

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW051022\  
 Data File : VW022960.D  
 Acq On : 10 May 2022 17:01  
 Operator : SY/VA  
 Sample : N2766-05  
 Misc : 7.21g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EW4F5

Quant Time: May 11 01:23:23 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050222SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed May 11 01:19:10 2022  
 Response via : Initial Calibration

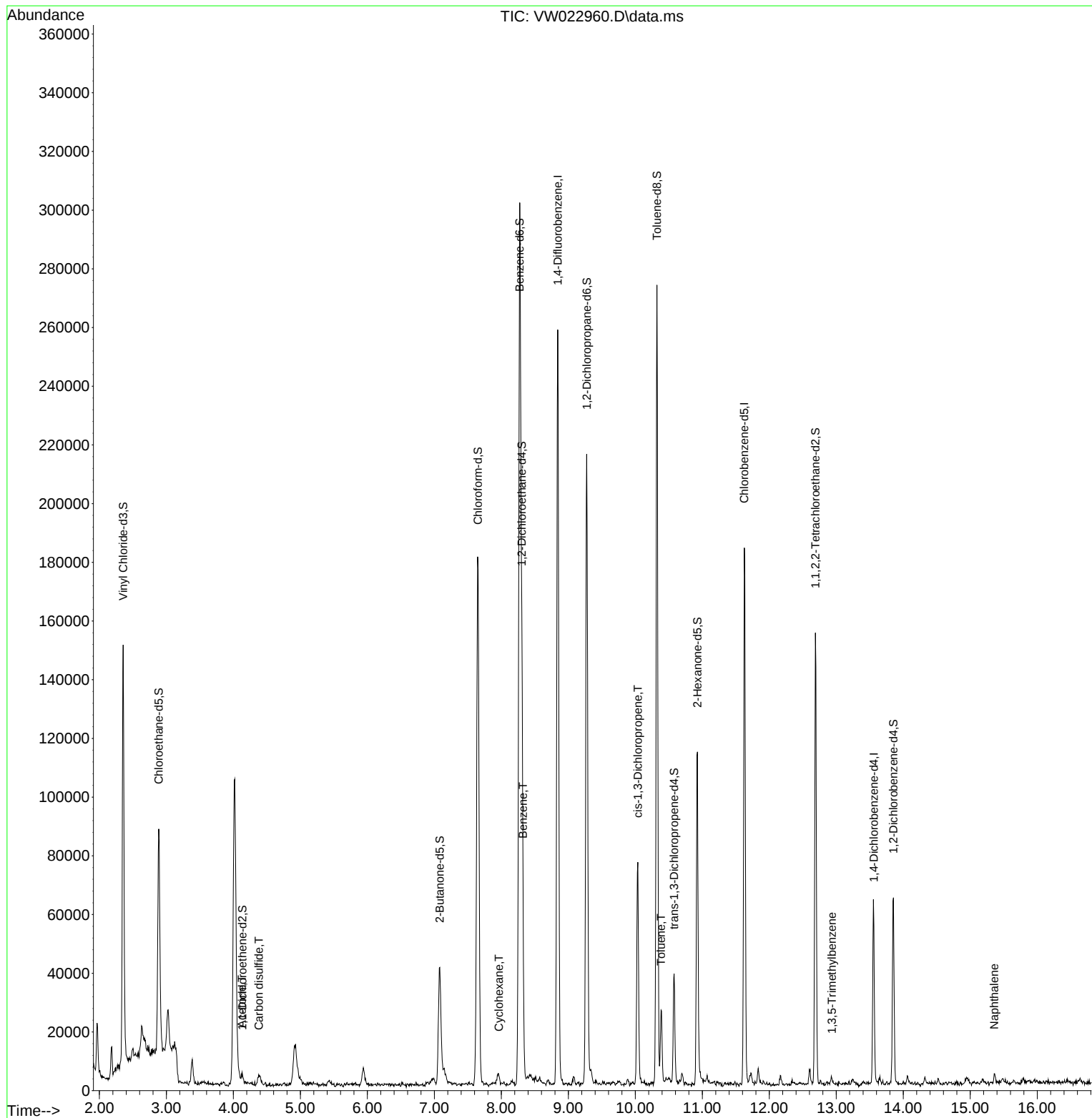
| Compound                      |        | R.T.   | QIon     | Response | Conc        | Units  | Dev(Min) |
|-------------------------------|--------|--------|----------|----------|-------------|--------|----------|
| -----                         |        |        |          |          |             |        |          |
| Internal Standards            |        |        |          |          |             |        |          |
| 1) 1,4-Difluorobenzene        |        | 8.842  | 114      | 216236   | 25.000      | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          |        | 11.628 | 117      | 99806    | 25.000      | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    |        | 13.560 | 152      | 14763    | 25.000      | ug/L   | 0.00     |
|                               |        |        |          |          |             |        |          |
| System Monitoring Compounds   |        |        |          |          |             |        |          |
| 4) Vinyl Chloride-d3          |        | 2.355  | 65       | 115685   | 26.076      | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 30 - 150 | Recovery | = 104.320%  |        |          |
| 7) Chloroethane-d5            |        | 2.885  | 69       | 92272    | 31.970      | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 30 - 150 | Recovery | = 127.880%  |        |          |
| 11) 1,1-Dichloroethene-d2     |        | 4.135  | 63       | 182      | 0.032       | ug/L   | 0.12     |
| Spiked Amount                 | 25.000 | Range  | 45 - 110 | Recovery | = 0.120%#   |        |          |
| 21) 2-Butanone-d5             |        | 7.080  | 46       | 65463    | 77.609      | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range  | 20 - 135 | Recovery | = 155.220%# |        |          |
| 24) Chloroform-d              |        | 7.653  | 84       | 179327   | 28.306      | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 40 - 150 | Recovery | = 113.240%  |        |          |
| 26) 1,2-Dichloroethane-d4     |        | 8.305  | 65       | 100640   | 28.964      | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 70 - 130 | Recovery | = 115.840%  |        |          |
| 32) Benzene-d6                |        | 8.275  | 84       | 301288   | 52.373      | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 20 - 135 | Recovery | = 209.480%# |        |          |
| 36) 1,2-Dichloropropane-d6    |        | 9.275  | 67       | 94725    | 58.618      | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 70 - 120 | Recovery | = 234.480%# |        |          |
| 41) Toluene-d8                |        | 10.323 | 98       | 176809   | 31.816      | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 30 - 130 | Recovery | = 127.280%  |        |          |
| 43) trans-1,3-Dichloroprop... |        | 10.579 | 79       | 20176    | 27.116      | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 30 - 135 | Recovery | = 108.480%  |        |          |
| 47) 2-Hexanone-d5             |        | 10.927 | 63       | 38640    | 125.257     | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range  | 20 - 135 | Recovery | = 250.520%# |        |          |
| 56) 1,1,2,2-Tetrachloroeth... |        | 12.689 | 84       | 73019    | 48.479      | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 45 - 120 | Recovery | = 193.920%# |        |          |
| 66) 1,2-Dichlorobenzene-d4    |        | 13.853 | 152      | 15542    | 30.116      | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 75 - 120 | Recovery | = 120.480%# |        |          |
|                               |        |        |          |          |             |        |          |
| Target Compounds              |        |        |          |          |             |        | Qvalue   |
| 13) Acetone                   |        | 4.129  | 43       | 4083     | 6.465       | ug/L   | 80       |
| 14) Carbon disulfide          |        | 4.379  | 76       | 7280     | 0.959       | ug/L   | 98       |
| 29) Cyclohexane               |        | 7.964  | 56       | 1325     | 0.614       | ug/L # | 75       |
| 33) Benzene                   |        | 8.323  | 78       | 5006     | 0.851       | ug/L   | 100      |
| 39) cis-1,3-Dichloropropene   |        | 10.037 | 75       | 2349     | 1.065       | ug/L # | 71       |
| 42) Toluene                   |        | 10.384 | 91       | 16815    | 2.552       | ug/L   | 98       |
| 62) 1,3,5-Trimethylbenzene    |        | 12.932 | 105      | 454      | 0.403       | ug/L   | 90       |
| 71) Naphthalene               |        | 15.359 | 128      | 2565     | 2.448       | ug/L # | 80       |
| -----                         |        |        |          |          |             |        |          |

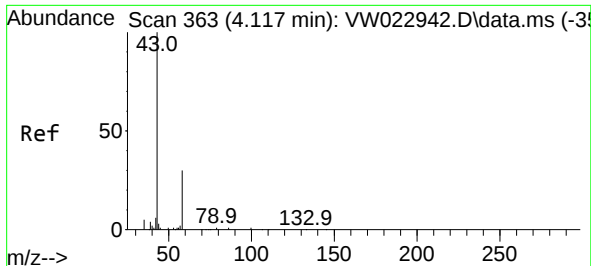
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0  
QLast Update : Wed May 11 01:19:10 2022  
Response via : Initial Calibration

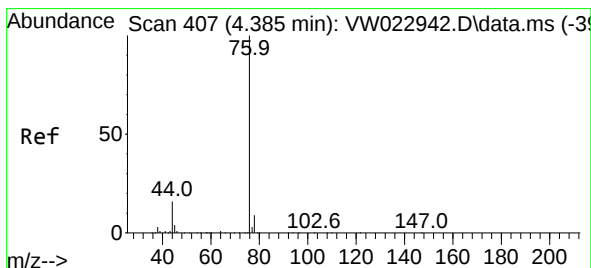
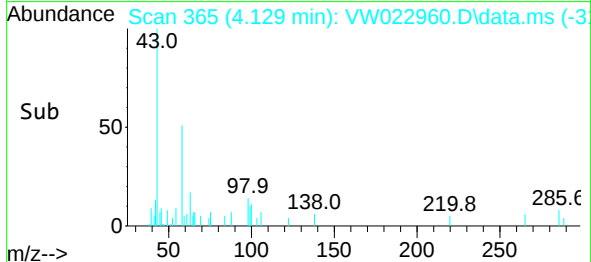
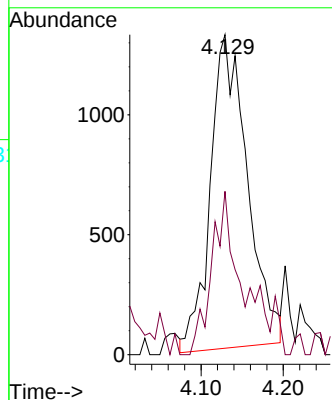
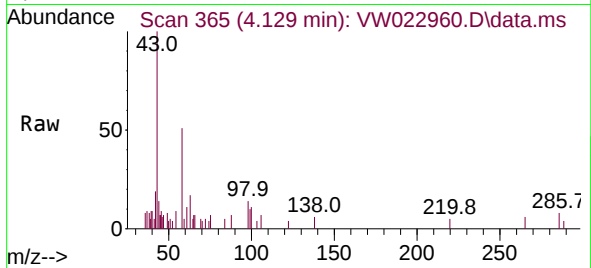




#13  
Acetone  
Concen: 6.465 ug/L  
RT: 4.129 min Scan# 365  
Delta R.T. 0.012 min  
Lab File: VW022960.D  
Acq: 10 May 2022 17:01

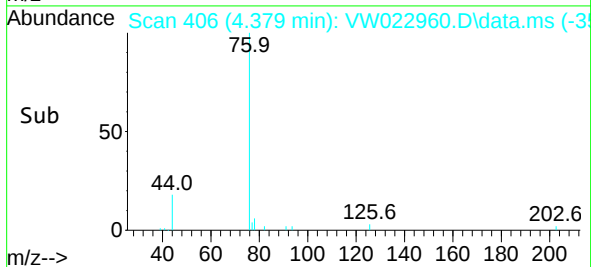
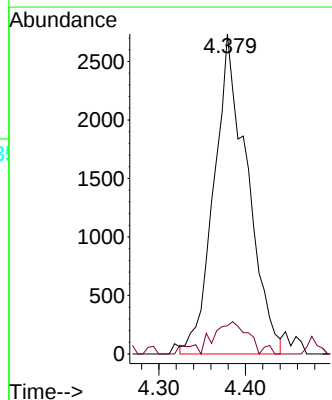
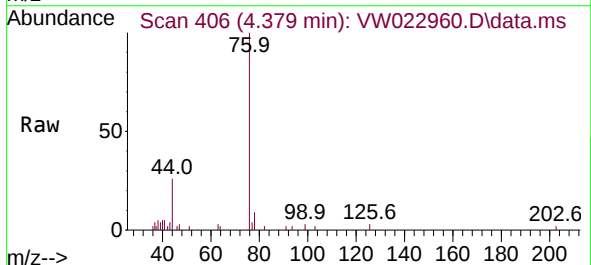
Instrument :  
MSVOA\_W  
ClientSampleId :  
EW4F5

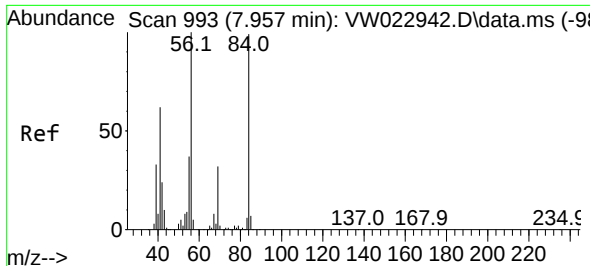
Tgt Ion: 43 Resp: 4083  
Ion Ratio Lower Upper  
43 100  
58 21.1 0.0 64.0



#14  
Carbon disulfide  
Concen: 0.959 ug/L  
RT: 4.379 min Scan# 406  
Delta R.T. -0.006 min  
Lab File: VW022960.D  
Acq: 10 May 2022 17:01

Tgt Ion: 76 Resp: 7280  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.7 11.5





#29

Cyclohexane

Concen: 0.614 ug/L

RT: 7.964 min Scan# 993

Delta R.T. 0.006 min

Lab File: VW022960.D

Acq: 10 May 2022 17:01

Instrument :

MSVOA\_W

ClientSampleId :

EW4F5

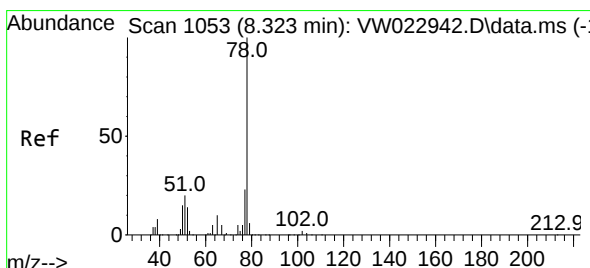
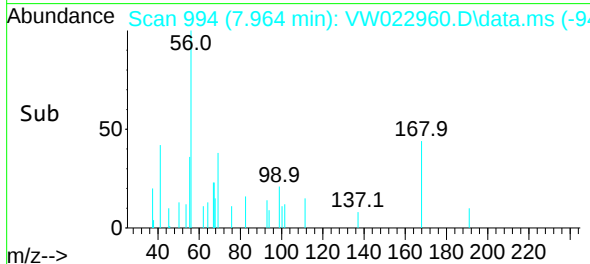
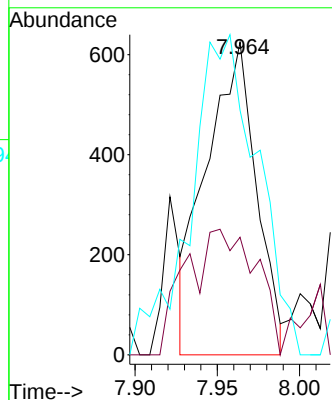
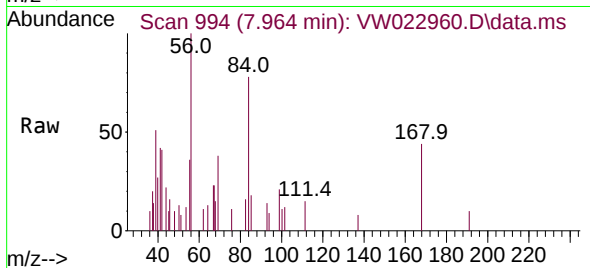
Tgt Ion: 56 Resp: 1325

Ion Ratio Lower Upper

56 100

69 39.2 25.6 38.4#

84 126.2 78.2 117.4#



#33

Benzene

Concen: 0.851 ug/L

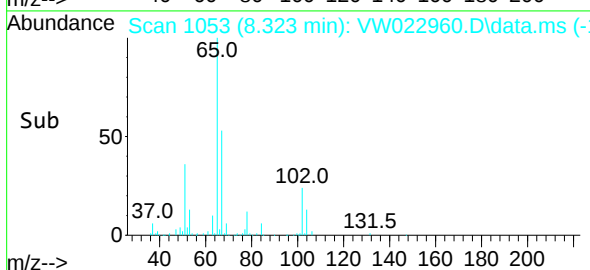
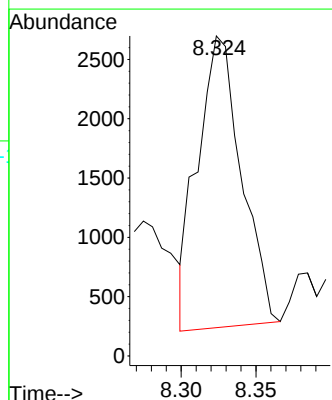
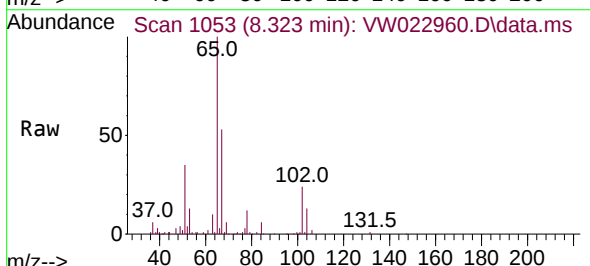
RT: 8.323 min Scan# 1053

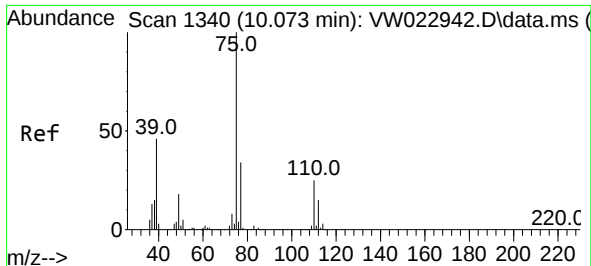
Delta R.T. 0.000 min

Lab File: VW022960.D

Acq: 10 May 2022 17:01

Tgt Ion: 78 Resp: 5006





#39

cis-1,3-Dichloropropene

Concen: 1.065 ug/L

RT: 10.037 min Scan# 11

Delta R.T. -0.036 min

Lab File: VW022960.D

Acq: 10 May 2022 17:01

Instrument :

MSVOA\_W

ClientSampleId :

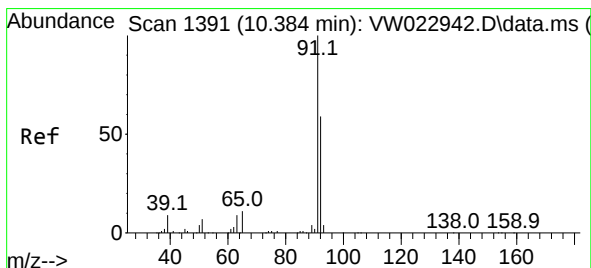
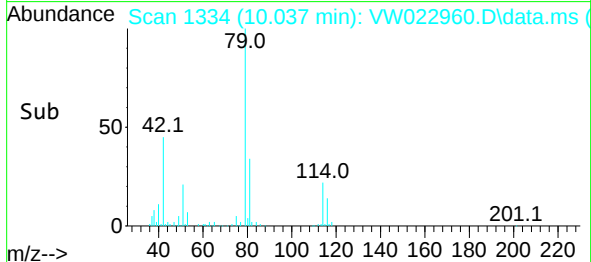
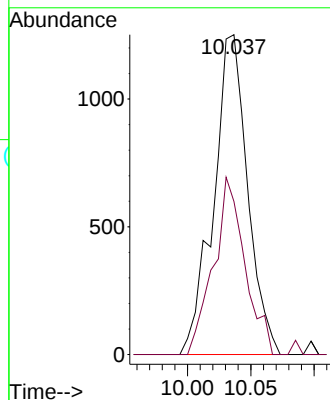
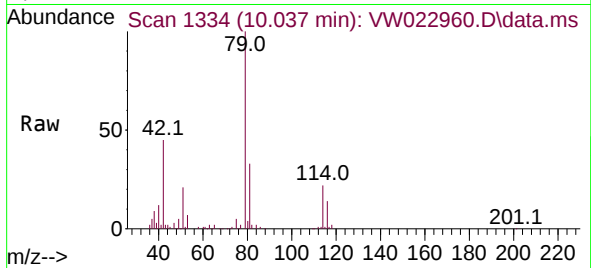
EW4F5

Tgt Ion: 75 Resp: 2349

Ion Ratio Lower Upper

75 100

77 47.8 22.1 41.1#



#42

Toluene

Concen: 2.552 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW022960.D

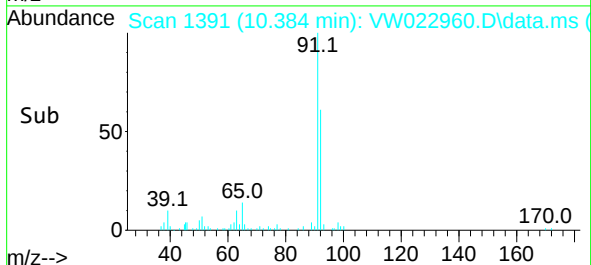
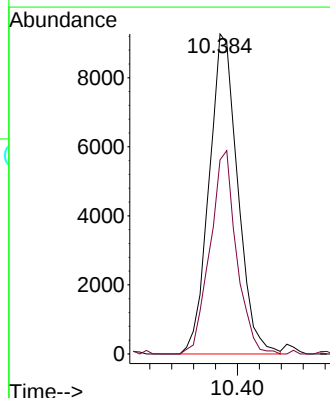
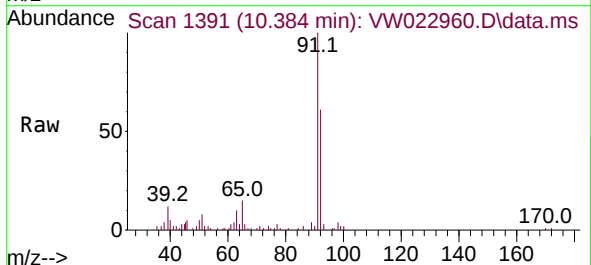
Acq: 10 May 2022 17:01

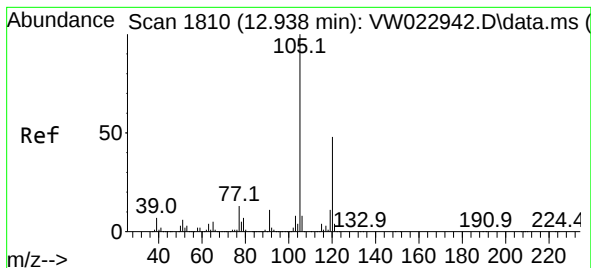
Tgt Ion: 91 Resp: 16815

Ion Ratio Lower Upper

91 100

92 60.7 41.6 77.2

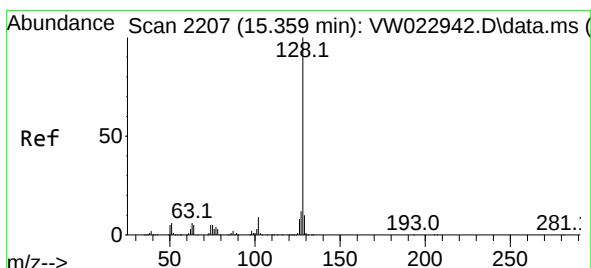
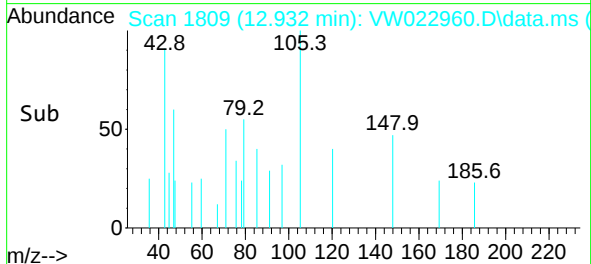
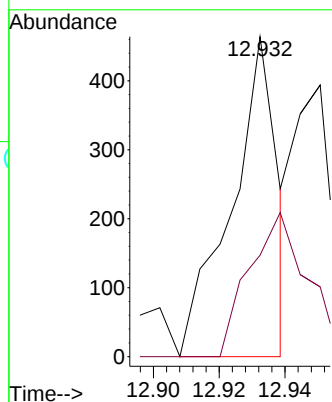
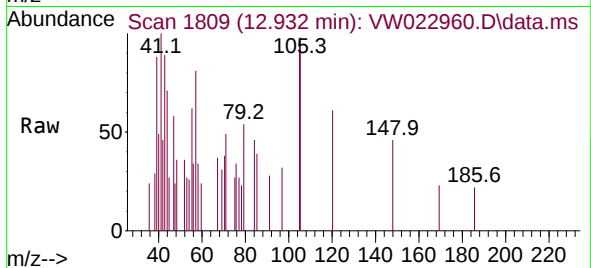




#62  
1,3,5-Trimethylbenzene  
Concen: 0.403 ug/L  
RT: 12.932 min Scan# 1809  
Delta R.T. -0.006 min  
Lab File: VW022960.D  
Acq: 10 May 2022 17:01

Instrument :  
MSVOA\_W  
ClientSampleId :  
EW4F5

Tgt Ion:105 Resp: 454  
Ion Ratio Lower Upper  
105 100  
120 55.3 38.9 58.3



#71  
Naphthalene  
Concen: 2.448 ug/L  
RT: 15.359 min Scan# 2207  
Delta R.T. 0.000 min  
Lab File: VW022960.D  
Acq: 10 May 2022 17:01

Tgt Ion:128 Resp: 2565  
Ion Ratio Lower Upper  
128 100  
127 20.2 10.6 16.0#  
129 1.8 8.7 13.1#

