

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV101821\  
 Data File : VV022870.D  
 Acq On : 18 Oct 2021 16:40  
 Operator : SY/MD  
 Sample : M4246-03  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 YAT27

Quant Time: Oct 19 01:45:10 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR100721WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Oct 19 01:43:03 2021  
 Response via : Initial Calibration

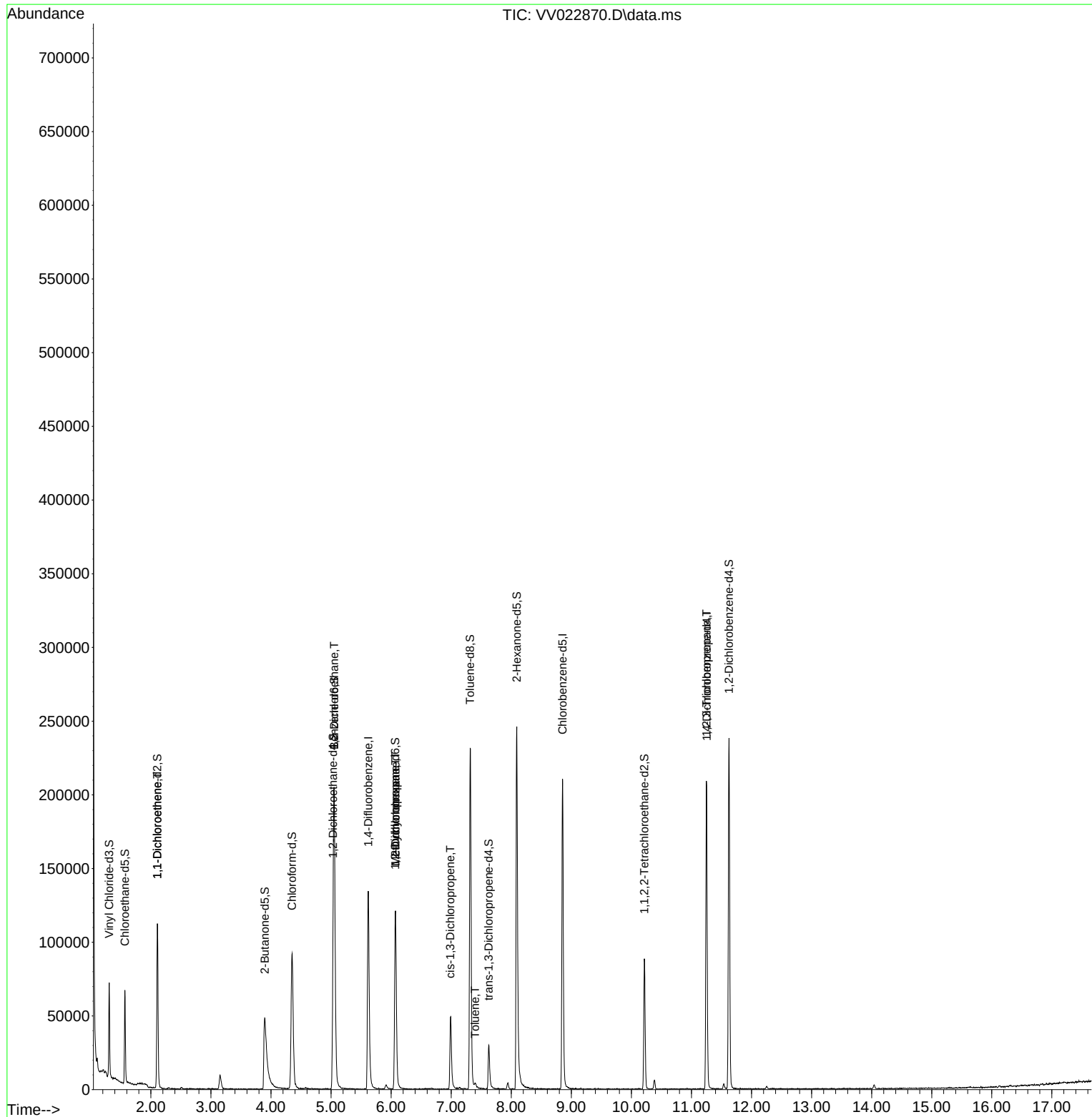
| Compound                      | R.T.   | QIon           | Response | Conc   | Units     | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|-----------|----------|
| -----                         |        |                |          |        |           |          |
| Internal Standards            |        |                |          |        |           |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114            | 119241   | 5.000  | ug/L      | 0.00     |
| 28) Chlorobenzene-d5          | 8.854  | 117            | 123137   | 5.000  | ug/L      | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.252 | 152            | 57205    | 5.000  | ug/L      | 0.00     |
| System Monitoring Compounds   |        |                |          |        |           |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65             | 39152    | 4.772  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 95.400%   |          |
| 7) Chloroethane-d5            | 1.568  | 69             | 37128    | 5.036  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 100.800%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63             | 57898    | 3.598  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 72.000%   |          |
| 20) 2-Butanone-d5             | 3.899  | 46             | 108233   | 50.315 | ug/L      | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 100.620%  |          |
| 24) Chloroform-d              | 4.349  | 84             | 98179    | 5.807  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 116.200%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65             | 43873    | 5.347  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 107.000%  |          |
| 32) Benzene-d6                | 5.053  | 84             | 188843   | 5.152  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 103.000%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67             | 60139    | 5.540  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 110.800%  |          |
| 41) Toluene-d8                | 7.317  | 98             | 156767   | 4.947  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 99.000%   |          |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79             | 18231    | 5.063  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 101.200%  |          |
| 46) 2-Hexanone-d5             | 8.092  | 63             | 84534    | 58.249 | ug/L      | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 116.500%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84             | 42222    | 5.741  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 114.800%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152            | 64003    | 6.034  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 120.600%# |          |
| Target Compounds              |        |                |          |        |           |          |
|                               |        |                |          |        | Qvalue    |          |
| 12) 1,1-Dichloroethene        | 2.108  | 96             | 482      | 0.067  | ug/L #    | 1        |
| 27) 1,2-Dichloroethane        | 5.053  | 62             | 1202     | 0.147  | ug/L #    | 69       |
| 35) Methylcyclohexane         | 6.072  | 83             | 14365    | 1.137  | ug/L #    | 16       |
| 37) 1,2-Dichloropropane       | 6.072  | 63             | 6766     | 0.848  | ug/L #    | 84       |
| 39) cis-1,3-Dichloropropene   | 6.986  | 75             | 1285     | 0.122  | ug/L #    | 48       |
| 42) Toluene                   | 7.397  | 91             | 2407     | 0.071  | ug/L      | 97       |
| 61) 1,2,3-Trichloropropane    | 11.249 | 75             | 6130     | 1.542  | ug/L #    | 60       |
| -----                         |        |                |          |        |           |          |

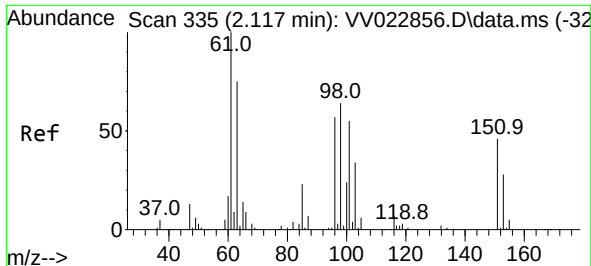
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Tue Oct 19 01:43:03 2021  
Response via : Initial Calibration

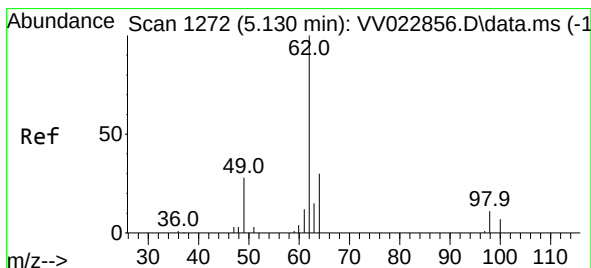
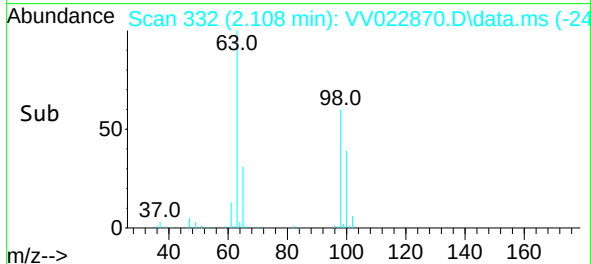
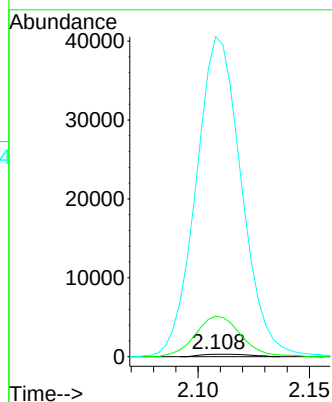
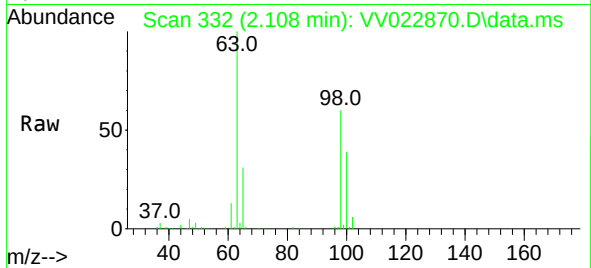




#12  
1,1-Dichloroethene  
Concen: 0.067 ug/L  
RT: 2.108 min Scan# 332  
Delta R.T. -0.010 min  
Lab File: VV022870.D  
Acq: 18 Oct 2021 16:40

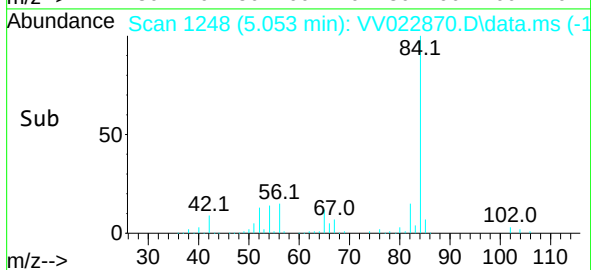
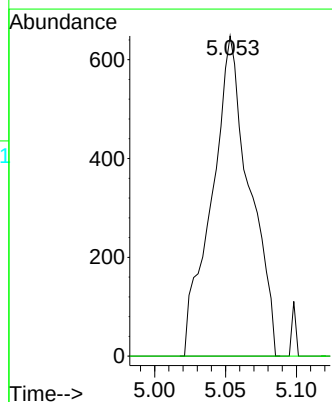
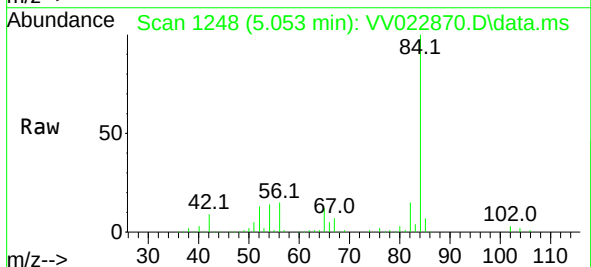
Instrument :  
MSVOA\_V  
ClientSampled :  
YAT27

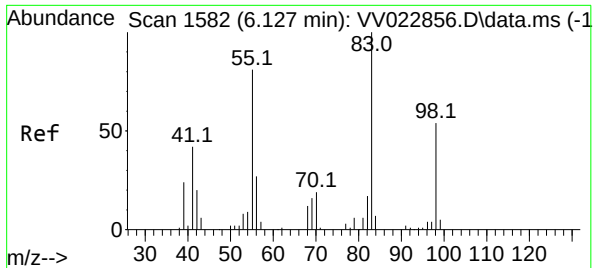
Tgt Ion: 96 Resp: 482  
Ion Ratio Lower Upper  
96 100  
61 1649.5 127.3 236.5#  
63 13041.8 106.2 197.2#



#27  
1,2-Dichloroethane  
Concen: 0.147 ug/L  
RT: 5.053 min Scan# 1248  
Delta R.T. -0.077 min  
Lab File: VV022870.D  
Acq: 18 Oct 2021 16:40

Tgt Ion: 62 Resp: 1202  
Ion Ratio Lower Upper  
62 100  
98 0.0 9.7 14.5#

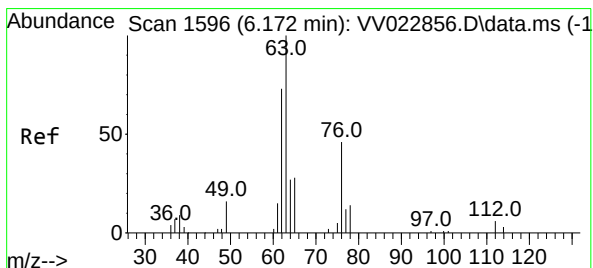
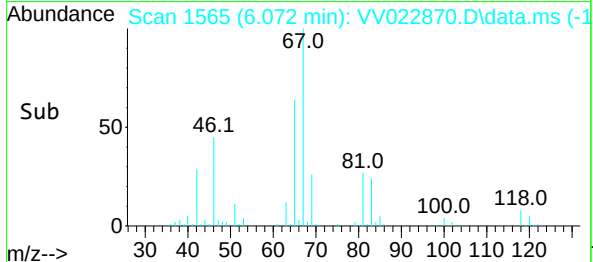
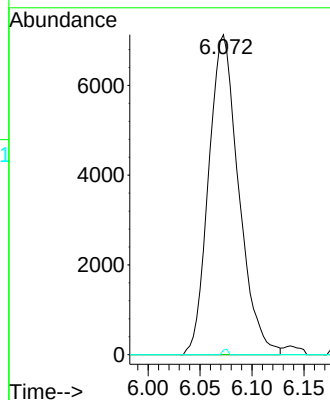
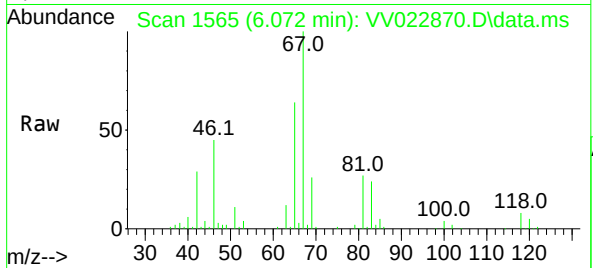




#35  
Methylcyclohexane  
Concen: 1.137 ug/L  
RT: 6.072 min Scan# 1565  
Delta R.T. -0.055 min  
Lab File: VV022870.D  
Acq: 18 Oct 2021 16:40

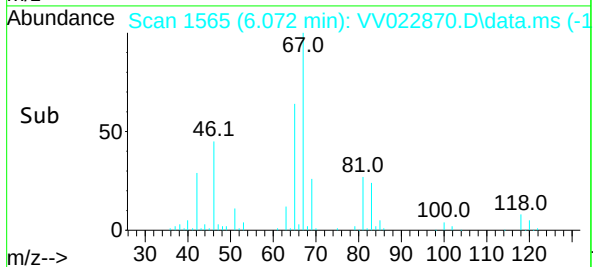
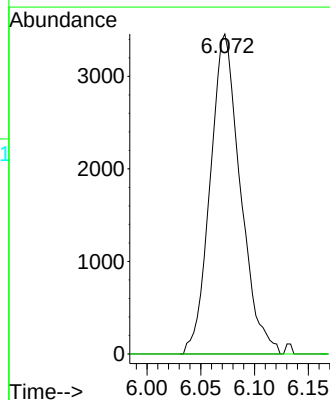
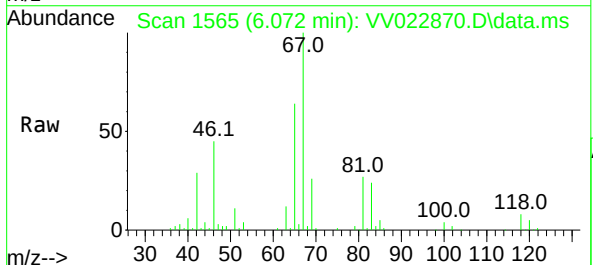
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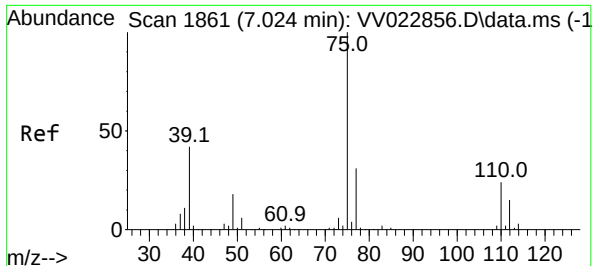
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 14365 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 0.0   | 63.8  | 95.6# |
| 98       | 0.3   | 42.1  | 63.1# |



#37  
1,2-Dichloropropane  
Concen: 0.848 ug/L  
RT: 6.072 min Scan# 1565  
Delta R.T. -0.100 min  
Lab File: VV022870.D  
Acq: 18 Oct 2021 16:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 63    | Resp: | 6766  |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 112      | 0.0   | 4.4   | 6.6#  |

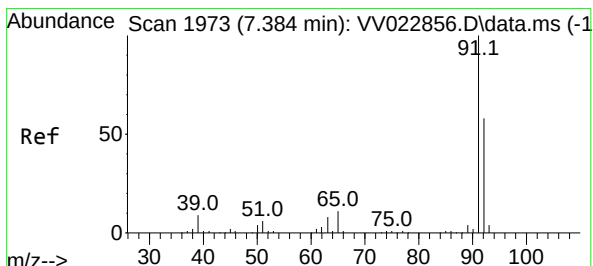
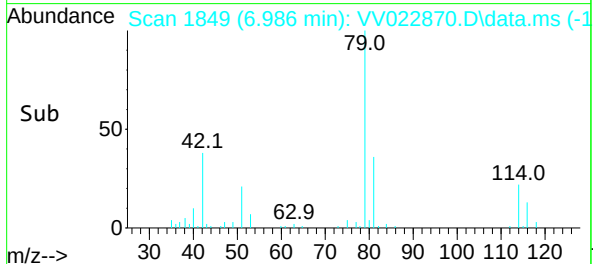
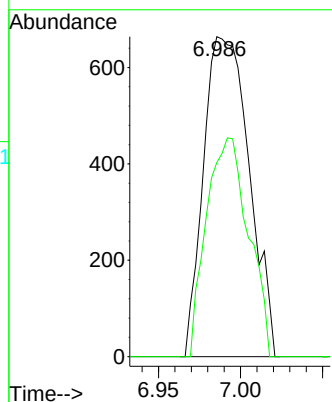
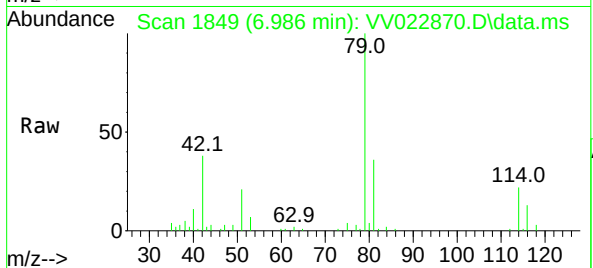




#39  
cis-1,3-Dichloropropene  
Concen: 0.122 ug/L  
RT: 6.986 min Scan# 1849  
Delta R.T. -0.038 min  
Lab File: VV022870.D  
Acq: 18 Oct 2021 16:40

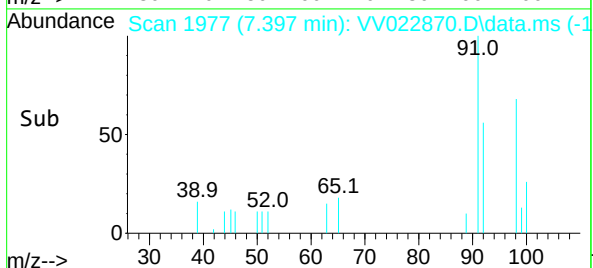
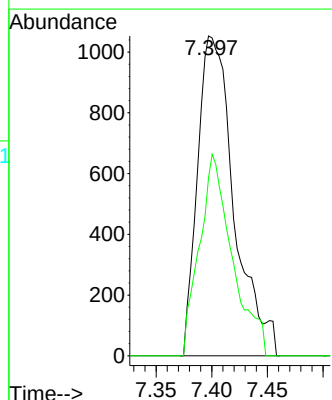
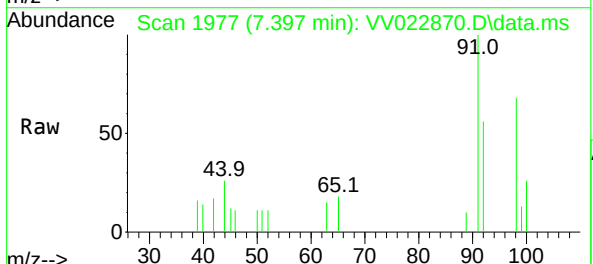
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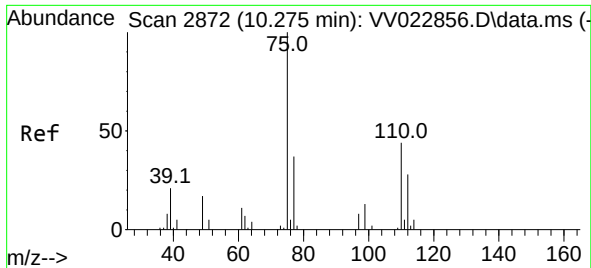
Tgt Ion: 75 Resp: 1285  
Ion Ratio Lower Upper  
75 100  
77 60.7 22.3 41.3#



#42  
Toluene  
Concen: 0.071 ug/L  
RT: 7.397 min Scan# 1977  
Delta R.T. 0.013 min  
Lab File: VV022870.D  
Acq: 18 Oct 2021 16:40

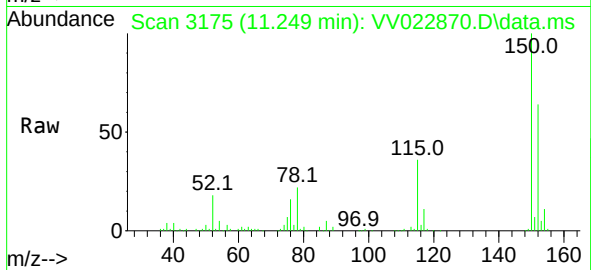
Tgt Ion: 91 Resp: 2407  
Ion Ratio Lower Upper  
91 100  
92 55.7 40.7 75.7





#61  
 1,2,3-Trichloropropane  
 Concen: 1.542 ug/L  
 RT: 11.249 min Scan# 3175  
 Delta R.T. 0.974 min  
 Lab File: VV022870.D  
 Acq: 18 Oct 2021 16:40

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 6130  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 37.2  | 25.4  | 38.2  |
| 110      | 2.8   | 34.2  | 51.4# |

