

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU122024\  
 Data File : VU062516.D  
 Acq On : 20 Dec 2024 11:42  
 Operator : MD/SY  
 Sample : P5308-07DL 200X  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Dec 20 22:33:35 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR120924WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Dec 20 22:32:26 2024  
 Response via : Initial Calibration

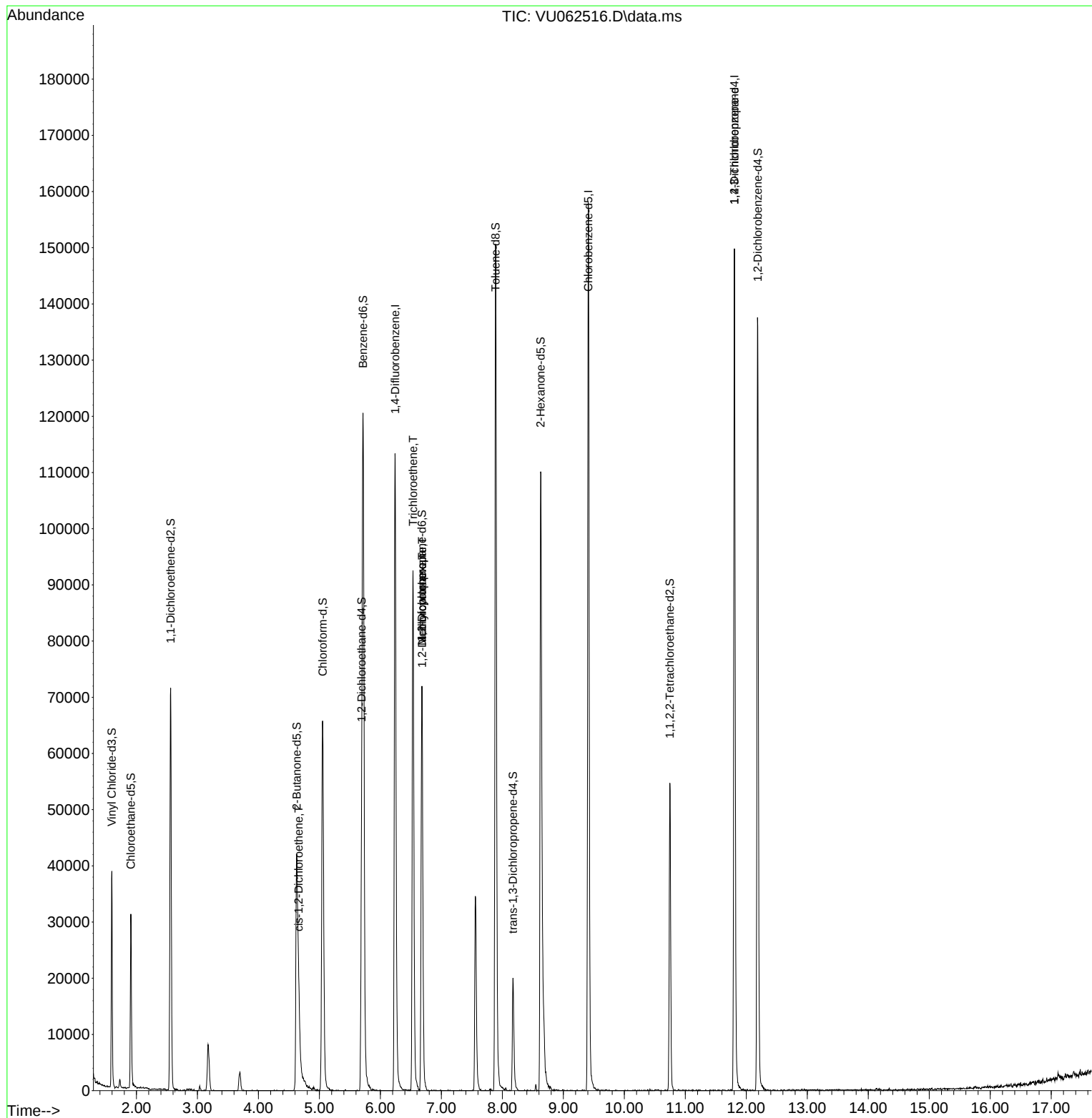
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 97880    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.409  | 117   | 90082    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.804 | 152   | 43425    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 26358    | 3.992    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 79.800%  |
| 7) Chloroethane-d5            | 1.907  | 69    | 21869    | 4.657    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 93.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 14069    | 4.479    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 89.600%  |
| 20) 2-Butanone-d5             | 4.628  | 46    | 51300    | 40.544   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 81.080%  |
| 24) Chloroform-d              | 5.052  | 84    | 65957    | 4.616    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 92.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.692  | 65    | 35623    | 5.070    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 101.400% |
| 32) Benzene-d6                | 5.714  | 84    | 116204   | 4.479    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 89.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.679  | 67    | 32418    | 4.367    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 87.400%  |
| 41) Toluene-d8                | 7.888  | 98    | 106655   | 4.352    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 87.000%  |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79    | 13641    | 4.175    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 83.400%  |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 39105    | 39.669   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 79.340%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.746 | 84    | 25725    | 4.453    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 89.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 38839    | 4.854    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 97.000%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 22) cis-1,2-Dichloroethene    | 4.660  | 96    | 3880     | 0.510    | ug/L   | 91       |
| 34) Trichloroethene           | 6.534  | 95    | 32615    | 4.124    | ug/L   | 94       |
| 35) Methylcyclohexane         | 6.682  | 83    | 8946     | 0.763    | ug/L # | 19       |
| 37) 1,2-Dichloropropane       | 6.685  | 63    | 4213     | 0.620    | ug/L # | 87       |
| 61) 1,2,3-Trichloropropane    | 11.804 | 75    | 4514     | 1.124    | ug/L # | 65       |
| -----                         |        |       |          |          |        |          |

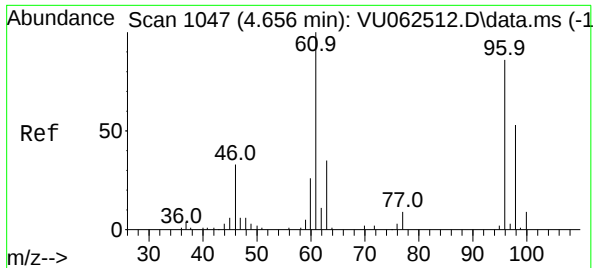
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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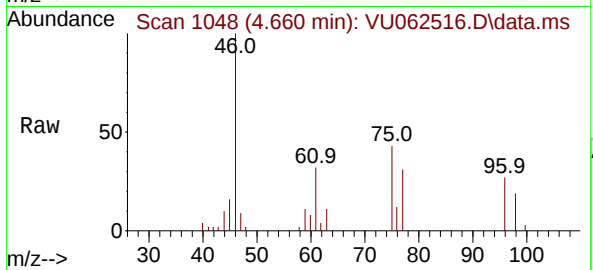
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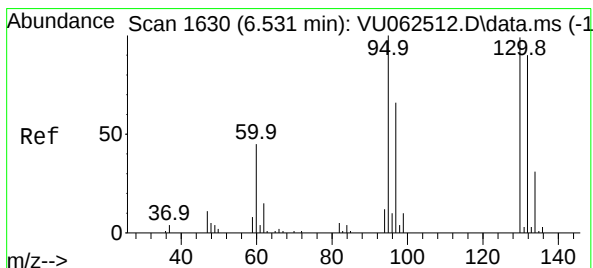
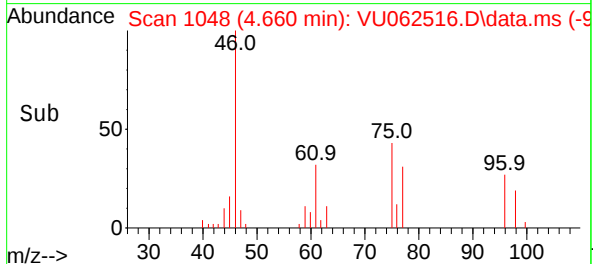
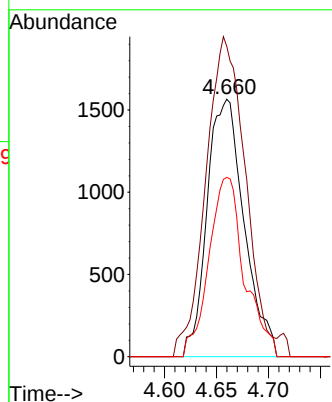


#22  
cis-1,2-Dichloroethene  
Concen: 0.510 ug/L  
RT: 4.660 min Scan# 1048  
Delta R.T. 0.003 min  
Lab File: VU062516.D  
Acq: 20 Dec 2024 11:42

Instrument :  
MSVOA\_U  
ClientSampleId :

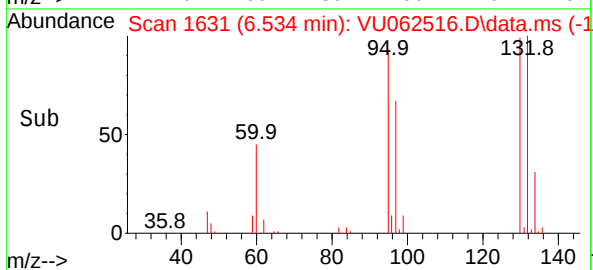
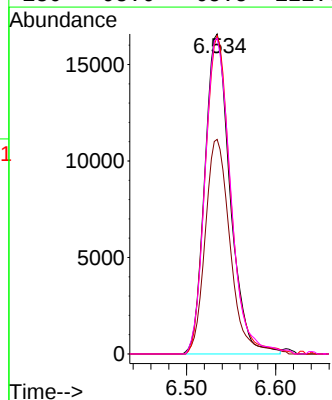
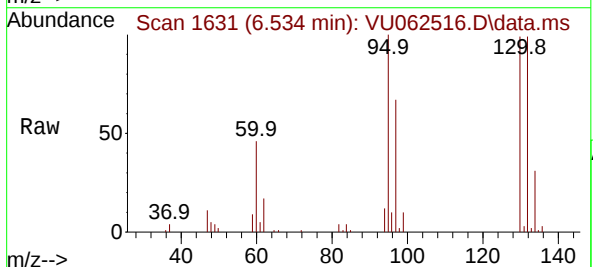


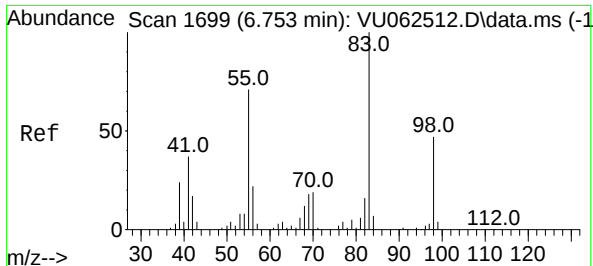
Tgt Ion: 96 Resp: 3880  
Ion Ratio Lower Upper  
96 100  
61 120.6 92.0 170.8  
98 69.7 44.5 82.7



#34  
Trichloroethene  
Concen: 4.124 ug/L  
RT: 6.534 min Scan# 1631  
Delta R.T. 0.003 min  
Lab File: VU062516.D  
Acq: 20 Dec 2024 11:42

Tgt Ion: 95 Resp: 32615  
Ion Ratio Lower Upper  
95 100  
97 67.0 45.9 85.3  
132 99.5 63.8 118.4  
130 98.6 65.5 121.7





#35

Methylcyclohexane

Concen: 0.763 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU062516.D

Acq: 20 Dec 2024 11:42

Instrument :

MSVOA\_U

ClientSampleId :

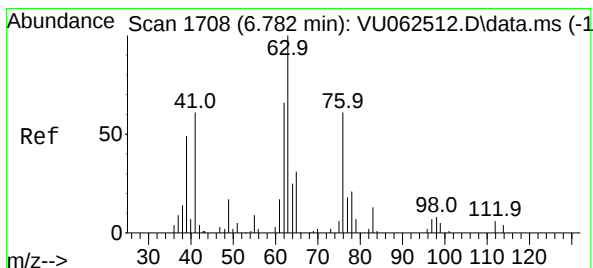
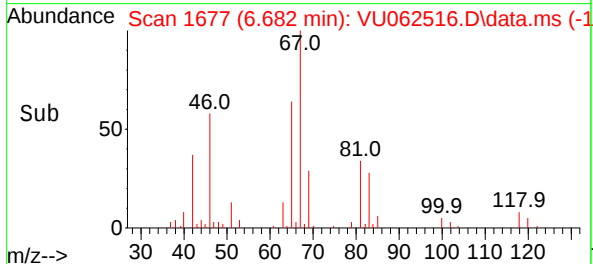
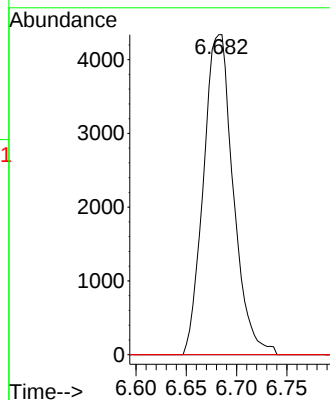
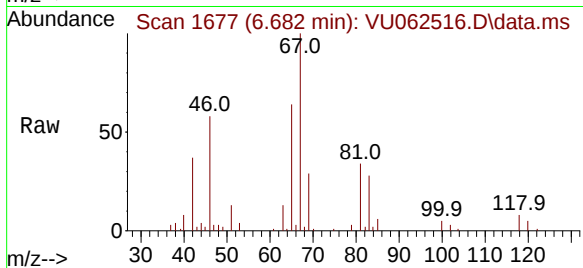
Tgt Ion: 83 Resp: 8946

Ion Ratio Lower Upper

83 100

55 0.0 60.7 91.1#

98 0.0 34.8 52.2#



#37

1,2-Dichloropropane

Concen: 0.620 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.096 min

Lab File: VU062516.D

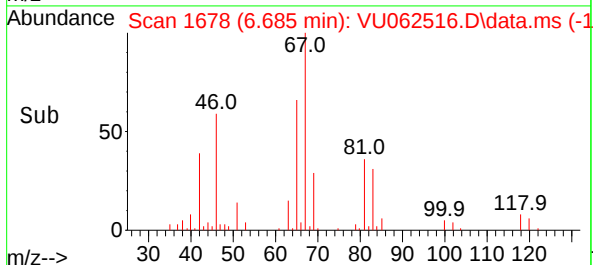
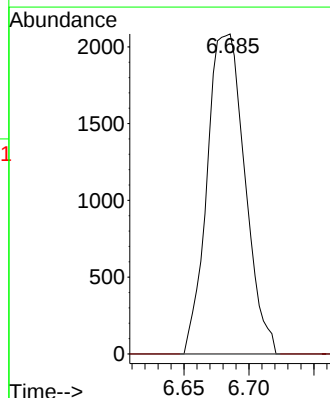
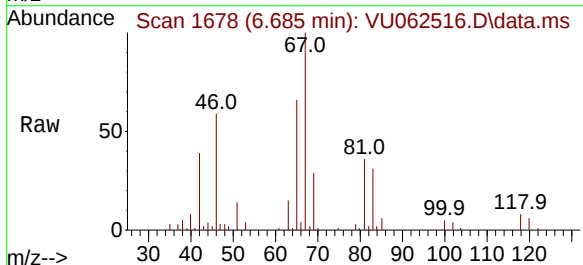
Acq: 20 Dec 2024 11:42

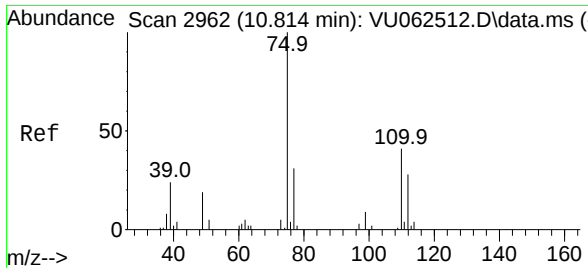
Tgt Ion: 63 Resp: 4213

Ion Ratio Lower Upper

63 100

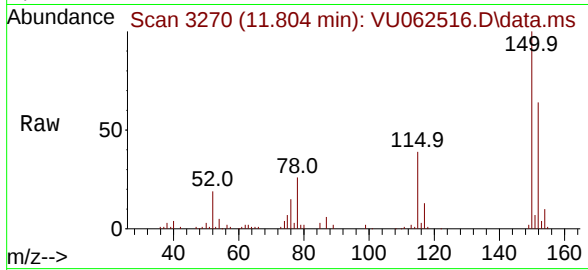
112 0.0 3.4 5.0#





#61  
1,2,3-Trichloropropane  
Concen: 1.124 ug/L  
RT: 11.804 min Scan# 31  
Delta R.T. 0.990 min  
Lab File: VU062516.D  
Acq: 20 Dec 2024 11:42

Instrument :  
MSVOA\_U  
ClientSampleId :



Tgt Ion: 75 Resp: 4514  
Ion Ratio Lower Upper  
75 100  
110 1.3 28.9 43.3#  
77 37.9 26.5 39.7

