

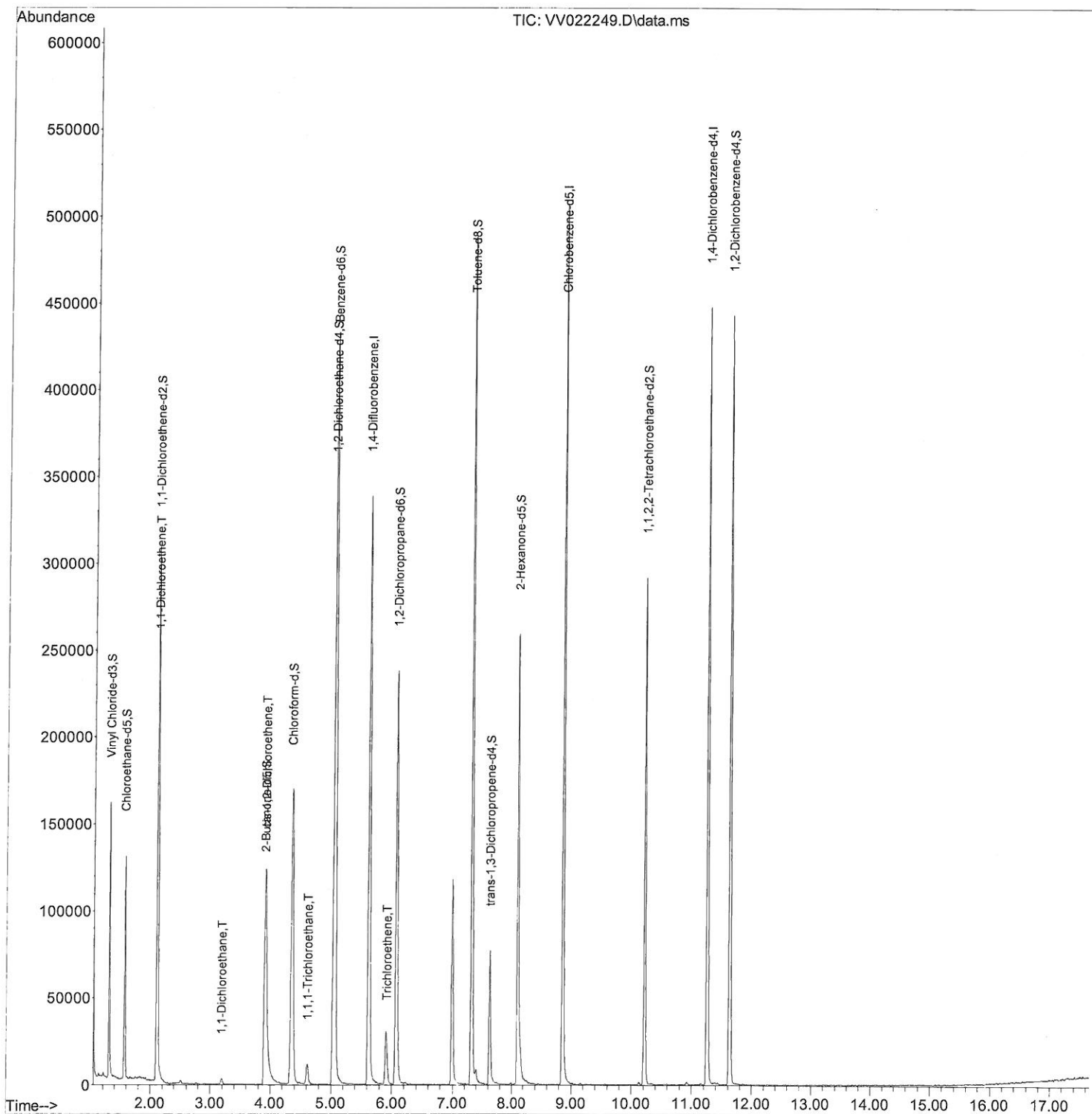
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV092021\  
Data File : VV022249.D  
Acq On : 20 Sep 2021 22:15  
Operator : SY/MD  
Sample : M3788-11  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
C0CL3

Manual Integrations  
APPROVED

MMDadoda  
9/21/2021 1:51:13 PM

Quant Time: Sep 21 06:22:57 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082721WMA.M  
Quant Title : VOC Analysis  
QLast Update : Tue Sep 21 06:08:34 2021  
Response via : Initial Calibration



## Quantitation Report (Qedit)

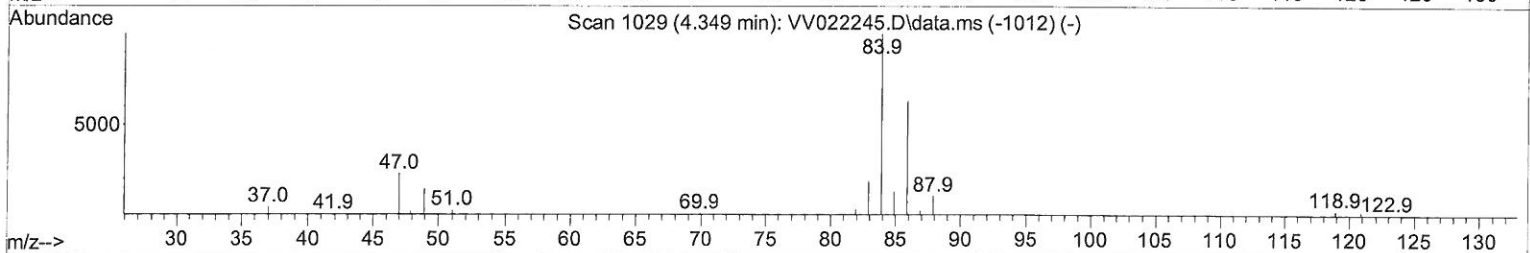
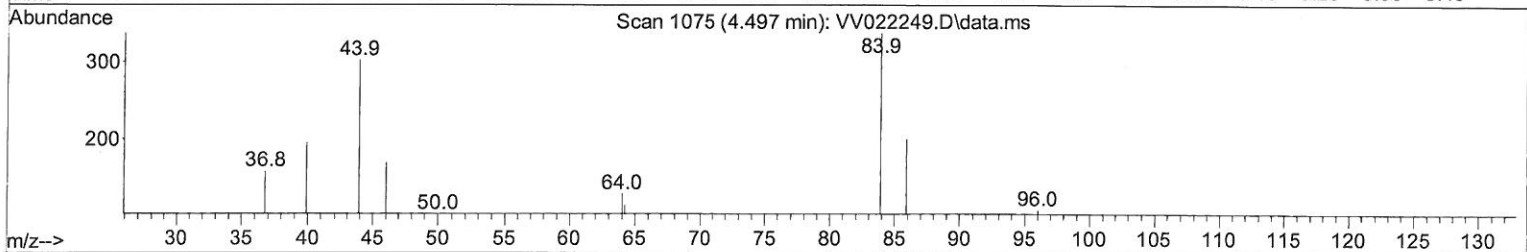
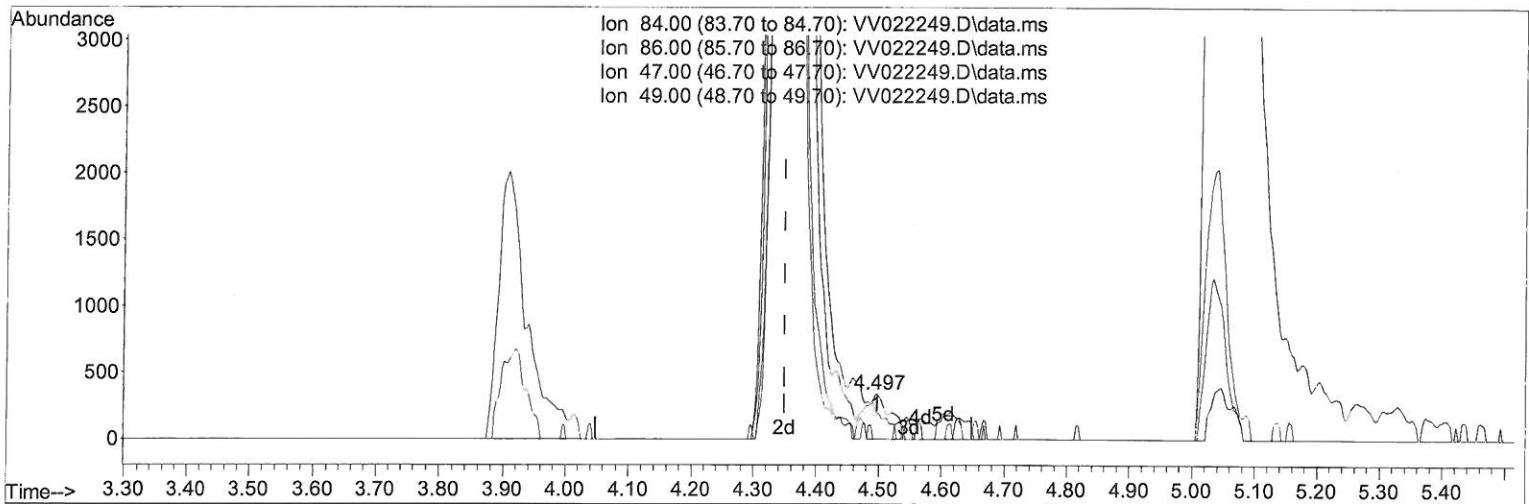
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MSVOA\_V  
ClientSampled :  
C0CL3

Manual Integrations  
APPROVED

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QLast Update : Tue Sep 21 06:08:34 2021  
Response via : Initial Calibration



TIC: VV022249.D\data.ms

(24) Chloroform-d (S)

4.497min (+ 0.148) 0.04 ug/L

response 152

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 86.00 | 61.70  | 59.87  |
| 47.00 | 37.10  | 26.32  |
| 49.00 | 22.10  | 28.29  |

# Quantitation Report (Qedit)

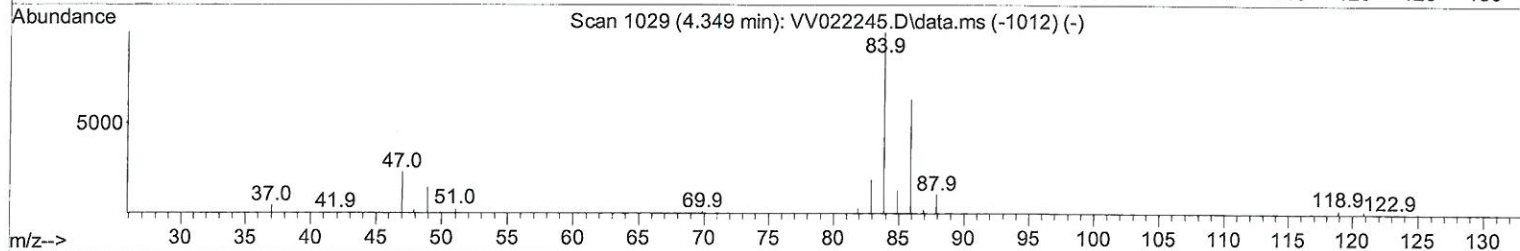
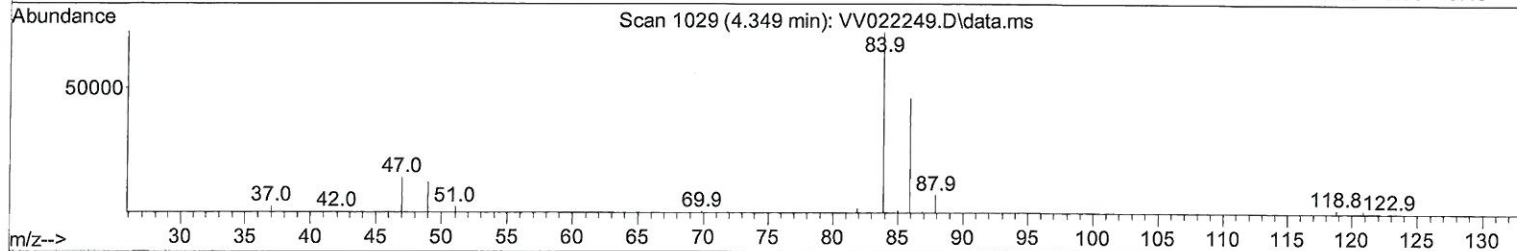
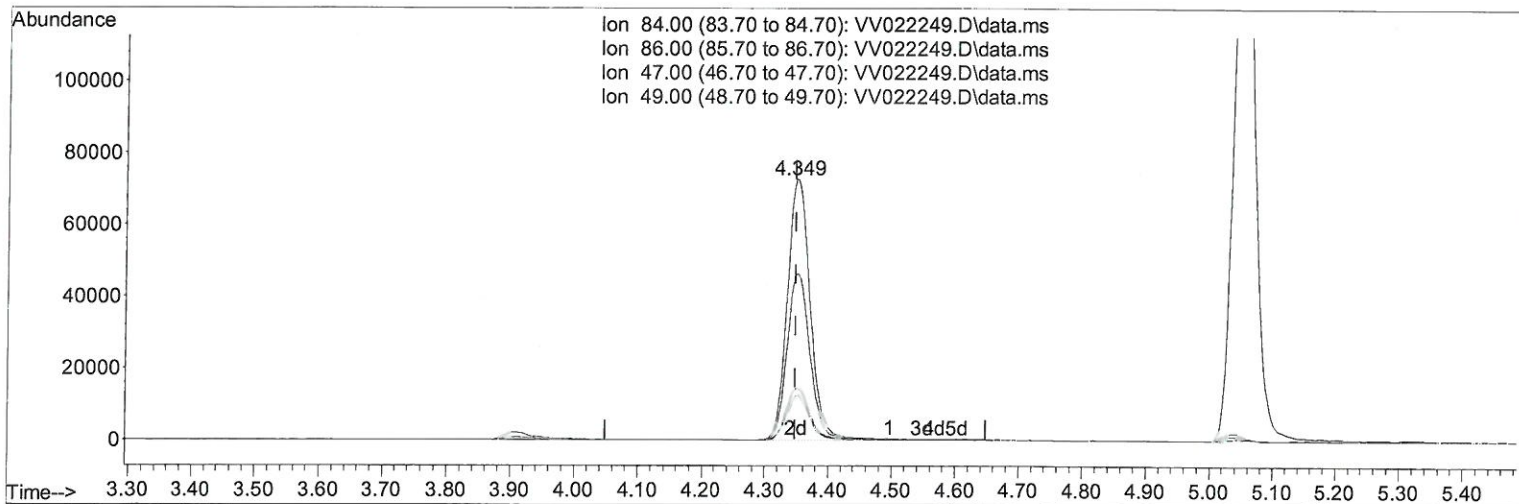
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Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0CL3

Manual Integrations  
 APPROVED

MMDadoda  
 9/21/2021 1:51:13 PM

Quant Time: Sep 21 06:22:57 2021  
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 Quant Title : VOC Analysis  
 QLast Update : Tue Sep 21 06:08:34 2021  
 Response via : Initial Calibration



TIC: VV022249.D\data.ms

(24) Chloroform-d (S)

4.349min (+ 0.000) 46.82 ug/L m

response 181650

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 86.00 | 61.70  | 0.05#  |
| 47.00 | 37.10  | 0.02#  |
| 49.00 | 22.10  | 0.02#  |

*MD*  
 9/22/21

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\V092021\  
 Data File : V022249.D  
 Acq On : 20 Sep 2021 22:15  
 Operator : SY/MD  
 Sample : M3788-11  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0CL3

Manual Integrations  
 APPROVED

MMDadoda  
 9/21/2021 1:51:13 PM

Quant Time: Sep 21 06:22:57 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082721WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Sep 21 06:08:34 2021  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.619          | 114  | 307253     | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.853          | 117  | 287118     | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.252         | 152  | 121615     | 50.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.304          | 65   | 101549     | 47.726   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 95.460%  |       |          |
| 7) Chloroethane-d5            | 1.568          | 69   | 81889      | 49.282   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 98.560%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.105          | 63   | 150521     | 42.774   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 85.540%  |       |          |
| 21) 2-Butanone-d5             | 3.902          | 46   | 149167     | 102.221  | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 102.220% |       |          |
| 24) Chloroform-d              | 4.349          | 84   | 181650m    | 46.820   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 93.640%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.037          | 65   | 112652     | 49.295   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 98.600%  |       |          |
| 32) Benzene-d6                | 5.053          | 84   | 380303     | 48.834   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 97.660%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.072          | 67   | 119844     | 48.934   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 97.860%  |       |          |
| 41) Toluene-d8                | 7.320          | 98   | 327856     | 44.598   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 89.200%  |       |          |
| 43) trans-1,3-Dichloroprop... | 7.625          | 79   | 46157      | 39.597   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 79.200%  |       |          |
| 47) 2-Hexanone-d5             | 8.095          | 63   | 93399      | 99.391   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 99.390%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.220         | 84   | 141398     | 45.080   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 90.160%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.625         | 152  | 119360     | 49.924   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 99.840%  |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 12) 1,1-Dichloroethene        | 2.114          | 96   | 21325      | 12.033   | ug/L  | # 1      |
| 19) 1,1-Dichloroethane        | 3.191          | 63   | 3649       | 0.956    | ug/L  | 94       |
| 20) cis-1,2-Dichloroethene    | 3.915          | 96   | 36441      | 15.279   | ug/L  | 98       |
| 30) 1,1,1-Trichloroethane     | 4.616          | 97   | 9453       | 2.770    | ug/L  | 98       |
| 34) Trichloroethene           | 5.921          | 95   | 3056       | 1.292    | ug/L  | 84       |
| -----                         |                |      |            |          |       |          |

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

MD  
 9/22/21