

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV101023\  
 Data File : VV032371.D  
 Acq On : 10 Oct 2023 13:07  
 Operator : SY/MD  
 Sample : 04774-11DL 20X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EX871DL

Quant Time: Oct 11 01:58:43 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR092923WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Oct 11 01:56:10 2023  
 Response via : Initial Calibration

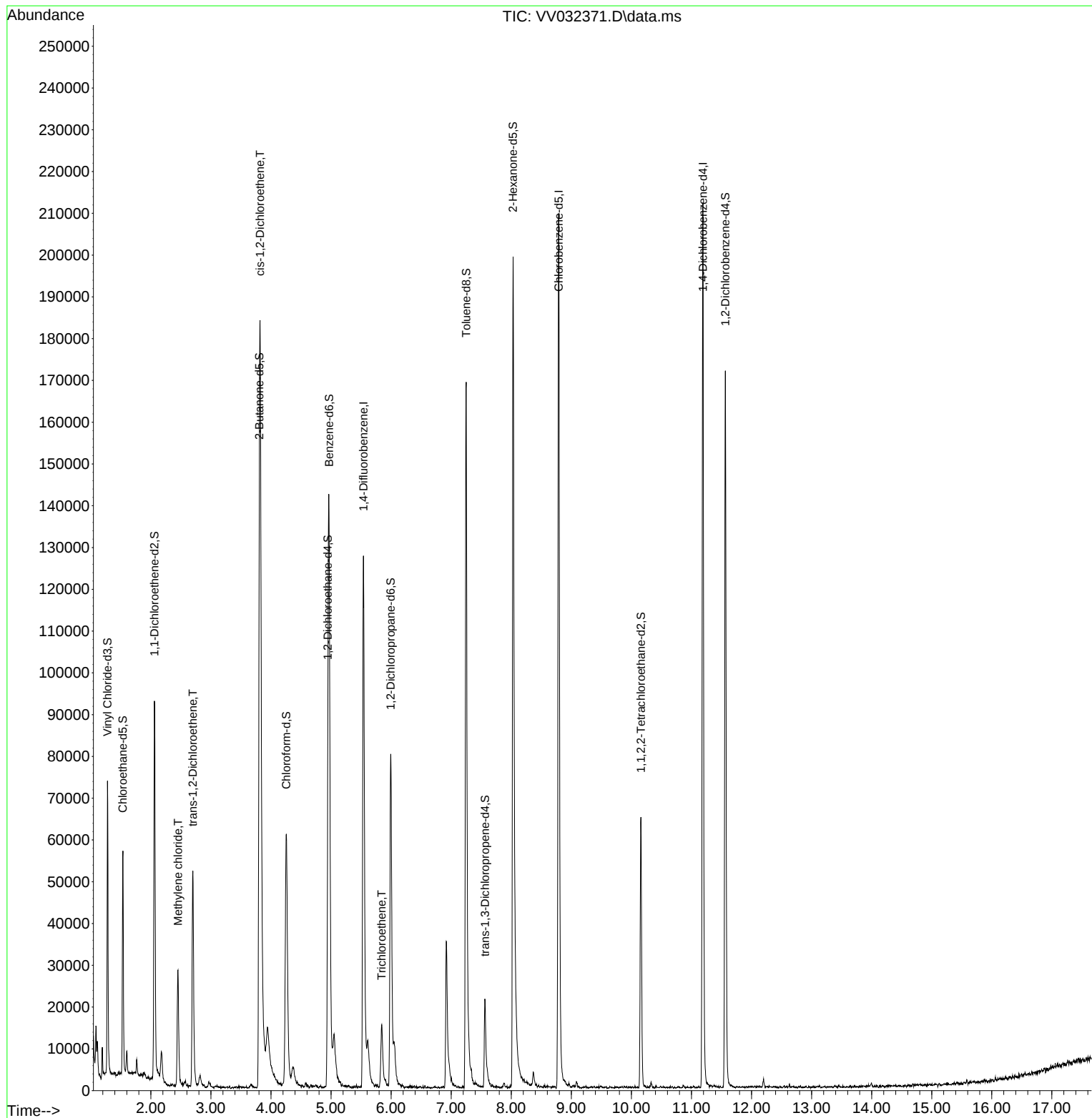
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.538  | 114   | 110884   | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.789  | 117   | 121528   | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.191 | 152   | 55366    | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.278  | 65    | 40998    | 4.546    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 91.000%  |
| 7) Chloroethane-d5            | 1.532  | 69    | 33267    | 4.544    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 90.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.060  | 65    | 15072    | 3.963    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 79.200%  |
| 20) 2-Butanone-d5             | 3.805  | 46    | 85264    | 37.376   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 74.760%  |
| 24) Chloroform-d              | 4.256  | 84    | 65704    | 4.130    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 82.600%  |
| 26) 1,2-Dichloroethane-d4     | 4.947  | 65    | 31495    | 4.180    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 83.600%  |
| 32) Benzene-d6                | 4.966  | 84    | 130327   | 3.645    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 72.800%  |
| 36) 1,2-Dichloropropane-d6    | 5.992  | 67    | 40410    | 3.411    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 68.200%  |
| 41) Toluene-d8                | 7.249  | 98    | 122156   | 3.736    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 74.800%  |
| 43) trans-1,3-Dichloroprop... | 7.564  | 79    | 14780    | 3.520    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 70.400%  |
| 46) 2-Hexanone-d5             | 8.030  | 63    | 74420    | 37.674   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 75.340%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.159 | 84    | 33178    | 4.004    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 80.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.564 | 152   | 43490    | 4.233    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 84.600%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 16) Methylene chloride        | 2.452  | 84    | 11176    | 1.054    | ug/L  | 95       |
| 18) trans-1,2-Dichloroethene  | 2.699  | 96    | 20205    | 2.169    | ug/L  | 95       |
| 22) cis-1,2-Dichloroethene    | 3.818  | 96    | 81830    | 8.159    | ug/L  | 97       |
| 34) Trichloroethene           | 5.844  | 95    | 4844     | 0.415    | ug/L  | 92       |
| -----                         |        |       |          |          |       |          |

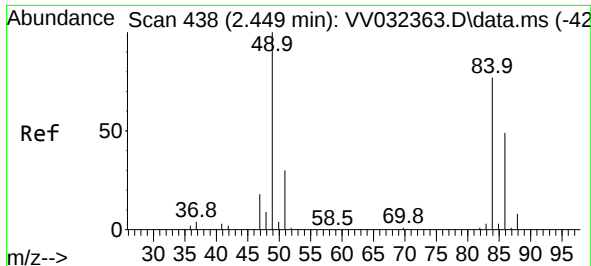
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 1.054 ug/L

RT: 2.452 min Scan# 41

Delta R.T. 0.003 min

Lab File: VV032371.D

Acq: 10 Oct 2023 13:07

Instrument :

MSVOA\_V

ClientSampleId :

EX871DL

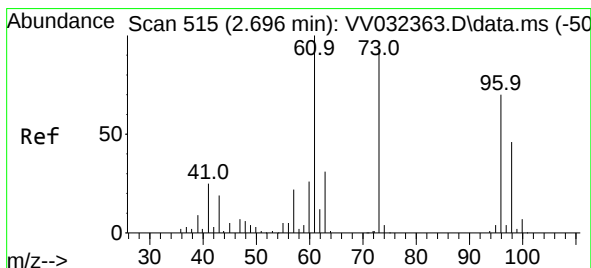
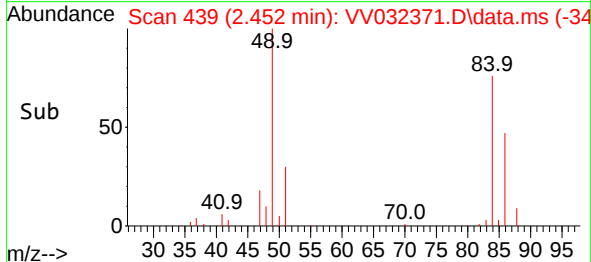
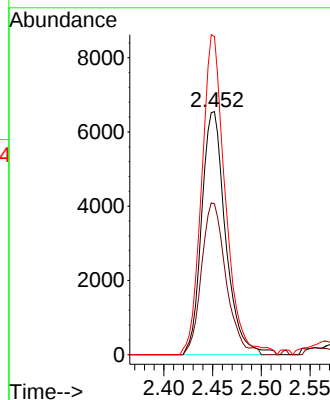
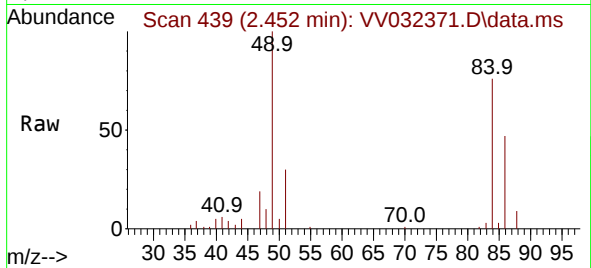
Tgt Ion: 84 Resp: 11176

Ion Ratio Lower Upper

84 100

86 62.1 43.2 80.2

49 130.9 86.3 160.3



#18

trans-1,2-Dichloroethene

Concen: 2.169 ug/L

RT: 2.699 min Scan# 516

Delta R.T. 0.003 min

Lab File: VV032371.D

Acq: 10 Oct 2023 13:07

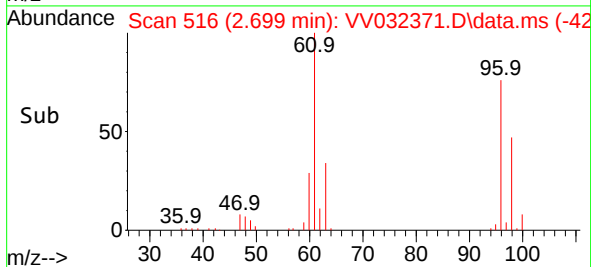
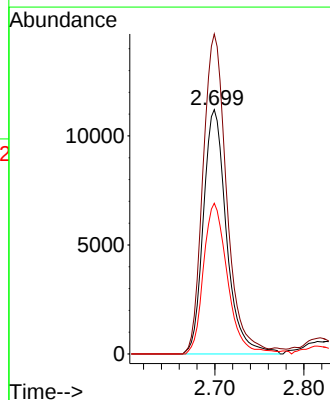
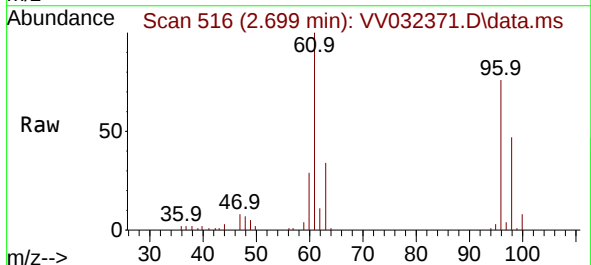
Tgt Ion: 96 Resp: 20205

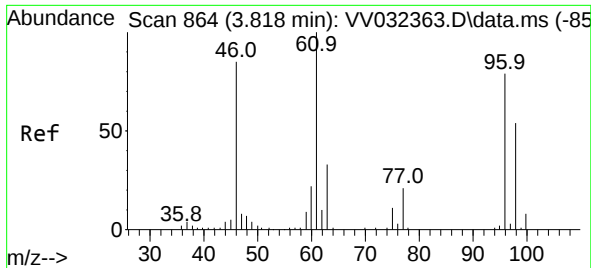
Ion Ratio Lower Upper

96 100

61 130.9 96.9 180.1

98 61.7 45.3 84.1

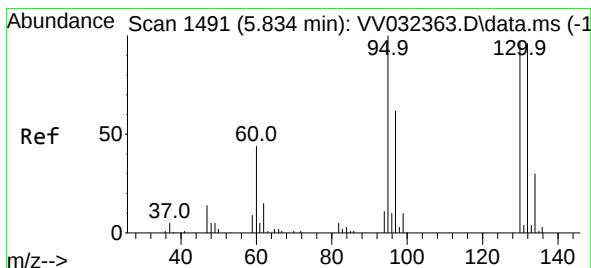
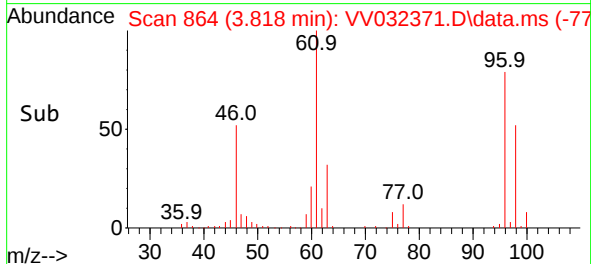
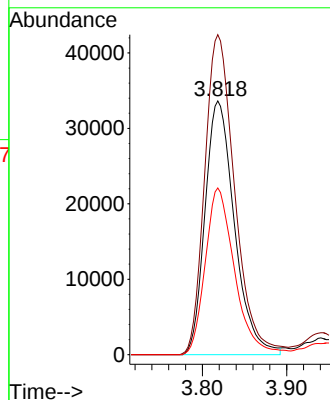
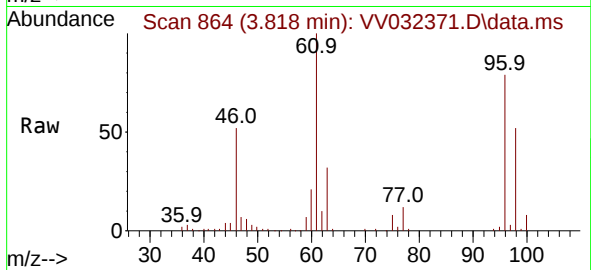




#22  
 cis-1,2-Dichloroethene  
 Concen: 8.159 ug/L  
 RT: 3.818 min Scan# 864  
 Delta R.T. -0.000 min  
 Lab File: VV032371.D  
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Tgt Ion: 96 Resp: 81830  
 Ion Ratio Lower Upper  
 96 100  
 61 126.1 85.8 159.4  
 98 65.7 44.0 81.6



#34  
 Trichloroethene  
 Concen: 0.415 ug/L  
 RT: 5.844 min Scan# 1494  
 Delta R.T. 0.010 min  
 Lab File: VV032371.D  
 Acq: 10 Oct 2023 13:07

Tgt Ion: 95 Resp: 4844  
 Ion Ratio Lower Upper  
 95 100  
 97 65.3 45.7 84.9  
 132 91.3 70.3 130.5  
 130 112.0 69.6 129.2

