

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV091924\  
 Data File : VV037386.D  
 Acq On : 19 Sep 2024 16:38  
 Operator : SY/MD  
 Sample : P3986-17 10X  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BH8N7

Quant Time: Sep 20 01:59:20 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR091024WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Sep 20 01:54:17 2024  
 Response via : Initial Calibration

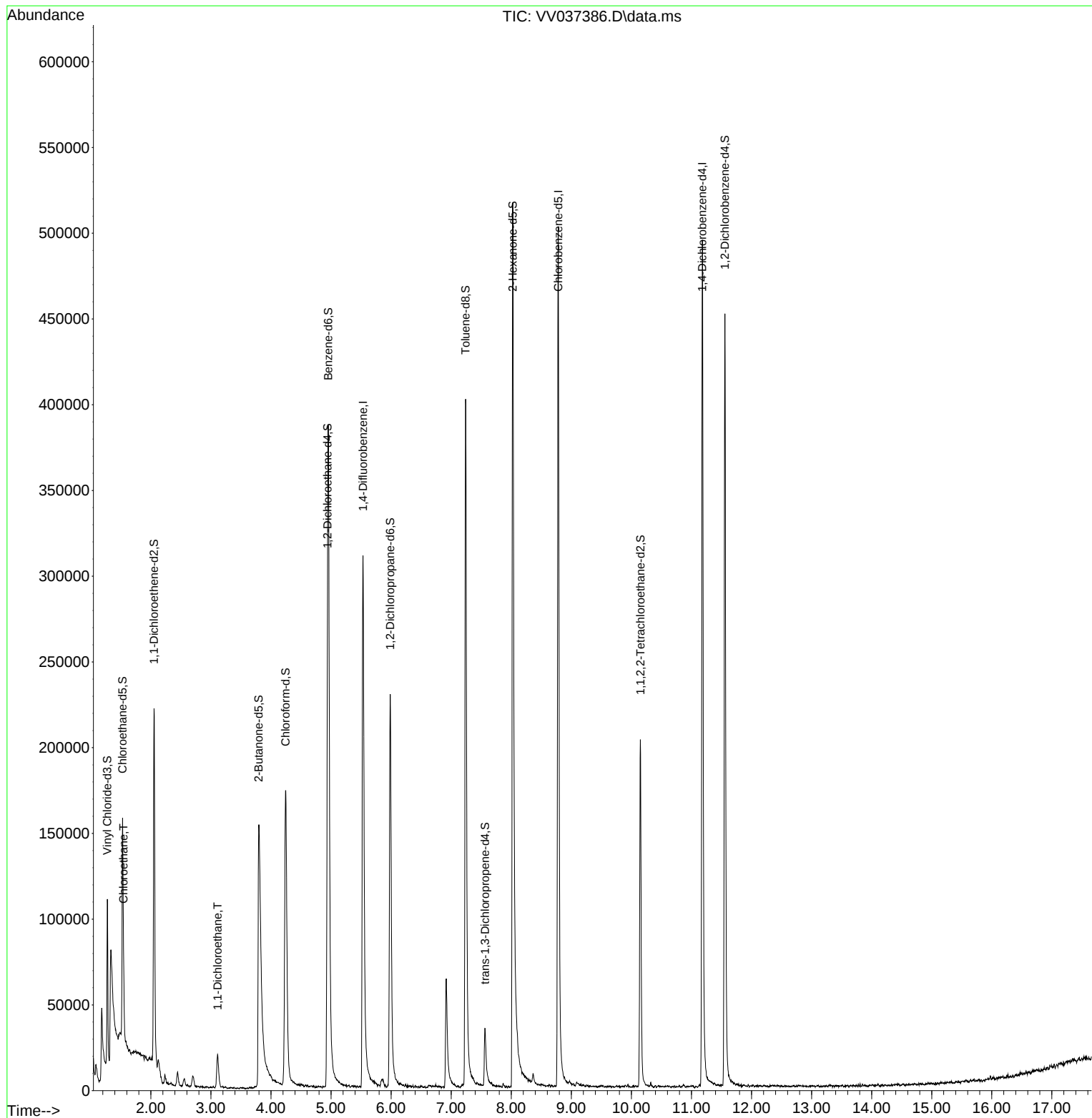
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.532  | 114   | 296366   | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.783  | 117   | 299284   | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.181 | 152   | 135938   | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.275  | 65    | 62442    | 3.591    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 71.800%  |
| 7) Chloroethane-d5            | 1.529  | 69    | 78547    | 4.333    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 86.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.053  | 65    | 33684    | 3.751    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 75.000%  |
| 20) 2-Butanone-d5             | 3.796  | 46    | 258359   | 49.721   | ug/L  | -0.04    |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 99.440%  |
| 24) Chloroform-d              | 4.243  | 84    | 194029   | 4.596    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 92.000%  |
| 26) 1,2-Dichloroethane-d4     | 4.940  | 65    | 95206    | 4.817    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 96.400%  |
| 32) Benzene-d6                | 4.953  | 84    | 358632   | 4.469    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 89.400%  |
| 36) 1,2-Dichloropropane-d6    | 5.985  | 67    | 123676   | 4.956    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 99.200%  |
| 41) Toluene-d8                | 7.239  | 98    | 290656   | 4.020    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 80.400%  |
| 43) trans-1,3-Dichloroprop... | 7.564  | 79    | 25768    | 3.139    | ug/L  | 0.01     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 62.800%  |
| 46) 2-Hexanone-d5             | 8.024  | 63    | 207896   | 51.839   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 103.680% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149 | 84    | 104548   | 5.140    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 102.800% |
| 66) 1,2-Dichlorobenzene-d4    | 11.558 | 152   | 121124   | 5.012    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 100.200% |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 8) Chloroethane               | 1.545  | 64    | 26401    | 1.521    | ug/L  | 83       |
| 19) 1,1-Dichloroethane        | 3.111  | 63    | 21365    | 0.512    | ug/L  | 98       |
| -----                         |        |       |          |          |       |          |

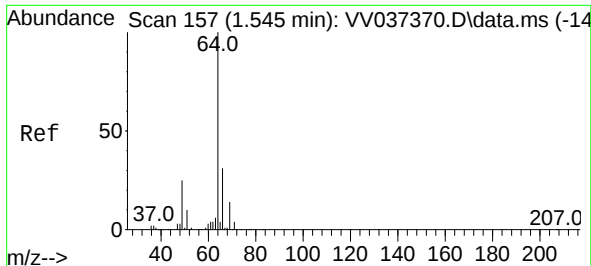
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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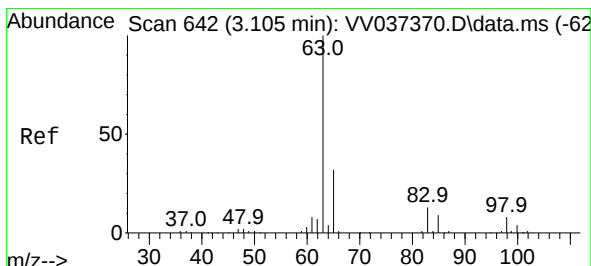
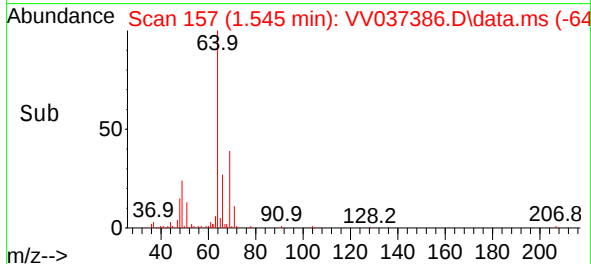
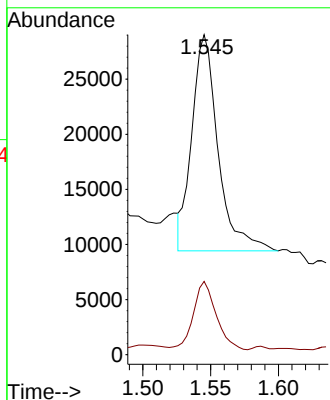
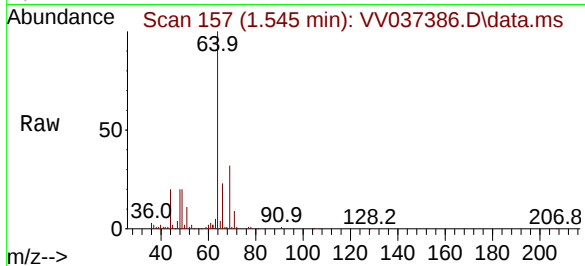




#8  
Chloroethane  
Concen: 1.521 ug/L  
RT: 1.545 min Scan# 157  
Delta R.T. -0.000 min  
Lab File: VV037386.D  
Acq: 19 Sep 2024 16:38

Instrument :  
MSVOA\_V  
ClientSampleId :  
BH8N7

Tgt Ion: 64 Resp: 26401  
Ion Ratio Lower Upper  
64 100  
66 22.9 22.7 42.1



#19  
1,1-Dichloroethane  
Concen: 0.512 ug/L  
RT: 3.111 min Scan# 644  
Delta R.T. 0.006 min  
Lab File: VV037386.D  
Acq: 19 Sep 2024 16:38

Tgt Ion: 63 Resp: 21365  
Ion Ratio Lower Upper  
63 100  
65 31.4 22.5 41.7  
83 14.0 8.9 16.5

