

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082321\  
 Data File : VW019858.D  
 Acq On : 23 Aug 2021 16:52  
 Operator : SY/VA  
 Sample : M3518-14  
 Misc : 6.92g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0B41

Quant Time: Aug 24 00:57:53 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081821SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue Aug 24 00:54:38 2021  
 Response via : Initial Calibration

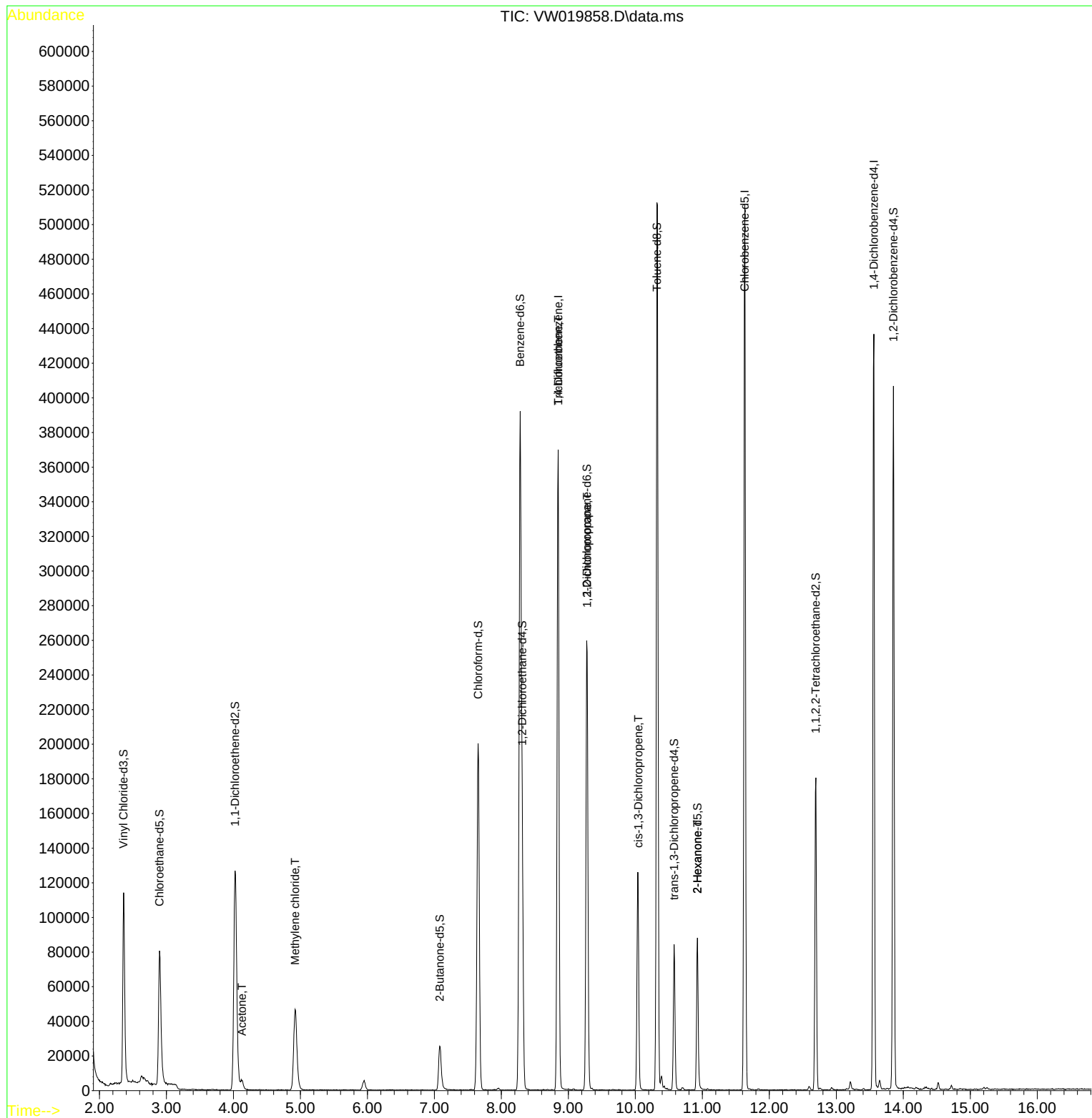
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.848  | 114   | 297753   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 275017   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 112715   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.361  | 65    | 128474   | 27.848   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 111.400% |
| 7) Chloroethane-d5            | 2.897  | 69    | 106887   | 26.396   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 105.600% |
| 11) 1,1-Dichloroethene-d2     | 4.025  | 63    | 140811   | 17.590   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 70.360%  |
| 21) 2-Butanone-d5             | 7.080  | 46    | 42663    | 45.528   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 91.060%  |
| 24) Chloroform-d              | 7.653  | 84    | 201013   | 24.548   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 98.200%  |
| 26) 1,2-Dichloroethane-d4     | 8.311  | 65    | 108989   | 24.698   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 98.800%  |
| 32) Benzene-d6                | 8.281  | 84    | 390283   | 24.889   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 99.560%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 119592   | 25.185   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 100.720% |
| 41) Toluene-d8                | 10.323 | 98    | 337977   | 23.520   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 94.080%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 44805    | 22.840   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 91.360%  |
| 47) 2-Hexanone-d5             | 10.926 | 63    | 27385    | 41.397   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 82.800%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.694 | 84    | 90162    | 23.329   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 93.320%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 98700    | 25.528   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 102.120% |
|                               |        |       |          |          |        |          |
| Target Compounds              | Qvalue |       |          |          |        |          |
| 13) Acetone                   | 4.129  | 43    | 8470     | 10.588   | ug/L   | 86       |
| 16) Methylene chloride        | 4.921  | 84    | 39626    | 7.754    | ug/L   | 98       |
| 34) Trichloroethene           | 8.848  | 95    | 8854     | 2.018    | ug/L # | 5        |
| 37) 1,2-Dichloropropane       | 9.280  | 63    | 14202    | 3.397    | ug/L # | 86       |
| 39) cis-1,3-Dichloropropene   | 10.042 | 75    | 3291     | 0.535    | ug/L # | 48       |
| 48) 2-Hexanone                | 10.926 | 43    | 3874     | 2.504    | ug/L # | 64       |
| -----                         |        |       |          |          |        |          |

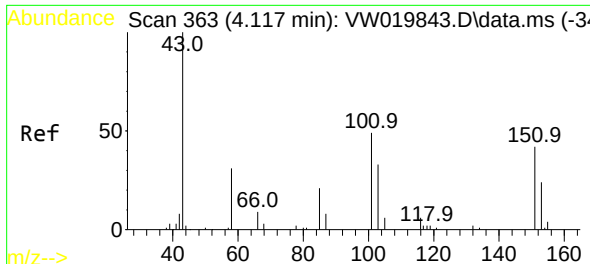
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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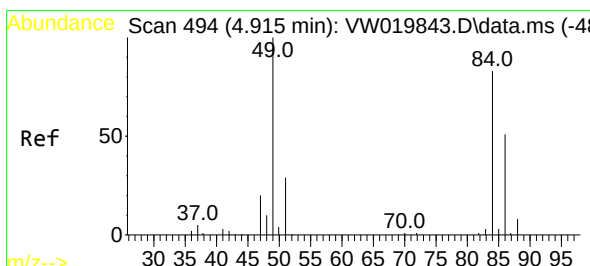
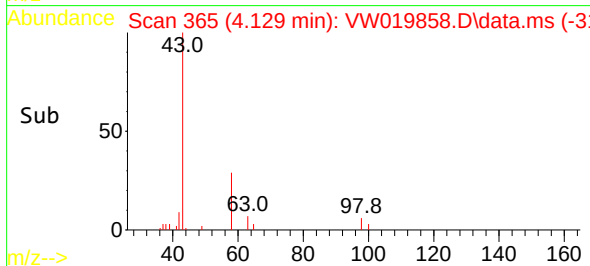
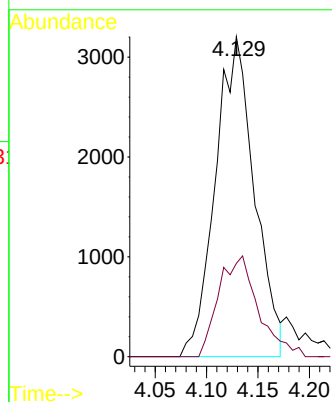
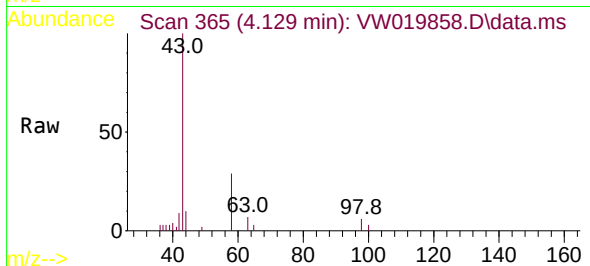




#13  
Acetone  
Concen: 10.588 ug/L  
RT: 4.129 min Scan# 365  
Delta R.T. 0.012 min  
Lab File: VW019858.D  
Acq: 23 Aug 2021 16:52

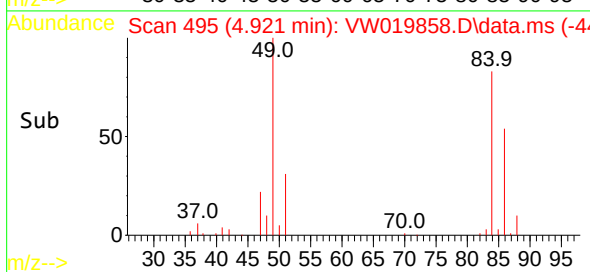
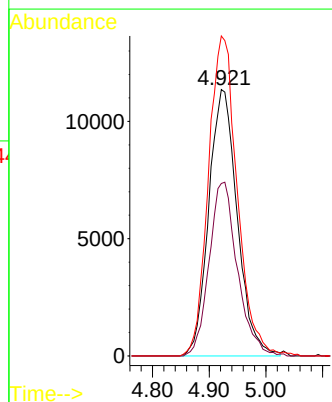
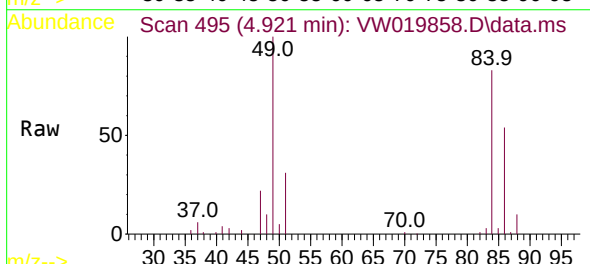
Instrument :  
MSVOA\_W  
ClientSampled :  
C0B41

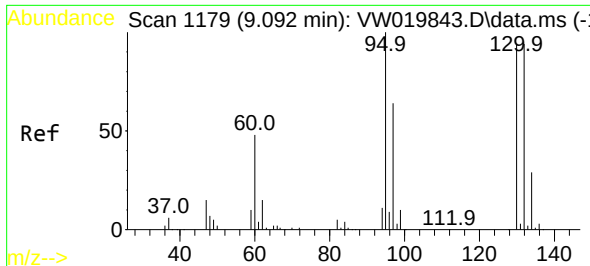
Tgt Ion: 43 Resp: 8470  
Ion Ratio Lower Upper  
43 100  
58 19.9 0.0 53.8



#16  
Methylene chloride  
Concen: 7.754 ug/L  
RT: 4.921 min Scan# 495  
Delta R.T. 0.006 min  
Lab File: VW019858.D  
Acq: 23 Aug 2021 16:52

Tgt Ion: 84 Resp: 39626  
Ion Ratio Lower Upper  
84 100  
86 64.7 45.3 84.1  
49 120.1 86.6 160.8

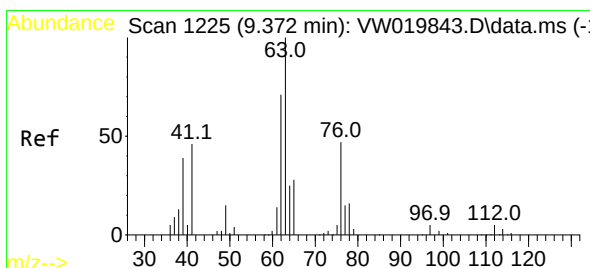
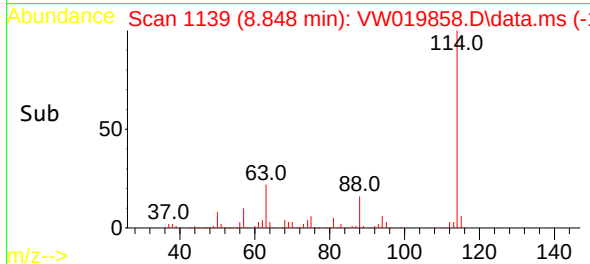
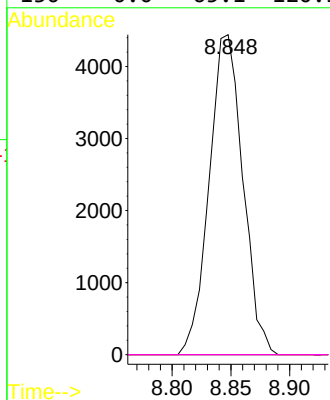
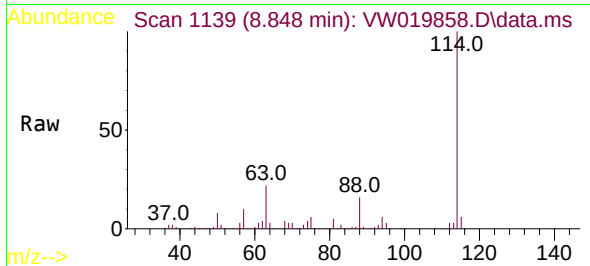




#34  
Trichloroethene  
Concen: 2.018 ug/L  
RT: 8.848 min Scan# 1139  
Delta R.T. -0.244 min  
Lab File: VW019858.D  
Acq: 23 Aug 2021 16:52

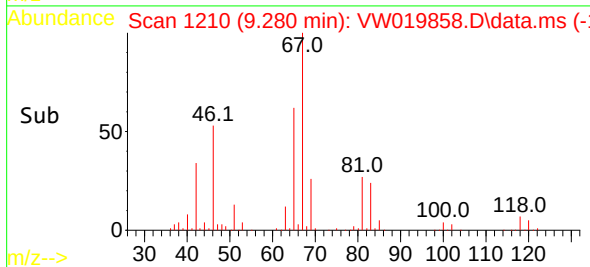
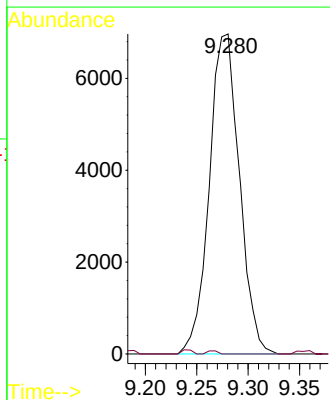
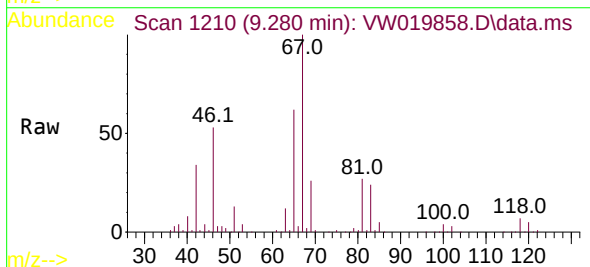
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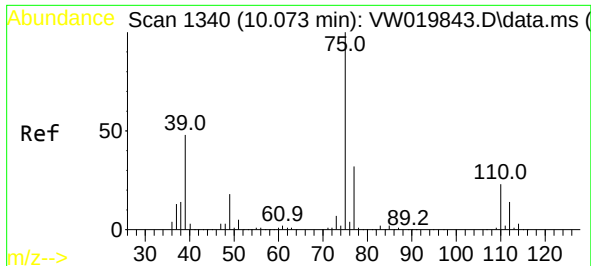
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 95    | Resp: | 8854   |
| Ion      | Ratio | Lower | Upper  |
| 95       | 100   |       |        |
| 97       | 0.0   | 47.3  | 87.8#  |
| 132      | 0.0   | 71.0  | 131.8# |
| 130      | 0.0   | 65.1  | 120.9# |



#37  
1,2-Dichloropropane  
Concen: 3.397 ug/L  
RT: 9.280 min Scan# 1210  
Delta R.T. -0.092 min  
Lab File: VW019858.D  
Acq: 23 Aug 2021 16:52

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 63    | Resp: | 14202 |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 112      | 0.3   | 3.9   | 5.9#  |

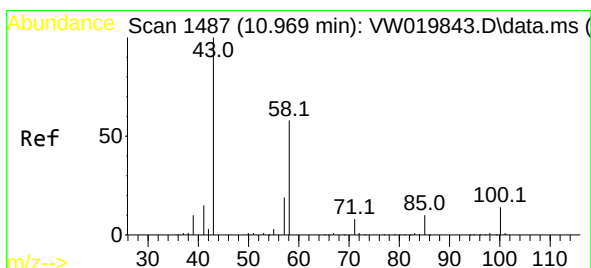
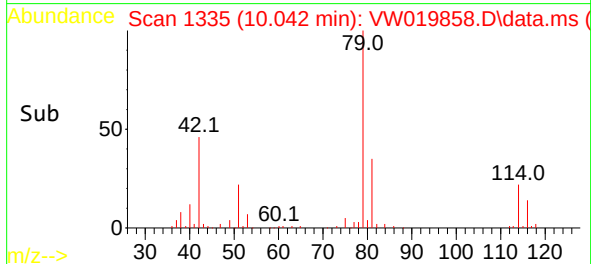
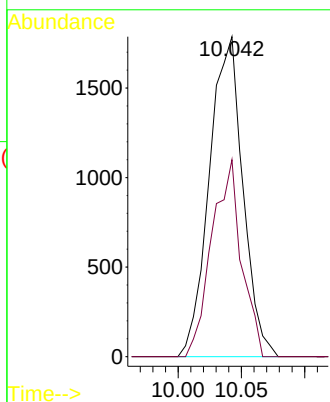
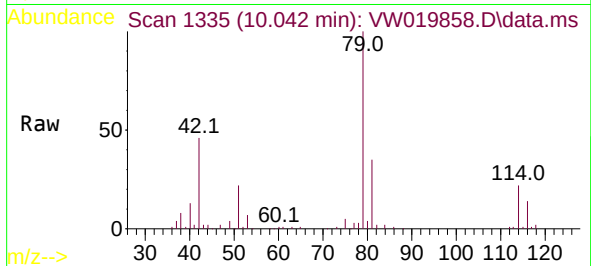




#39  
cis-1,3-Dichloropropene  
Concen: 0.535 ug/L  
RT: 10.042 min Scan# 1335  
Delta R.T. -0.031 min  
Lab File: VW019858.D  
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ClientSampleId :  
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Tgt Ion: 75 Resp: 3291  
Ion Ratio Lower Upper  
75 100  
77 61.6 22.6 42.0#



#48  
2-Hexanone  
Concen: 2.504 ug/L  
RT: 10.926 min Scan# 1480  
Delta R.T. -0.043 min  
Lab File: VW019858.D  
Acq: 23 Aug 2021 16:52

Tgt Ion: 43 Resp: 3874  
Ion Ratio Lower Upper  
43 100  
58 28.0 42.7 64.1#  
57 40.0 15.8 23.8#  
100 3.1 10.0 15.0#

