

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU072524\  
 Data File : VU060175.D  
 Acq On : 25 Jul 2024 16:43  
 Operator : MD/SY  
 Sample : P326-09DL 10X  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Jul 26 02:41:25 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM070224WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jul 26 02:39:04 2024  
 Response via : Initial Calibration

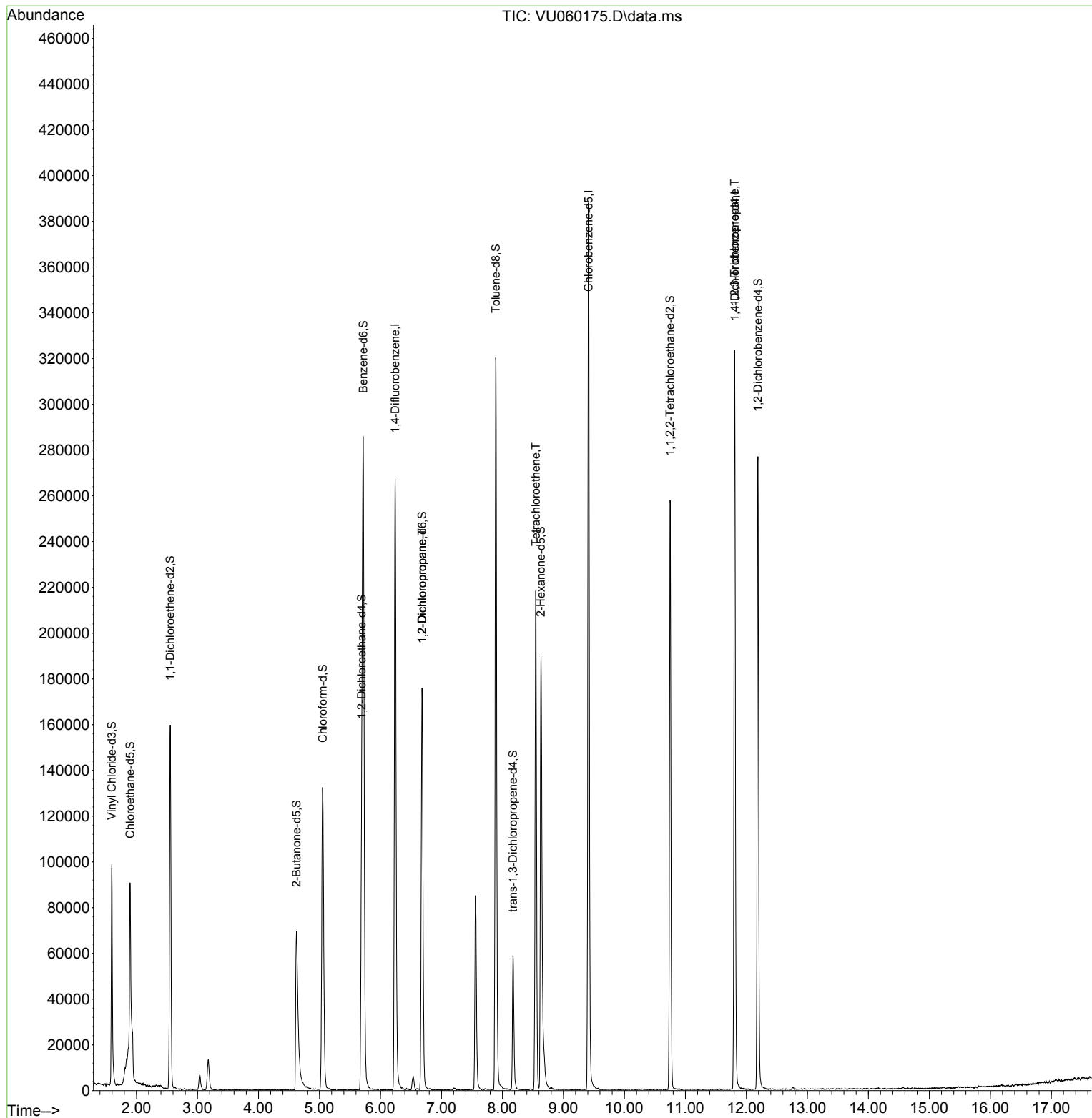
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242   | 114   | 228902   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412   | 117   | 227677   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.810  | 152   | 91616    | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.595   | 65    | 81284    | 55.306   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 110.620% |
| 7) Chloroethane-d5            | 1.894   | 69    | 51750    | 41.862   | ug/L   | -0.01    |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 83.720%  |
| 11) 1,1-Dichloroethene-d2     | 2.554   | 63    | 96960    | 37.135   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 74.260%  |
| 21) 2-Butanone-d5             | 4.624   | 46    | 113151   | 110.782  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 110.780% |
| 24) Chloroform-d              | 5.052   | 84    | 129306   | 45.432   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 90.860%  |
| 26) 1,2-Dichloroethane-d4     | 5.692   | 65    | 81166    | 47.963   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 95.920%  |
| 32) Benzene-d6                | 5.717   | 84    | 271551   | 46.577   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 93.160%  |
| 36) 1,2-Dichloropropane-d6    | 6.682   | 67    | 91982    | 50.976   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 101.960% |
| 41) Toluene-d8                | 7.891   | 98    | 221753   | 39.996   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 80.000%  |
| 43) trans-1,3-Dichloroprop... | 8.174   | 79    | 35689    | 42.268   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 84.540%  |
| 47) 2-Hexanone-d5             | 8.630   | 63    | 67799    | 89.156   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 89.160%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749  | 84    | 135682   | 48.991   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 97.980%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.190  | 152   | 77373    | 45.959   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 91.920%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 37) 1,2-Dichloropropane       | 6.682   | 63    | 9245     | 5.463    | ug/L # | 88       |
| 46) Tetrachloroethene         | 8.547   | 164   | 49201    | 36.453   | ug/L   | 91       |
| 60) 1,2,3-Trichloropropane    | 11.807  | 75    | 10270    | 5.907    | ug/L # | 66       |
| -----                         |         |       |          |          |        |          |

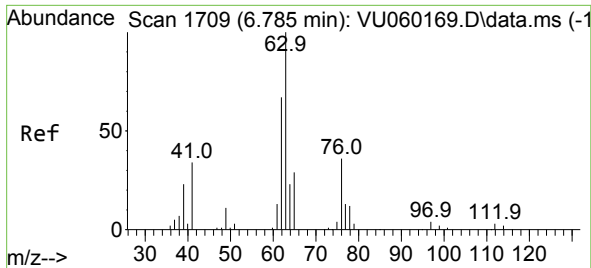
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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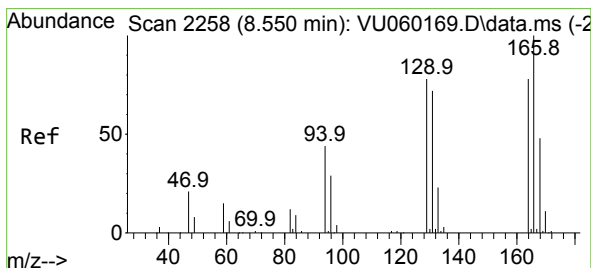
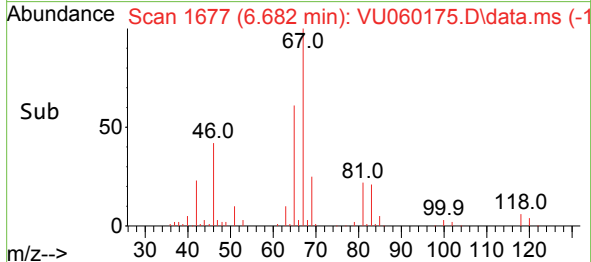
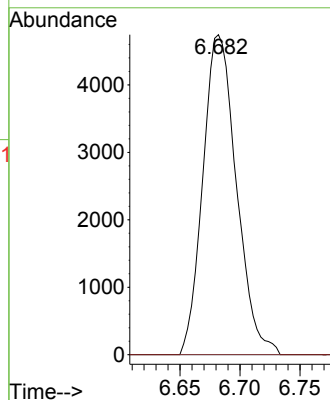
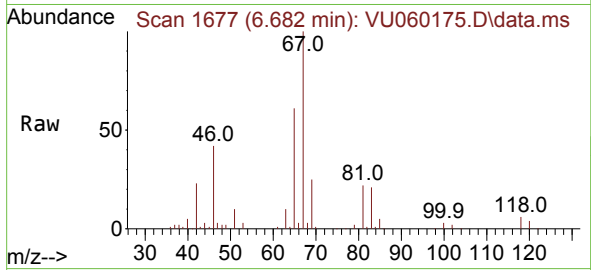




#37  
1,2-Dichloropropane  
Concen: 5.463 ug/L  
RT: 6.682 min Scan# 1  
Delta R.T. -0.103 min  
Lab File: VU060175.D  
Acq: 25 Jul 2024 16:43

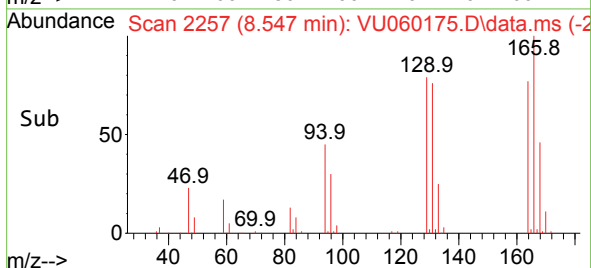
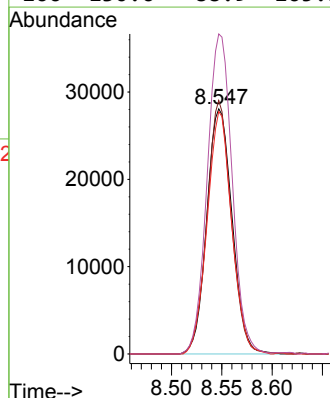
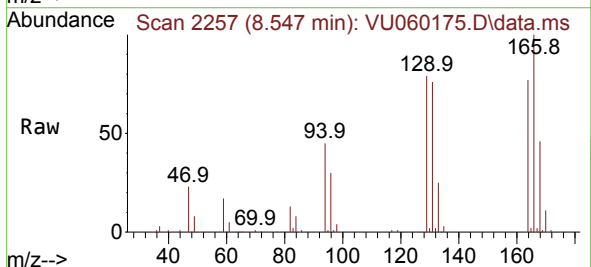
Instrument :  
MSVOA\_U  
ClientSampleId :

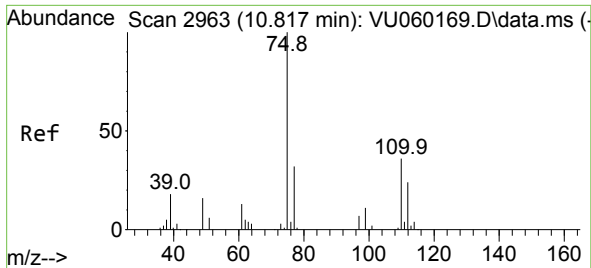
Tgt Ion: 63 Resp: 9245  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.0 4.6#



#46  
Tetrachloroethene  
Concen: 36.453 ug/L  
RT: 8.547 min Scan# 2257  
Delta R.T. -0.003 min  
Lab File: VU060175.D  
Acq: 25 Jul 2024 16:43

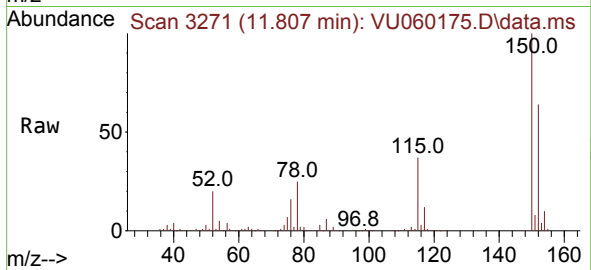
Tgt Ion:164 Resp: 49201  
Ion Ratio Lower Upper  
164 100  
129 103.4 62.7 116.5  
131 98.9 62.3 115.7  
166 130.6 88.9 165.1





#60  
1,2,3-Trichloropropane  
Concen: 5.907 ug/L  
RT: 11.807 min Scan# 31  
Delta R.T. 0.990 min  
Lab File: VU060175.D  
Acq: 25 Jul 2024 16:43

Instrument :  
MSVOA\_U  
ClientSampleId :



Tgt Ion: 75 Resp: 10270  
Ion Ratio Lower Upper  
75 100  
77 32.1 25.5 38.3  
110 0.7 30.7 46.1#

