

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV051424\  
 Data File : VV035597.D  
 Acq On : 13 May 2024 15:25  
 Operator : SY/MD  
 Sample : P2409-02  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: May 14 02:06:18 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVSIM051024.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat May 11 01:09:31 2024  
 Response via : Initial Calibration

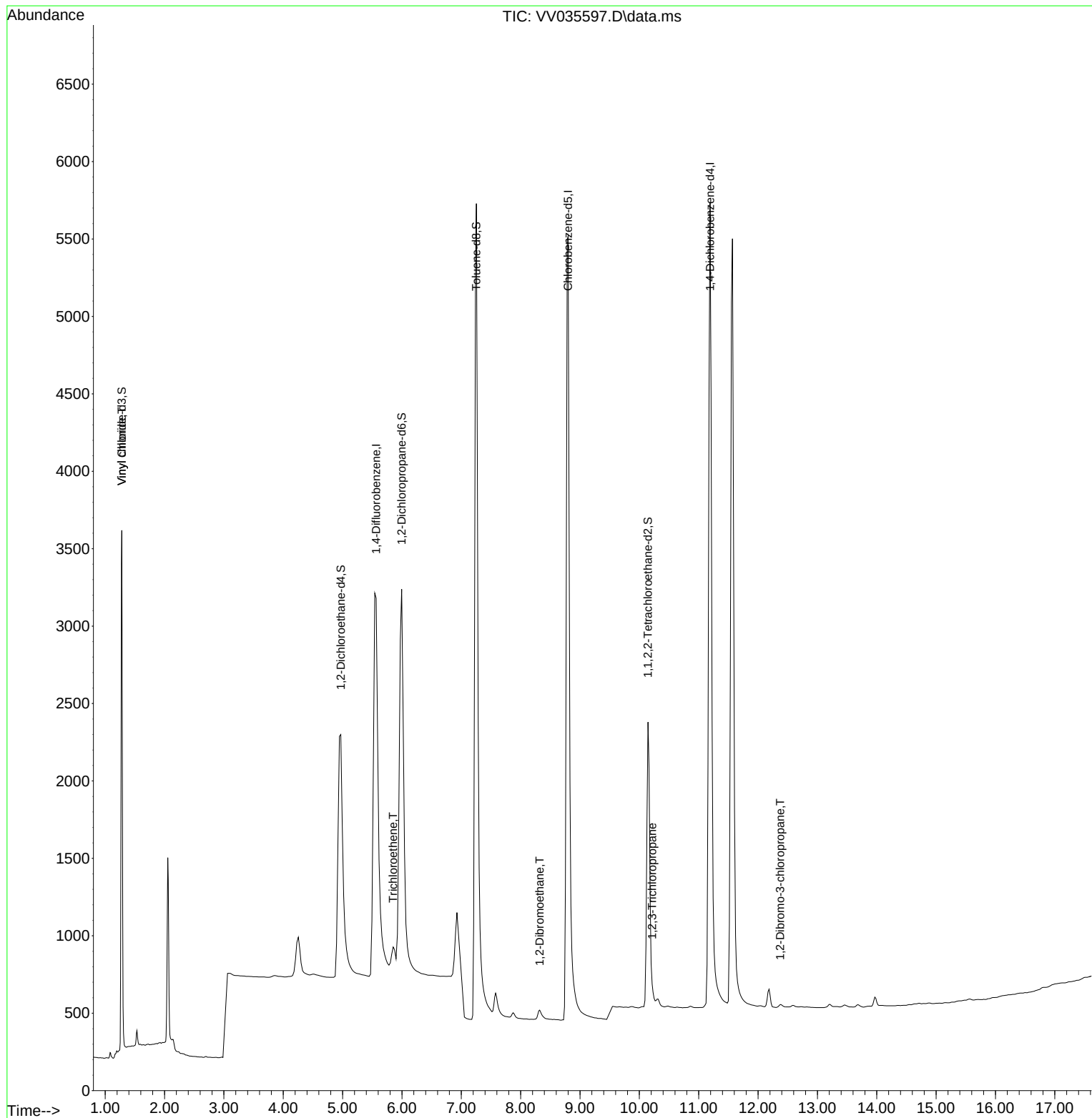
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.566  | 114   | 10632    | 0.500    | ug/L   | 0.00     |
| 5) Chlorobenzene-d5           | 8.800  | 117   | 10621    | 0.500    | ug/L   | 0.00     |
| 11) 1,4-Dichlorobenzene-d4    | 11.191 | 152   | 5843     | 0.500    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 2) Vinyl Chloride-d3          | 1.280  | 65    | 3738     | 0.514    | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 40 - 130 | Recovery | =      | 102.000% |
| 4) 1,2-Dichloroethane-d4      | 4.969  | 65    | 4248     | 0.511    | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 70 - 130 | Recovery | =      | 102.000% |
| 7) 1,2-Dichloropropane-d6     | 5.995  | 67    | 4830     | 0.519    | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 60 - 140 | Recovery | =      | 104.000% |
| 8) Toluene-d8                 | 7.253  | 98    | 11778    | 0.498    | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 70 - 130 | Recovery | =      | 100.000% |
| 10) 1,1,2,2-Tetrachloroeth... | 10.146 | 84    | 3983     | 0.497    | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 65 - 120 | Recovery | =      | 100.000% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 3) Vinyl chloride             | 1.280  | 62    | 316      | 0.031    | ug/L # | 43       |
| 6) Trichloroethene            | 5.852  | 95    | 231      | 0.028    | ug/L   | 89       |
| 9) 1,2-Dibromoethane          | 8.321  | 107   | 142      | 0.024    | ug/L # | 85       |
| 12) 1,2,3-Trichloropropane    | 10.214 | 75    | 117      | 0.019    | ug/L # | 73       |
| 13) 1,2-Dibromo-3-chloropr... | 12.374 | 75    | 35       | 0.025    | ug/L   | 90       |
| -----                         |        |       |          |          |        |          |

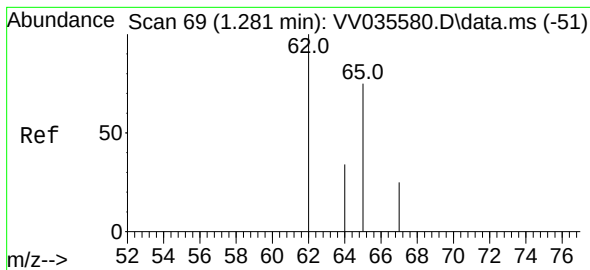
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 14 02:06:18 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVSIM051024.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Sat May 11 01:09:31 2024  
Response via : Initial Calibration





#3

Vinyl chloride

Concen: 0.031 ug/L

RT: 1.280 min Scan# 69

Delta R.T. -0.001 min

Lab File: VV035597.D

Acq: 13 May 2024 15:25

Instrument :

MSVOA\_V

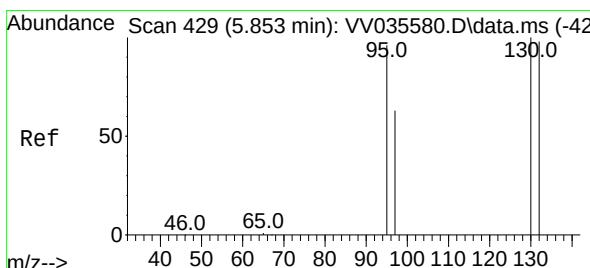
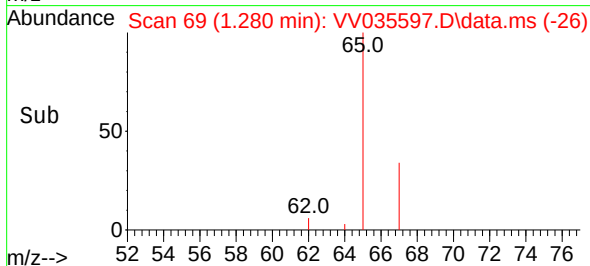
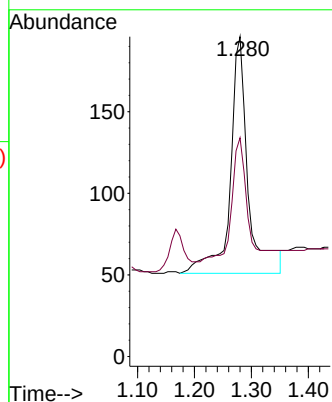
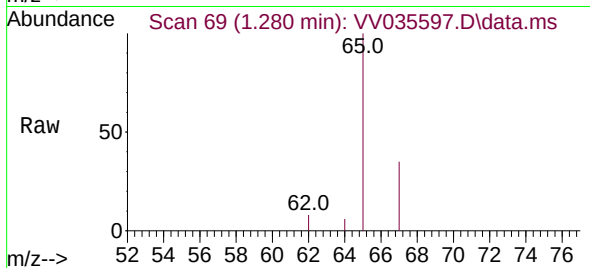
ClientSampleId :

Tgt Ion: 62 Resp: 316

Ion Ratio Lower Upper

62 100

64 68.4 24.6 45.8#



#6

Trichloroethene

Concen: 0.028 ug/L

RT: 5.852 min Scan# 429

Delta R.T. -0.001 min

Lab File: VV035597.D

Acq: 13 May 2024 15:25

Tgt Ion: 95 Resp: 231

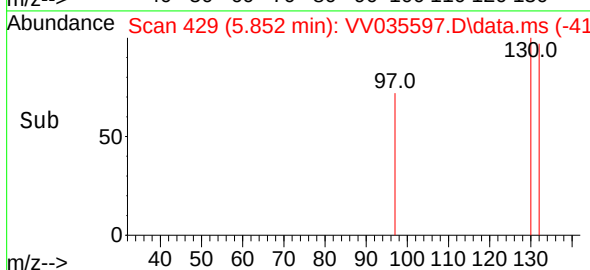
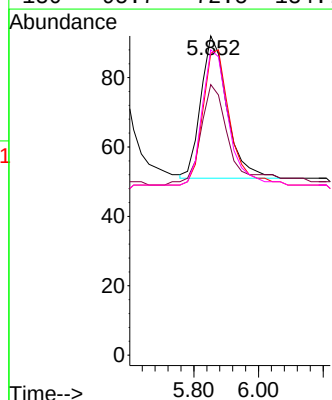
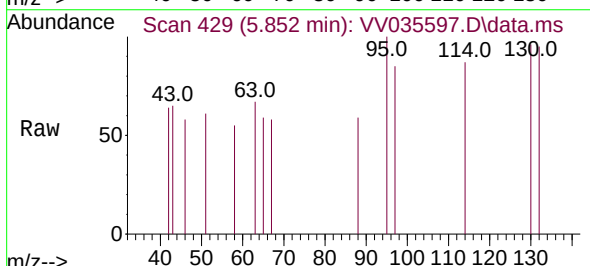
Ion Ratio Lower Upper

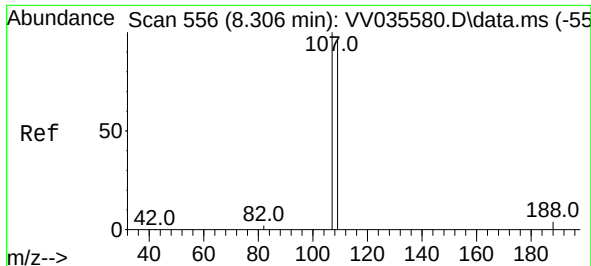
95 100

97 84.8 47.3 87.8

132 94.6 71.4 132.6

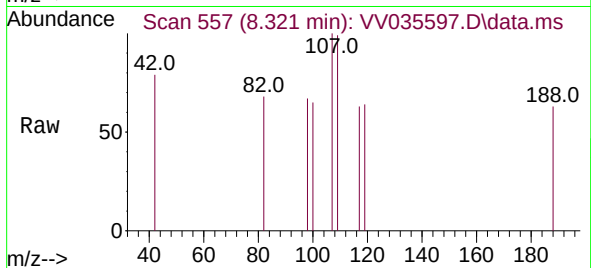
130 95.7 72.5 134.7



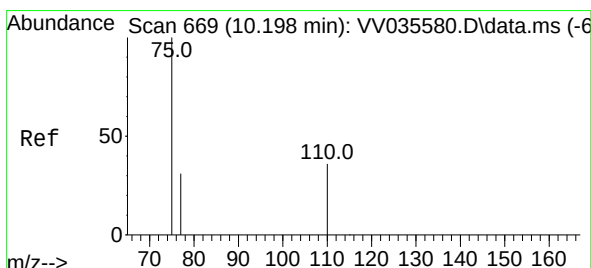
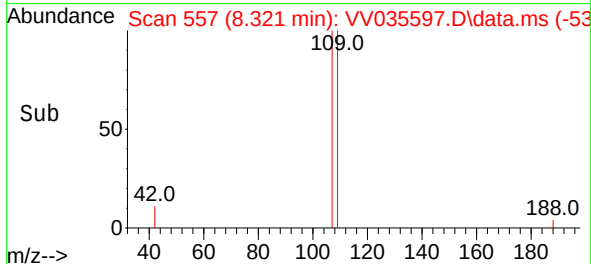
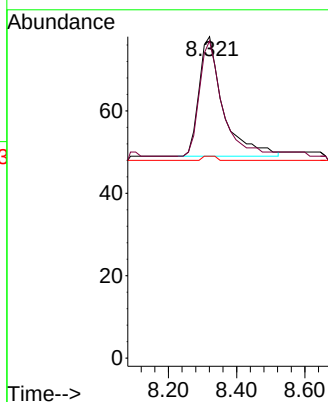


#9  
1,2-Dibromoethane  
Concen: 0.024 ug/L  
RT: 8.321 min Scan# 51  
Delta R.T. 0.015 min  
Lab File: VV035597.D  
Acq: 13 May 2024 15:25

Instrument :  
MSVOA\_V  
ClientSampleId :

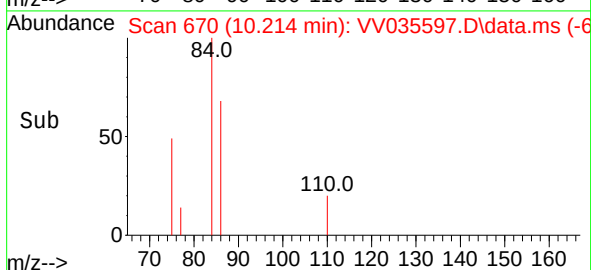
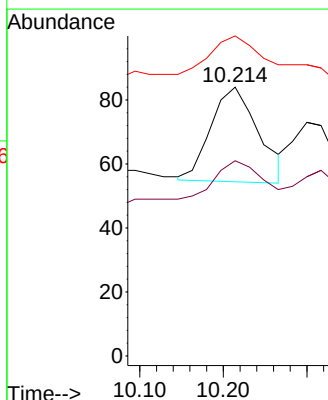
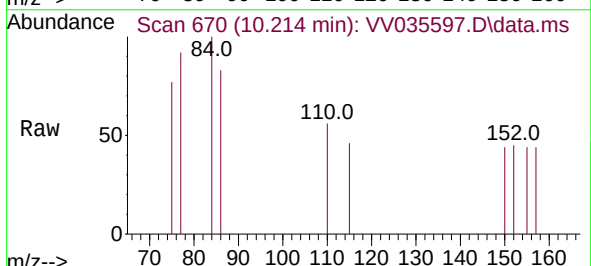


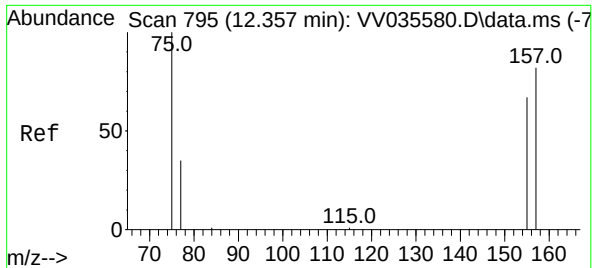
Tgt Ion:107 Resp: 142  
Ion Ratio Lower Upper  
107 100  
109 98.7 67.7 125.7  
188 62.8 8.2 12.4#



#12  
1,2,3-Trichloropropane  
Concen: 0.019 ug/L  
RT: 10.214 min Scan# 670  
Delta R.T. 0.017 min  
Lab File: VV035597.D  
Acq: 13 May 2024 15:25

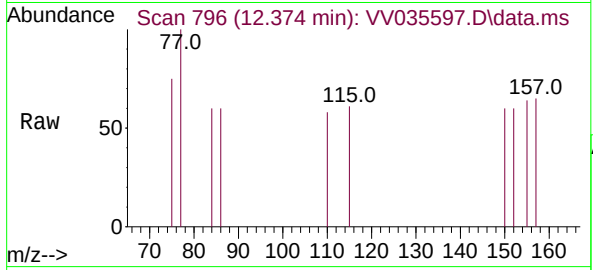
Tgt Ion: 75 Resp: 117  
Ion Ratio Lower Upper  
75 100  
110 38.5 33.7 50.5  
77 61.5 25.1 37.7#





#13  
 1,2-Dibromo-3-chloropropane  
 Concen: 0.025 ug/L  
 RT: 12.374 min Scan# 796  
 Delta R.T. 0.017 min  
 Lab File: VV035597.D  
 Acq: 13 May 2024 15:25

Instrument :  
 MSVOA\_V  
 ClientSampleId :



|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 75 | Resp: | 35        |
| Ion Ratio   | Lower | Upper     |
| 75          | 100   |           |
| 157         | 87.3  | 66.5 99.7 |
| 155         | 85.7  | 57.4 86.0 |

