

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW072222\  
 Data File : VW024044.D  
 Acq On : 23 Jul 2022 10:17  
 Operator : SY/VA  
 Sample : N3744-22  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Jul 24 00:41:26 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Jul 23 06:00:17 2022  
 Response via : Initial Calibration

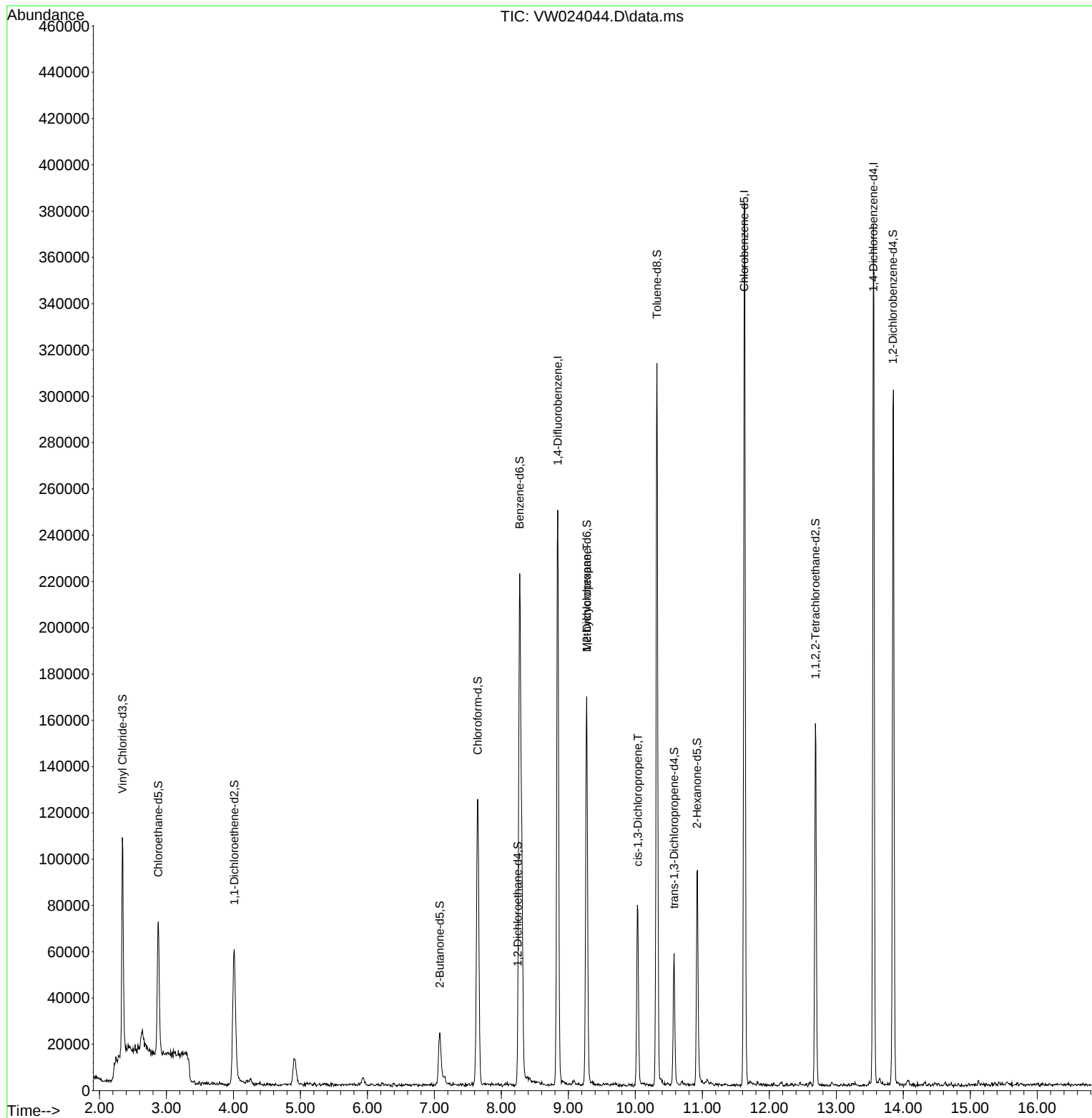
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.841  | 114   | 197869   | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 201801   | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 87273    | 25.000   | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 2.343  | 65    | 96736    | 19.141   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 76.560%  |
| 7) Chloroethane-d5            | 2.879  | 69    | 66422    | 19.701   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 78.800%  |
| 11) 1,1-Dichloroethene-d2     | 4.013  | 63    | 58971    | 14.330   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 57.320%  |
| 21) 2-Butanone-d5             | 7.080  | 46    | 35341    | 45.084   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 90.160%  |
| 24) Chloroform-d              | 7.647  | 84    | 121653   | 21.117   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 84.480%  |
| 26) 1,2-Dichloroethane-d4     | 8.244  | 65    | 83       | 0.024    | ug/L  | -0.06    |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 0.080%#  |
| 32) Benzene-d6                | 8.275  | 84    | 218080   | 20.789   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 83.160%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 69623    | 22.034   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 88.120%  |
| 41) Toluene-d8                | 10.323 | 98    | 200085   | 18.804   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 75.200%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 28001    | 18.905   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 75.600%  |
| 47) 2-Hexanone-d5             | 10.920 | 63    | 28082    | 42.263   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 84.520%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84    | 73094    | 20.932   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 83.720%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.847 | 152   | 72792    | 23.365   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 93.440%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 35) Methylcyclohexane         | 9.274  | 83    | 18027    | 3.909    | ug/L  | # 20     |
| 39) cis-1,3-Dichloropropene   | 10.036 | 75    | 2602     | 0.600    | ug/L  | 93       |
| -----                         |        |       |          |          |       |          |

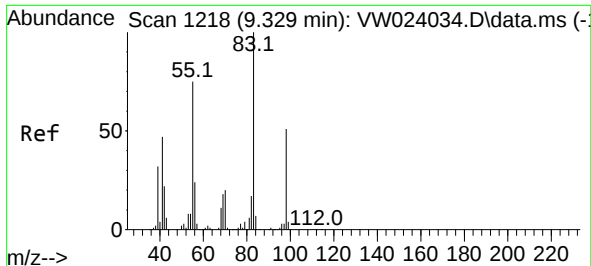
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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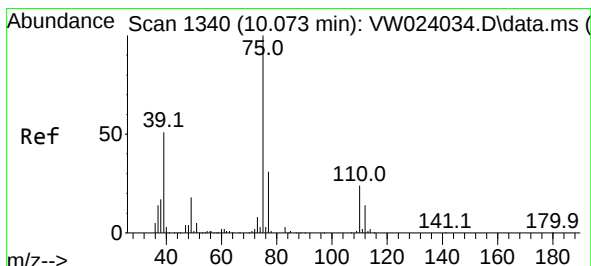
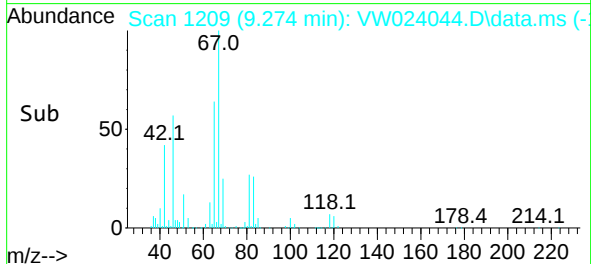
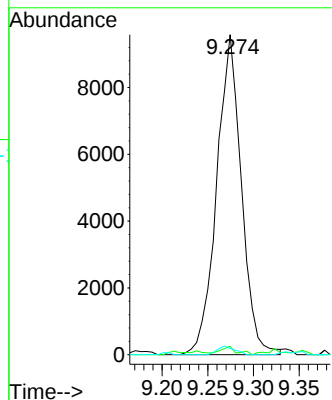
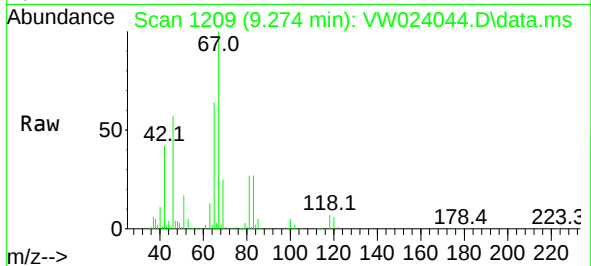




#35  
Methylcyclohexane  
Concen: 3.909 ug/L  
RT: 9.274 min Scan# 11  
Delta R.T. -0.055 min  
Lab File: VW024044.D  
Acq: 23 Jul 2022 10:17

Instrument :  
MSVOA\_W  
ClientSampleId :

Tgt Ion: 83 Resp: 18027  
Ion Ratio Lower Upper  
83 100  
55 1.3 60.8 91.2#  
98 1.9 39.5 59.3#



#39  
cis-1,3-Dichloropropene  
Concen: 0.600 ug/L  
RT: 10.036 min Scan# 1334  
Delta R.T. -0.037 min  
Lab File: VW024044.D  
Acq: 23 Jul 2022 10:17

Tgt Ion: 75 Resp: 2602  
Ion Ratio Lower Upper  
75 100  
77 36.0 22.5 41.9

