

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV030524\  
 Data File : VV034497.D  
 Acq On : 05 Mar 2024 10:20  
 Operator : SY/MD  
 Sample : VSTD0.5  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Mar 06 04:11:35 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

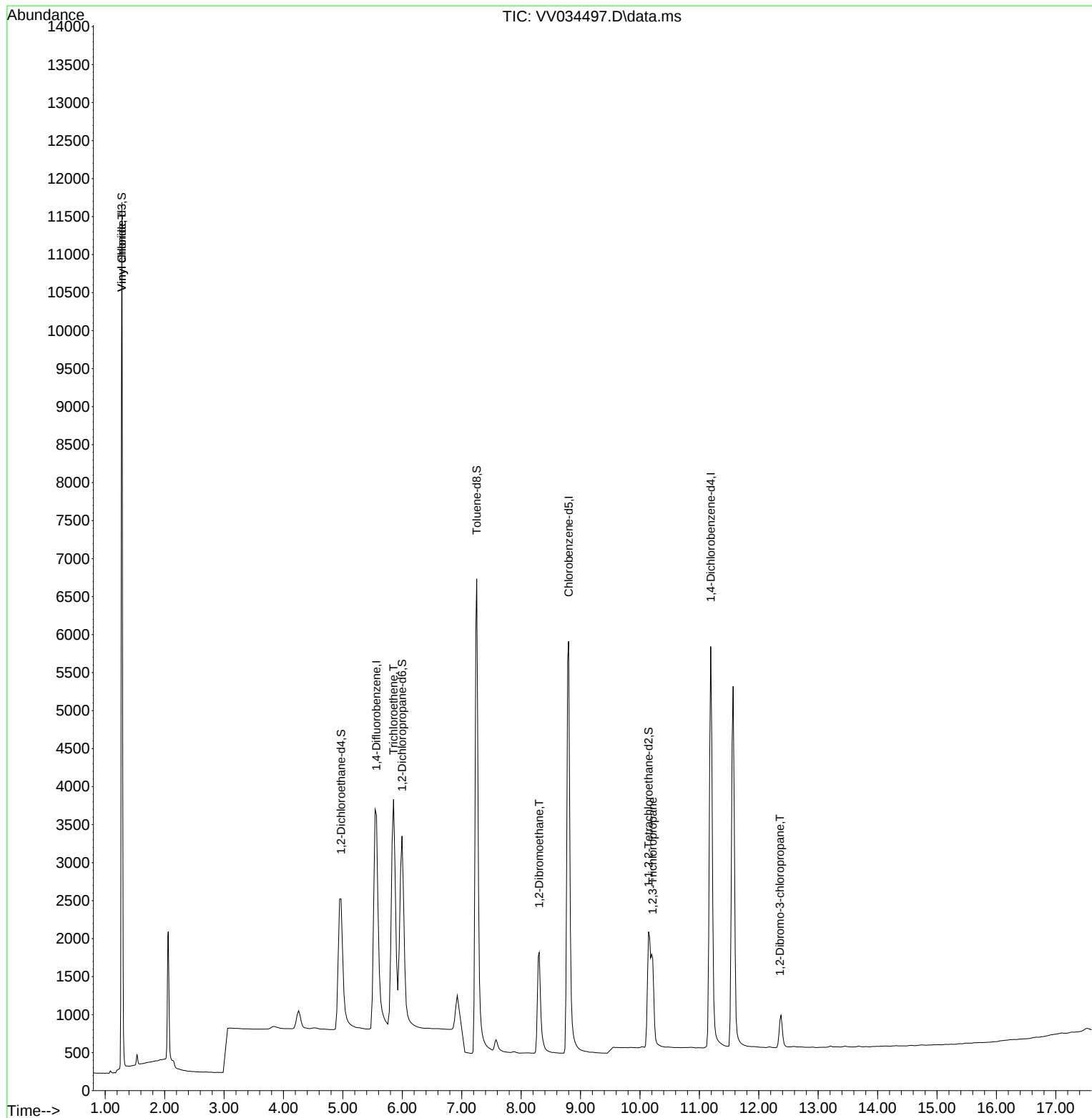
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Difluorobenzene        | 5.565  | 114  | 11559    | 0.500 | ug/L  | 0.00     |
| 5) Chlorobenzene-d5           | 8.800  | 117  | 10671    | 0.500 | ug/L  | 0.00     |
| 11) 1,4-Dichlorobenzene-d4    | 11.191 | 152  | 5662     | 0.500 | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 2) Vinyl Chloride-d3          | 1.280  | 65   | 6506     | 0.452 | ug/L  | 0.00     |
| 4) 1,2-Dichloroethane-d4      | 4.969  | 65   | 4281     | 0.450 | ug/L  | 0.00     |
| 7) 1,2-Dichloropropane-d6     | 5.995  | 67   | 4374     | 0.442 | ug/L  | 0.00     |
| 8) Toluene-d8                 | 7.253  | 98   | 12904    | 0.453 | ug/L  | 0.00     |
| 10) 1,1,2,2-Tetrachloroeth... | 10.145 | 84   | 3209     | 0.498 | ug/L  | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 3) Vinyl chloride             | 1.280  | 62   | 6430     | 0.465 | ug/L  | 100      |
| 6) Trichloroethene            | 5.852  | 95   | 4100     | 0.453 | ug/L  | 100      |
| 9) 1,2-Dibromoethane          | 8.305  | 107  | 2667     | 0.452 | ug/L  | 100      |
| 12) 1,2,3-Trichloropropane    | 10.214 | 75   | 2408     | 0.493 | ug/L  | 100      |
| 13) 1,2-Dibromo-3-chloropr... | 12.356 | 75   | 504      | 0.539 | ug/L  | 100      |
| -----                         |        |      |          |       |       |          |

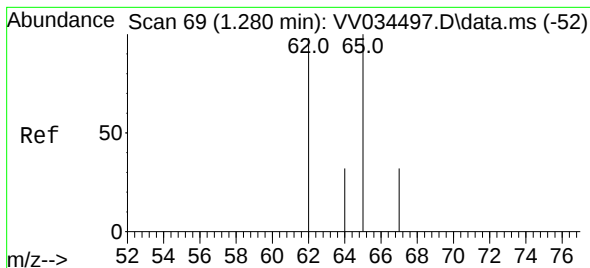
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#3

Vinyl chloride

Concen: 0.465 ug/L

RT: 1.280 min Scan# 69

Delta R.T. 0.000 min

Lab File: VV034497.D

Acq: 05 Mar 2024 10:20

Instrument :

MSVOA\_V

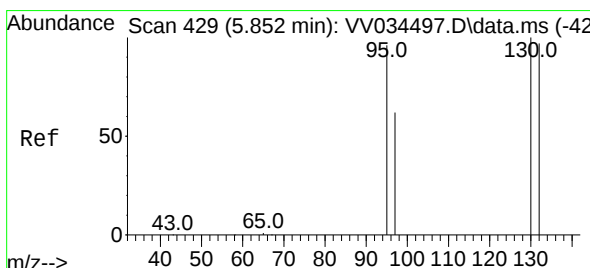
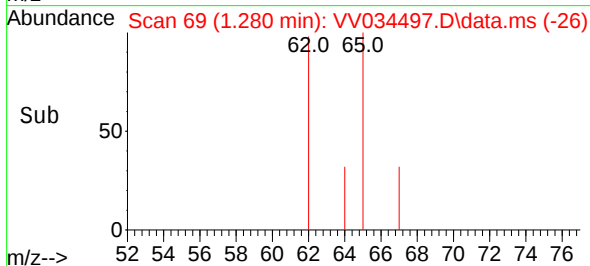
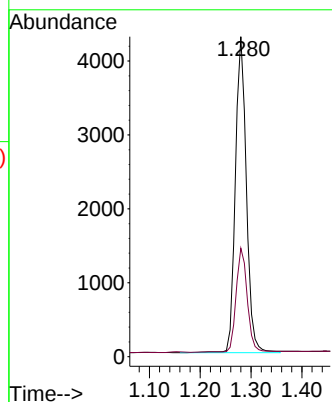
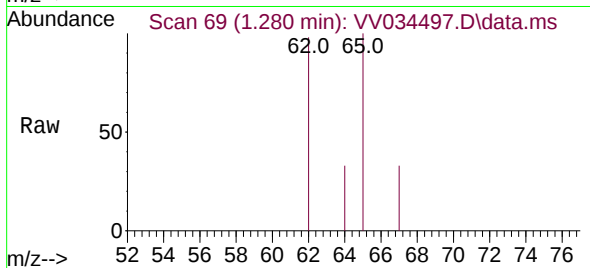
ClientSampleId :

Tgt Ion: 62 Resp: 6430

Ion Ratio Lower Upper

62 100

64 33.9 23.7 44.1



#6

Trichloroethene

Concen: 0.453 ug/L

RT: 5.852 min Scan# 429

Delta R.T. 0.000 min

Lab File: VV034497.D

Acq: 05 Mar 2024 10:20

Tgt Ion: 95 Resp: 4100

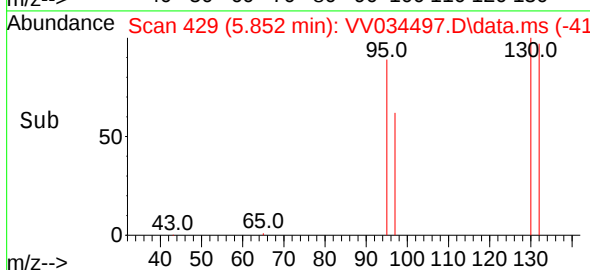
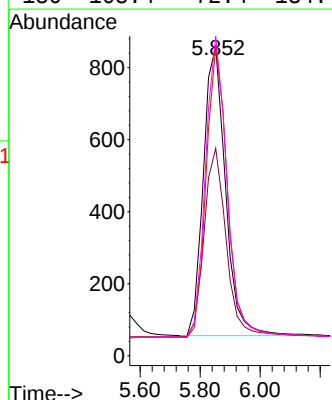
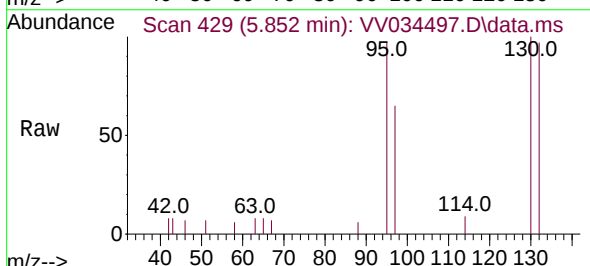
Ion Ratio Lower Upper

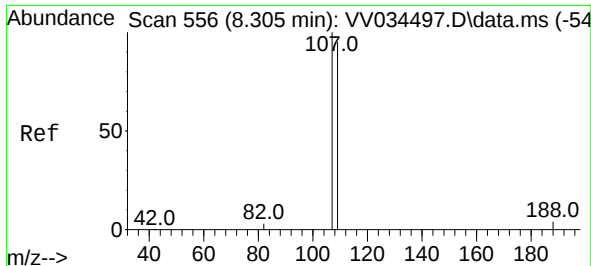
95 100

97 67.1 47.0 87.2

132 100.0 70.0 130.0

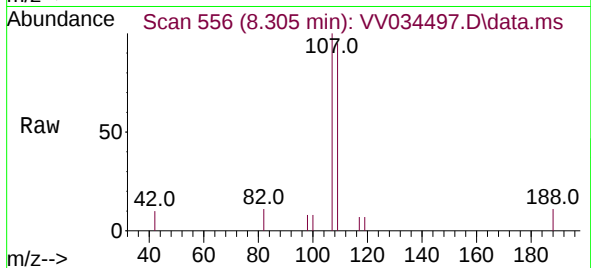
130 103.4 72.4 134.4



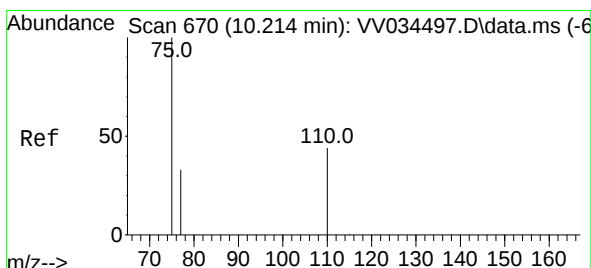
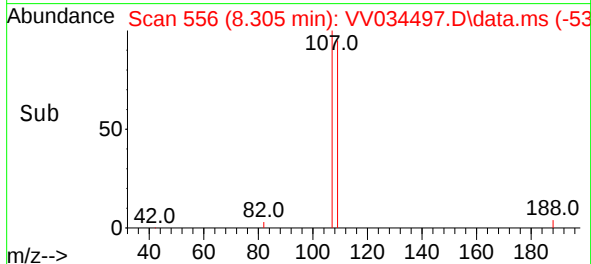
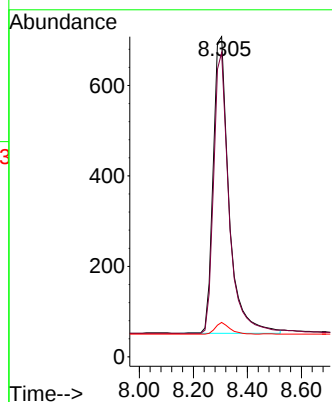


#9  
1,2-Dibromoethane  
Concen: 0.452 ug/L  
RT: 8.305 min Scan# 556  
Delta R.T. 0.000 min  
Lab File: VV034497.D  
Acq: 05 Mar 2024 10:20

Instrument :  
MSVOA\_V  
ClientSampleId :

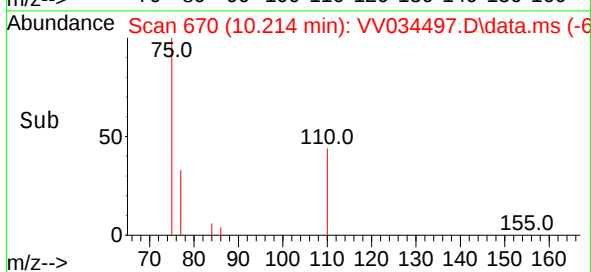
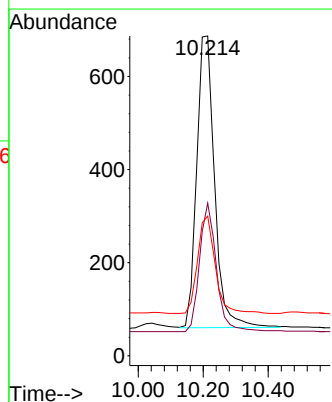
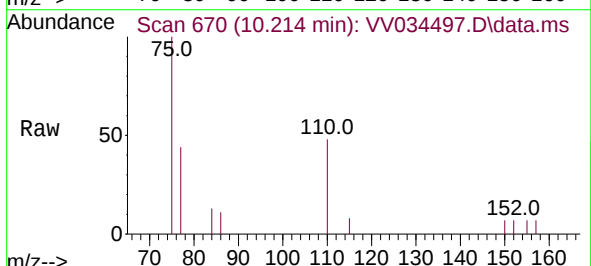


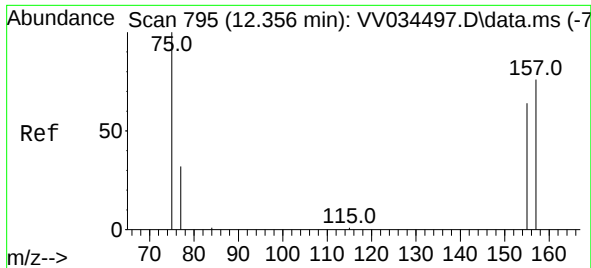
Tgt Ion:107 Resp: 2667  
Ion Ratio Lower Upper  
107 100  
109 95.1 66.6 123.6  
188 10.7 8.6 12.8



#12  
1,2,3-Trichloropropane  
Concen: 0.493 ug/L  
RT: 10.214 min Scan# 670  
Delta R.T. 0.000 min  
Lab File: VV034497.D  
Acq: 05 Mar 2024 10:20

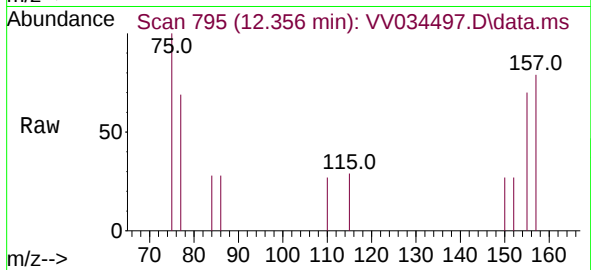
Tgt Ion: 75 Resp: 2408  
Ion Ratio Lower Upper  
75 100  
110 41.4 33.1 49.7  
77 32.8 26.2 39.4





#13  
 1,2-Dibromo-3-chloropropane  
 Concen: 0.539 ug/L  
 RT: 12.356 min Scan# 795  
 Delta R.T. 0.000 min  
 Lab File: VV034497.D  
 Acq: 05 Mar 2024 10:20

Instrument :  
 MSVOA\_V  
 ClientSampleId :



Tgt Ion: 75 Resp: 504

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 157 | 78.6  | 62.9  | 94.3  |
| 155 | 70.3  | 56.2  | 84.4  |

