

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV082624\  
 Data File : VV037039.D  
 Acq On : 26 Aug 2024 19:35  
 Operator : SY/MD  
 Sample : P3692-12  
 Misc : 5.00mL/MSVOA\_V/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Aug 27 02:05:29 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082624WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Aug 27 01:58:15 2024  
 Response via : Initial Calibration

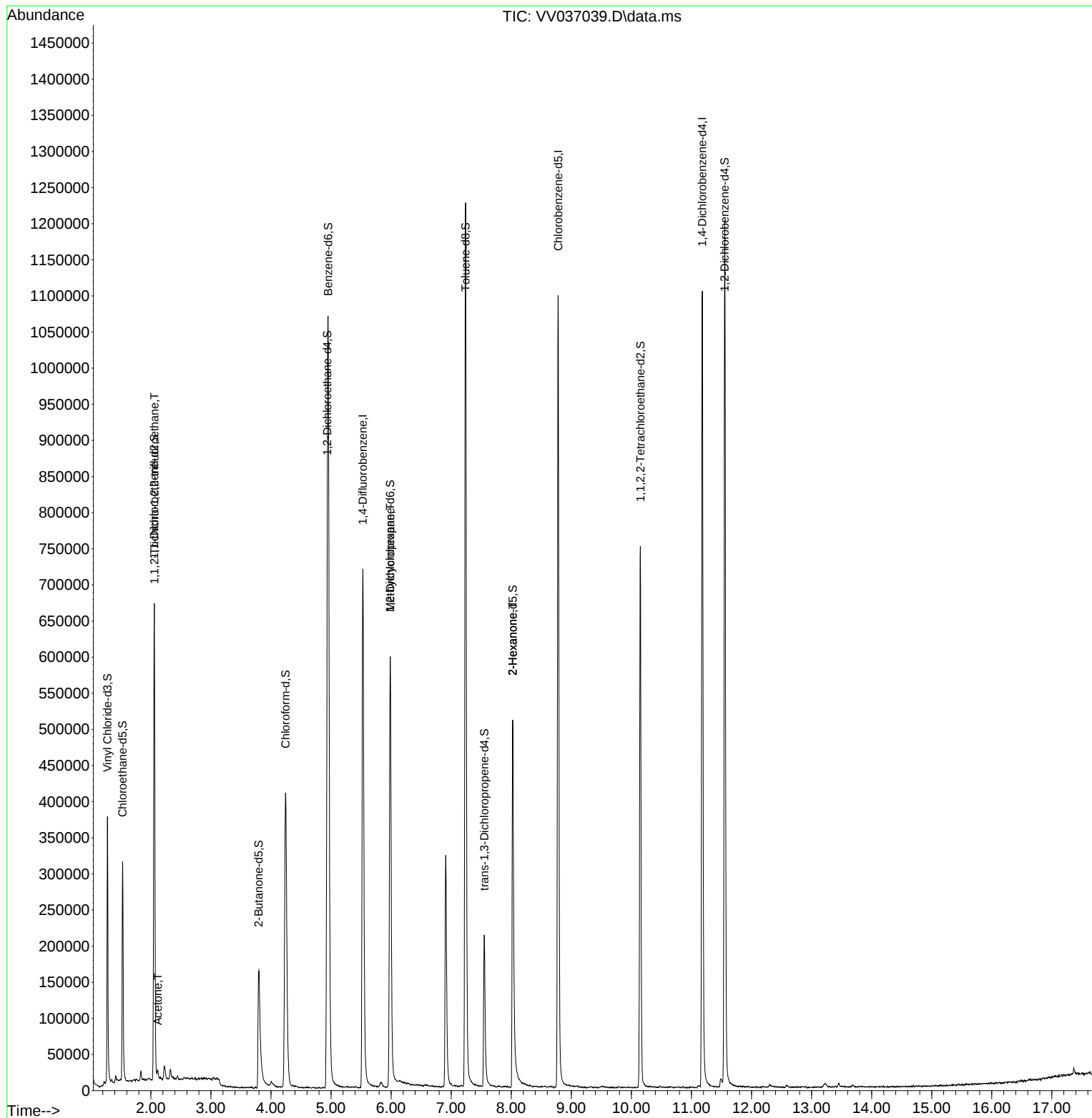
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.529          | 114  | 622164     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.780          | 117  | 589245     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.182         | 152  | 283954     | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278          | 65   | 244593     | 42.977   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 85.960%  |        |          |
| 7) Chloroethane-d5            | 1.529          | 69   | 204915     | 46.587   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 93.180%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.056          | 65   | 109861     | 45.927   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 91.860%  |        |          |
| 21) 2-Butanone-d5             | 3.796          | 46   | 266751     | 121.033  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 121.030% |        |          |
| 24) Chloroform-d              | 4.243          | 84   | 426944     | 47.931   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 95.860%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 4.937          | 65   | 285341     | 50.868   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 101.740% |        |          |
| 32) Benzene-d6                | 4.953          | 84   | 900458     | 50.595   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 101.180% |        |          |
| 36) 1,2-Dichloropropane-d6    | 5.986          | 67   | 293450     | 52.642   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 105.280% |        |          |
| 41) Toluene-d8                | 7.240          | 98   | 798895     | 49.737   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 99.480%  |        |          |
| 43) trans-1,3-Dichloroprop... | 7.551          | 79   | 125780     | 48.771   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 97.540%  |        |          |
| 47) 2-Hexanone-d5             | 8.024          | 63   | 179493     | 117.982  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 117.980% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149         | 84   | 361928     | 53.534   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 107.060% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.554         | 152  | 292187     | 51.378   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 102.760% |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.060          | 101  | 3615       | 0.839    | ug/L # | 26       |
| 13) Acetone                   | 2.114          | 43   | 11610      | 4.912    | ug/L   | 97       |
| 35) Methylcyclohexane         | 5.986          | 83   | 68714      | 9.423    | ug/L # | 19       |
| 48) 2-Hexanone                | 8.024          | 43   | 20172      | 5.628    | ug/L # | 70       |
| -----                         |                |      |            |          |        |          |

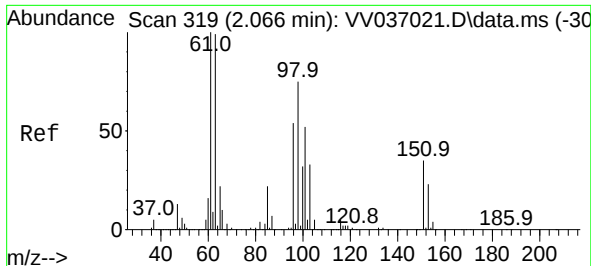
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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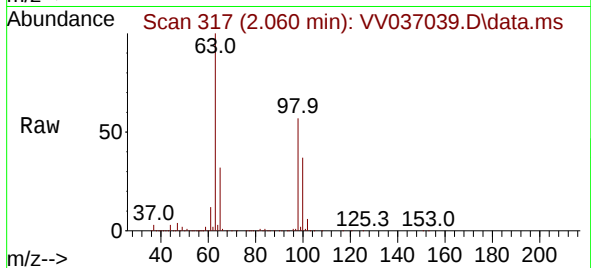
Quant Time: Aug 27 02:05:29 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082624WMA.M  
Quant Title : VOC Analysis  
QLast Update : Tue Aug 27 01:58:15 2024  
Response via : Initial Calibration



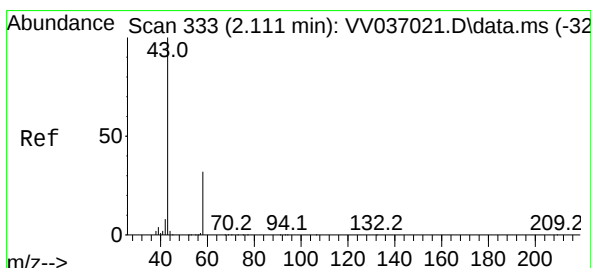
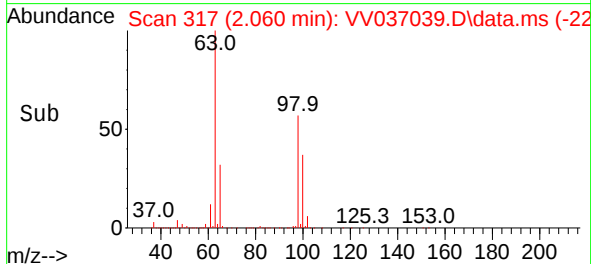
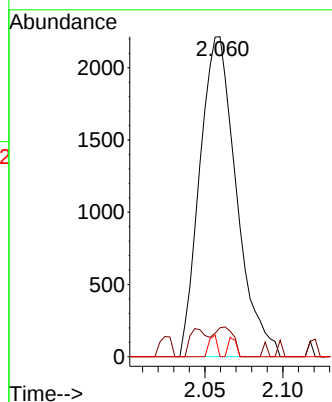


#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 0.839 ug/L  
 RT: 2.060 min Scan# 319  
 Delta R.T. -0.006 min  
 Lab File: VV037039.D  
 Acq: 26 Aug 2024 19:35

Instrument :  
 MSVOA\_V  
 ClientSampleId :

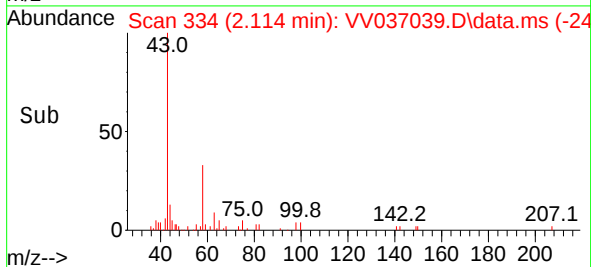
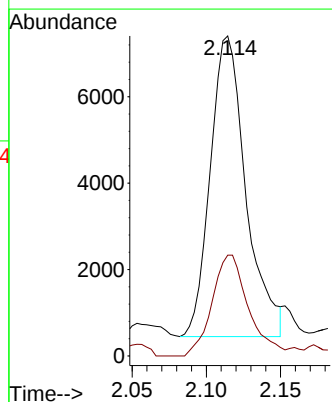
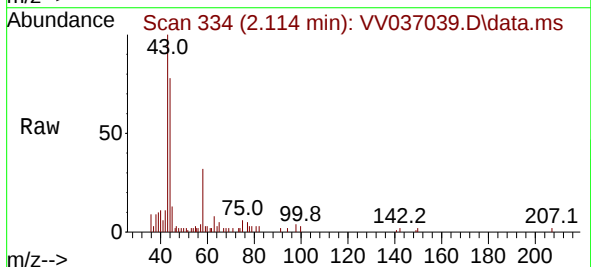


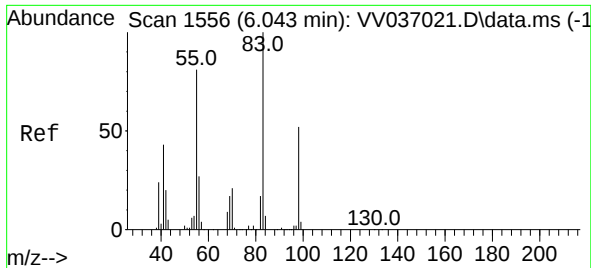
Tgt Ion: 101 Resp: 3615  
 Ion Ratio Lower Upper  
 101 100  
 85 4.7 35.6 53.4#  
 151 1.3 55.0 82.4#



#13  
 Acetone  
 Concen: 4.912 ug/L  
 RT: 2.114 min Scan# 334  
 Delta R.T. 0.003 min  
 Lab File: VV037039.D  
 Acq: 26 Aug 2024 19:35

Tgt Ion: 43 Resp: 11610  
 Ion Ratio Lower Upper  
 43 100  
 58 34.2 0.0 64.8





#35

Methylcyclohexane

Concen: 9.423 ug/L

RT: 5.986 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV037039.D

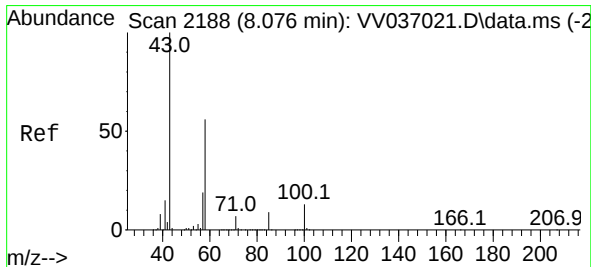
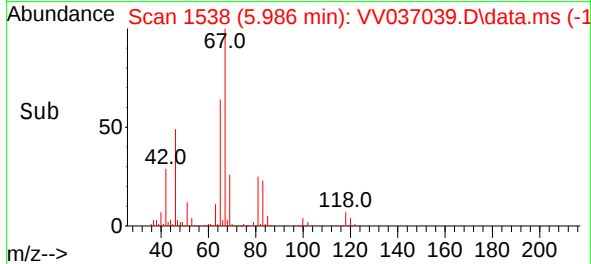
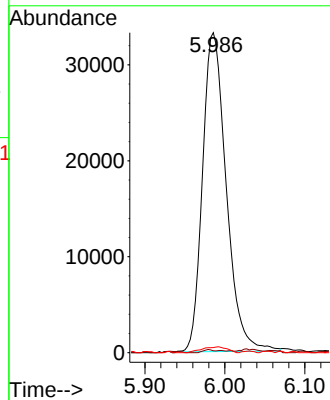
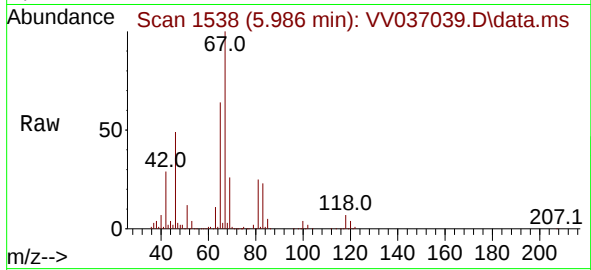
Acq: 26 Aug 2024 19:35

Instrument :

MSVOA\_V

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 68714 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 0.4   | 61.2  | 91.8# |
| 98       | 0.8   | 39.3  | 58.9# |



#48

2-Hexanone

Concen: 5.628 ug/L

RT: 8.024 min Scan# 2172

Delta R.T. -0.051 min

Lab File: VV037039.D

Acq: 26 Aug 2024 19:35

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 20172 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 34.2  | 46.0  | 69.0# |
| 57       | 31.2  | 15.6  | 23.4# |
| 100      | 1.0   | 10.6  | 16.0# |

