

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU121824\  
 Data File : VU062433.D  
 Acq On : 18 Dec 2024 19:57  
 Operator : MD/SY  
 Sample : P5309-08DL 4X  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Dec 19 00:16:22 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR120924WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Dec 19 00:12:34 2024  
 Response via : Initial Calibration

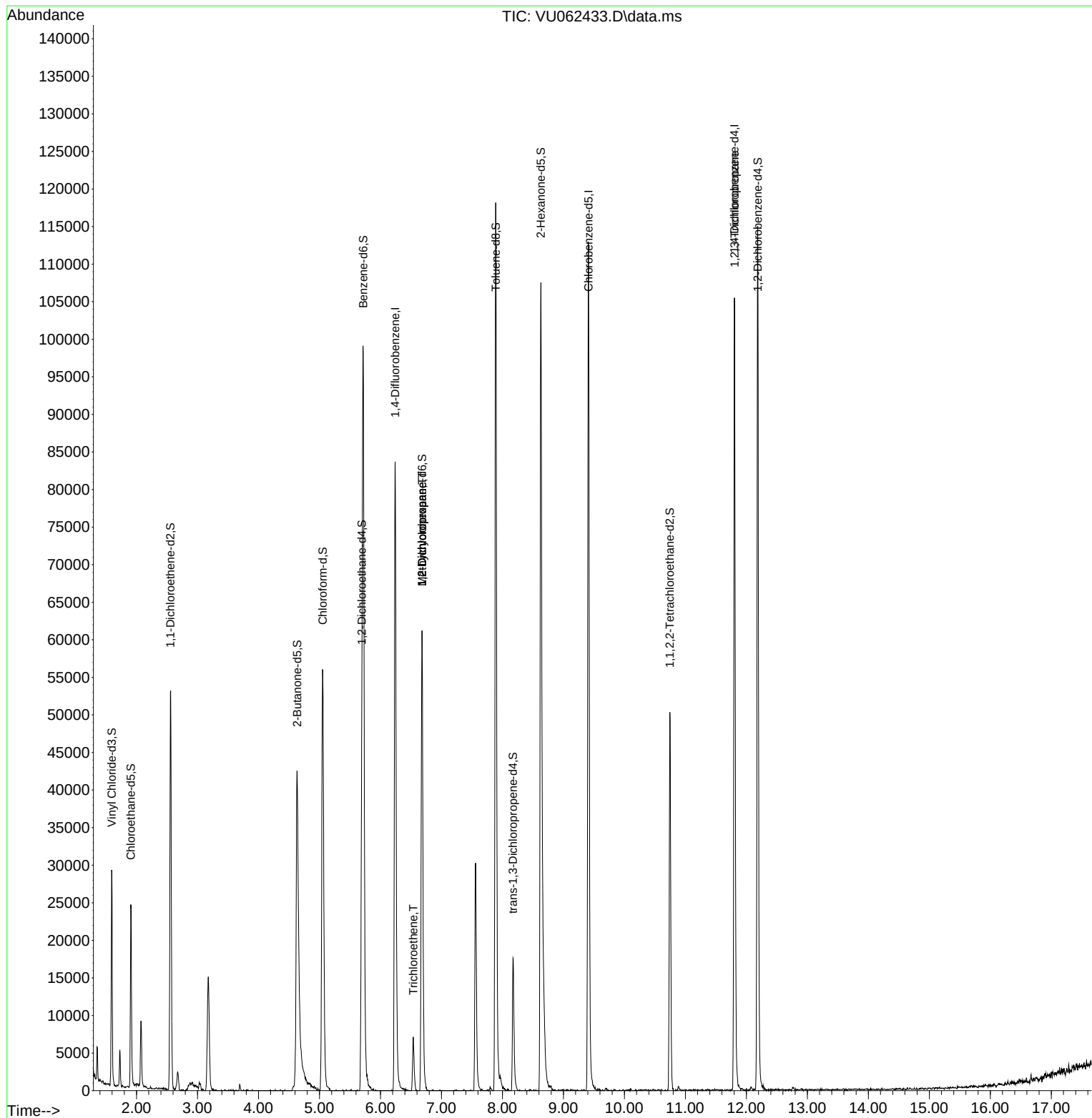
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 73276    | 5.000    | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 66672    | 5.000    | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.804 | 152   | 29776    | 5.000    | ug/L   | 0.00      |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 19852    | 4.016    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 80.400%   |
| 7) Chloroethane-d5            | 1.907  | 69    | 17084    | 4.860    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 97.200%   |
| 11) 1,1-Dichloroethene-d2     | 2.557  | 65    | 10005    | 4.255    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 85.200%   |
| 20) 2-Butanone-d5             | 4.634  | 46    | 50553    | 53.369   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 106.740%  |
| 24) Chloroform-d              | 5.052  | 84    | 56356    | 5.268    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 105.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 30936    | 5.881    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 117.600%  |
| 32) Benzene-d6                | 5.718  | 84    | 95238    | 4.960    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 99.200%   |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 28857    | 5.252    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 105.000%  |
| 41) Toluene-d8                | 7.891  | 98    | 84869    | 4.679    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 93.600%   |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79    | 12147    | 5.023    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 100.400%  |
| 46) 2-Hexanone-d5             | 8.631  | 63    | 38928    | 53.354   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 106.700%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.746 | 84    | 23884    | 5.586    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 111.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 33072    | 6.027    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 120.600%# |
| Target Compounds              |        |       |          |          |        |           |
|                               |        |       |          |          | Qvalue |           |
| 34) Trichloroethene           | 6.541  | 95    | 2470     | 0.422    | ug/L   | 89        |
| 35) Methylcyclohexane         | 6.682  | 83    | 7508     | 0.865    | ug/L # | 21        |
| 37) 1,2-Dichloropropane       | 6.682  | 63    | 3606     | 0.717    | ug/L # | 87        |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75    | 2828     | 1.027    | ug/L # | 59        |
| -----                         |        |       |          |          |        |           |

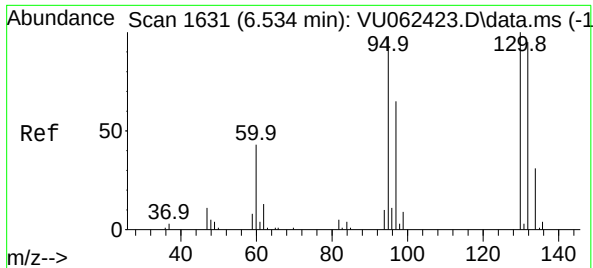
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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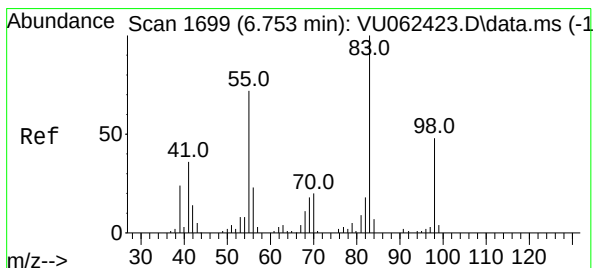
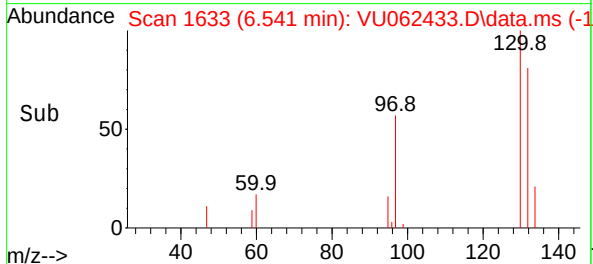
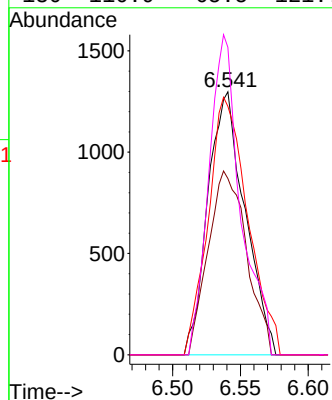
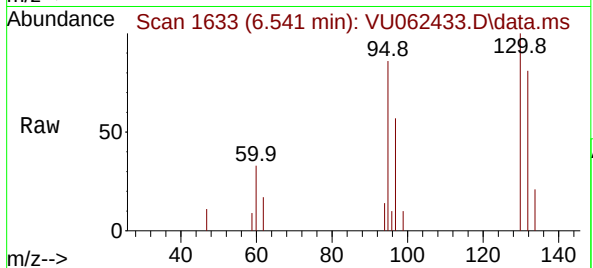


#34  
Trichloroethene  
Concen: 0.422 ug/L  
RT: 6.541 min Scan# 1633  
Delta R.T. 0.006 min  
Lab File: VU062433.D  
Acq: 18 Dec 2024 19:57

Instrument :  
MSVOA\_U  
ClientSampleId :

Tgt Ion: 95 Resp: 2470

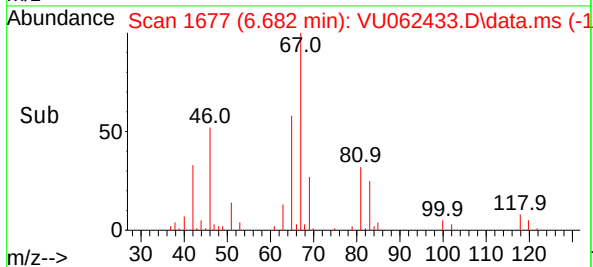
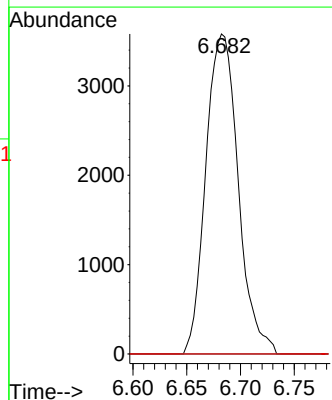
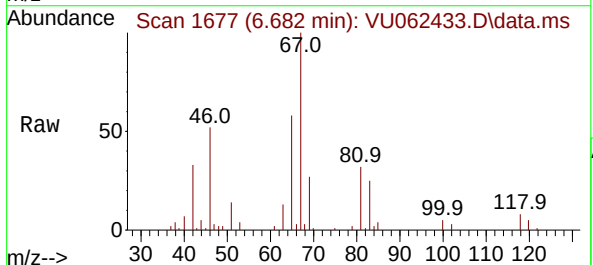
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 67.0  | 45.9  | 85.3  |
| 132 | 94.5  | 63.8  | 118.4 |
| 130 | 116.9 | 65.5  | 121.7 |

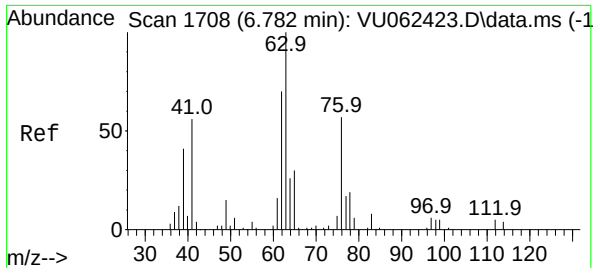


#35  
Methylcyclohexane  
Concen: 0.865 ug/L  
RT: 6.682 min Scan# 1677  
Delta R.T. -0.071 min  
Lab File: VU062433.D  
Acq: 18 Dec 2024 19:57

Tgt Ion: 83 Resp: 7508

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 0.0   | 60.7  | 91.1# |
| 98  | 2.8   | 34.8  | 52.2# |

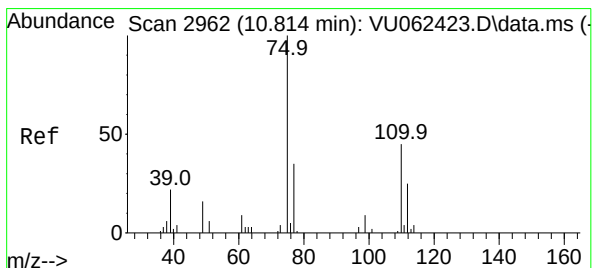
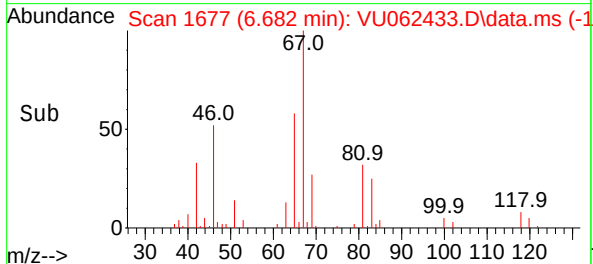
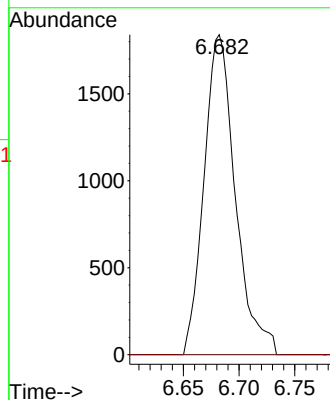
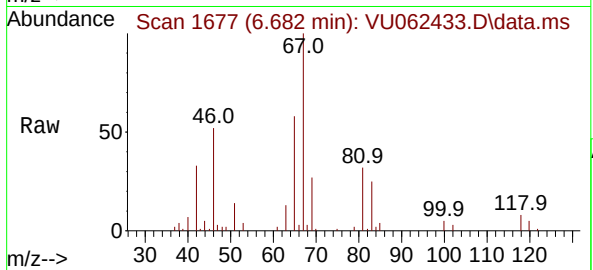




#37  
1,2-Dichloropropane  
Concen: 0.717 ug/L  
RT: 6.682 min Scan# 1  
Delta R.T. -0.100 min  
Lab File: VU062433.D  
Acq: 18 Dec 2024 19:57

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Tgt Ion: 63 Resp: 3606  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.4 5.0#



#61  
1,2,3-Trichloropropane  
Concen: 1.027 ug/L  
RT: 11.807 min Scan# 3271  
Delta R.T. 0.993 min  
Lab File: VU062433.D  
Acq: 18 Dec 2024 19:57

Tgt Ion: 75 Resp: 2828  
Ion Ratio Lower Upper  
75 100  
110 0.0 28.9 43.3#  
77 43.9 26.5 39.7#

