

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041422\  
 Data File : VU048069.D  
 Acq On : 14 Apr 2022 19:27  
 Operator : SY/MD  
 Sample : N2387-03  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0J55

Quant Time: Apr 15 02:29:46 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM032422WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Apr 15 02:23:12 2022  
 Response via : Initial Calibration

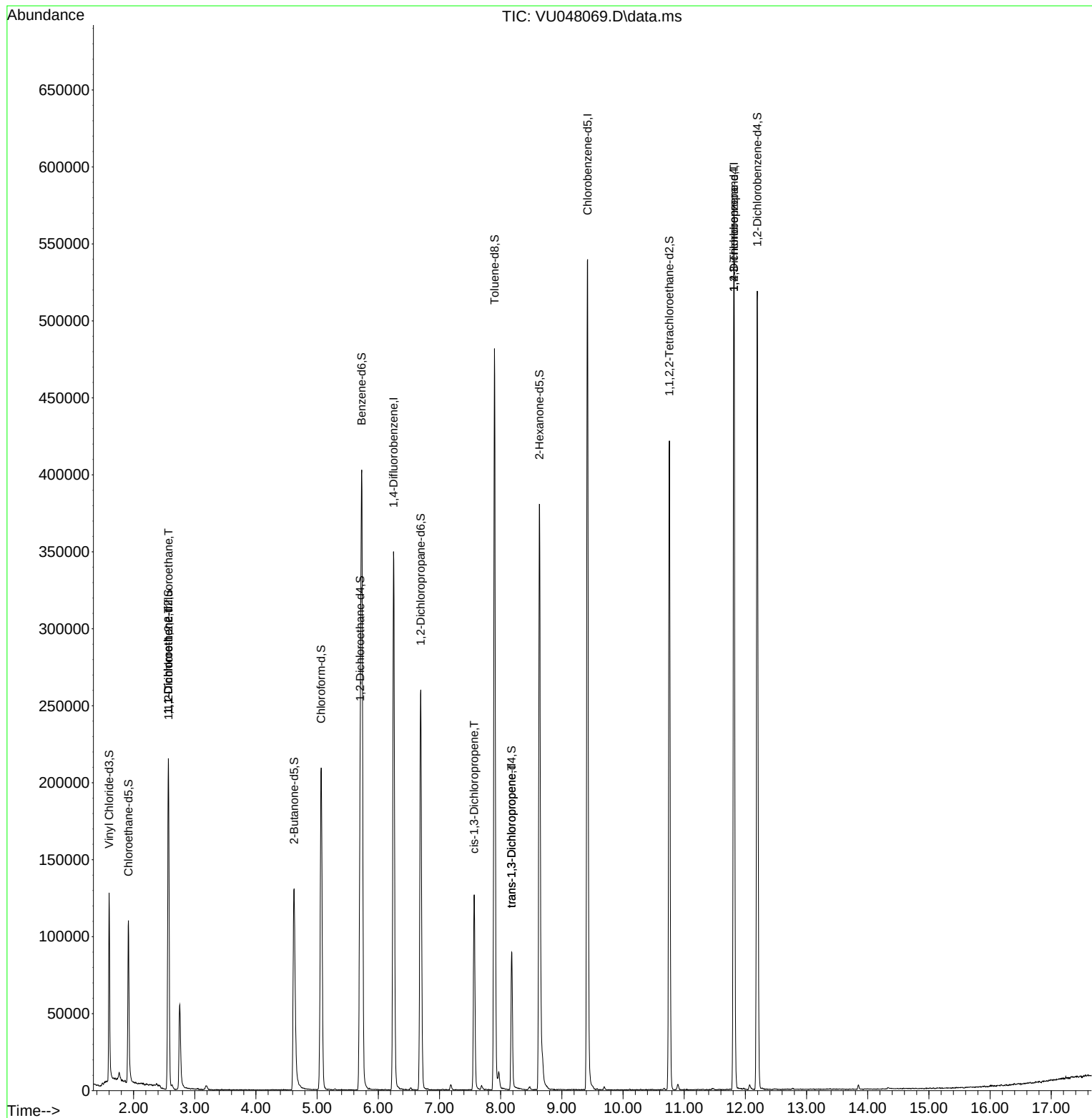
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.250   | 114   | 298074   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.420   | 117   | 320555   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812  | 152   | 163561   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.601   | 65    | 90593    | 41.912   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 83.820%  |
| 7) Chloroethane-d5            | 1.916   | 69    | 85245    | 50.016   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 100.040% |
| 11) 1,1-Dichloroethene-d2     | 2.568   | 63    | 122292   | 30.923   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 61.840%  |
| 21) 2-Butanone-d5             | 4.623   | 46    | 188567   | 101.638  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 101.640% |
| 24) Chloroform-d              | 5.067   | 84    | 199430   | 50.424   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 100.840% |
| 26) 1,2-Dichloroethane-d4     | 5.703   | 65    | 127676   | 52.635   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 105.260% |
| 32) Benzene-d6                | 5.729   | 84    | 382640   | 47.438   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 94.880%  |
| 36) 1,2-Dichloropropane-d6    | 6.694   | 67    | 128143   | 51.730   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 103.460% |
| 41) Toluene-d8                | 7.899   | 98    | 330418   | 42.045   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 84.080%  |
| 43) trans-1,3-Dichloroprop... | 8.179   | 79    | 51877    | 41.337   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 82.680%  |
| 47) 2-Hexanone-d5             | 8.632   | 63    | 134347   | 92.645   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 92.640%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758  | 84    | 208816   | 49.119   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 98.240%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.195  | 152   | 148678   | 51.094   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 102.180% |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.572   | 101   | 1237     | 0.563    | ug/L # | 18       |
| 12) 1,1-Dichloroethene        | 2.568   | 96    | 1038     | 0.508    | ug/L # | 1        |
| 39) cis-1,3-Dichloropropene   | 7.565   | 75    | 2942     | 0.804    | ug/L # | 65       |
| 44) trans-1,3-Dichloropropene | 8.179   | 75    | 2312     | 0.633    | ug/L # | 78       |
| 60) 1,2,3-Trichloropropane    | 11.812  | 75    | 16973    | 5.505    | ug/L # | 65       |
| -----                         |         |       |          |          |        |          |

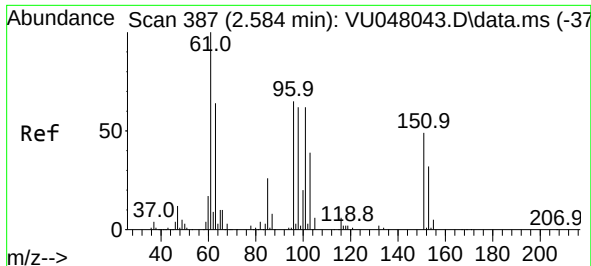
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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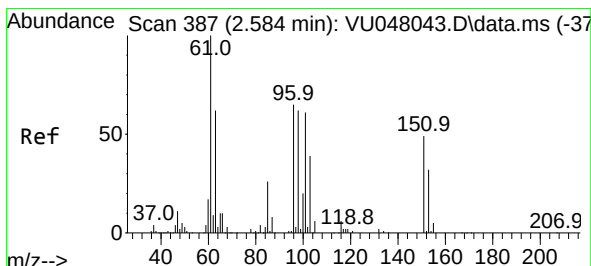
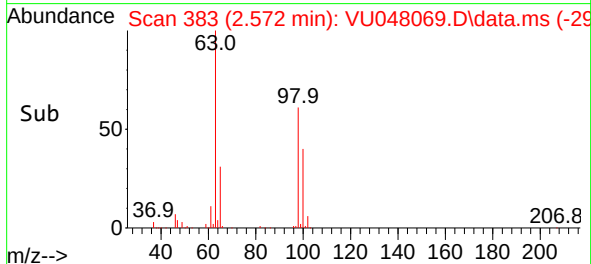
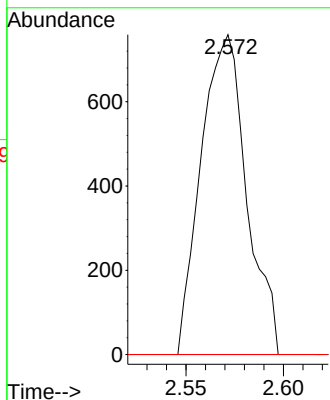
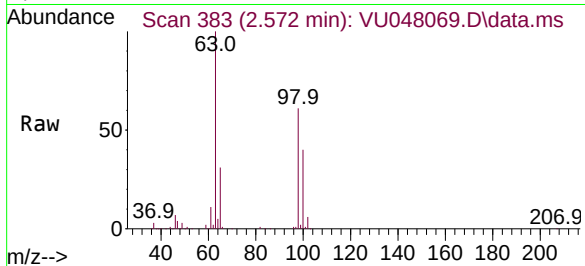




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 0.563 ug/L  
 RT: 2.572 min Scan# 383  
 Delta R.T. -0.013 min  
 Lab File: VU048069.D  
 Acq: 14 Apr 2022 19:27

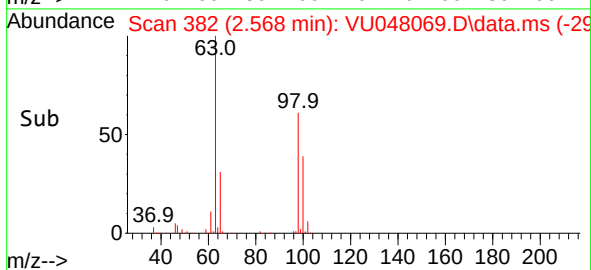
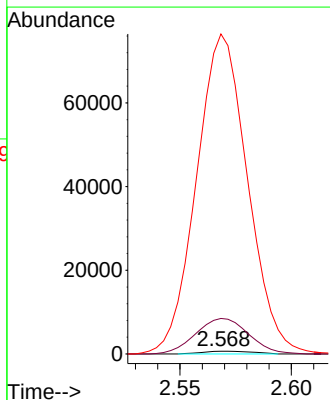
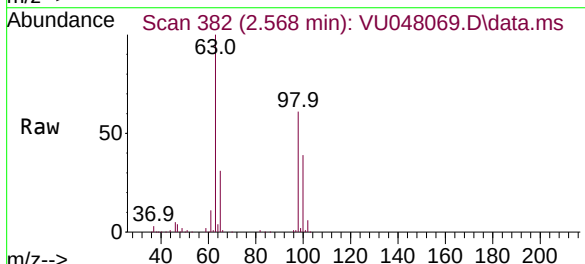
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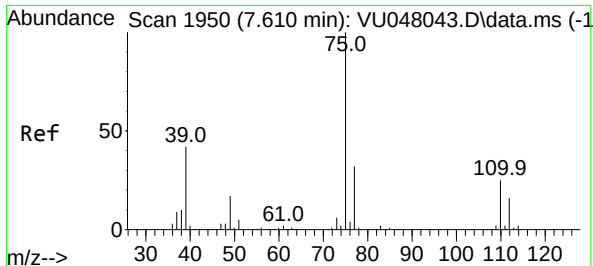
Tgt Ion:101 Resp: 1237  
 Ion Ratio Lower Upper  
 101 100  
 85 0.0 32.8 49.2#  
 151 0.0 63.0 94.6#



#12  
 1,1-Dichloroethene  
 Concen: 0.508 ug/L  
 RT: 2.568 min Scan# 382  
 Delta R.T. -0.016 min  
 Lab File: VU048069.D  
 Acq: 14 Apr 2022 19:27

Tgt Ion: 96 Resp: 1038  
 Ion Ratio Lower Upper  
 96 100  
 61 1283.1 113.1 210.1#  
 63 11552.9 94.8 176.0#





#39

cis-1,3-Dichloropropene

Concen: 0.804 ug/L

RT: 7.565 min Scan# 1950

Delta R.T. -0.045 min

Lab File: VU048069.D

Acq: 14 Apr 2022 19:27

Instrument :

MSVOA\_U

ClientSampleId :

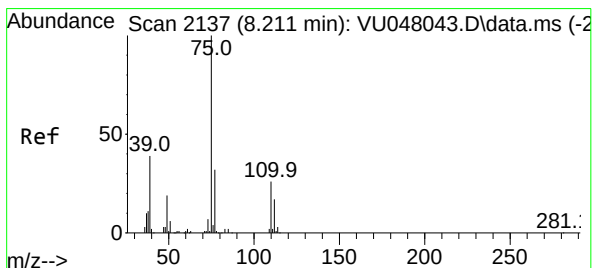
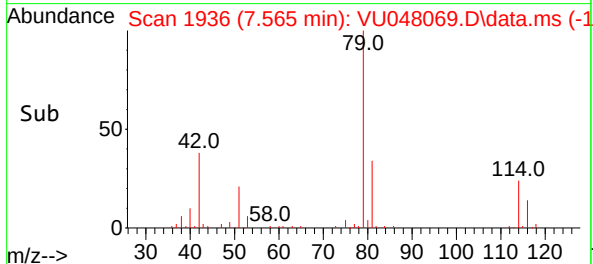
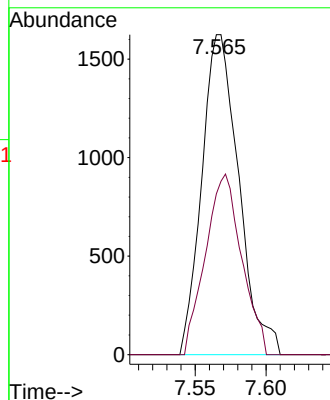
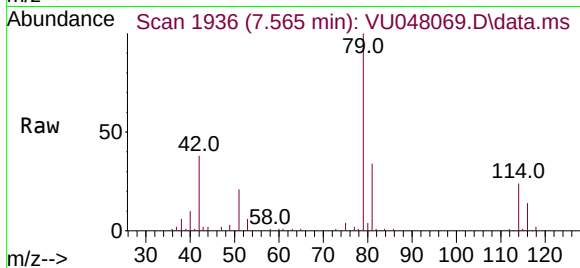
C0J55

Tgt Ion: 75 Resp: 2942

Ion Ratio Lower Upper

75 100

77 50.2 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.633 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.032 min

Lab File: VU048069.D

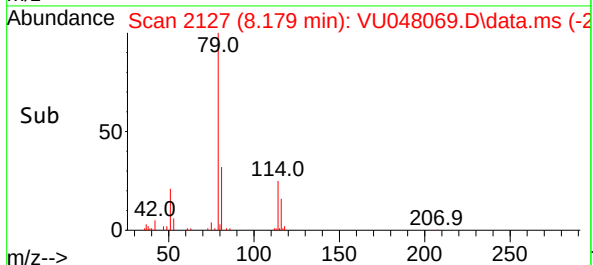
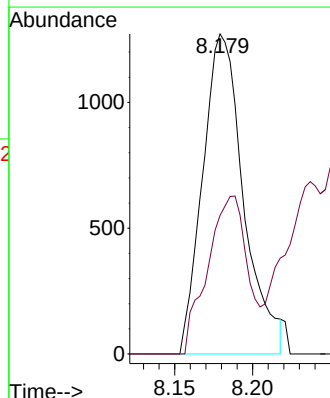
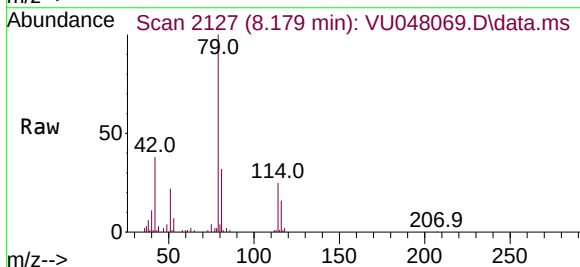
Acq: 14 Apr 2022 19:27

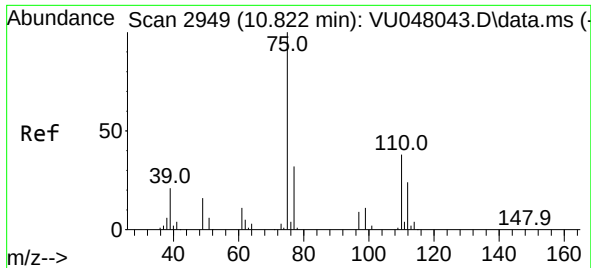
Tgt Ion: 75 Resp: 2312

Ion Ratio Lower Upper

75 100

77 43.3 22.0 40.8#





#60  
 1,2,3-Trichloropropane  
 Concen: 5.505 ug/L  
 RT: 11.812 min Scan# 31  
 Delta R.T. 0.990 min  
 Lab File: VU048069.D  
 Acq: 14 Apr 2022 19:27

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0J55

Tgt Ion: 75 Resp: 16973  
 Ion Ratio Lower Upper  
 75 100  
 77 30.4 26.0 39.0  
 110 1.9 31.4 47.2#

