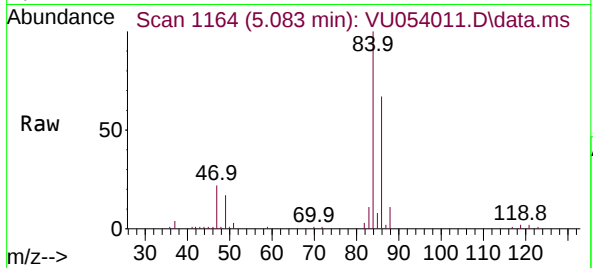
85 68.0 45.2 84.0

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#46

Tetrachloroethene

Concen: 101.333 ug/L

RT: 8.549 min Scan# 2242

Delta R.T. -0.000 min

Lab File: VU054011.D

Acq: 30 Apr 2023 01:06

Tgt Ion:164 Resp: 129201

Ion Ratio Lower Upper

164 100

129 94.1 65.6 121.8

131 89.7 63.8 118.4

166 129.0 88.9 165.1

