

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW012324\  
 Data File : VW033838.D  
 Acq On : 23 Jan 2024 18:45  
 Operator : SY/MD  
 Sample : P1191-16 50X  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DCMT0

Quant Time: Jan 24 02:06:37 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM011024WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jan 24 02:00:55 2024  
 Response via : Initial Calibration

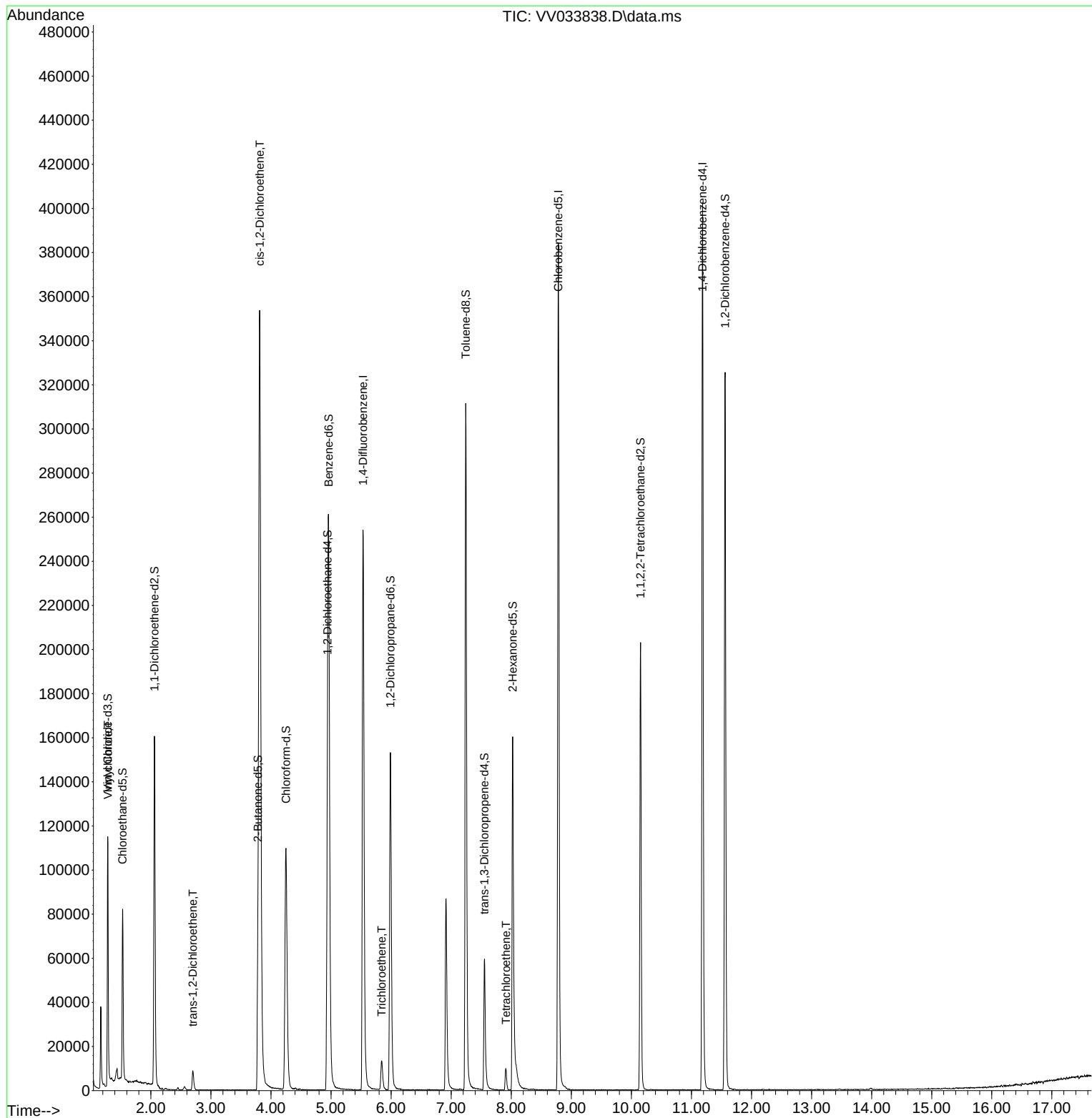
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.532   | 114   | 219164   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.783   | 117   | 200450   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185  | 152   | 100554   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.281   | 65    | 55783    | 33.118   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 66.240%  |
| 7) Chloroethane-d5            | 1.529   | 69    | 50259    | 37.678   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 75.360%  |
| 11) 1,1-Dichloroethene-d2     | 2.059   | 65    | 27379    | 37.769   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 75.540%  |
| 21) 2-Butanone-d5             | 3.783   | 46    | 80219    | 69.434   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 69.430%  |
| 24) Chloroform-d              | 4.249   | 84    | 116374   | 38.638   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 77.280%  |
| 26) 1,2-Dichloroethane-d4     | 4.940   | 65    | 82323    | 42.303   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 84.600%  |
| 32) Benzene-d6                | 4.960   | 84    | 227921   | 39.996   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 80.000%  |
| 36) 1,2-Dichloropropane-d6    | 5.989   | 67    | 73062    | 38.950   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 77.900%  |
| 41) Toluene-d8                | 7.243   | 98    | 205772   | 40.076   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 80.160%  |
| 43) trans-1,3-Dichloroprop... | 7.554   | 79    | 35129    | 37.893   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 75.780%  |
| 47) 2-Hexanone-d5             | 8.024   | 63    | 55471    | 71.292   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 71.290%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.152  | 84    | 94219    | 39.345   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 78.680%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.561  | 152   | 80771    | 42.337   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 84.680%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 5) Vinyl chloride             | 1.285   | 62    | 18745    | 9.451    | ug/L   | 92       |
| 17) trans-1,2-Dichloroethene  | 2.699   | 96    | 3401     | 2.315    | ug/L   | 99       |
| 20) cis-1,2-Dichloroethene    | 3.812   | 96    | 186154   | 113.839  | ug/L   | 94       |
| 34) Trichloroethene           | 5.844   | 95    | 4569     | 2.893    | ug/L   | 91       |
| 46) Tetrachloroethene         | 7.911   | 164   | 2457     | 2.121    | ug/L   | 95       |
| -----                         |         |       |          |          |        |          |

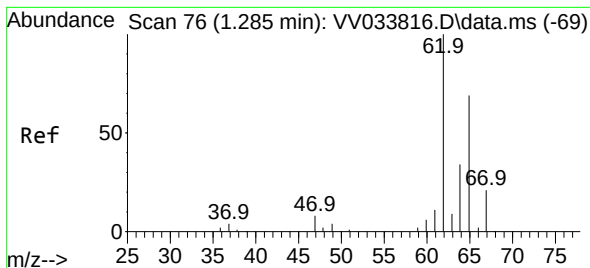
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Wed Jan 24 02:00:55 2024  
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 9.451 ug/L

RT: 1.285 min Scan# 76

Delta R.T. -0.000 min

Lab File: VV033838.D

Acq: 23 Jan 2024 18:45

Instrument :

MSVOA\_V

ClientSampleId :

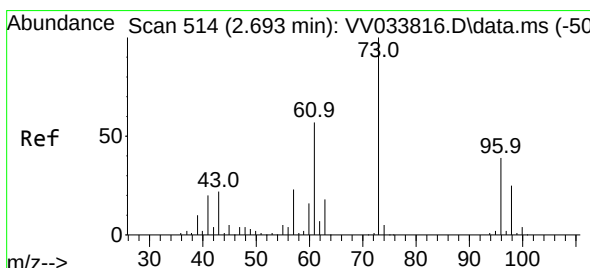
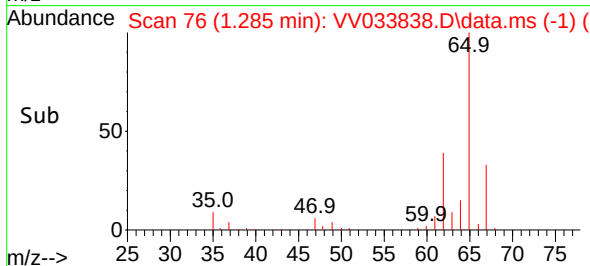
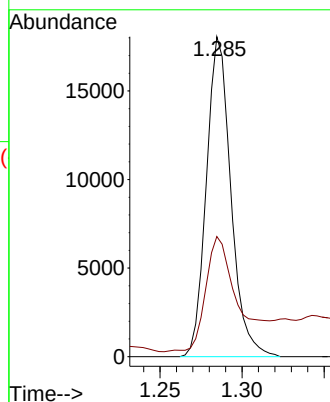
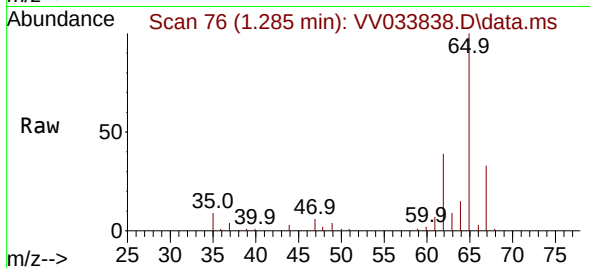
DCMT0

Tgt Ion: 62 Resp: 18745

Ion Ratio Lower Upper

62 100

64 37.6 23.2 43.0



#17

trans-1,2-Dichloroethene

Concen: 2.315 ug/L

RT: 2.699 min Scan# 516

Delta R.T. 0.006 min

Lab File: VV033838.D

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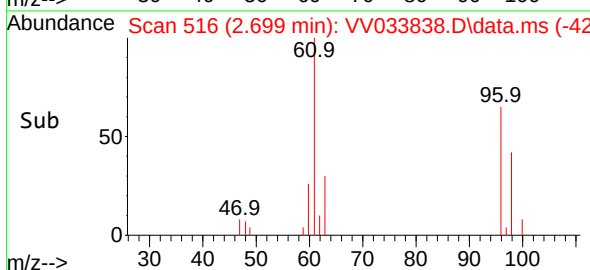
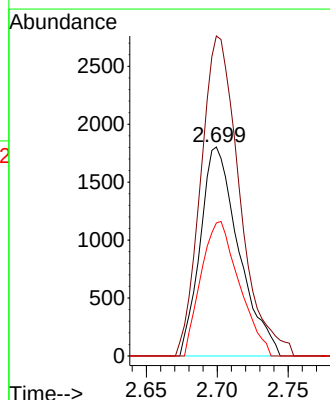
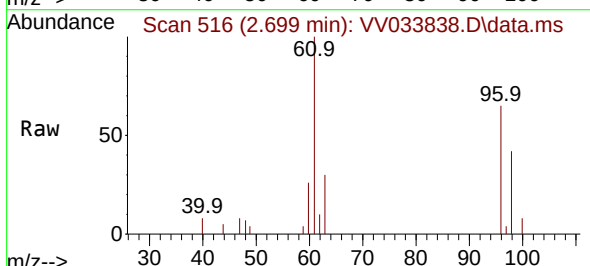
Tgt Ion: 96 Resp: 3401

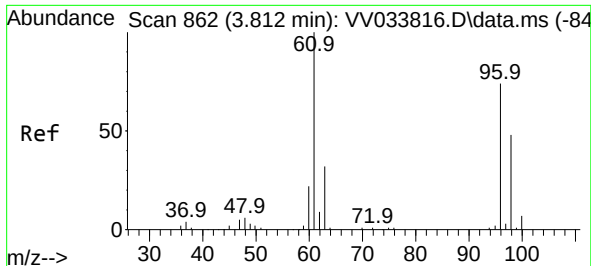
Ion Ratio Lower Upper

96 100

61 153.2 108.4 201.4

98 63.6 43.8 81.4

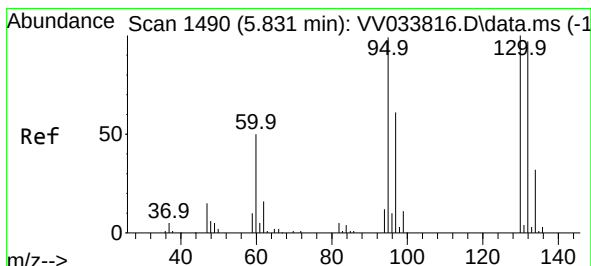
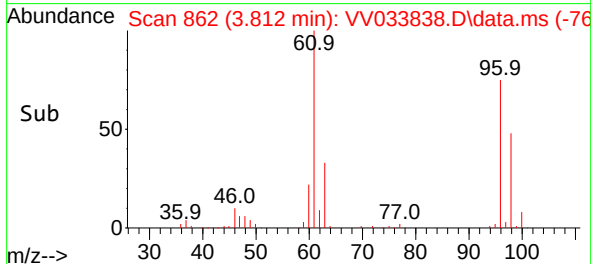
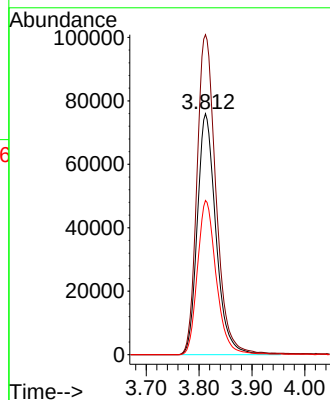
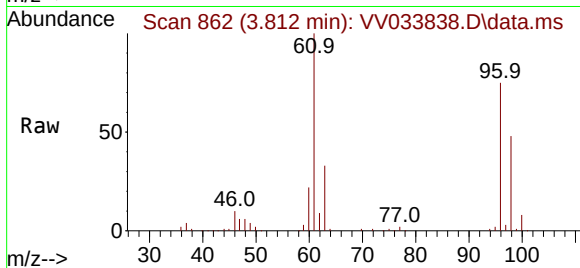




#20  
cis-1,2-Dichloroethene  
Concen: 113.839 ug/L  
RT: 3.812 min Scan# 862  
Delta R.T. -0.000 min  
Lab File: VV033838.D  
Acq: 23 Jan 2024 18:45

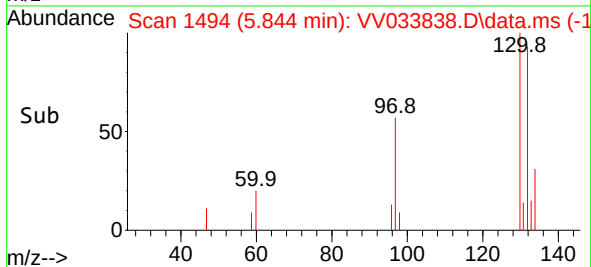
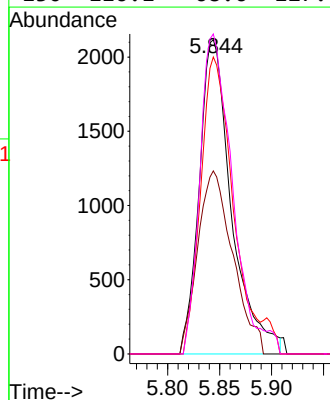
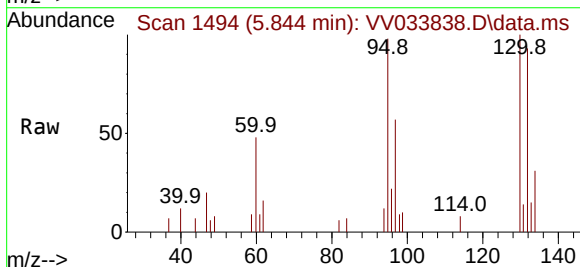
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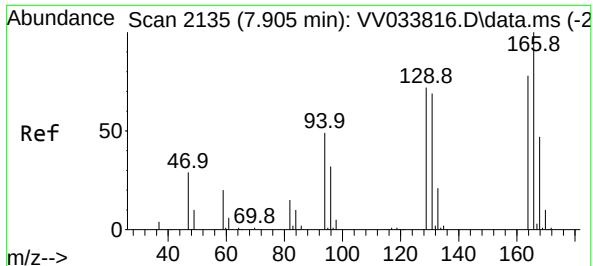
Tgt Ion: 96 Resp: 186154  
Ion Ratio Lower Upper  
96 100  
61 132.8 100.6 186.8  
98 64.0 44.6 82.8



#34  
Trichloroethene  
Concen: 2.893 ug/L  
RT: 5.844 min Scan# 1494  
Delta R.T. 0.013 min  
Lab File: VV033838.D  
Acq: 23 Jan 2024 18:45

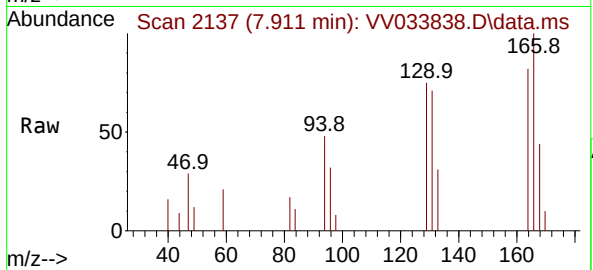
Tgt Ion: 95 Resp: 4569  
Ion Ratio Lower Upper  
95 100  
97 58.2 44.4 82.4  
132 94.5 65.5 121.7  
130 116.1 68.6 127.4





#46  
Tetrachloroethene  
Concen: 2.121 ug/L  
RT: 7.911 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VV033838.D  
Acq: 23 Jan 2024 18:45

Instrument :  
MSVOA\_V  
ClientSampleId :  
DCMT0



Tgt Ion:164 Resp: 2457

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 91.3  | 66.1  | 122.7 |
| 131 | 86.5  | 65.9  | 122.5 |
| 166 | 122.5 | 88.5  | 164.3 |

