

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV011924\  
 Data File : VV033754.D  
 Acq On : 19 Jan 2024 15:13  
 Operator : SY/MD  
 Sample : P1190-05  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Jan 19 22:23:44 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM011024WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jan 19 22:20:26 2024  
 Response via : Initial Calibration

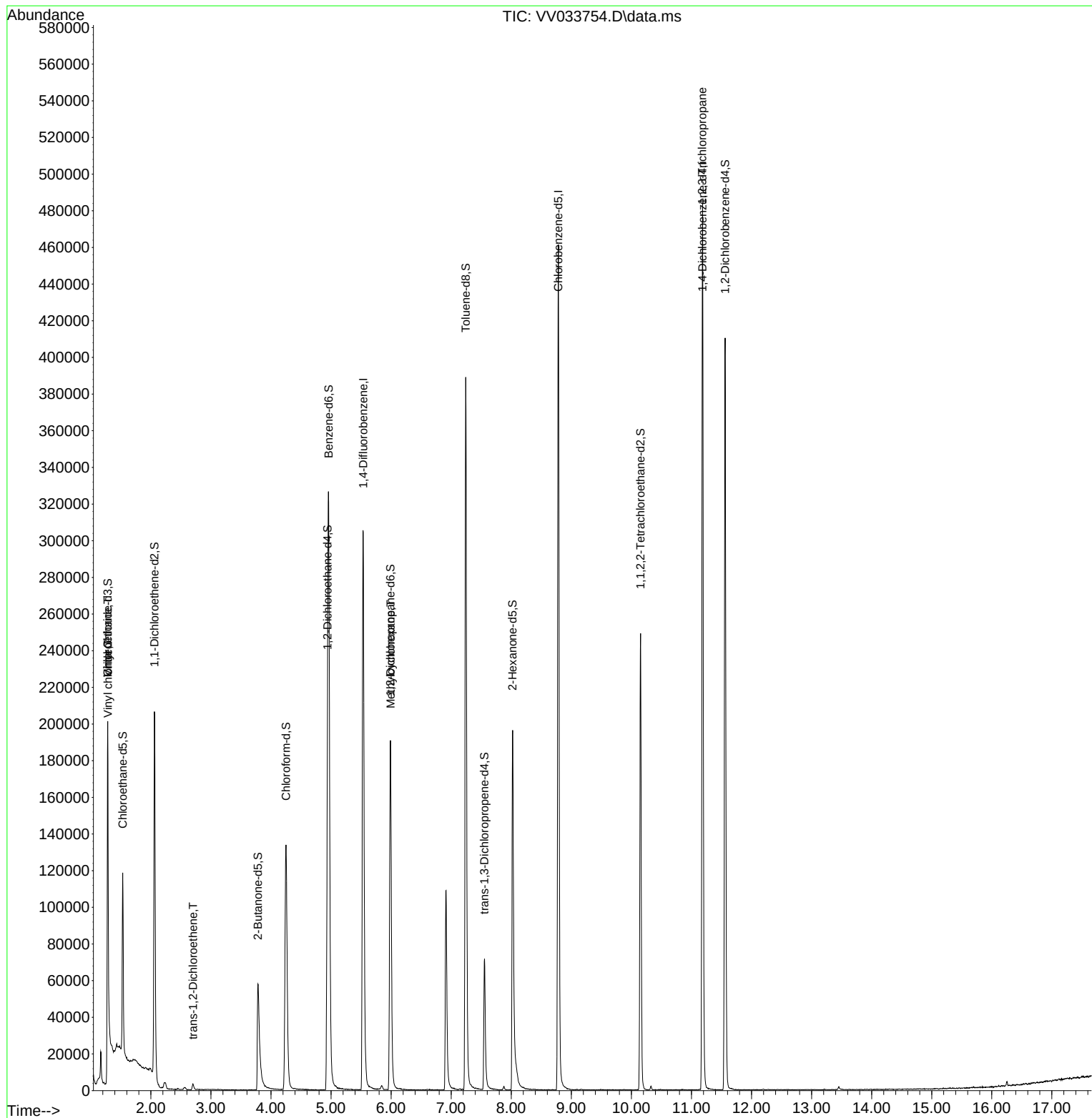
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.535   | 114   | 254931   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.783   | 117   | 241133   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185  | 152   | 119563   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.281   | 65    | 74231    | 37.887   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 75.780%  |
| 7) Chloroethane-d5            | 1.532   | 69    | 63259    | 40.770   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 81.540%  |
| 11) 1,1-Dichloroethene-d2     | 2.060   | 65    | 34304    | 40.683   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 81.360%  |
| 21) 2-Butanone-d5             | 3.783   | 46    | 95658    | 71.181   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 71.180%  |
| 24) Chloroform-d              | 4.249   | 84    | 141038   | 40.257   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 80.520%  |
| 26) 1,2-Dichloroethane-d4     | 4.940   | 65    | 97665    | 43.145   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 86.300%  |
| 32) Benzene-d6                | 4.960   | 84    | 283389   | 41.339   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 82.680%  |
| 36) 1,2-Dichloropropane-d6    | 5.989   | 67    | 90323    | 40.028   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 80.060%  |
| 41) Toluene-d8                | 7.243   | 98    | 257972   | 41.766   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 83.540%  |
| 43) trans-1,3-Dichloroprop... | 7.555   | 79    | 42141    | 37.787   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 75.580%  |
| 47) 2-Hexanone-d5             | 8.021   | 63    | 71046    | 75.904   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 75.900%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.152  | 84    | 117064   | 40.637   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 81.280%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.561  | 152   | 100807   | 44.439   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 88.880%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 5) Vinyl chloride             | 1.285   | 62    | 6253     | 2.710    | ug/L # | 1        |
| 8) Chloroethane               | 1.281   | 64    | 136415   | 99.160   | ug/L # | 57       |
| 17) trans-1,2-Dichloroethene  | 2.703   | 96    | 1298     | 0.759    | ug/L   | 91       |
| 35) Methylcyclohexane         | 5.992   | 83    | 21197    | 6.520    | ug/L # | 16       |
| 61) 1,2,3-Trichloropropane    | 11.181  | 75    | 14945    | 7.043    | ug/L # | 68       |
| -----                         |         |       |          |          |        |          |

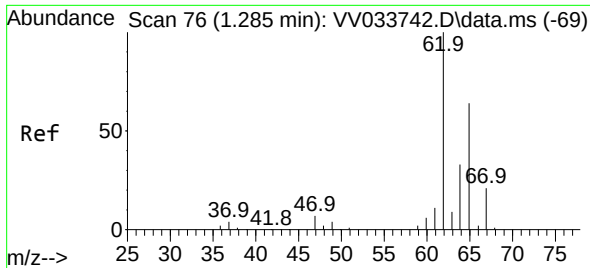
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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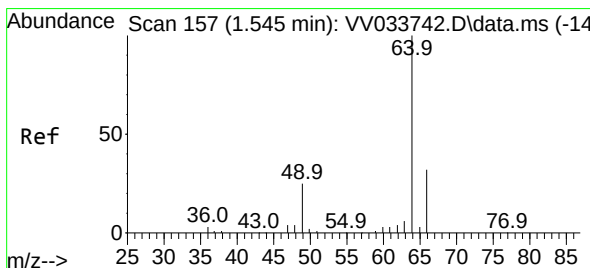
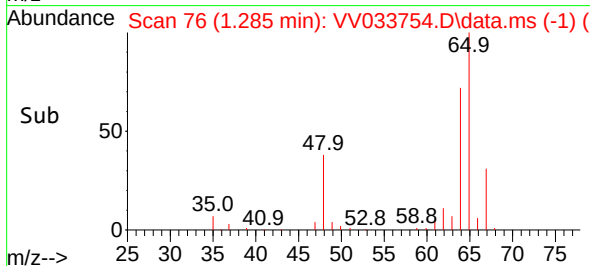
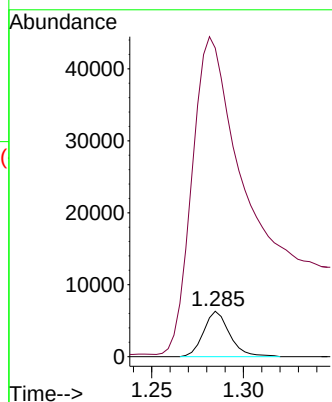
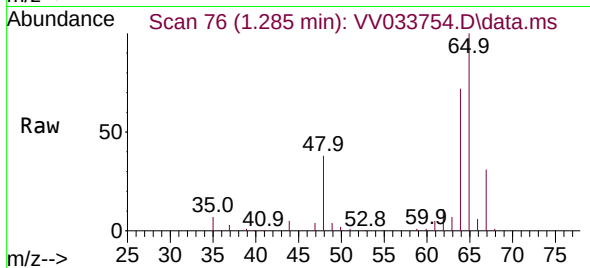




#5  
 Vinyl chloride  
 Concen: 2.710 ug/L  
 RT: 1.285 min Scan# 70  
 Delta R.T. -0.000 min  
 Lab File: VV033754.D  
 Acq: 19 Jan 2024 15:13

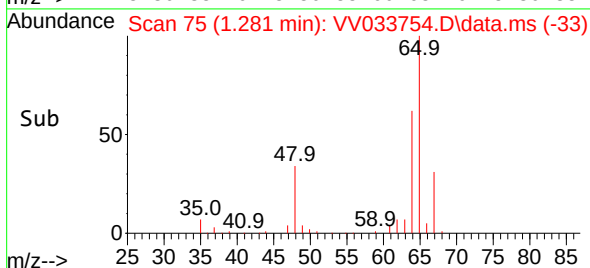
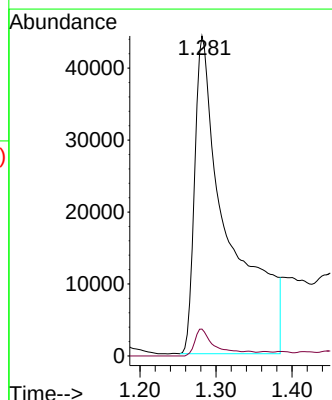
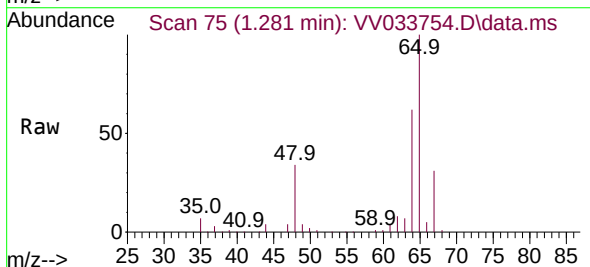
Instrument :  
 MSVOA\_V  
 ClientSampleId :

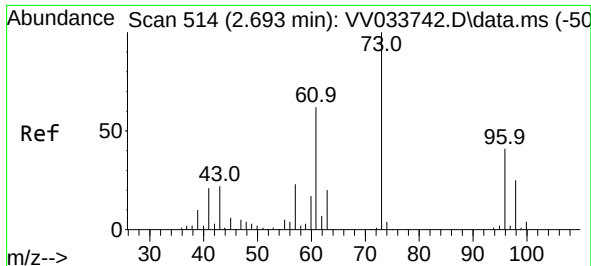
Tgt Ion: 62 Resp: 6253  
 Ion Ratio Lower Upper  
 62 100  
 64 679.8 23.2 43.0#



#8  
 Chloroethane  
 Concen: 99.160 ug/L  
 RT: 1.281 min Scan# 75  
 Delta R.T. -0.264 min  
 Lab File: VV033754.D  
 Acq: 19 Jan 2024 15:13

Tgt Ion: 64 Resp: 136415  
 Ion Ratio Lower Upper  
 64 100  
 66 8.4 22.5 41.9#





#17

trans-1,2-Dichloroethene

Concen: 0.759 ug/L

RT: 2.703 min Scan# 514

Delta R.T. 0.010 min

Lab File: VV033754.D

Acq: 19 Jan 2024 15:13

Instrument :

MSVOA\_V

ClientSampleId :

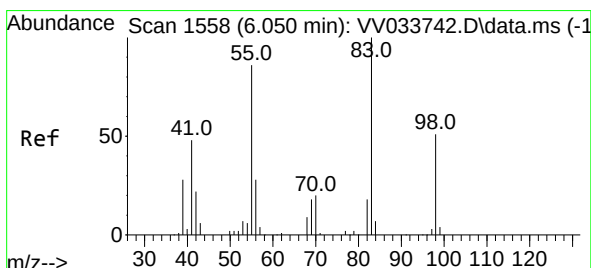
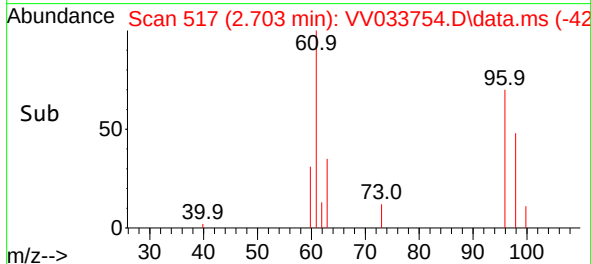
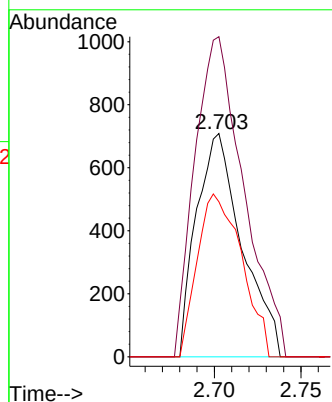
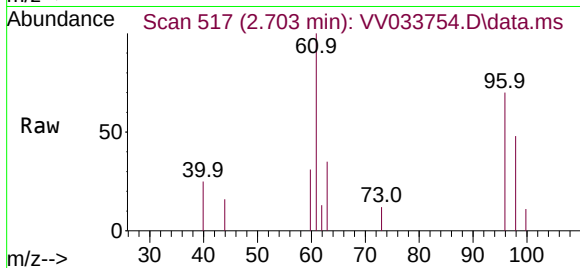
Tgt Ion: 96 Resp: 1298

Ion Ratio Lower Upper

96 100

61 143.3 108.4 201.4

98 69.4 43.8 81.4



#35

Methylcyclohexane

Concen: 6.520 ug/L

RT: 5.992 min Scan# 1540

Delta R.T. -0.058 min

Lab File: VV033754.D

Acq: 19 Jan 2024 15:13

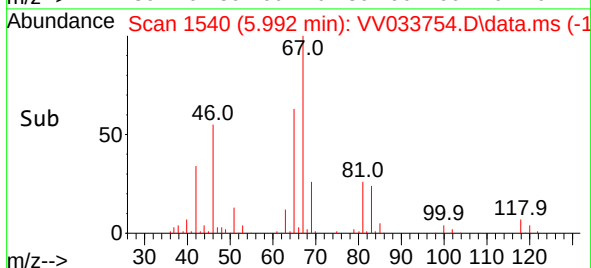
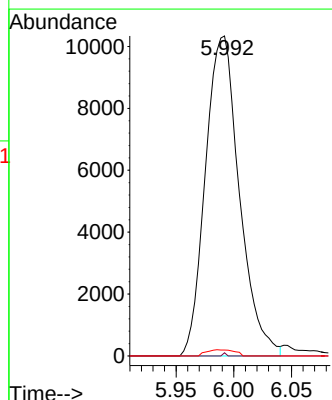
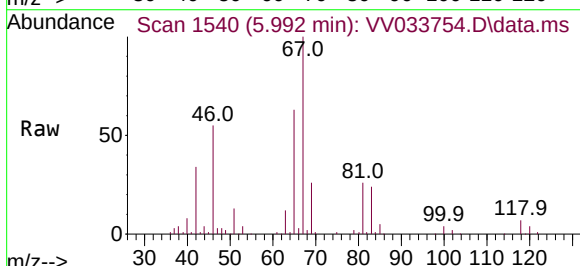
Tgt Ion: 83 Resp: 21197

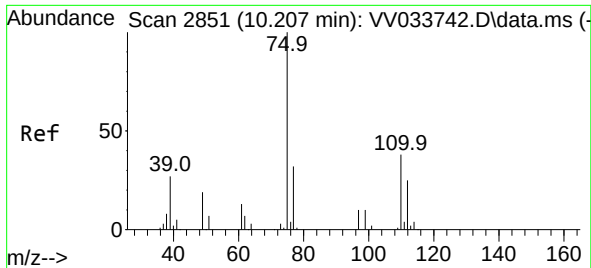
Ion Ratio Lower Upper

83 100

55 0.0 67.1 100.7#

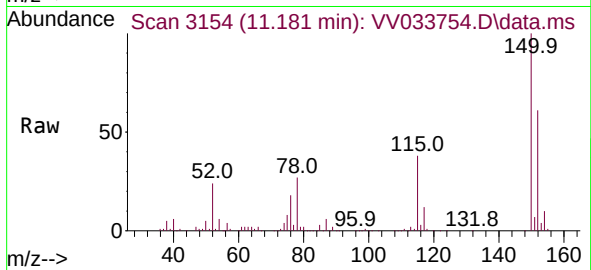
98 0.9 37.7 56.5#





#61  
 1,2,3-Trichloropropane  
 Concen: 7.043 ug/L  
 RT: 11.181 min Scan# 31  
 Delta R.T. 0.974 min  
 Lab File: VV033754.D  
 Acq: 19 Jan 2024 15:13

Instrument :  
 MSVOA\_V  
 ClientSampleId :



Tgt Ion: 75 Resp: 14945  
 Ion Ratio Lower Upper  
 75 100  
 77 33.4 25.3 37.9  
 110 2.8 29.5 44.3#

