

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV120823\  
 Data File : VV033178.D  
 Acq On : 08 Dec 2023 10:25  
 Operator : SY/MD  
 Sample : VV1208WBL01  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Dec 08 21:58:37 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM120123WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Dec 08 21:51:12 2023  
 Response via : Initial Calibration

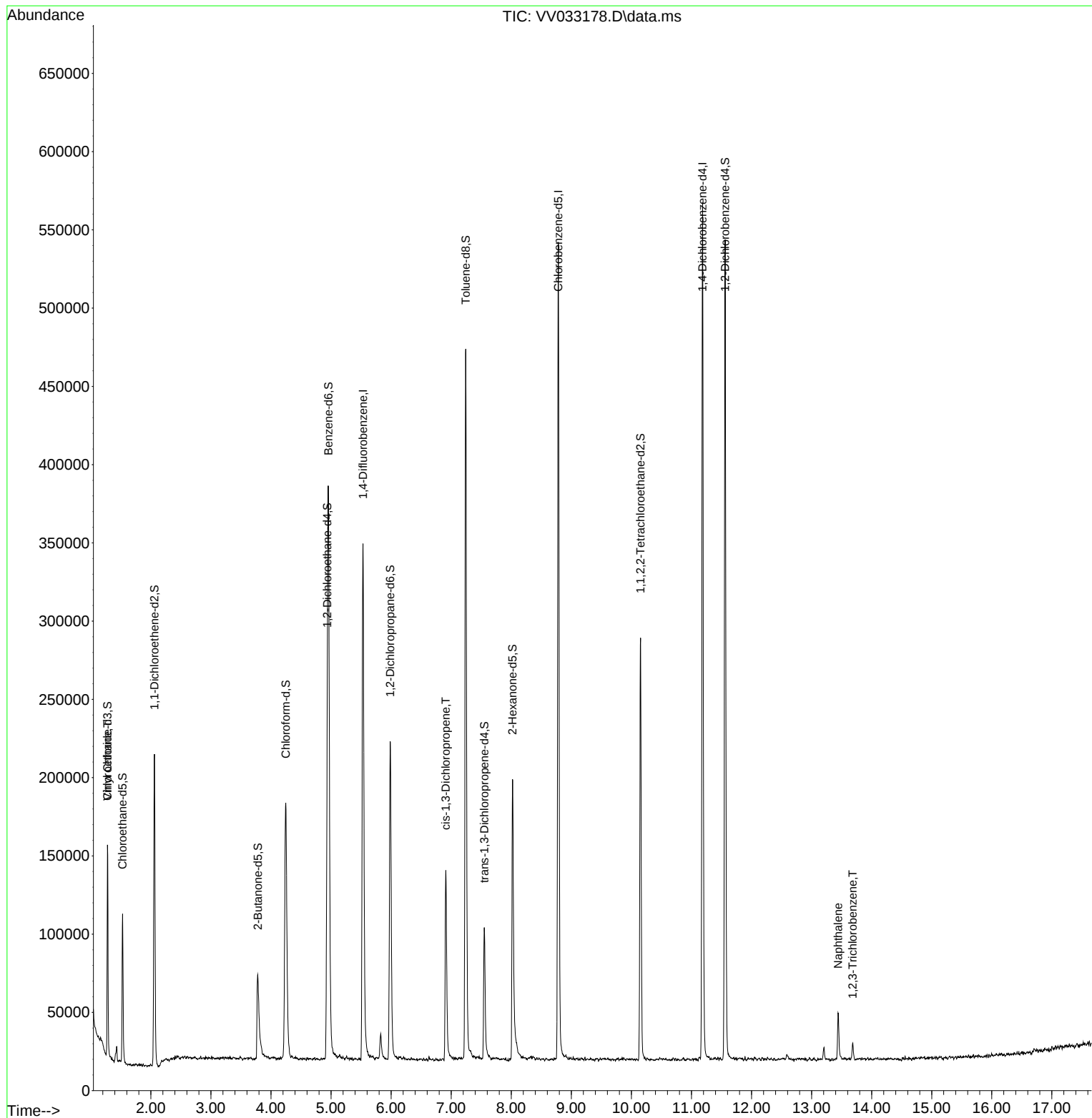
| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.532          | 114  | 302670     | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.783          | 117  | 303141     | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185         | 152  | 152989     | 50.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.278          | 65   | 83585      | 46.196   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 92.400%  |       |          |
| 7) Chloroethane-d5            | 1.529          | 69   | 61917      | 49.113   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 98.220%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.060          | 65   | 32244      | 46.844   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 93.680%  |       |          |
| 21) 2-Butanone-d5             | 3.780          | 46   | 80856      | 89.973   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 89.970%  |       |          |
| 24) Chloroform-d              | 4.246          | 84   | 180297     | 46.955   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 93.900%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 4.937          | 65   | 117007     | 49.012   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 98.020%  |       |          |
| 32) Benzene-d6                | 4.957          | 84   | 339220     | 47.846   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 95.700%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 5.986          | 67   | 90877      | 47.673   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 95.340%  |       |          |
| 41) Toluene-d8                | 7.243          | 98   | 309965     | 45.831   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 91.660%  |       |          |
| 43) trans-1,3-Dichloroprop... | 7.551          | 79   | 51993      | 43.133   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 86.260%  |       |          |
| 47) 2-Hexanone-d5             | 8.021          | 63   | 61537      | 80.355   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 80.350%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153         | 84   | 117739     | 43.449   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 86.900%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.561         | 152  | 142069     | 52.192   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 104.380% |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 8) Chloroethane               | 1.278          | 64   | 1236       | 1.109    | ug/L  | # 1      |
| 39) cis-1,3-Dichloropropene   | 6.908          | 75   | 3880       | 1.203    | ug/L  | 84       |
| 71) Naphthalene               | 13.442         | 128  | 26385      | 3.102    | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.683         | 180  | 3577       | 1.063    | ug/L  | 94       |
| -----                         |                |      |            |          |       |          |

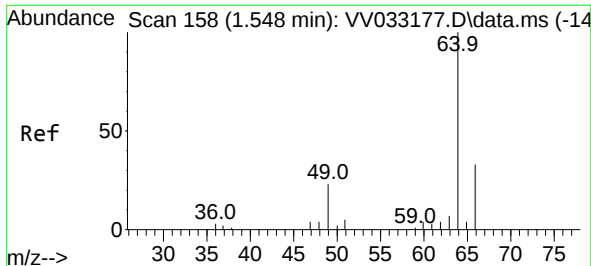
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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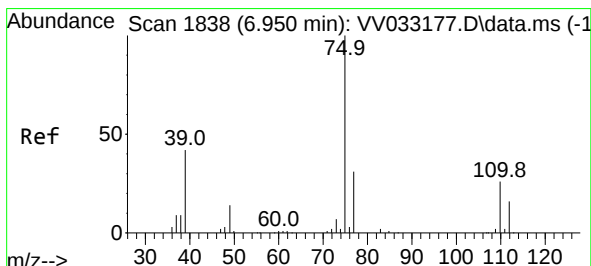
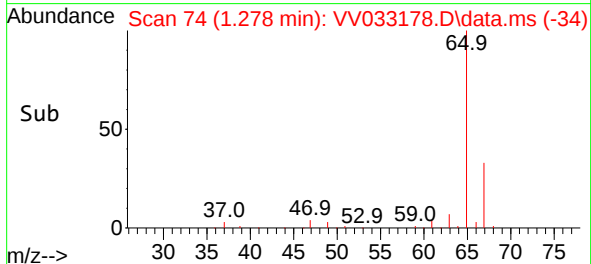
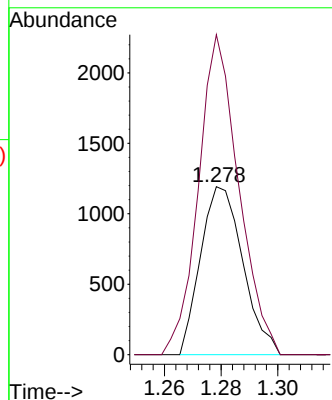
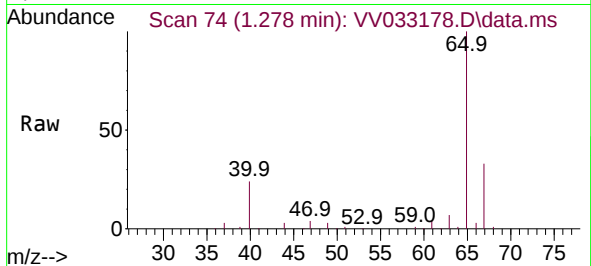




#8  
Chloroethane  
Concen: 1.109 ug/L  
RT: 1.278 min Scan# 74  
Delta R.T. -0.270 min  
Lab File: VV033178.D  
Acq: 08 Dec 2023 10:25

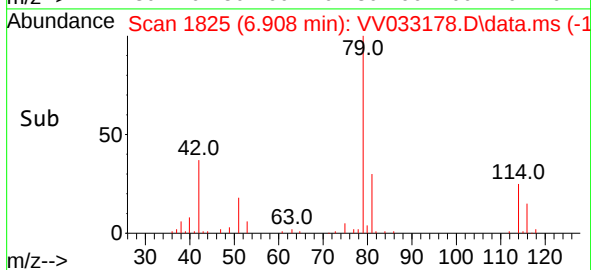
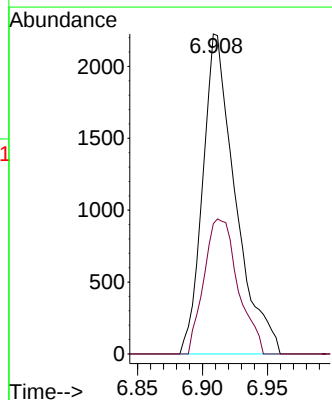
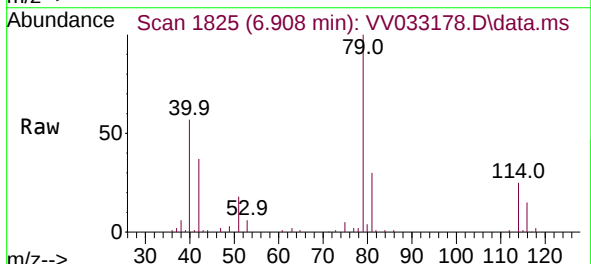
Instrument :  
MSVOA\_V  
ClientSampleId :

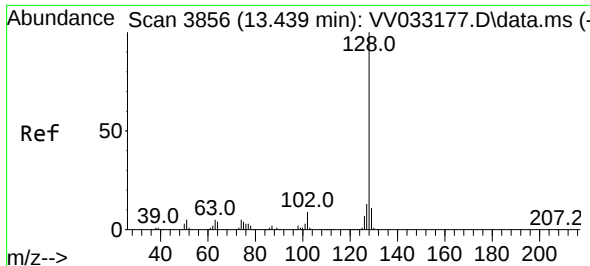
Tgt Ion: 64 Resp: 1236  
Ion Ratio Lower Upper  
64 100  
66 190.5 22.3 41.5#



#39  
cis-1,3-Dichloropropene  
Concen: 1.203 ug/L  
RT: 6.908 min Scan# 1825  
Delta R.T. -0.042 min  
Lab File: VV033178.D  
Acq: 08 Dec 2023 10:25

Tgt Ion: 75 Resp: 3880  
Ion Ratio Lower Upper  
75 100  
77 40.7 22.4 41.6

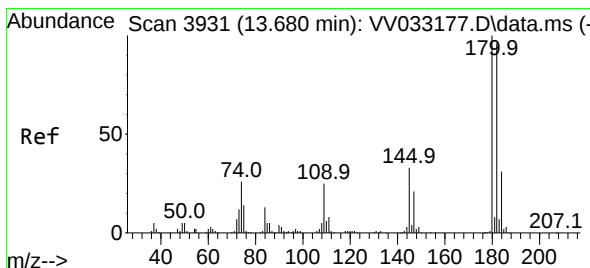
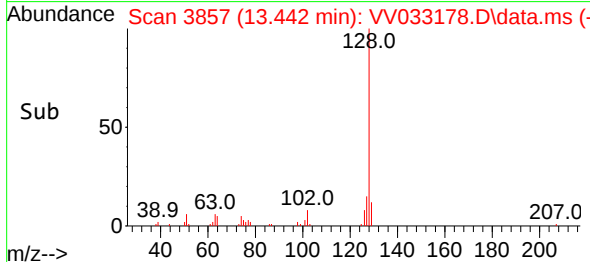
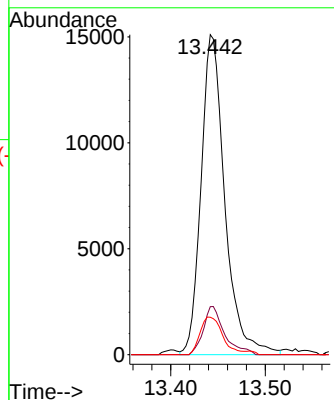
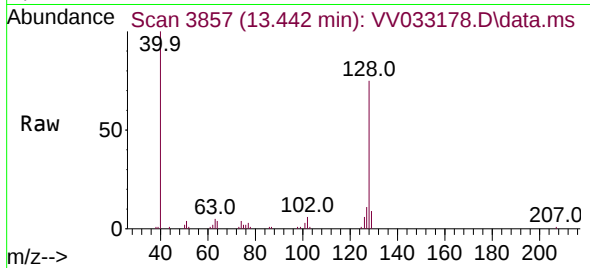




#71  
Naphthalene  
Concen: 3.102 ug/L  
RT: 13.442 min Scan# 3856  
Delta R.T. 0.003 min  
Lab File: VV033178.D  
Acq: 08 Dec 2023 10:25

Instrument :  
MSVOA\_V  
ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:128 | Resp: | 26385     |
| Ion Ratio   | Lower | Upper     |
| 128         | 100   |           |
| 127         | 13.4  | 10.6 16.0 |
| 129         | 11.1  | 8.6 13.0  |



#72  
1,2,3-Trichlorobenzene  
Concen: 1.063 ug/L  
RT: 13.683 min Scan# 3932  
Delta R.T. 0.003 min  
Lab File: VV033178.D  
Acq: 08 Dec 2023 10:25

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 3577       |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 100.0 | 75.2 112.8 |
| 145         | 28.2  | 24.9 37.3  |

