

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV063022\  
 Data File : VV026599.D  
 Acq On : 30 Jun 2022 11:47  
 Operator : SY/MD  
 Sample : VV0630WBL01  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK222

Quant Time: Jul 01 00:20:13 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM062922WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jul 01 00:19:36 2022  
 Response via : Initial Calibration

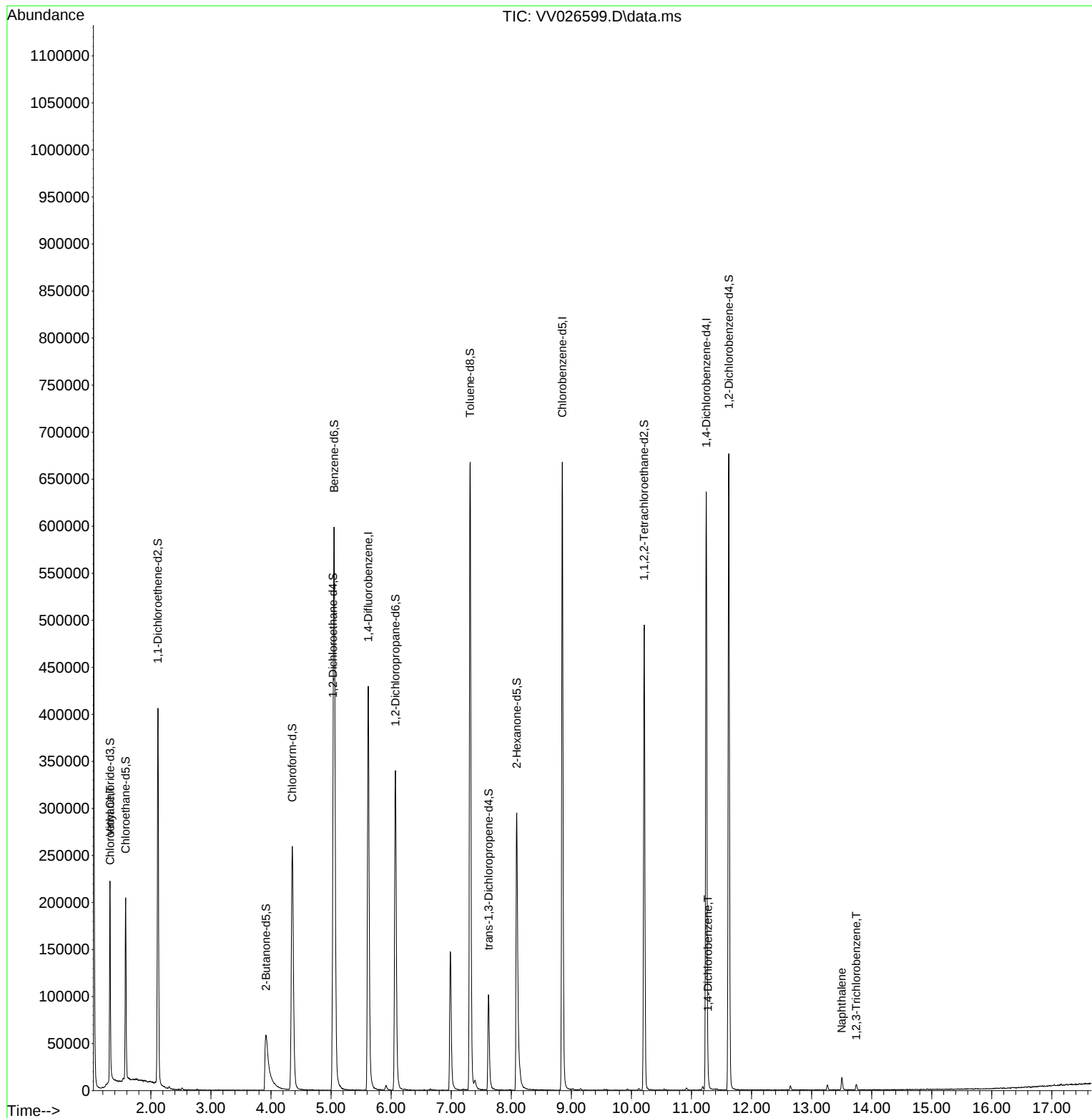
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.619   | 114   | 385565   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.850   | 117   | 382428   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.246  | 152   | 173585   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.320   | 65    | 145919   | 46.427   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 92.860%  |
| 7) Chloroethane-d5            | 1.581   | 69    | 125583   | 46.590   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 93.180%  |
| 11) 1,1-Dichloroethene-d2     | 2.118   | 63    | 208111   | 35.150   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 70.300%  |
| 21) 2-Butanone-d5             | 3.915   | 46    | 156203   | 99.266   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 99.270%  |
| 24) Chloroform-d              | 4.355   | 84    | 276675   | 45.590   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 91.180%  |
| 26) 1,2-Dichloroethane-d4     | 5.034   | 65    | 162313   | 47.004   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 94.000%  |
| 32) Benzene-d6                | 5.053   | 84    | 544649   | 46.836   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 93.680%  |
| 36) 1,2-Dichloropropane-d6    | 6.072   | 67    | 175288   | 47.856   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 95.720%  |
| 41) Toluene-d8                | 7.317   | 98    | 452543   | 44.305   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 88.620%  |
| 43) trans-1,3-Dichloroprop... | 7.622   | 79    | 61276    | 41.667   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 83.340%  |
| 47) 2-Hexanone-d5             | 8.092   | 63    | 107286   | 84.690   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 84.690%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214  | 84    | 239839   | 45.350   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 90.700%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.622  | 152   | 176132   | 51.846   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 103.700% |
| Target Compounds              |         |       |          |          |        |          |
| 8) Chloroethane               | 1.323   | 64    | 16610    | 6.817    | ug/L # | 66       |
| 65) 1,4-Dichlorobenzene       | 11.275  | 146   | 2617     | 0.471    | ug/L # | 77       |
| 71) Naphthalene               | 13.503  | 128   | 11847    | 1.331    | ug/L   | 97       |
| 72) 1,2,3-Trichlorobenzene    | 13.744  | 180   | 2183     | 0.694    | ug/L   | 94       |

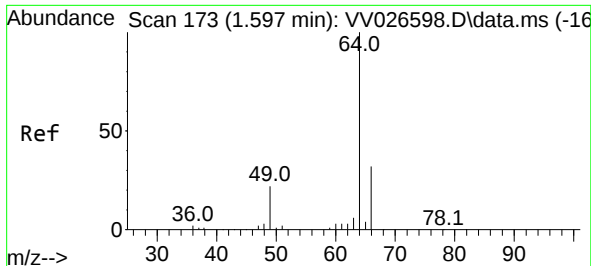
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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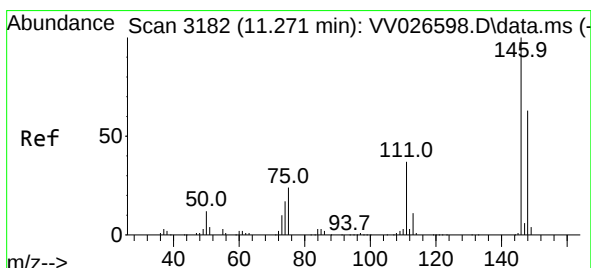
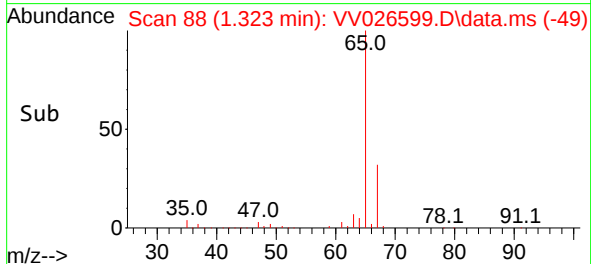
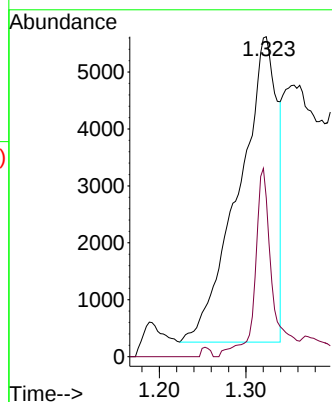
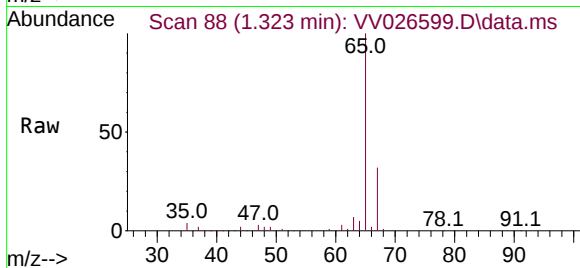




#8  
Chloroethane  
Concen: 6.817 ug/L  
RT: 1.323 min Scan# 81  
Delta R.T. -0.273 min  
Lab File: VV026599.D  
Acq: 30 Jun 2022 11:47

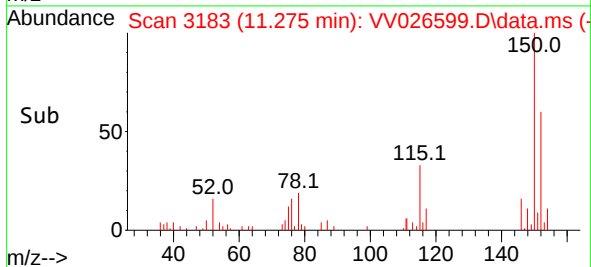
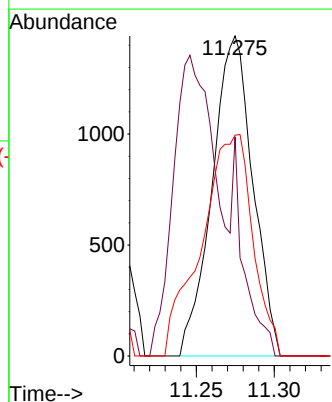
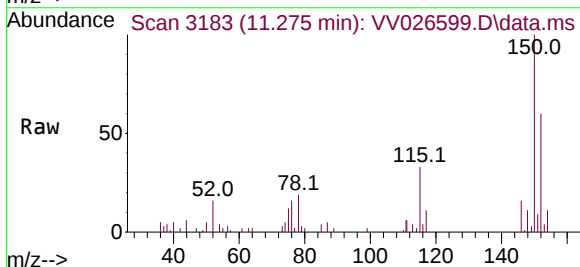
Instrument :  
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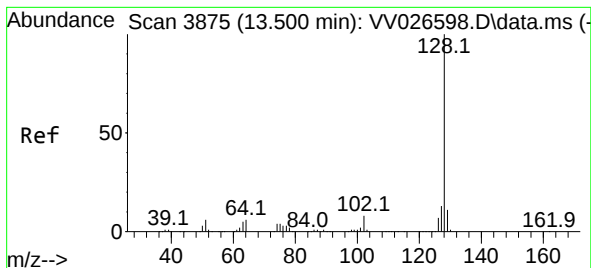
Tgt Ion: 64 Resp: 16610  
Ion Ratio Lower Upper  
64 100  
66 49.5 21.6 40.0#



#65  
1,4-Dichlorobenzene  
Concen: 0.471 ug/L  
RT: 11.275 min Scan# 3183  
Delta R.T. 0.003 min  
Lab File: VV026599.D  
Acq: 30 Jun 2022 11:47

Tgt Ion:146 Resp: 2617  
Ion Ratio Lower Upper  
146 100  
111 68.5 26.4 49.0#  
148 69.0 44.9 83.3





#71

Naphthalene

Concen: 1.331 ug/L

RT: 13.503 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV026599.D

Acq: 30 Jun 2022 11:47

Instrument :

MSVOA\_V

ClientSampleId :

VBLK222

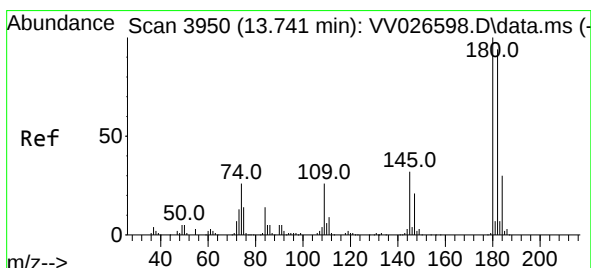
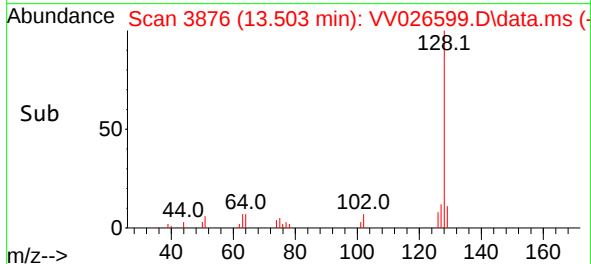
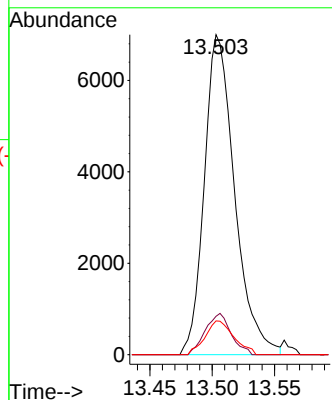
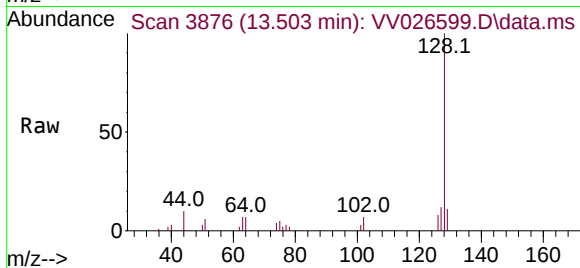
Tgt Ion:128 Resp: 11847

Ion Ratio Lower Upper

128 100

127 10.9 10.2 15.2

129 10.0 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 0.694 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.003 min

Lab File: VV026599.D

Acq: 30 Jun 2022 11:47

Tgt Ion:180 Resp: 2183

Ion Ratio Lower Upper

180 100

182 101.1 76.1 114.1

145 30.9 26.3 39.5

