

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV090823\  
 Data File : VV031982.D  
 Acq On : 08 Sep 2023 13:53  
 Operator : SY/MD  
 Sample : PB155394TB 10X  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Sep 09 05:35:40 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082323WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Sep 09 05:33:49 2023  
 Response via : Initial Calibration

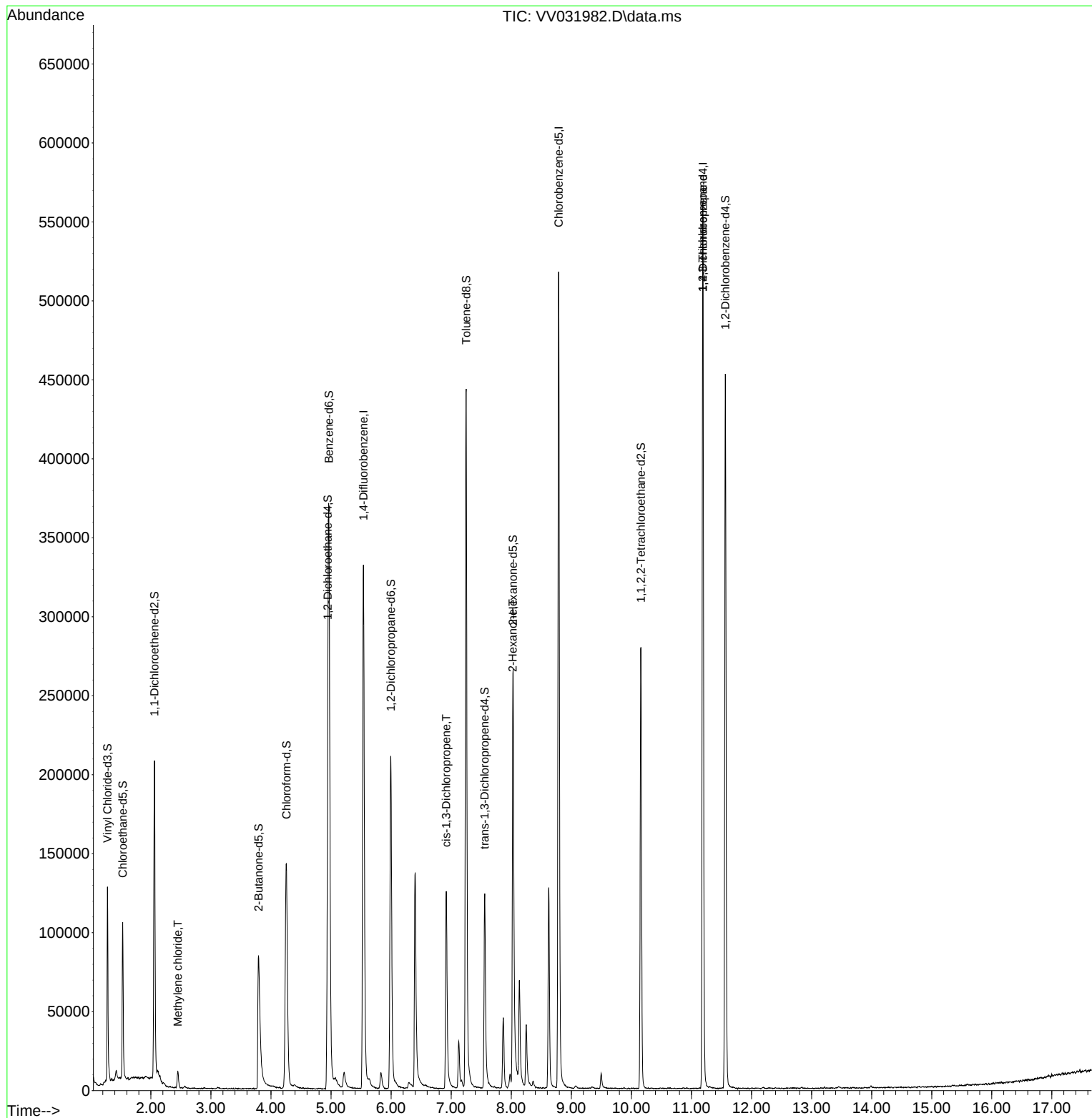
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.538          | 114  | 284802     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.789          | 117  | 270911     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.191         | 152  | 137480     | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278          | 65   | 81950      | 45.978   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 91.960%  |        |          |
| 7) Chloroethane-d5            | 1.532          | 69   | 66439      | 42.522   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 85.040%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.059          | 65   | 34637      | 41.501   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 83.000%  |        |          |
| 21) 2-Butanone-d5             | 3.793          | 46   | 136248     | 97.192   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 97.190%  |        |          |
| 24) Chloroform-d              | 4.256          | 84   | 152287     | 39.090   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 78.180%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 4.947          | 65   | 103488     | 40.028   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 80.060%  |        |          |
| 32) Benzene-d6                | 4.963          | 84   | 327987     | 44.368   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 88.740%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 5.995          | 67   | 106148     | 44.612   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 89.220%  |        |          |
| 41) Toluene-d8                | 7.249          | 98   | 298070     | 43.761   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 87.520%  |        |          |
| 43) trans-1,3-Dichloroprop... | 7.558          | 79   | 51318      | 41.612   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 83.220%  |        |          |
| 47) 2-Hexanone-d5             | 8.030          | 63   | 92736      | 127.164  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 127.160% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.159         | 84   | 138675     | 45.102   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 90.200%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.564         | 152  | 108630     | 43.345   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 86.680%  |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 16) Methylene chloride        | 2.449          | 84   | 4245       | 2.213    | ug/L   | 94       |
| 39) cis-1,3-Dichloropropene   | 6.918          | 75   | 3157       | 0.880    | ug/L # | 66       |
| 48) 2-Hexanone                | 8.024          | 43   | 21049      | 8.417    | ug/L # | 54       |
| 61) 1,2,3-Trichloropropane    | 11.188         | 75   | 18447      | 7.102    | ug/L # | 68       |
| -----                         |                |      |            |          |        |          |

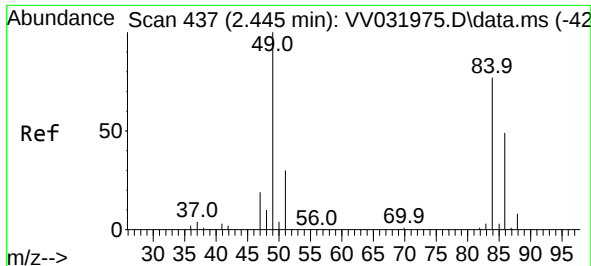
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

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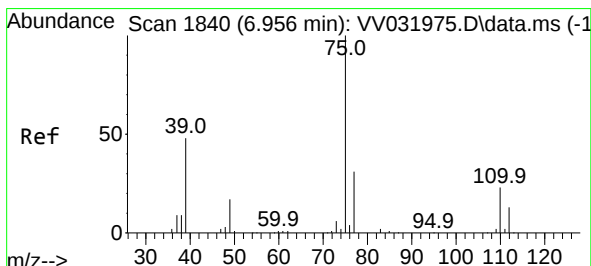
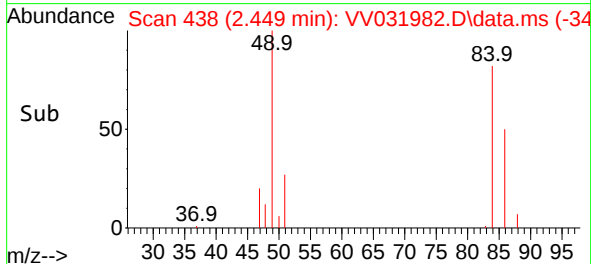
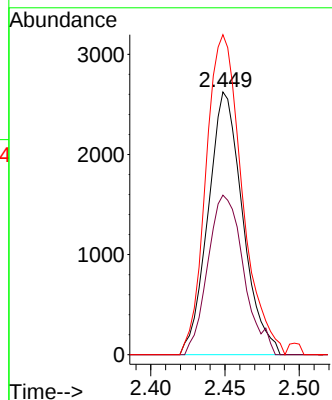
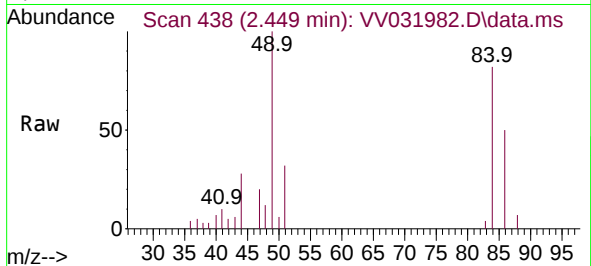




#16  
Methylene chloride  
Concen: 2.213 ug/L  
RT: 2.449 min Scan# 41  
Delta R.T. 0.003 min  
Lab File: VV031982.D  
Acq: 08 Sep 2023 13:53

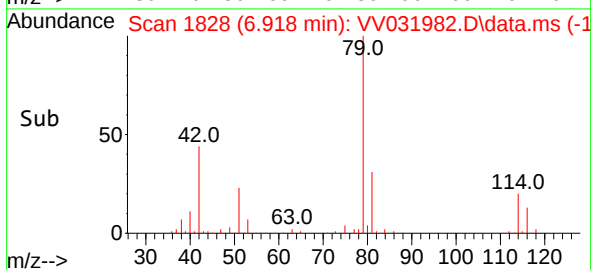
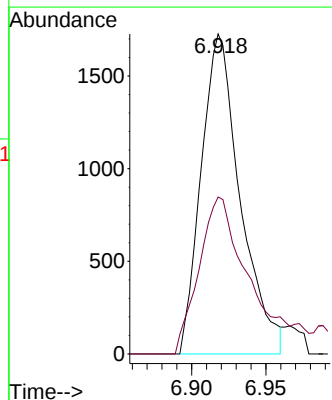
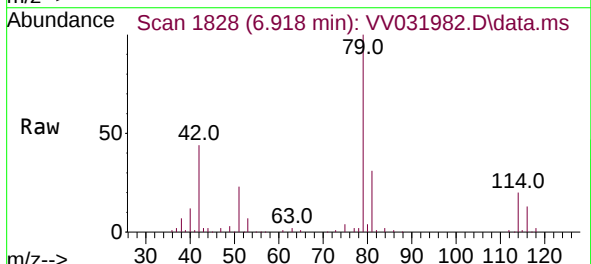
Instrument :  
MSVOA\_V  
ClientSampleId :

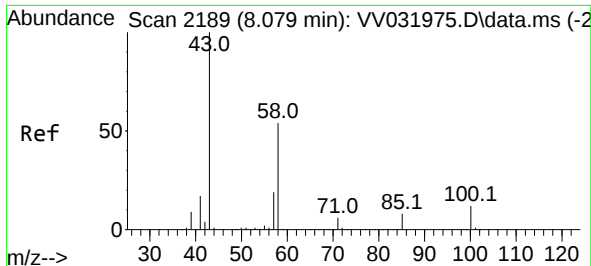
Tgt Ion: 84 Resp: 4245  
Ion Ratio Lower Upper  
84 100  
86 60.7 44.6 82.8  
49 121.8 91.6 170.2



#39  
cis-1,3-Dichloropropene  
Concen: 0.880 ug/L  
RT: 6.918 min Scan# 1828  
Delta R.T. -0.039 min  
Lab File: VV031982.D  
Acq: 08 Sep 2023 13:53

Tgt Ion: 75 Resp: 3157  
Ion Ratio Lower Upper  
75 100  
77 49.0 21.4 39.8#

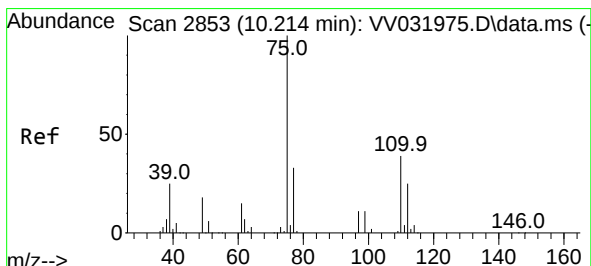
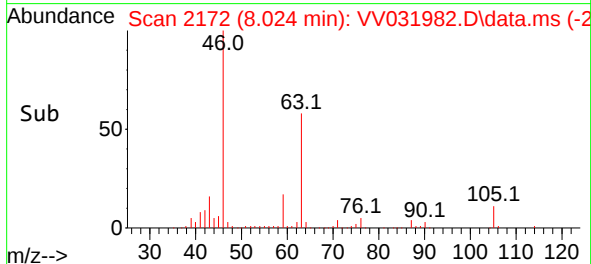
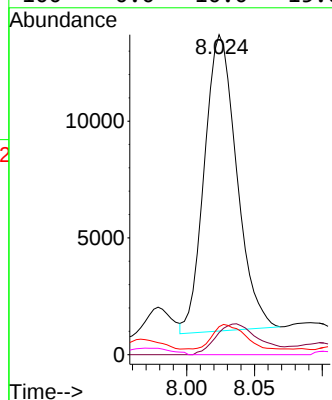
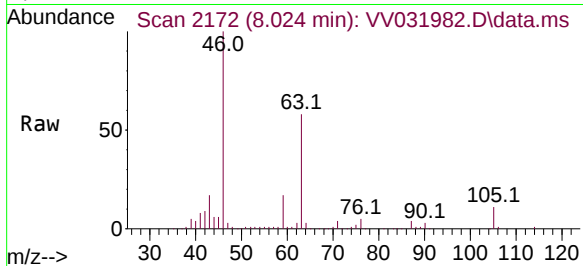




#48  
2-Hexanone  
Concen: 8.417 ug/L  
RT: 8.024 min Scan# 2189  
Delta R.T. -0.055 min  
Lab File: VV031982.D  
Acq: 08 Sep 2023 13:53

Instrument :  
MSVOA\_V  
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Tgt Ion: 43 Resp: 21049  
Ion Ratio Lower Upper  
43 100  
58 13.9 44.0 66.0#  
57 9.0 15.9 23.9#  
100 0.0 10.0 15.0#



#61  
1,2,3-Trichloropropane  
Concen: 7.102 ug/L  
RT: 11.188 min Scan# 3156  
Delta R.T. 0.974 min  
Lab File: VV031982.D  
Acq: 08 Sep 2023 13:53

Tgt Ion: 75 Resp: 18447  
Ion Ratio Lower Upper  
75 100  
77 31.5 25.7 38.5  
110 3.1 30.3 45.5#

