

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092023\  
 Data File : VU055433.D  
 Acq On : 20 Sep 2023 18:30  
 Operator : MD/SY  
 Sample : 04398-01DL 200X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BH4K4DL

Quant Time: Sep 21 00:32:01 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR091923WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Sep 21 00:26:15 2023  
 Response via : Initial Calibration

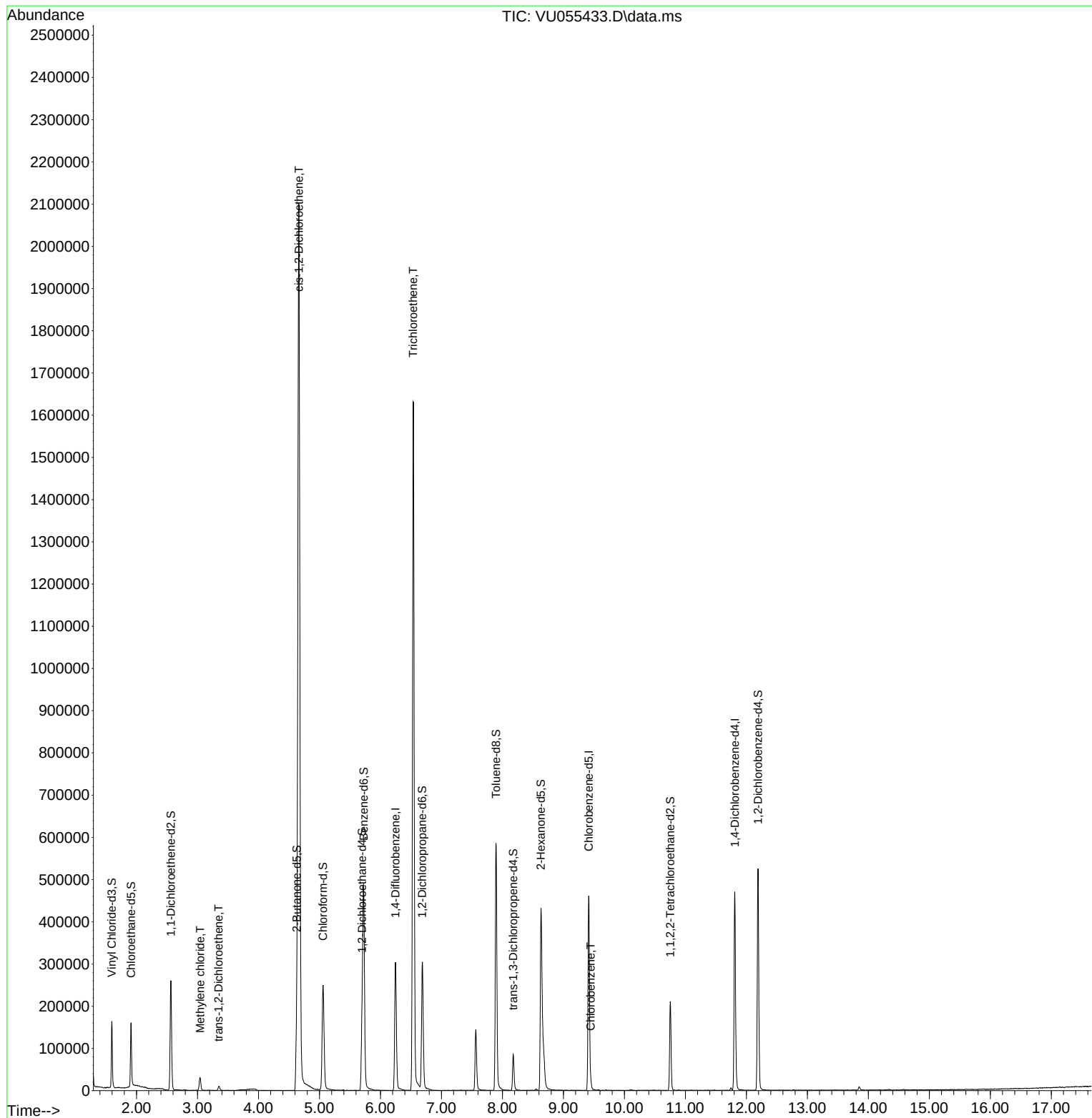
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114   | 253782   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.415  | 117   | 262983   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.811 | 152   | 127432   | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 110391   | 4.304    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 86.000%  |
| 7) Chloroethane-d5            | 1.911  | 69    | 106996   | 4.734    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 94.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65    | 48734    | 4.616    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 92.400%  |
| 20) 2-Butanone-d5             | 4.628  | 46    | 248429   | 53.623   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 107.240% |
| 24) Chloroform-d              | 5.058  | 84    | 234855   | 5.062    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 101.200% |
| 26) 1,2-Dichloroethane-d4     | 5.698  | 65    | 120457   | 5.398    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 108.000% |
| 32) Benzene-d6                | 5.724  | 84    | 472180   | 5.133    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 102.600% |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67    | 142117   | 5.171    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 103.400% |
| 41) Toluene-d8                | 7.894  | 98    | 402832   | 4.805    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 96.000%  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 47391    | 4.913    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 98.200%  |
| 46) 2-Hexanone-d5             | 8.631  | 63    | 135406   | 46.155   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 92.300%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84    | 105598   | 5.127    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 102.600% |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   | 139381   | 5.419    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 108.400% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        |          |
| 16) Methylene chloride        | 3.042  | 84    | 14775    | 0.695    | ug/L   | 95       |
| 18) trans-1,2-Dichloroethene  | 3.348  | 96    | 3629     | 0.203    | ug/L # | 82       |
| 22) cis-1,2-Dichloroethene    | 4.663  | 96    | 1111740  | 53.617   | ug/L   | 98       |
| 34) Trichloroethene           | 6.537  | 95    | 558899   | 26.104   | ug/L   | 99       |
| 51) Chlorobenzene             | 9.447  | 112   | 7473     | 0.145    | ug/L # | 87       |
| -----                         |        |       |          |          |        |          |

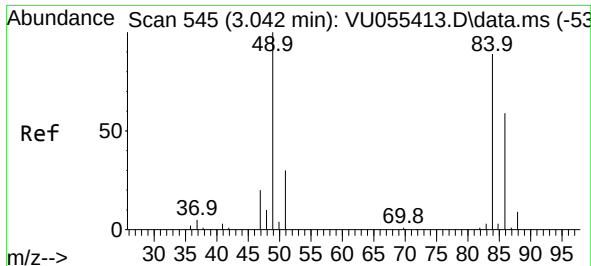
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092023\  
Data File : VU055433.D  
Acq On : 20 Sep 2023 18:30  
Operator : MD/SY  
Sample : 04398-01DL 200X  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BH4K4DL

Quant Time: Sep 21 00:32:01 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR091923WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Thu Sep 21 00:26:15 2023  
Response via : Initial Calibration

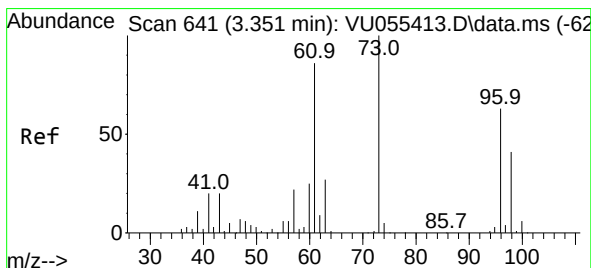
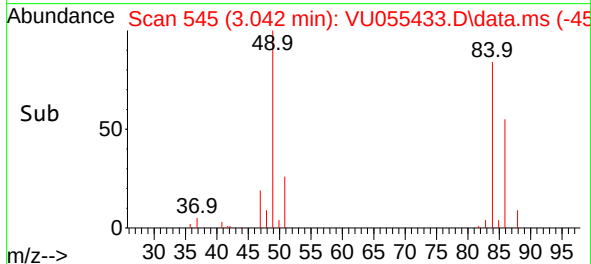
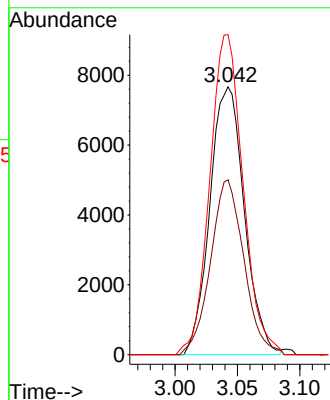
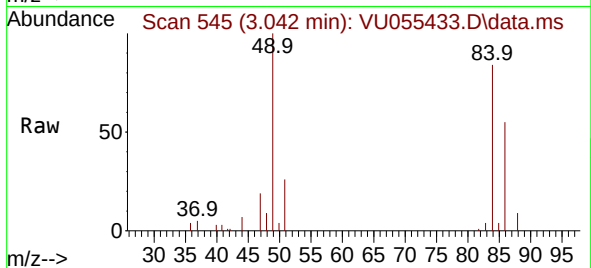




#16  
Methylene chloride  
Concen: 0.695 ug/L  
RT: 3.042 min Scan# 54  
Delta R.T. 0.000 min  
Lab File: VU055433.D  
Acq: 20 Sep 2023 18:30

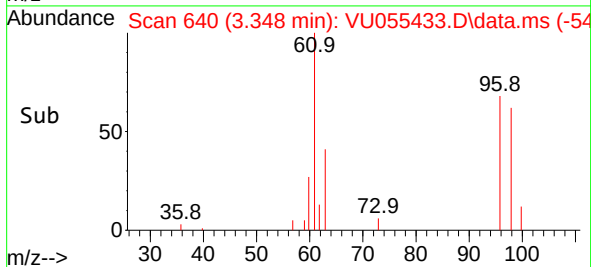
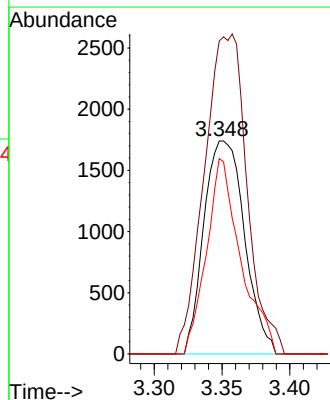
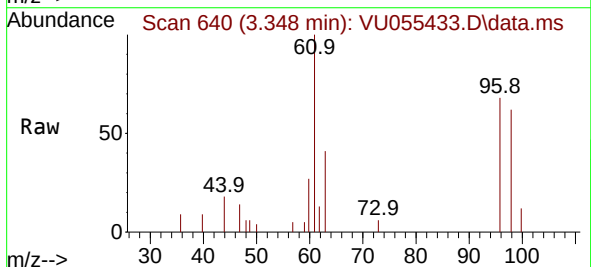
Instrument :  
MSVOA\_U  
ClientSampleId :  
BH4K4DL

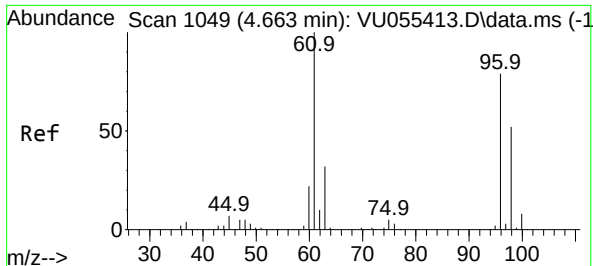
Tgt Ion: 84 Resp: 14775  
Ion Ratio Lower Upper  
84 100  
86 65.3 44.9 83.3  
49 119.5 78.8 146.3



#18  
trans-1,2-Dichloroethene  
Concen: 0.203 ug/L  
RT: 3.348 min Scan# 640  
Delta R.T. -0.003 min  
Lab File: VU055433.D  
Acq: 20 Sep 2023 18:30

Tgt Ion: 96 Resp: 3629  
Ion Ratio Lower Upper  
96 100  
61 146.9 94.6 175.6  
98 91.7 45.7 84.9#

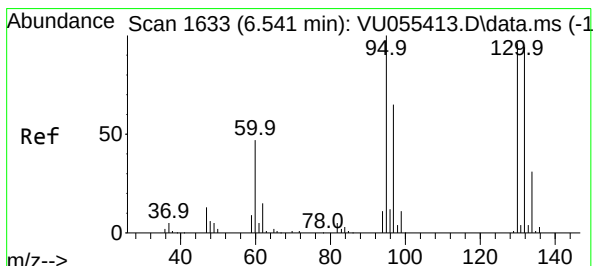
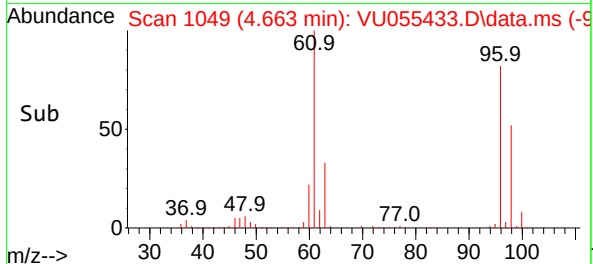
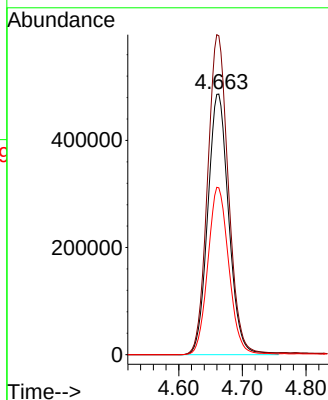
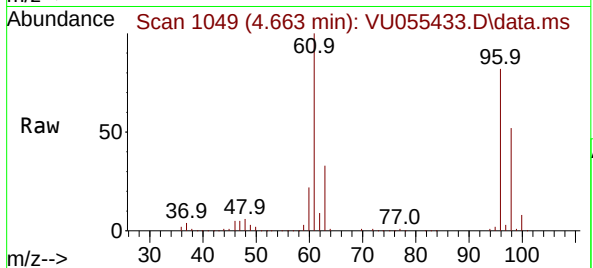




#22  
cis-1,2-Dichloroethene  
Concen: 53.617 ug/L  
RT: 4.663 min Scan# 1049  
Delta R.T. 0.000 min  
Lab File: VU055433.D  
Acq: 20 Sep 2023 18:30

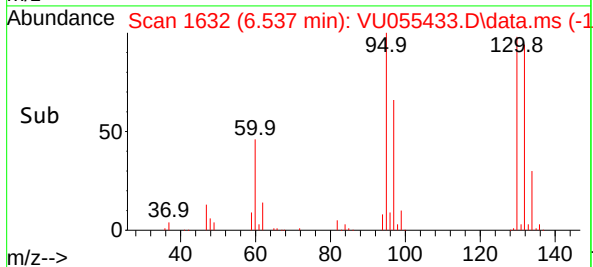
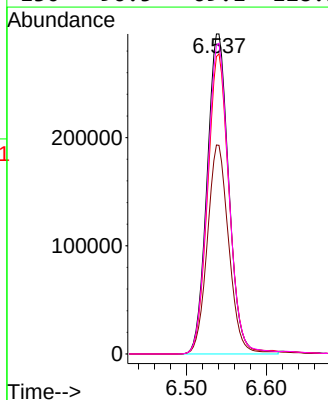
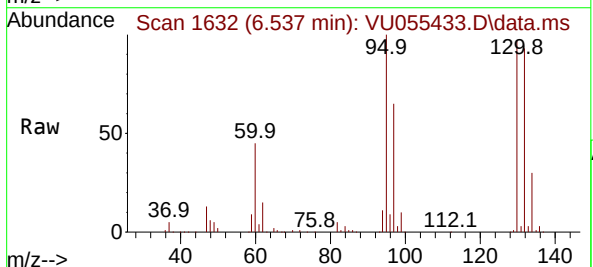
Instrument :  
MSVOA\_U  
ClientSampleId :  
BH4K4DL

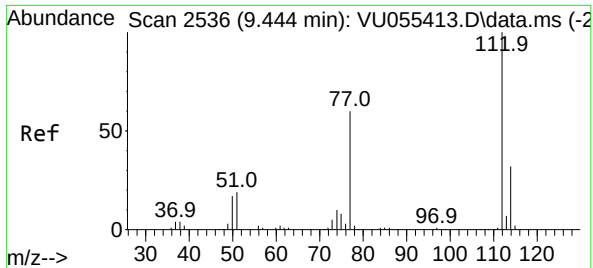
Tgt Ion: 96 Resp: 1111740  
Ion Ratio Lower Upper  
96 100  
61 122.3 87.8 163.2  
98 64.0 44.4 82.4



#34  
Trichloroethene  
Concen: 26.104 ug/L  
RT: 6.537 min Scan# 1632  
Delta R.T. -0.003 min  
Lab File: VU055433.D  
Acq: 20 Sep 2023 18:30

Tgt Ion: 95 Resp: 558899  
Ion Ratio Lower Upper  
95 100  
97 65.3 45.4 84.2  
132 92.9 65.2 121.2  
130 96.5 69.1 128.3





#51  
 Chlorobenzene  
 Concen: 0.145 ug/L  
 RT: 9.447 min Scan# 21  
 Delta R.T. 0.003 min  
 Lab File: VU055433.D  
 Acq: 20 Sep 2023 18:30

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BH4K4DL

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 7473  |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 114      | 20.5  | 22.0  | 40.8# |
| 77       | 52.1  | 46.9  | 70.3  |

