

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW122722\  
 Data File : VW025211.D  
 Acq On : 27 Dec 2022 11:44  
 Operator : SY/MD  
 Sample : N6193-19  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VHBLK002

Quant Time: Dec 28 00:53:17 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM120822SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Dec 28 00:52:08 2022  
 Response via : Initial Calibration

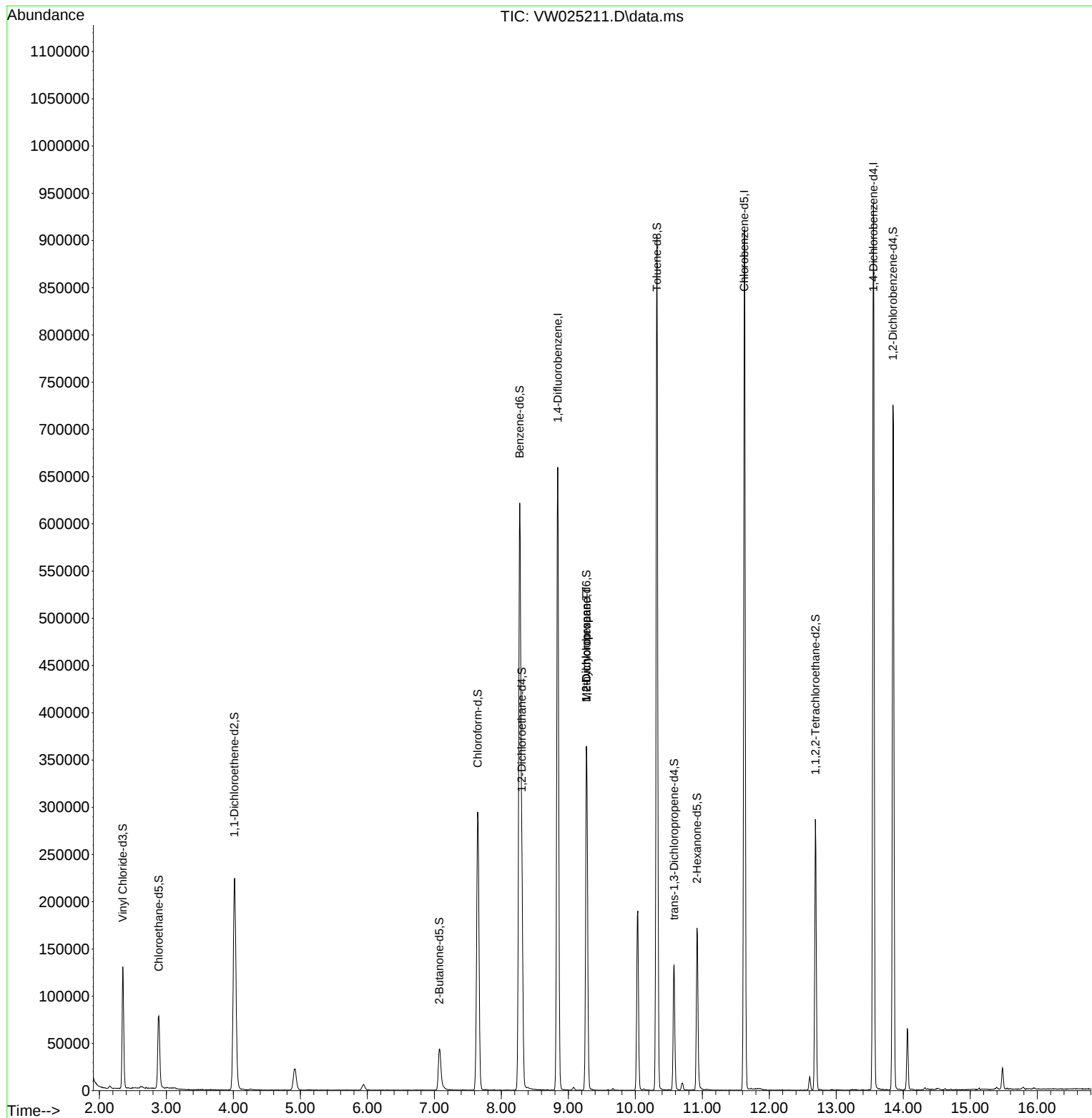
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 565242   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 500697   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 235359   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.349  | 65    | 126465   | 19.409   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 77.640%  |
| 7) Chloroethane-d5            | 2.885  | 69    | 90136    | 21.423   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 85.680%  |
| 11) 1,1-Dichloroethene-d2     | 4.013  | 63    | 225785   | 15.817   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 63.280%  |
| 21) 2-Butanone-d5             | 7.074  | 46    | 78040    | 47.707   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 95.420%  |
| 24) Chloroform-d              | 7.647  | 84    | 310382   | 21.273   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 85.080%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 159955   | 21.618   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 86.480%  |
| 32) Benzene-d6                | 8.275  | 84    | 673457   | 22.935   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 91.760%  |
| 36) 1,2-Dichloropropane-d6    | 9.268  | 67    | 180790   | 21.160   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 84.640%  |
| 41) Toluene-d8                | 10.323 | 98    | 595360   | 22.362   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 89.440%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 78034    | 21.621   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 86.480%  |
| 47) 2-Hexanone-d5             | 10.920 | 63    | 62221    | 49.637   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 99.280%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84    | 144595   | 22.918   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 91.680%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.847 | 152   | 190916   | 23.932   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 95.720%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 35) Methylcyclohexane         | 9.268  | 83    | 42766    | 2.968    | ug/L # | 20       |
| 37) 1,2-Dichloropropane       | 9.268  | 63    | 19166    | 2.562    | ug/L # | 87       |
| -----                         |        |       |          |          |        |          |

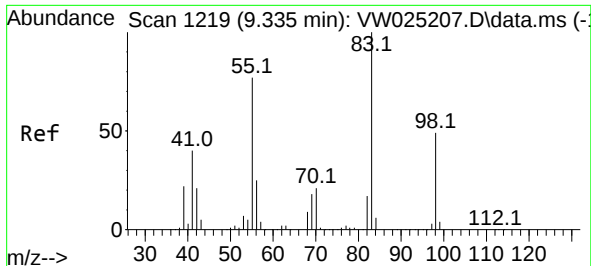
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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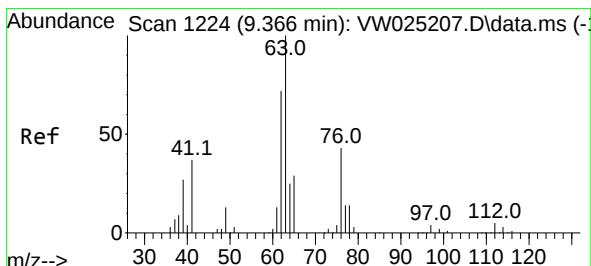
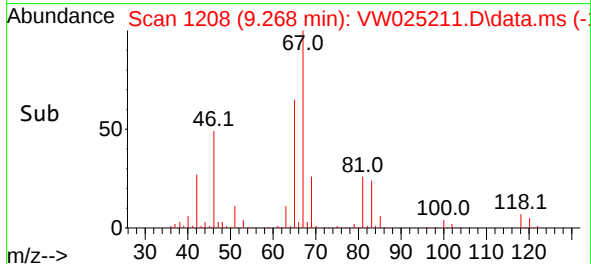
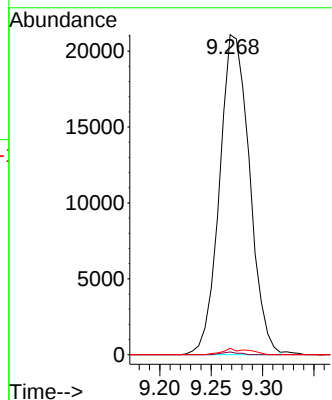
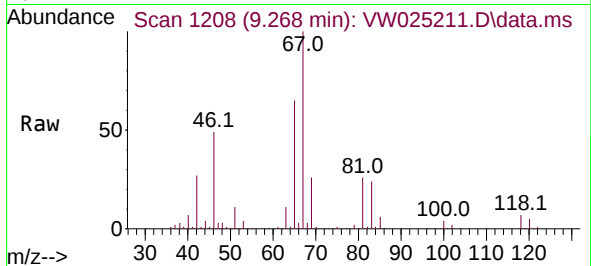




#35  
Methylcyclohexane  
Concen: 2.968 ug/L  
RT: 9.268 min Scan# 1208  
Delta R.T. -0.067 min  
Lab File: VW025211.D  
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Instrument :  
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Tgt Ion: 83 Resp: 42766  
Ion Ratio Lower Upper  
83 100  
55 0.5 59.3 88.9#  
98 0.9 38.6 57.8#



#37  
1,2-Dichloropropane  
Concen: 2.562 ug/L  
RT: 9.268 min Scan# 1208  
Delta R.T. -0.098 min  
Lab File: VW025211.D  
Acq: 27 Dec 2022 11:44

Tgt Ion: 63 Resp: 19166  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.4 5.2#

