

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW070224\  
 Data File : VW029442.D  
 Acq On : 02 Jul 2024 14:19  
 Operator : SY/MD  
 Sample : P3088-14  
 Misc : 4.94g/10mL/MSVOA\_W/SOIL/B  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Jul 03 05:43:29 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM061824SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jul 03 05:41:51 2024  
 Response via : Initial Calibration

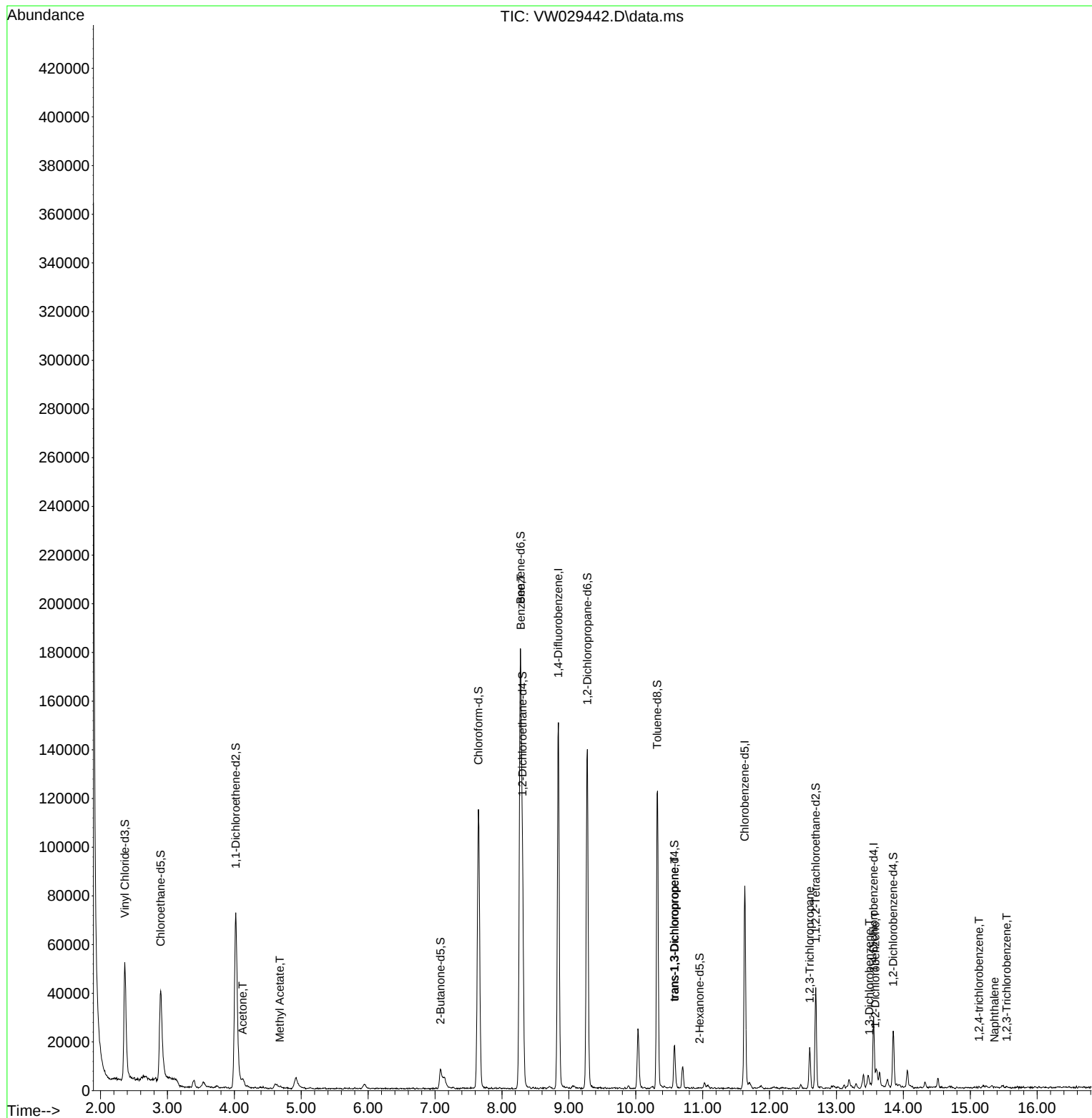
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 115634   | 25.000   | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 43424    | 25.000   | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 6407     | 25.000   | ug/L   | 0.00      |
|                               |        |       |          |          |        |           |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 69975    | 43.720   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 174.880%# |
| 7) Chloroethane-d5            | 2.899  | 69    | 59407    | 43.954   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 175.800%# |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 25974    | 33.611   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 134.440%# |
| 21) 2-Butanone-d5             | 7.081  | 46    | 13185    | 27.535   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 55.060%   |
| 24) Chloroform-d              | 7.648  | 84    | 112547   | 32.628   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 130.520%  |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 68892    | 34.786   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 139.160%# |
| 32) Benzene-d6                | 8.276  | 84    | 174356   | 66.105   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 264.400%# |
| 36) 1,2-Dichloropropane-d6    | 9.276  | 67    | 63279    | 75.473   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 301.880%# |
| 41) Toluene-d8                | 10.319 | 98    | 79897    | 34.238   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 136.960%# |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 9670     | 28.621   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 114.480%  |
| 47) 2-Hexanone-d5             | 10.953 | 63    | 57       | 0.434    | ug/L   | 0.03      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 0.860%#   |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 19794    | 29.663   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 118.640%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.849 | 152   | 5424     | 24.389   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 97.560%   |
|                               |        |       |          |          |        |           |
| Target Compounds              |        |       |          |          |        | Qvalue    |
| 13) Acetone                   | 4.125  | 43    | 2571     | 6.318    | ug/L   | 64        |
| 15) Methyl Acetate            | 4.679  | 43    | 762      | 0.943    | ug/L # | 88        |
| 33) Benzene                   | 8.283  | 78    | 1494     | 0.573    | ug/L   | 100       |
| 44) trans-1,3-Dichloropropene | 10.581 | 75    | 668      | 0.763    | ug/L # | 61        |
| 61) 1,2,3-Trichloropropane    | 12.599 | 75    | 224      | 1.603    | ug/L # | 81        |
| 64) 1,3-Dichlorobenzene       | 13.489 | 146   | 115      | 0.311    | ug/L # | 65        |
| 67) 1,2-Dichlorobenzene       | 13.580 | 146   | 147      | 0.430    | ug/L # | 86        |
| 70) 1,2,4-trichlorobenzene    | 15.129 | 180   | 76       | 0.376    | ug/L # | 18        |
| 71) Naphthalene               | 15.361 | 128   | 412      | 1.033    | ug/L # | 69        |
| 72) 1,2,3-Trichlorobenzene    | 15.543 | 180   | 82       | 0.445    | ug/L # | 68        |
| -----                         |        |       |          |          |        |           |

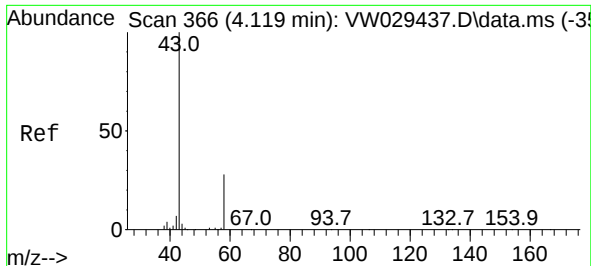
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0  
QLast Update : Wed Jul 03 05:41:51 2024  
Response via : Initial Calibration

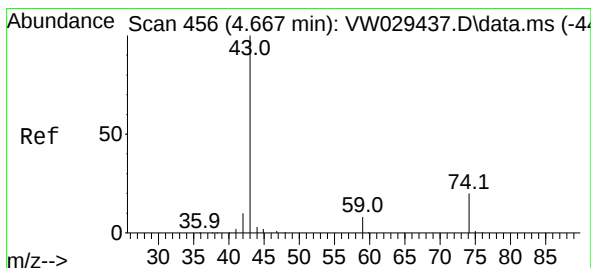
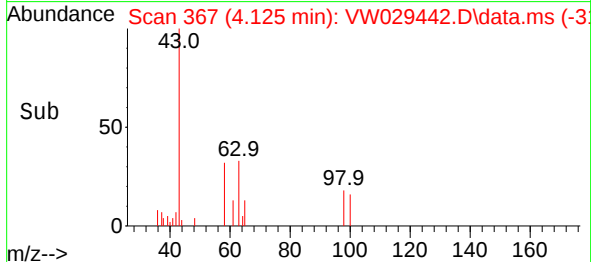
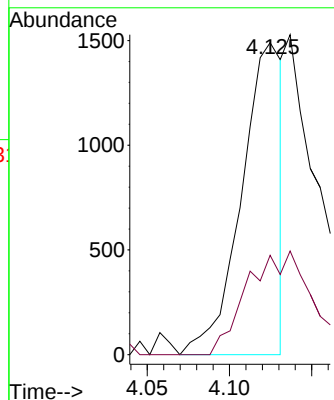
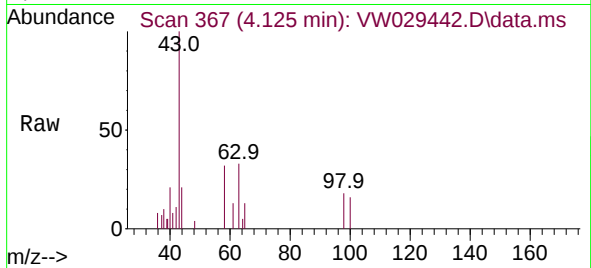




#13  
Acetone  
Concen: 6.318 ug/L  
RT: 4.125 min Scan# 367  
Delta R.T. 0.006 min  
Lab File: VW029442.D  
Acq: 02 Jul 2024 14:19

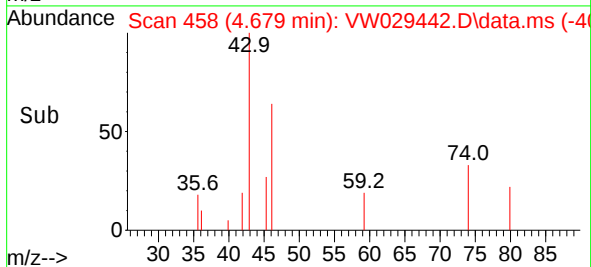
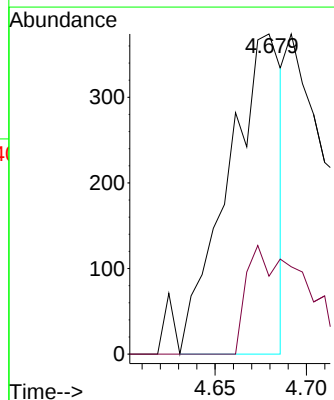
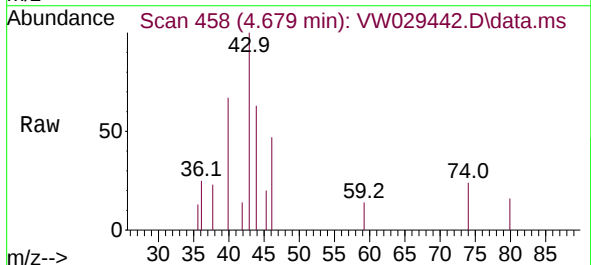
Instrument :  
MSVOA\_W  
ClientSampleId :

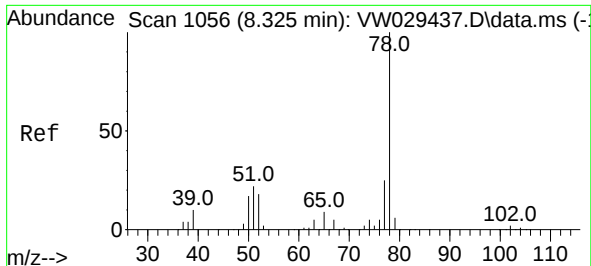
Tgt Ion: 43 Resp: 2571  
Ion Ratio Lower Upper  
43 100  
58 50.6 0.0 61.4



#15  
Methyl Acetate  
Concen: 0.943 ug/L  
RT: 4.679 min Scan# 458  
Delta R.T. 0.012 min  
Lab File: VW029442.D  
Acq: 02 Jul 2024 14:19

Tgt Ion: 43 Resp: 762  
Ion Ratio Lower Upper  
43 100  
74 15.1 16.6 25.0#





#33

Benzene

Concen: 0.573 ug/L

RT: 8.283 min Scan# 1049

Delta R.T. -0.043 min

Lab File: VW029442.D

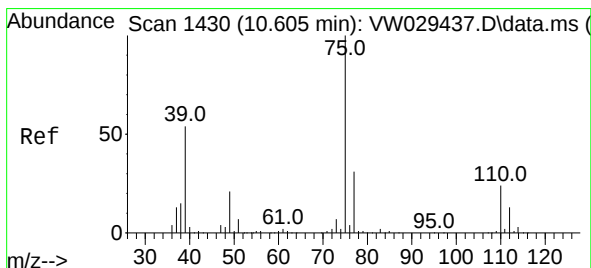
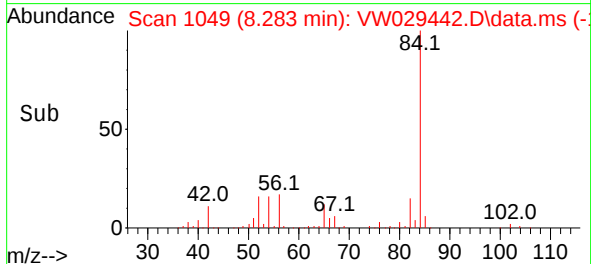
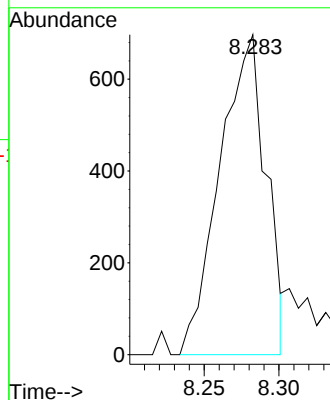
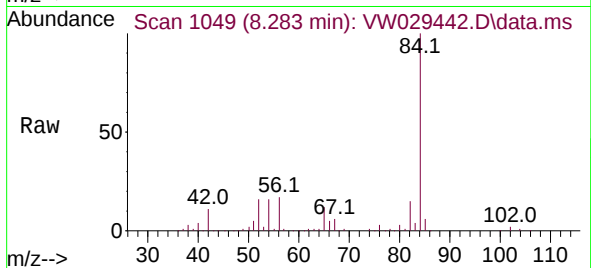
Acq: 02 Jul 2024 14:19

Instrument :

MSVOA\_W

ClientSampleId :

Tgt Ion: 78 Resp: 1494



#44

trans-1,3-Dichloropropene

Concen: 0.763 ug/L

RT: 10.581 min Scan# 1426

Delta R.T. -0.024 min

Lab File: VW029442.D

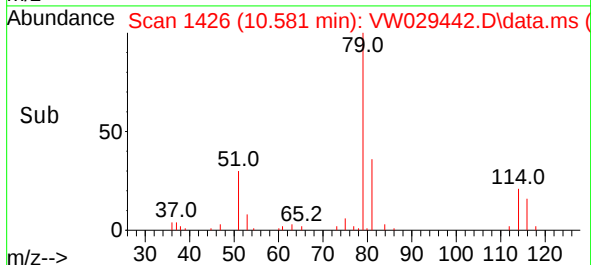
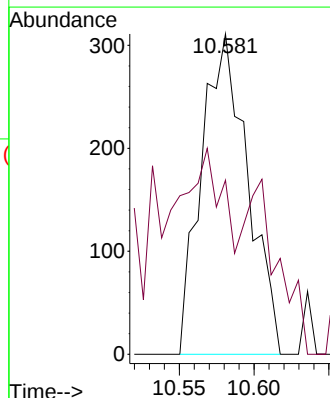
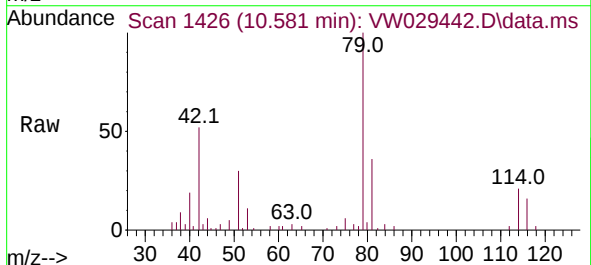
Acq: 02 Jul 2024 14:19

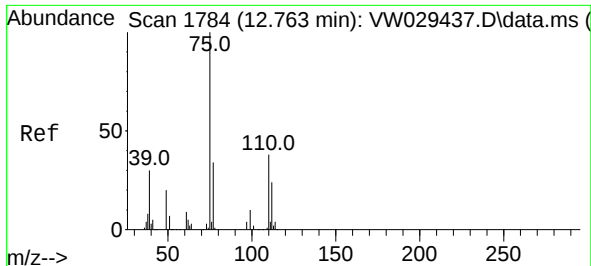
Tgt Ion: 75 Resp: 668

Ion Ratio Lower Upper

75 100

77 54.3 22.7 42.1#





#61

1,2,3-Trichloropropane

Concen: 1.603 ug/L

RT: 12.599 min Scan# 1757

Delta R.T. -0.164 min

Lab File: VW029442.D

Acq: 02 Jul 2024 14:19

Instrument :

MSVOA\_W

ClientSampleId :

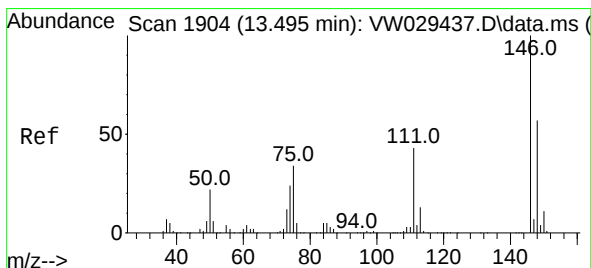
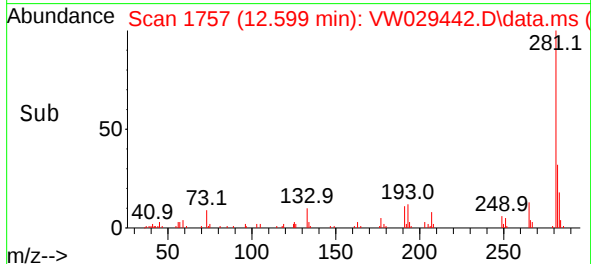
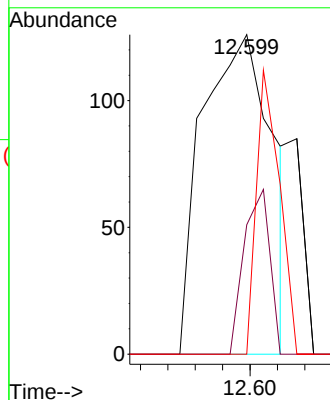
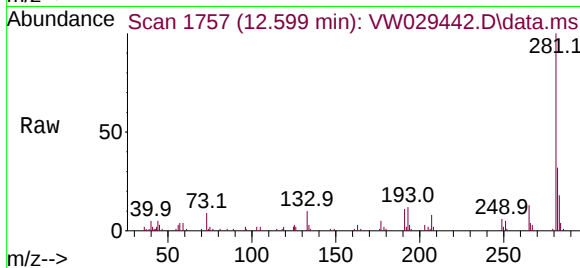
Tgt Ion: 75 Resp: 224

Ion Ratio Lower Upper

75 100

77 18.8 26.6 39.8#

110 29.0 29.5 44.3#



#64

1,3-Dichlorobenzene

Concen: 0.311 ug/L

RT: 13.489 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VW029442.D

Acq: 02 Jul 2024 14:19

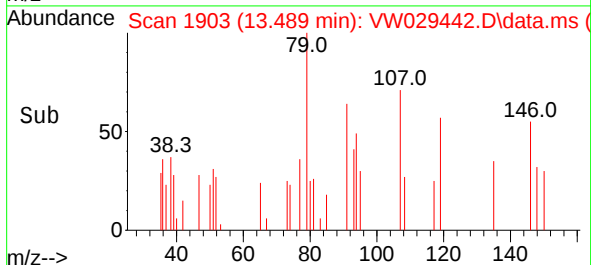
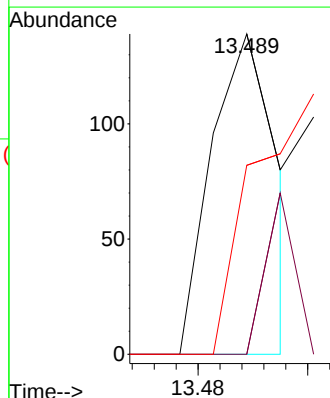
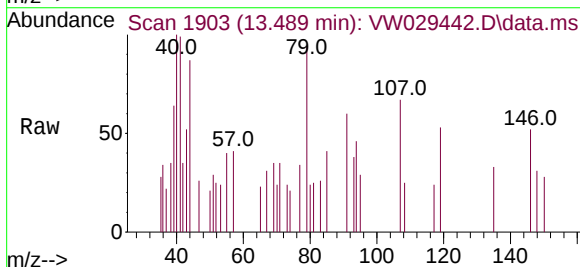
Tgt Ion:146 Resp: 115

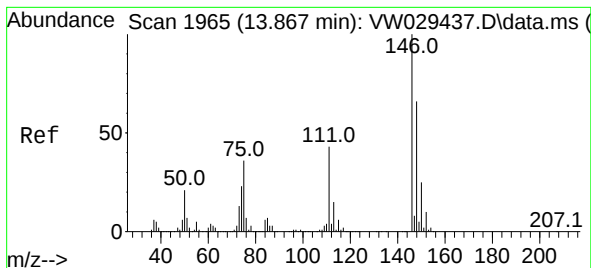
Ion Ratio Lower Upper

146 100

111 0.0 33.0 61.2#

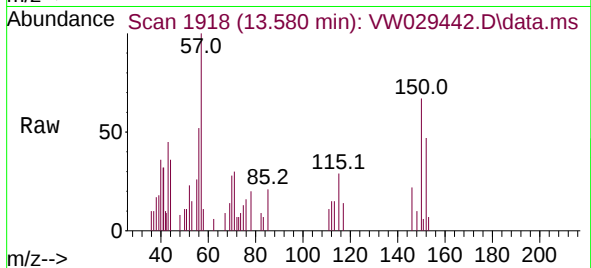
148 59.0 47.5 88.1



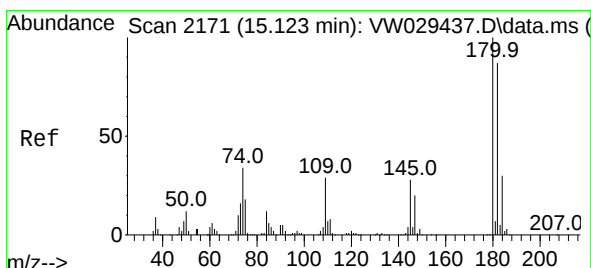
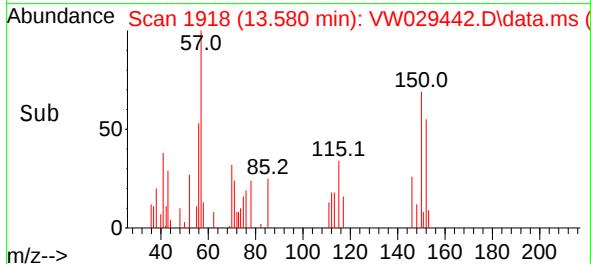
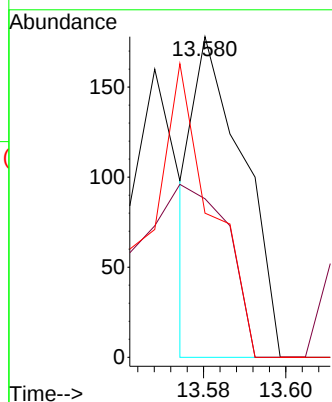


#67  
1,2-Dichlorobenzene  
Concen: 0.430 ug/L  
RT: 13.580 min Scan# 1918  
Delta R.T. -0.286 min  
Lab File: VW029442.D  
Acq: 02 Jul 2024 14:19

Instrument :  
MSVOA\_W  
ClientSampleId :

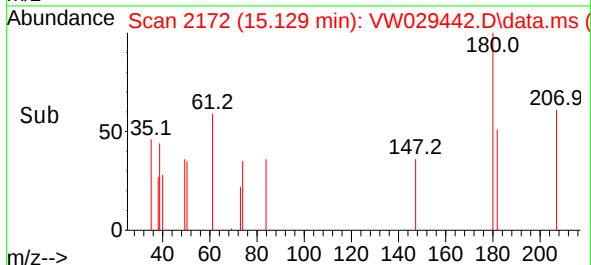
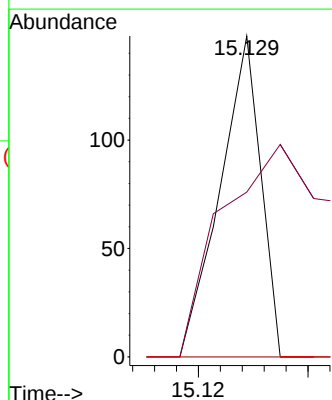
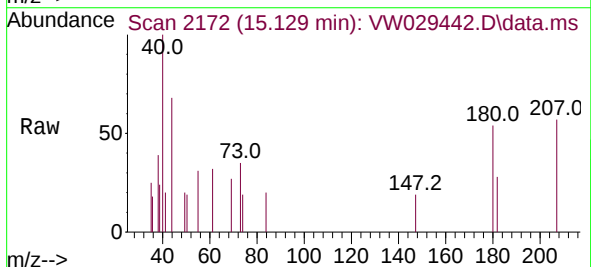


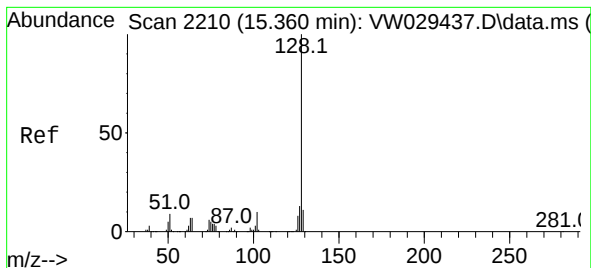
Tgt Ion:146 Resp: 147  
Ion Ratio Lower Upper  
146 100  
111 49.4 34.2 51.4  
148 44.9 46.3 69.5#



#70  
1,2,4-trichlorobenzene  
Concen: 0.376 ug/L  
RT: 15.129 min Scan# 2172  
Delta R.T. 0.006 min  
Lab File: VW029442.D  
Acq: 02 Jul 2024 14:19

Tgt Ion:180 Resp: 76  
Ion Ratio Lower Upper  
180 100  
182 185.5 77.7 116.5#  
145 0.0 25.7 38.5#





#71

Naphthalene

Concen: 1.033 ug/L

RT: 15.361 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW029442.D

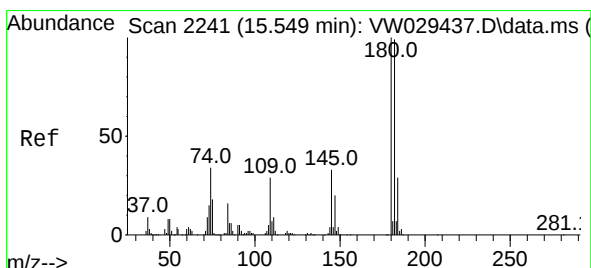
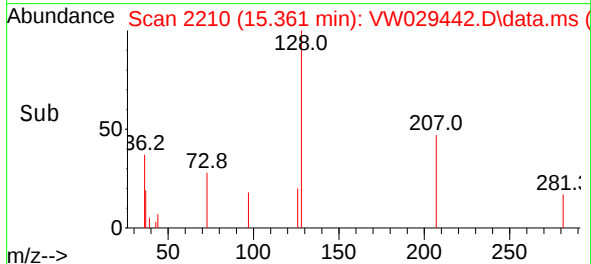
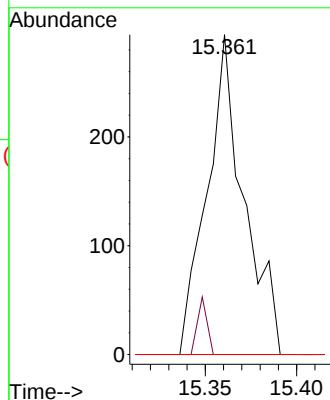
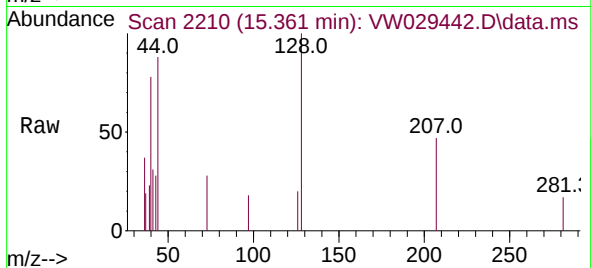
Acq: 02 Jul 2024 14:19

Instrument :

MSVOA\_W

ClientSampleId :

|             |       |       |
|-------------|-------|-------|
| Tgt Ion:128 | Resp: | 412   |
| Ion Ratio   | Lower | Upper |
| 128         | 100   |       |
| 127         | 0.0   | 10.3  |
| 129         | 0.0   | 8.9   |



#72

1,2,3-Trichlorobenzene

Concen: 0.445 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW029442.D

Acq: 02 Jul 2024 14:19

|             |       |       |
|-------------|-------|-------|
| Tgt Ion:180 | Resp: | 82    |
| Ion Ratio   | Lower | Upper |
| 180         | 100   |       |
| 182         | 70.7  | 73.0  |
| 145         | 0.0   | 28.1  |

