

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV090622\  
 Data File : VV027769.D  
 Acq On : 07 Sep 2022 02:35  
 Operator : SY/MD  
 Sample : VIBLK288  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VIBLK288

Quant Time: Sep 07 06:33:41 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR090622WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Sep 07 06:13:02 2022  
 Response via : Initial Calibration

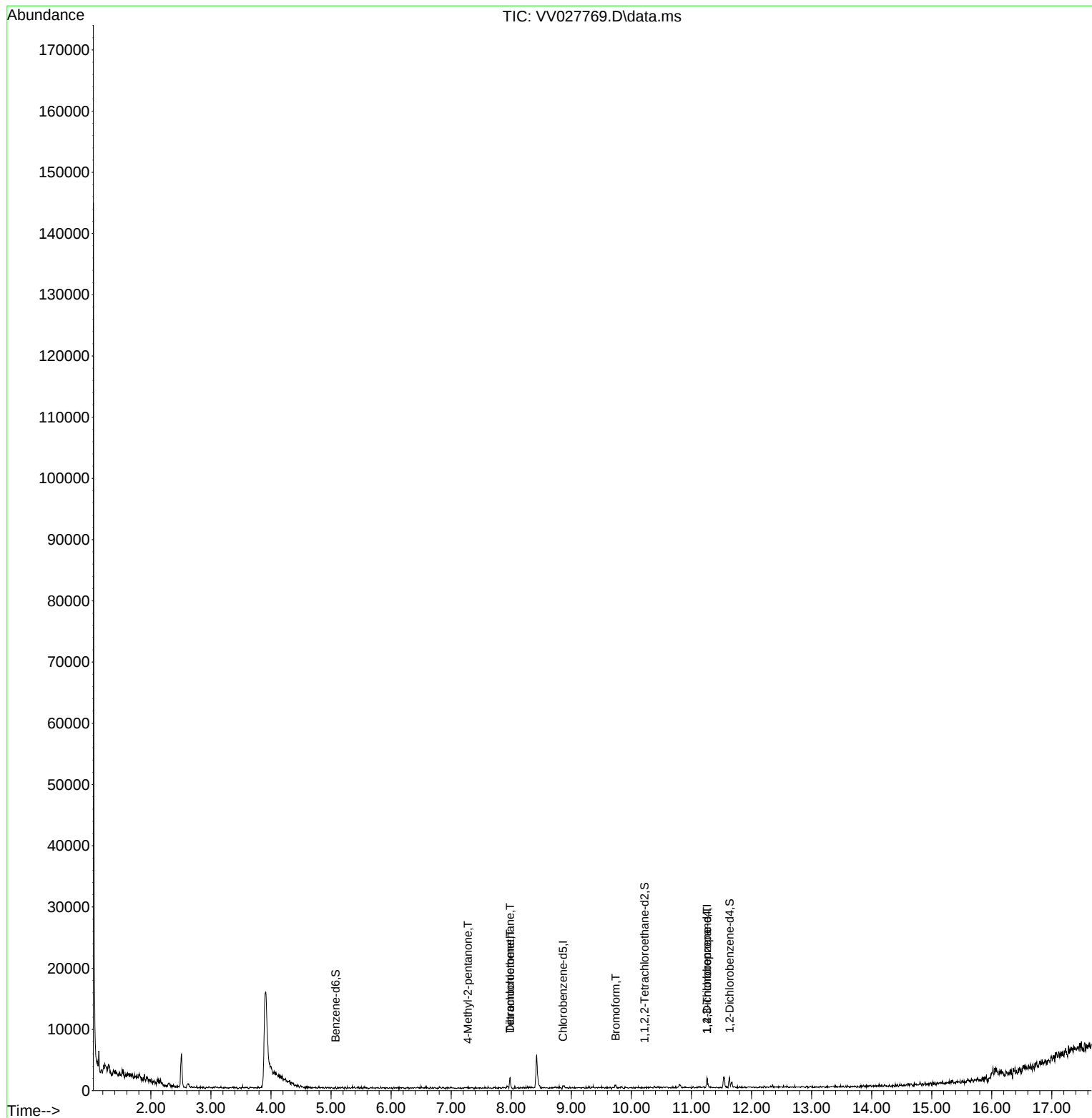
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 0.000  | 114   | 0        | 0.000    | ug/L   | -5.59    |
| 28) Chlorobenzene-d5          | 8.860  | 117   | 374      | 5.000    | ug/L   | # 0.00   |
| 58) 1,4-Dichlorobenzene-d4    | 11.259 | 152   | 653      | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.220  | 65    | 96       | 0.000    | ug/L   | -0.08    |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 0.000%#  |
| 7) Chloroethane-d5            | 1.799  | 69    | 43       | 0.000    | ug/L   | 0.24     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 0.000%#  |
| 11) 1,1-Dichloroethene-d2     | 2.011  | 63    | 51       | 0.000    | ug/L   | -0.09    |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 0.000%#  |
| 20) 2-Butanone-d5             | 3.921  | 46    | 242      | 0.000    | ug/L   | -0.02    |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 0.000%#  |
| 24) Chloroform-d              | 0.000  | 84    | 0        | 0.000    | ug/L   |          |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 0.000%#  |
| 26) 1,2-Dichloroethane-d4     | 0.000  | 65    | 0        | 0.000    | ug/L   |          |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 0.000%#  |
| 32) Benzene-d6                | 5.076  | 84    | 19       | 0.175    | ug/L   | 0.05     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 3.600%#  |
| 36) 1,2-Dichloropropane-d6    | 0.000  | 67    | 0        | 0.000    | ug/L   |          |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 0.000%#  |
| 41) Toluene-d8                | 0.000  | 98    | 0        | 0.000    | ug/L   |          |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 0.000%#  |
| 43) trans-1,3-Dichloroprop... | 0.000  | 79    | 0        | 0.000    | ug/L   |          |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 0.000%#  |
| 46) 2-Hexanone-d5             | 0.000  | 63    | 0        | 0.000    | ug/L   |          |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 0.000%#  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.220 | 84    | 40       | 1.961    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 39.200%# |
| 66) 1,2-Dichlorobenzene-d4    | 11.635 | 152   | 444      | 4.139    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 82.800%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 40) 4-Methyl-2-pentanone      | 7.278  | 43    | 53       | 3.989    | ug/L # | 44       |
| 47) Tetrachloroethene         | 7.982  | 164   | 465      | 18.742   | ug/L # | 74       |
| 49) Dibromochloromethane      | 7.982  | 129   | 309      | 12.816   | ug/L # | 10       |
| 59) Bromoform                 | 9.741  | 173   | 307      | 7.767    | ug/L # | 93       |
| 61) 1,2,3-Trichloropropane    | 11.259 | 75    | 21       | 0.406    | ug/L # | 1        |
| -----                         |        |       |          |          |        |          |

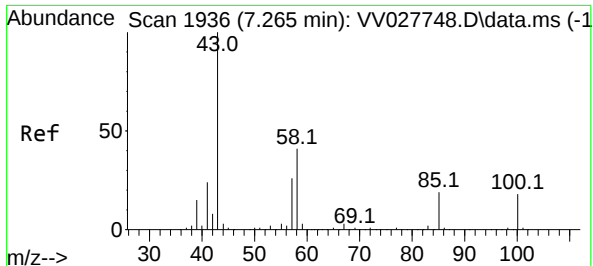
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 07 06:13:02 2022  
Response via : Initial Calibration





#40

4-Methyl-2-pentanone

Concen: 3.989 ug/L

RT: 7.278 min Scan# 1936

Delta R.T. 0.013 min

Lab File: VV027769.D

Acq: 07 Sep 2022 02:35

Instrument :

MSVOA\_V

ClientSampleId :

VIBLK288

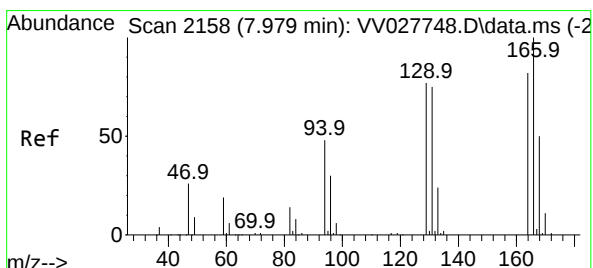
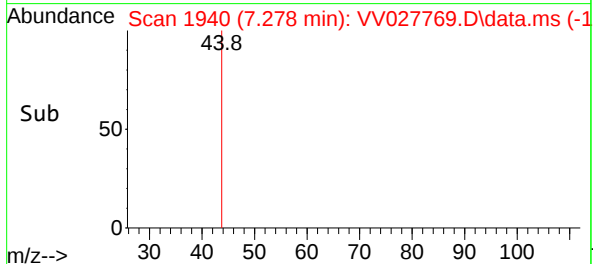
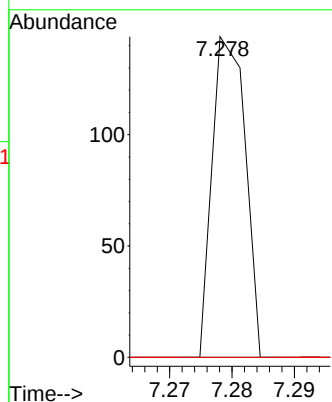
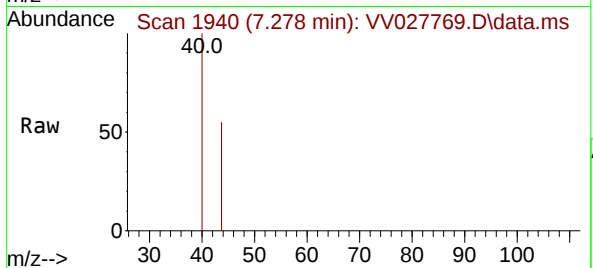
Tgt Ion: 43 Resp: 53

Ion Ratio Lower Upper

43 100

58 0.0 30.9 46.3#

100 0.0 13.4 20.0#



#47

Tetrachloroethene

Concen: 18.742 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.003 min

Lab File: VV027769.D

Acq: 07 Sep 2022 02:35

Tgt Ion: 164 Resp: 465

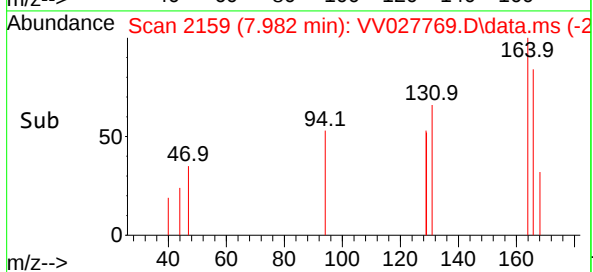
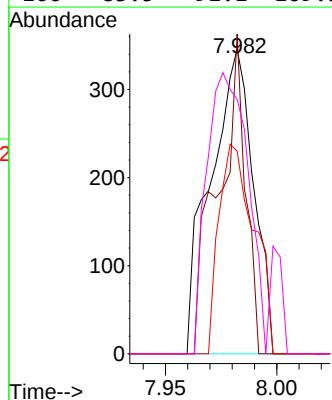
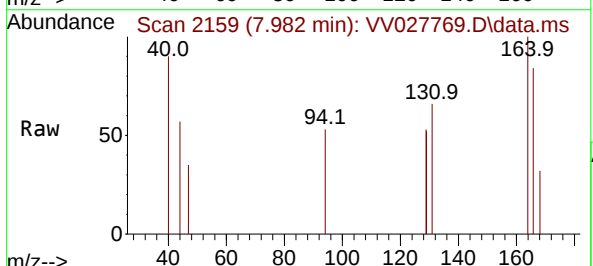
Ion Ratio Lower Upper

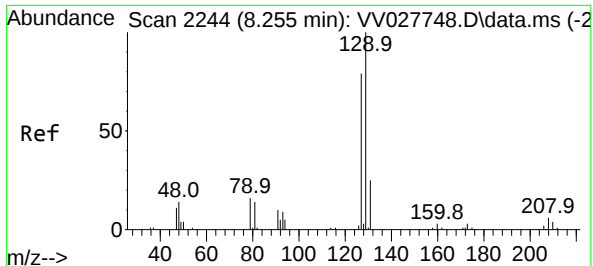
164 100

129 104.9 67.2 124.8

131 66.5 61.5 114.3

166 83.5 91.1 169.3#





#49

Dibromochloromethane

Concen: 12.816 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. -0.273 min

Lab File: VV027769.D

Acq: 07 Sep 2022 02:35

Instrument :

MSVOA\_V

ClientSampleId :

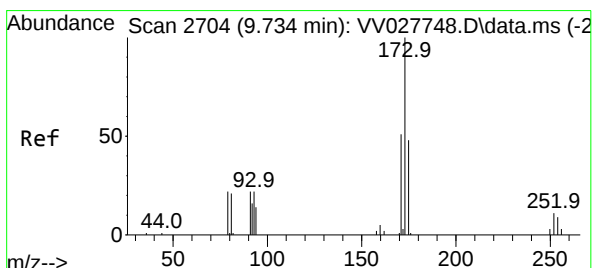
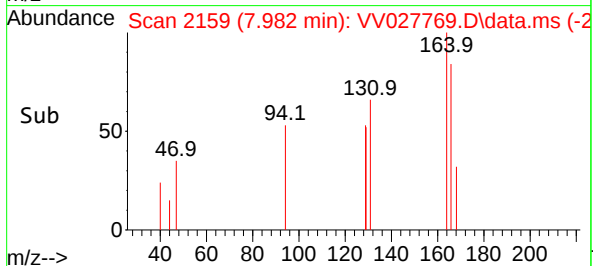
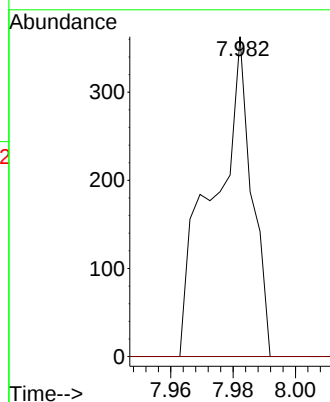
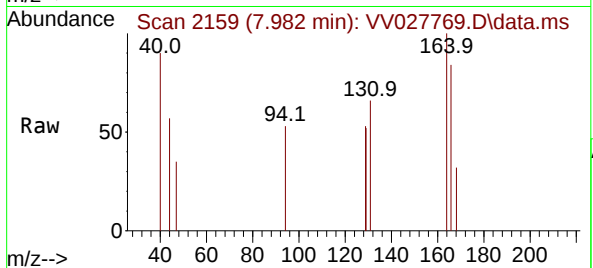
VIBLK288

Tgt Ion:129 Resp: 309

Ion Ratio Lower Upper

129 100

127 0.0 55.2 102.6#



#59

Bromoform

Concen: 7.767 ug/L

RT: 9.741 min Scan# 2706

Delta R.T. 0.007 min

Lab File: VV027769.D

Acq: 07 Sep 2022 02:35

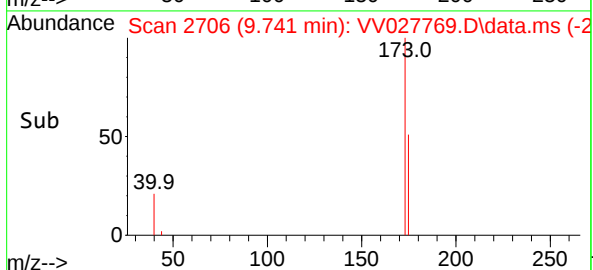
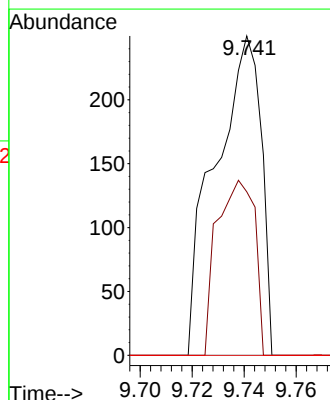
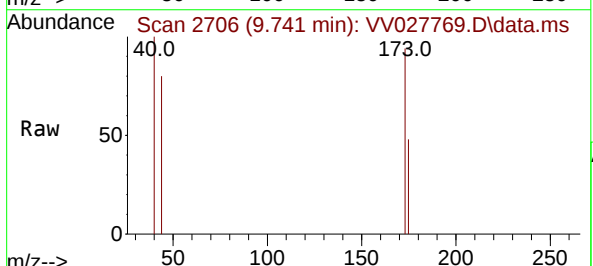
Tgt Ion:173 Resp: 307

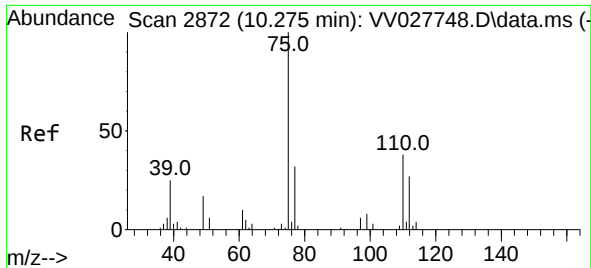
Ion Ratio Lower Upper

173 100

175 45.0 38.4 57.6

254 0.0 6.8 10.2#





#61

1,2,3-Trichloropropane

Concen: 0.406 ug/L

RT: 11.259 min Scan# 31

Delta R.T. 0.984 min

Lab File: VV027769.D

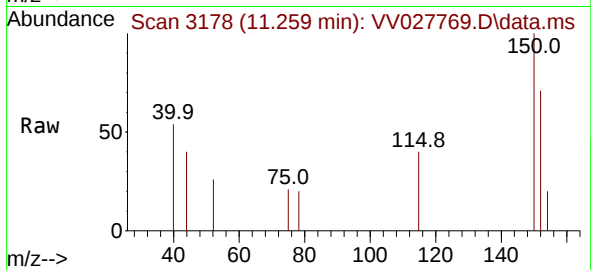
Acq: 07 Sep 2022 02:35

Instrument :

MSVOA\_V

ClientSampleId :

VIBLK288



Tgt Ion: 75 Resp: 21

Ion Ratio Lower Upper

75 100

77 185.7 27.6 41.4#

110 0.0 35.6 53.4#

