

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV031324\  
 Data File : VV034578.D  
 Acq On : 13 Mar 2024 16:28  
 Operator : SY/MD  
 Sample : P1739-10  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Mar 14 02:25:28 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM022924WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Mar 14 02:21:30 2024  
 Response via : Initial Calibration

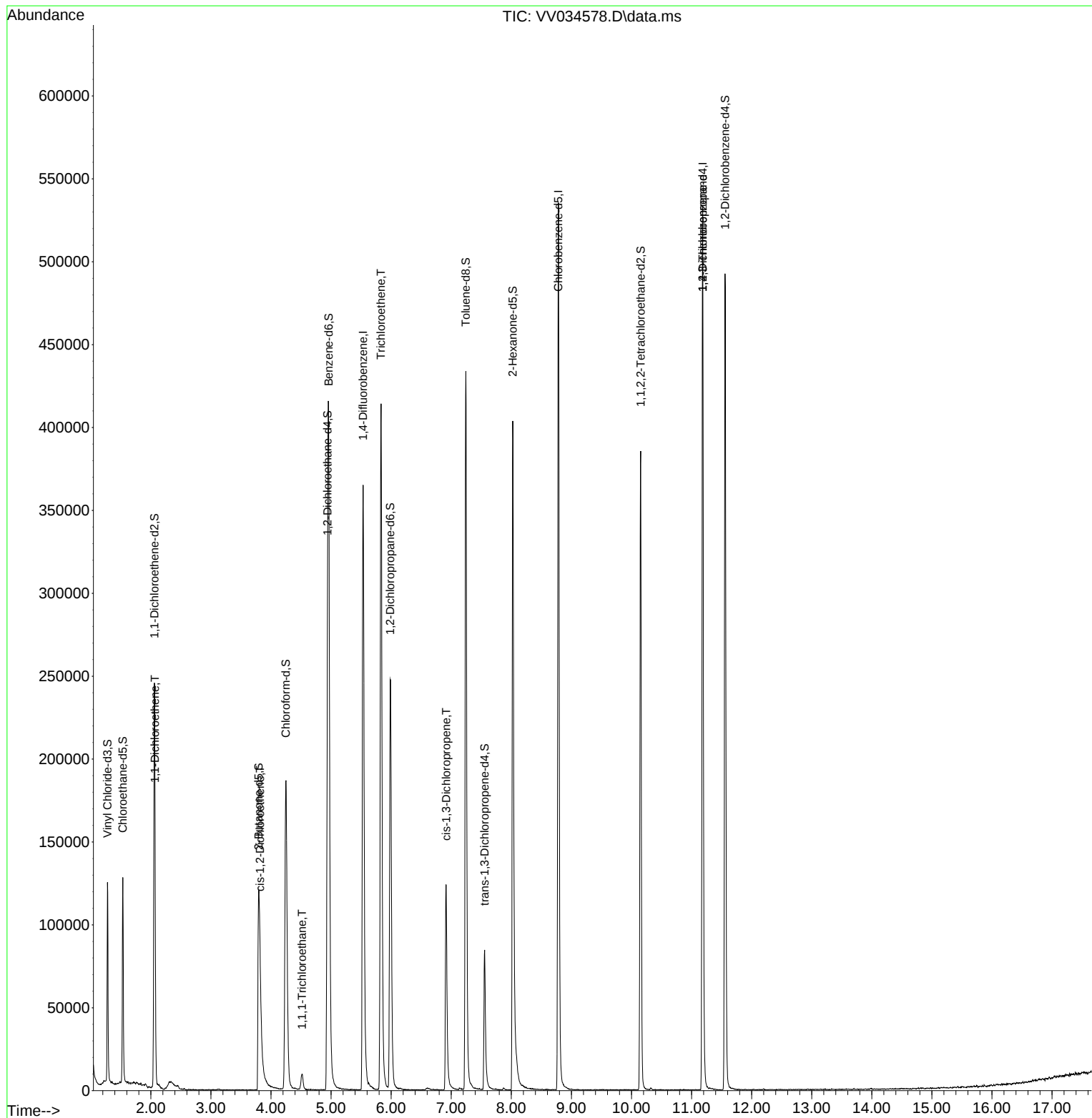
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.532   | 114   | 312285   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.783   | 117   | 287594   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185  | 152   | 134033   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278   | 65    | 76783    | 28.363   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 56.720%# |
| 7) Chloroethane-d5            | 1.532   | 69    | 75962    | 36.017   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 72.040%  |
| 11) 1,1-Dichloroethene-d2     | 2.060   | 65    | 37839    | 30.906   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 61.820%  |
| 21) 2-Butanone-d5             | 3.793   | 46    | 216085   | 119.358  | ug/L   | 0.01     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 119.360% |
| 24) Chloroform-d              | 4.246   | 84    | 202316   | 42.267   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 84.540%  |
| 26) 1,2-Dichloroethane-d4     | 4.941   | 65    | 142719   | 45.627   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 91.260%  |
| 32) Benzene-d6                | 4.960   | 84    | 351439   | 40.490   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 80.980%  |
| 36) 1,2-Dichloropropane-d6    | 5.986   | 67    | 118877   | 44.878   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 89.760%  |
| 41) Toluene-d8                | 7.243   | 98    | 288971   | 36.790   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 73.580%# |
| 43) trans-1,3-Dichloroprop... | 7.555   | 79    | 51936    | 39.044   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 78.080%  |
| 47) 2-Hexanone-d5             | 8.024   | 63    | 140594   | 106.291  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 106.290% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153  | 84    | 176683   | 50.686   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 101.380% |
| 66) 1,2-Dichlorobenzene-d4    | 11.558  | 152   | 123541   | 45.093   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 90.180%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 12) 1,1-Dichloroethene        | 2.069   | 96    | 11171    | 4.777    | ug/L # | 1        |
| 20) cis-1,2-Dichloroethene    | 3.815   | 96    | 12117    | 4.934    | ug/L   | 94       |
| 30) 1,1,1-Trichloroethane     | 4.516   | 97    | 8077     | 1.959    | ug/L # | 81       |
| 34) Trichloroethene           | 5.831   | 95    | 144355   | 56.888   | ug/L   | 98       |
| 39) cis-1,3-Dichloropropene   | 6.915   | 75    | 3926     | 1.037    | ug/L # | 68       |
| 61) 1,2,3-Trichloropropane    | 11.185  | 75    | 16745    | 6.545    | ug/L # | 63       |
| -----                         |         |       |          |          |        |          |

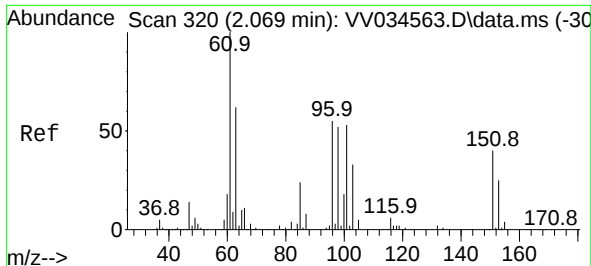
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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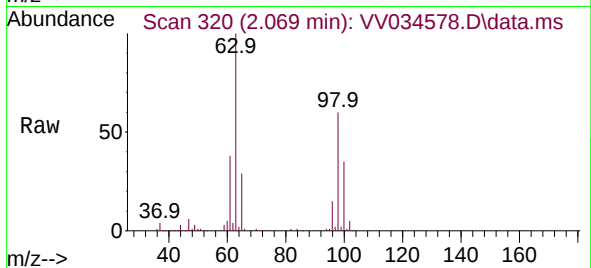
Quant Time: Mar 14 02:25:28 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM022924WMA.M  
Quant Title : VOC Analysis  
QLast Update : Thu Mar 14 02:21:30 2024  
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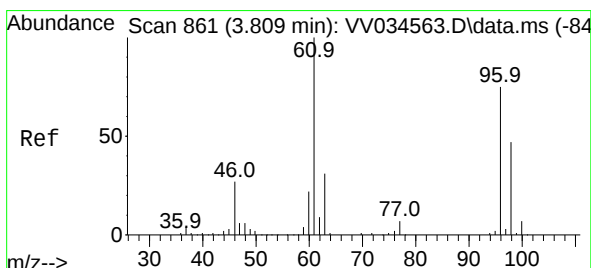
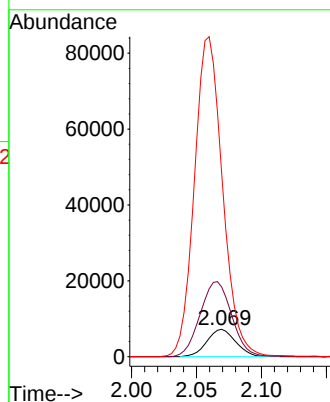
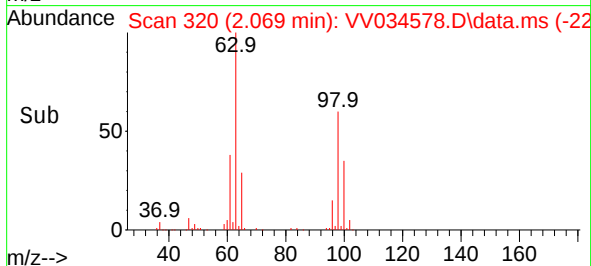


#12  
 1,1-Dichloroethene  
 Concen: 4.777 ug/L  
 RT: 2.069 min Scan# 311  
 Delta R.T. 0.000 min  
 Lab File: VV034578.D  
 Acq: 13 Mar 2024 16:28

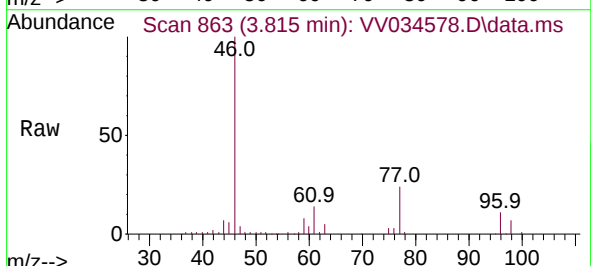
Instrument :  
 MSVOA\_V  
 ClientSampleId :



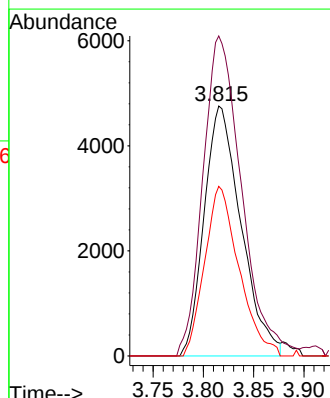
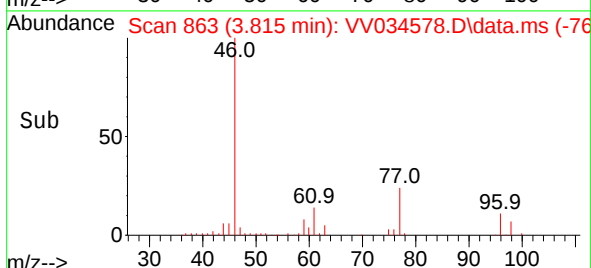
Tgt Ion: 96 Resp: 11171  
 Ion Ratio Lower Upper  
 96 100  
 61 255.6 128.9 239.3#  
 63 673.3 98.0 182.0#

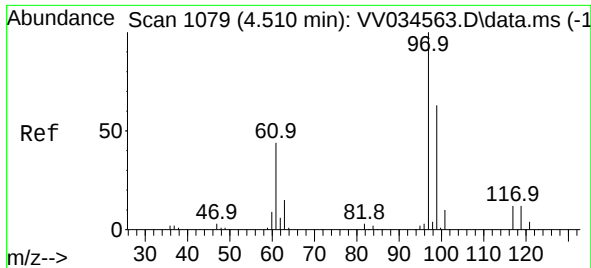


#20  
 cis-1,2-Dichloroethene  
 Concen: 4.934 ug/L  
 RT: 3.815 min Scan# 863  
 Delta R.T. 0.007 min  
 Lab File: VV034578.D  
 Acq: 13 Mar 2024 16:28



Tgt Ion: 96 Resp: 12117  
 Ion Ratio Lower Upper  
 96 100  
 61 128.0 96.0 178.4  
 98 67.9 46.0 85.4

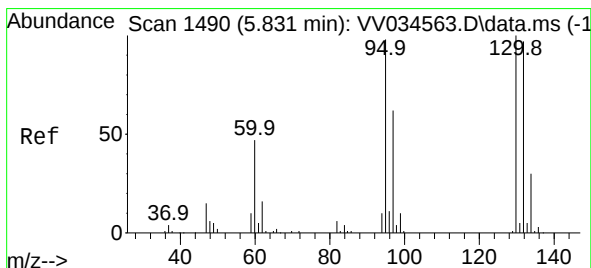
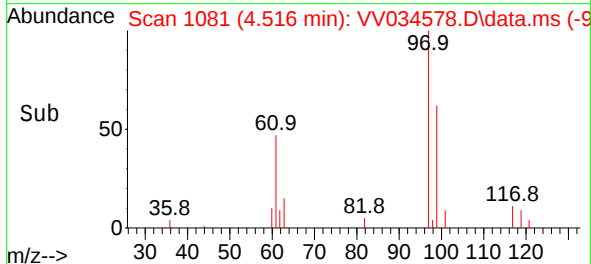
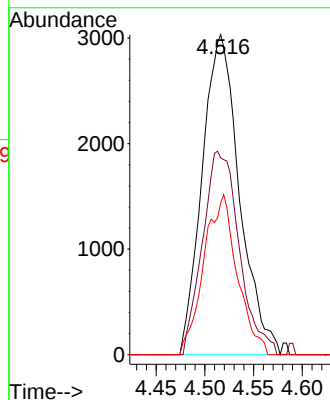
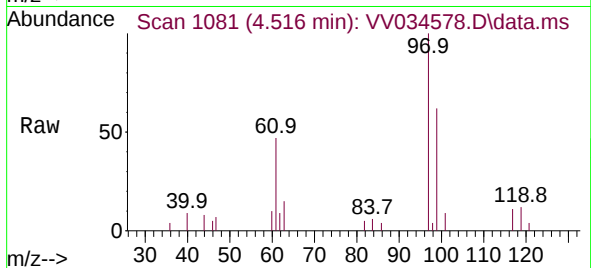




#30  
1,1,1-Trichloroethane  
Concen: 1.959 ug/L  
RT: 4.516 min Scan# 1079  
Delta R.T. 0.007 min  
Lab File: VV034578.D  
Acq: 13 Mar 2024 16:28

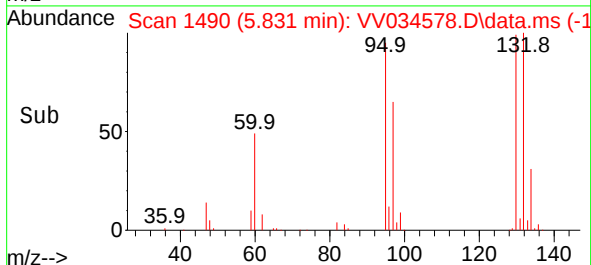
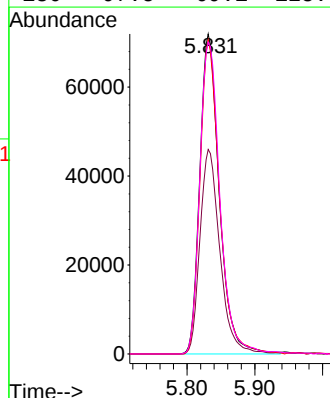
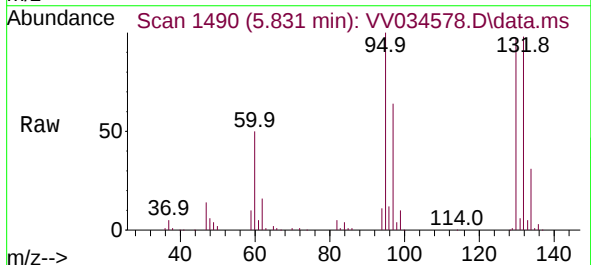
Instrument :  
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ClientSampleId :

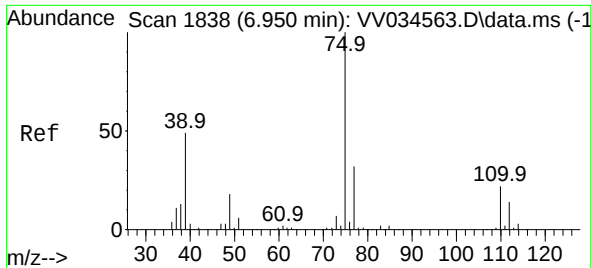
Tgt Ion: 97 Resp: 8077  
Ion Ratio Lower Upper  
97 100  
99 62.5 51.3 76.9  
61 17.5 36.0 54.0#



#34  
Trichloroethene  
Concen: 56.888 ug/L  
RT: 5.831 min Scan# 1490  
Delta R.T. 0.000 min  
Lab File: VV034578.D  
Acq: 13 Mar 2024 16:28

Tgt Ion: 95 Resp: 144355  
Ion Ratio Lower Upper  
95 100  
97 63.9 44.7 83.1  
132 98.1 65.3 121.3  
130 97.5 69.1 128.3





#39

cis-1,3-Dichloropropene

Concen: 1.037 ug/L

RT: 6.915 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV034578.D

Acq: 13 Mar 2024 16:28

Instrument :

MSVOA\_V

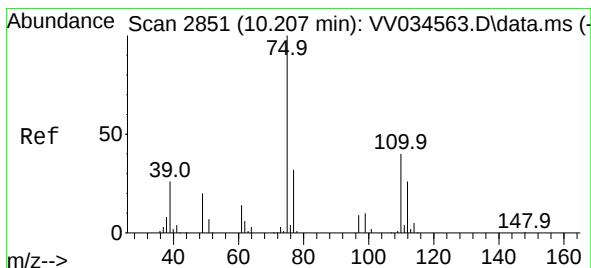
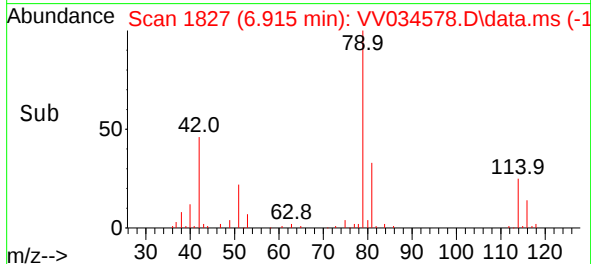
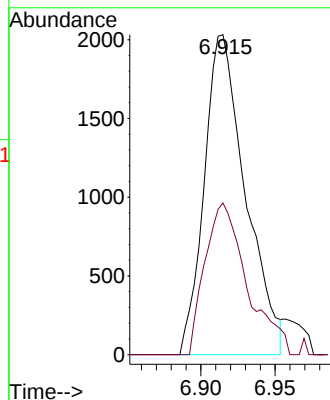
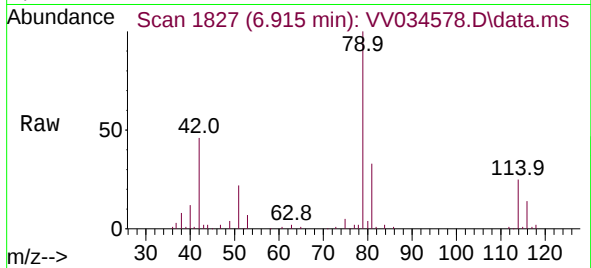
ClientSampleId :

Tgt Ion: 75 Resp: 3926

Ion Ratio Lower Upper

75 100

77 47.4 20.9 38.9#



#61

1,2,3-Trichloropropane

Concen: 6.545 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.978 min

Lab File: VV034578.D

Acq: 13 Mar 2024 16:28

Tgt Ion: 75 Resp: 16745

Ion Ratio Lower Upper

75 100

77 35.6 25.9 38.9

110 3.2 33.1 49.7#

