

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041123\  
 Data File : VU053644.D  
 Acq On : 11 Apr 2023 18:45  
 Operator : JC/MD  
 Sample : 02252-04 200X  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 COMEO

Quant Time: Apr 12 02:26:55 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM033123WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Apr 12 02:22:37 2023  
 Response via : Initial Calibration

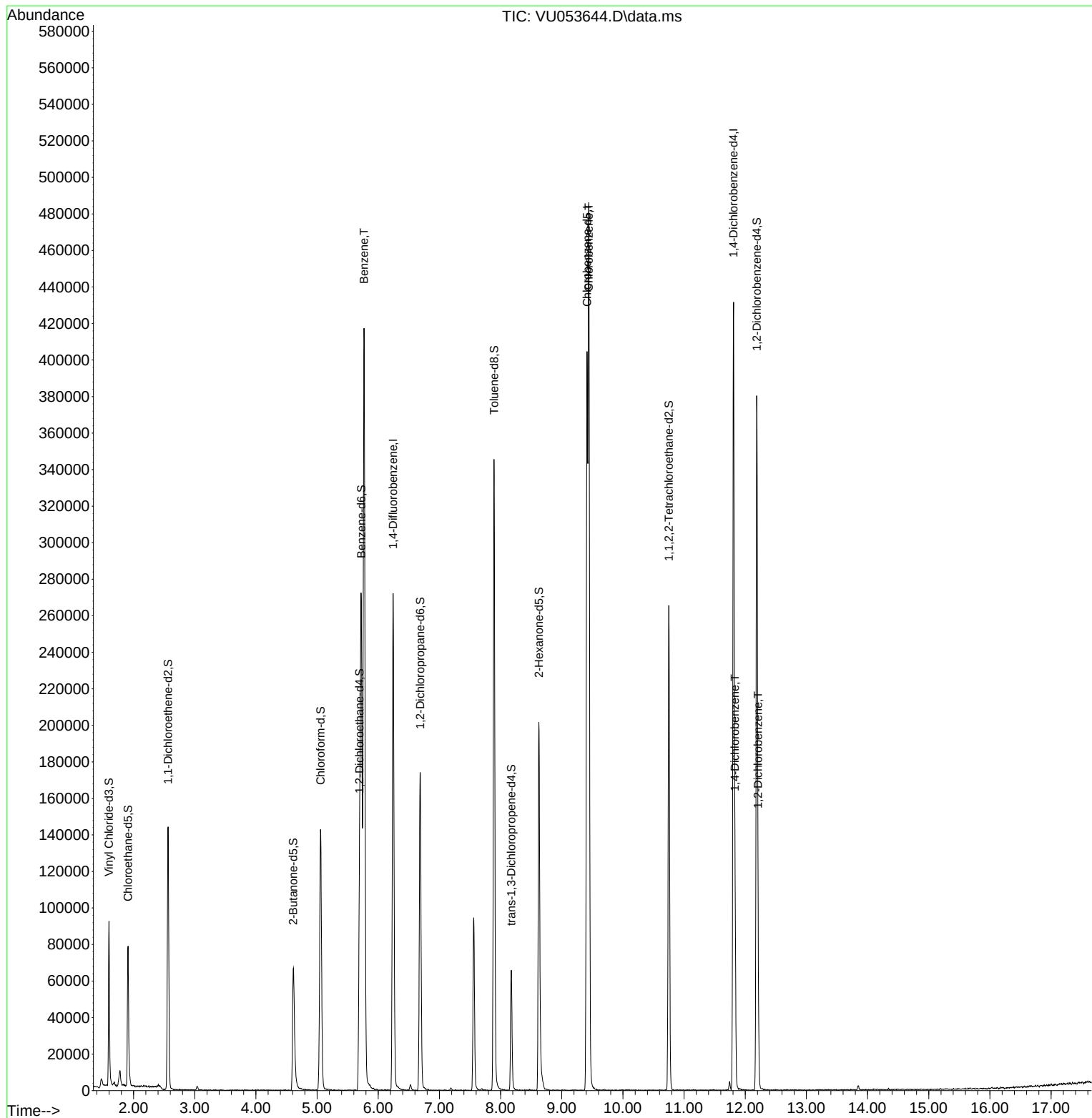
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.243   | 114   | 230002   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.414   | 117   | 221306   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809  | 152   | 112488   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597   | 65    | 65898    | 36.795   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 73.600%  |
| 7) Chloroethane-d5            | 1.909   | 69    | 61158    | 44.290   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 88.580%  |
| 11) 1,1-Dichloroethene-d2     | 2.562   | 63    | 83090    | 29.971   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 59.940%# |
| 21) 2-Butanone-d5             | 4.610   | 46    | 94447    | 116.478  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 116.480% |
| 24) Chloroform-d              | 5.057   | 84    | 130603   | 44.094   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 88.180%  |
| 26) 1,2-Dichloroethane-d4     | 5.694   | 65    | 86338    | 49.331   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 98.660%  |
| 32) Benzene-d6                | 5.723   | 84    | 262205   | 43.894   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 87.780%  |
| 36) 1,2-Dichloropropane-d6    | 6.687   | 67    | 84879    | 46.487   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 92.980%  |
| 41) Toluene-d8                | 7.893   | 98    | 235819   | 39.718   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 79.440%# |
| 43) trans-1,3-Dichloroprop... | 8.176   | 79    | 38574    | 40.927   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 81.860%  |
| 47) 2-Hexanone-d5             | 8.626   | 63    | 72495    | 116.337  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 116.340% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.751  | 84    | 129259   | 50.227   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 100.460% |
| 66) 1,2-Dichlorobenzene-d4    | 12.189  | 152   | 100046   | 42.609   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 85.220%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 33) Benzene                   | 5.768   | 78    | 412211   | 71.490   | ug/L   | 100      |
| 51) Chlorobenzene             | 9.443   | 112   | 268418   | 59.620   | ug/L   | 96       |
| 65) 1,4-Dichlorobenzene       | 11.832  | 146   | 43210    | 12.200   | ug/L   | 98       |
| 67) 1,2-Dichlorobenzene       | 12.208  | 146   | 21708    | 6.268    | ug/L   | 95       |
| -----                         |         |       |          |          |        |          |

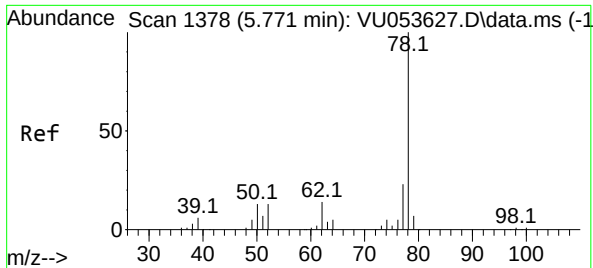
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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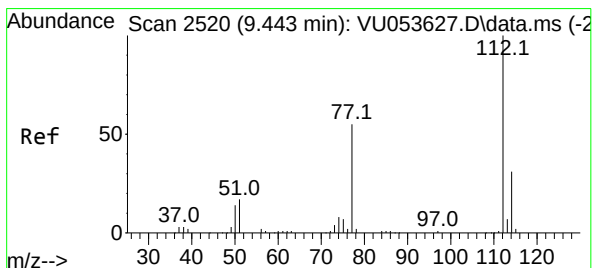
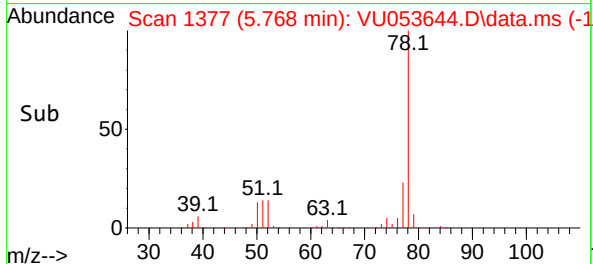
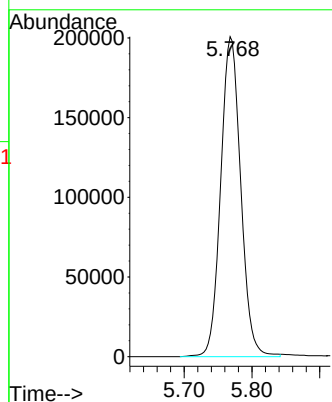
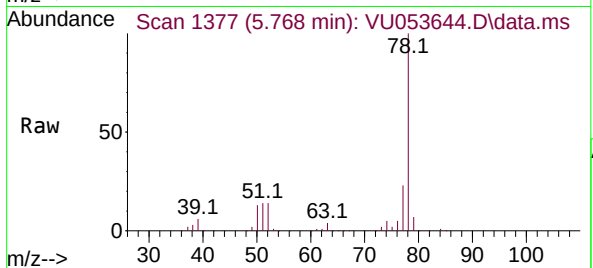




#33  
Benzene  
Concen: 71.490 ug/L  
RT: 5.768 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: VU053644.D  
Acq: 11 Apr 2023 18:45

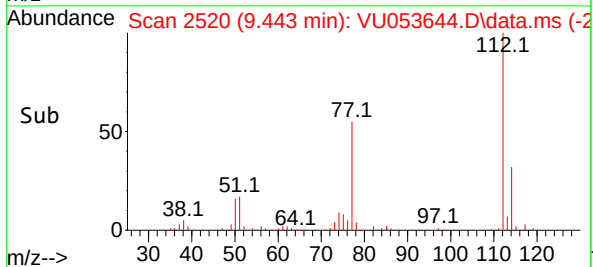
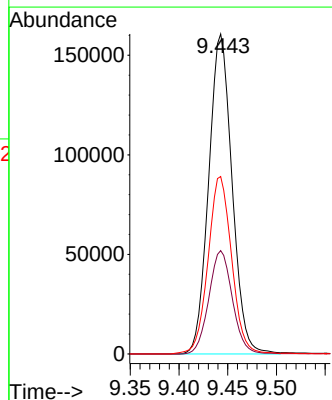
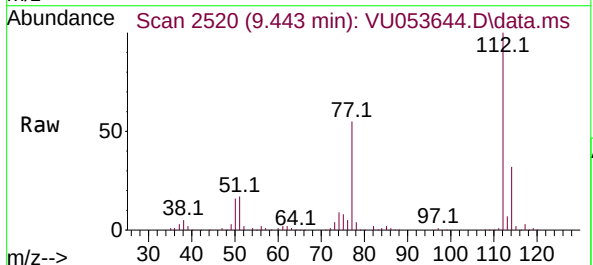
Instrument :  
MSVOA\_U  
ClientSampleId :  
COME0

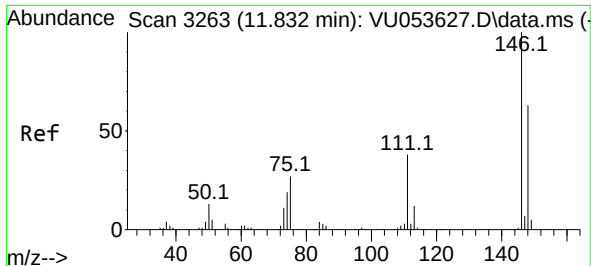
Tgt Ion: 78 Resp: 412211



#51  
Chlorobenzene  
Concen: 59.620 ug/L  
RT: 9.443 min Scan# 2520  
Delta R.T. -0.000 min  
Lab File: VU053644.D  
Acq: 11 Apr 2023 18:45

Tgt Ion:112 Resp: 268418  
Ion Ratio Lower Upper  
112 100  
114 32.3 22.2 41.2  
77 55.4 41.3 61.9

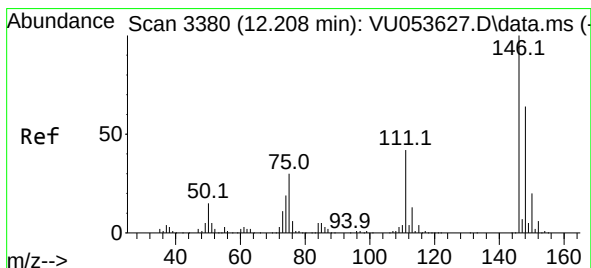
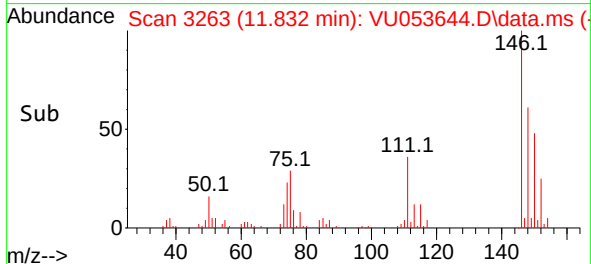
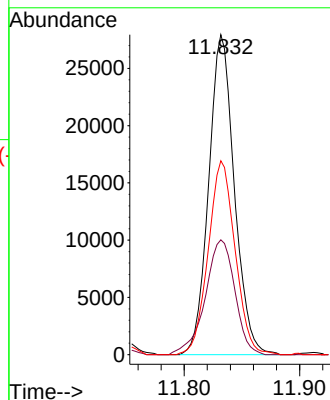
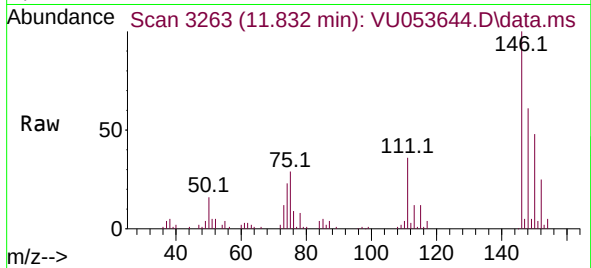




#65  
1,4-Dichlorobenzene  
Concen: 12.200 ug/L  
RT: 11.832 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VU053644.D  
Acq: 11 Apr 2023 18:45

Instrument :  
MSVOA\_U  
ClientSampleId :  
COMEO

Tgt Ion:146 Resp: 43210  
Ion Ratio Lower Upper  
146 100  
111 35.9 25.1 46.5  
148 60.6 44.3 82.3



#67  
1,2-Dichlorobenzene  
Concen: 6.268 ug/L  
RT: 12.208 min Scan# 3380  
Delta R.T. -0.000 min  
Lab File: VU053644.D  
Acq: 11 Apr 2023 18:45

Tgt Ion:146 Resp: 21708  
Ion Ratio Lower Upper  
146 100  
111 44.0 31.5 47.3  
148 62.1 51.6 77.4

