

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV050324\  
 Data File : VV035524.D  
 Acq On : 03 May 2024 09:31  
 Operator : SY/MD  
 Sample : VV0503WBL01  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: May 03 23:17:22 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM050124WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri May 03 23:16:53 2024  
 Response via : Initial Calibration

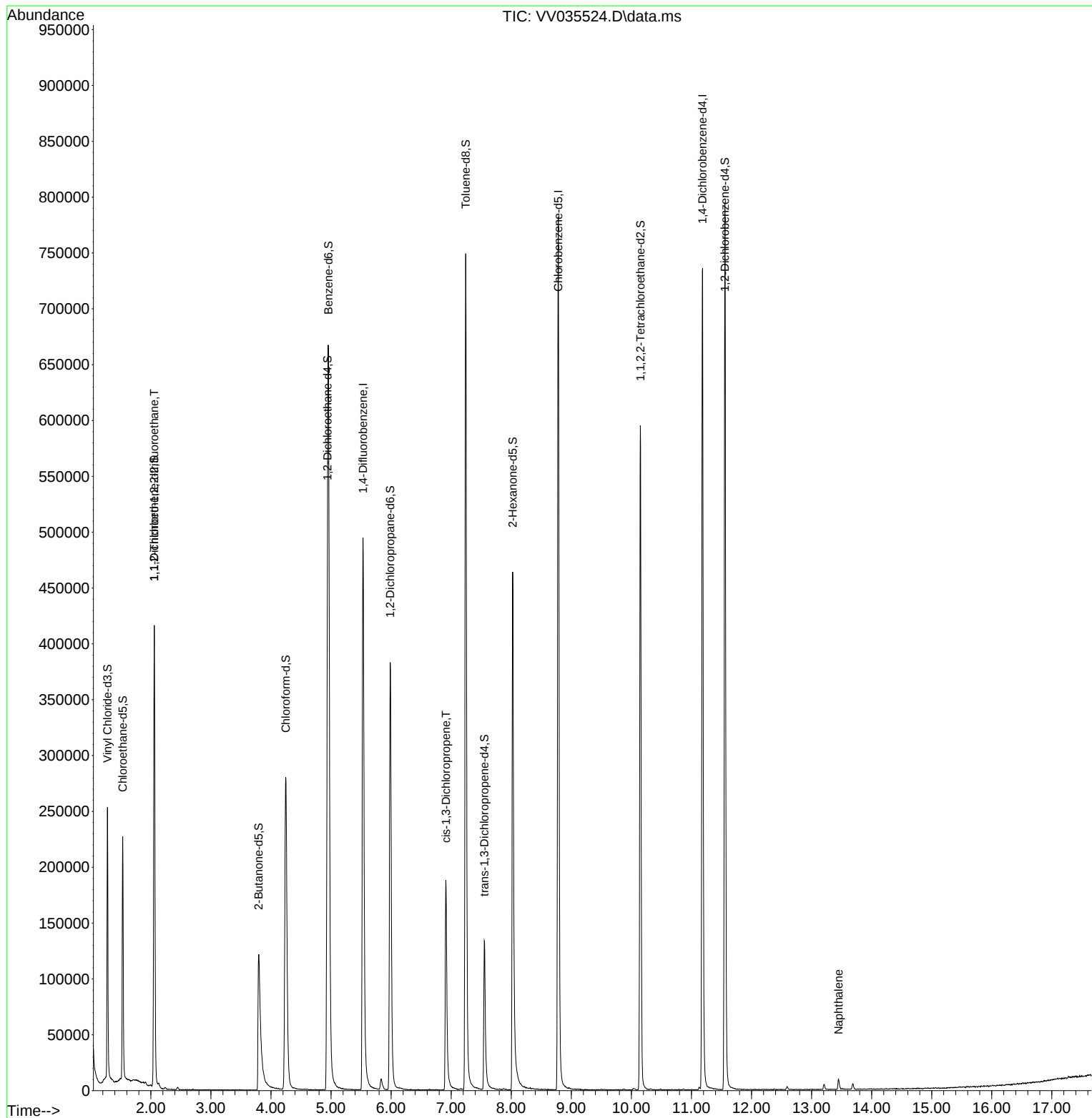
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.532          | 114  | 455105     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.783          | 117  | 463849     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185         | 152  | 208825     | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278          | 65   | 160869     | 45.843   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 91.680%  |        |          |
| 7) Chloroethane-d5            | 1.532          | 69   | 142450     | 55.086   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 110.180% |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.056          | 65   | 69986      | 46.461   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 92.920%  |        |          |
| 21) 2-Butanone-d5             | 3.796          | 46   | 231744     | 97.853   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 97.850%  |        |          |
| 24) Chloroform-d              | 4.246          | 84   | 317378     | 49.308   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 98.620%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 4.941          | 65   | 192170     | 50.697   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 101.400% |        |          |
| 32) Benzene-d6                | 4.957          | 84   | 626670     | 47.998   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 96.000%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 5.986          | 67   | 199731     | 49.063   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 98.120%  |        |          |
| 41) Toluene-d8                | 7.243          | 98   | 533844     | 44.920   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 89.840%  |        |          |
| 43) trans-1,3-Dichloroprop... | 7.551          | 79   | 88377      | 44.543   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 89.080%  |        |          |
| 47) 2-Hexanone-d5             | 8.024          | 63   | 177110     | 94.675   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 94.670%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149         | 84   | 296021     | 47.721   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 95.440%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.558         | 152  | 211628     | 51.009   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 102.020% |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.056          | 101  | 2202       | 0.742    | ug/L # | 22       |
| 39) cis-1,3-Dichloropropene   | 6.915          | 75   | 4614       | 0.854    | ug/L # | 70       |
| 71) Naphthalene               | 13.448         | 128  | 9287       | 0.794    | ug/L # | 96       |
| -----                         |                |      |            |          |        |          |

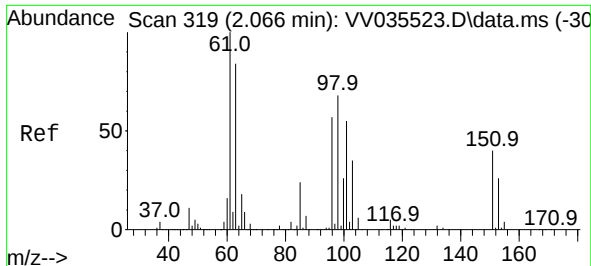
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 03 23:16:53 2024  
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.742 ug/L

RT: 2.056 min Scan# 319

Delta R.T. -0.010 min

Lab File: VV035524.D

Acq: 03 May 2024 09:31

Instrument :

MSVOA\_V

ClientSampleId :

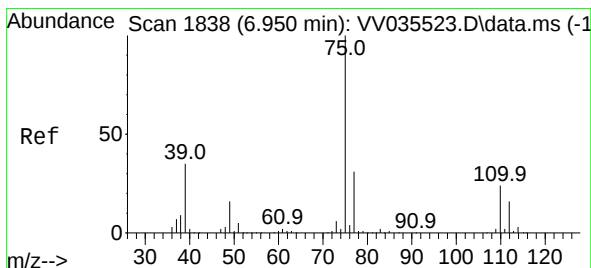
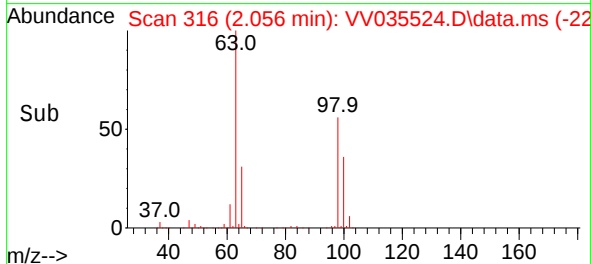
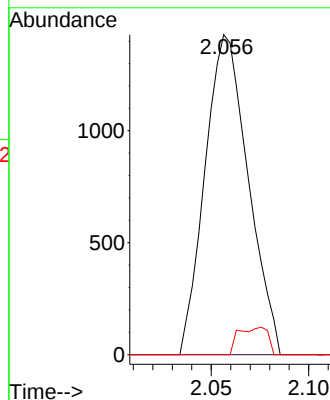
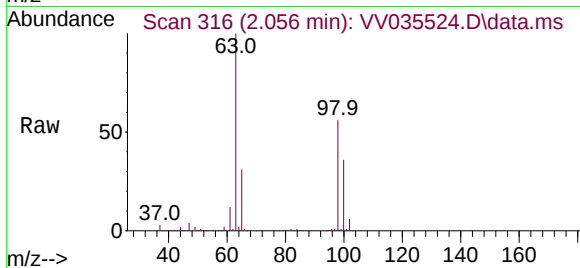
Tgt Ion:101 Resp: 2202

Ion Ratio Lower Upper

101 100

85 0.0 34.4 51.6#

151 2.8 60.1 90.1#



#39

cis-1,3-Dichloropropene

Concen: 0.854 ug/L

RT: 6.915 min Scan# 1827

Delta R.T. -0.035 min

Lab File: VV035524.D

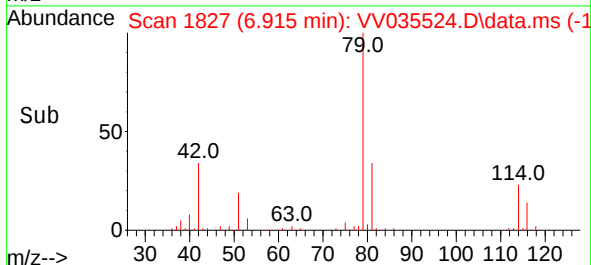
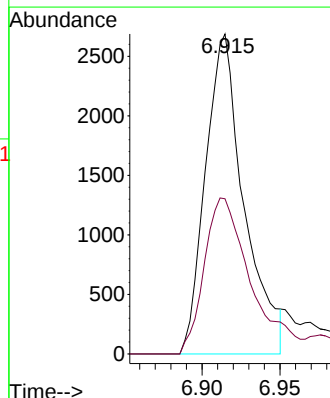
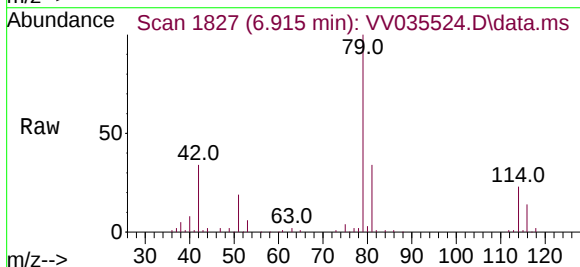
Acq: 03 May 2024 09:31

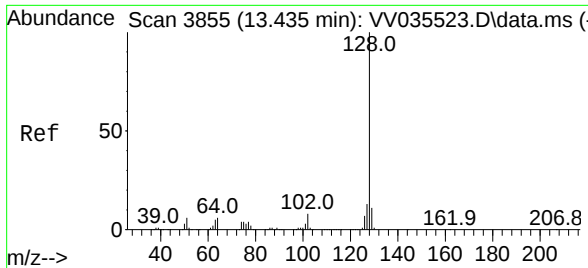
Tgt Ion: 75 Resp: 4614

Ion Ratio Lower Upper

75 100

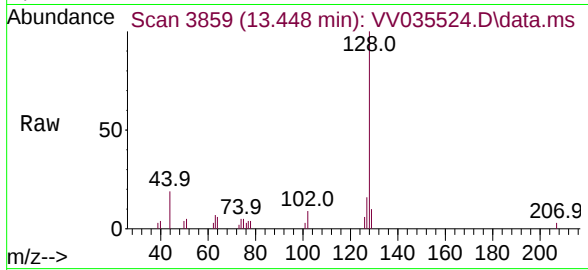
77 48.5 22.3 41.3#





#71  
Naphthalene  
Concen: 0.794 ug/L  
RT: 13.448 min Scan# 3859  
Delta R.T. 0.013 min  
Lab File: VV035524.D  
Acq: 03 May 2024 09:31

Instrument :  
MSVOA\_V  
ClientSampleId :



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 9287  |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 127       | 11.8  | 10.2  | 15.4  |
| 129       | 8.3   | 8.7   | 13.1# |

