

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU090122\  
 Data File : VU050577.D  
 Acq On : 01 Sep 2022 13:46  
 Operator : SY/MD  
 Sample : VU0901WBL01  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

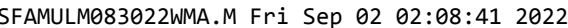
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK177

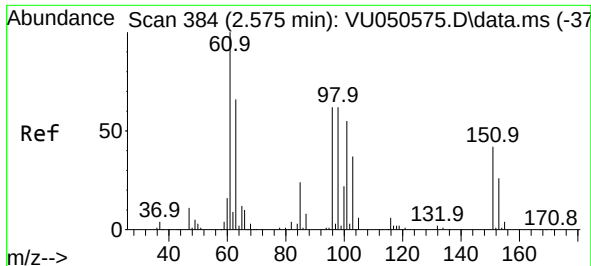
Quant Time: Sep 02 02:08:34 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM083022WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Sep 02 02:07:32 2022  
 Response via : Initial Calibration

| Compound                      | R.T. QIon |       | Response | Conc       | Units  | Dev(Min) |
|-------------------------------|-----------|-------|----------|------------|--------|----------|
| -----                         |           |       |          |            |        |          |
| Internal Standards            |           |       |          |            |        |          |
| 1) 1,4-Difluorobenzene        | 6.250     | 114   | 301645   | 50.000     | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417     | 117   | 288953   | 50.000     | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812    | 152   | 111166   | 50.000     | ug/L   | 0.00     |
|                               |           |       |          |            |        |          |
| System Monitoring Compounds   |           |       |          |            |        |          |
| 4) Vinyl Chloride-d3          | 1.597     | 65    | 145344   | 62.824     | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60  | - 135 | Recovery | = 125.640% |        |          |
| 7) Chloroethane-d5            | 1.906     | 69    | 99499    | 55.163     | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70  | - 130 | Recovery | = 110.320% |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.562     | 63    | 173684   | 44.465     | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60  | - 125 | Recovery | = 88.920%  |        |          |
| 21) 2-Butanone-d5             | 4.629     | 46    | 183422   | 90.654     | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40  | - 130 | Recovery | = 90.650%  |        |          |
| 24) Chloroform-d              | 5.063     | 84    | 249777   | 55.486     | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70  | - 125 | Recovery | = 110.980% |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.700     | 65    | 161150   | 55.112     | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70  | - 125 | Recovery | = 110.220% |        |          |
| 32) Benzene-d6                | 5.726     | 84    | 508544   | 56.783     | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70  | - 125 | Recovery | = 113.560% |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.690     | 67    | 165084   | 55.360     | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70  | - 120 | Recovery | = 110.720% |        |          |
| 41) Toluene-d8                | 7.896     | 98    | 424427   | 54.474     | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80  | - 120 | Recovery | = 108.940% |        |          |
| 43) trans-1,3-Dichloroprop... | 8.179     | 79    | 66095    | 55.112     | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60  | - 125 | Recovery | = 110.220% |        |          |
| 47) 2-Hexanone-d5             | 8.636     | 63    | 74079    | 68.611     | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45  | - 130 | Recovery | = 68.610%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.754    | 84    | 227911   | 49.000     | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65  | - 120 | Recovery | = 98.000%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.192    | 152   | 139346   | 57.896     | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80  | - 120 | Recovery | = 115.800% |        |          |
|                               |           |       |          |            |        |          |
| Target Compounds              |           |       |          |            |        | Qvalue   |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.562     | 101   | 1403     | 0.705      | ug/L # | 20       |
| 12) 1,1-Dichloroethene        | 2.565     | 96    | 1423     | 0.685      | ug/L # | 1        |
| 44) trans-1,3-Dichloropropene | 8.182     | 75    | 2941     | 0.853      | ug/L # | 81       |
| 48) 2-Hexanone                | 8.684     | 43    | 44623    | 12.547     | ug/L # | 93       |
| 60) 1,2,3-Trichloropropane    | 11.812    | 75    | 13209    | 3.958      | ug/L # | 66       |
| -----                         |           |       |          |            |        |          |

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

Quant Time: Sep 02 02:08:34 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM083022WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Sep 02 02:07:32 2022  
Response via : Initial Calibration





#10

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

Concen: 0.705 ug/L

RT: 2.562 min Scan# 380

Delta R.T. -0.013 min

Lab File: VU050577.D

Acq: 01 Sep 2022 13:46

Instrument :

MSVOA\_U

ClientSampleId :

VBLK177

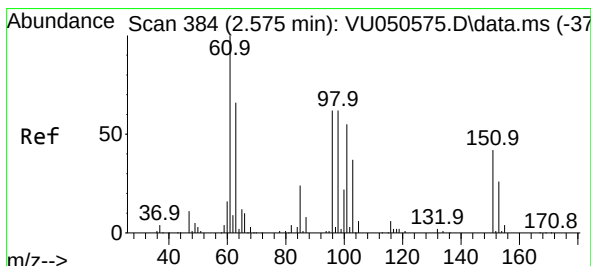
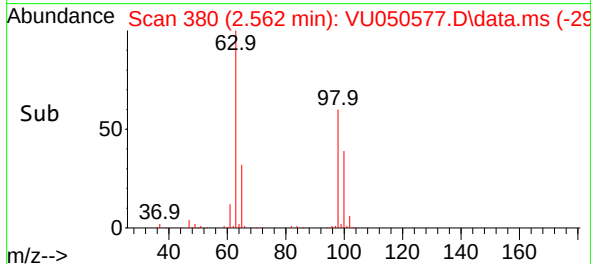
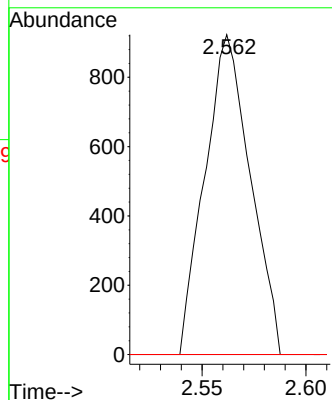
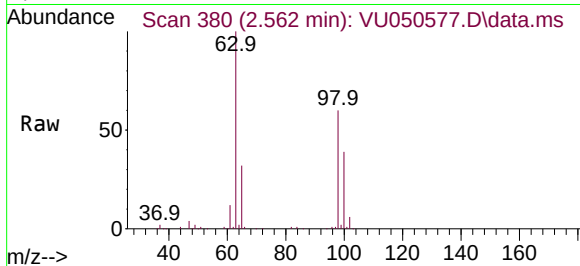
Tgt Ion:101 Resp: 1403

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

151 0.0 58.2 87.2#



#12

1,1-Dichloroethene

Concen: 0.685 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.010 min

Lab File: VU050577.D

Acq: 01 Sep 2022 13:46

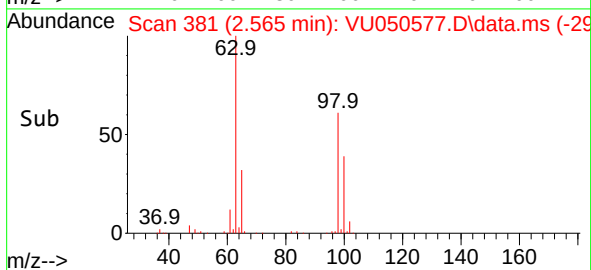
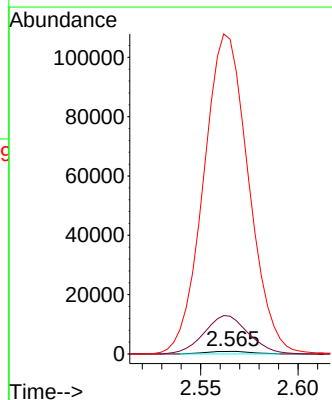
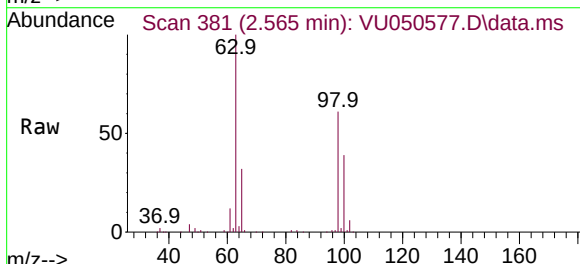
Tgt Ion: 96 Resp: 1423

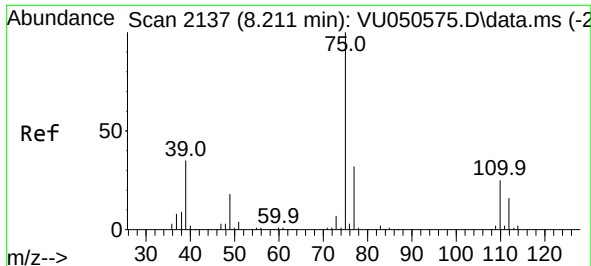
Ion Ratio Lower Upper

96 100

61 1462.5 113.5 210.9#

63 12198.6 78.0 144.9#

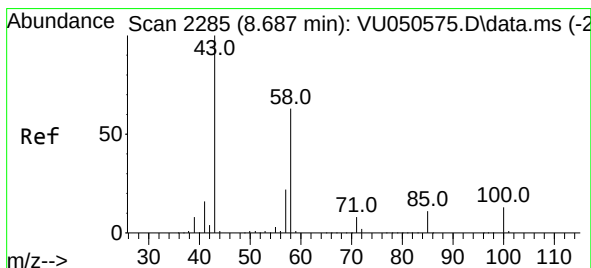
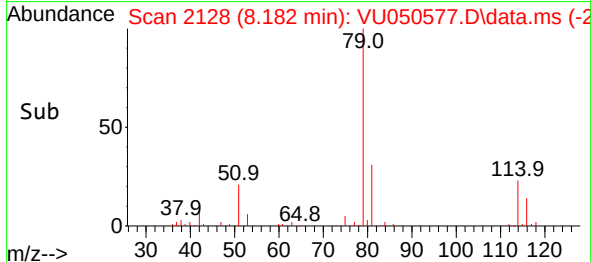
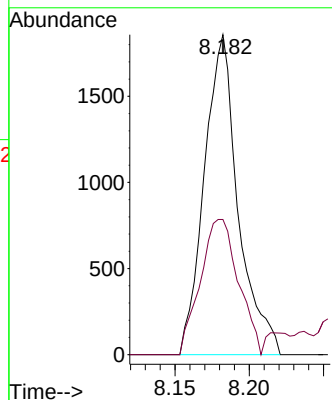
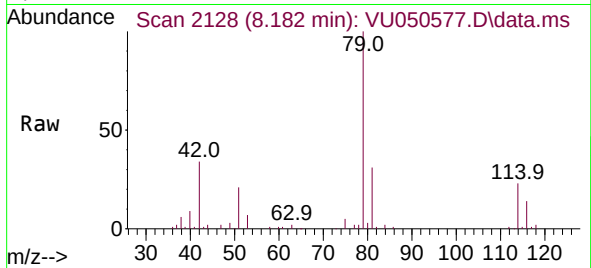




#44  
trans-1,3-Dichloropropene  
Concen: 0.853 ug/L  
RT: 8.182 min Scan# 2137  
Delta R.T. -0.029 min  
Lab File: VU050577.D  
Acq: 01 Sep 2022 13:46

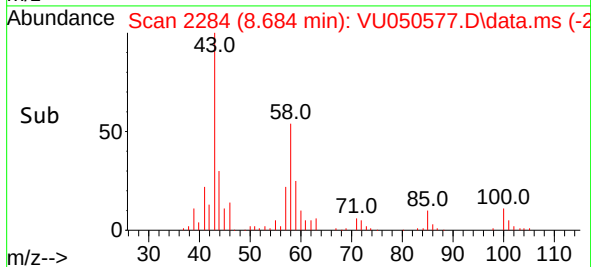
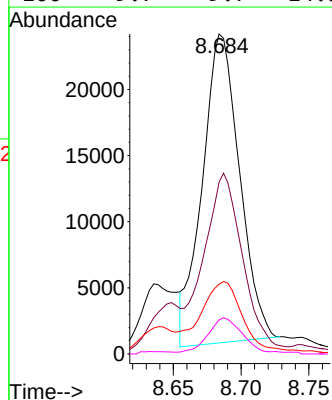
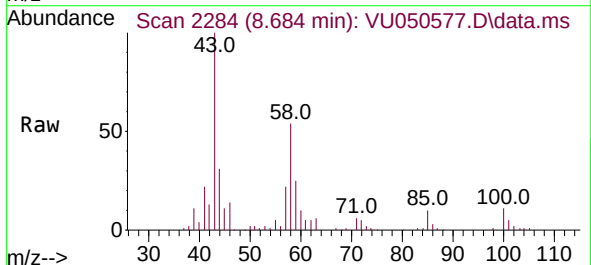
Instrument :  
MSVOA\_U  
ClientSampleId :  
VBLK177

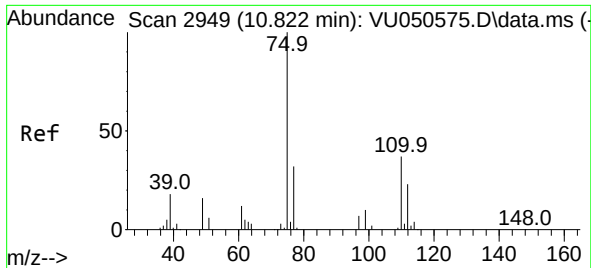
Tgt Ion: 75 Resp: 2941  
Ion Ratio Lower Upper  
75 100  
77 42.2 22.2 41.2#



#48  
2-Hexanone  
Concen: 12.547 ug/L  
RT: 8.684 min Scan# 2284  
Delta R.T. -0.003 min  
Lab File: VU050577.D  
Acq: 01 Sep 2022 13:46

Tgt Ion: 43 Resp: 44623  
Ion Ratio Lower Upper  
43 100  
58 61.6 46.6 69.8  
57 25.5 15.8 23.6#  
100 9.7 9.7 14.5





#60  
 1,2,3-Trichloropropane  
 Concen: 3.958 ug/L  
 RT: 11.812 min Scan# 31  
 Delta R.T. 0.990 min  
 Lab File: VU050577.D  
 Acq: 01 Sep 2022 13:46

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK177

|             |       |            |
|-------------|-------|------------|
| Tgt Ion: 75 | Resp: | 13209      |
| Ion Ratio   | Lower | Upper      |
| 75          | 100   |            |
| 77          | 35.9  | 26.2 39.4  |
| 110         | 1.6   | 29.0 43.6# |

