

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD060324\  
 Data File : VD079132.D  
 Acq On : 03 Jun 2024 19:04  
 Operator : RP/MD  
 Sample : P2642-32  
 Misc : 5.30G/10ml/MSVOA\_D/SOIL/A  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Jun 04 05:07:44 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM052924SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Jun 01 00:34:30 2024  
 Response via : Initial Calibration

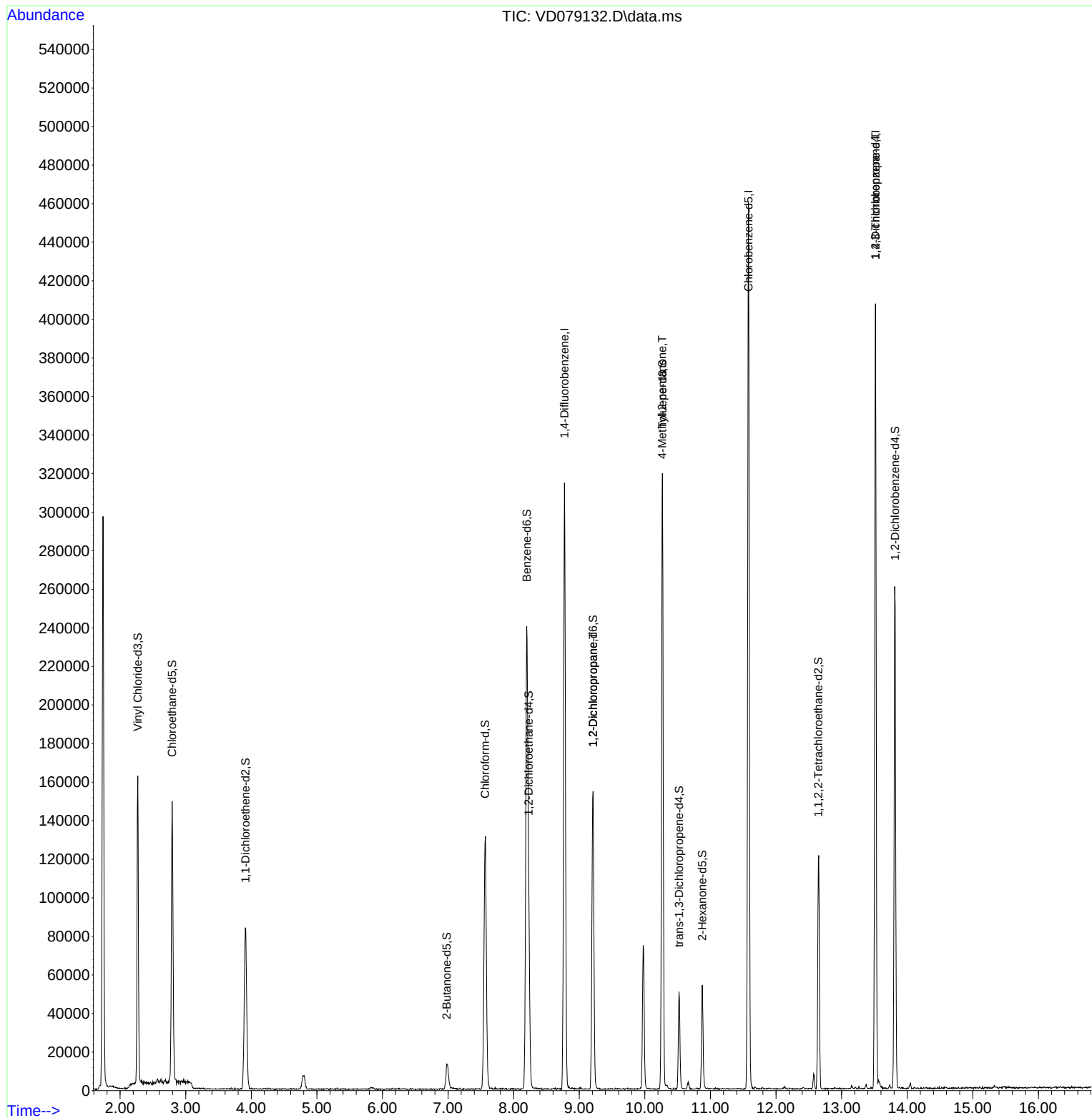
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.775  | 114   | 291420   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.581 | 117   | 278072   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.516 | 152   | 111839   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.269  | 65    | 146932   | 16.384   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 65.520%  |
| 7) Chloroethane-d5            | 2.793  | 69    | 151574   | 17.480   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 69.920%  |
| 11) 1,1-Dichloroethene-d2     | 3.911  | 65    | 22566    | 14.175   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 56.680%  |
| 21) 2-Butanone-d5             | 6.981  | 46    | 22697    | 33.090   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 66.180%  |
| 24) Chloroform-d              | 7.563  | 84    | 140153   | 17.200   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 68.800%  |
| 26) 1,2-Dichloroethane-d4     | 8.228  | 65    | 65052    | 17.306   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 69.240%# |
| 32) Benzene-d6                | 8.199  | 84    | 272043   | 17.648   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 70.600%  |
| 36) 1,2-Dichloropropane-d6    | 9.210  | 67    | 81353    | 18.321   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 73.280%  |
| 41) Toluene-d8                | 10.269 | 98    | 228850   | 15.855   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 63.440%  |
| 43) trans-1,3-Dichloroprop... | 10.522 | 79    | 29602    | 15.860   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 63.440%  |
| 47) 2-Hexanone-d5             | 10.875 | 63    | 18085    | 31.504   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 63.000%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.645 | 84    | 63577    | 16.164   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 64.640%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.816 | 152   | 74150    | 19.211   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 76.840%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 37) 1,2-Dichloropropane       | 9.210  | 63    | 8115     | 2.000    | ug/L # | 85       |
| 40) 4-Methyl-2-pentanone      | 10.263 | 43    | 802      | 0.474    | ug/L # | 1        |
| 61) 1,2,3-Trichloropropane    | 13.516 | 75    | 12329    | 6.244    | ug/L # | 60       |
| -----                         |        |       |          |          |        |          |

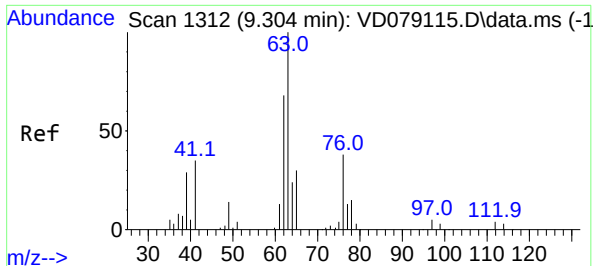
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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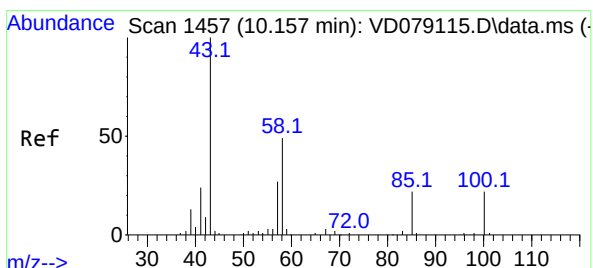
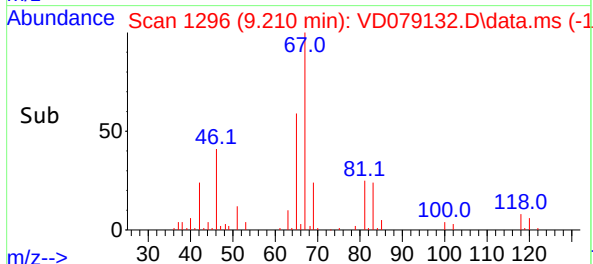
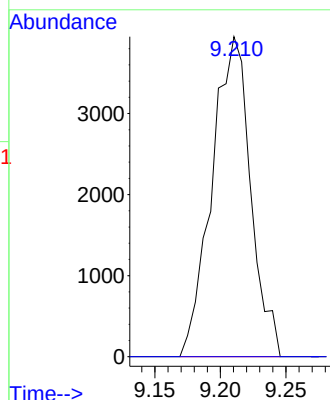
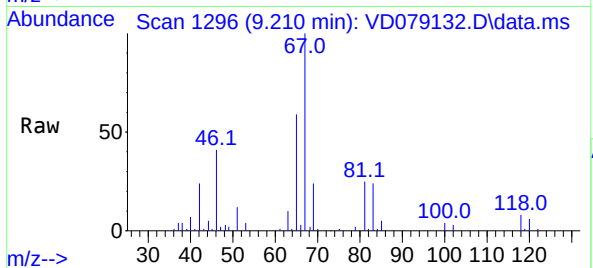




#37  
1,2-Dichloropropane  
Concen: 2.000 ug/L  
RT: 9.210 min Scan# 11  
Delta R.T. -0.094 min  
Lab File: VD079132.D  
Acq: 03 Jun 2024 19:04

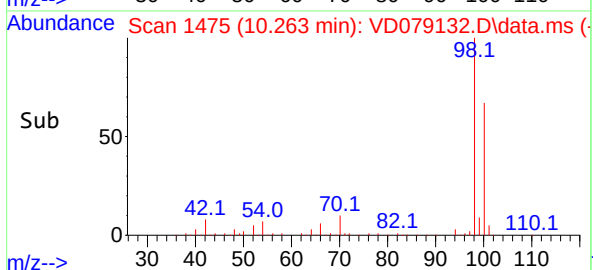
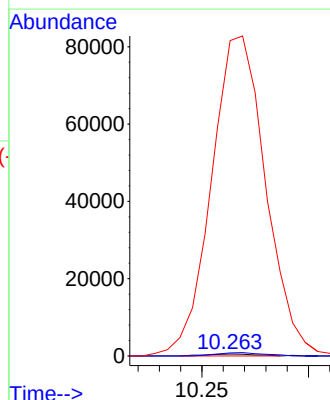
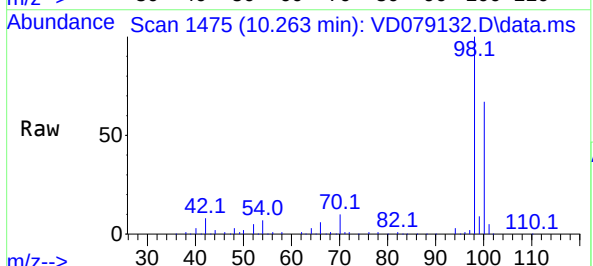
Instrument :  
MSVOA\_D  
ClientSampleId :

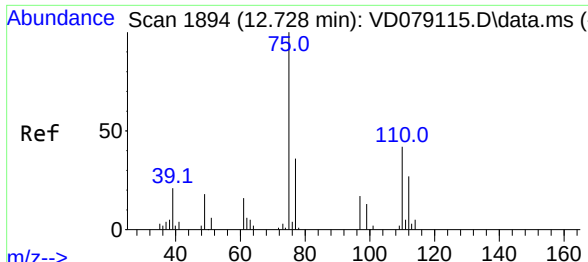
Tgt Ion: 63 Resp: 8115  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.9 5.9#



#40  
4-Methyl-2-pentanone  
Concen: 0.474 ug/L  
RT: 10.263 min Scan# 1475  
Delta R.T. 0.106 min  
Lab File: VD079132.D  
Acq: 03 Jun 2024 19:04

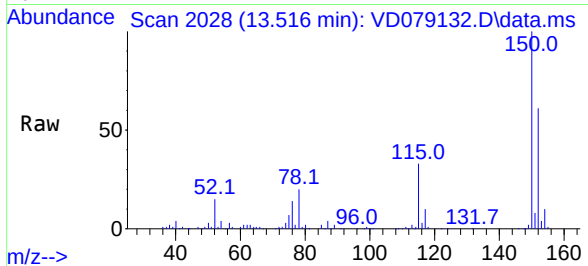
Tgt Ion: 43 Resp: 802  
Ion Ratio Lower Upper  
43 100  
58 163.7 34.0 51.0#  
100 18513.3 16.9 25.3#





#61  
1,2,3-Trichloropropane  
Concen: 6.244 ug/L  
RT: 13.516 min Scan# 20  
Delta R.T. 0.794 min  
Lab File: VD079132.D  
Acq: 03 Jun 2024 19:04

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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 12329 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 36.9  | 25.9  | 38.9  |
| 110      | 2.0   | 34.2  | 51.4# |

