

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW122221\  
 Data File : VW021584.D  
 Acq On : 23 Dec 2021 00:30  
 Operator : SY/VA  
 Sample : M5213-08  
 Misc : 5.57g/10.0mL/MSVOA\_W/SOIL  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BGLE0

Quant Time: Dec 23 03:40:17 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM120921SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Dec 23 02:55:43 2021  
 Response via : Initial Calibration

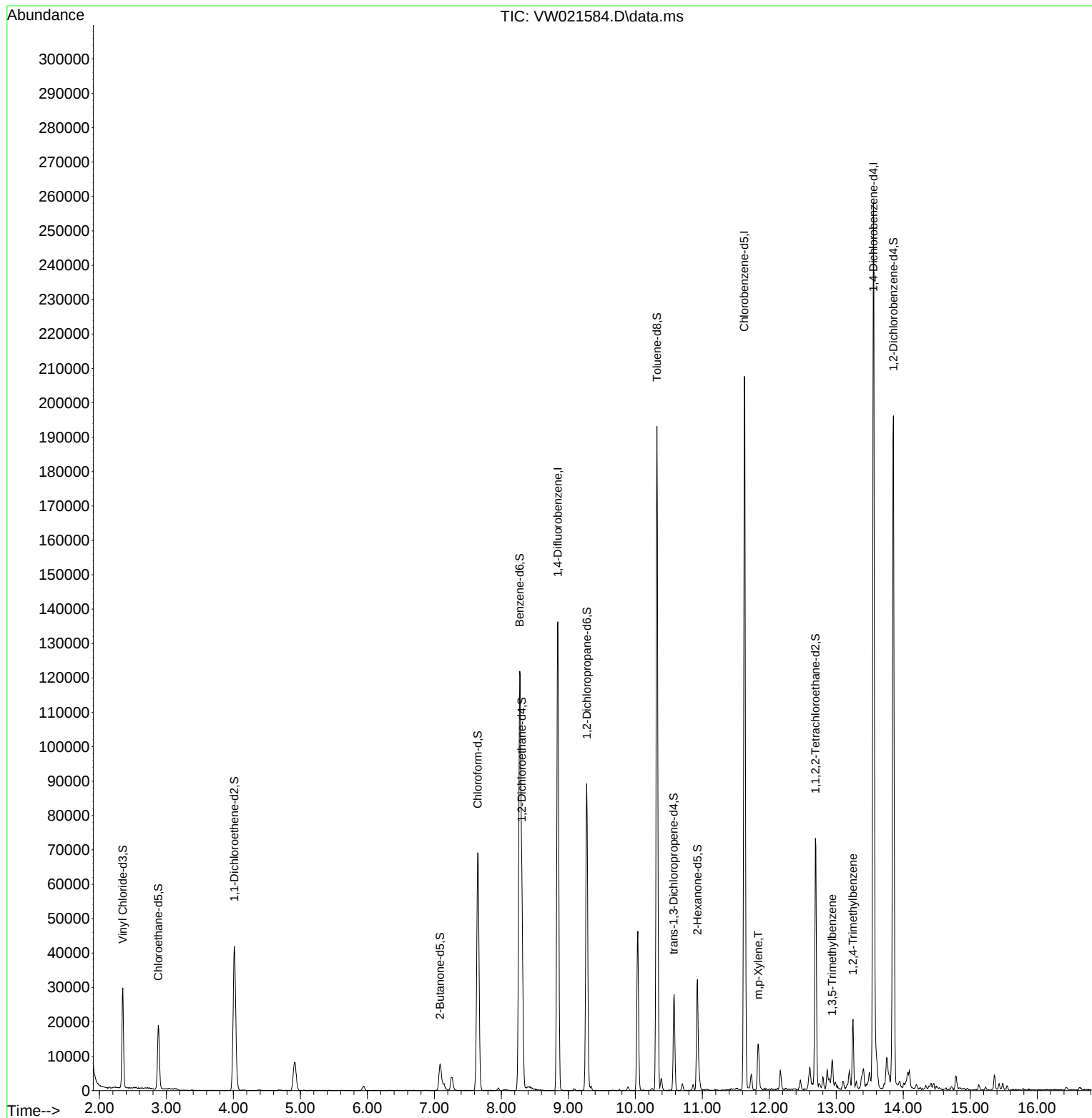
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 117197   | 25.000   | ug/L   | # 0.00   |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 117029   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 66928    | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.349  | 65    | 27898    | 13.070   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 52.280%  |
| 7) Chloroethane-d5            | 2.879  | 69    | 20579    | 14.584   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 58.320%  |
| 11) 1,1-Dichloroethene-d2     | 4.013  | 63    | 39355    | 13.830   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 55.320%  |
| 21) 2-Butanone-d5             | 7.086  | 46    | 13160    | 43.739   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 87.480%  |
| 24) Chloroform-d              | 7.647  | 84    | 69979    | 21.426   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 85.720%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 40688    | 23.420   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 93.680%  |
| 32) Benzene-d6                | 8.275  | 84    | 126029   | 19.647   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 78.600%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 38270    | 22.245   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 89.000%  |
| 41) Toluene-d8                | 10.323 | 98    | 125992   | 19.223   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 76.880%  |
| 43) trans-1,3-Dichloroprop... | 10.573 | 79    | 15336    | 19.360   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 77.440%  |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 10397    | 40.869   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 81.740%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84    | 32594    | 22.039   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 88.160%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 52402    | 20.203   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 80.800%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 53) m,p-Xylene                | 11.835 | 106   | 4319     | 1.257    | ug/L   | 81       |
| 62) 1,3,5-Trimethylbenzene    | 12.938 | 105   | 3801     | 0.491    | ug/L   | 99       |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105   | 10838    | 1.420    | ug/L   | 98       |
| -----                         |        |       |          |          |        |          |

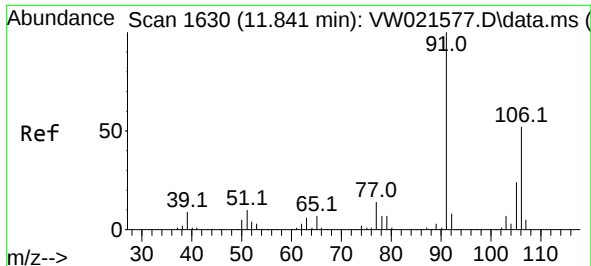
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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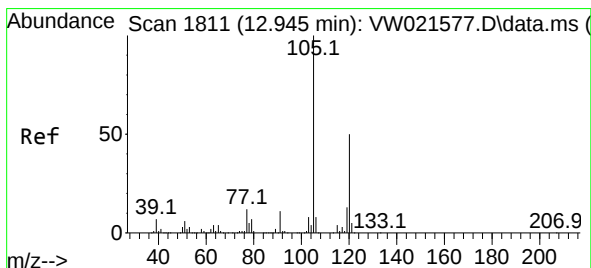
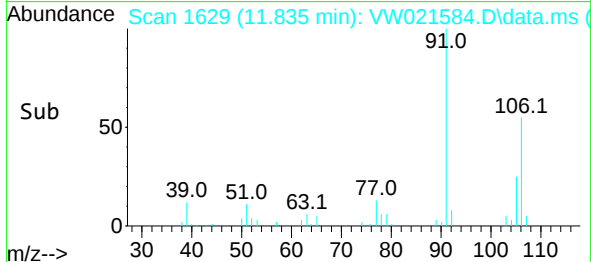
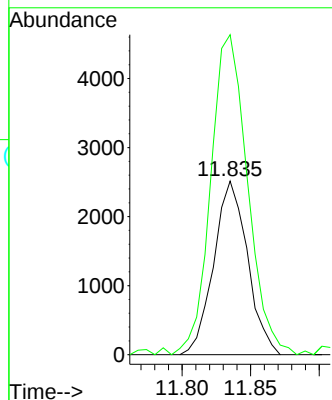
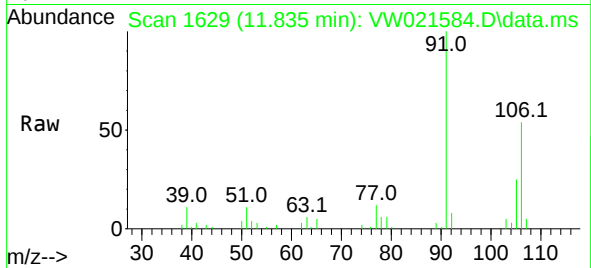




#53  
m,p-Xylene  
Concen: 1.257 ug/L  
RT: 11.835 min Scan# 1180  
Delta R.T. -0.006 min  
Lab File: VW021584.D  
Acq: 23 Dec 2021 00:30

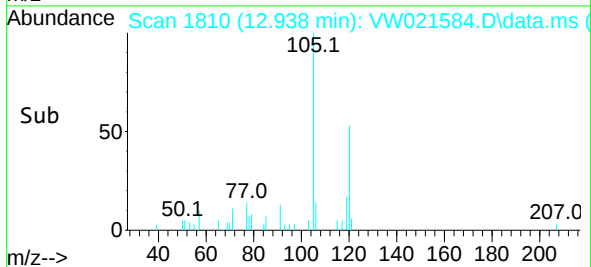
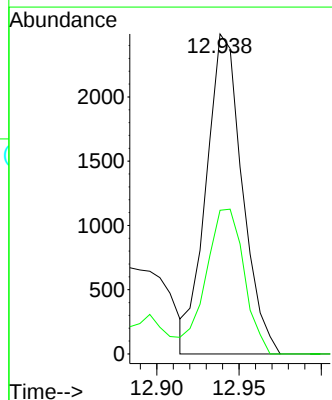
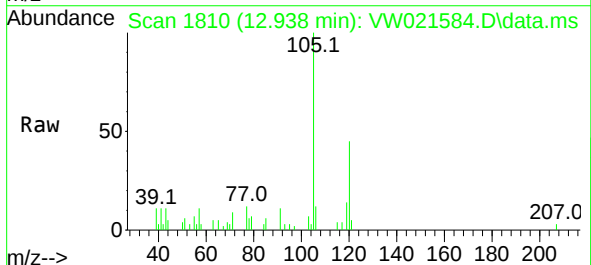
Instrument :  
MSVOA\_W  
ClientSampleId :  
BGL00

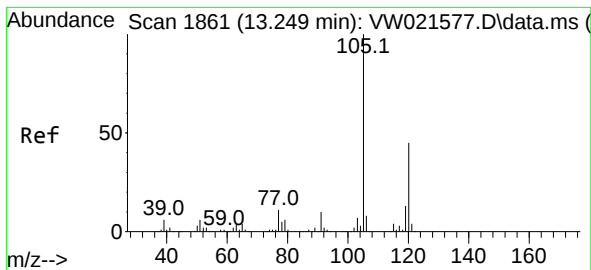
Tgt Ion:106 Resp: 4319  
Ion Ratio Lower Upper  
106 100  
91 184.3 149.9 278.3



#62  
1,3,5-Trimethylbenzene  
Concen: 0.491 ug/L  
RT: 12.938 min Scan# 1810  
Delta R.T. -0.006 min  
Lab File: VW021584.D  
Acq: 23 Dec 2021 00:30

Tgt Ion:105 Resp: 3801  
Ion Ratio Lower Upper  
105 100  
120 47.6 37.4 56.2





#63  
 1,2,4-Trimethylbenzene  
 Concen: 1.420 ug/L  
 RT: 13.249 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VW021584.D  
 Acq: 23 Dec 2021 00:30

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BGLE0

Tgt Ion:105 Resp: 10838  
 Ion Ratio Lower Upper  
 105 100  
 120 42.6 35.0 52.6

