

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041122\  
 Data File : VU047918.D  
 Acq On : 11 Apr 2022 19:55  
 Operator : SY/MD  
 Sample : N2316-16  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

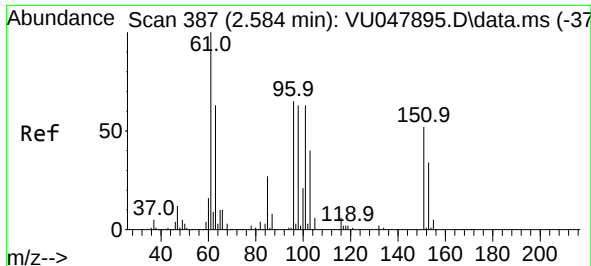
Quant Time: Apr 12 02:05:28 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM032422WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Apr 12 01:57:58 2022  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.250   | 114   | 384097   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417   | 117   | 402012   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812  | 152   | 205893   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.600   | 65    | 104268   | 37.435   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 74.860%  |
| 7) Chloroethane-d5            | 1.916   | 69    | 91712    | 41.759   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 83.520%  |
| 11) 1,1-Dichloroethene-d2     | 2.568   | 63    | 137788   | 27.038   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 54.080%# |
| 21) 2-Butanone-d5             | 4.626   | 46    | 194696   | 81.438   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 81.440%  |
| 24) Chloroform-d              | 5.067   | 84    | 209355   | 41.079   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 82.160%  |
| 26) 1,2-Dichloroethane-d4     | 5.703   | 65    | 135678   | 43.407   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 86.820%  |
| 32) Benzene-d6                | 5.729   | 84    | 412637   | 40.792   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 81.580%  |
| 36) 1,2-Dichloropropane-d6    | 6.694   | 67    | 134100   | 43.166   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 86.340%  |
| 41) Toluene-d8                | 7.899   | 98    | 359624   | 36.489   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 72.980%# |
| 43) trans-1,3-Dichloroprop... | 8.182   | 79    | 56055    | 35.616   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 71.240%  |
| 47) 2-Hexanone-d5             | 8.636   | 63    | 136322   | 74.959   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 74.960%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758  | 84    | 211617   | 39.692   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 79.380%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.195  | 152   | 159994   | 43.678   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 87.360%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.571   | 101   | 1330     | 0.470    | ug/L # | 18       |
| 12) 1,1-Dichloroethene        | 2.575   | 96    | 1403     | 0.533    | ug/L # | 1        |
| 39) cis-1,3-Dichloropropene   | 7.571   | 75    | 3387     | 0.738    | ug/L # | 82       |
| 60) 1,2,3-Trichloropropane    | 11.812  | 75    | 21359    | 5.503    | ug/L # | 66       |
| -----                         |         |       |          |          |        |          |

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

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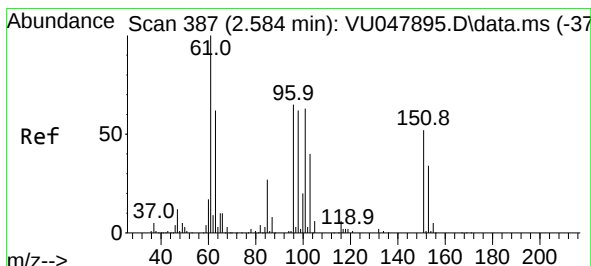
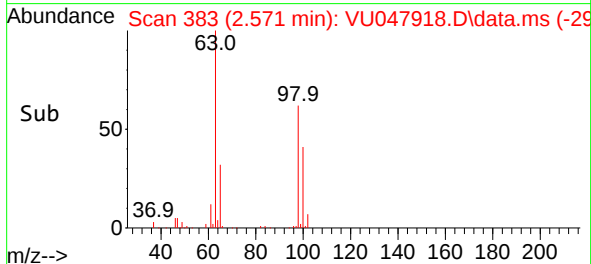
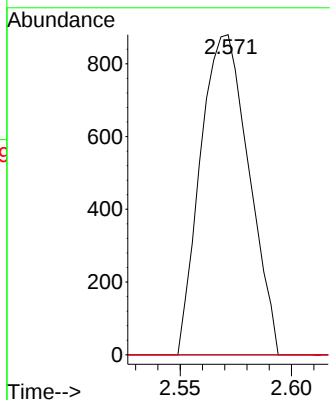
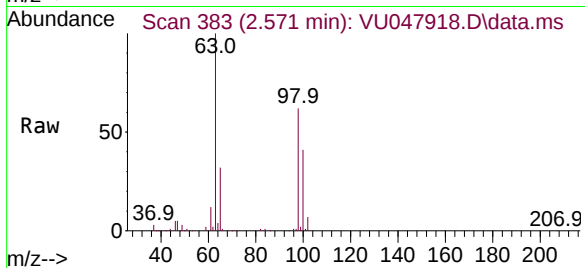




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 0.470 ug/L  
 RT: 2.571 min Scan# 383  
 Delta R.T. -0.013 min  
 Lab File: VU047918.D  
 Acq: 11 Apr 2022 19:55

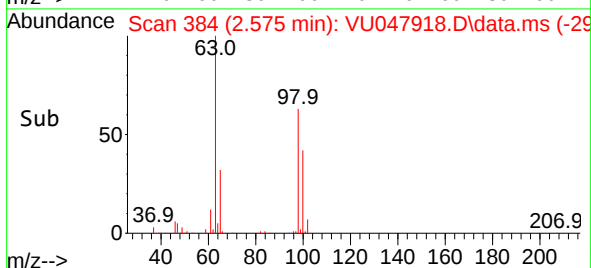
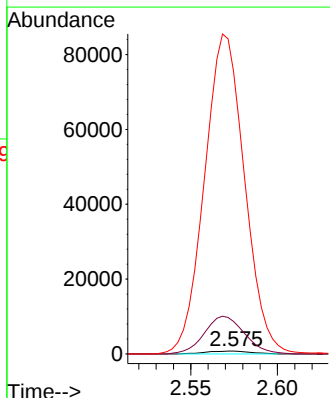
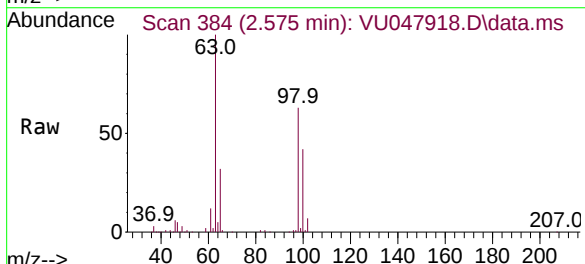
Instrument :  
 MSVOA\_U  
 ClientSampleId :

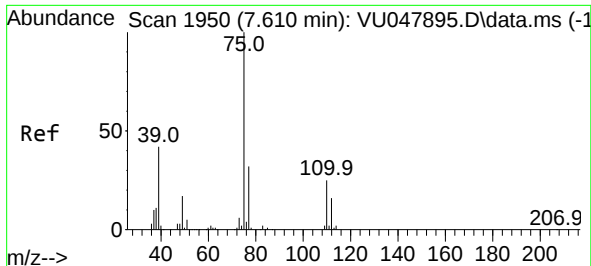
Tgt Ion:101 Resp: 1330  
 Ion Ratio Lower Upper  
 101 100  
 85 0.0 32.8 49.2#  
 151 0.0 63.0 94.6#



#12  
 1,1-Dichloroethene  
 Concen: 0.533 ug/L  
 RT: 2.575 min Scan# 384  
 Delta R.T. -0.010 min  
 Lab File: VU047918.D  
 Acq: 11 Apr 2022 19:55

Tgt Ion: 96 Resp: 1403  
 Ion Ratio Lower Upper  
 96 100  
 61 1115.3 113.1 210.1#  
 63 9687.3 94.8 176.0#





#39

cis-1,3-Dichloropropene

Concen: 0.738 ug/L

RT: 7.571 min Scan# 1950

Delta R.T. -0.039 min

Lab File: VU047918.D

Acq: 11 Apr 2022 19:55

Instrument :

MSVOA\_U

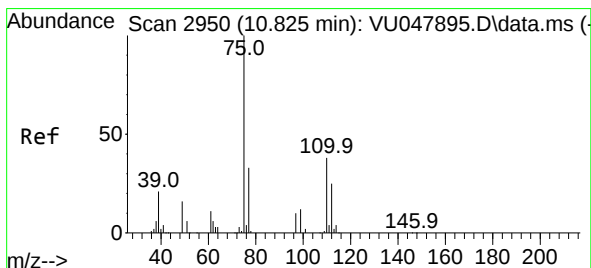
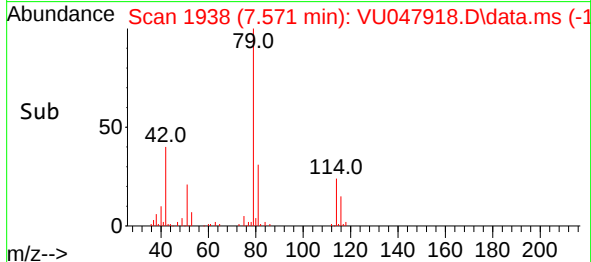
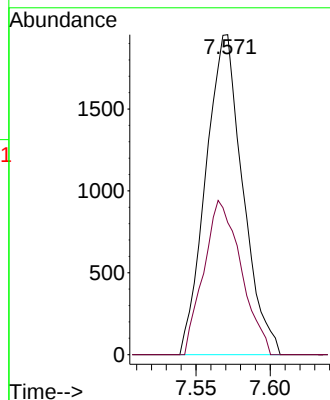
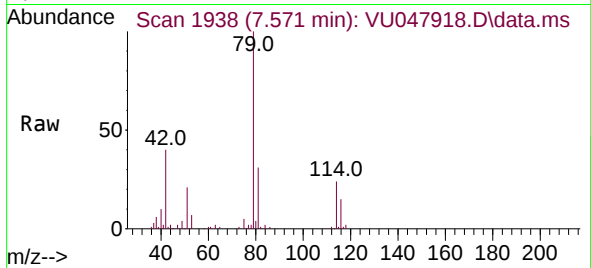
ClientSampleId :

Tgt Ion: 75 Resp: 3387

Ion Ratio Lower Upper

75 100

77 41.3 21.8 40.6#



#60

1,2,3-Trichloropropane

Concen: 5.503 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU047918.D

Acq: 11 Apr 2022 19:55

Tgt Ion: 75 Resp: 21359

Ion Ratio Lower Upper

75 100

77 30.6 26.0 39.0

110 3.0 31.4 47.2#

