

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW091621\  
 Data File : VW020043.D  
 Acq On : 16 Sep 2021 17:39  
 Operator : SY/VA  
 Sample : M3755-05  
 Misc : 5.95g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Sep 17 01:07:33 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM091421SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Sep 16 00:47:26 2021  
 Response via : Initial Calibration

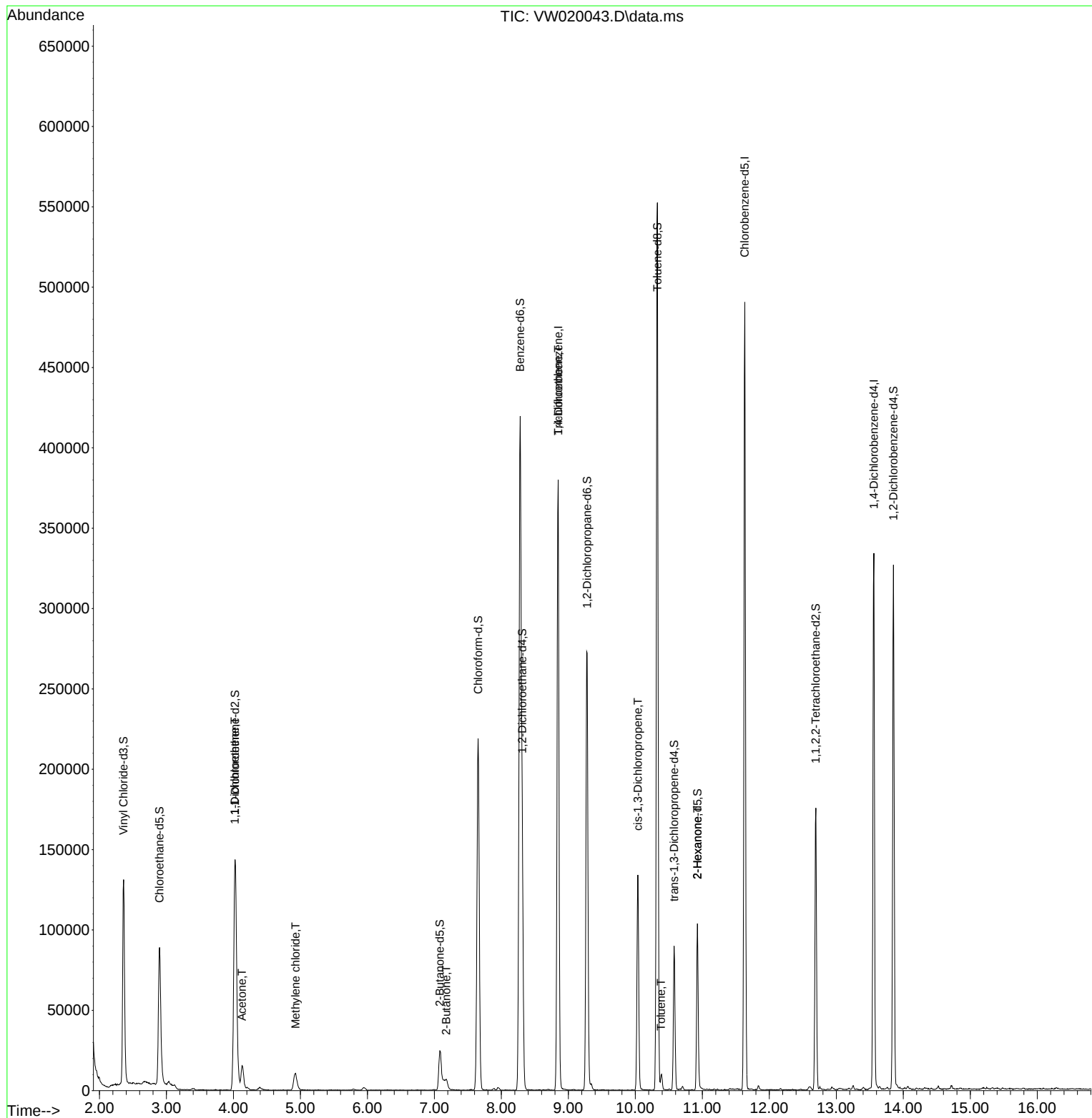
| Compound                      |        | R.T.   | QIon     | Response | Conc        | Units  | Dev(Min) |
|-------------------------------|--------|--------|----------|----------|-------------|--------|----------|
| -----                         |        |        |          |          |             |        |          |
| Internal Standards            |        |        |          |          |             |        |          |
| 1) 1,4-Difluorobenzene        |        | 8.848  | 114      | 303183   | 25.000      | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          |        | 11.634 | 117      | 251556   | 25.000      | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    |        | 13.560 | 152      | 84318    | 25.000      | ug/L   | 0.00     |
|                               |        |        |          |          |             |        |          |
| System Monitoring Compounds   |        |        |          |          |             |        |          |
| 4) Vinyl Chloride-d3          |        | 2.361  | 65       | 151250   | 30.289      | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 30 - 150 | Recovery | = 121.160%  |        |          |
| 7) Chloroethane-d5            |        | 2.898  | 69       | 118434   | 27.555      | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 30 - 150 | Recovery | = 110.240%  |        |          |
| 11) 1,1-Dichloroethene-d2     |        | 4.025  | 63       | 157988   | 19.356      | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 45 - 110 | Recovery | = 77.440%   |        |          |
| 21) 2-Butanone-d5             |        | 7.080  | 46       | 41722    | 30.542      | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range  | 20 - 135 | Recovery | = 61.080%   |        |          |
| 24) Chloroform-d              |        | 7.653  | 84       | 216306   | 25.893      | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 40 - 150 | Recovery | = 103.560%  |        |          |
| 26) 1,2-Dichloroethane-d4     |        | 8.311  | 65       | 120378   | 24.461      | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 70 - 130 | Recovery | = 97.840%   |        |          |
| 32) Benzene-d6                |        | 8.281  | 84       | 415468   | 30.271      | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 20 - 135 | Recovery | = 121.080%  |        |          |
| 36) 1,2-Dichloropropane-d6    |        | 9.281  | 67       | 123590   | 30.359      | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 70 - 120 | Recovery | = 121.440%# |        |          |
| 41) Toluene-d8                |        | 10.329 | 98       | 356957   | 27.746      | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 30 - 130 | Recovery | = 111.000%  |        |          |
| 43) trans-1,3-Dichloroprop... |        | 10.579 | 79       | 48171    | 25.724      | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 30 - 135 | Recovery | = 102.880%  |        |          |
| 47) 2-Hexanone-d5             |        | 10.927 | 63       | 31593    | 37.988      | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range  | 20 - 135 | Recovery | = 75.980%   |        |          |
| 56) 1,1,2,2-Tetrachloroeth... |        | 12.695 | 84       | 84585    | 21.120      | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 45 - 120 | Recovery | = 84.480%   |        |          |
| 66) 1,2-Dichlorobenzene-d4    |        | 13.853 | 152      | 78163    | 27.201      | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 75 - 120 | Recovery | = 108.800%  |        |          |
|                               |        |        |          |          |             |        |          |
| Target Compounds              |        |        |          |          |             |        | Qvalue   |
| 12) 1,1-Dichloroethene        |        | 4.019  | 96       | 1200     | 0.292       | ug/L # | 1        |
| 13) Acetone                   |        | 4.129  | 43       | 25819    | 19.901      | ug/L   | 89       |
| 16) Methylene chloride        |        | 4.928  | 84       | 8694     | 1.627       | ug/L   | 95       |
| 22) 2-Butanone                |        | 7.177  | 43       | 9790     | 6.021       | ug/L   | 91       |
| 34) Trichloroethene           |        | 8.848  | 95       | 9662     | 2.410       | ug/L # | 5        |
| 39) cis-1,3-Dichloropropene   |        | 10.036 | 75       | 3732     | 0.674       | ug/L   | 84       |
| 42) Toluene                   |        | 10.384 | 91       | 6567     | 0.407       | ug/L   | 95       |
| 48) 2-Hexanone                |        | 10.927 | 43       | 4847     | 2.586       | ug/L # | 66       |
| -----                         |        |        |          |          |             |        |          |

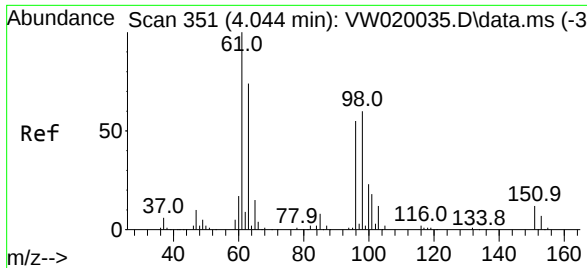
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 1 Sample Multiplier: 1

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ClientSampleId :

Quant Time: Sep 17 01:07:33 2021  
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Quant Title : SFAM01.0  
QLast Update : Thu Sep 16 00:47:26 2021  
Response via : Initial Calibration

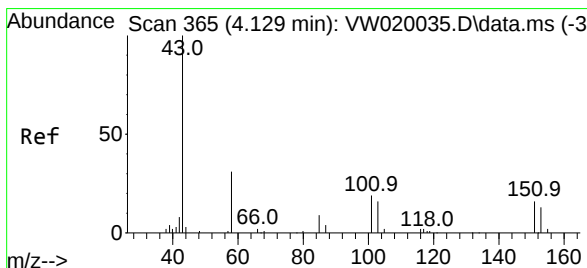
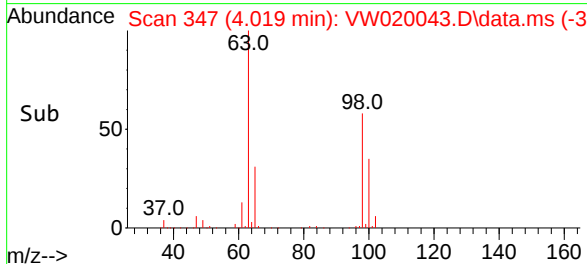
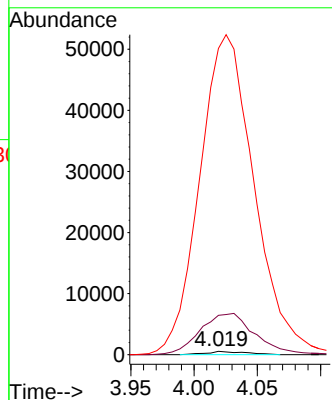
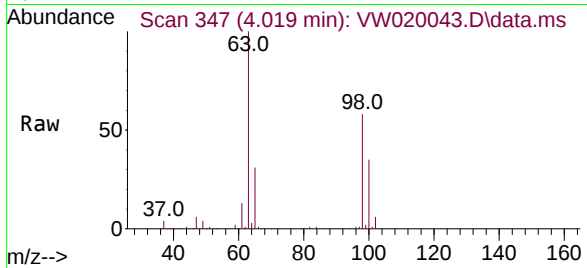




#12  
1,1-Dichloroethene  
Concen: 0.292 ug/L  
RT: 4.019 min Scan# 347  
Delta R.T. -0.025 min  
Lab File: VW020043.D  
Acq: 16 Sep 2021 17:39

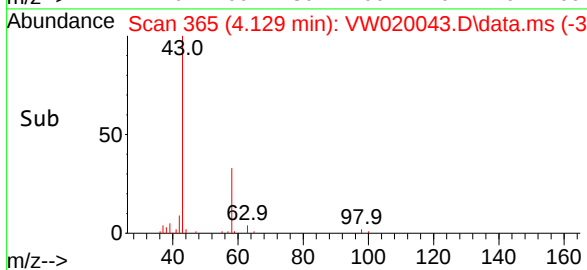
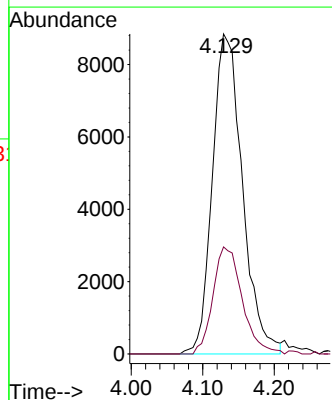
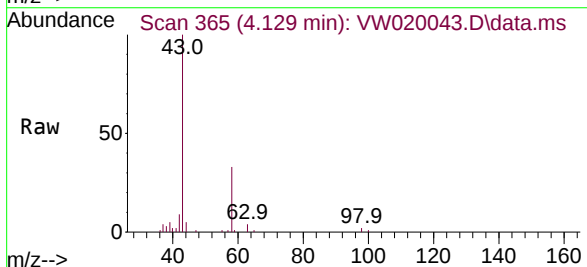
Instrument :  
MSVOA\_W  
ClientSampled :

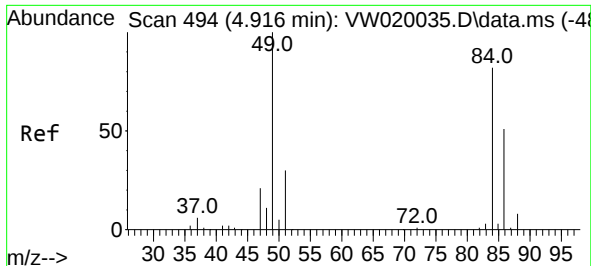
Tgt Ion: 96 Resp: 1200  
Ion Ratio Lower Upper  
96 100  
61 1155.0 118.1 219.3#  
63 8984.9 83.7 155.5#



#13  
Acetone  
Concen: 19.901 ug/L  
RT: 4.129 min Scan# 365  
Delta R.T. 0.006 min  
Lab File: VW020043.D  
Acq: 16 Sep 2021 17:39

Tgt Ion: 43 Resp: 25819  
Ion Ratio Lower Upper  
43 100  
58 32.4 0.0 53.8

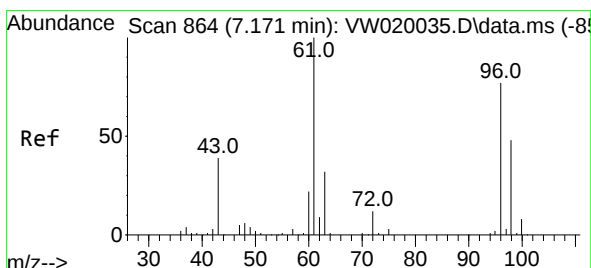
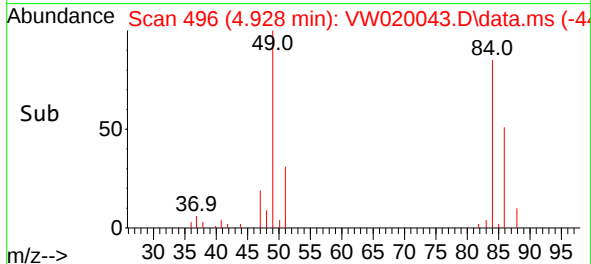
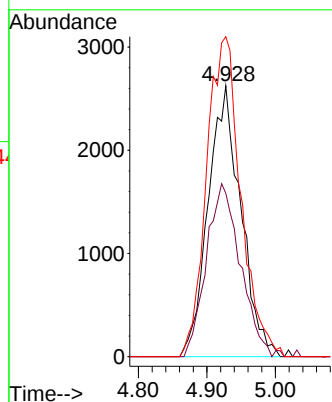
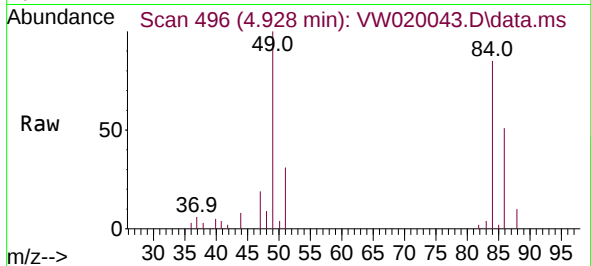




#16  
Methylene chloride  
Concen: 1.627 ug/L  
RT: 4.928 min Scan# 496  
Delta R.T. 0.006 min  
Lab File: VW020043.D  
Acq: 16 Sep 2021 17:39

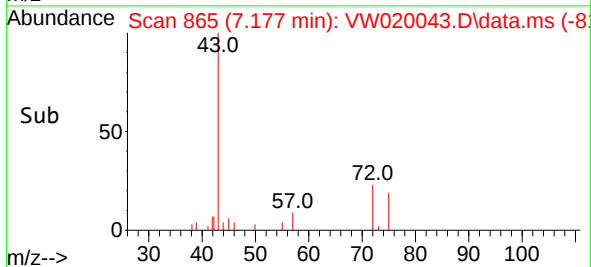
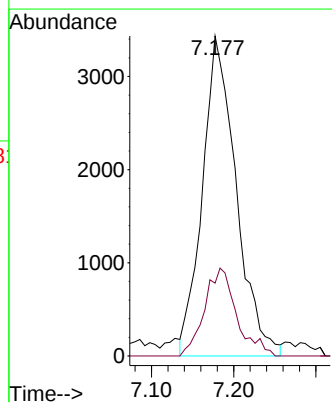
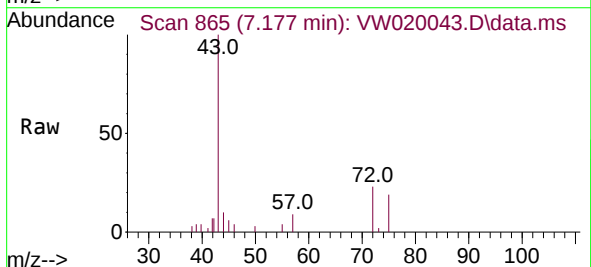
Instrument :  
MSVOA\_W  
ClientSampled :

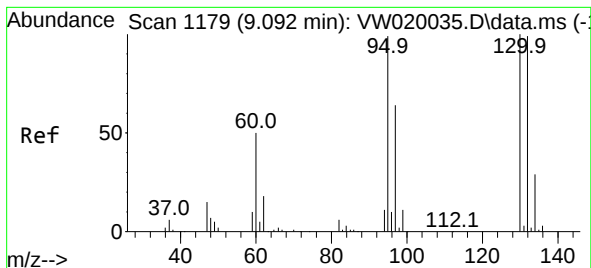
Tgt Ion: 84 Resp: 8694  
Ion Ratio Lower Upper  
84 100  
86 60.3 45.3 84.1  
49 118.1 86.6 160.8



#22  
2-Butanone  
Concen: 6.021 ug/L  
RT: 7.177 min Scan# 865  
Delta R.T. 0.006 min  
Lab File: VW020043.D  
Acq: 16 Sep 2021 17:39

Tgt Ion: 43 Resp: 9790  
Ion Ratio Lower Upper  
43 100  
72 24.9 14.9 44.7





#34

Trichloroethene

Concen: 2.410 ug/L

RT: 8.848 min Scan# 1139

Delta R.T. -0.250 min

Lab File: VW020043.D

Acq: 16 Sep 2021 17:39

Tgt Ion: 95 Resp: 9662

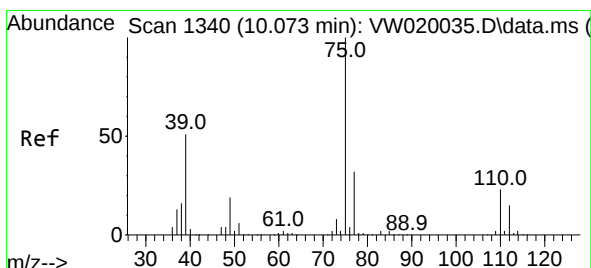
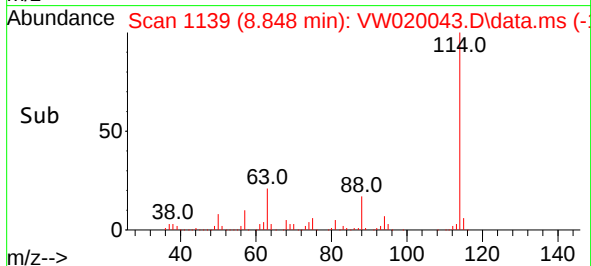
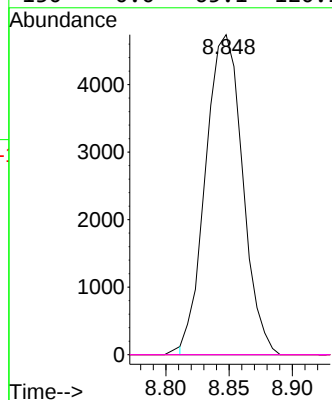
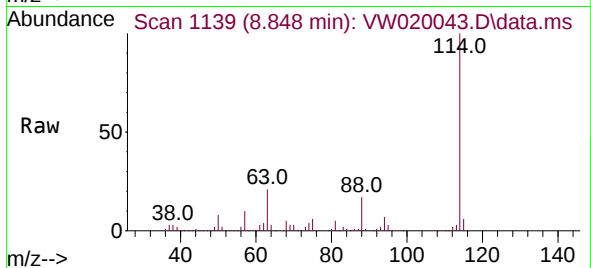
Ion Ratio Lower Upper

95 100

97 0.0 47.3 87.8#

132 0.0 71.0 131.8#

130 0.0 65.1 120.9#



#39

cis-1,3-Dichloropropene

Concen: 0.674 ug/L

RT: 10.036 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW020043.D

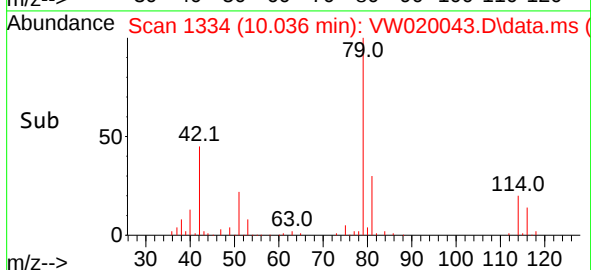
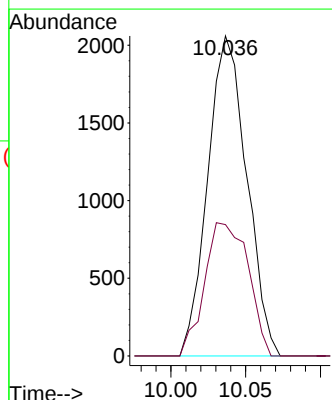
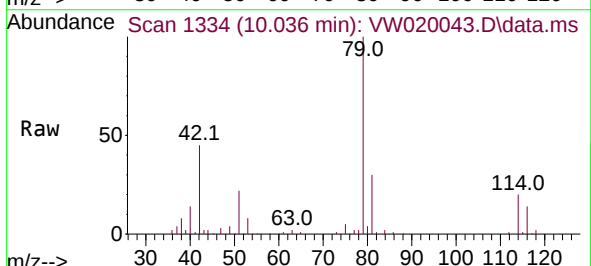
Acq: 16 Sep 2021 17:39

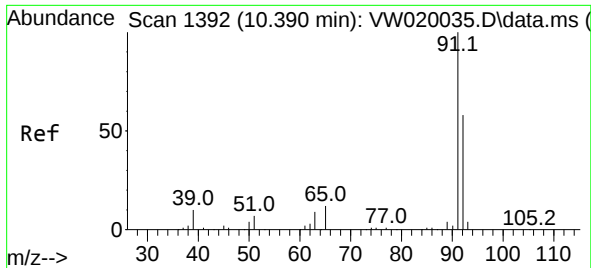
Tgt Ion: 75 Resp: 3732

Ion Ratio Lower Upper

75 100

77 41.1 22.6 42.0

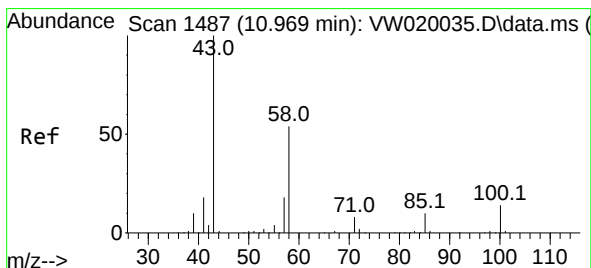
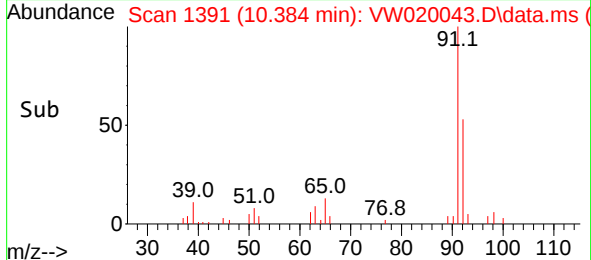
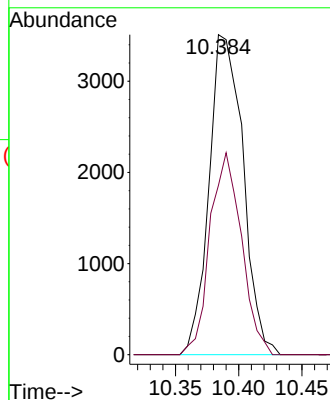
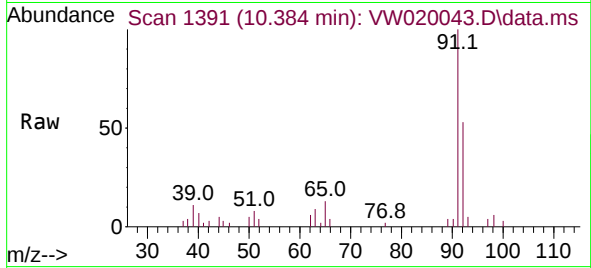




#42  
Toluene  
Concen: 0.407 ug/L  
RT: 10.384 min Scan# 1391  
Delta R.T. -0.006 min  
Lab File: VW020043.D  
Acq: 16 Sep 2021 17:39

Instrument :  
MSVOA\_W  
ClientSampled :

Tgt Ion: 91 Resp: 6567  
Ion Ratio Lower Upper  
91 100  
92 52.9 39.5 73.3



#48  
2-Hexanone  
Concen: 2.586 ug/L  
RT: 10.927 min Scan# 1480  
Delta R.T. -0.043 min  
Lab File: VW020043.D  
Acq: 16 Sep 2021 17:39

Tgt Ion: 43 Resp: 4847  
Ion Ratio Lower Upper  
43 100  
58 27.4 42.7 64.1#  
57 34.6 15.8 23.8#  
100 2.5 10.0 15.0#

