

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082321\  
 Data File : VW019848.D  
 Acq On : 23 Aug 2021 12:52  
 Operator : SY/VA  
 Sample : M3518-02  
 Misc : 6.39g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0AX1

Quant Time: Aug 24 00:56:03 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

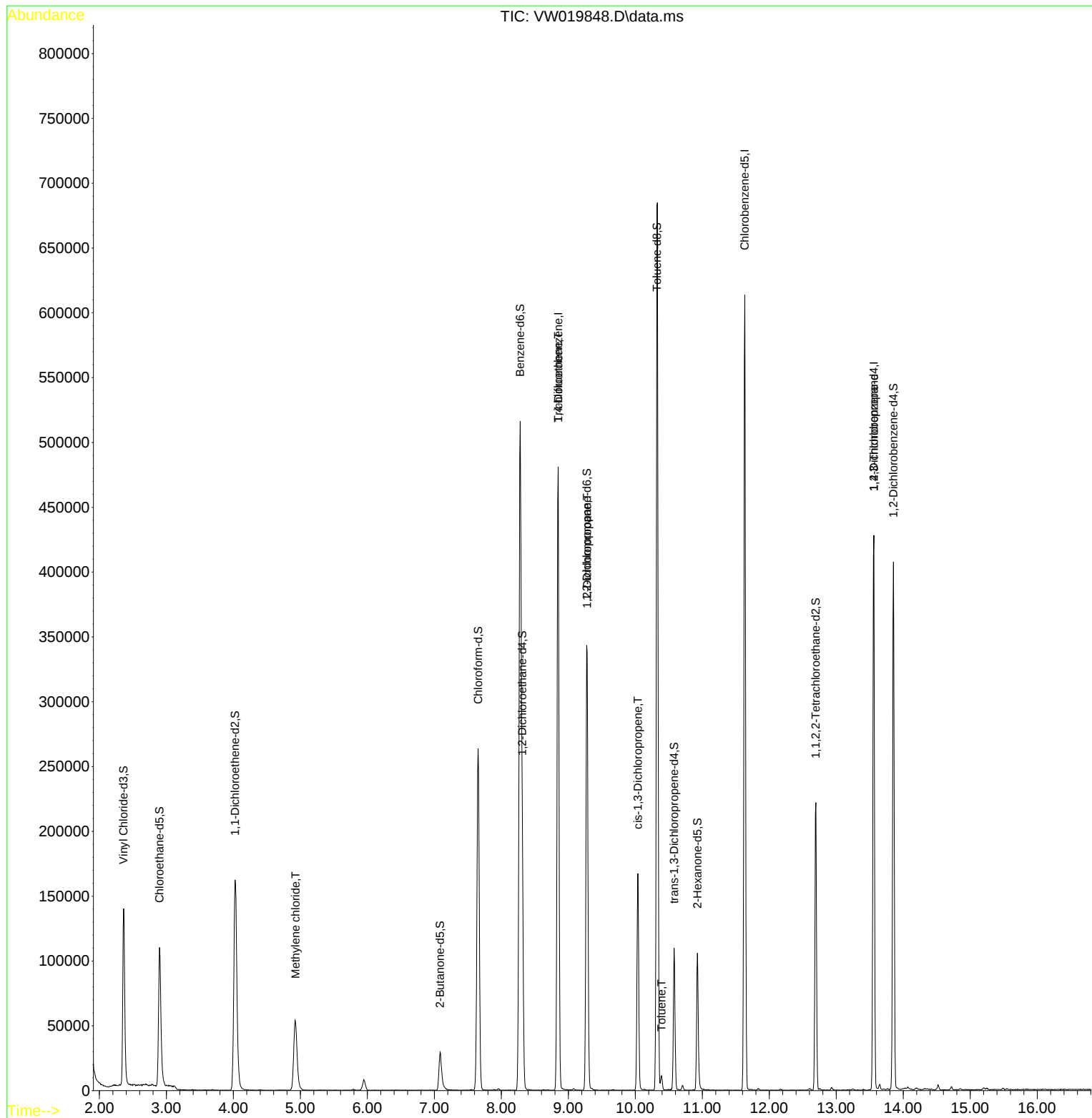
| Compound                      | R.T. QIon |                | Response | Conc       | Units  | Dev(Min) |
|-------------------------------|-----------|----------------|----------|------------|--------|----------|
| -----                         |           |                |          |            |        |          |
| Internal Standards            |           |                |          |            |        |          |
| 1) 1,4-Difluorobenzene        | 8.848     | 114            | 387407   | 25.000     | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634    | 117            | 333820   | 25.000     | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560    | 152            | 109262   | 25.000     | ug/L   | 0.00     |
|                               |           |                |          |            |        |          |
| System Monitoring Compounds   |           |                |          |            |        |          |
| 4) Vinyl Chloride-d3          | 2.361     | 65             | 166646   | 27.763     | ug/L   | 0.00     |
| Spiked Amount                 | 25.000    | Range 30 - 150 | Recovery | = 111.040% |        |          |
| 7) Chloroethane-d5            | 2.898     | 69             | 144336   | 27.396     | ug/L   | 0.00     |
| Spiked Amount                 | 25.000    | Range 30 - 150 | Recovery | = 109.600% |        |          |
| 11) 1,1-Dichloroethene-d2     | 4.026     | 63             | 183303   | 17.599     | ug/L   | 0.00     |
| Spiked Amount                 | 25.000    | Range 45 - 110 | Recovery | = 70.400%  |        |          |
| 21) 2-Butanone-d5             | 7.086     | 46             | 47422    | 38.895     | ug/L   | 0.01     |
| Spiked Amount                 | 50.000    | Range 20 - 135 | Recovery | = 77.780%  |        |          |
| 24) Chloroform-d              | 7.653     | 84             | 269017   | 25.250     | ug/L   | 0.00     |
| Spiked Amount                 | 25.000    | Range 40 - 150 | Recovery | = 101.000% |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.311     | 65             | 142713   | 24.856     | ug/L   | 0.00     |
| Spiked Amount                 | 25.000    | Range 70 - 130 | Recovery | = 99.440%  |        |          |
| 32) Benzene-d6                | 8.281     | 84             | 525626   | 27.616     | ug/L   | 0.00     |
| Spiked Amount                 | 25.000    | Range 20 - 135 | Recovery | = 110.480% |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.275     | 67             | 161171   | 27.962     | ug/L   | 0.00     |
| Spiked Amount                 | 25.000    | Range 70 - 120 | Recovery | = 111.840% |        |          |
| 41) Toluene-d8                | 10.323    | 98             | 449594   | 25.776     | ug/L   | 0.00     |
| Spiked Amount                 | 25.000    | Range 30 - 130 | Recovery | = 103.120% |        |          |
| 43) trans-1,3-Dichloroprop... | 10.579    | 79             | 58478    | 24.558     | ug/L   | 0.00     |
| Spiked Amount                 | 25.000    | Range 30 - 135 | Recovery | = 98.240%  |        |          |
| 47) 2-Hexanone-d5             | 10.927    | 63             | 33857    | 42.165     | ug/L   | 0.00     |
| Spiked Amount                 | 50.000    | Range 20 - 135 | Recovery | = 84.320%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695    | 84             | 110950   | 23.650     | ug/L   | 0.00     |
| Spiked Amount                 | 25.000    | Range 45 - 120 | Recovery | = 94.600%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853    | 152            | 101341   | 27.039     | ug/L   | 0.00     |
| Spiked Amount                 | 25.000    | Range 75 - 120 | Recovery | = 108.160% |        |          |
|                               |           |                |          |            |        |          |
| Target Compounds              |           |                |          |            |        | Qvalue   |
| 16) Methylene chloride        | 4.928     | 84             | 47760    | 7.183      | ug/L   | 92       |
| 34) Trichloroethene           | 8.848     | 95             | 12401    | 2.328      | ug/L # | 5        |
| 37) 1,2-Dichloropropane       | 9.281     | 63             | 18388    | 3.624      | ug/L # | 86       |
| 39) cis-1,3-Dichloropropene   | 10.037    | 75             | 4284     | 0.573      | ug/L # | 55       |
| 42) Toluene                   | 10.390    | 91             | 7811     | 0.360      | ug/L   | 95       |
| 61) 1,2,3-Trichloropropane    | 13.560    | 75             | 14866    | 6.939      | ug/L # | 65       |
| -----                         |           |                |          |            |        |          |

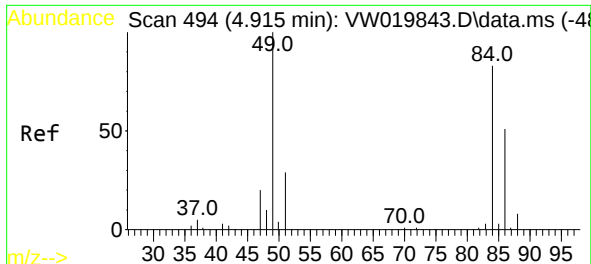
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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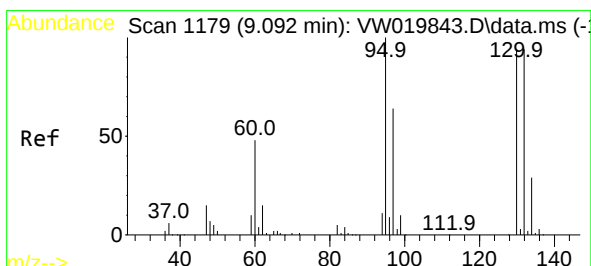
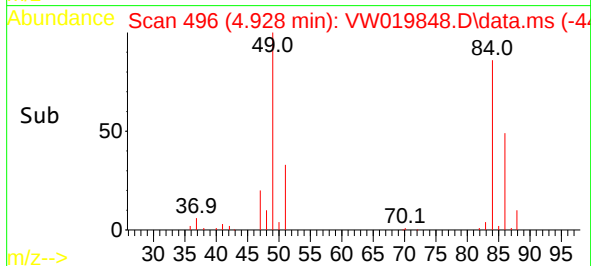
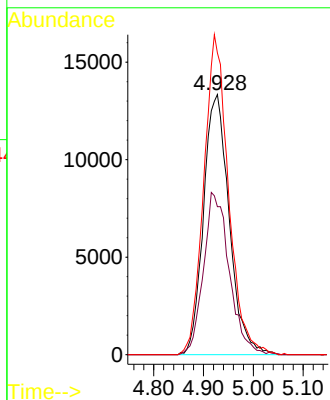
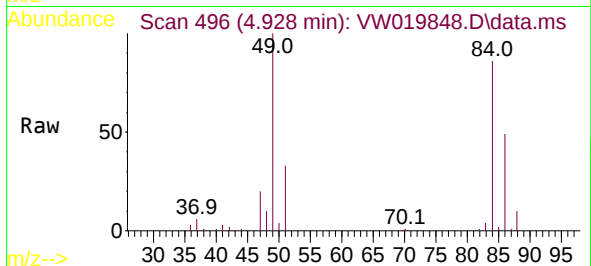




#16  
Methylene chloride  
Concen: 7.183 ug/L  
RT: 4.928 min Scan# 496  
Delta R.T. 0.012 min  
Lab File: VW019848.D  
Acq: 23 Aug 2021 12:52

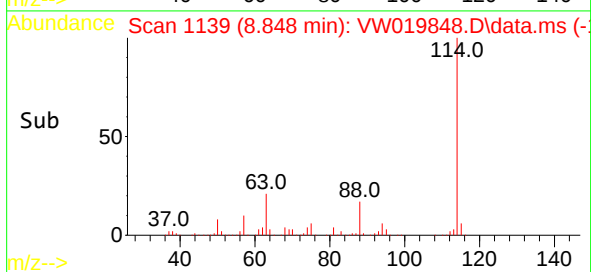
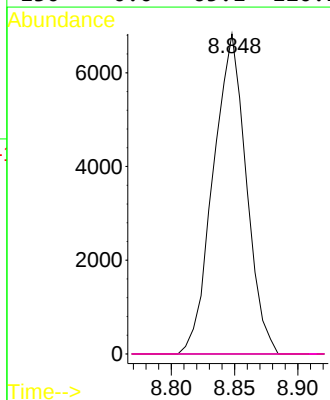
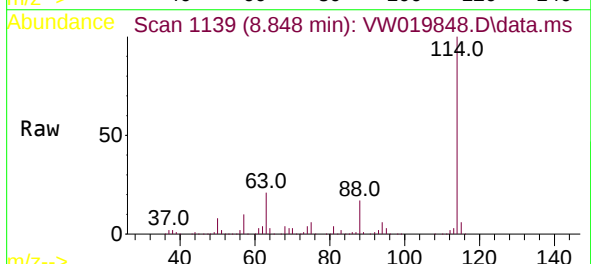
Instrument :  
MSVOA\_W  
ClientSampled :  
C0AX1

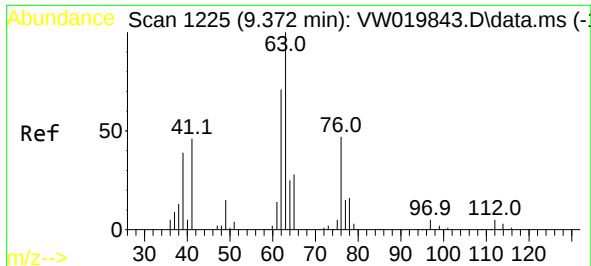
Tgt Ion: 84 Resp: 47760  
Ion Ratio Lower Upper  
84 100  
86 56.9 45.3 84.1  
49 116.0 86.6 160.8



#34  
Trichloroethene  
Concen: 2.328 ug/L  
RT: 8.848 min Scan# 1139  
Delta R.T. -0.244 min  
Lab File: VW019848.D  
Acq: 23 Aug 2021 12:52

Tgt Ion: 95 Resp: 12401  
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#

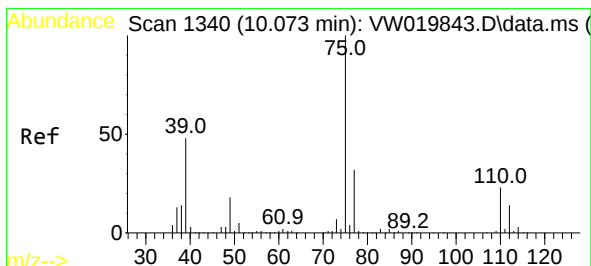
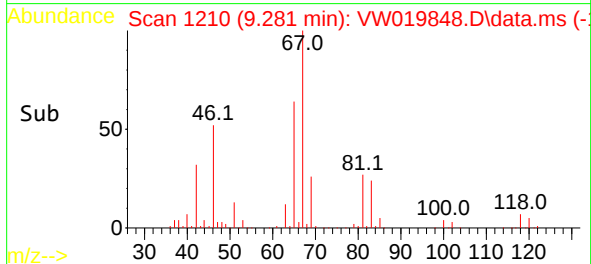
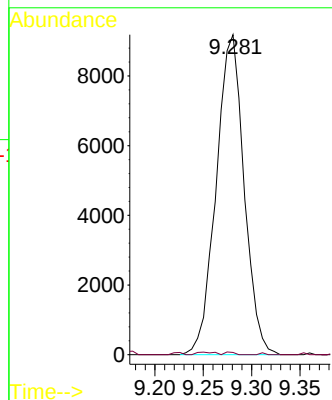
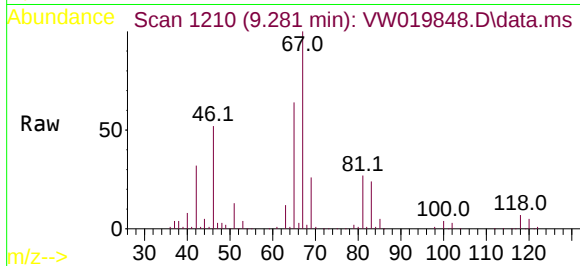




#37  
1,2-Dichloropropane  
Concen: 3.624 ug/L  
RT: 9.281 min Scan# 1210  
Delta R.T. -0.091 min  
Lab File: VW019848.D  
Acq: 23 Aug 2021 12:52

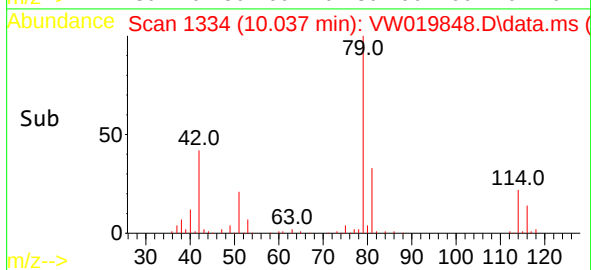
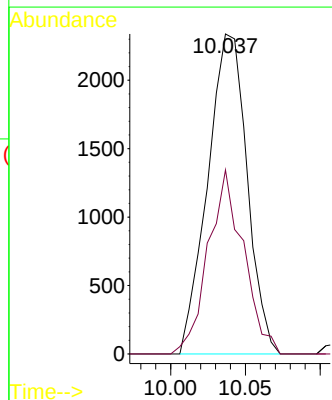
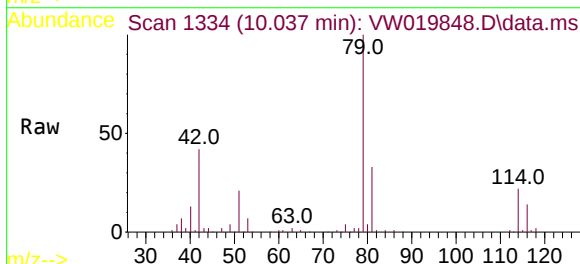
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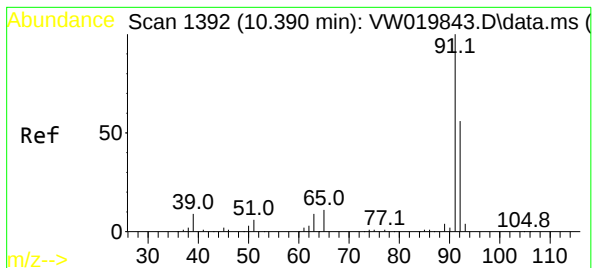
Tgt Ion: 63 Resp: 18388  
Ion Ratio Lower Upper  
63 100  
112 0.3 3.9 5.9#



#39  
cis-1,3-Dichloropropene  
Concen: 0.573 ug/L  
RT: 10.037 min Scan# 1334  
Delta R.T. -0.036 min  
Lab File: VW019848.D  
Acq: 23 Aug 2021 12:52

Tgt Ion: 75 Resp: 4284  
Ion Ratio Lower Upper  
75 100  
77 57.5 22.6 42.0#





#42

Toluene

Concen: 0.360 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW019848.D

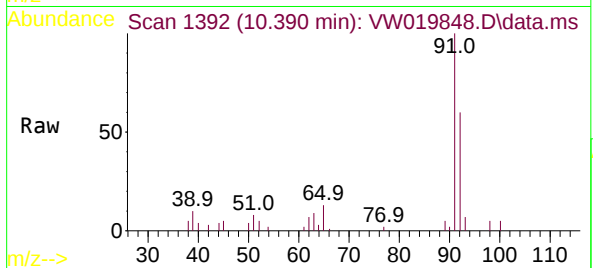
Acq: 23 Aug 2021 12:52

Tgt Ion: 91 Resp: 7811

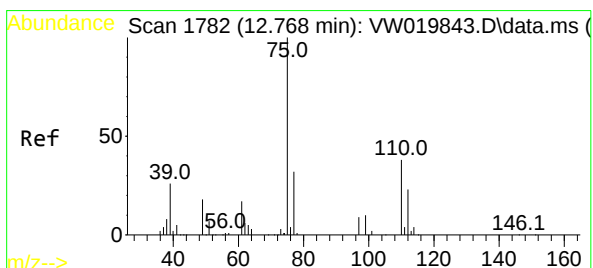
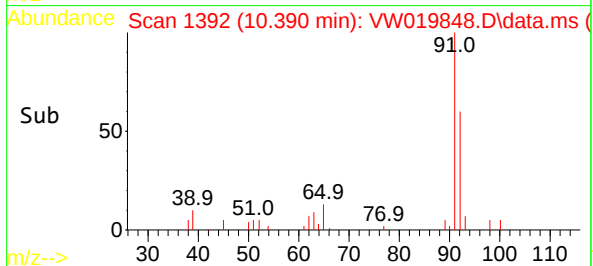
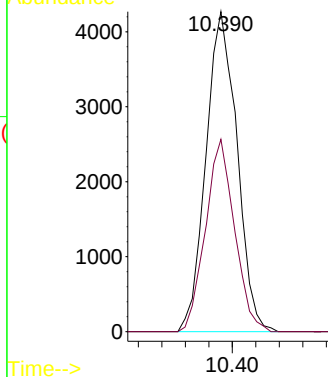
Ion Ratio Lower Upper

91 100

92 60.1 39.5 73.3



Abundance



#61

1,2,3-Trichloropropane

Concen: 6.939 ug/L

RT: 13.560 min Scan# 1912

Delta R.T. 0.793 min

Lab File: VW019848.D

Acq: 23 Aug 2021 12:52

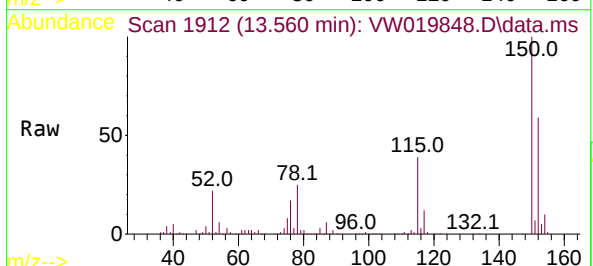
Tgt Ion: 75 Resp: 14866

Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9

110 2.5 32.6 48.8#



Abundance

