

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD091223\  
 Data File : VD077096.D  
 Acq On : 12 Sep 2023 16:52  
 Operator : JC/SY  
 Sample : 04386-13  
 Misc : 2.05G/10.0ml/MSVOA\_D/SOIL  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Sep 13 01:50:41 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM090123SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Sep 02 01:35:39 2023  
 Response via : Initial Calibration

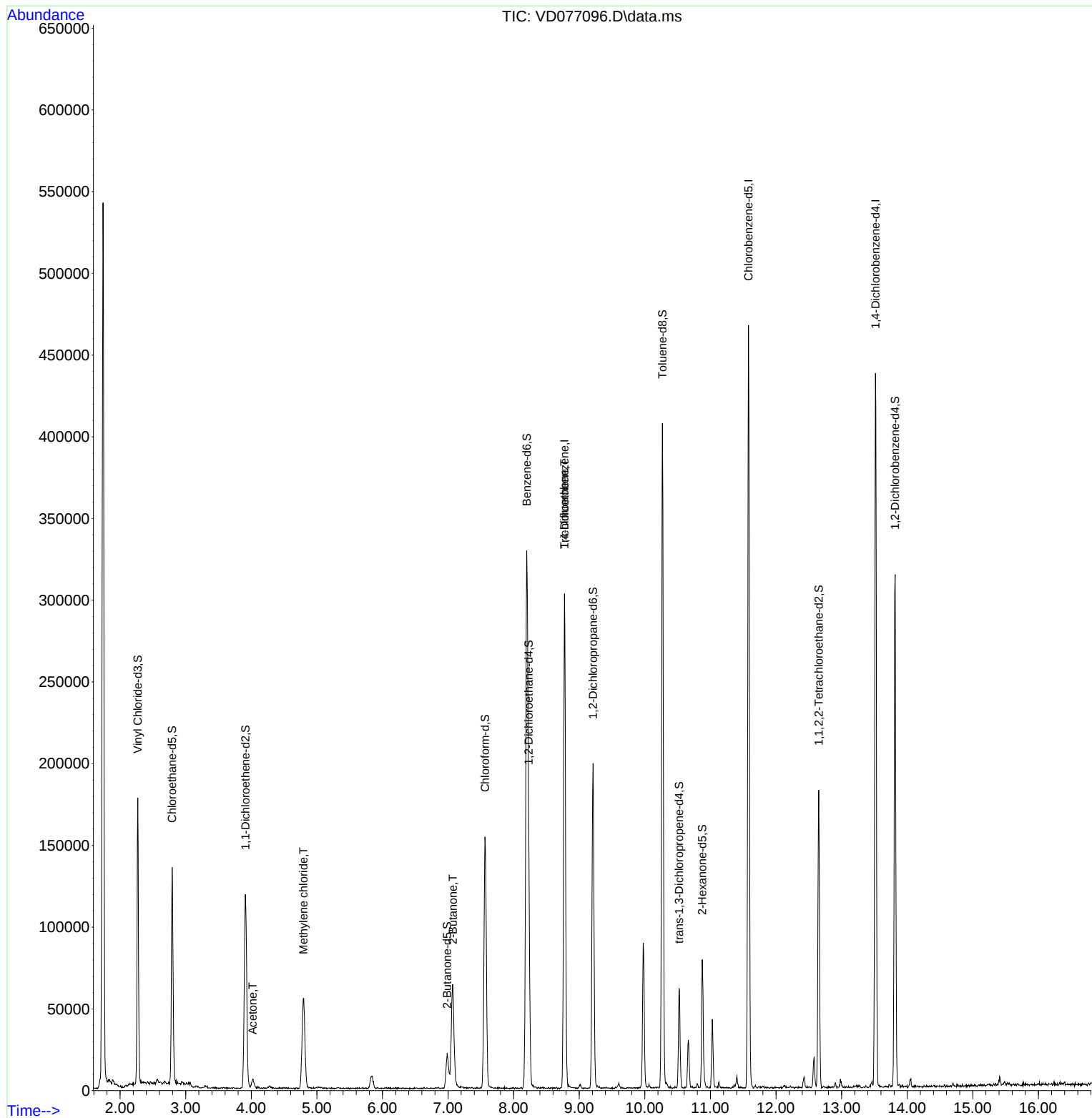
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.775  | 114   | 279543   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.581 | 117   | 278196   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.516 | 152   | 127283   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.269  | 65    | 151721   | 22.026   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 88.120%  |
| 7) Chloroethane-d5            | 2.793  | 69    | 134926   | 23.820   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 95.280%  |
| 11) 1,1-Dichloroethene-d2     | 3.910  | 65    | 32698    | 20.897   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 83.600%  |
| 21) 2-Butanone-d5             | 6.987  | 46    | 35950    | 41.429   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 82.860%  |
| 24) Chloroform-d              | 7.563  | 84    | 168697   | 22.054   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 88.200%  |
| 26) 1,2-Dichloroethane-d4     | 8.228  | 65    | 85466    | 23.574   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 94.280%  |
| 32) Benzene-d6                | 8.198  | 84    | 330846   | 21.532   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 86.120%  |
| 36) 1,2-Dichloropropane-d6    | 9.210  | 67    | 101931   | 23.132   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 92.520%  |
| 41) Toluene-d8                | 10.269 | 98    | 287732   | 20.457   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 81.840%  |
| 43) trans-1,3-Dichloroprop... | 10.522 | 79    | 36411    | 18.136   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 72.560%  |
| 47) 2-Hexanone-d5             | 10.875 | 63    | 27452    | 39.007   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 78.020%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651 | 84    | 90742    | 23.100   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 92.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.816 | 152   | 88763    | 21.727   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 86.920%  |
| Target Compounds              |        |       |          |          |        |          |
| 13) Acetone                   | 4.022  | 43    | 9227     | 7.412    | ug/L   | 48       |
| 16) Methylene chloride        | 4.793  | 84    | 46391    | 8.154    | ug/L   | 88       |
| 22) 2-Butanone                | 7.075  | 43    | 1890     | 1.259    | ug/L # | 64       |
| 34) Trichloroethene           | 8.775  | 95    | 8585     | 1.937    | ug/L # | 4        |

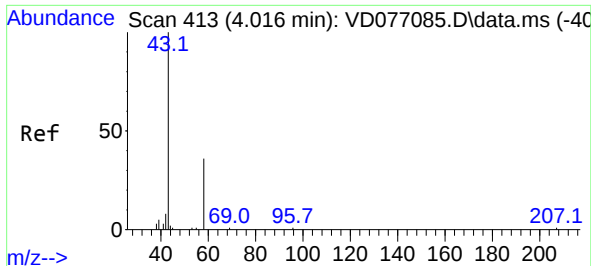
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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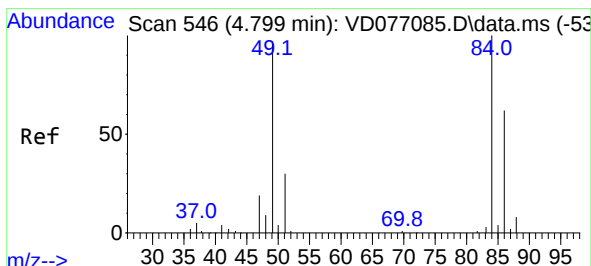
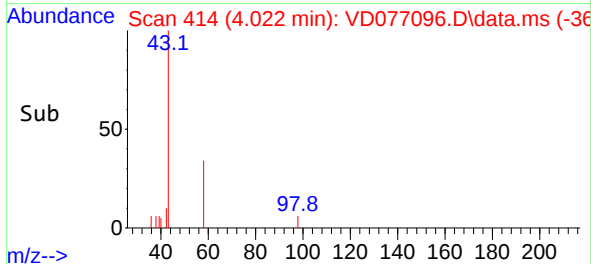
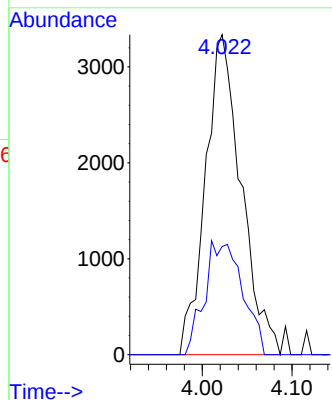
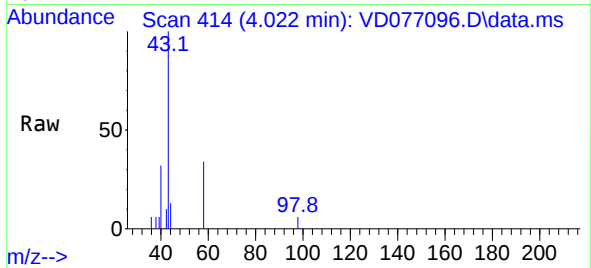




#13  
Acetone  
Concen: 7.412 ug/L  
RT: 4.022 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VD077096.D  
Acq: 12 Sep 2023 16:52

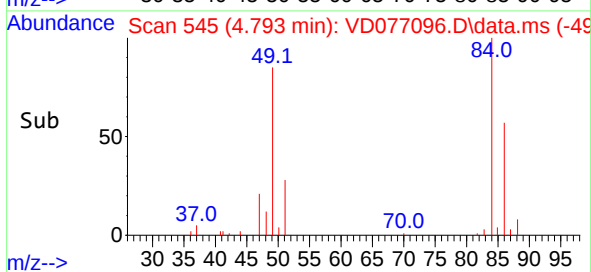
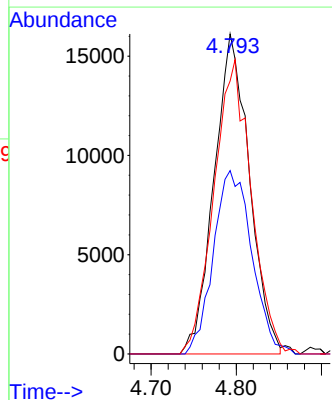
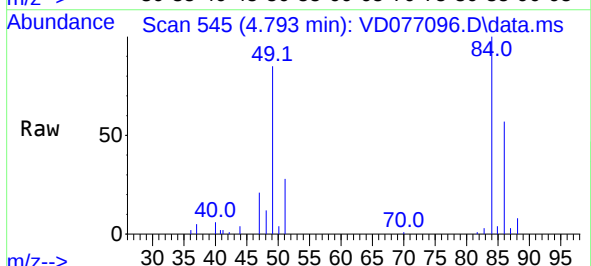
Instrument :  
MSVOA\_D  
ClientSampleId :

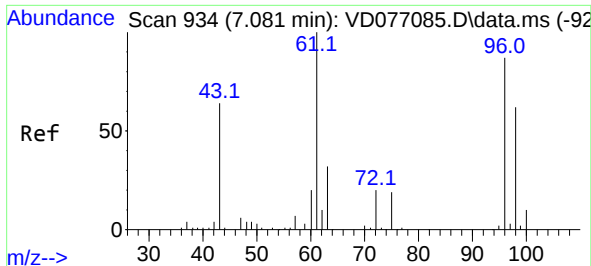
Tgt Ion: 43 Resp: 9227  
Ion Ratio Lower Upper  
43 100  
58 5.5 0.0 71.8



#16  
Methylene chloride  
Concen: 8.154 ug/L  
RT: 4.793 min Scan# 545  
Delta R.T. -0.012 min  
Lab File: VD077096.D  
Acq: 12 Sep 2023 16:52

Tgt Ion: 84 Resp: 46391  
Ion Ratio Lower Upper  
84 100  
86 57.3 45.3 84.1  
49 85.3 69.2 128.6

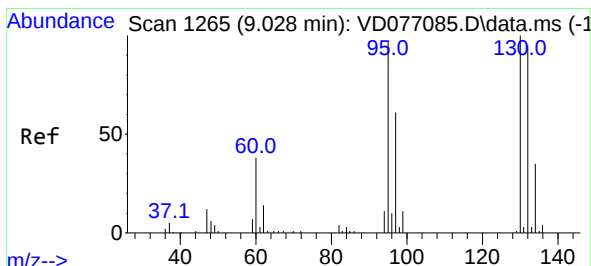
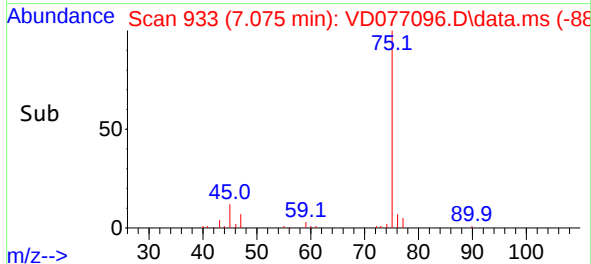
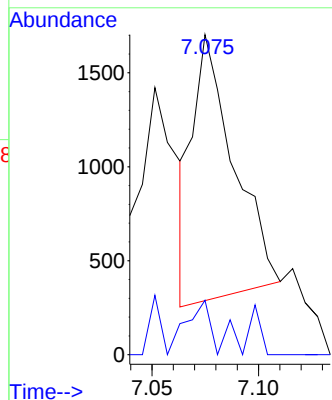
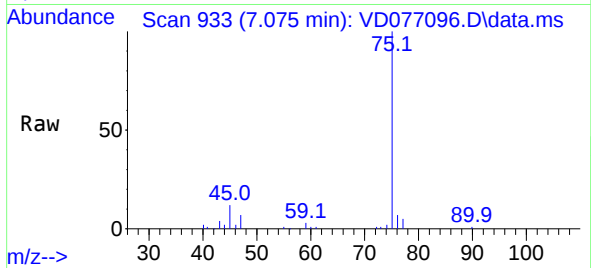




#22  
2-Butanone  
Concen: 1.259 ug/L  
RT: 7.075 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VD077096.D  
Acq: 12 Sep 2023 16:52

Instrument :  
MSVOA\_D  
ClientSampleId :

Tgt Ion: 43 Resp: 1890  
Ion Ratio Lower Upper  
43 100  
72 12.0 16.0 48.0#



#34  
Trichloroethene  
Concen: 1.937 ug/L  
RT: 8.775 min Scan# 1222  
Delta R.T. -0.253 min  
Lab File: VD077096.D  
Acq: 12 Sep 2023 16:52

Tgt Ion: 95 Resp: 8585  
Ion Ratio Lower Upper  
95 100  
97 0.0 46.4 86.2#  
132 0.0 70.1 130.1#  
130 0.0 72.4 134.5#

