

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU020625\  
 Data File : VU063201.D  
 Acq On : 06 Feb 2025 17:26  
 Operator : MD/SY  
 Sample : Q1291-04  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Feb 07 07:32:03 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR020425WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Feb 07 07:28:28 2025  
 Response via : Initial Calibration

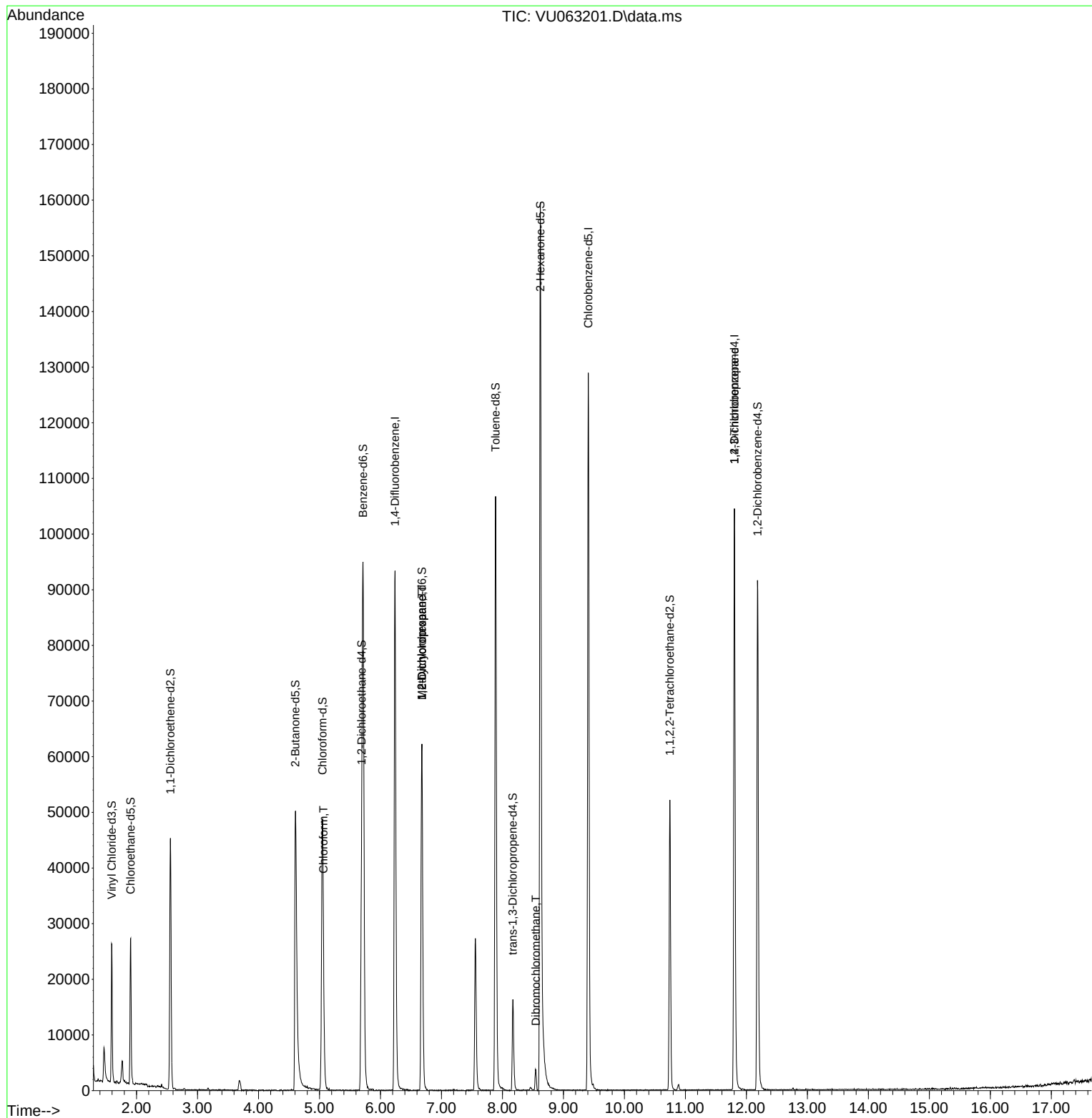
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.238  | 114   | 77438    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.409  | 117   | 72050    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.804 | 152   | 29692    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.592  | 65    | 17894    | 4.040    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 80.800%  |
| 7) Chloroethane-d5            | 1.904  | 69    | 19251    | 4.683    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 93.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.557  | 65    | 8681     | 4.390    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 87.800%  |
| 20) 2-Butanone-d5             | 4.605  | 46    | 77399    | 53.079   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 106.160% |
| 24) Chloroform-d              | 5.049  | 84    | 47101    | 4.810    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 96.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.692  | 65    | 25634    | 5.089    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 101.800% |
| 32) Benzene-d6                | 5.714  | 84    | 89856    | 4.781    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 95.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.679  | 67    | 31160    | 5.029    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 100.600% |
| 41) Toluene-d8                | 7.888  | 98    | 73580    | 4.432    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 88.600%  |
| 43) trans-1,3-Dichloroprop... | 8.171  | 79    | 10233    | 4.408    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 88.200%  |
| 46) 2-Hexanone-d5             | 8.621  | 63    | 57679    | 49.364   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 98.720%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.746 | 84    | 28148    | 5.147    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 103.000% |
| 66) 1,2-Dichlorobenzene-d4    | 12.183 | 152   | 25960    | 5.236    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 104.800% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 25) Chloroform                | 5.065  | 83    | 2257     | 0.212    | ug/L   | 86       |
| 35) Methylcyclohexane         | 6.679  | 83    | 7124     | 0.790    | ug/L # | 18       |
| 37) 1,2-Dichloropropane       | 6.679  | 63    | 3258     | 0.515    | ug/L # | 90       |
| 49) Dibromochloromethane      | 8.547  | 129   | 818      | 0.166    | ug/L # | 11       |
| 61) 1,2,3-Trichloropropane    | 11.804 | 75    | 3567     | 0.996    | ug/L # | 67       |
| -----                         |        |       |          |          |        |          |

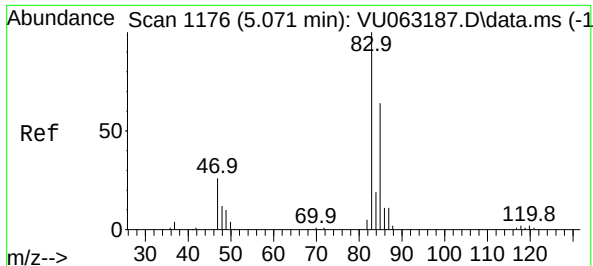
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU020625\  
Data File : VU063201.D  
Acq On : 06 Feb 2025 17:26  
Operator : MD/SY  
Sample : Q1291-04  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :

Quant Time: Feb 07 07:32:03 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR020425WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Fri Feb 07 07:28:28 2025  
Response via : Initial Calibration





#25

Chloroform

Concen: 0.212 ug/L

RT: 5.065 min Scan# 1

Delta R.T. -0.006 min

Lab File: VU063201.D

Acq: 06 Feb 2025 17:26

Instrument :

MSVOA\_U

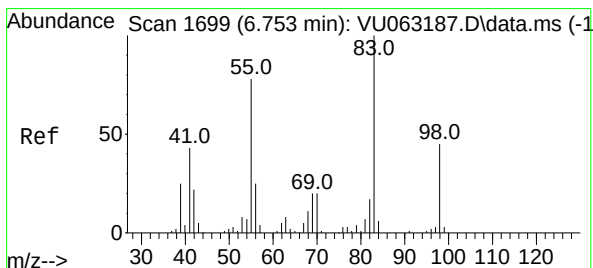
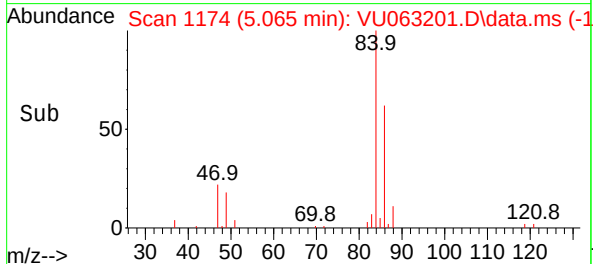
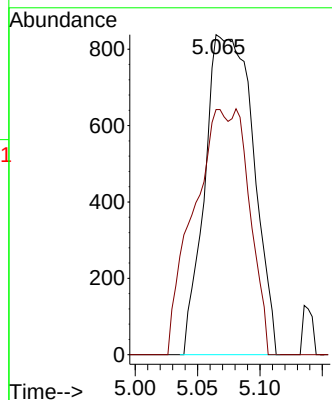
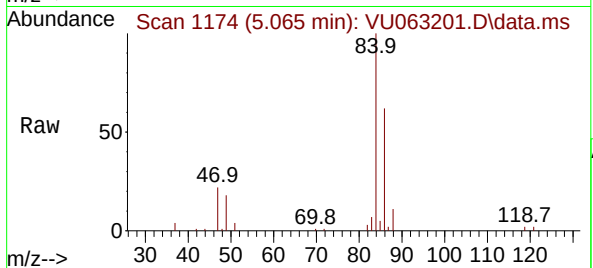
ClientSampleId :

Tgt Ion: 83 Resp: 2257

Ion Ratio Lower Upper

83 100

85 76.6 45.6 84.8



#35

Methylcyclohexane

Concen: 0.790 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.074 min

Lab File: VU063201.D

Acq: 06 Feb 2025 17:26

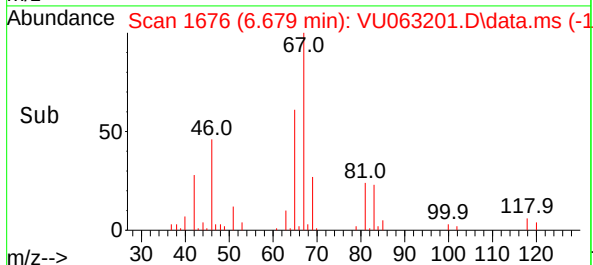
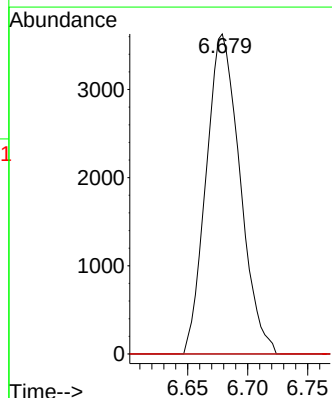
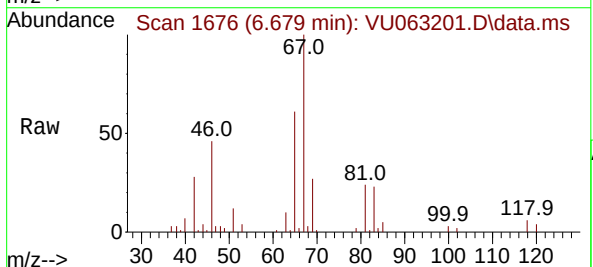
Tgt Ion: 83 Resp: 7124

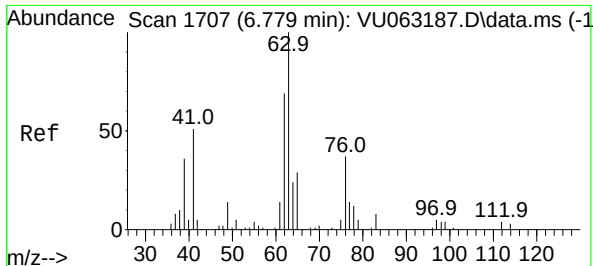
Ion Ratio Lower Upper

83 100

55 0.0 62.8 94.2#

98 0.0 36.0 54.0#

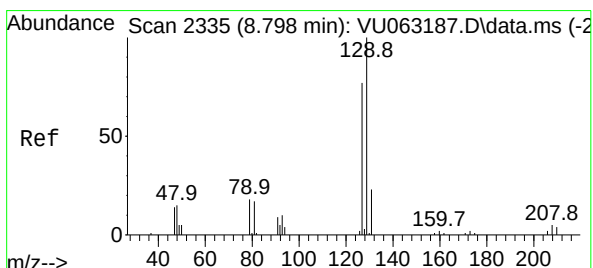
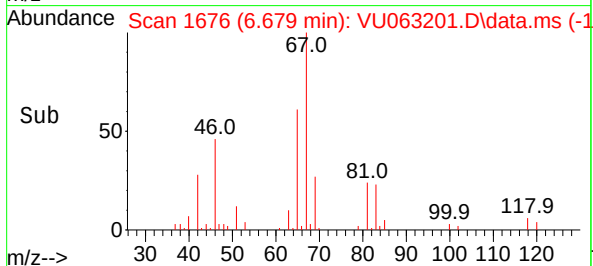
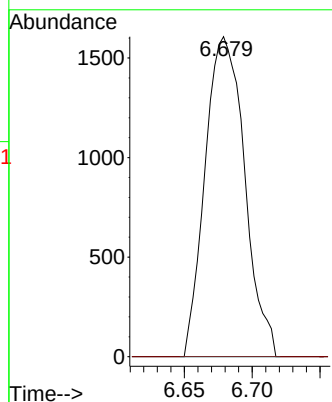
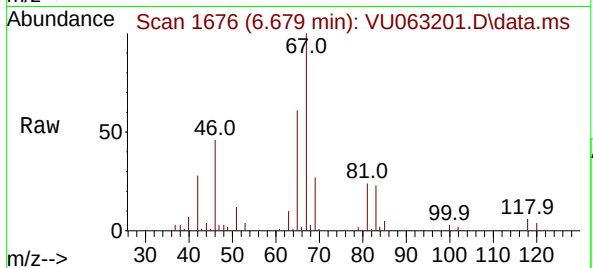




#37  
1,2-Dichloropropane  
Concen: 0.515 ug/L  
RT: 6.679 min Scan# 1  
Delta R.T. -0.100 min  
Lab File: VU063201.D  
Acq: 06 Feb 2025 17:26

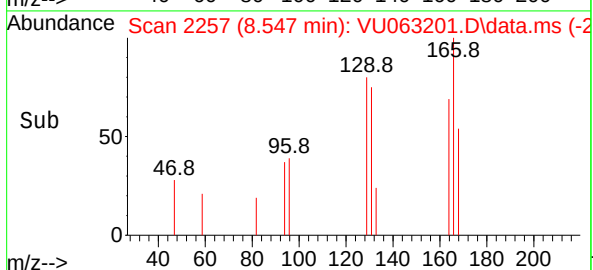
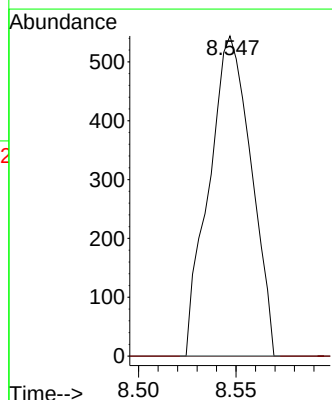
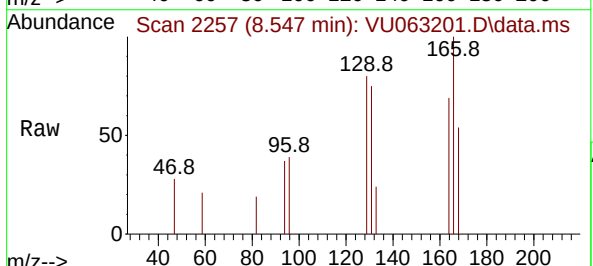
Instrument :  
MSVOA\_U  
ClientSampleId :

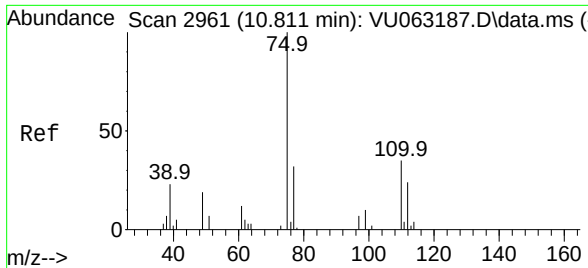
Tgt Ion: 63 Resp: 3258  
Ion Ratio Lower Upper  
63 100  
112 0.0 2.6 4.0#



#49  
Dibromochloromethane  
Concen: 0.166 ug/L  
RT: 8.547 min Scan# 2257  
Delta R.T. -0.251 min  
Lab File: VU063201.D  
Acq: 06 Feb 2025 17:26

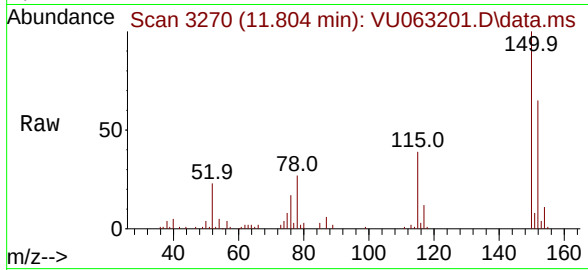
Tgt Ion: 129 Resp: 818  
Ion Ratio Lower Upper  
129 100  
127 0.0 53.8 99.8#





#61  
1,2,3-Trichloropropane  
Concen: 0.996 ug/L  
RT: 11.804 min Scan# 31  
Delta R.T. 0.993 min  
Lab File: VU063201.D  
Acq: 06 Feb 2025 17:26

Instrument :  
MSVOA\_U  
ClientSampleId :



Tgt Ion: 75 Resp: 3567  
Ion Ratio Lower Upper  
75 100  
110 0.0 27.4 41.0#  
77 30.4 26.3 39.5

