

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU121324\  
 Data File : VU062302.D  
 Acq On : 13 Dec 2024 10:54  
 Operator : MD/SY  
 Sample : P5228-06DL 5X  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Dec 14 03:47:08 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR120924WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Dec 14 03:45:56 2024  
 Response via : Initial Calibration

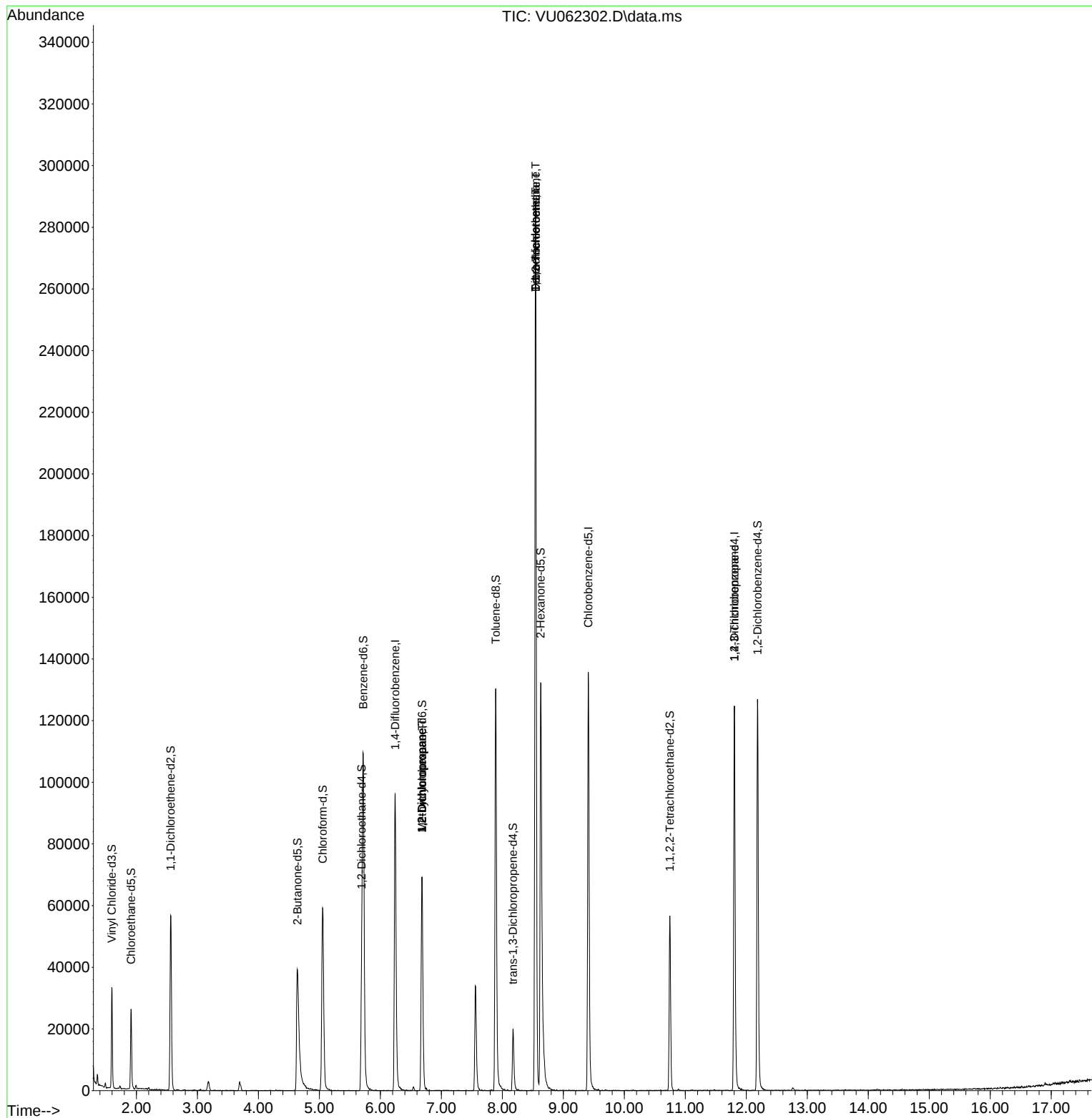
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 83050    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.409  | 117   | 79764    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.804 | 152   | 35657    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 22067    | 3.939    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 78.800%  |
| 7) Chloroethane-d5            | 1.911  | 69    | 19459    | 4.884    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 97.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 11238    | 4.217    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 84.400%  |
| 20) 2-Butanone-d5             | 4.637  | 46    | 64859    | 60.414   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 120.820% |
| 24) Chloroform-d              | 5.052  | 84    | 60047    | 4.953    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 99.000%  |
| 26) 1,2-Dichloroethane-d4     | 5.692  | 65    | 32729    | 5.490    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 109.800% |
| 32) Benzene-d6                | 5.718  | 84    | 105752   | 4.603    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 92.000%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 33362    | 5.075    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 101.600% |
| 41) Toluene-d8                | 7.891  | 98    | 92557    | 4.265    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 85.200%  |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79    | 12782    | 4.418    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 88.400%  |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 48224    | 55.247   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 110.500% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.746 | 84    | 28178    | 5.509    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 110.200% |
| 66) 1,2-Dichlorobenzene-d4    | 12.184 | 152   | 36664    | 5.580    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 111.600% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 35) Methylcyclohexane         | 6.682  | 83    | 9070     | 0.874    | ug/L # | 19       |
| 37) 1,2-Dichloropropane       | 6.679  | 63    | 3973     | 0.660    | ug/L # | 87       |
| 45) 1,1,2-Trichloroethane     | 8.547  | 97    | 476      | 0.105    | ug/L # | 18       |
| 47) Tetrachloroethene         | 8.544  | 164   | 64726    | 11.972   | ug/L   | 94       |
| 49) Dibromochloromethane      | 8.544  | 129   | 63856    | 11.630   | ug/L # | 13       |
| 61) 1,2,3-Trichloropropane    | 11.804 | 75    | 3624     | 1.099    | ug/L # | 64       |
| -----                         |        |       |          |          |        |          |

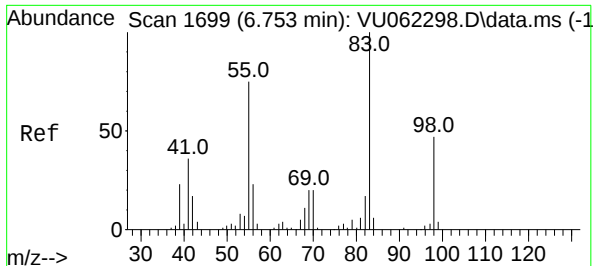
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#35

Methylcyclohexane

Concen: 0.874 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU062302.D

Acq: 13 Dec 2024 10:54

Instrument :

MSVOA\_U

ClientSampleId :

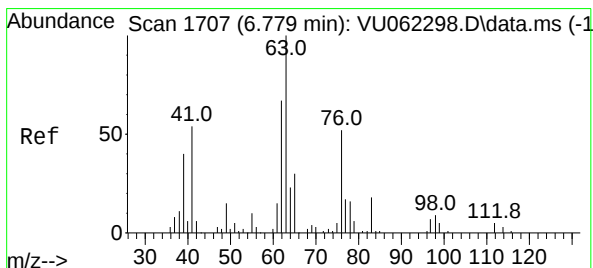
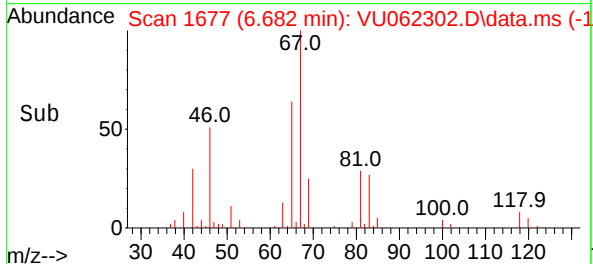
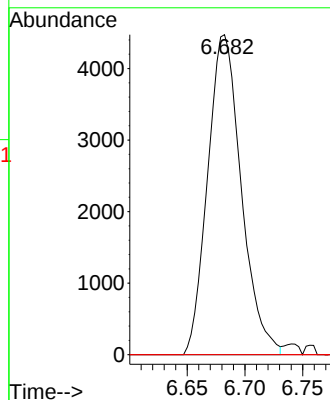
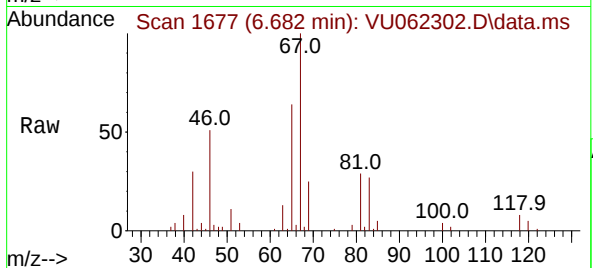
Tgt Ion: 83 Resp: 9070

Ion Ratio Lower Upper

83 100

55 0.0 60.7 91.1#

98 0.0 34.8 52.2#



#37

1,2-Dichloropropane

Concen: 0.660 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.100 min

Lab File: VU062302.D

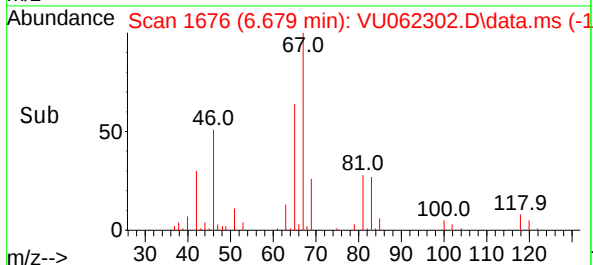
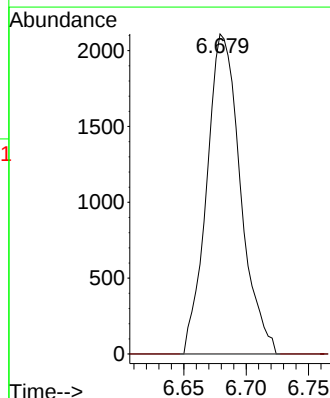
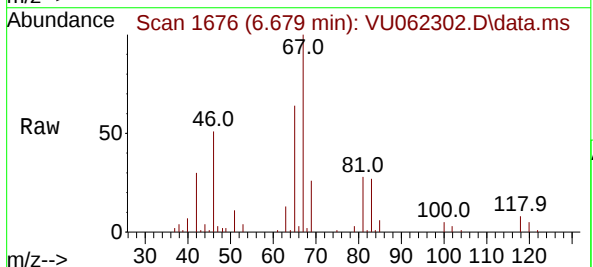
Acq: 13 Dec 2024 10:54

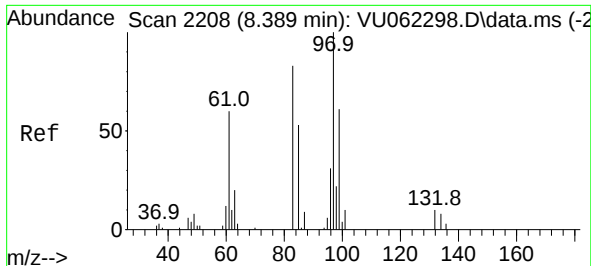
Tgt Ion: 63 Resp: 3973

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



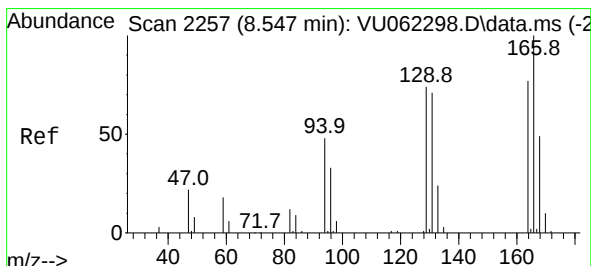
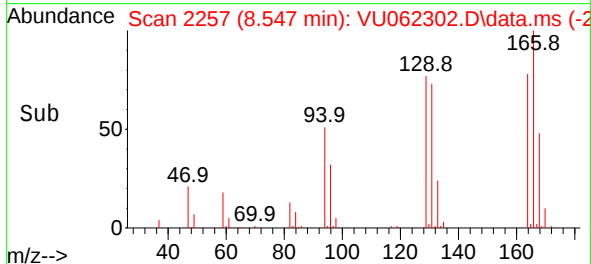
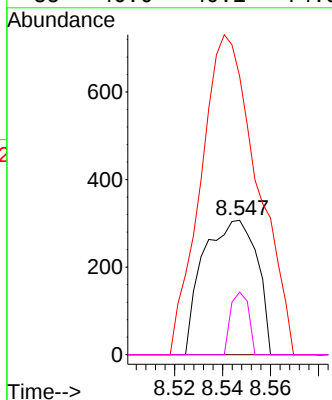
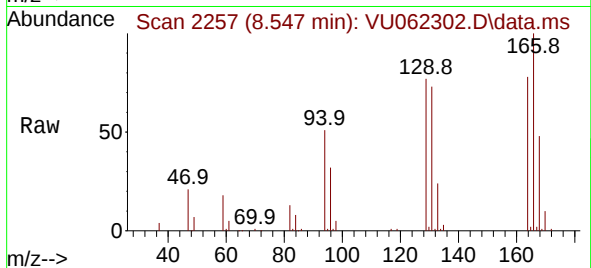


#45  
1,1,2-Trichloroethane  
Concen: 0.105 ug/L  
RT: 8.547 min Scan# 2208  
Delta R.T. 0.158 min  
Lab File: VU062302.D  
Acq: 13 Dec 2024 10:54

Instrument :  
MSVOA\_U  
ClientSampleId :

Tgt Ion: 97 Resp: 476

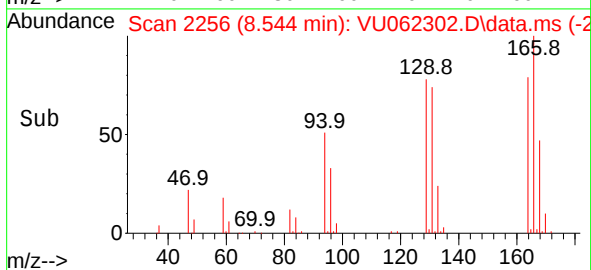
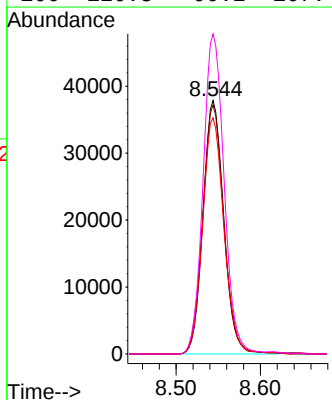
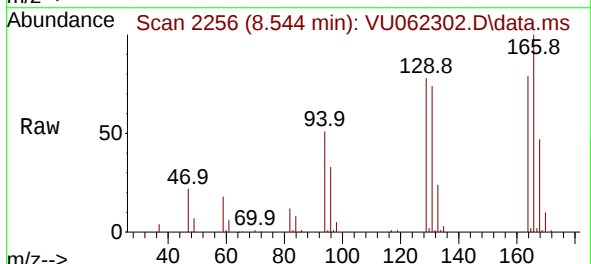
| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 97  | 100   |       |        |
| 99  | 0.0   | 43.0  | 79.8#  |
| 83  | 207.2 | 61.7  | 114.5# |
| 85  | 46.6  | 40.1  | 74.5   |

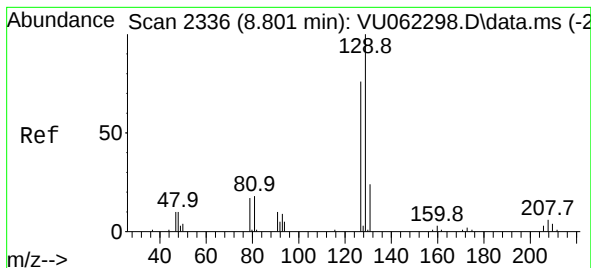


#47  
Tetrachloroethene  
Concen: 11.972 ug/L  
RT: 8.544 min Scan# 2256  
Delta R.T. -0.003 min  
Lab File: VU062302.D  
Acq: 13 Dec 2024 10:54

Tgt Ion:164 Resp: 64726

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 98.2  | 73.2  | 136.0 |
| 131 | 93.2  | 72.3  | 134.3 |
| 166 | 126.3 | 90.2  | 167.4 |





#49

Dibromochloromethane

Concen: 11.630 ug/L

RT: 8.544 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU062302.D

Acq: 13 Dec 2024 10:54

Instrument :

MSVOA\_U

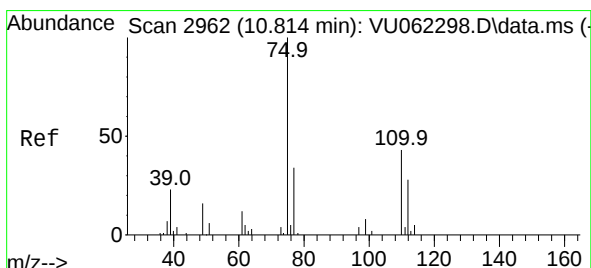
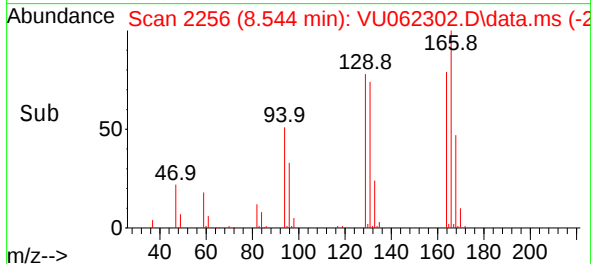
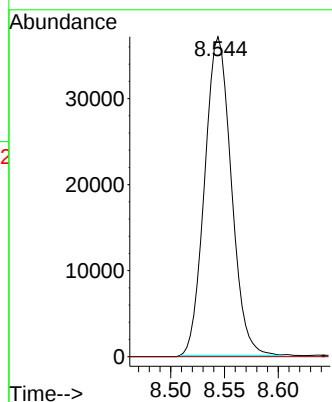
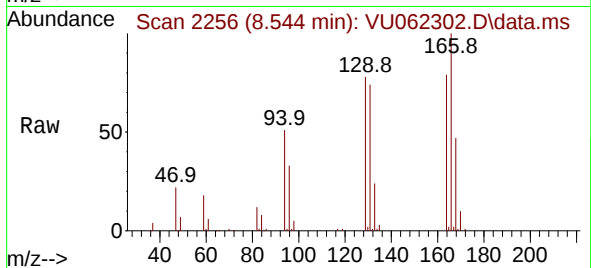
ClientSampleId :

Tgt Ion:129 Resp: 63856

Ion Ratio Lower Upper

129 100

127 0.0 51.1 94.9#



#61

1,2,3-Trichloropropane

Concen: 1.099 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.990 min

Lab File: VU062302.D

Acq: 13 Dec 2024 10:54

Tgt Ion: 75 Resp: 3624

Ion Ratio Lower Upper

75 100

110 0.0 28.9 43.3#

77 37.5 26.5 39.7

