

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW042523\  
 Data File : VW030853.D  
 Acq On : 25 Apr 2023 22:19  
 Operator : SY/MD  
 Sample : 02474-01  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AS3

Quant Time: Apr 26 02:57:49 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM041723WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Apr 22 00:43:23 2023  
 Response via : Initial Calibration

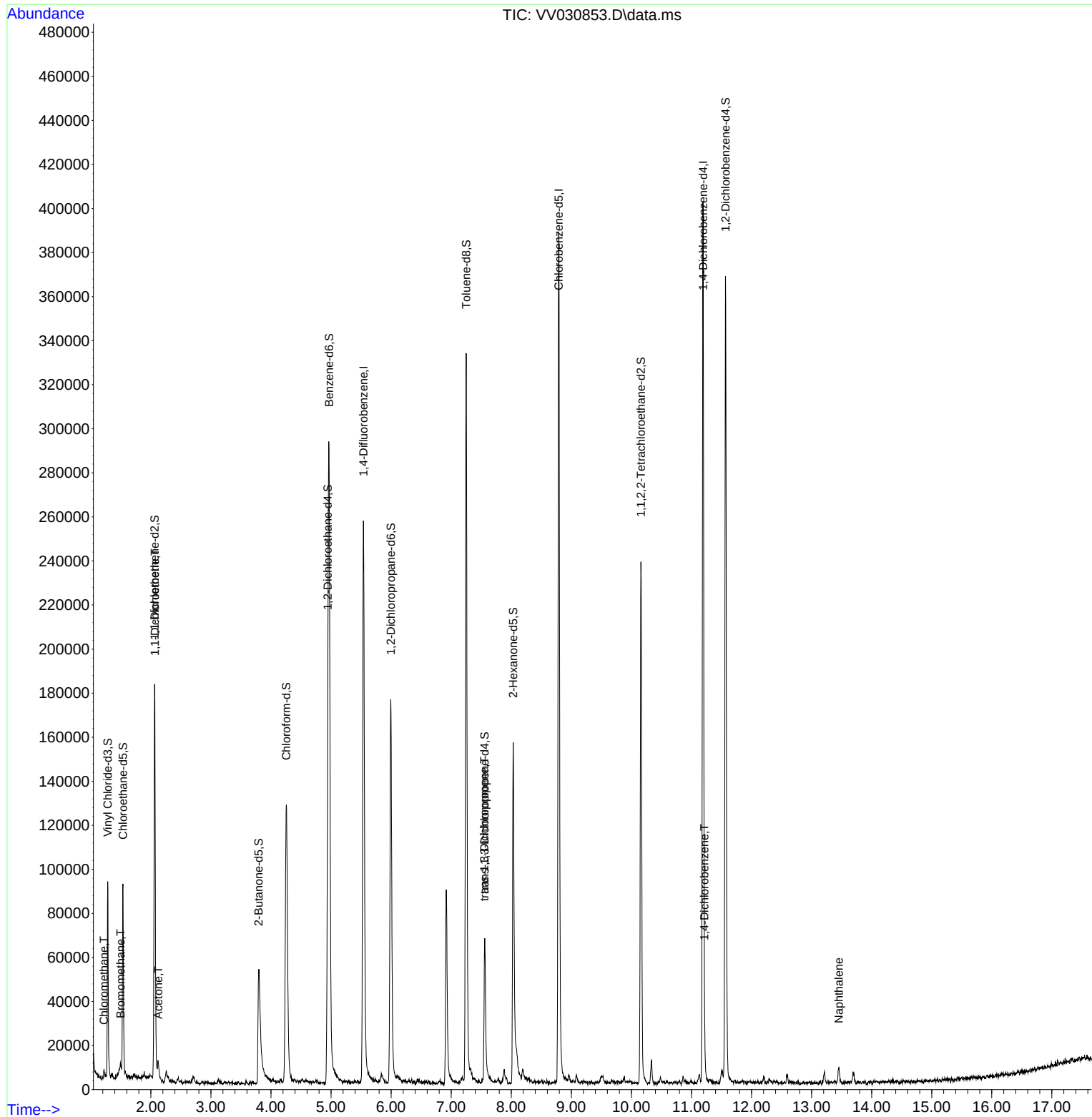
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.539   | 114   | 212178   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.793   | 117   | 207009   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.194  | 152   | 105914   | 50.000   | ug/L   | 0.00     |
|                               |         |       |          |          |        |          |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.282   | 65    | 57490    | 36.961   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 73.920%  |
| 7) Chloroethane-d5            | 1.536   | 69    | 52242    | 40.080   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 80.160%  |
| 11) 1,1-Dichloroethene-d2     | 2.063   | 65    | 30104    | 40.812   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 81.620%  |
| 21) 2-Butanone-d5             | 3.796   | 46    | 84476    | 98.879   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 98.880%  |
| 24) Chloroform-d              | 4.256   | 84    | 132520   | 47.013   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 94.020%  |
| 26) 1,2-Dichloroethane-d4     | 4.947   | 65    | 95068    | 52.458   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 104.920% |
| 32) Benzene-d6                | 4.966   | 84    | 239375   | 48.909   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 97.820%  |
| 36) 1,2-Dichloropropane-d6    | 5.995   | 67    | 74468    | 48.983   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 97.960%  |
| 41) Toluene-d8                | 7.249   | 98    | 214801   | 46.744   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 93.480%  |
| 43) trans-1,3-Dichloroprop... | 7.558   | 79    | 35692    | 46.580   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 93.160%  |
| 47) 2-Hexanone-d5             | 8.034   | 63    | 50764    | 84.762   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 84.760%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.159  | 84    | 102822   | 46.610   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 93.220%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.567  | 152   | 90924    | 54.010   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 108.020% |
|                               |         |       |          |          |        |          |
| Target Compounds              |         |       |          |          |        | Qvalue   |
| 3) Chloromethane              | 1.220   | 50    | 3156     | 1.319    | ug/L # | 79       |
| 6) Bromomethane               | 1.494   | 94    | 1062     | 1.388    | ug/L   | 93       |
| 12) 1,1-Dichloroethene        | 2.066   | 96    | 1325     | 0.892    | ug/L # | 1        |
| 13) Acetone                   | 2.124   | 43    | 8118     | 6.141    | ug/L   | 93       |
| 44) trans-1,3-Dichloropropene | 7.555   | 75    | 2588     | 1.037    | ug/L   | 92       |
| 65) 1,4-Dichlorobenzene       | 11.217  | 146   | 2330     | 0.668    | ug/L   | 86       |
| 71) Naphthalene               | 13.455  | 128   | 5319     | 0.917    | ug/L   | 97       |
| -----                         |         |       |          |          |        |          |

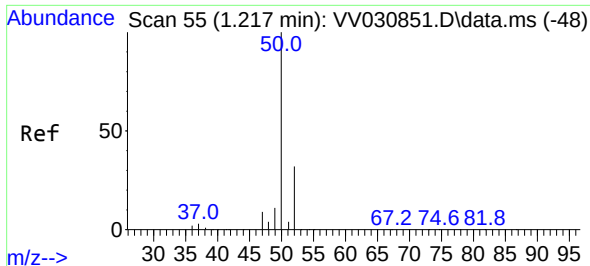
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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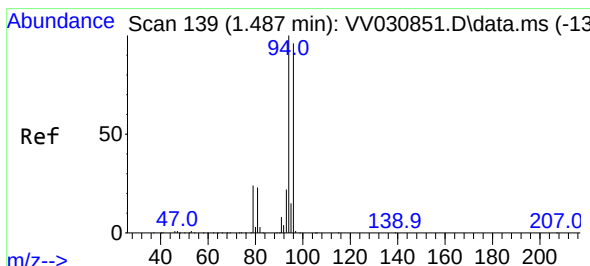
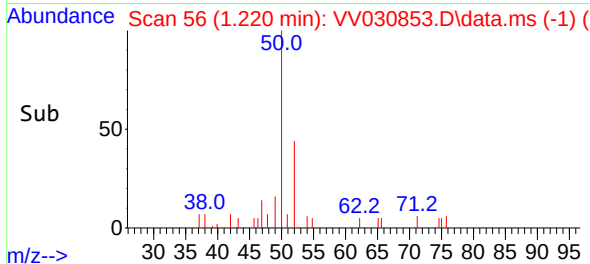
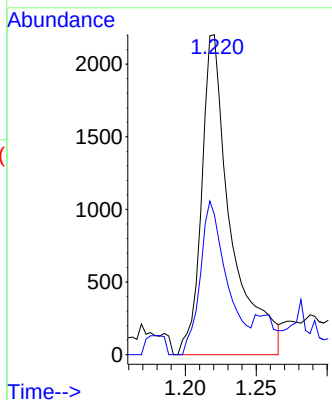
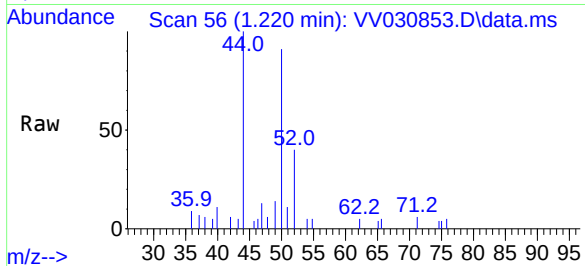




#3  
Chloromethane  
Concen: 1.319 ug/L  
RT: 1.220 min Scan# 50  
Delta R.T. 0.003 min  
Lab File: VV030853.D  
Acq: 25 Apr 2023 22:19

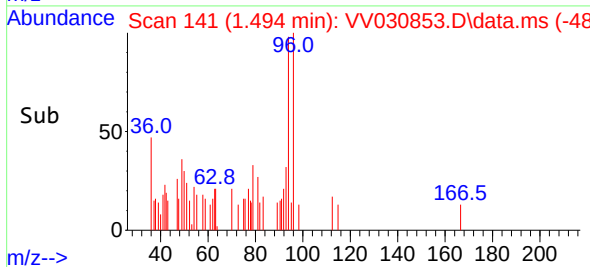
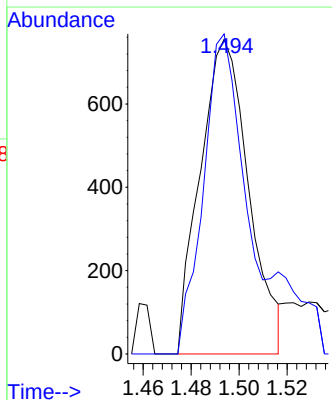
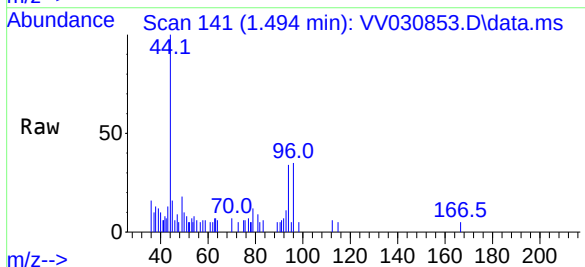
Instrument :  
MSVOA\_V  
ClientSampleId :  
C0AS3

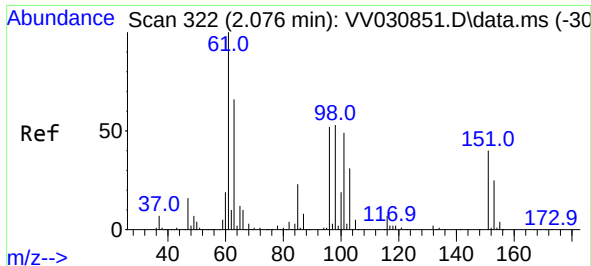
Tgt Ion: 50 Resp: 3156  
Ion Ratio Lower Upper  
50 100  
52 43.8 22.5 41.9#



#6  
Bromomethane  
Concen: 1.388 ug/L  
RT: 1.494 min Scan# 141  
Delta R.T. -0.000 min  
Lab File: VV030853.D  
Acq: 25 Apr 2023 22:19

Tgt Ion: 94 Resp: 1062  
Ion Ratio Lower Upper  
94 100  
96 101.7 66.3 123.1





#12

1,1-Dichloroethene

Concen: 0.892 ug/L

RT: 2.066 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV030853.D

Acq: 25 Apr 2023 22:19

Instrument :

MSVOA\_V

ClientSampleId :

C0AS3

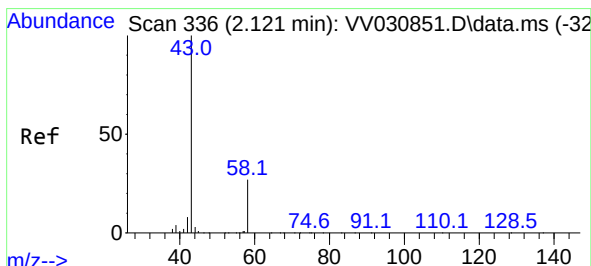
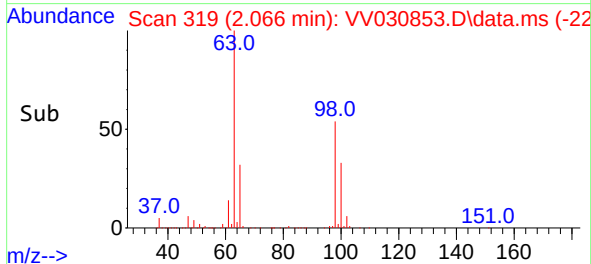
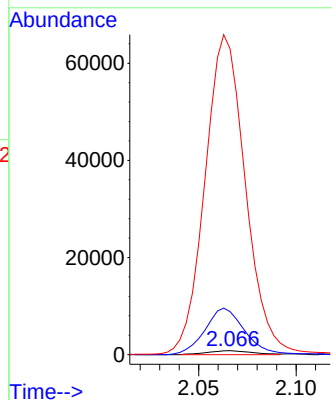
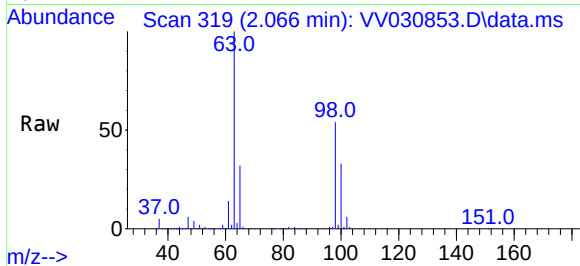
Tgt Ion: 96 Resp: 1325

Ion Ratio Lower Upper

96 100

61 1086.1 131.9 245.0#

63 7725.2 99.8 185.3#



#13

Acetone

Concen: 6.141 ug/L

RT: 2.124 min Scan# 337

Delta R.T. -0.007 min

Lab File: VV030853.D

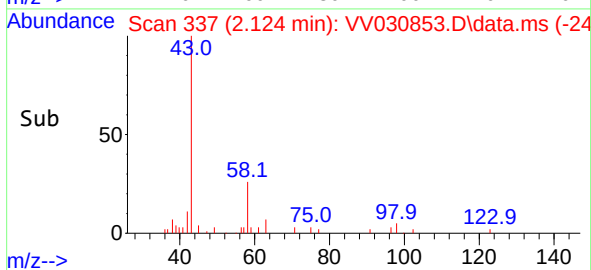
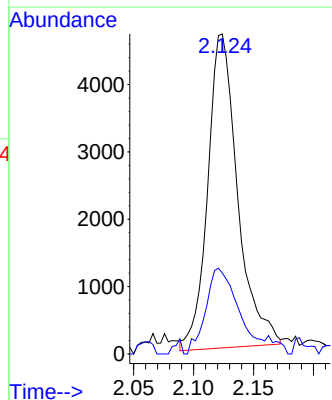
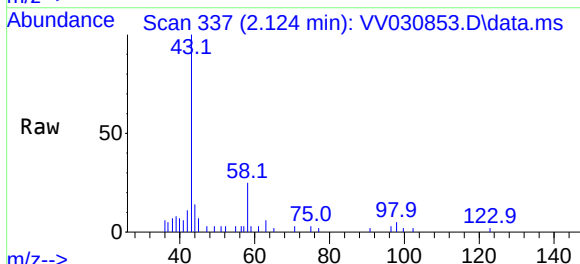
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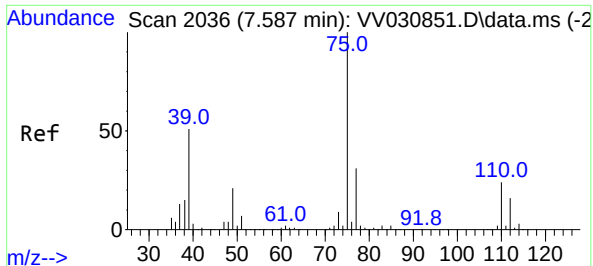
Tgt Ion: 43 Resp: 8118

Ion Ratio Lower Upper

43 100

58 29.7 0.0 52.8

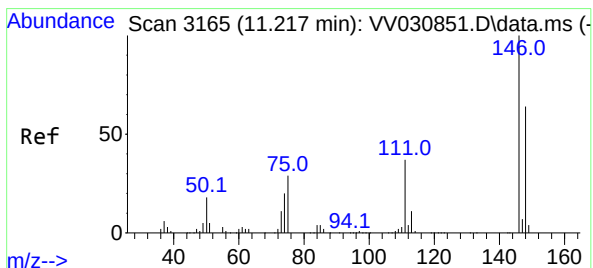
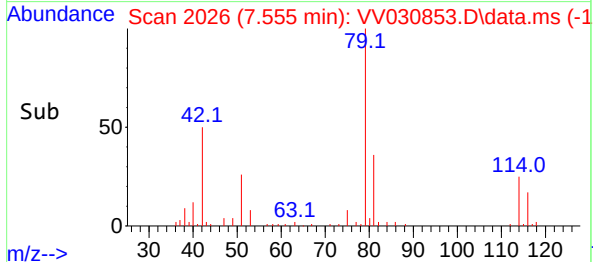
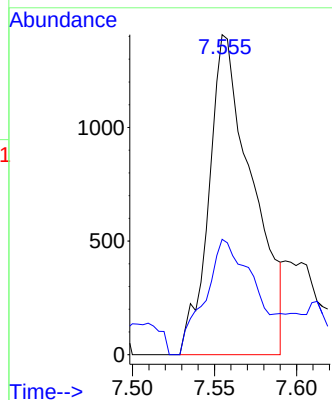
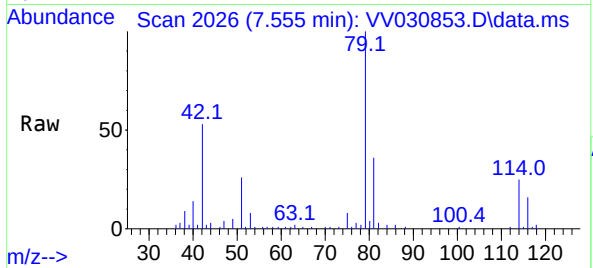




#44  
trans-1,3-Dichloropropene  
Concen: 1.037 ug/L  
RT: 7.555 min Scan# 2036  
Delta R.T. -0.032 min  
Lab File: VV030853.D  
Acq: 25 Apr 2023 22:19

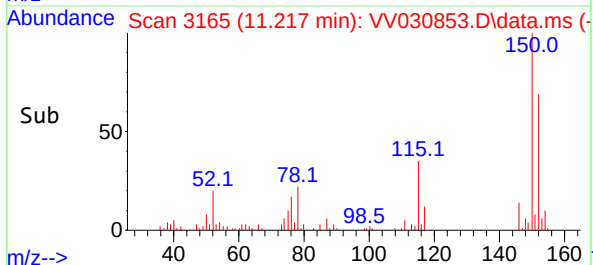
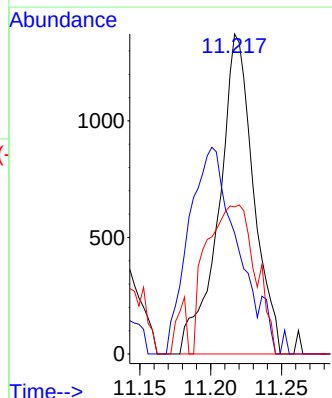
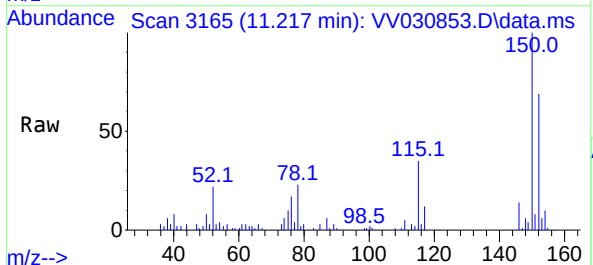
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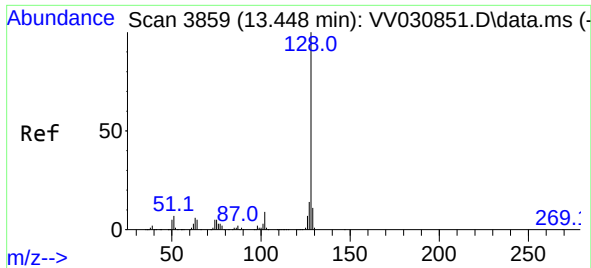
Tgt Ion: 75 Resp: 2588  
Ion Ratio Lower Upper  
75 100  
77 36.1 22.1 41.1



#65  
1,4-Dichlorobenzene  
Concen: 0.668 ug/L  
RT: 11.217 min Scan# 3165  
Delta R.T. -0.000 min  
Lab File: VV030853.D  
Acq: 25 Apr 2023 22:19

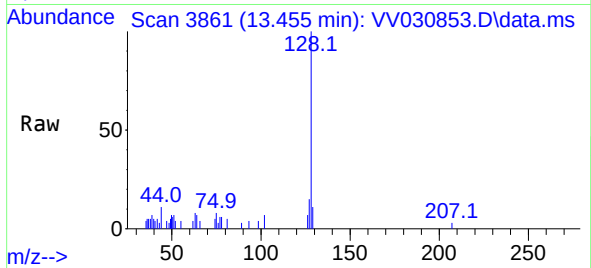
Tgt Ion:146 Resp: 2330  
Ion Ratio Lower Upper  
146 100  
111 37.8 26.5 49.1  
148 46.0 44.7 83.1





#71  
Naphthalene  
Concen: 0.917 ug/L  
RT: 13.455 min Scan# 3861  
Delta R.T. 0.006 min  
Lab File: VV030853.D  
Acq: 25 Apr 2023 22:19

Instrument :  
MSVOA\_V  
ClientSampleId :  
C0AS3



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 5319  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 14.1  | 10.7  | 16.1  |
| 129      | 8.8   | 8.6   | 13.0  |

