

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW062923\  
 Data File : VW031625.D  
 Acq On : 29 Jun 2023 16:57  
 Operator : SY/MD  
 Sample : VIBLK  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VIBLK219

Quant Time: Jun 30 04:29:40 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM061423WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jun 30 04:25:13 2023  
 Response via : Initial Calibration

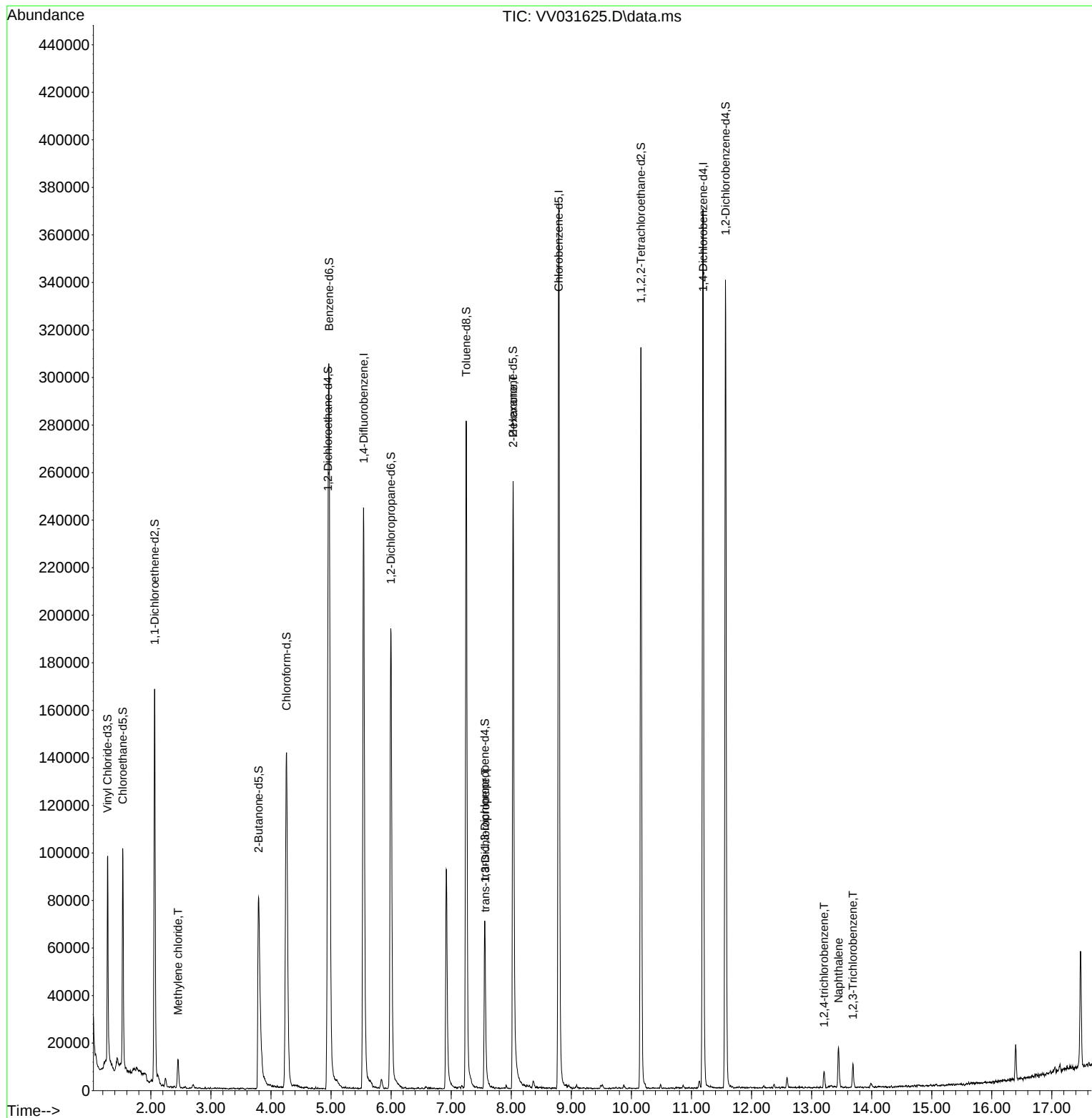
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.542   | 114   | 196035   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.792   | 117   | 195154   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.194  | 152   | 90705    | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278   | 65    | 58642    | 44.948   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 89.900%  |
| 7) Chloroethane-d5            | 1.532   | 69    | 59203    | 52.006   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 104.020% |
| 11) 1,1-Dichloroethene-d2     | 2.063   | 65    | 29488    | 43.854   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 87.700%  |
| 21) 2-Butanone-d5             | 3.793   | 46    | 131997   | 124.946  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 124.950% |
| 24) Chloroform-d              | 4.256   | 84    | 152791   | 46.761   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 93.520%  |
| 26) 1,2-Dichloroethane-d4     | 4.950   | 65    | 106790   | 52.237   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 104.480% |
| 32) Benzene-d6                | 4.966   | 84    | 247973   | 45.142   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 90.280%  |
| 36) 1,2-Dichloropropane-d6    | 5.995   | 67    | 96472    | 49.550   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 99.100%  |
| 41) Toluene-d8                | 7.249   | 98    | 191489   | 37.988   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 75.980%# |
| 43) trans-1,3-Dichloroprop... | 7.561   | 79    | 41547    | 43.774   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 87.540%  |
| 47) 2-Hexanone-d5             | 8.030   | 63    | 87524    | 113.857  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 113.860% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.159  | 84    | 152450   | 51.876   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 103.760% |
| 66) 1,2-Dichlorobenzene-d4    | 11.567  | 152   | 83069    | 48.045   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 96.080%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 16) Methylene chloride        | 2.452   | 84    | 4694     | 2.581    | ug/L   | 91       |
| 44) trans-1,3-Dichloropropene | 7.567   | 75    | 2469     | 0.895    | ug/L   | 90       |
| 48) 2-Hexanone                | 8.034   | 43    | 11391    | 6.366    | ug/L # | 63       |
| 70) 1,2,4-trichlorobenzene    | 13.207  | 180   | 2332     | 1.204    | ug/L # | 84       |
| 71) Naphthalene               | 13.448  | 128   | 13335    | 2.719    | ug/L   | 98       |
| 72) 1,2,3-Trichlorobenzene    | 13.689  | 180   | 2723     | 1.353    | ug/L # | 84       |
| -----                         |         |       |          |          |        |          |

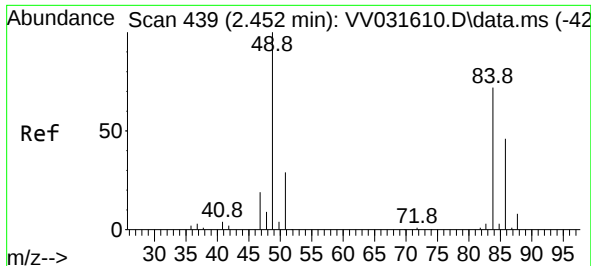
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 30 04:25:13 2023  
Response via : Initial Calibration

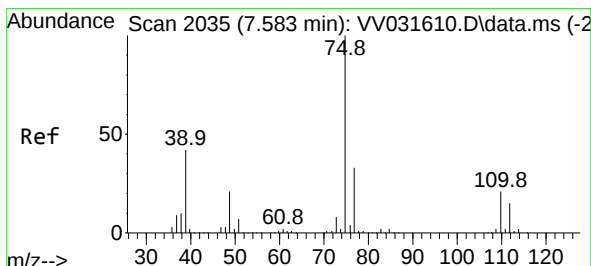
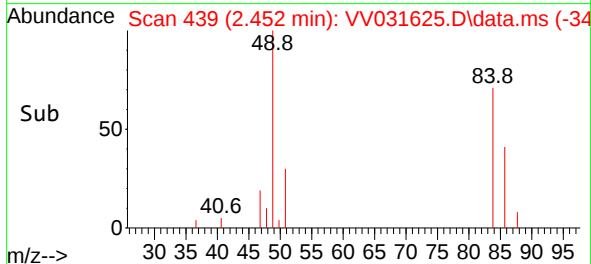
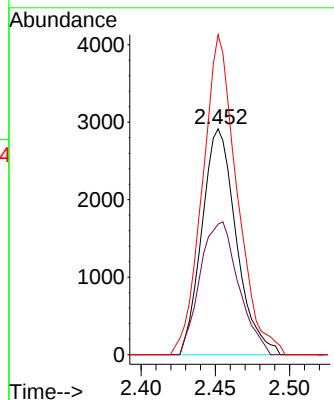
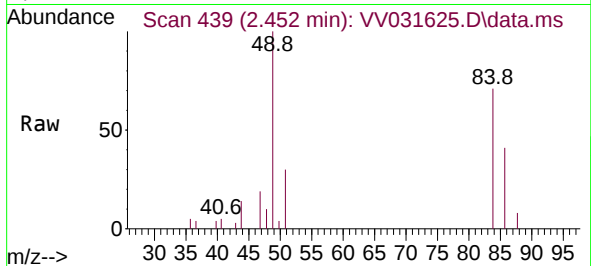




#16  
Methylene chloride  
Concen: 2.581 ug/L  
RT: 2.452 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VV031625.D  
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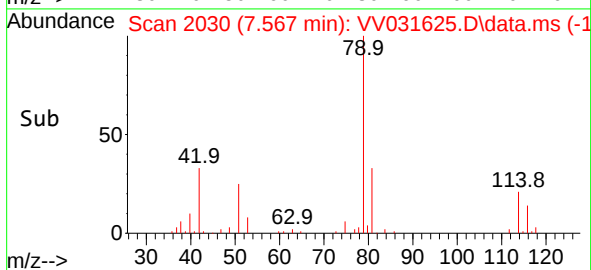
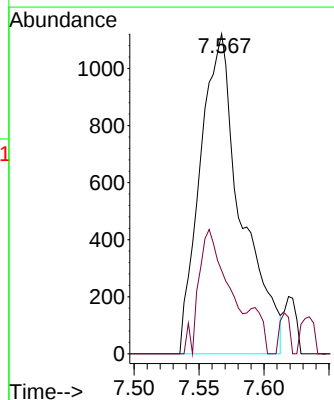
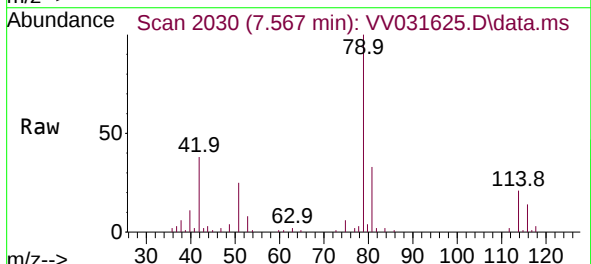
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ClientSampleId :  
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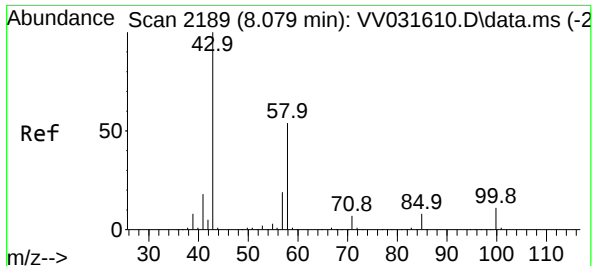
Tgt Ion: 84 Resp: 4694  
Ion Ratio Lower Upper  
84 100  
86 57.9 45.8 85.0  
49 141.7 92.1 171.1



#44  
trans-1,3-Dichloropropene  
Concen: 0.895 ug/L  
RT: 7.567 min Scan# 2030  
Delta R.T. -0.016 min  
Lab File: VV031625.D  
Acq: 29 Jun 2023 16:57

Tgt Ion: 75 Resp: 2469  
Ion Ratio Lower Upper  
75 100  
77 26.0 22.1 41.1

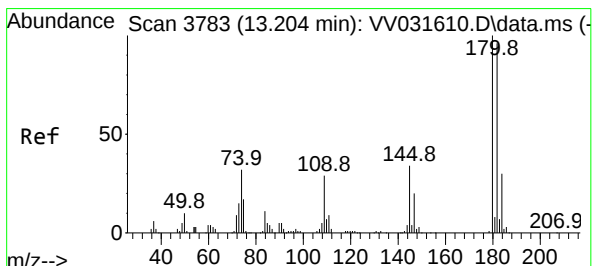
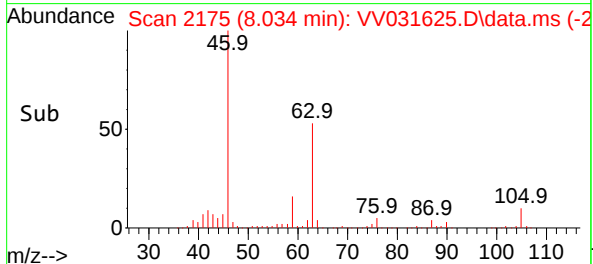
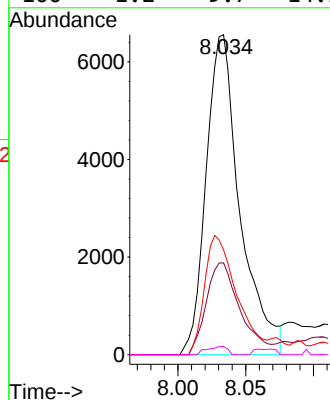
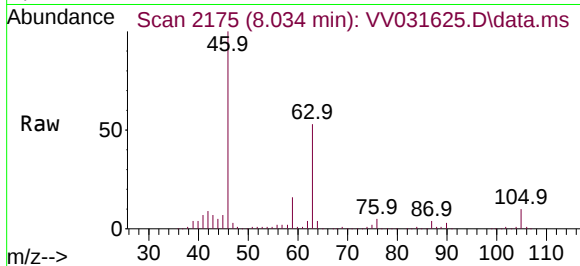




#48  
2-Hexanone  
Concen: 6.366 ug/L  
RT: 8.034 min Scan# 2189  
Delta R.T. -0.045 min  
Lab File: VV031625.D  
Acq: 29 Jun 2023 16:57

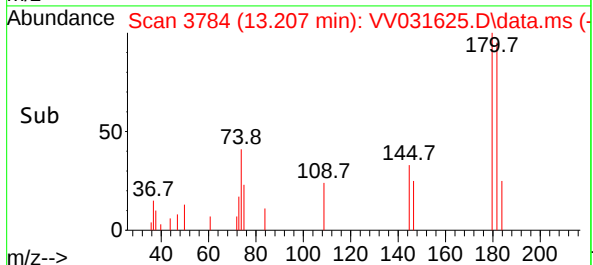
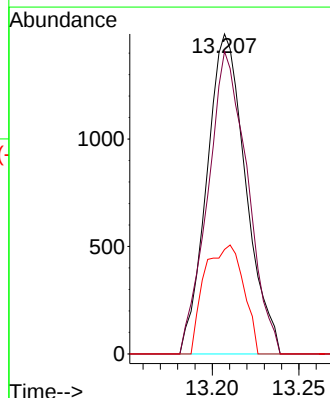
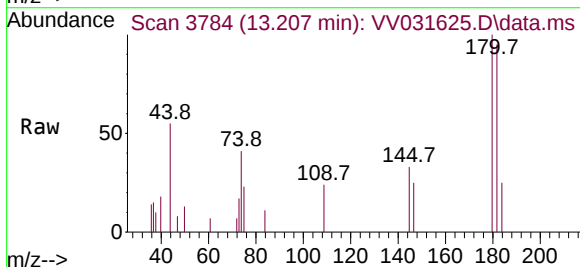
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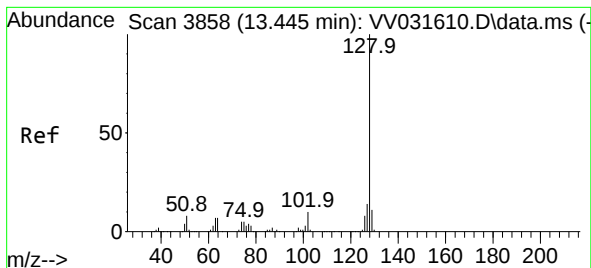
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 11391 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 28.8  | 46.7  | 70.1# |
| 57       | 35.6  | 15.5  | 23.3# |
| 100      | 1.2   | 9.7   | 14.5# |



#70  
1,2,4-trichlorobenzene  
Concen: 1.204 ug/L  
RT: 13.207 min Scan# 3784  
Delta R.T. 0.003 min  
Lab File: VV031625.D  
Acq: 29 Jun 2023 16:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 2332  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 95.8  | 77.7  | 116.5 |
| 145      | 0.0   | 26.1  | 39.1# |





#71

Naphthalene

Concen: 2.719 ug/L

RT: 13.448 min Scan# 3858

Delta R.T. 0.003 min

Lab File: VV031625.D

Acq: 29 Jun 2023 16:57

Instrument :

MSVOA\_V

ClientSampleId :

VIBLK219

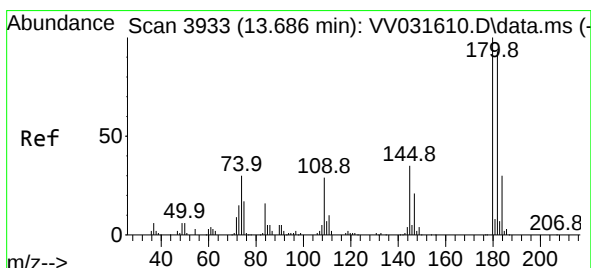
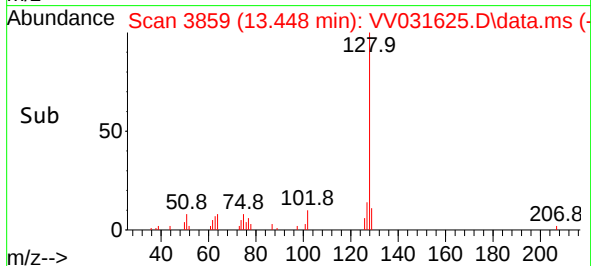
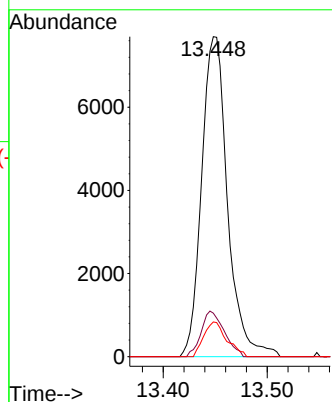
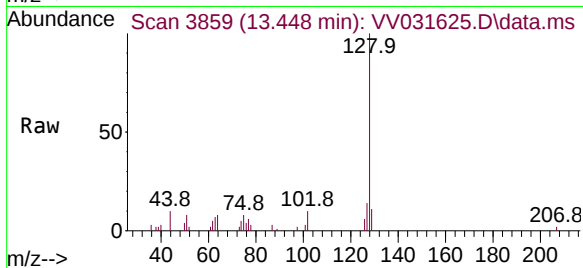
Tgt Ion:128 Resp: 13335

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

129 9.6 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 1.353 ug/L

RT: 13.689 min Scan# 3934

Delta R.T. 0.003 min

Lab File: VV031625.D

Acq: 29 Jun 2023 16:57

Tgt Ion:180 Resp: 2723

Ion Ratio Lower Upper

180 100

182 112.0 74.0 111.0#

145 33.7 26.2 39.2

