

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV011924\  
 Data File : VV033778.D  
 Acq On : 20 Jan 2024 01:34  
 Operator : SY/MD  
 Sample : P1189-19  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Jan 20 03:54:49 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM011024WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jan 19 23:43:59 2024  
 Response via : Initial Calibration

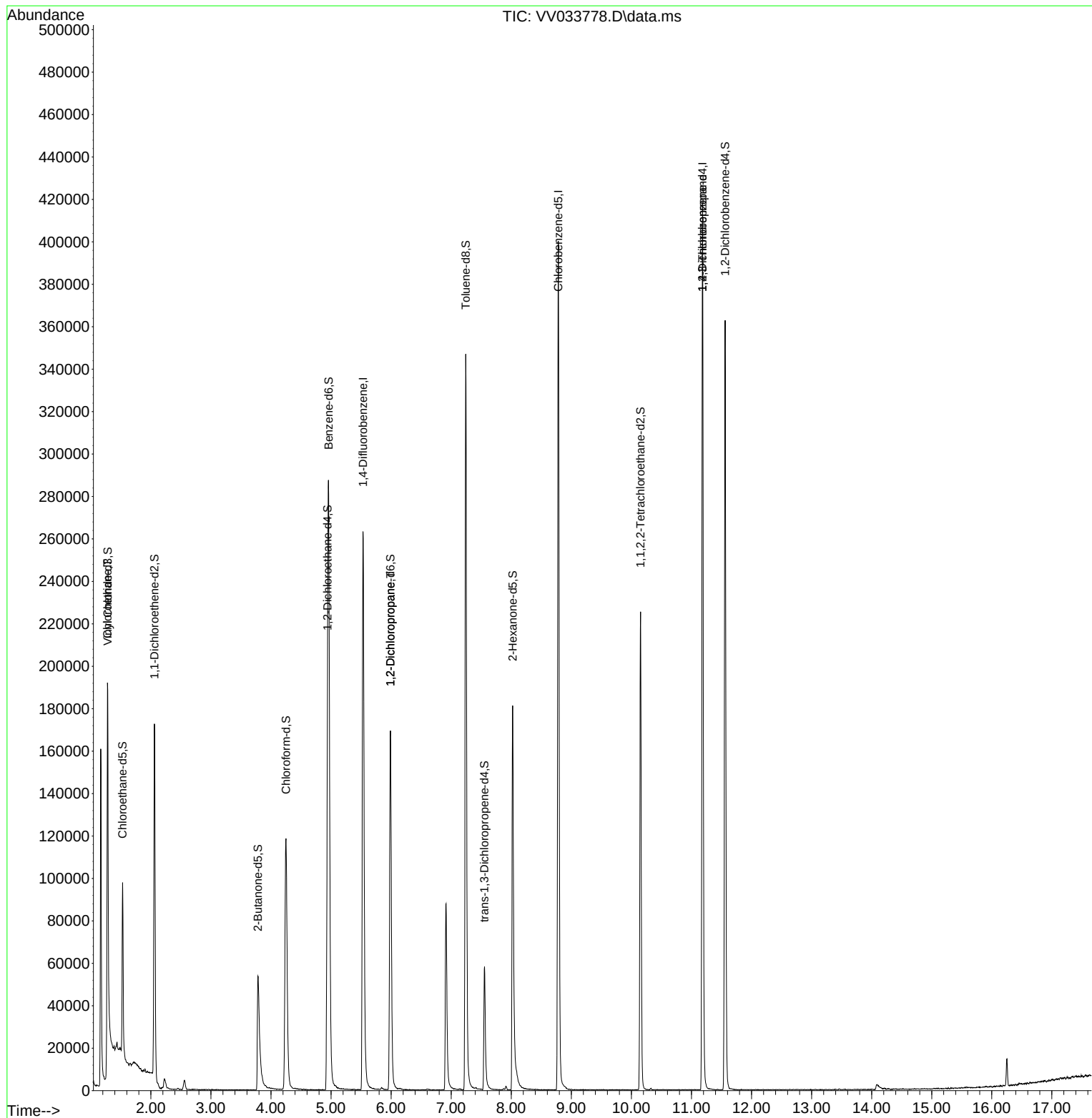
| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) 1,4-Difluorobenzene        | 5.532          | 114  | 226121     | 50.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.783          | 117  | 213443     | 50.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185         | 152  | 103573     | 50.000  | ug/L   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 4) Vinyl Chloride-d3          | 1.282          | 65   | 59009      | 33.955  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 67.920% |        |          |
| 7) Chloroethane-d5            | 1.529          | 69   | 52079      | 37.841  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 75.680% |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.060          | 65   | 28821      | 38.535  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 77.080% |        |          |
| 21) 2-Butanone-d5             | 3.783          | 46   | 85873      | 72.041  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 72.040% |        |          |
| 24) Chloroform-d              | 4.249          | 84   | 127685     | 41.090  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 82.180% |        |          |
| 26) 1,2-Dichloroethane-d4     | 4.941          | 65   | 89557      | 44.604  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 89.200% |        |          |
| 32) Benzene-d6                | 4.960          | 84   | 247579     | 40.800  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 81.600% |        |          |
| 36) 1,2-Dichloropropane-d6    | 5.989          | 67   | 80876      | 40.491  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 80.980% |        |          |
| 41) Toluene-d8                | 7.243          | 98   | 225481     | 41.241  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 82.480% |        |          |
| 43) trans-1,3-Dichloroprop... | 7.555          | 79   | 35117      | 35.574  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 71.140% |        |          |
| 47) 2-Hexanone-d5             | 8.024          | 63   | 64049      | 77.305  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 77.310% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153         | 84   | 106506     | 41.768  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 83.540% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.561         | 152  | 89119      | 45.352  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 90.700% |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         |        | Qvalue   |
| 8) Chloroethane               | 1.278          | 64   | 156871     | 128.557 | ug/L # | 54       |
| 37) 1,2-Dichloropropane       | 5.989          | 63   | 9853       | 5.711   | ug/L # | 88       |
| 61) 1,2,3-Trichloropropane    | 11.185         | 75   | 13318      | 7.245   | ug/L # | 66       |
| -----                         |                |      |            |         |        |          |

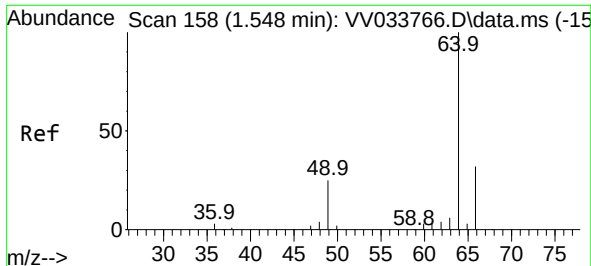
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Fri Jan 19 23:43:59 2024  
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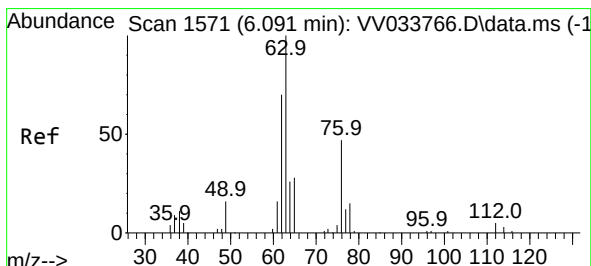
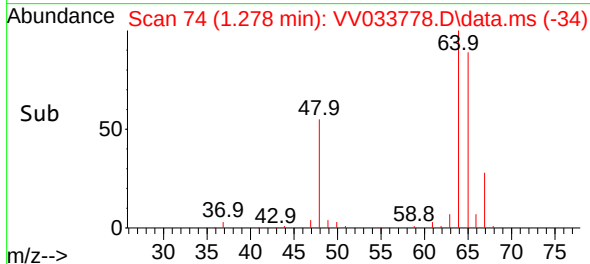
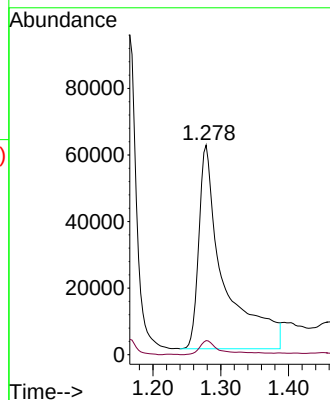
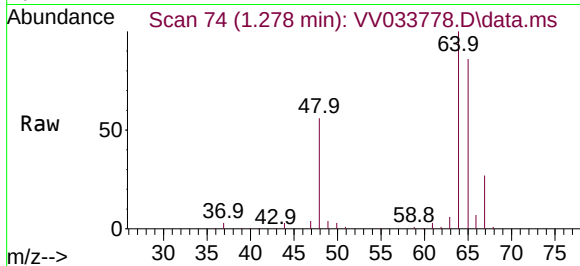




#8  
Chloroethane  
Concen: 128.557 ug/L  
RT: 1.278 min Scan# 74  
Delta R.T. -0.270 min  
Lab File: VV033778.D  
Acq: 20 Jan 2024 01:34

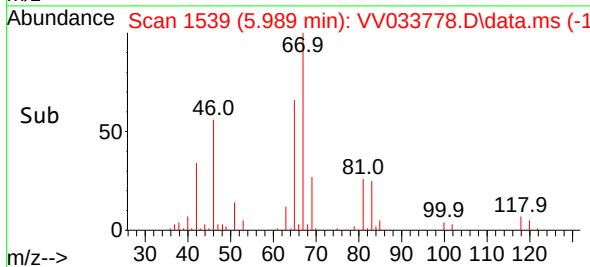
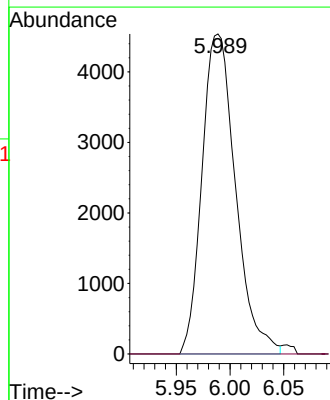
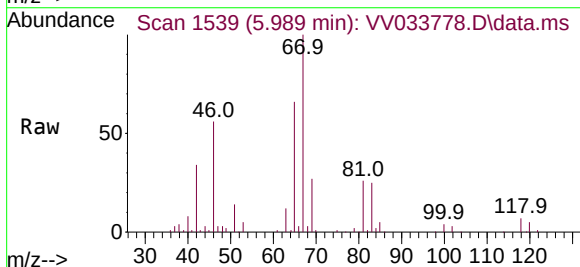
Instrument :  
MSVOA\_V  
ClientSampleId :

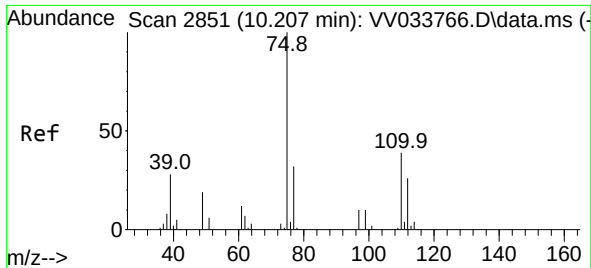
Tgt Ion: 64 Resp: 156871  
Ion Ratio Lower Upper  
64 100  
66 6.7 22.5 41.9#



#37  
1,2-Dichloropropane  
Concen: 5.711 ug/L  
RT: 5.989 min Scan# 1539  
Delta R.T. -0.103 min  
Lab File: VV033778.D  
Acq: 20 Jan 2024 01:34

Tgt Ion: 63 Resp: 9853  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.1 4.7#





#61

1,2,3-Trichloropropane

Concen: 7.245 ug/L

RT: 11.185 min Scan# 31

Delta R.T. 0.978 min

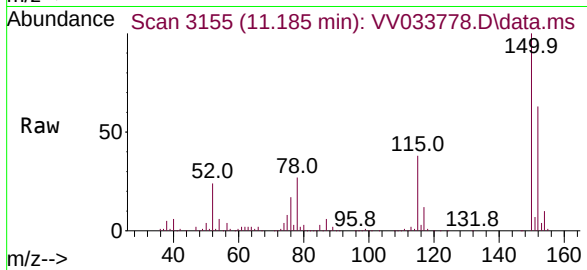
Lab File: VV033778.D

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Instrument :

MSVOA\_V

ClientSampleId :



Tgt Ion: 75 Resp: 13318

Ion Ratio Lower Upper

75 100

77 34.8 25.3 37.9

110 2.8 29.5 44.3#

