

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU110424\  
 Data File : VU061440.D  
 Acq On : 05 Nov 2024 05:25  
 Operator : MD/SY  
 Sample : P4689-07  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 49 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Nov 05 06:14:21 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR102324WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Nov 05 04:38:45 2024  
 Response via : Initial Calibration

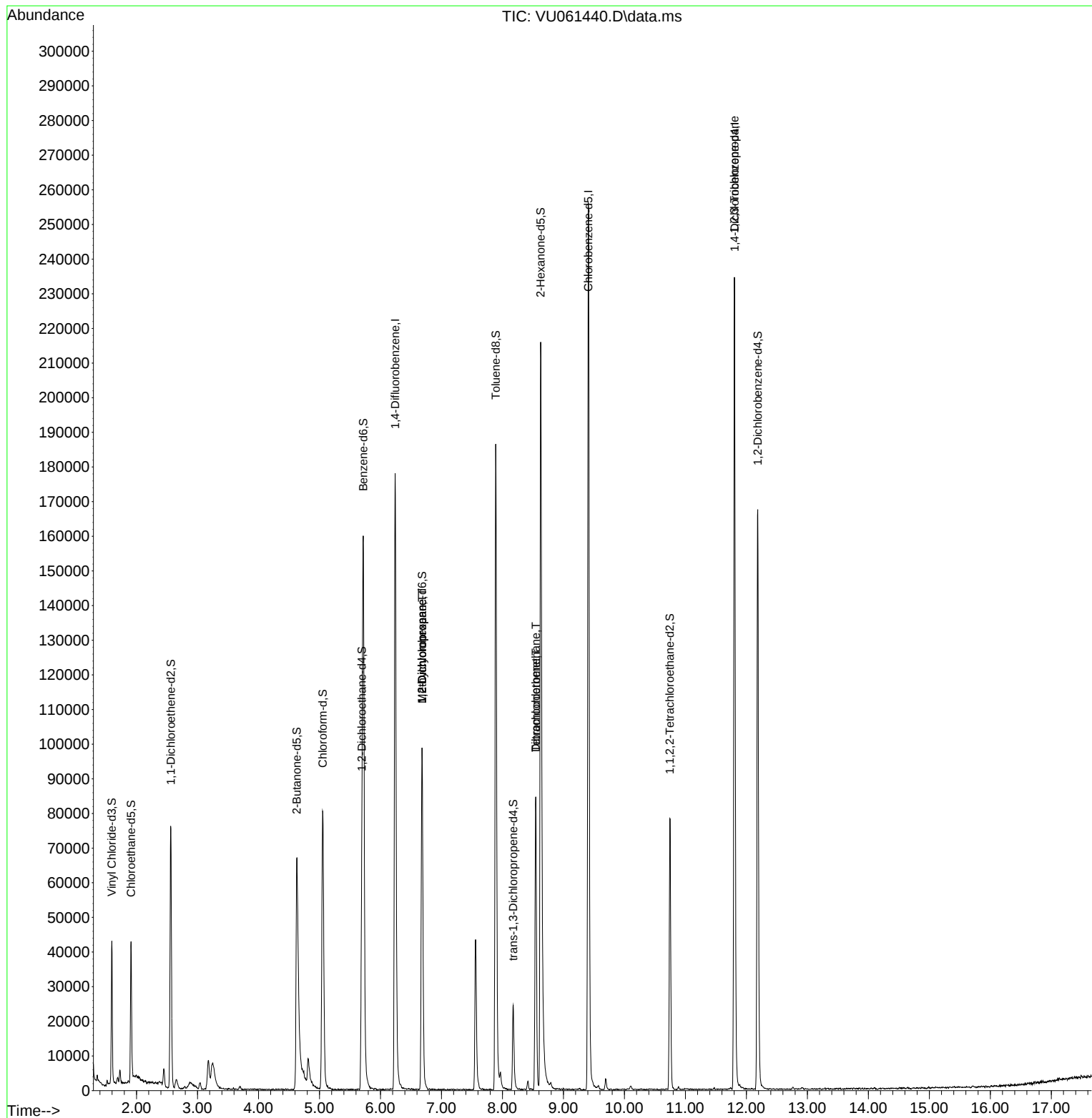
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 156070   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.409  | 117   | 146593   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 64694    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65    | 27452    | 2.589    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 51.800%  |
| 7) Chloroethane-d5            | 1.911  | 69    | 29944    | 3.081    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 61.600%# |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65    | 14367    | 3.167    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 63.400%  |
| 20) 2-Butanone-d5             | 4.627  | 46    | 96480    | 44.822   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 89.640%  |
| 24) Chloroform-d              | 5.055  | 84    | 78602    | 3.906    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 78.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 41476    | 4.135    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 82.600%  |
| 32) Benzene-d6                | 5.717  | 84    | 154775   | 3.747    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 75.000%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 48015    | 3.866    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 77.400%  |
| 41) Toluene-d8                | 7.891  | 98    | 133929   | 3.468    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 69.400%# |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 15573    | 3.072    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 61.400%  |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 80411    | 38.730   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 77.460%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.746 | 84    | 39304    | 4.185    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 83.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 47393    | 4.137    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 82.800%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 35) Methylcyclohexane         | 6.682  | 83    | 11807    | 0.602    | ug/L # | 22       |
| 37) 1,2-Dichloropropane       | 6.682  | 63    | 5258     | 0.458    | ug/L # | 89       |
| 47) Tetrachloroethene         | 8.547  | 164   | 18203    | 2.113    | ug/L   | 98       |
| 49) Dibromochloromethane      | 8.547  | 129   | 18552    | 1.978    | ug/L # | 12       |
| 61) 1,2,3-Trichloropropane    | 11.804 | 75    | 7947     | 1.233    | ug/L # | 67       |

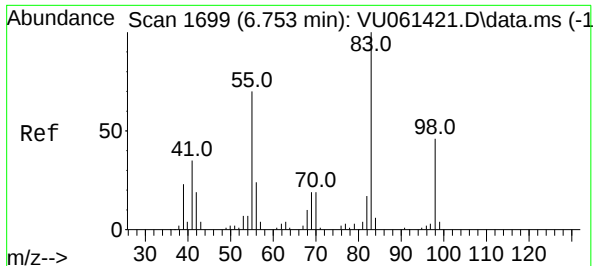
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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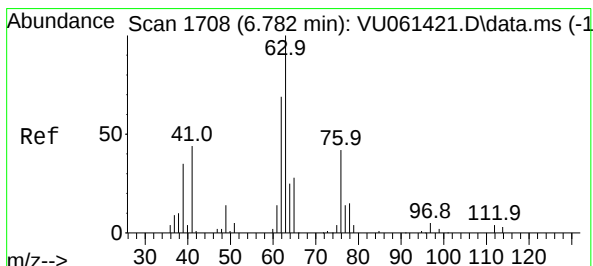
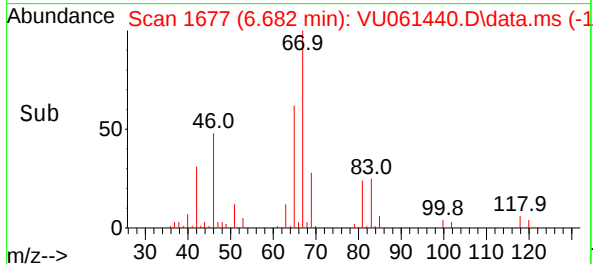
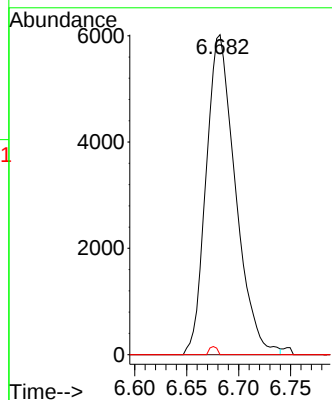
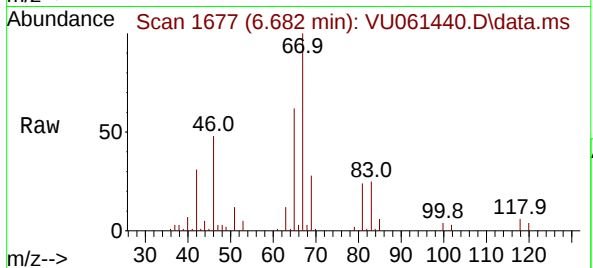




#35  
Methylcyclohexane  
Concen: 0.602 ug/L  
RT: 6.682 min Scan# 1677  
Delta R.T. -0.071 min  
Lab File: VU061440.D  
Acq: 05 Nov 2024 05:25

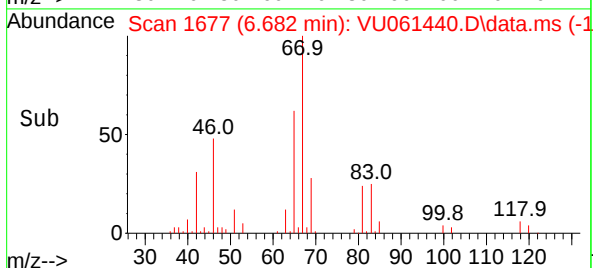
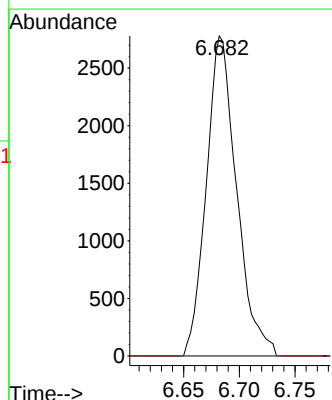
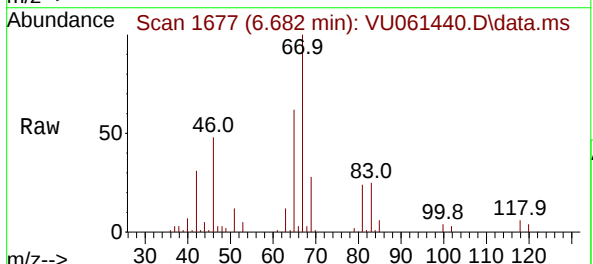
Instrument :  
MSVOA\_U  
ClientSampleId :

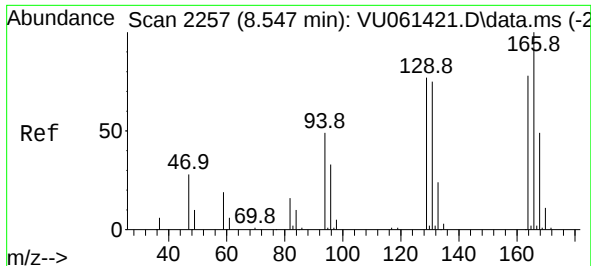
Tgt Ion: 83 Resp: 11807  
Ion Ratio Lower Upper  
83 100  
55 0.0 55.9 83.9#  
98 0.7 35.9 53.9#



#37  
1,2-Dichloropropane  
Concen: 0.458 ug/L  
RT: 6.682 min Scan# 1677  
Delta R.T. -0.100 min  
Lab File: VU061440.D  
Acq: 05 Nov 2024 05:25

Tgt Ion: 63 Resp: 5258  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.0 4.4#





#47

Tetrachloroethene

Concen: 2.113 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

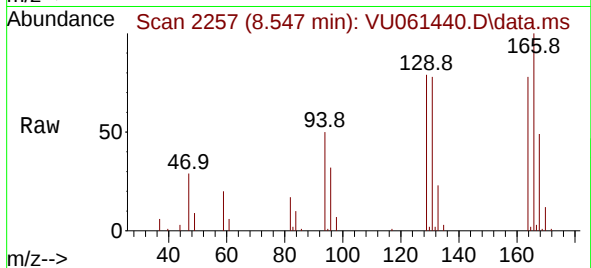
Lab File: VU061440.D

Acq: 05 Nov 2024 05:25

Instrument :

MSVOA\_U

ClientSampleId :



Tgt Ion:164 Resp: 18203

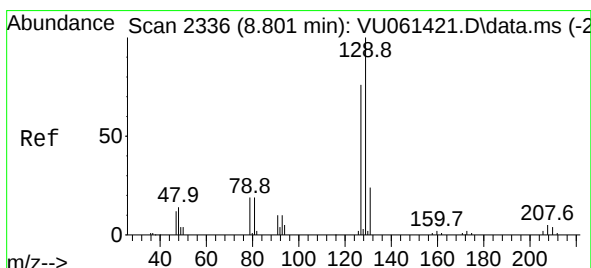
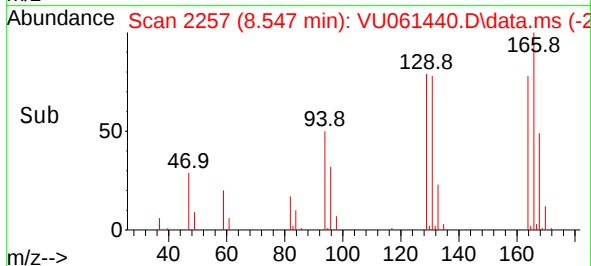
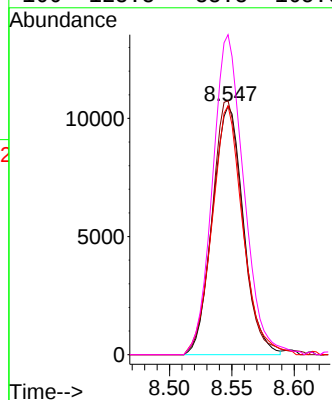
Ion Ratio Lower Upper

164 100

129 102.2 69.9 129.7

131 100.2 68.3 126.8

166 128.8 88.8 165.0



#49

Dibromochloromethane

Concen: 1.978 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.254 min

Lab File: VU061440.D

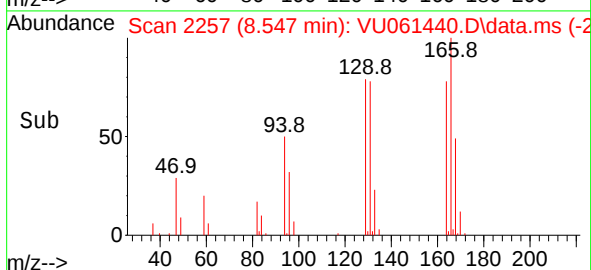
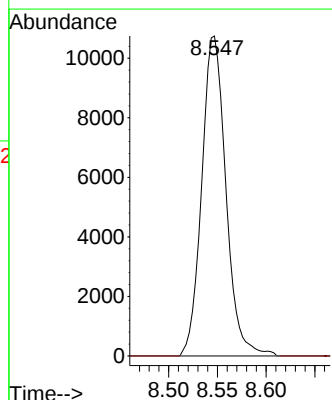
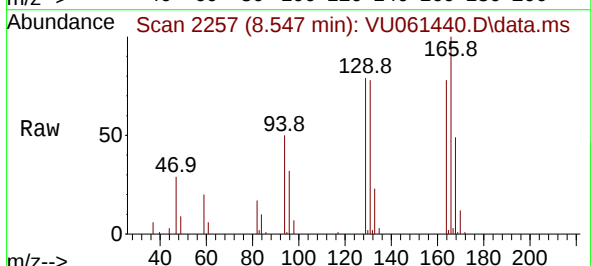
Acq: 05 Nov 2024 05:25

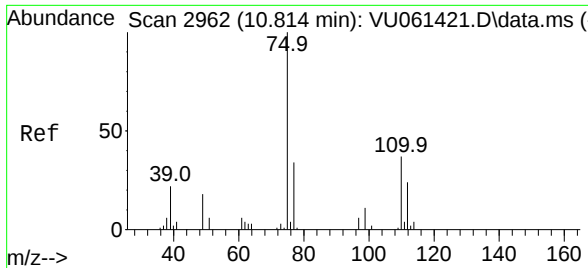
Tgt Ion:129 Resp: 18552

Ion Ratio Lower Upper

129 100

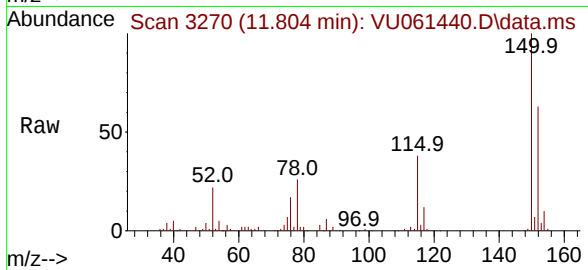
127 0.0 51.8 96.2#





#61  
1,2,3-Trichloropropane  
Concen: 1.233 ug/L  
RT: 11.804 min Scan# 31  
Delta R.T. 0.990 min  
Lab File: VU061440.D  
Acq: 05 Nov 2024 05:25

Instrument :  
MSVOA\_U  
ClientSampleId :



Tgt Ion: 75 Resp: 7947  
Ion Ratio Lower Upper  
75 100  
110 0.0 28.8 43.2#  
77 30.9 25.7 38.5

