

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU091924\  
 Data File : VU060900.D  
 Acq On : 19 Sep 2024 15:56  
 Operator : MD/SY  
 Sample : P3952-06  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Sep 19 23:58:29 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR091624WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Sep 19 23:54:48 2024  
 Response via : Initial Calibration

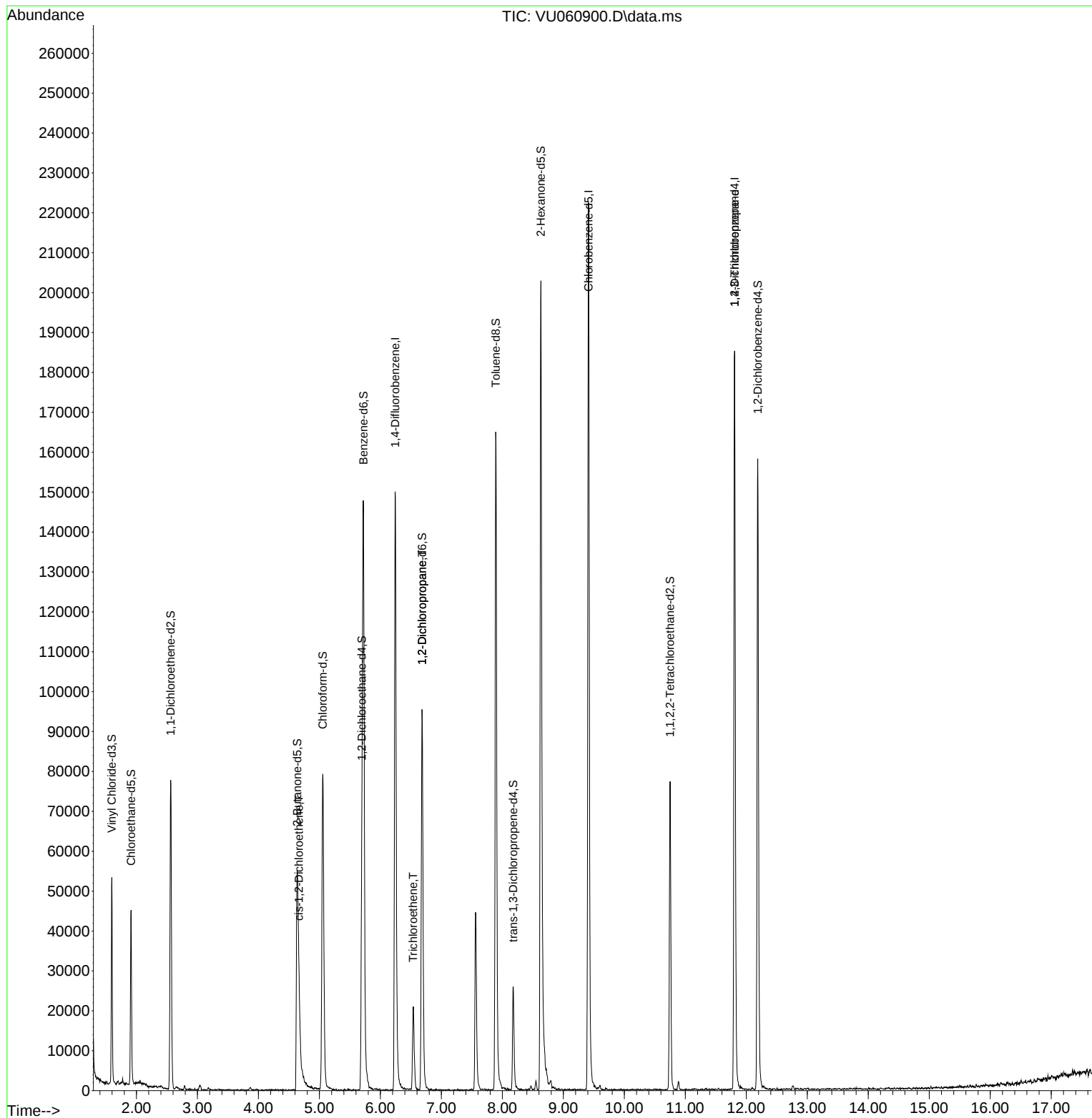
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 129671   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 139325   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 57035    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 35954    | 3.083    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 61.600%  |
| 7) Chloroethane-d5            | 1.911  | 69    | 32495    | 3.913    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 78.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 14607    | 3.534    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 70.600%  |
| 20) 2-Butanone-d5             | 4.634  | 46    | 96290    | 51.427   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 102.860% |
| 24) Chloroform-d              | 5.055  | 84    | 79456    | 4.456    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 89.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 40266    | 4.725    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 94.400%  |
| 32) Benzene-d6                | 5.721  | 84    | 145633   | 3.900    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 78.000%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 48889    | 4.231    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 84.600%  |
| 41) Toluene-d8                | 7.891  | 98    | 120714   | 3.546    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 71.000%  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 17204    | 4.137    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 82.800%  |
| 46) 2-Hexanone-d5             | 8.631  | 63    | 75367    | 45.940   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 91.880%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.750 | 84    | 40747    | 4.502    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 90.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 48780    | 5.090    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 101.800% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 22) cis-1,2-Dichloroethene    | 4.663  | 96    | 4523     | 0.484    | ug/L   | 89       |
| 34) Trichloroethene           | 6.538  | 95    | 7700     | 0.767    | ug/L   | 89       |
| 37) 1,2-Dichloropropane       | 6.682  | 63    | 4656     | 0.441    | ug/L # | 93       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75    | 6360     | 1.196    | ug/L # | 67       |

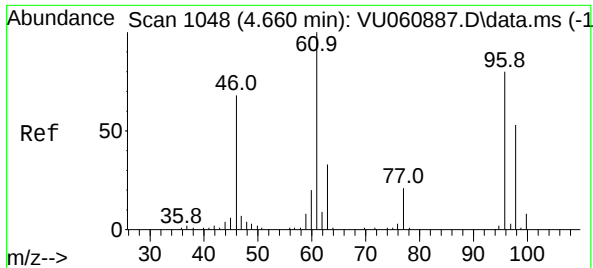
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU091924\  
Data File : VU060900.D  
Acq On : 19 Sep 2024 15:56  
Operator : MD/SY  
Sample : P3952-06  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :

Quant Time: Sep 19 23:58:29 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR091624WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Thu Sep 19 23:54:48 2024  
Response via : Initial Calibration

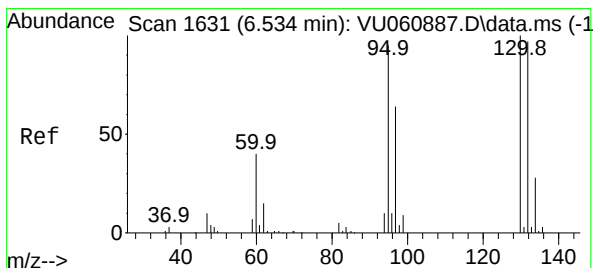
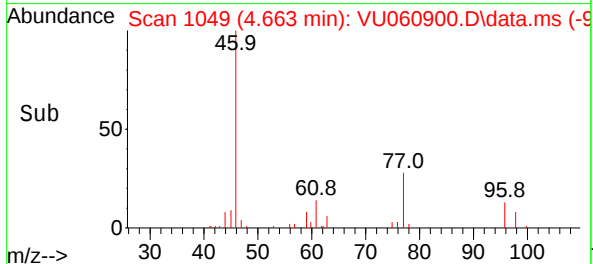
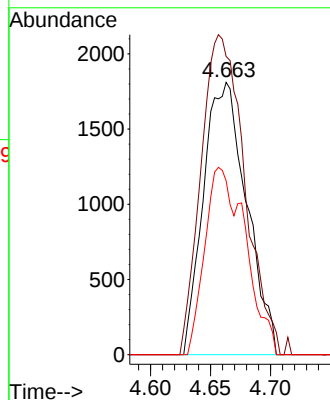
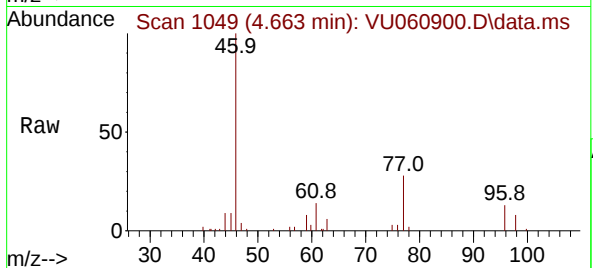




#22  
cis-1,2-Dichloroethene  
Concen: 0.484 ug/L  
RT: 4.663 min Scan# 1049  
Delta R.T. 0.003 min  
Lab File: VU060900.D  
Acq: 19 Sep 2024 15:56

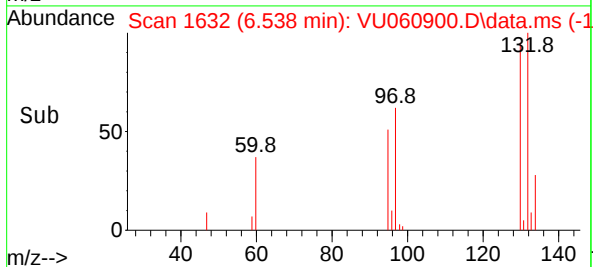
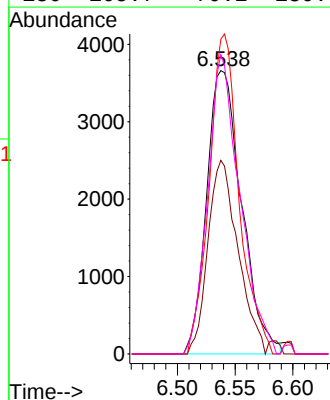
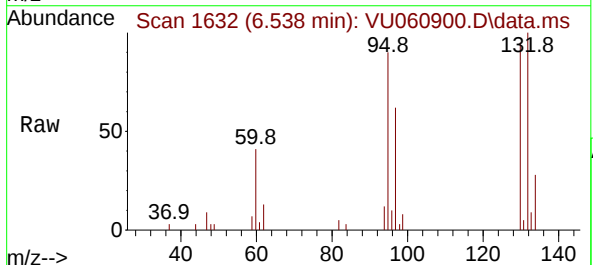
Instrument :  
MSVOA\_U  
ClientSampleId :

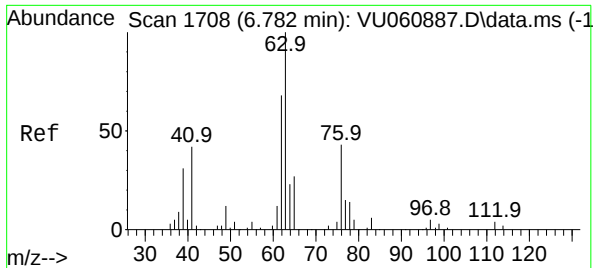
Tgt Ion: 96 Resp: 4523  
Ion Ratio Lower Upper  
96 100  
61 109.5 89.7 166.5  
98 63.9 45.1 83.9



#34  
Trichloroethene  
Concen: 0.767 ug/L  
RT: 6.538 min Scan# 1632  
Delta R.T. 0.003 min  
Lab File: VU060900.D  
Acq: 19 Sep 2024 15:56

Tgt Ion: 95 Resp: 7700  
Ion Ratio Lower Upper  
95 100  
97 68.3 44.9 83.5  
132 111.1 63.5 117.9  
130 105.7 70.2 130.4

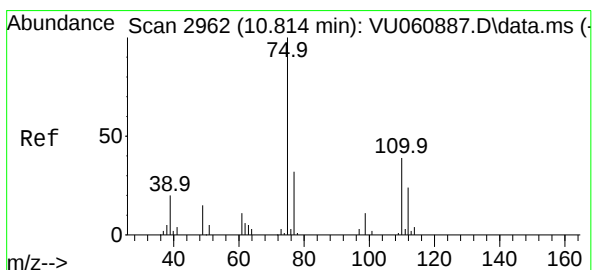
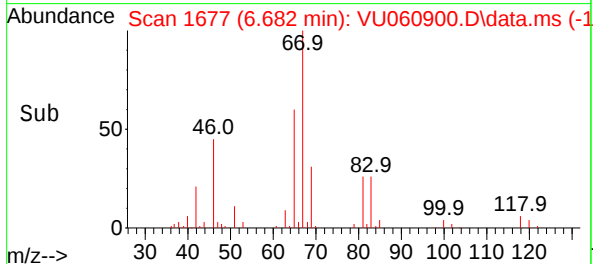
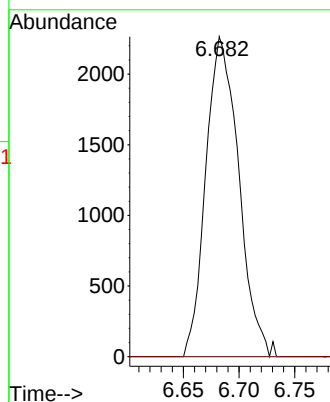
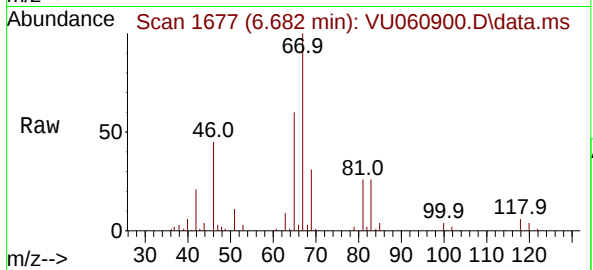




#37  
1,2-Dichloropropane  
Concen: 0.441 ug/L  
RT: 6.682 min Scan# 1  
Delta R.T. -0.100 min  
Lab File: VU060900.D  
Acq: 19 Sep 2024 15:56

Instrument :  
MSVOA\_U  
ClientSampleId :

Tgt Ion: 63 Resp: 4656  
Ion Ratio Lower Upper  
63 100  
112 0.0 2.0 3.0#



#61  
1,2,3-Trichloropropane  
Concen: 1.196 ug/L  
RT: 11.807 min Scan# 3271  
Delta R.T. 0.994 min  
Lab File: VU060900.D  
Acq: 19 Sep 2024 15:56

Tgt Ion: 75 Resp: 6360  
Ion Ratio Lower Upper  
75 100  
110 0.0 28.6 43.0#  
77 33.9 26.3 39.5

