

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV030524\  
 Data File : VV034496.D  
 Acq On : 05 Mar 2024 09:56  
 Operator : SY/MD  
 Sample : VSTD0.1  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Mar 06 04:11:25 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVSIM030524.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Mar 06 04:10:44 2024  
 Response via : Initial Calibration

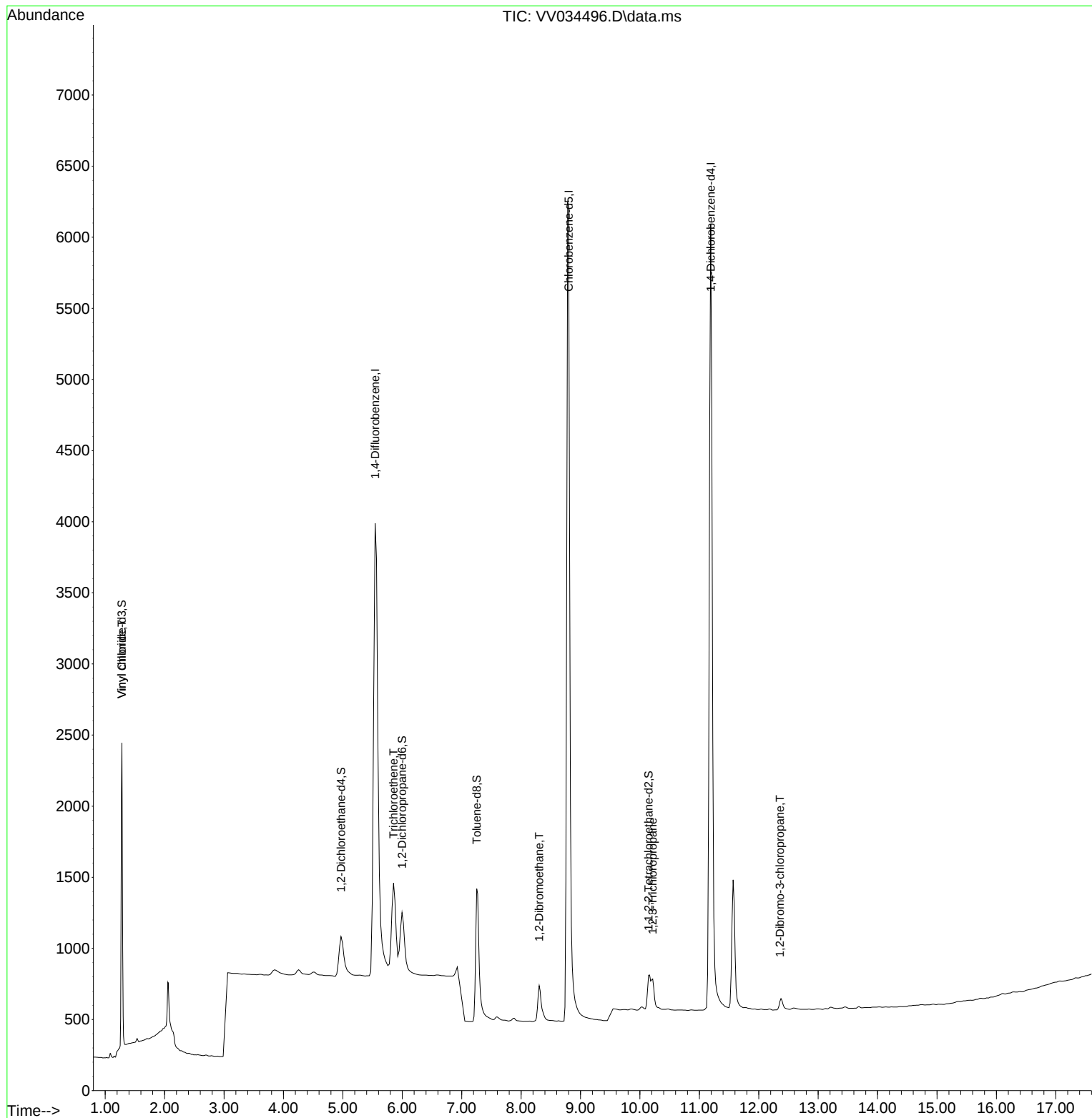
| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| Internal Standards            |        |      |          |       |        |          |
| 1) 1,4-Difluorobenzene        | 5.542  | 114  | 12256    | 0.500 | ug/L   | -0.02    |
| 5) Chlorobenzene-d5           | 8.800  | 117  | 11369    | 0.500 | ug/L   | 0.00     |
| 11) 1,4-Dichlorobenzene-d4    | 11.191 | 152  | 5995     | 0.500 | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |       |        |          |
| 2) Vinyl Chloride-d3          | 1.280  | 65   | 1188     | 0.078 | ug/L   | 0.00     |
| 4) 1,2-Dichloroethane-d4      | 4.969  | 65   | 710      | 0.070 | ug/L   | 0.00     |
| 7) 1,2-Dichloropropane-d6     | 5.995  | 67   | 789      | 0.075 | ug/L   | 0.00     |
| 8) Toluene-d8                 | 7.253  | 98   | 2305     | 0.076 | ug/L   | 0.00     |
| 10) 1,1,2,2-Tetrachloroeth... | 10.146 | 84   | 550      | 0.080 | ug/L   | 0.00     |
| Target Compounds              |        |      |          |       |        |          |
|                               |        |      |          |       |        | Qvalue   |
| 3) Vinyl chloride             | 1.280  | 62   | 1284     | 0.088 | ug/L   | 92       |
| 6) Trichloroethene            | 5.852  | 95   | 842      | 0.087 | ug/L   | 95       |
| 9) 1,2-Dibromoethane          | 8.305  | 107  | 498      | 0.079 | ug/L # | 93       |
| 12) 1,2,3-Trichloropropane    | 10.214 | 75   | 461      | 0.089 | ug/L   | 96       |
| 13) 1,2-Dibromo-3-chloropr... | 12.356 | 75   | 108      | 0.109 | ug/L   | 97       |
| -----                         |        |      |          |       |        |          |

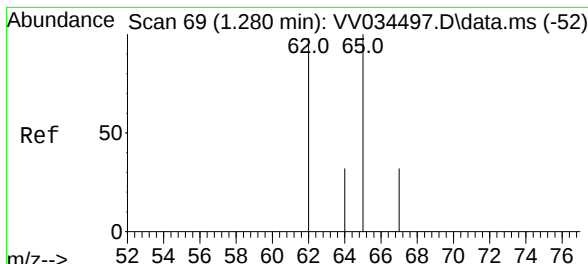
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 06 04:10:44 2024  
Response via : Initial Calibration





#3

Vinyl chloride

Concen: 0.088 ug/L

RT: 1.280 min Scan# 69

Delta R.T. 0.000 min

Lab File: VV034496.D

Acq: 05 Mar 2024 09:56

Instrument :

MSVOA\_V

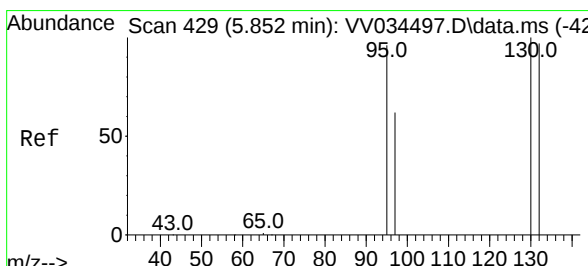
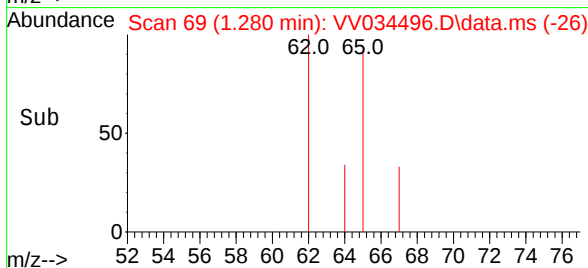
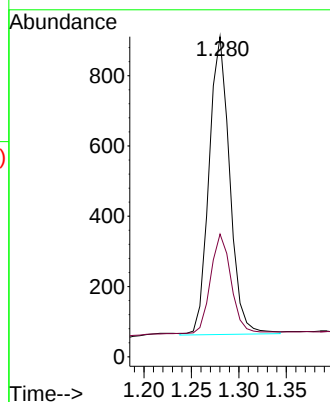
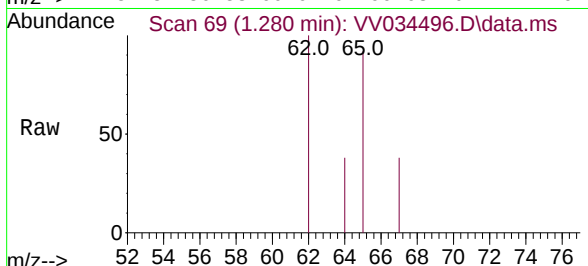
ClientSampleId :

Tgt Ion: 62 Resp: 1284

Ion Ratio Lower Upper

62 100

64 38.3 23.7 44.1



#6

Trichloroethene

Concen: 0.087 ug/L

RT: 5.852 min Scan# 429

Delta R.T. 0.000 min

Lab File: VV034496.D

Acq: 05 Mar 2024 09:56

Tgt Ion: 95 Resp: 842

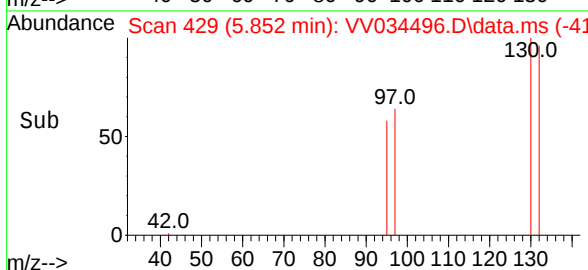
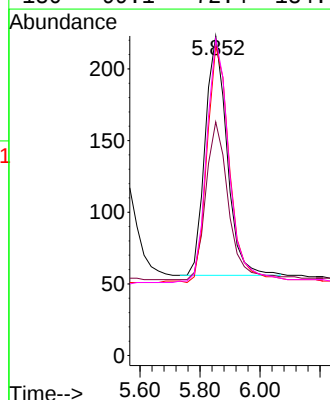
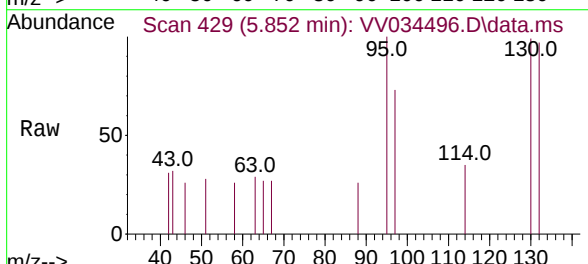
Ion Ratio Lower Upper

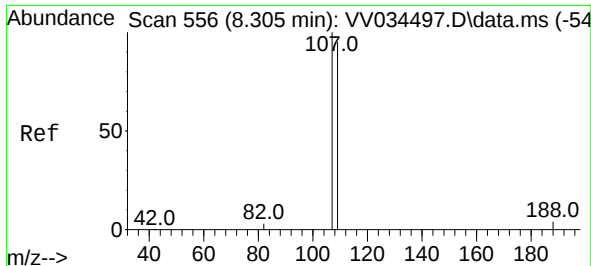
95 100

97 73.1 47.0 87.2

132 96.9 70.0 130.0

130 99.1 72.4 134.4

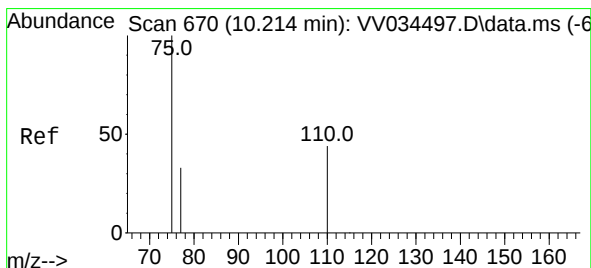
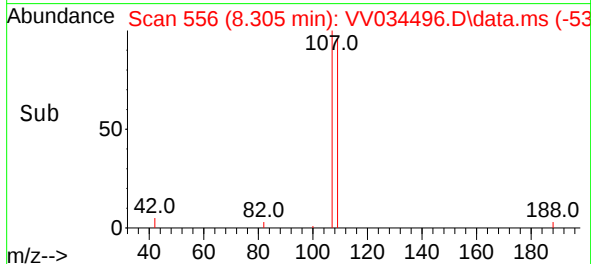
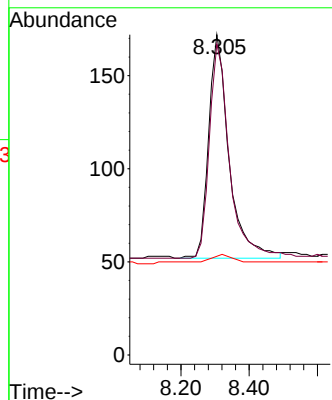
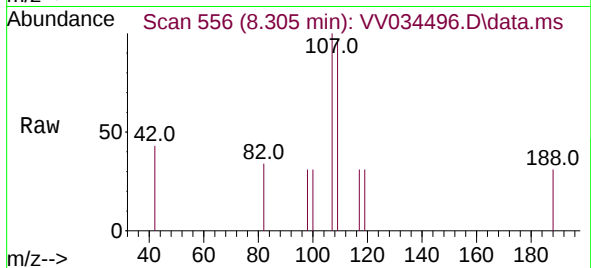




#9  
1,2-Dibromoethane  
Concen: 0.079 ug/L  
RT: 8.305 min Scan# 556  
Delta R.T. 0.000 min  
Lab File: VV034496.D  
Acq: 05 Mar 2024 09:56

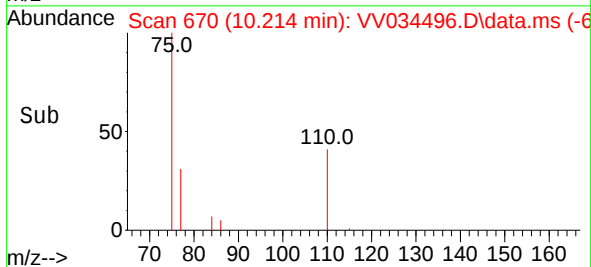
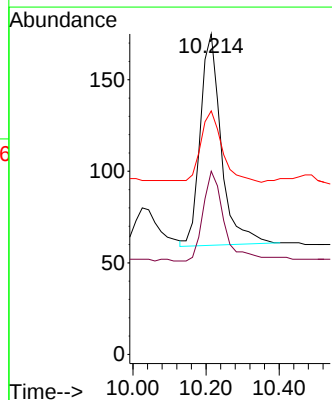
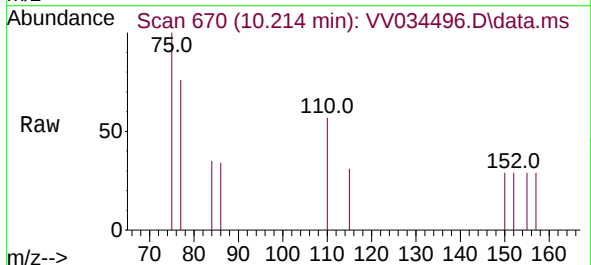
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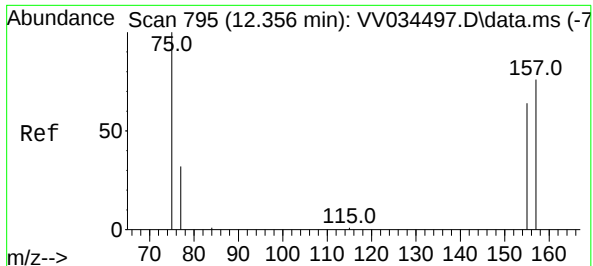
Tgt Ion:107 Resp: 498  
Ion Ratio Lower Upper  
107 100  
109 97.1 66.6 123.6  
188 30.8 8.6 12.8#



#12  
1,2,3-Trichloropropane  
Concen: 0.089 ug/L  
RT: 10.214 min Scan# 670  
Delta R.T. 0.000 min  
Lab File: VV034496.D  
Acq: 05 Mar 2024 09:56

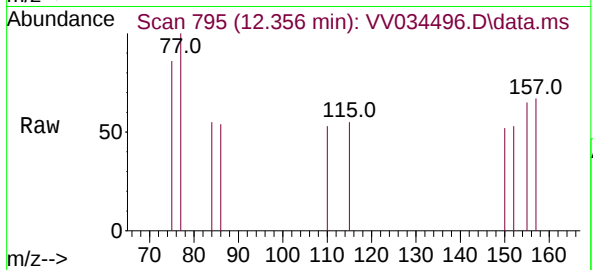
Tgt Ion: 75 Resp: 461  
Ion Ratio Lower Upper  
75 100  
110 44.3 33.1 49.7  
77 34.3 26.2 39.4





#13  
 1,2-Dibromo-3-chloropropane  
 Concen: 0.109 ug/L  
 RT: 12.356 min Scan# 795  
 Delta R.T. 0.000 min  
 Lab File: VV034496.D  
 Acq: 05 Mar 2024 09:56

Instrument :  
 MSVOA\_V  
 ClientSampleId :



|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 75 | Resp: | 108       |
| Ion Ratio   | Lower | Upper     |
| 75          | 100   |           |
| 157         | 78.6  | 62.9 94.3 |
| 155         | 76.2  | 56.2 84.4 |

