

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV051623\  
 Data File : VV031048.D  
 Acq On : 16 May 2023 13:18  
 Operator : SY/MD  
 Sample : 02767-02  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C11F0

Quant Time: May 17 01:43:18 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR042823WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed May 17 01:41:23 2023  
 Response via : Initial Calibration

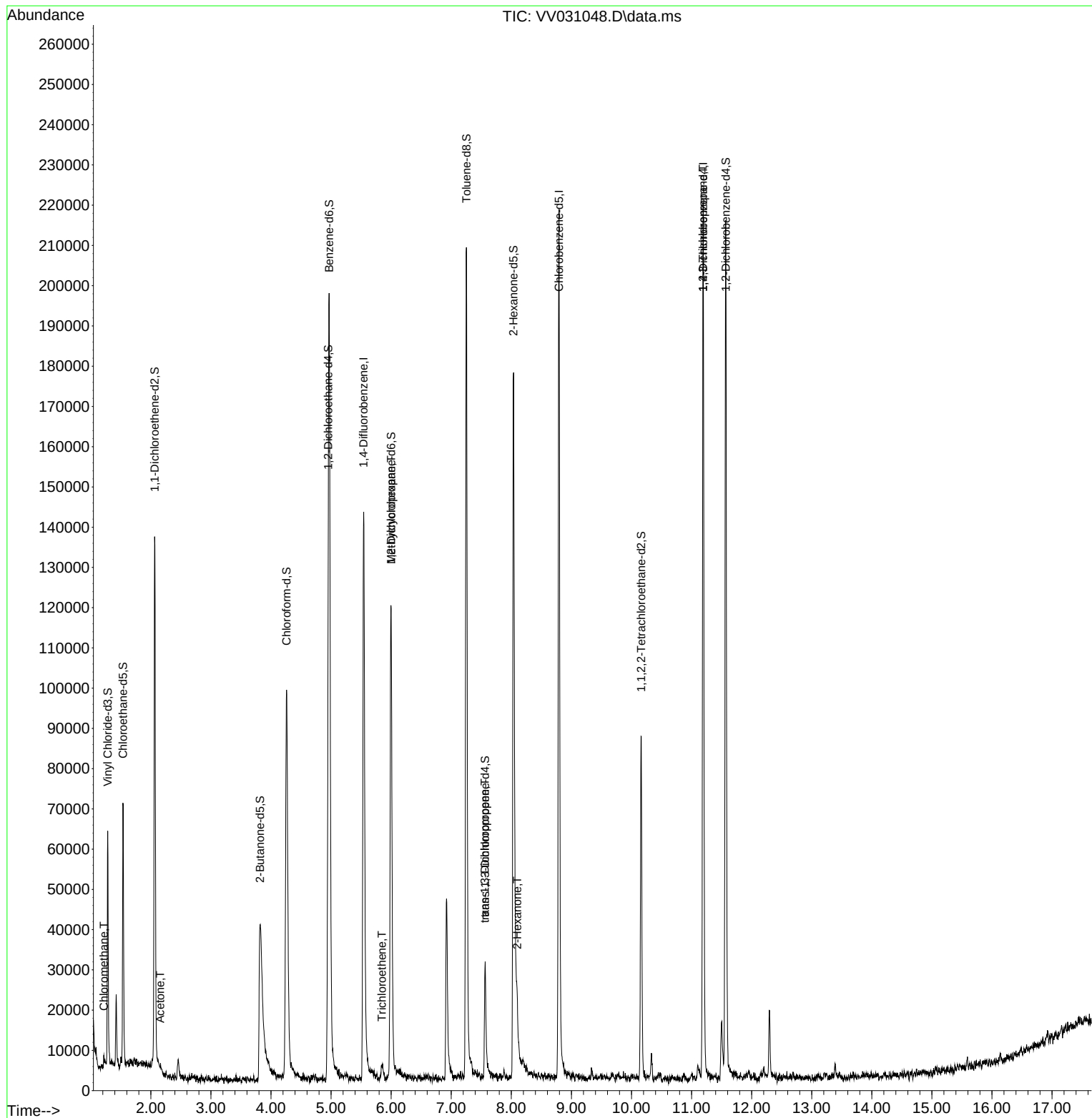
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.542  | 114   | 123382   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.792  | 117   | 122917   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.194 | 152   | 60333    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.282  | 65    | 38832    | 3.820    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 76.400%  |
| 7) Chloroethane-d5            | 1.536  | 69    | 39856    | 4.806    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 96.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.063  | 65    | 22141    | 4.116    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 82.400%  |
| 20) 2-Butanone-d5             | 3.815  | 46    | 89686    | 49.753   | ug/L   | -0.01    |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 99.500%  |
| 24) Chloroform-d              | 4.259  | 84    | 99302    | 4.915    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 98.400%  |
| 26) 1,2-Dichloroethane-d4     | 4.953  | 65    | 53611    | 5.220    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 104.400% |
| 32) Benzene-d6                | 4.970  | 84    | 167907   | 4.660    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 93.200%  |
| 36) 1,2-Dichloropropane-d6    | 5.998  | 67    | 50614    | 4.831    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 96.600%  |
| 41) Toluene-d8                | 7.252  | 98    | 141916   | 4.136    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 82.800%  |
| 43) trans-1,3-Dichloroprop... | 7.564  | 79    | 16498    | 4.201    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 84.000%  |
| 46) 2-Hexanone-d5             | 8.034  | 63    | 62346    | 45.312   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 90.620%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.159 | 84    | 36883    | 4.857    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 97.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.571 | 152   | 57626    | 5.124    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 102.400% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 3) Chloromethane              | 1.217  | 50    | 1652     | 0.144    | ug/L   | 91       |
| 13) Acetone                   | 2.156  | 43    | 4209     | 2.733    | ug/L   | 66       |
| 34) Trichloroethene           | 5.844  | 95    | 967      | 0.117    | ug/L   | 90       |
| 35) Methylcyclohexane         | 5.998  | 83    | 13951    | 1.092    | ug/L # | 19       |
| 44) trans-1,3-Dichloropropene | 7.561  | 75    | 1039     | 0.111    | ug/L   | 95       |
| 48) 2-Hexanone                | 8.098  | 43    | 8603     | 2.952    | ug/L # | 93       |
| 61) 1,2,3-Trichloropropane    | 11.191 | 75    | 6858     | 1.809    | ug/L # | 64       |
| -----                         |        |       |          |          |        |          |

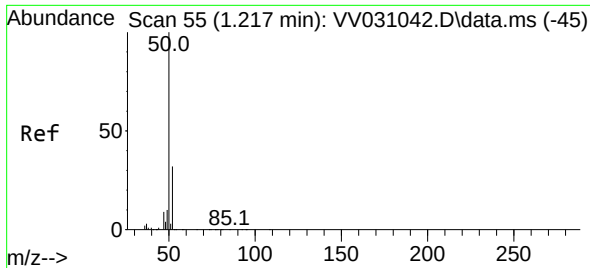
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 17 01:41:23 2023  
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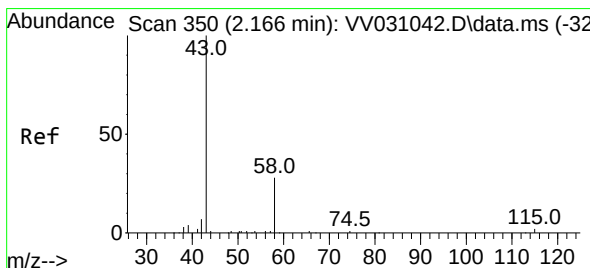
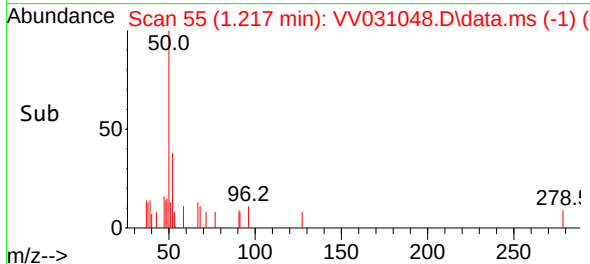
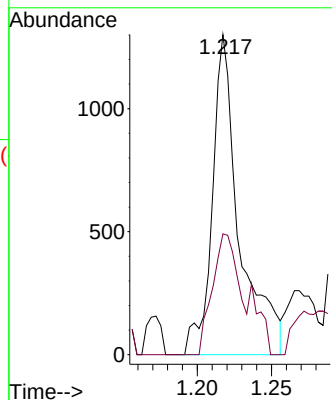
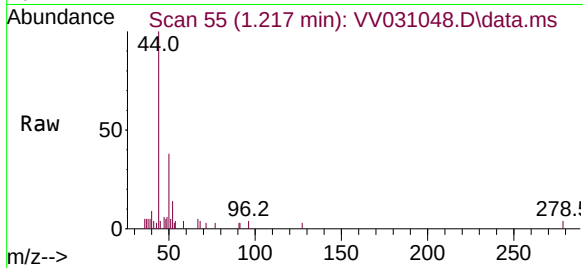




#3  
Chloromethane  
Concen: 0.144 ug/L  
RT: 1.217 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VV031048.D  
Acq: 16 May 2023 13:18

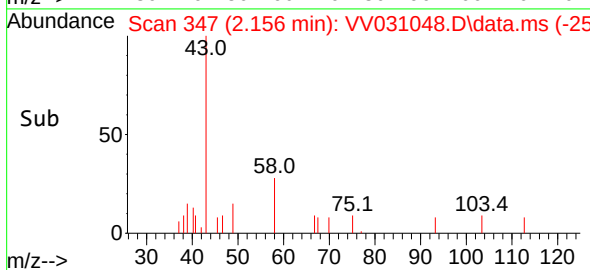
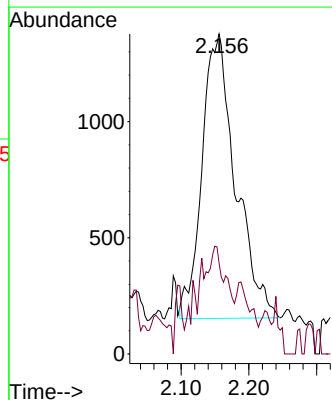
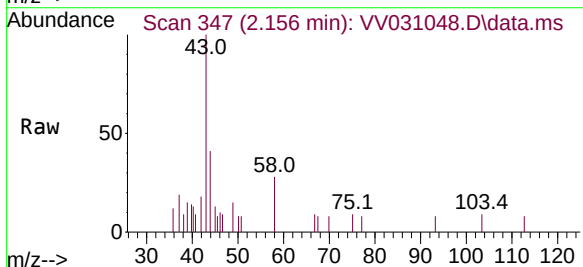
Instrument :  
MSVOA\_V  
ClientSampleId :  
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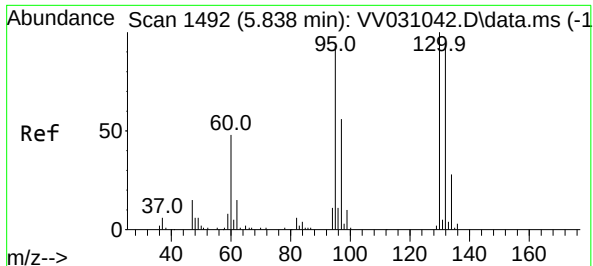
Tgt Ion: 50 Resp: 1652  
Ion Ratio Lower Upper  
50 100  
52 37.7 22.8 42.4



#13  
Acetone  
Concen: 2.733 ug/L  
RT: 2.156 min Scan# 347  
Delta R.T. -0.010 min  
Lab File: VV031048.D  
Acq: 16 May 2023 13:18

Tgt Ion: 43 Resp: 4209  
Ion Ratio Lower Upper  
43 100  
58 3.3 0.0 37.0

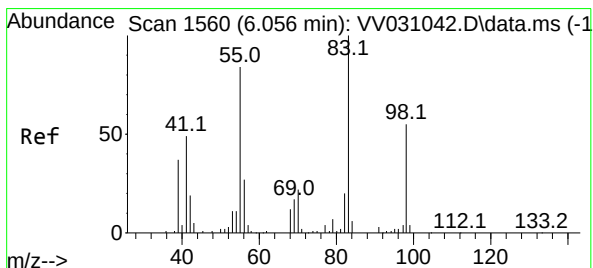
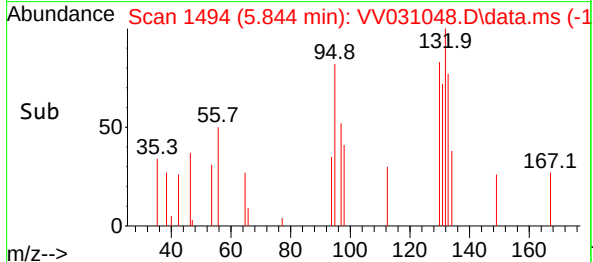
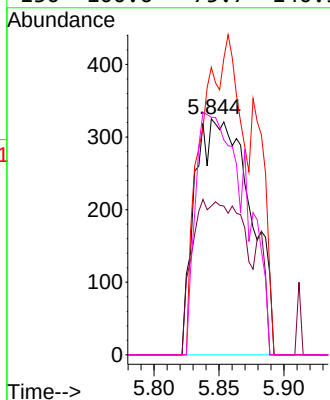
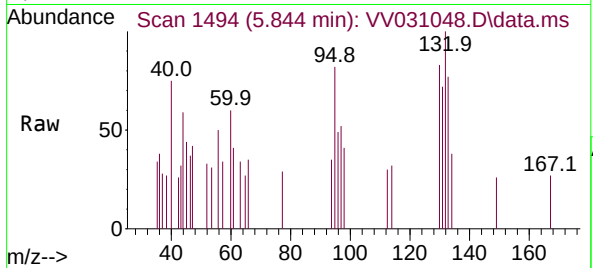




#34  
Trichloroethene  
Concen: 0.117 ug/L  
RT: 5.844 min Scan# 1492  
Delta R.T. 0.006 min  
Lab File: VV031048.D  
Acq: 16 May 2023 13:18

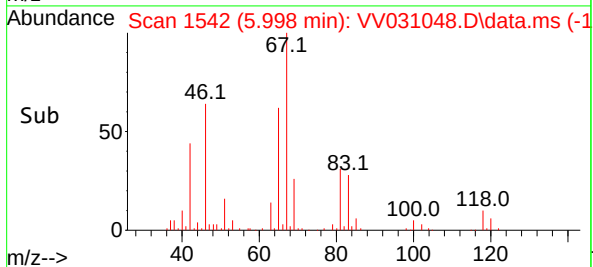
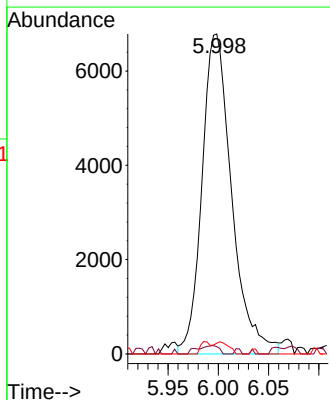
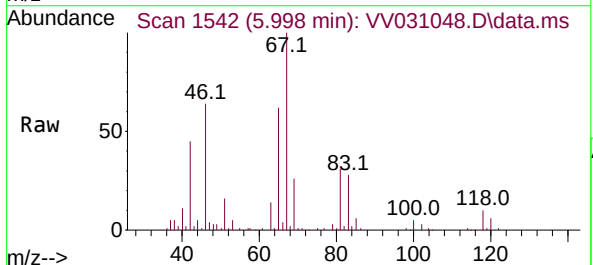
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ClientSampleId :  
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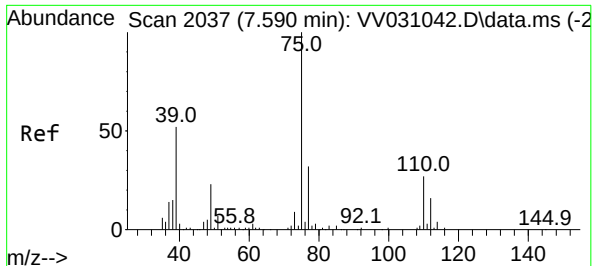
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 95    | Resp: | 967   |
| Ion      | Ratio | Lower | Upper |
| 95       | 100   |       |       |
| 97       | 63.1  | 46.2  | 85.8  |
| 132      | 121.8 | 72.7  | 135.1 |
| 130      | 100.6 | 75.7  | 140.5 |



#35  
Methylcyclohexane  
Concen: 1.092 ug/L  
RT: 5.998 min Scan# 1542  
Delta R.T. -0.058 min  
Lab File: VV031048.D  
Acq: 16 May 2023 13:18

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 13951 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 1.9   | 62.9  | 94.3# |
| 98       | 1.6   | 40.5  | 60.7# |

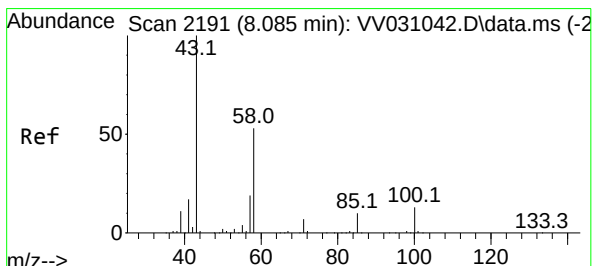
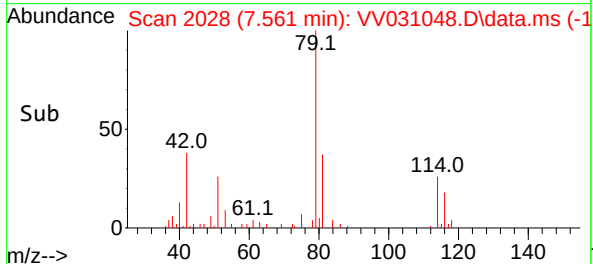
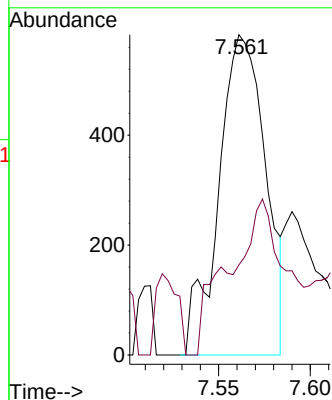
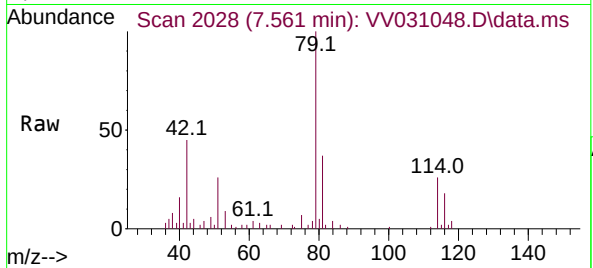




#44  
trans-1,3-Dichloropropene  
Concen: 0.111 ug/L  
RT: 7.561 min Scan# 2037  
Delta R.T. -0.029 min  
Lab File: VV031048.D  
Acq: 16 May 2023 13:18

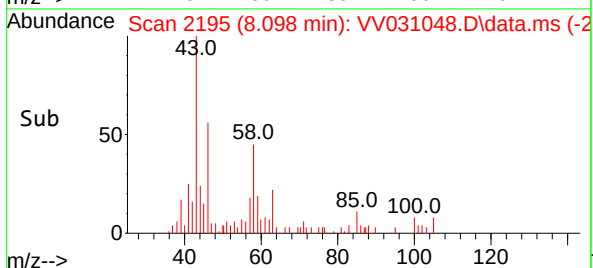
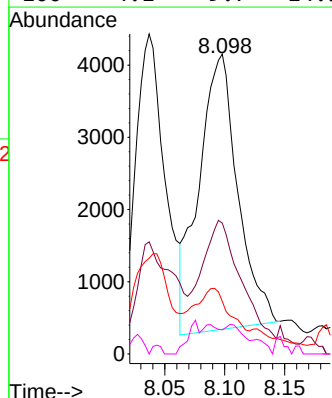
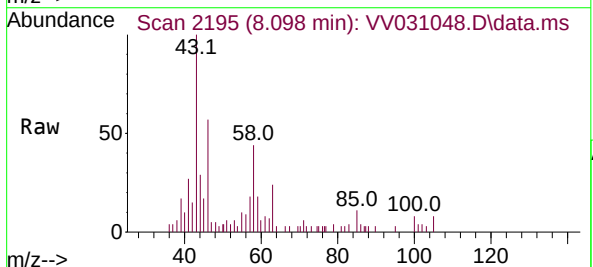
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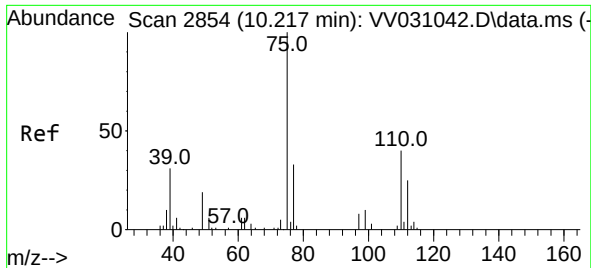
Tgt Ion: 75 Resp: 1039  
Ion Ratio Lower Upper  
75 100  
77 28.1 21.6 40.0



#48  
2-Hexanone  
Concen: 2.952 ug/L  
RT: 8.098 min Scan# 2195  
Delta R.T. 0.013 min  
Lab File: VV031048.D  
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Tgt Ion: 43 Resp: 8603  
Ion Ratio Lower Upper  
43 100  
58 52.7 39.9 59.9  
57 14.8 14.1 21.1  
100 4.1 9.7 14.5#





#61  
 1,2,3-Trichloropropane  
 Concen: 1.809 ug/L  
 RT: 11.191 min Scan# 31  
 Delta R.T. 0.974 min  
 Lab File: VV031048.D  
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Tgt Ion: 75 Resp: 6858  
 Ion Ratio Lower Upper  
 75 100  
 77 29.6 25.3 37.9  
 110 4.8 34.0 51.0#

