

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV082323\  
 Data File : VV031866.D  
 Acq On : 23 Aug 2023 13:41  
 Operator : SY/MD  
 Sample : 04034-03  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EZYX2

Quant Time: Aug 24 01:57:07 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082323WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Aug 24 01:40:47 2023  
 Response via : Initial Calibration

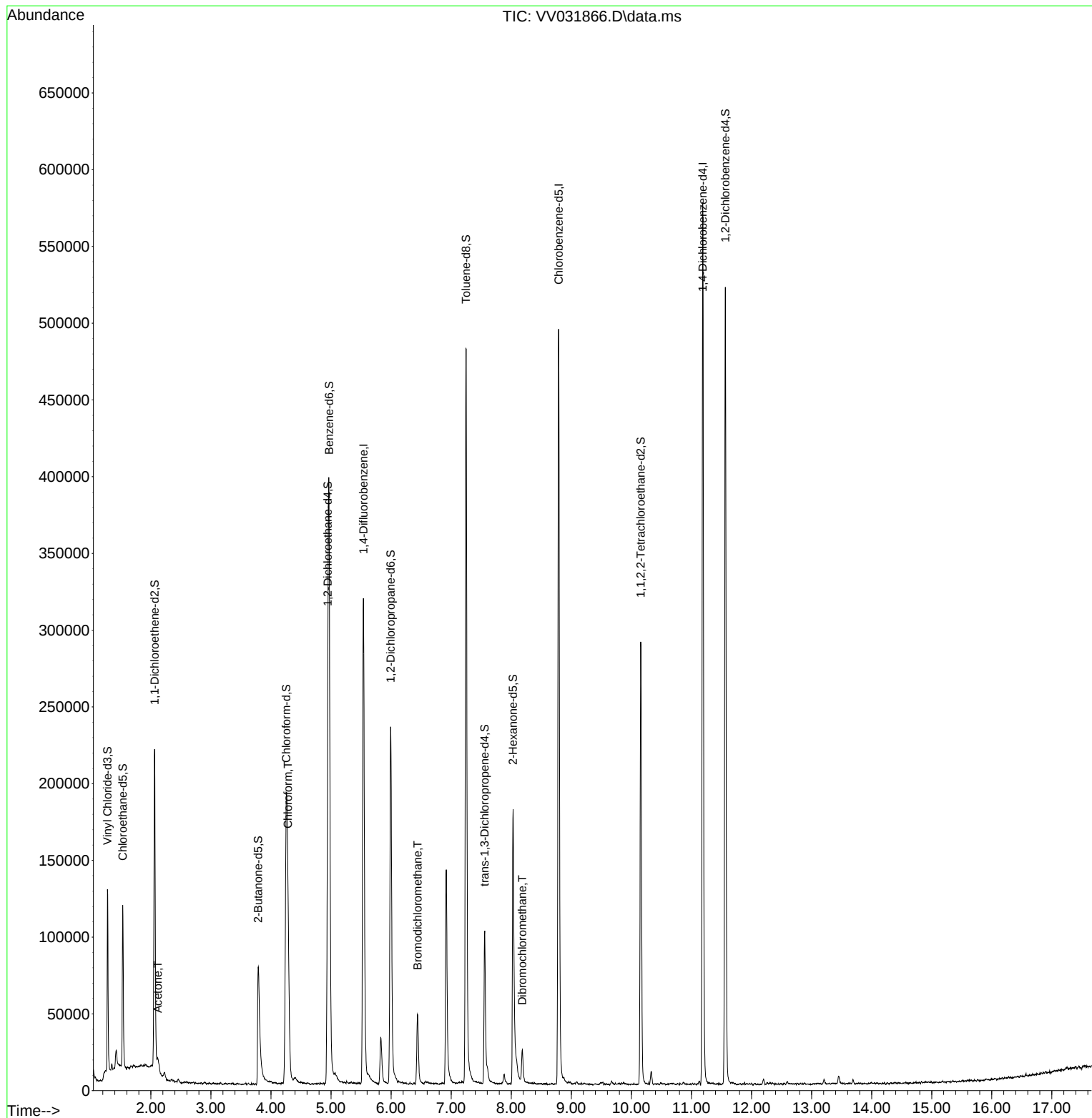
| Compound                      | R.T.           | QIon | Response   | Conc    | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|-------|----------|
| -----                         |                |      |            |         |       |          |
| Internal Standards            |                |      |            |         |       |          |
| 1) 1,4-Difluorobenzene        | 5.538          | 114  | 272055     | 50.000  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.789          | 117  | 269261     | 50.000  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.188         | 152  | 140890     | 50.000  | ug/L  | 0.00     |
|                               |                |      |            |         |       |          |
| System Monitoring Compounds   |                |      |            |         |       |          |
| 4) Vinyl Chloride-d3          | 1.278          | 65   | 76751      | 45.078  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 90.160% |       |          |
| 7) Chloroethane-d5            | 1.532          | 69   | 70091      | 46.961  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 93.920% |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.063          | 65   | 35656      | 44.724  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 89.440% |       |          |
| 21) 2-Butanone-d5             | 3.786          | 46   | 127447     | 95.173  | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 95.170% |       |          |
| 24) Chloroform-d              | 4.252          | 84   | 174455     | 46.878  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 93.760% |       |          |
| 26) 1,2-Dichloroethane-d4     | 4.947          | 65   | 116847     | 47.312  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 94.620% |       |          |
| 32) Benzene-d6                | 4.966          | 84   | 349331     | 47.545  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 95.100% |       |          |
| 36) 1,2-Dichloropropane-d6    | 5.992          | 67   | 114983     | 48.621  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 97.240% |       |          |
| 41) Toluene-d8                | 7.246          | 98   | 320289     | 47.311  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 94.620% |       |          |
| 43) trans-1,3-Dichloroprop... | 7.558          | 79   | 57572      | 46.970  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 93.940% |       |          |
| 47) 2-Hexanone-d5             | 8.030          | 63   | 64666      | 89.216  | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 89.220% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.156         | 84   | 142746     | 46.711  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 93.420% |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.564         | 152  | 126805     | 49.372  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 98.740% |       |          |
|                               |                |      |            |         |       |          |
| Target Compounds              |                |      |            |         |       | Qvalue   |
| 13) Acetone                   | 2.114          | 43   | 5344       | 4.484   | ug/L  | 89       |
| 25) Chloroform                | 4.281          | 83   | 95807      | 26.303  | ug/L  | 99       |
| 38) Bromodichloromethane      | 6.439          | 83   | 33250      | 11.423  | ug/L  | 100      |
| 49) Dibromochloromethane      | 8.185          | 129  | 11172      | 5.248   | ug/L  | 98       |
| -----                         |                |      |            |         |       |          |

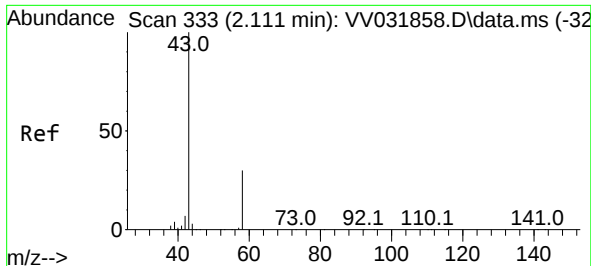
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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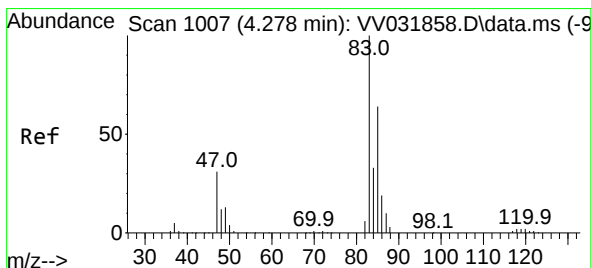
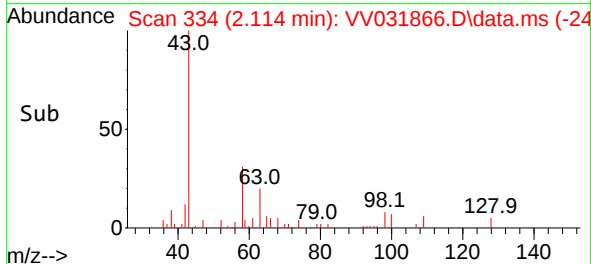
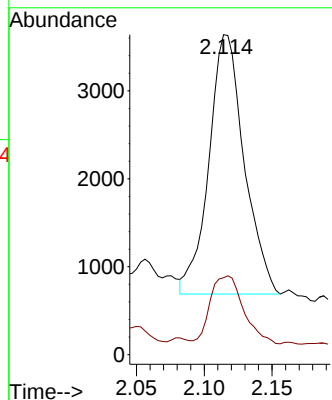
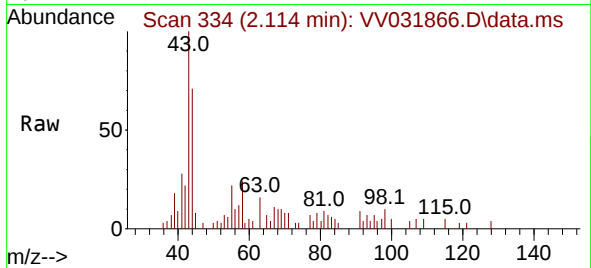




#13  
Acetone  
Concen: 4.484 ug/L  
RT: 2.114 min Scan# 31  
Delta R.T. 0.003 min  
Lab File: VV031866.D  
Acq: 23 Aug 2023 13:41

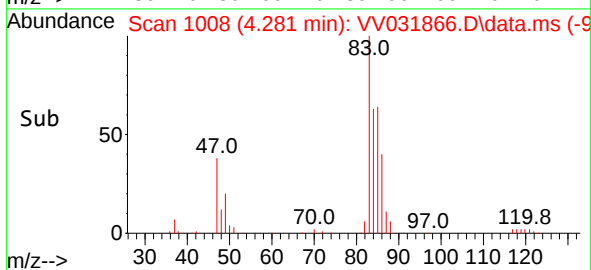
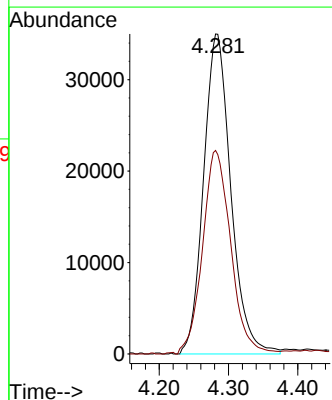
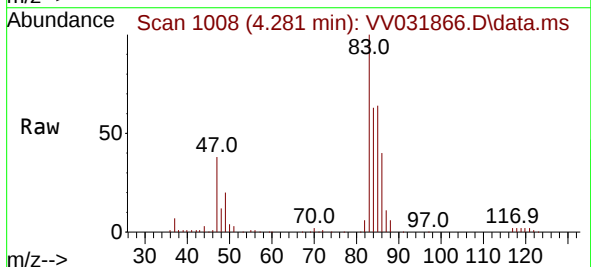
Instrument :  
MSVOA\_V  
ClientSampleId :  
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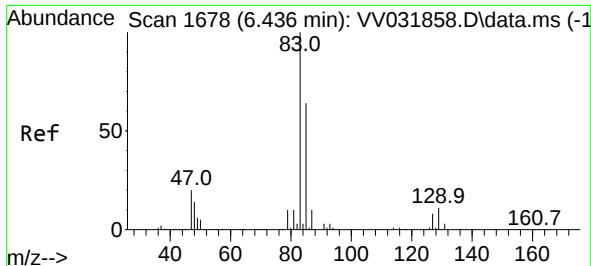
Tgt Ion: 43 Resp: 5344  
Ion Ratio Lower Upper  
43 100  
58 24.6 0.0 61.0



#25  
Chloroform  
Concen: 26.303 ug/L  
RT: 4.281 min Scan# 1008  
Delta R.T. 0.003 min  
Lab File: VV031866.D  
Acq: 23 Aug 2023 13:41

Tgt Ion: 83 Resp: 95807  
Ion Ratio Lower Upper  
83 100  
85 63.6 44.9 83.3

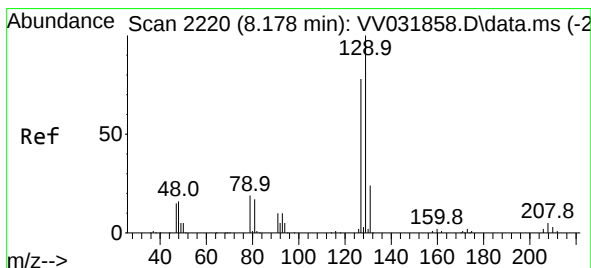
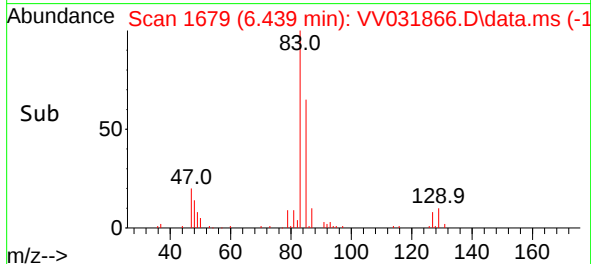
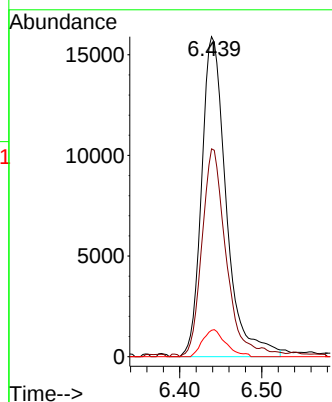
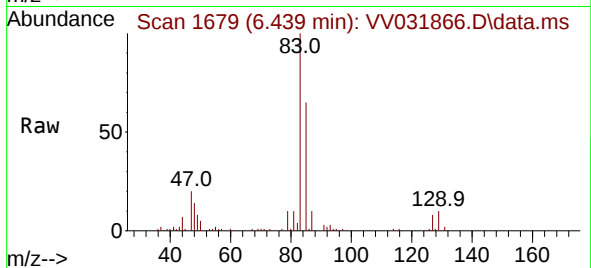




#38  
Bromodichloromethane  
Concen: 11.423 ug/L  
RT: 6.439 min Scan# 1  
Delta R.T. 0.003 min  
Lab File: VV031866.D  
Acq: 23 Aug 2023 13:41

Instrument :  
MSVOA\_V  
ClientSampleId :  
EZYX2

Tgt Ion: 83 Resp: 33250  
Ion Ratio Lower Upper  
83 100  
85 64.9 45.2 84.0  
127 8.3 6.3 9.5



#49  
Dibromochloromethane  
Concen: 5.248 ug/L  
RT: 8.185 min Scan# 2222  
Delta R.T. 0.006 min  
Lab File: VV031866.D  
Acq: 23 Aug 2023 13:41

Tgt Ion: 129 Resp: 11172  
Ion Ratio Lower Upper  
129 100  
127 76.1 54.7 101.7

