

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV082724\  
 Data File : VV037109.D  
 Acq On : 28 Aug 2024 00:08  
 Operator : SY/MD  
 Sample : P3693-14  
 Misc : 5.00mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Aug 28 06:15:40 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082624WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Aug 28 05:52:22 2024  
 Response via : Initial Calibration

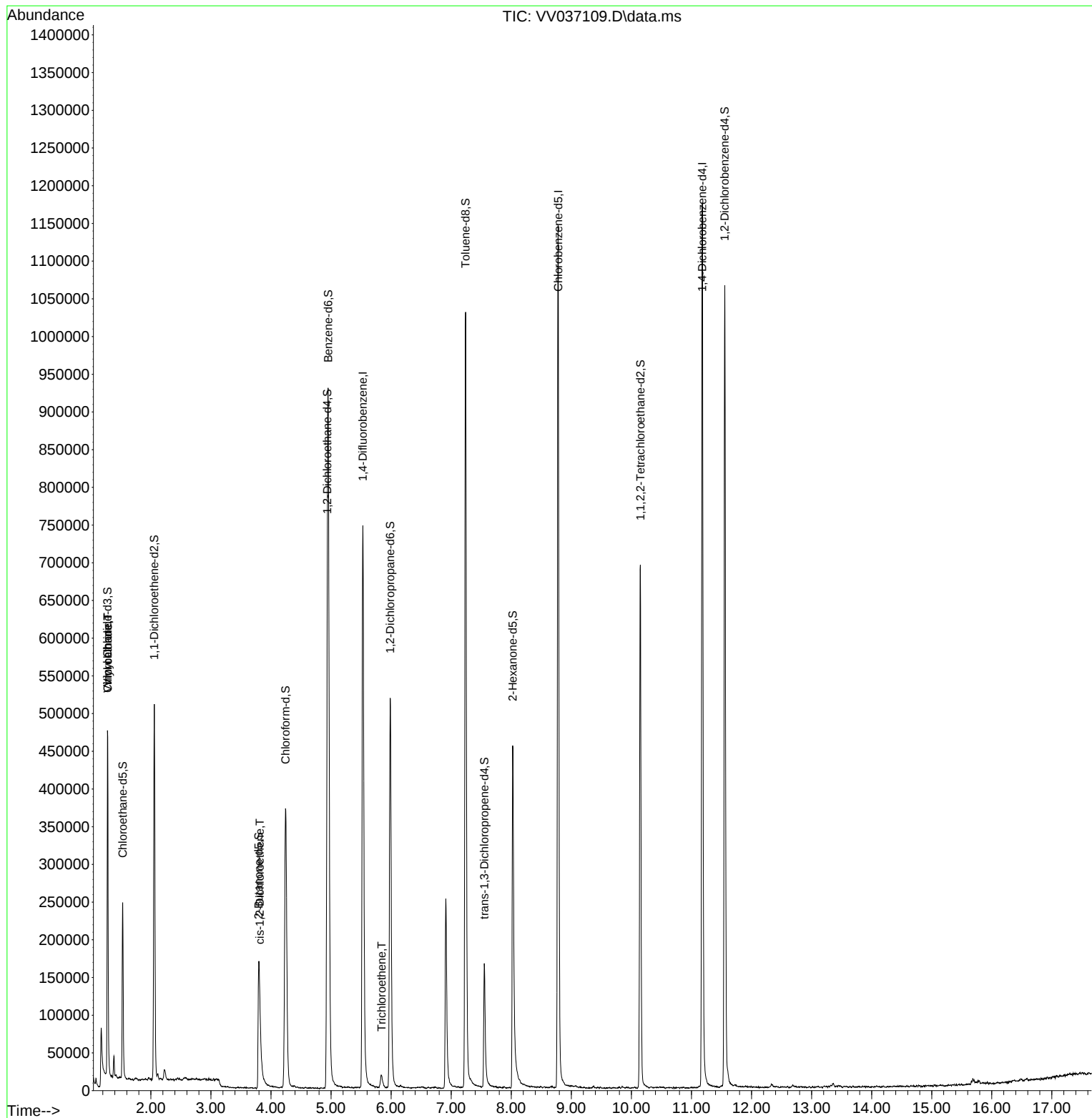
| Compound                      | R.T. QIon      |     | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|-----|------------|----------|--------|----------|
| -----                         |                |     |            |          |        |          |
| Internal Standards            |                |     |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.529          | 114 | 649138     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.779          | 117 | 614769     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.181         | 152 | 295201     | 50.000   | ug/L   | 0.00     |
|                               |                |     |            |          |        |          |
| System Monitoring Compounds   |                |     |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278          | 65  | 167867     | 28.270   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |     | Recovery = | 56.540%  | #      |          |
| 7) Chloroethane-d5            | 1.532          | 69  | 158343     | 34.503   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |     | Recovery = | 69.000%  | #      |          |
| 11) 1,1-Dichloroethene-d2     | 2.056          | 65  | 82681      | 33.128   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |     | Recovery = | 66.260%  |        |          |
| 21) 2-Butanone-d5             | 3.796          | 46  | 231833     | 100.818  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |     | Recovery = | 100.820% |        |          |
| 24) Chloroform-d              | 4.243          | 84  | 395264     | 42.531   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |     | Recovery = | 85.060%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 4.937          | 65  | 259272     | 44.300   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |     | Recovery = | 88.600%  |        |          |
| 32) Benzene-d6                | 4.953          | 84  | 779067     | 41.957   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |     | Recovery = | 83.920%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 5.985          | 67  | 258314     | 44.415   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |     | Recovery = | 88.840%  |        |          |
| 41) Toluene-d8                | 7.239          | 98  | 695252     | 41.487   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |     | Recovery = | 82.980%  |        |          |
| 43) trans-1,3-Dichloroprop... | 7.551          | 79  | 97247      | 36.142   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |     | Recovery = | 72.280%  |        |          |
| 47) 2-Hexanone-d5             | 8.024          | 63  | 165516     | 104.278  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |     | Recovery = | 104.280% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149         | 84  | 341691     | 48.442   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |     | Recovery = | 96.880%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.554         | 152 | 261847     | 44.289   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |     | Recovery = | 88.580%  |        |          |
|                               |                |     |            |          |        |          |
| Target Compounds              |                |     |            |          |        | Qvalue   |
| 5) Vinyl chloride             | 1.281          | 62  | 146652     | 25.323   | ug/L   | 91       |
| 8) Chloroethane               | 1.281          | 64  | 54510      | 15.388   | ug/L # | 54       |
| 20) cis-1,2-Dichloroethene    | 3.812          | 96  | 15504      | 3.191    | ug/L   | 94       |
| 34) Trichloroethene           | 5.844          | 95  | 5757       | 1.229    | ug/L   | 91       |
| -----                         |                |     |            |          |        |          |

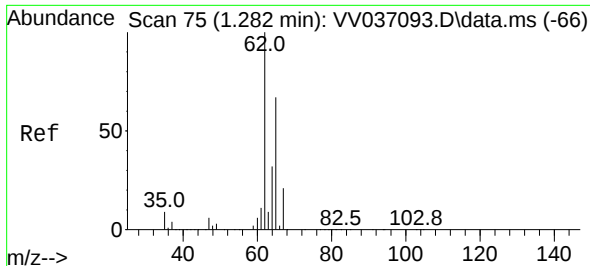
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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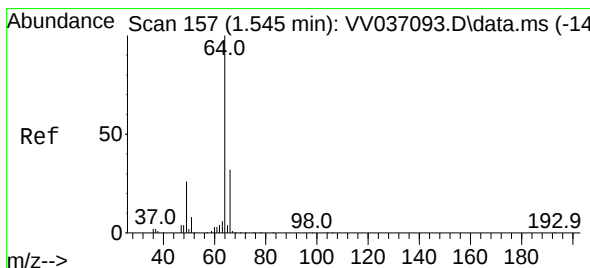
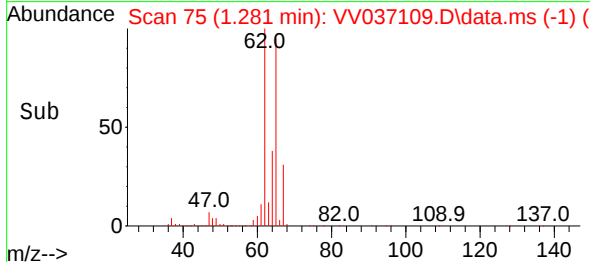
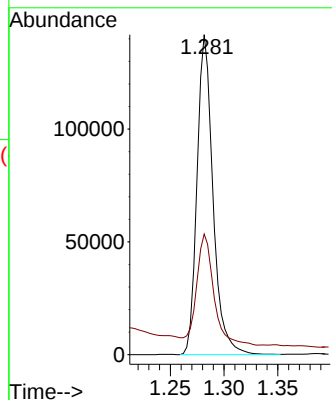
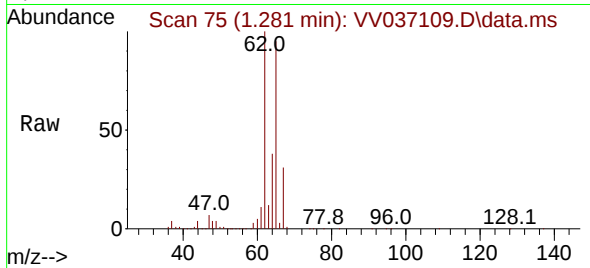
#5  
 Vinyl chloride  
 Concen: 25.323 ug/L  
 RT: 1.281 min Scan# 75  
 Delta R.T. -0.000 min  
 Lab File: VV037109.D  
 Acq: 28 Aug 2024 00:08

Instrument :

MSVOA\_V

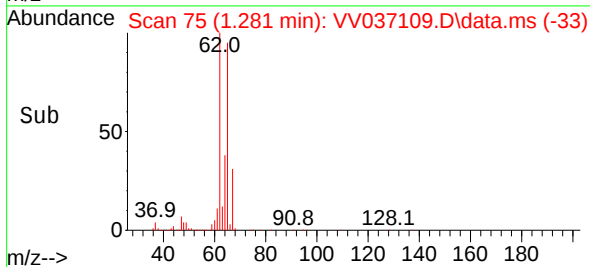
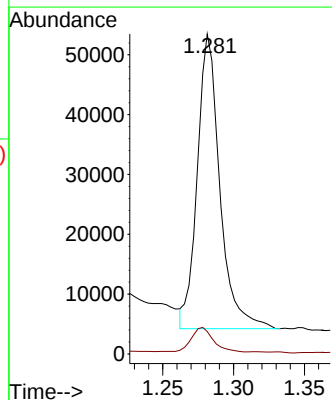
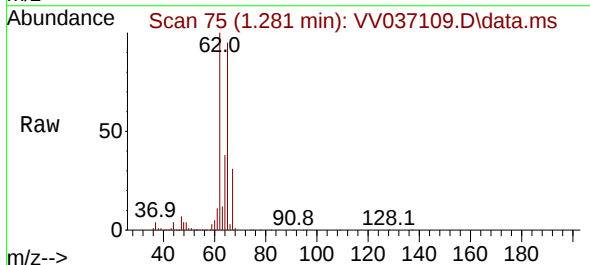
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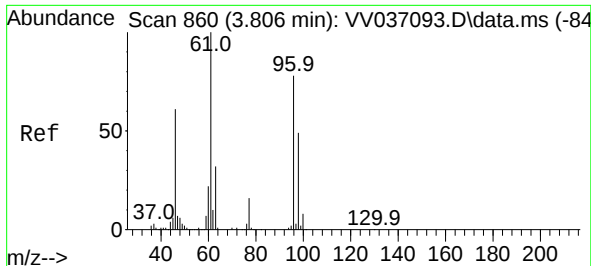
Tgt Ion: 62 Resp: 146652  
 Ion Ratio Lower Upper  
 62 100  
 64 37.7 22.8 42.4



#8  
 Chloroethane  
 Concen: 15.388 ug/L  
 RT: 1.281 min Scan# 75  
 Delta R.T. -0.264 min  
 Lab File: VV037109.D  
 Acq: 28 Aug 2024 00:08

Tgt Ion: 64 Resp: 54510  
 Ion Ratio Lower Upper  
 64 100  
 66 7.0 22.8 42.4#





#20

cis-1,2-Dichloroethene

Concen: 3.191 ug/L

RT: 3.812 min Scan# 862

Delta R.T. 0.006 min

Lab File: VV037109.D

Acq: 28 Aug 2024 00:08

Instrument :

MSVOA\_V

ClientSampleId :

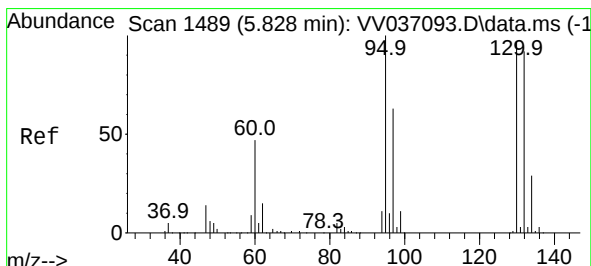
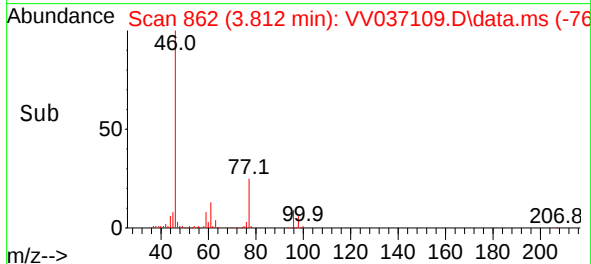
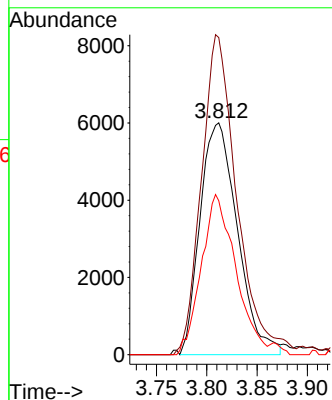
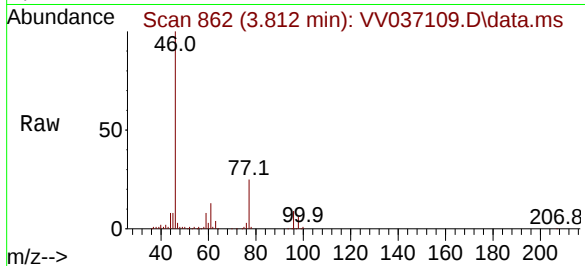
Tgt Ion: 96 Resp: 15504

Ion Ratio Lower Upper

96 100

61 136.8 89.9 166.9

98 66.4 44.8 83.2



#34

Trichloroethene

Concen: 1.229 ug/L

RT: 5.844 min Scan# 1494

Delta R.T. 0.016 min

Lab File: VV037109.D

Acq: 28 Aug 2024 00:08

Tgt Ion: 95 Resp: 5757

Ion Ratio Lower Upper

95 100

97 57.2 44.4 82.5

132 93.2 64.9 120.5

130 81.2 69.4 129.0

