

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU093022\  
 Data File : VU051027.D  
 Acq On : 30 Sep 2022 12:42  
 Operator : JC/MD  
 Sample : VU0930MBL01  
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Oct 01 01:25:19 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM092922WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Oct 01 01:23:58 2022  
 Response via : Initial Calibration

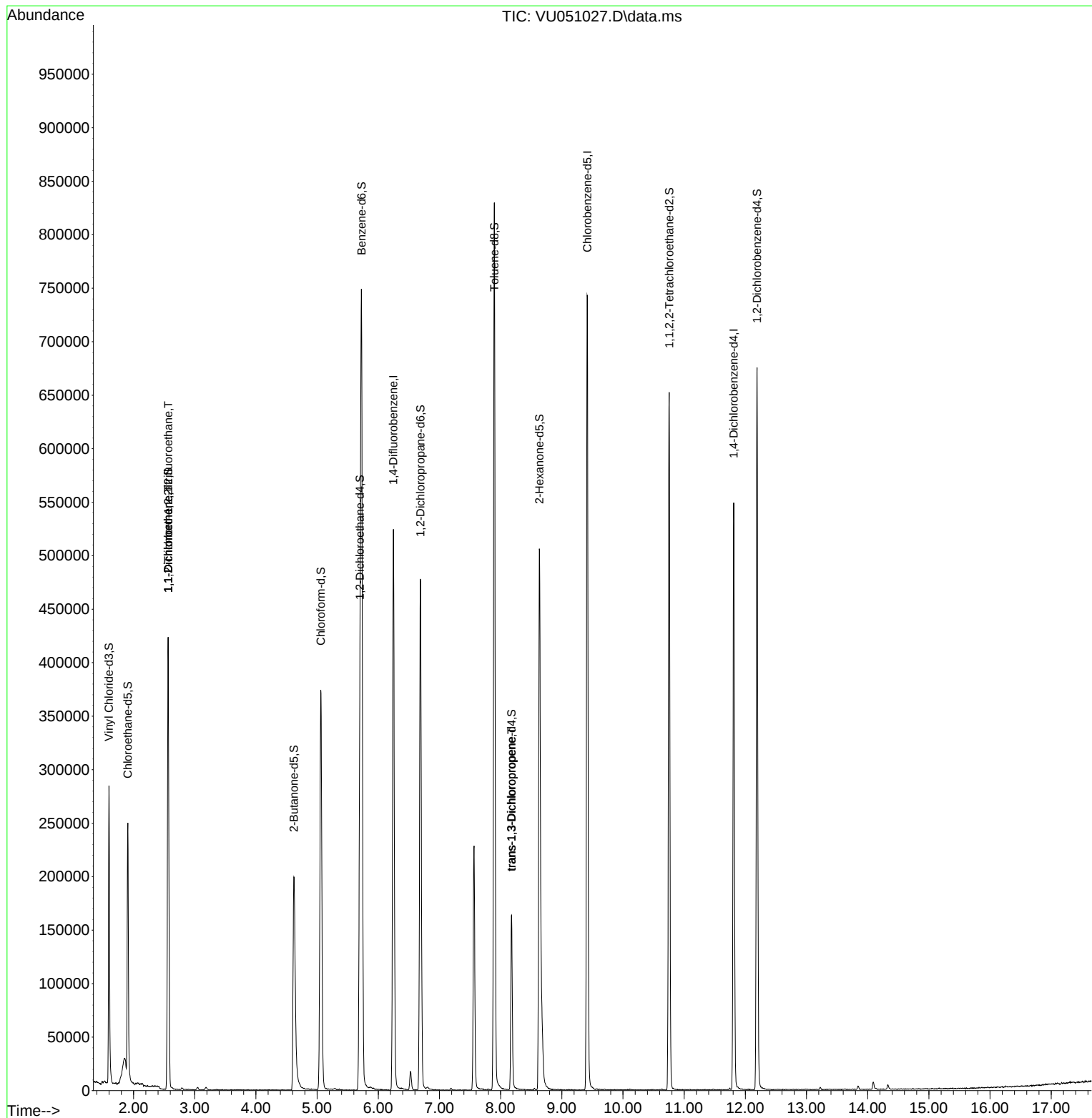
| Compound                      | R.T. QIon      |     | Response | Conc       | Units  | Dev(Min) |
|-------------------------------|----------------|-----|----------|------------|--------|----------|
| -----                         |                |     |          |            |        |          |
| Internal Standards            |                |     |          |            |        |          |
| 1) 1,4-Difluorobenzene        | 6.247          | 114 | 412117   | 50.000     | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417          | 117 | 409229   | 50.000     | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809         | 152 | 140461   | 50.000     | ug/L   | 0.00     |
| System Monitoring Compounds   |                |     |          |            |        |          |
| 4) Vinyl Chloride-d3          | 1.598          | 65  | 210483   | 50.396     | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |     | Recovery | = 100.800% |        |          |
| 7) Chloroethane-d5            | 1.906          | 69  | 177781   | 45.823     | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |     | Recovery | = 91.640%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.565          | 63  | 249412   | 40.427     | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |     | Recovery | = 80.860%  |        |          |
| 21) 2-Butanone-d5             | 4.620          | 46  | 295440   | 109.064    | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |     | Recovery | = 109.060% |        |          |
| 24) Chloroform-d              | 5.060          | 84  | 348050   | 51.724     | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |     | Recovery | = 103.440% |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.700          | 65  | 225733   | 54.197     | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |     | Recovery | = 108.400% |        |          |
| 32) Benzene-d6                | 5.726          | 84  | 693314   | 57.854     | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |     | Recovery | = 115.700% |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.691          | 67  | 232754   | 59.855     | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |     | Recovery | = 119.720% |        |          |
| 41) Toluene-d8                | 7.896          | 98  | 556178   | 50.233     | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |     | Recovery | = 100.460% |        |          |
| 43) trans-1,3-Dichloroprop... | 8.179          | 79  | 92211    | 49.716     | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |     | Recovery | = 99.440%  |        |          |
| 47) 2-Hexanone-d5             | 8.633          | 63  | 147793   | 94.126     | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |     | Recovery | = 94.130%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.755         | 84  | 331780   | 48.819     | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |     | Recovery | = 97.640%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.192         | 152 | 173033   | 57.665     | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |     | Recovery | = 115.340% |        |          |
| Target Compounds              |                |     |          |            |        |          |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.565          | 101 | 2344     | 0.745      | ug/L # | 20       |
| 12) 1,1-Dichloroethene        | 2.565          | 96  | 1980     | 0.674      | ug/L # | 1        |
| 44) trans-1,3-Dichloropropene | 8.176          | 75  | 4174     | 0.868      | ug/L   | 96       |
| -----                         |                |     |          |            |        |          |

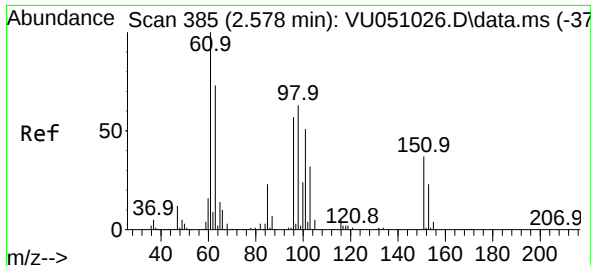
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 4 Sample Multiplier: 1

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ClientSampleId :

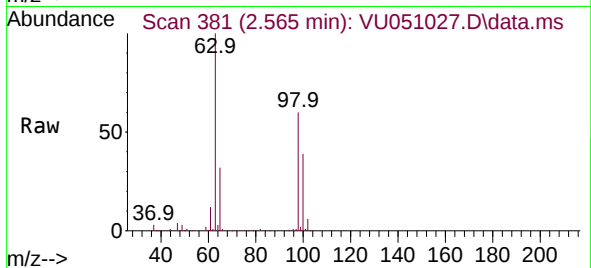
Quant Time: Oct 01 01:25:19 2022  
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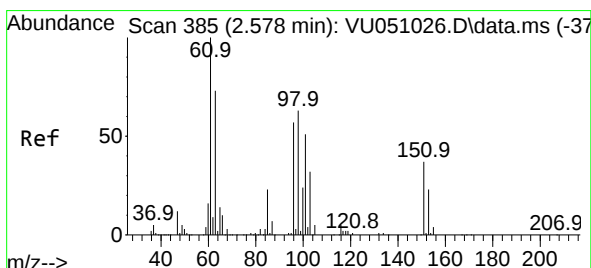
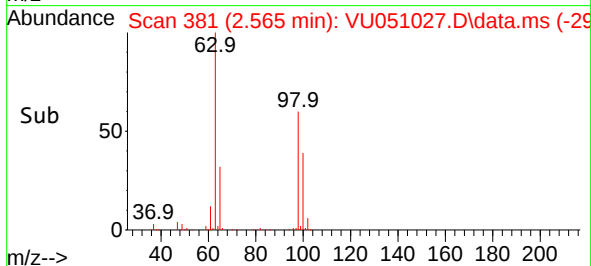
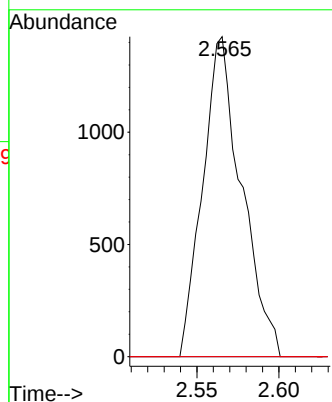


#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 0.745 ug/L  
 RT: 2.565 min Scan# 381  
 Delta R.T. -0.013 min  
 Lab File: VU051027.D  
 Acq: 30 Sep 2022 12:42

Instrument :  
 MSVOA\_U  
 ClientSampleId :

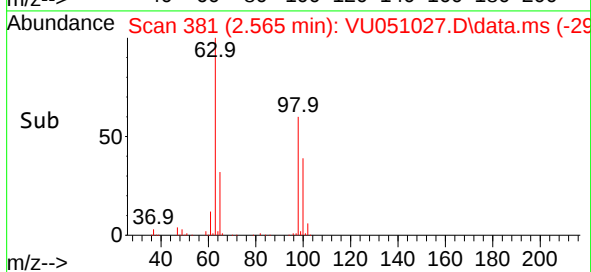
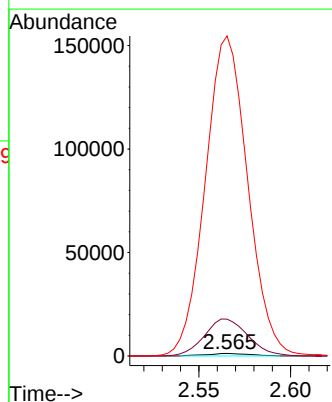
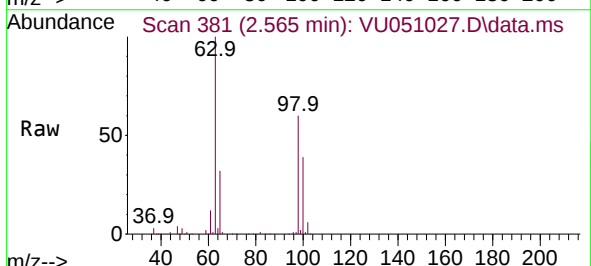


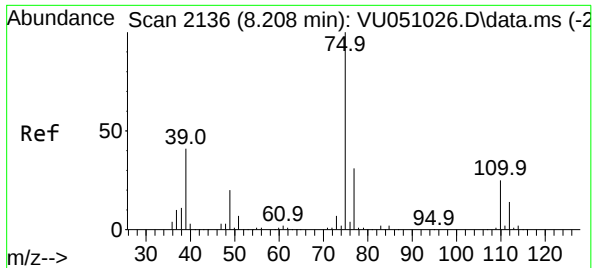
Tgt Ion: 101 Resp: 2344  
 Ion Ratio Lower Upper  
 101 100  
 85 0.0 34.6 52.0#  
 151 0.0 58.6 87.8#



#12  
 1,1-Dichloroethene  
 Concen: 0.674 ug/L  
 RT: 2.565 min Scan# 381  
 Delta R.T. -0.013 min  
 Lab File: VU051027.D  
 Acq: 30 Sep 2022 12:42

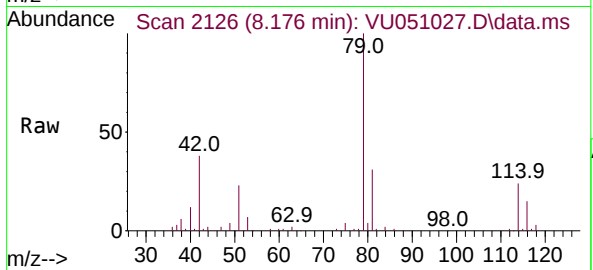
Tgt Ion: 96 Resp: 1980  
 Ion Ratio Lower Upper  
 96 100  
 61 1444.2 113.0 209.9#  
 63 12550.6 91.7 170.3#





#44  
 trans-1,3-Dichloropropene  
 Concen: 0.868 ug/L  
 RT: 8.176 min Scan# 21  
 Delta R.T. -0.032 min  
 Lab File: VU051027.D  
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Instrument :  
 MSVOA\_U  
 ClientSampleId :



Tgt Ion: 75 Resp: 4174  
 Ion Ratio Lower Upper  
 75 100  
 77 34.9 22.7 42.3

