

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV082824\  
 Data File : VV037125.D  
 Acq On : 28 Aug 2024 12:25  
 Operator : SY/MD  
 Sample : P3693-23  
 Misc : 5.00mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Aug 29 04:45:18 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082624WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Aug 29 04:43:38 2024  
 Response via : Initial Calibration

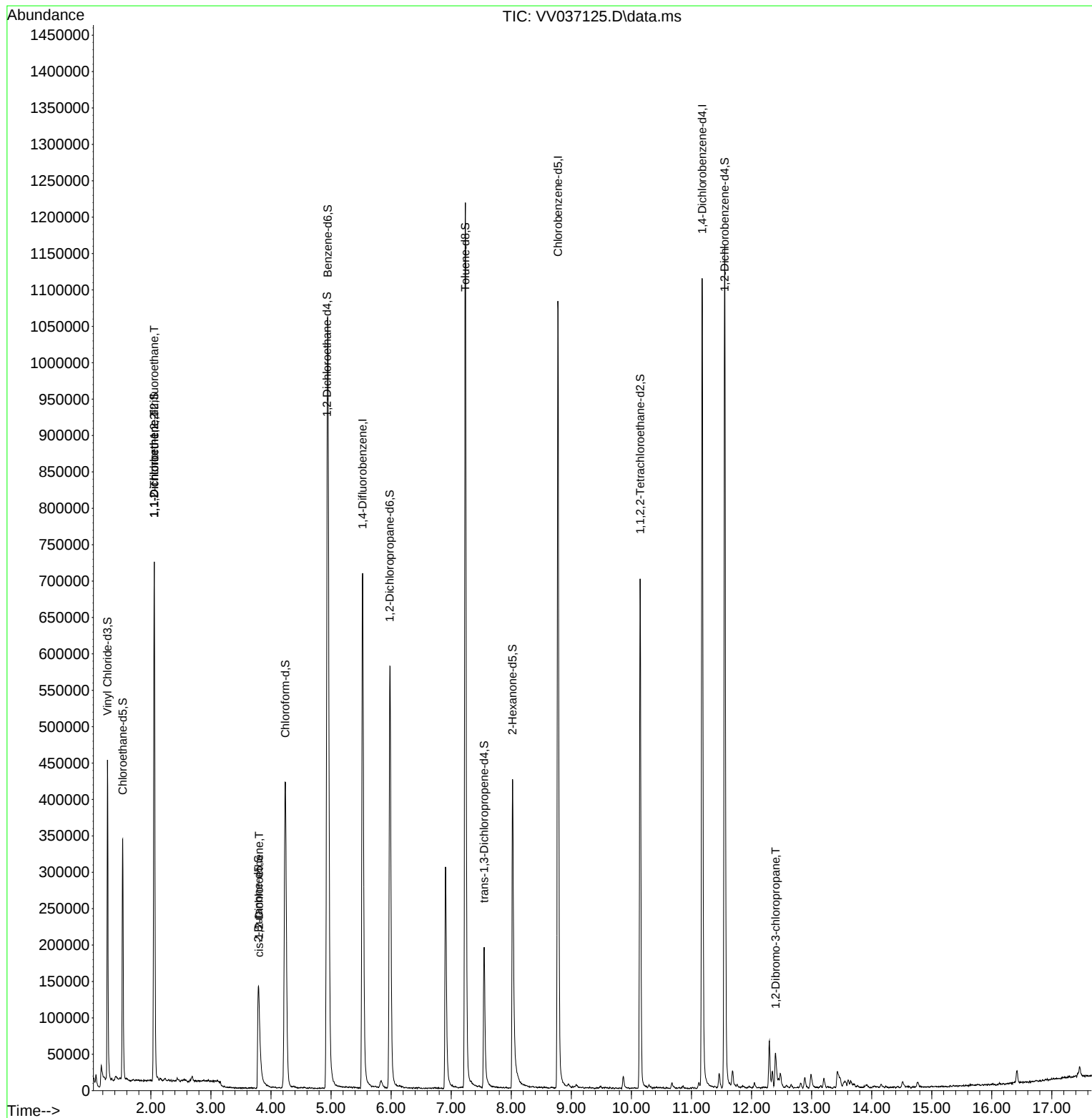
| Compound                      | R.T.           | QIon | Response            | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|---------------------|---------|--------|----------|
| -----                         |                |      |                     |         |        |          |
| Internal Standards            |                |      |                     |         |        |          |
| 1) 1,4-Difluorobenzene        | 5.526          | 114  | 604684              | 50.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.776          | 117  | 580474              | 50.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.178         | 152  | 277862              | 50.000  | ug/L   | 0.00     |
|                               |                |      |                     |         |        |          |
| System Monitoring Compounds   |                |      |                     |         |        |          |
| 4) Vinyl Chloride-d3          | 1.278          | 65   | 285573              | 51.628  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = 103.260% |         |        |          |
| 7) Chloroethane-d5            | 1.532          | 69   | 220770              | 51.642  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = 103.280% |         |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.056          | 65   | 120368              | 51.774  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 103.540% |         |        |          |
| 21) 2-Butanone-d5             | 3.789          | 46   | 221650              | 103.476 | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = 103.480% |         |        |          |
| 24) Chloroform-d              | 4.240          | 84   | 447766              | 51.722  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 103.440% |         |        |          |
| 26) 1,2-Dichloroethane-d4     | 4.934          | 65   | 287964              | 52.820  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 105.640% |         |        |          |
| 32) Benzene-d6                | 4.947          | 84   | 907013              | 51.733  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 103.460% |         |        |          |
| 36) 1,2-Dichloropropane-d6    | 5.979          | 67   | 284836              | 51.869  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = 103.740% |         |        |          |
| 41) Toluene-d8                | 7.236          | 98   | 806044              | 50.940  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 101.880% |         |        |          |
| 43) trans-1,3-Dichloroprop... | 7.548          | 79   | 120035              | 47.247  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 94.500%  |         |        |          |
| 47) 2-Hexanone-d5             | 8.021          | 63   | 150282              | 100.274 | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = 100.270% |         |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.146         | 84   | 333454              | 50.068  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = 100.140% |         |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.554         | 152  | 289275              | 51.981  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 103.960% |         |        |          |
|                               |                |      |                     |         |        |          |
| Target Compounds              |                |      |                     |         |        | Qvalue   |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.056          | 101  | 3803                | 0.908   | ug/L # | 28       |
| 12) 1,1-Dichloroethene        | 2.056          | 96   | 3306                | 0.838   | ug/L # | 1        |
| 20) cis-1,2-Dichloroethene    | 3.802          | 96   | 7238                | 1.599   | ug/L   | 92       |
| 68) 1,2-Dibromo-3-chloropr... | 12.400         | 75   | 1456                | 1.351   | ug/L # | 4        |
| -----                         |                |      |                     |         |        |          |

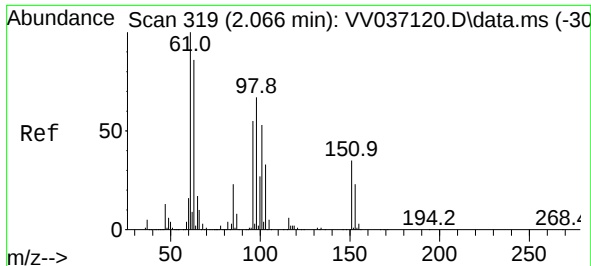
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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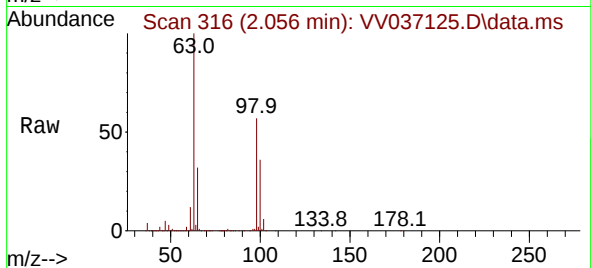
Quant Time: Aug 29 04:45:18 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082624WMA.M  
Quant Title : VOC Analysis  
QLast Update : Thu Aug 29 04:43:38 2024  
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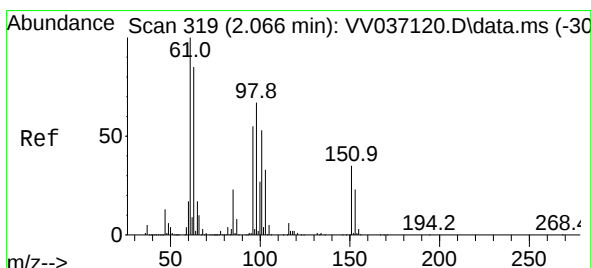
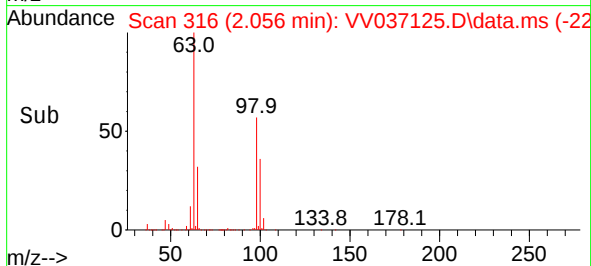
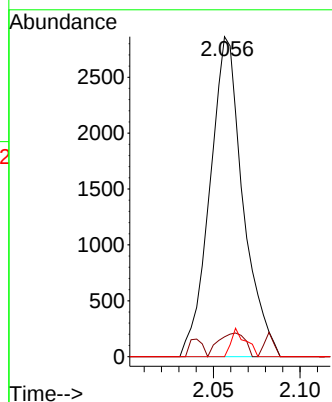


#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 0.908 ug/L  
 RT: 2.056 min Scan# 316  
 Delta R.T. -0.010 min  
 Lab File: VV037125.D  
 Acq: 28 Aug 2024 12:25

Instrument :  
 MSVOA\_V  
 ClientSampleId :

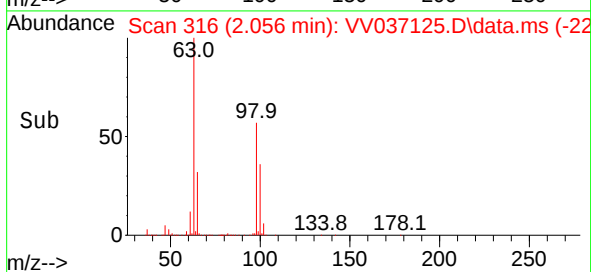
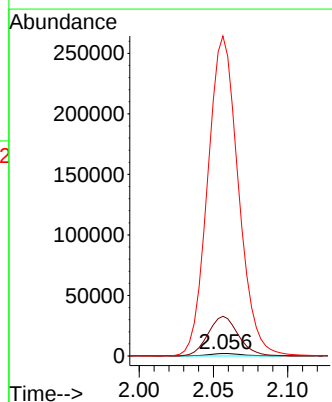
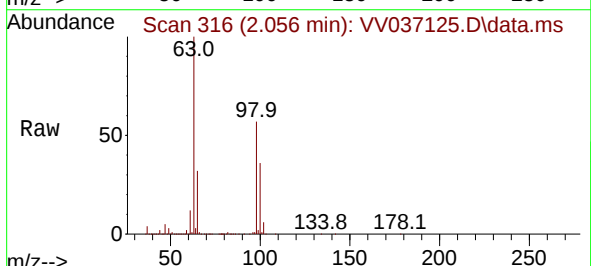


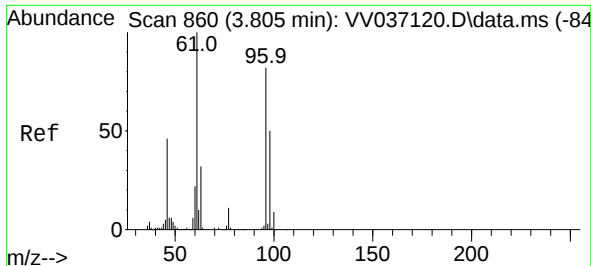
Tgt Ion: 101 Resp: 3803  
 Ion Ratio Lower Upper  
 101 100  
 85 5.9 35.6 53.4#  
 151 3.9 55.0 82.4#



#12  
 1,1-Dichloroethene  
 Concen: 0.838 ug/L  
 RT: 2.056 min Scan# 316  
 Delta R.T. -0.010 min  
 Lab File: VV037125.D  
 Acq: 28 Aug 2024 12:25

Tgt Ion: 96 Resp: 3306  
 Ion Ratio Lower Upper  
 96 100  
 61 1590.7 123.8 229.8#  
 63 12827.9 96.5 179.1#





#20

cis-1,2-Dichloroethene

Concen: 1.599 ug/L

RT: 3.802 min Scan# 860

Delta R.T. -0.003 min

Lab File: VV037125.D

Acq: 28 Aug 2024 12:25

Instrument :

MSVOA\_V

ClientSampleId :

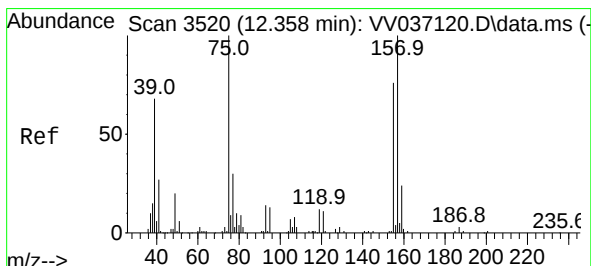
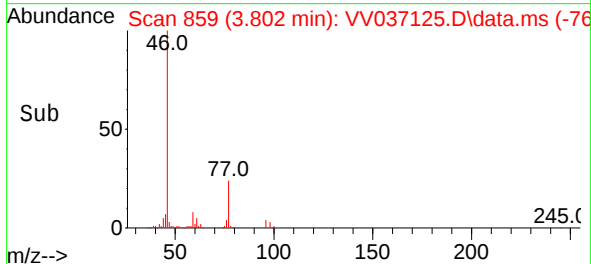
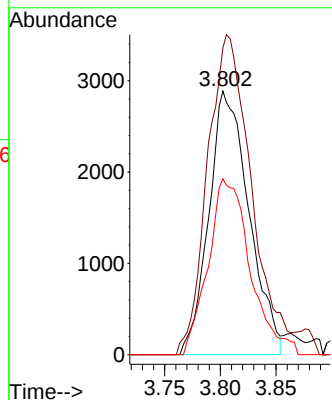
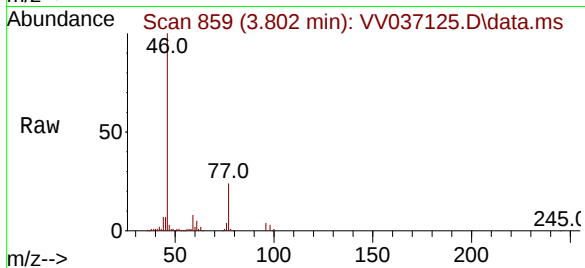
Tgt Ion: 96 Resp: 7238

Ion Ratio Lower Upper

96 100

61 116.5 89.9 166.9

98 66.8 44.8 83.2



#68

1,2-Dibromo-3-chloropropane

Concen: 1.351 ug/L

RT: 12.400 min Scan# 3533

Delta R.T. 0.042 min

Lab File: VV037125.D

Acq: 28 Aug 2024 12:25

Tgt Ion: 75 Resp: 1456

Ion Ratio Lower Upper

75 100

155 0.0 61.8 92.6#

157 0.0 82.5 123.7#

