

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV090823\  
 Data File : VV031980.D  
 Acq On : 08 Sep 2023 13:05  
 Operator : SY/MD  
 Sample : 04280-02 10X  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Sep 09 05:35:15 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082323WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Sep 09 05:33:49 2023  
 Response via : Initial Calibration

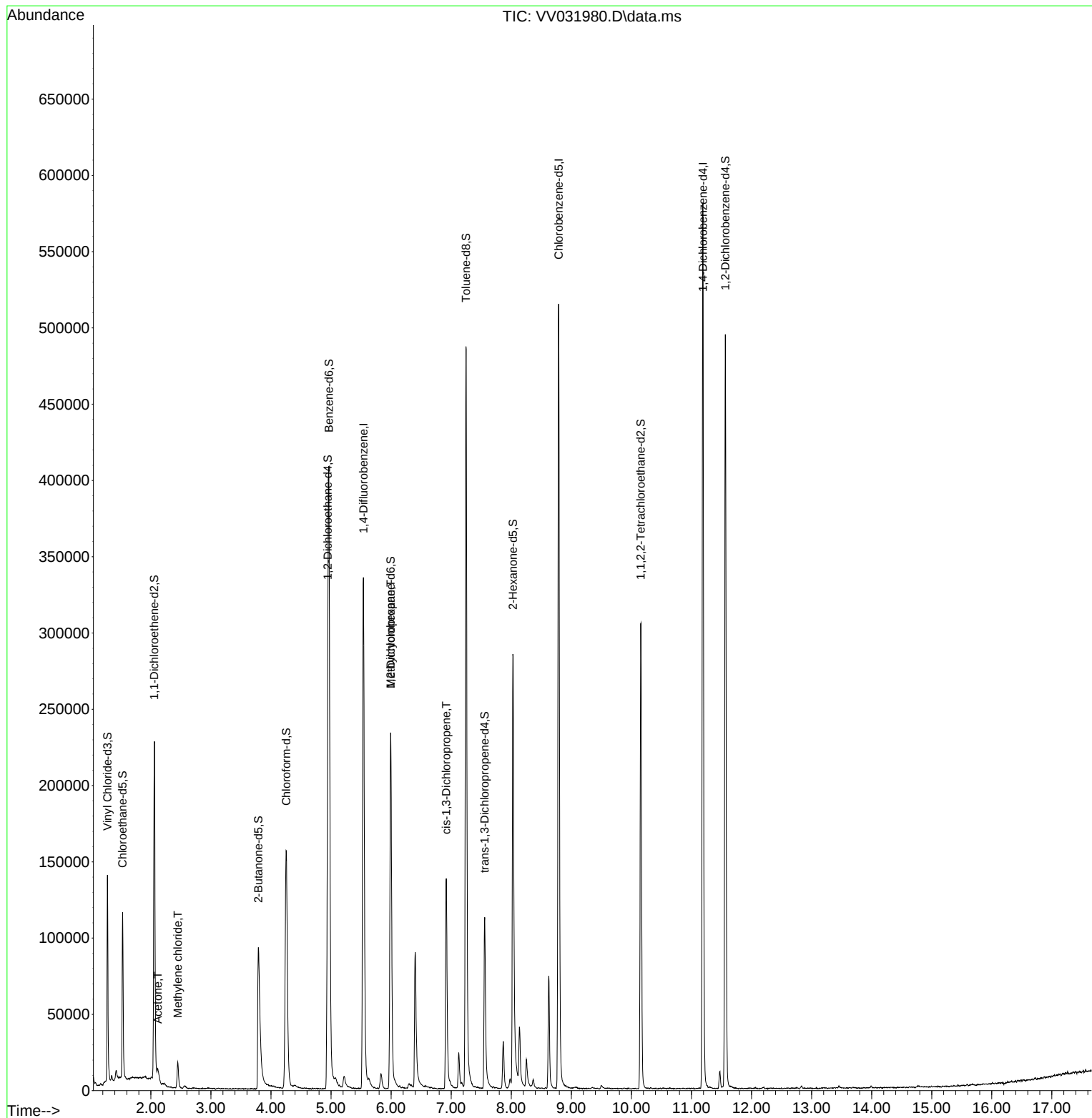
| Compound                      | R.T. QIon |       | Response | Conc    | Units     | Dev(Min) |
|-------------------------------|-----------|-------|----------|---------|-----------|----------|
| -----                         |           |       |          |         |           |          |
| Internal Standards            |           |       |          |         |           |          |
| 1) 1,4-Difluorobenzene        | 5.539     | 114   | 283181   | 50.000  | ug/L      | 0.00     |
| 28) Chlorobenzene-d5          | 8.789     | 117   | 274938   | 50.000  | ug/L      | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.191    | 152   | 140714   | 50.000  | ug/L      | 0.00     |
| System Monitoring Compounds   |           |       |          |         |           |          |
| 4) Vinyl Chloride-d3          | 1.278     | 65    | 91037    | 51.368  | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 60  | - 135 | Recovery | =       | 102.740%  |          |
| 7) Chloroethane-d5            | 1.529     | 69    | 73729    | 47.457  | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 70  | - 130 | Recovery | =       | 94.920%   |          |
| 11) 1,1-Dichloroethene-d2     | 2.056     | 65    | 38119    | 45.934  | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 60  | - 125 | Recovery | =       | 91.860%   |          |
| 21) 2-Butanone-d5             | 3.789     | 46    | 150116   | 107.697 | ug/L      | 0.00     |
| Spiked Amount 100.000         | Range 40  | - 130 | Recovery | =       | 107.700%  |          |
| 24) Chloroform-d              | 4.252     | 84    | 168119   | 43.400  | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 70  | - 125 | Recovery | =       | 86.800%   |          |
| 26) 1,2-Dichloroethane-d4     | 4.947     | 65    | 113351   | 44.094  | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 70  | - 125 | Recovery | =       | 88.180%   |          |
| 32) Benzene-d6                | 4.963     | 84    | 355645   | 47.405  | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 70  | - 125 | Recovery | =       | 94.820%   |          |
| 36) 1,2-Dichloropropane-d6    | 5.992     | 67    | 118770   | 49.186  | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 70  | - 120 | Recovery | =       | 98.380%   |          |
| 41) Toluene-d8                | 7.246     | 98    | 324711   | 46.974  | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 80  | - 120 | Recovery | =       | 93.940%   |          |
| 43) trans-1,3-Dichloroprop... | 7.558     | 79    | 57757    | 46.148  | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 60  | - 125 | Recovery | =       | 92.300%   |          |
| 47) 2-Hexanone-d5             | 8.027     | 63    | 103148   | 139.369 | ug/L      | 0.00     |
| Spiked Amount 100.000         | Range 45  | - 130 | Recovery | =       | 139.370%# |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.156    | 84    | 152635   | 48.915  | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 65  | - 120 | Recovery | =       | 97.840%   |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.564    | 152   | 120810   | 47.097  | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 80  | - 120 | Recovery | =       | 94.200%   |          |
| Target Compounds              |           |       |          |         |           | Qvalue   |
| 13) Acetone                   | 2.114     | 43    | 5530     | 4.457   | ug/L      | 100      |
| 16) Methylene chloride        | 2.449     | 84    | 6939     | 3.638   | ug/L      | 98       |
| 35) Methylcyclohexane         | 5.992     | 83    | 26289    | 8.748   | ug/L #    | 19       |
| 39) cis-1,3-Dichloropropene   | 6.918     | 75    | 3383     | 0.929   | ug/L #    | 52       |
| -----                         |           |       |          |         |           |          |

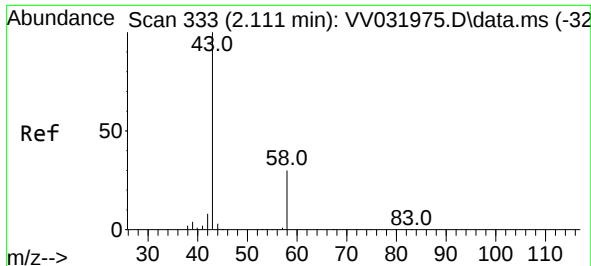
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Sep 09 05:33:49 2023  
Response via : Initial Calibration





#13

Acetone

Concen: 4.457 ug/L

RT: 2.114 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV031980.D

Acq: 08 Sep 2023 13:05

Instrument :

MSVOA\_V

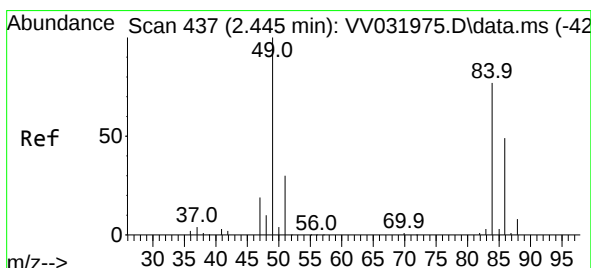
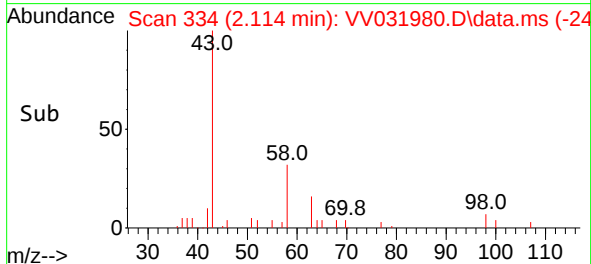
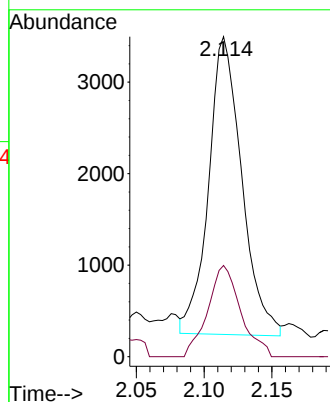
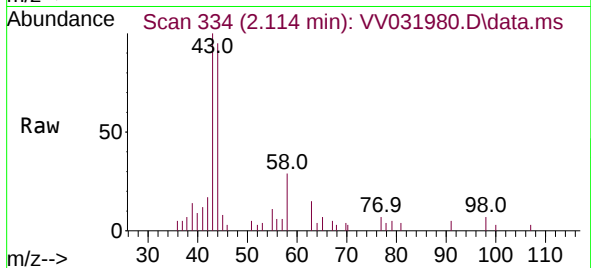
ClientSampleId :

Tgt Ion: 43 Resp: 5530

Ion Ratio Lower Upper

43 100

58 30.4 0.0 61.0



#16

Methylene chloride

Concen: 3.638 ug/L

RT: 2.449 min Scan# 438

Delta R.T. 0.003 min

Lab File: VV031980.D

Acq: 08 Sep 2023 13:05

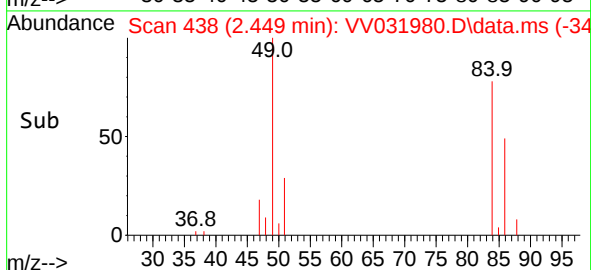
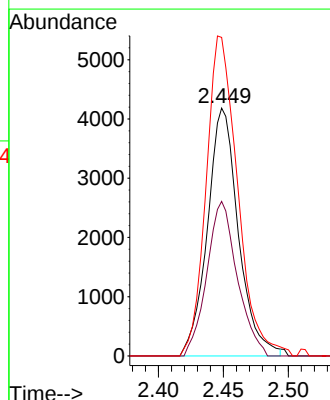
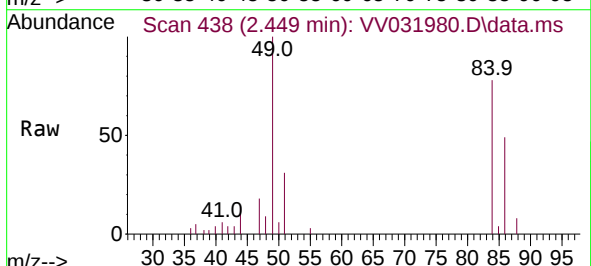
Tgt Ion: 84 Resp: 6939

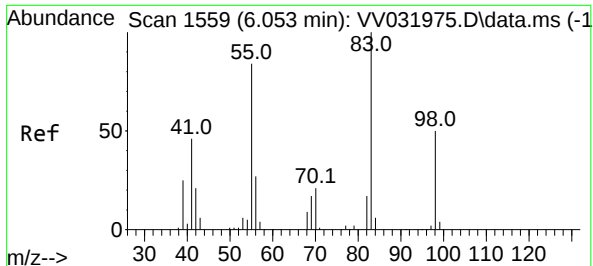
Ion Ratio Lower Upper

84 100

86 62.4 44.6 82.8

49 128.5 91.6 170.2





#35

Methylcyclohexane

Concen: 8.748 ug/L

RT: 5.992 min Scan# 1

Delta R.T. -0.061 min

Lab File: VV031980.D

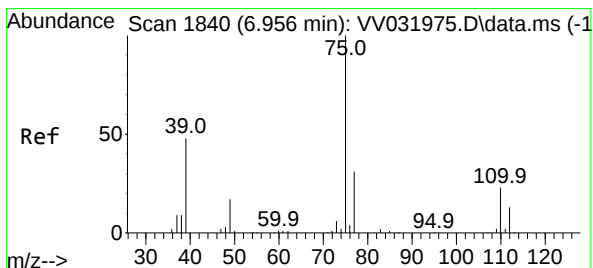
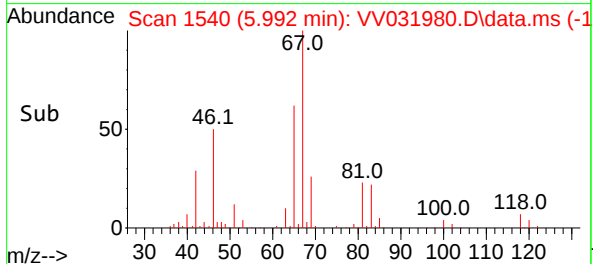
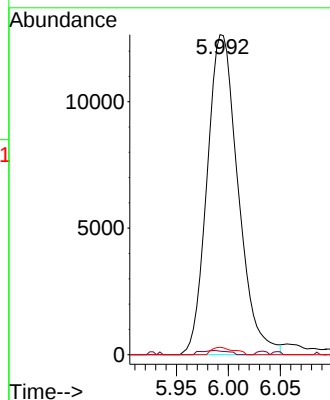
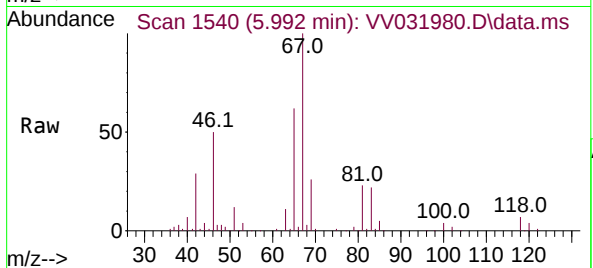
Acq: 08 Sep 2023 13:05

Instrument :

MSVOA\_V

ClientSampleId :

|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 26289 |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 55 0.4      | 62.2 93.2#  |
| 98 1.6      | 36.7 55.1#  |



#39

cis-1,3-Dichloropropene

Concen: 0.929 ug/L

RT: 6.918 min Scan# 1828

Delta R.T. -0.039 min

Lab File: VV031980.D

Acq: 08 Sep 2023 13:05

|             |             |
|-------------|-------------|
| Tgt Ion: 75 | Resp: 3383  |
| Ion Ratio   | Lower Upper |
| 75 100      |             |
| 77 56.6     | 21.4 39.8#  |

