

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU082922\  
 Data File : VU050500.D  
 Acq On : 29 Aug 2022 21:54  
 Operator : SY/MD  
 Sample : VU0829MBL01  
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Aug 30 05:30:27 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM082422WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Aug 30 05:29:53 2022  
 Response via : Initial Calibration

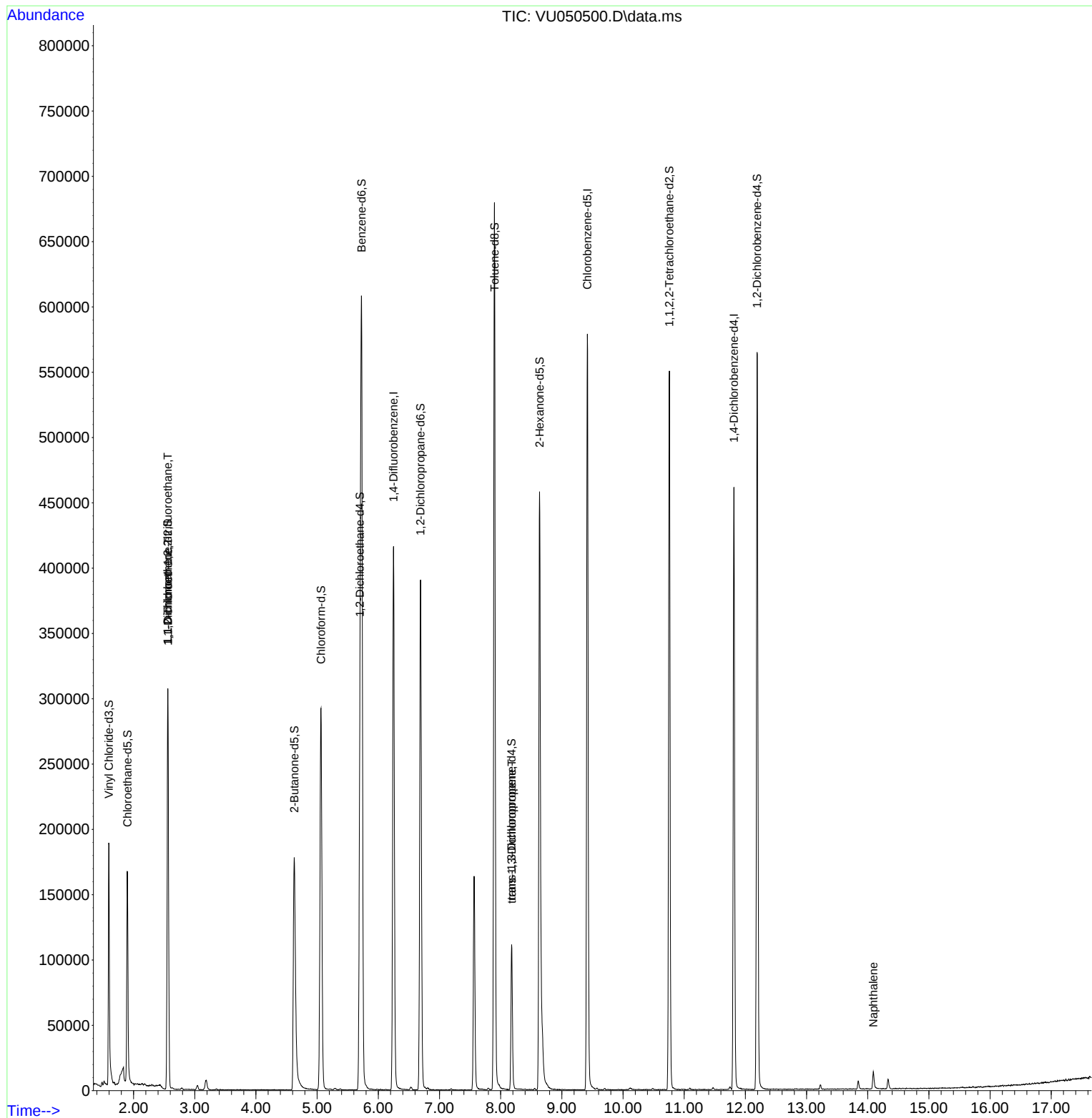
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.250   | 114   | 338705   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417   | 117   | 327187   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812  | 152   | 122841   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.594   | 65    | 151829   | 37.910   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 75.820%  |
| 7) Chloroethane-d5            | 1.900   | 69    | 130267   | 43.958   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 87.920%  |
| 11) 1,1-Dichloroethene-d2     | 2.559   | 63    | 184386   | 32.578   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 65.160%  |
| 21) 2-Butanone-d5             | 4.626   | 46    | 265856   | 101.417  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 101.420% |
| 24) Chloroform-d              | 5.064   | 84    | 276242   | 42.968   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 85.940%  |
| 26) 1,2-Dichloroethane-d4     | 5.700   | 65    | 182715   | 45.729   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 91.460%  |
| 32) Benzene-d6                | 5.726   | 84    | 567643   | 46.954   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 93.900%  |
| 36) 1,2-Dichloropropane-d6    | 6.690   | 67    | 192805   | 48.141   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 96.280%  |
| 41) Toluene-d8                | 7.899   | 98    | 456551   | 43.158   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 86.320%  |
| 43) trans-1,3-Dichloroprop... | 8.179   | 79    | 61920    | 37.064   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 74.120%  |
| 47) 2-Hexanone-d5             | 8.636   | 63    | 145403   | 97.831   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 97.830%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758  | 84    | 277610   | 44.941   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 89.880%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.192  | 152   | 151749   | 51.714   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 103.420% |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.559   | 101   | 1854     | 0.789    | ug/L # | 24       |
| 12) 1,1-Dichloroethene        | 2.562   | 96    | 1547     | 0.745    | ug/L # | 1        |
| 44) trans-1,3-Dichloropropene | 8.182   | 75    | 2615     | 0.742    | ug/L # | 82       |
| 71) Naphthalene               | 14.092  | 128   | 13378    | 1.989    | ug/L # | 95       |
| -----                         |         |       |          |          |        |          |

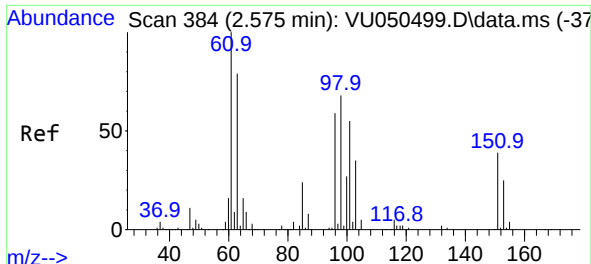
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_U  
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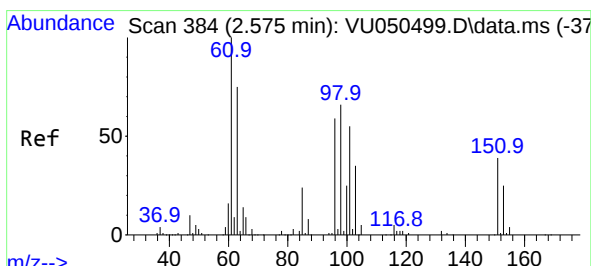
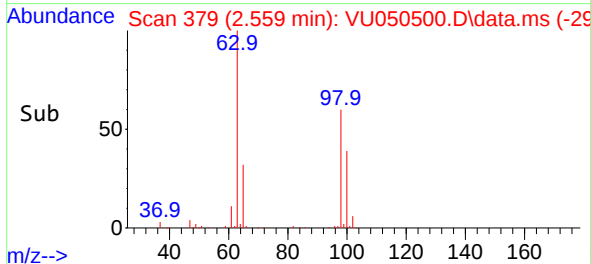
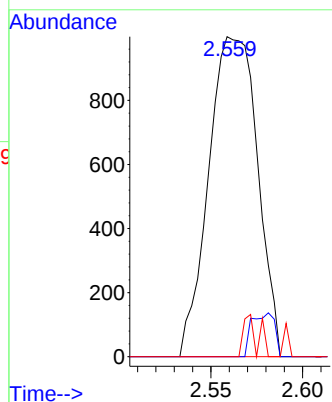
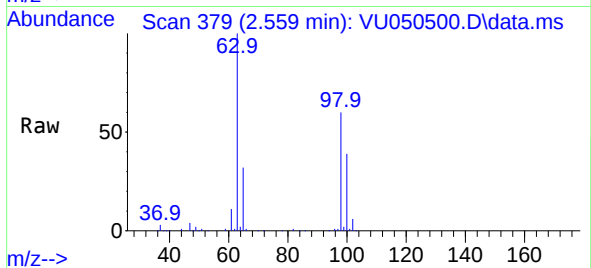




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.789 ug/L  
RT: 2.559 min Scan# 31  
Delta R.T. -0.016 min  
Lab File: VU050500.D  
Acq: 29 Aug 2022 21:54

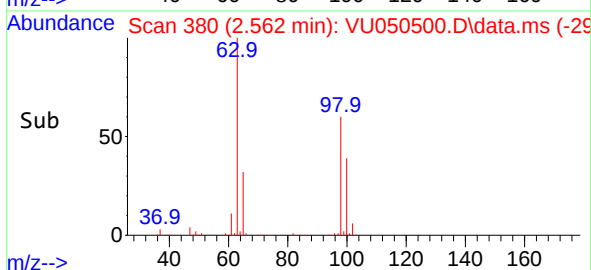
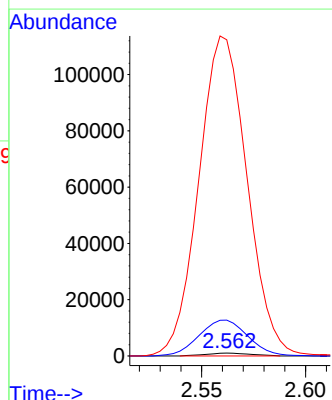
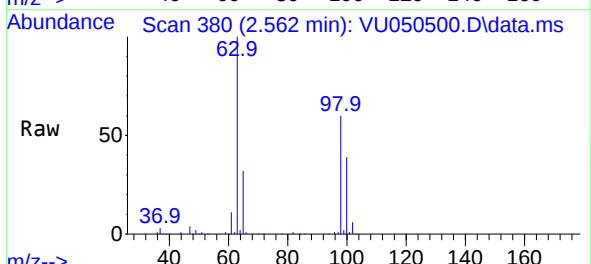
Instrument :  
MSVOA\_U  
ClientSampleId :

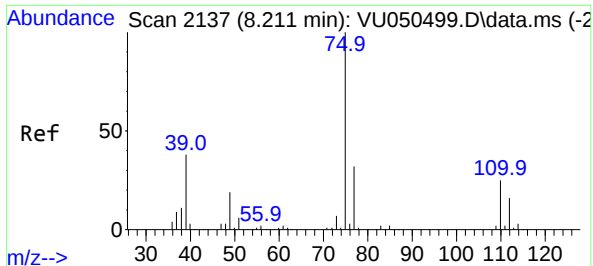
Tgt Ion:101 Resp: 1854  
Ion Ratio Lower Upper  
101 100  
85 2.5 35.3 52.9#  
151 2.6 57.3 85.9#



#12  
1,1-Dichloroethene  
Concen: 0.745 ug/L  
RT: 2.562 min Scan# 380  
Delta R.T. -0.013 min  
Lab File: VU050500.D  
Acq: 29 Aug 2022 21:54

Tgt Ion: 96 Resp: 1547  
Ion Ratio Lower Upper  
96 100  
61 1250.9 116.8 216.8#  
63 11026.5 97.4 180.8#

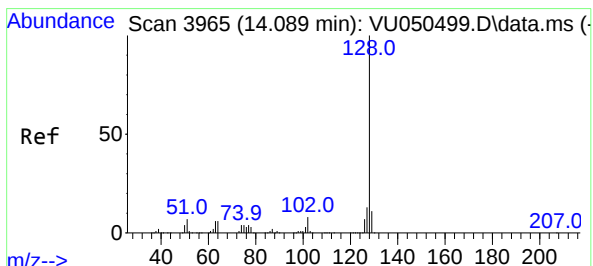
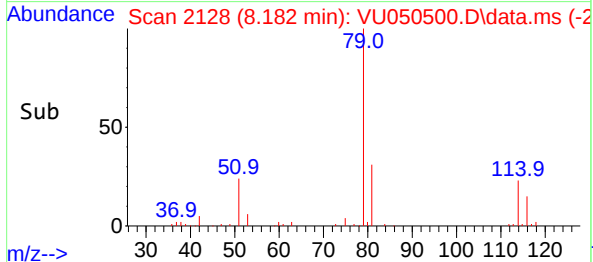
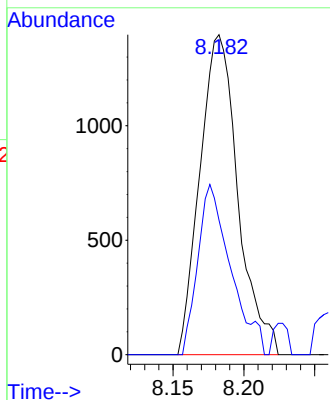
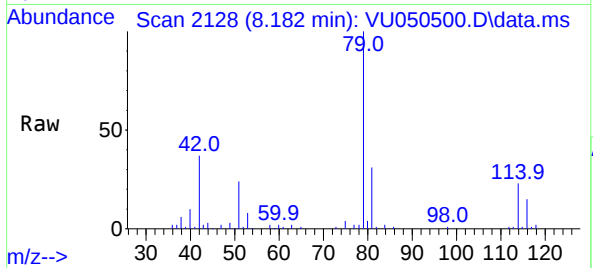




#44  
trans-1,3-Dichloropropene  
Concen: 0.742 ug/L  
RT: 8.182 min Scan# 2137  
Delta R.T. -0.029 min  
Lab File: VU050500.D  
Acq: 29 Aug 2022 21:54

Instrument :  
MSVOA\_U  
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Tgt Ion: 75 Resp: 2615  
Ion Ratio Lower Upper  
75 100  
77 42.1 22.5 41.7#



#71  
Naphthalene  
Concen: 1.989 ug/L  
RT: 14.092 min Scan# 3966  
Delta R.T. 0.003 min  
Lab File: VU050500.D  
Acq: 29 Aug 2022 21:54

Tgt Ion: 128 Resp: 13378  
Ion Ratio Lower Upper  
128 100  
127 10.1 10.5 15.7#  
129 10.6 8.8 13.2

