

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU100522\  
 Data File : VU051132.D  
 Acq On : 05 Oct 2022 17:11  
 Operator : JC/MD  
 Sample : N4853-15  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Oct 06 03:05:19 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM092922WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Oct 06 02:55:50 2022  
 Response via : Initial Calibration

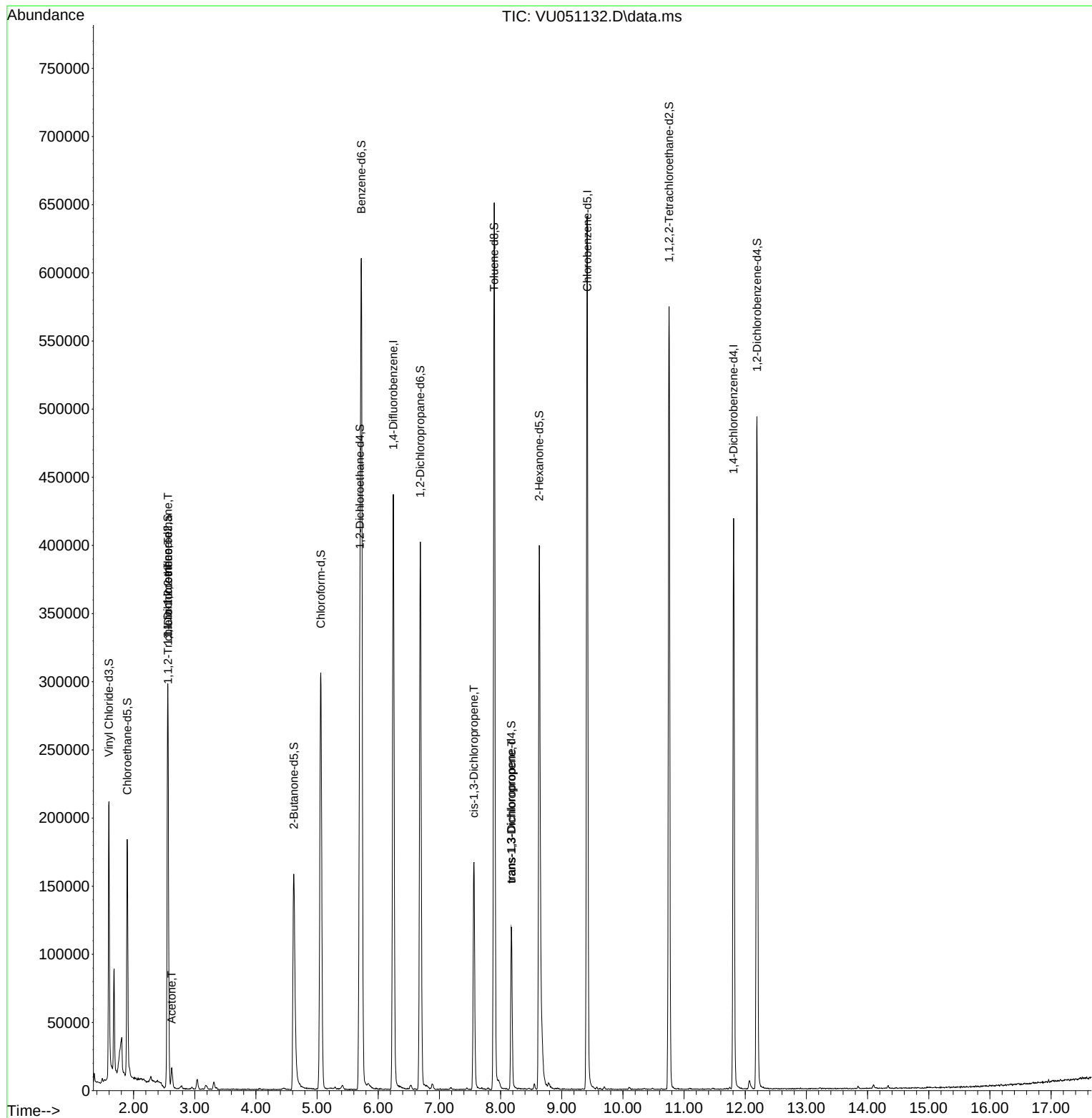
| Compound                      | R.T.    | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|---------|----------------|----------|--------|----------|----------|
| Internal Standards            |         |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.247   | 114            | 351044   | 50.000 | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.417   | 117            | 356098   | 50.000 | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809  | 152            | 112658   | 50.000 | ug/L     | 0.00     |
| System Monitoring Compounds   |         |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.597   | 65             | 145307   | 40.844 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 135 | Recovery | =      | 81.680%  |          |
| 7) Chloroethane-d5            | 1.896   | 69             | 129216   | 39.100 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 130 | Recovery | =      | 78.200%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.559   | 63             | 176985   | 33.678 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =      | 67.360%  |          |
| 21) 2-Butanone-d5             | 4.620   | 46             | 223848   | 97.011 | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 40 - 130 | Recovery | =      | 97.010%  |          |
| 24) Chloroform-d              | 5.060   | 84             | 290567   | 50.694 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =      | 101.380% |          |
| 26) 1,2-Dichloroethane-d4     | 5.700   | 65             | 188503   | 53.132 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =      | 106.260% |          |
| 32) Benzene-d6                | 5.723   | 84             | 561571   | 53.853 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =      | 107.700% |          |
| 36) 1,2-Dichloropropane-d6    | 6.687   | 67             | 198322   | 58.610 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 120 | Recovery | =      | 117.220% |          |
| 41) Toluene-d8                | 7.896   | 98             | 435374   | 45.189 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =      | 90.380%  |          |
| 43) trans-1,3-Dichloroprop... | 8.176   | 79             | 66375    | 41.126 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =      | 82.260%  |          |
| 47) 2-Hexanone-d5             | 8.632   | 63             | 113254   | 82.891 | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 45 - 130 | Recovery | =      | 82.890%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.755  | 84             | 298767   | 50.521 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 65 - 120 | Recovery | =      | 101.040% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.192  | 152            | 133903   | 55.638 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =      | 111.280% |          |
| Target Compounds              |         |                |          |        |          |          |
|                               |         |                |          |        | Qvalue   |          |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.565   | 101            | 1757     | 0.656  | ug/L #   | 24       |
| 12) 1,1-Dichloroethene        | 2.562   | 96             | 1460     | 0.583  | ug/L #   | 1        |
| 13) Acetone                   | 2.623   | 43             | 15360    | 8.336  | ug/L     | 98       |
| 39) cis-1,3-Dichloropropene   | 7.565   | 75             | 4295     | 1.037  | ug/L #   | 69       |
| 44) trans-1,3-Dichloropropene | 8.179   | 75             | 2980     | 0.712  | ug/L #   | 61       |

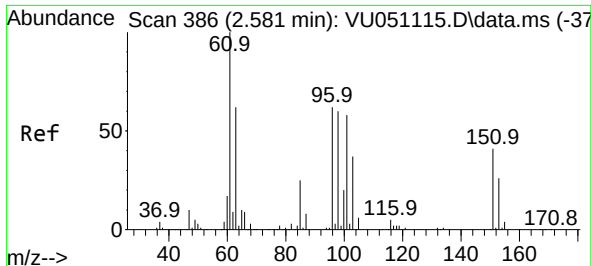
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.656 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.016 min

Lab File: VU051132.D

Acq: 05 Oct 2022 17:11

Instrument :

MSVOA\_U

ClientSampleId :

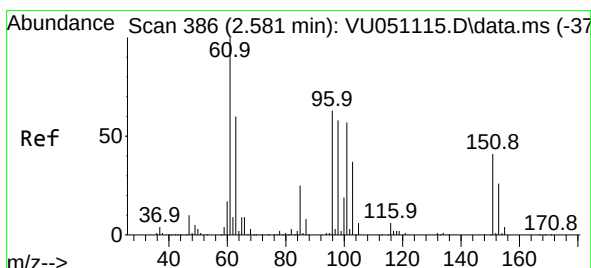
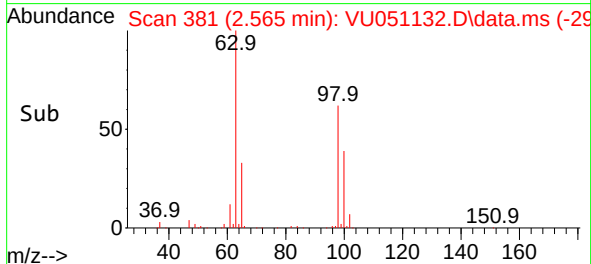
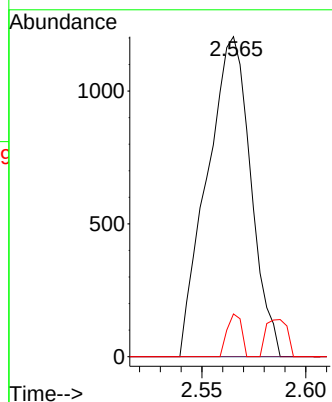
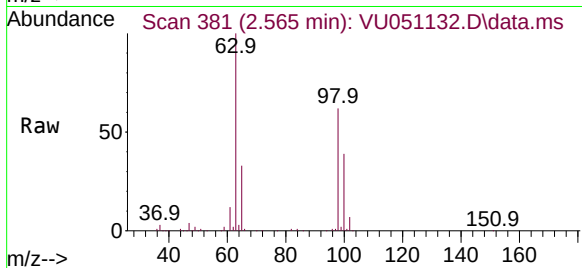
Tgt Ion:101 Resp: 1757

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

151 4.4 58.6 87.8#



#12

1,1-Dichloroethene

Concen: 0.583 ug/L

RT: 2.562 min Scan# 380

Delta R.T. -0.019 min

Lab File: VU051132.D

Acq: 05 Oct 2022 17:11

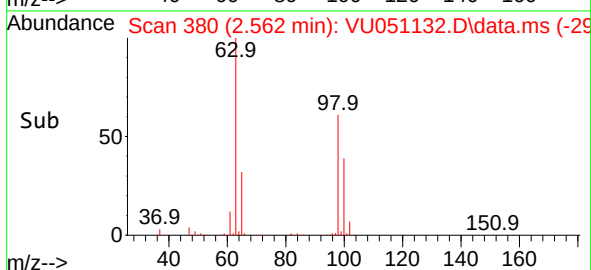
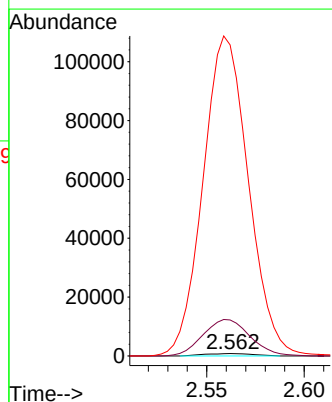
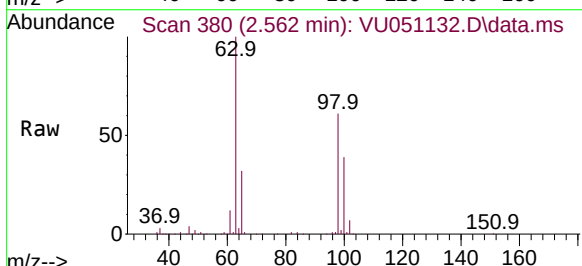
Tgt Ion: 96 Resp: 1460

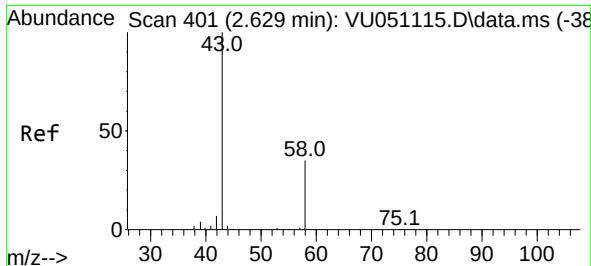
Ion Ratio Lower Upper

96 100

61 1508.9 113.0 209.9#

63 13019.7 91.7 170.3#





#13

Acetone

Concen: 8.336 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.006 min

Lab File: VU051132.D

Acq: 05 Oct 2022 17:11

Instrument :

MSVOA\_U

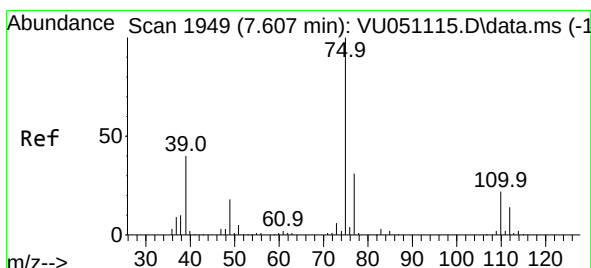
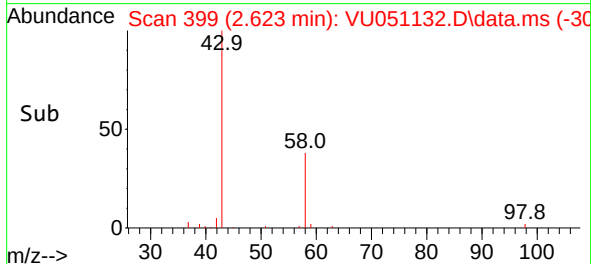
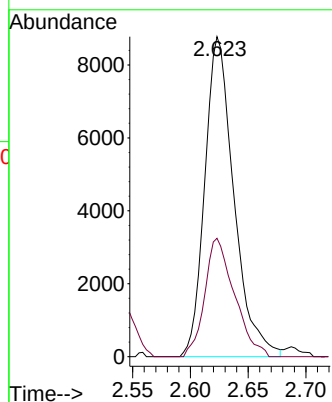
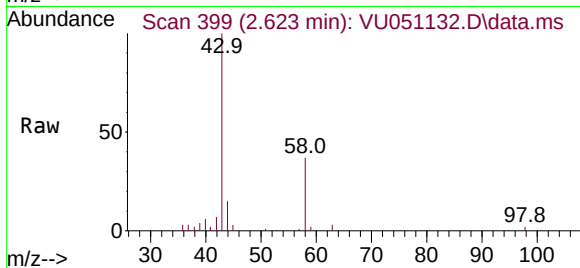
ClientSampleId :

Tgt Ion: 43 Resp: 15360

Ion Ratio Lower Upper

43 100

58 37.7 0.0 73.6



#39

cis-1,3-Dichloropropene

Concen: 1.037 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.042 min

Lab File: VU051132.D

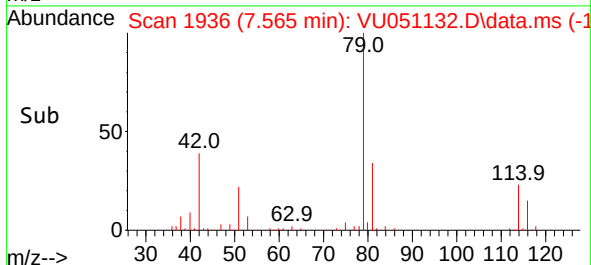
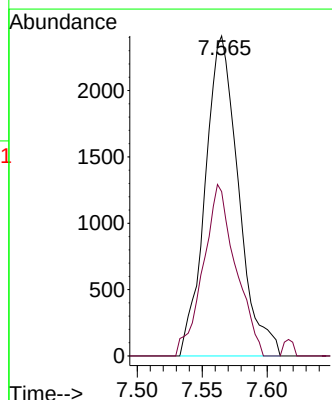
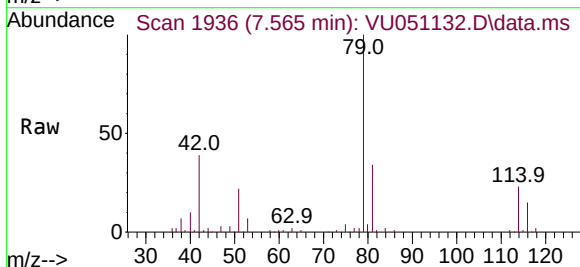
Acq: 05 Oct 2022 17:11

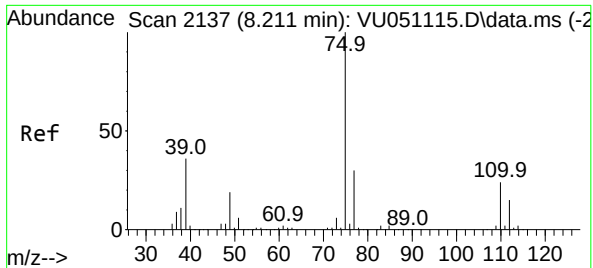
Tgt Ion: 75 Resp: 4295

Ion Ratio Lower Upper

75 100

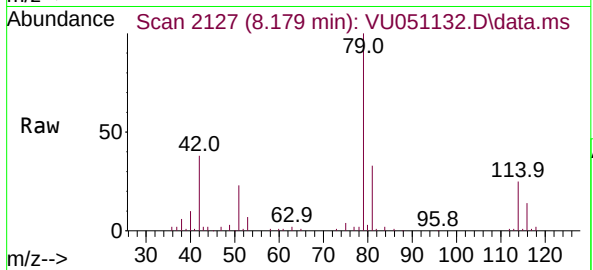
77 48.6 22.0 41.0#





#44  
 trans-1,3-Dichloropropene  
 Concen: 0.712 ug/L  
 RT: 8.179 min Scan# 21  
 Delta R.T. -0.032 min  
 Lab File: VU051132.D  
 Acq: 05 Oct 2022 17:11

Instrument :  
 MSVOA\_U  
 ClientSampleId :



Tgt Ion: 75 Resp: 2980  
 Ion Ratio Lower Upper  
 75 100  
 77 54.5 22.7 42.3#

