

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD050323\  
 Data File : VD075979.D  
 Acq On : 03 May 2023 13:19  
 Operator : KP/SY  
 Sample : 02591-01  
 Misc : 4.53G/10.00ml/MSVOA\_D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 JREB8

Quant Time: May 04 03:07:54 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM042023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu May 04 02:54:49 2023  
 Response via : Initial Calibration

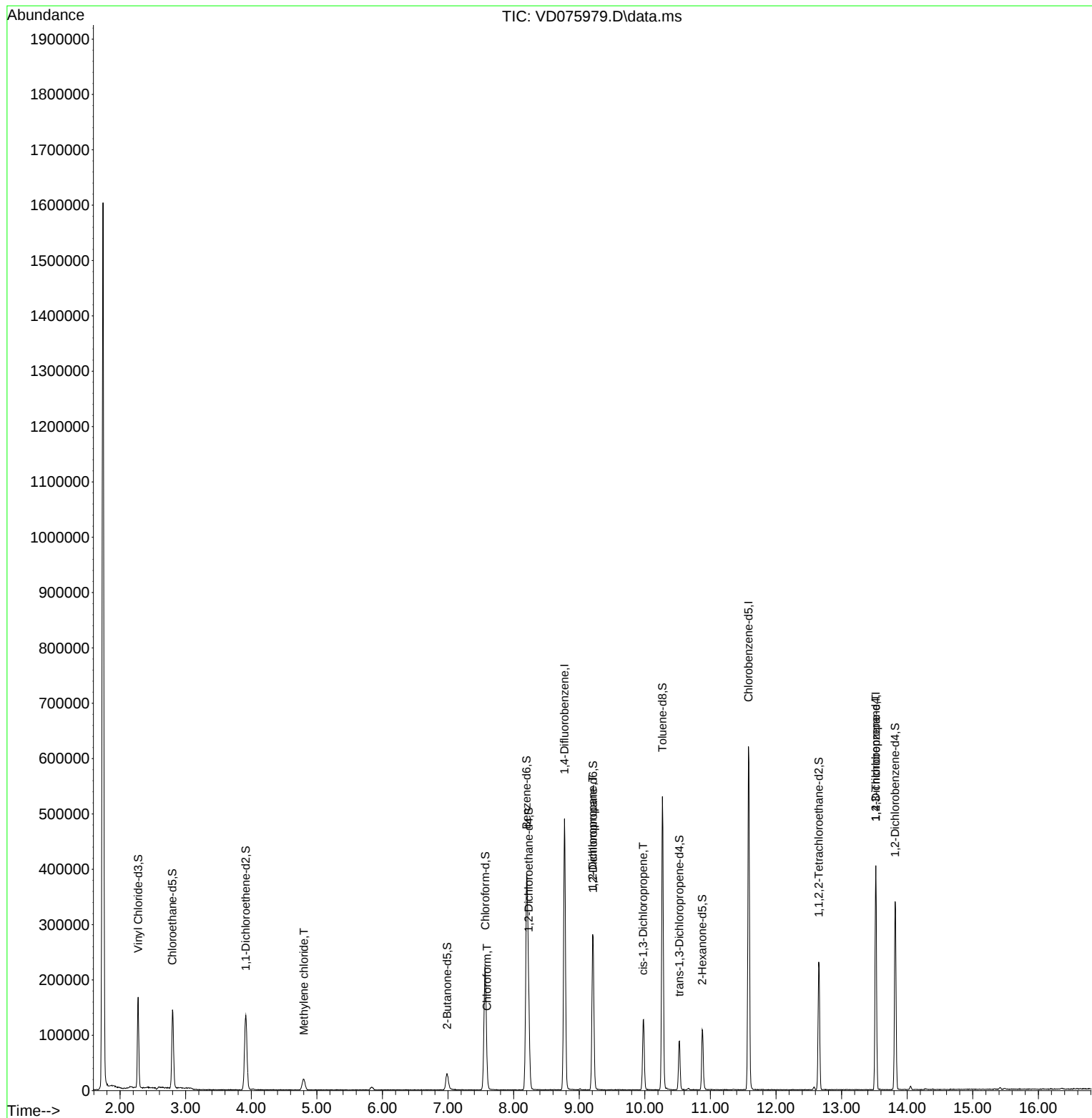
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.775  | 114   | 468638   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.581 | 117   | 398895   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.522 | 152   | 121000   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.275  | 65    | 157476   | 15.318   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 61.280%  |
| 7) Chloroethane-d5            | 2.799  | 69    | 155118   | 17.463   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 69.840%  |
| 11) 1,1-Dichloroethene-d2     | 3.917  | 65    | 38000    | 16.032   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 64.120%  |
| 21) 2-Butanone-d5             | 6.987  | 46    | 49674    | 55.658   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 111.320% |
| 24) Chloroform-d              | 7.569  | 84    | 236151   | 20.151   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 80.600%  |
| 26) 1,2-Dichloroethane-d4     | 8.228  | 65    | 109537   | 21.887   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 87.560%  |
| 32) Benzene-d6                | 8.199  | 84    | 441411   | 18.986   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 75.960%  |
| 36) 1,2-Dichloropropane-d6    | 9.210  | 67    | 151124   | 23.484   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 93.920%  |
| 41) Toluene-d8                | 10.269 | 98    | 386305   | 17.748   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 71.000%  |
| 43) trans-1,3-Dichloroprop... | 10.528 | 79    | 53541    | 20.129   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 80.520%  |
| 47) 2-Hexanone-d5             | 10.875 | 63    | 39951    | 51.560   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 103.120% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651 | 84    | 125320   | 25.449   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 101.800% |
| 66) 1,2-Dichlorobenzene-d4    | 13.816 | 152   | 104415   | 24.397   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 97.600%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 16) Methylene chloride        | 4.805  | 84    | 8698     | 0.915    | ug/L   | 84       |
| 25) Chloroform                | 7.593  | 83    | 7330     | 0.646    | ug/L   | 91       |
| 37) 1,2-Dichloropropane       | 9.204  | 63    | 14363    | 2.591    | ug/L # | 85       |
| 39) cis-1,3-Dichloropropene   | 9.975  | 75    | 3391     | 0.385    | ug/L   | 97       |
| 61) 1,2,3-Trichloropropane    | 13.522 | 75    | 11948    | 6.286    | ug/L # | 64       |
| -----                         |        |       |          |          |        |          |

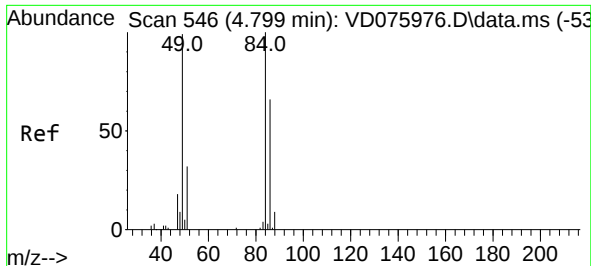
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 04 02:54:49 2023  
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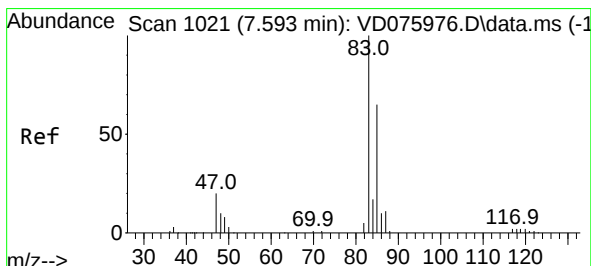
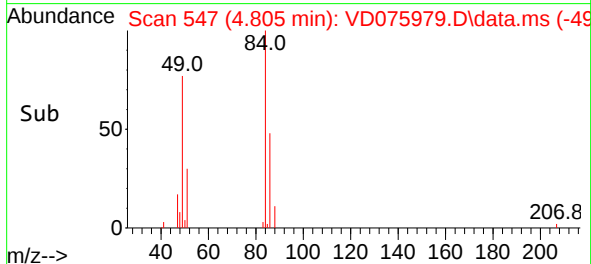
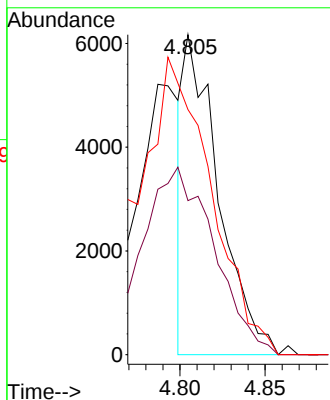
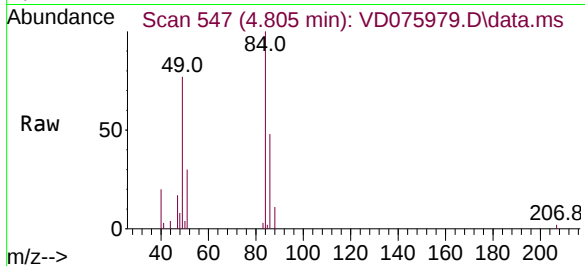




#16  
Methylene chloride  
Concen: 0.915 ug/L  
RT: 4.805 min Scan# 546  
Delta R.T. 0.006 min  
Lab File: VD075979.D  
Acq: 03 May 2023 13:19

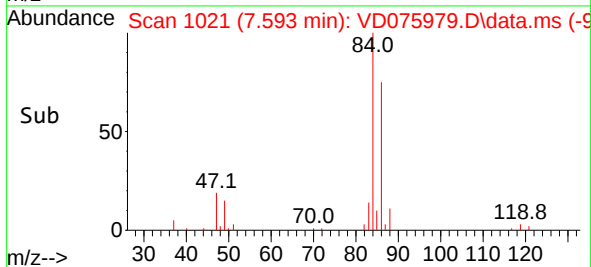
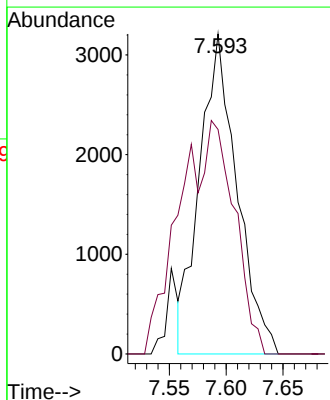
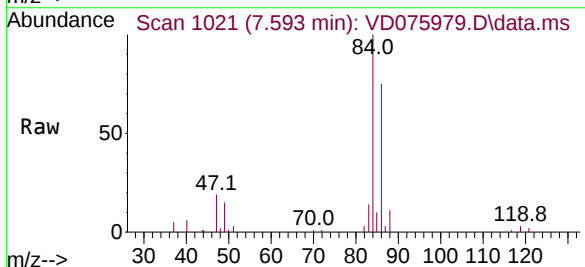
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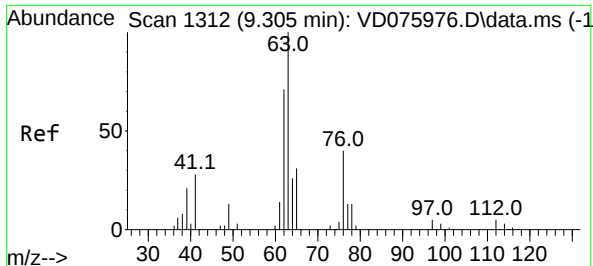
Tgt Ion: 84 Resp: 8698  
Ion Ratio Lower Upper  
84 100  
86 48.2 45.8 85.2  
49 76.6 60.8 112.8



#25  
Chloroform  
Concen: 0.646 ug/L  
RT: 7.593 min Scan# 1021  
Delta R.T. -0.000 min  
Lab File: VD075979.D  
Acq: 03 May 2023 13:19

Tgt Ion: 83 Resp: 7330  
Ion Ratio Lower Upper  
83 100  
85 70.1 44.4 82.5

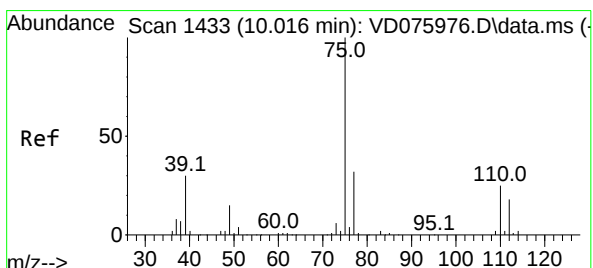
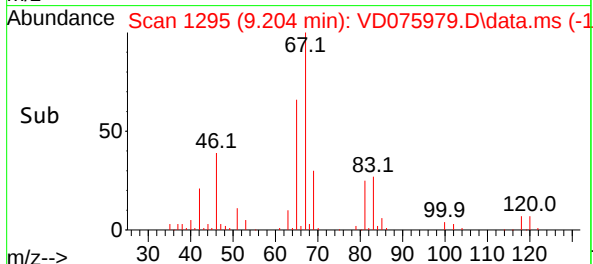
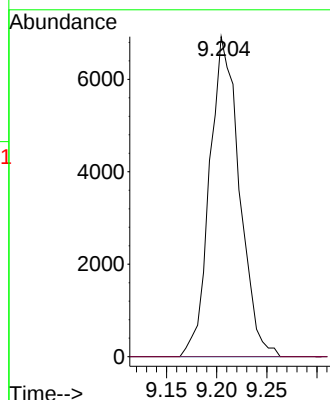
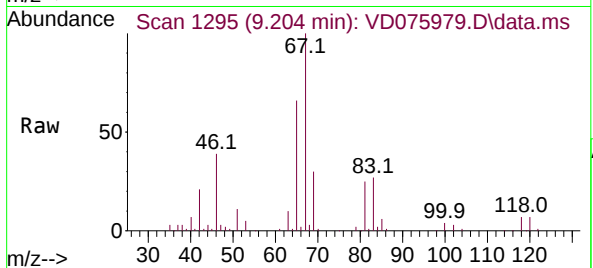




#37  
1,2-Dichloropropane  
Concen: 2.591 ug/L  
RT: 9.204 min Scan# 11  
Delta R.T. -0.100 min  
Lab File: VD075979.D  
Acq: 03 May 2023 13:19

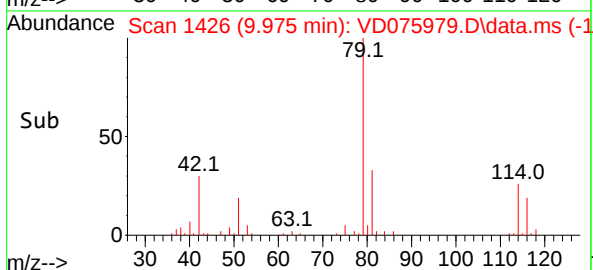
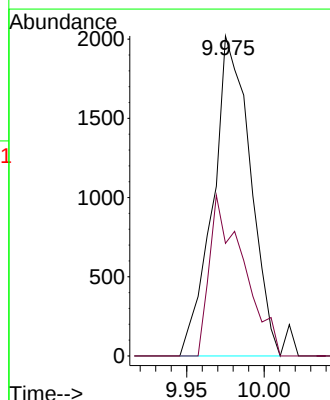
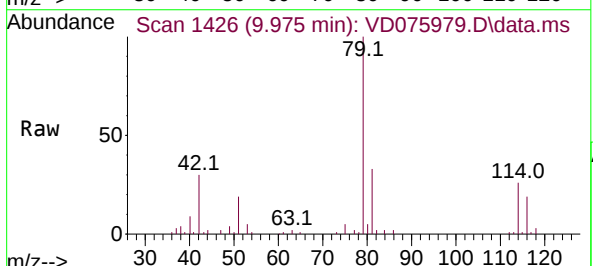
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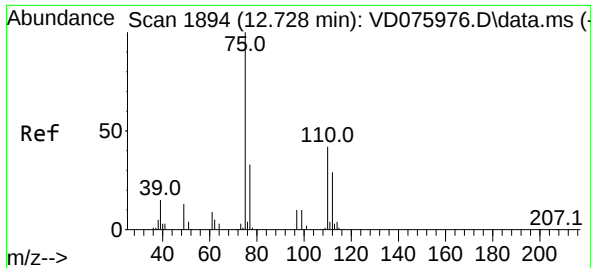
Tgt Ion: 63 Resp: 14363  
Ion Ratio Lower Upper  
63 100  
112 0.0 4.0 6.0#



#39  
cis-1,3-Dichloropropene  
Concen: 0.385 ug/L  
RT: 9.975 min Scan# 1426  
Delta R.T. -0.041 min  
Lab File: VD075979.D  
Acq: 03 May 2023 13:19

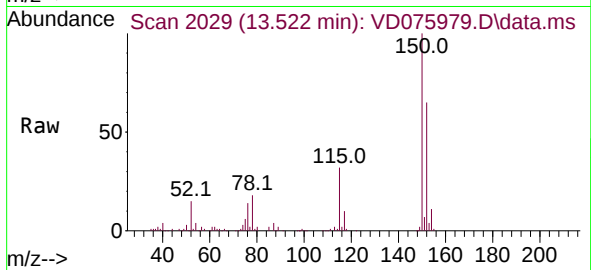
Tgt Ion: 75 Resp: 3391  
Ion Ratio Lower Upper  
75 100  
77 35.2 23.4 43.6





#61  
 1,2,3-Trichloropropane  
 Concen: 6.286 ug/L  
 RT: 13.522 min Scan# 20  
 Delta R.T. 0.794 min  
 Lab File: VD075979.D  
 Acq: 03 May 2023 13:19

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 JREB8



Tgt Ion: 75 Resp: 11948  
 Ion Ratio Lower Upper  
 75 100  
 77 31.7 26.6 39.8  
 110 2.7 33.5 50.3#

