

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW100924\  
 Data File : VW030480.D  
 Acq On : 09 Oct 2024 17:59  
 Operator : SY/MD  
 Sample : P4346-06  
 Misc : 3.27g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Oct 10 01:30:26 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM100924SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Oct 10 01:29:22 2024  
 Response via : Initial Calibration

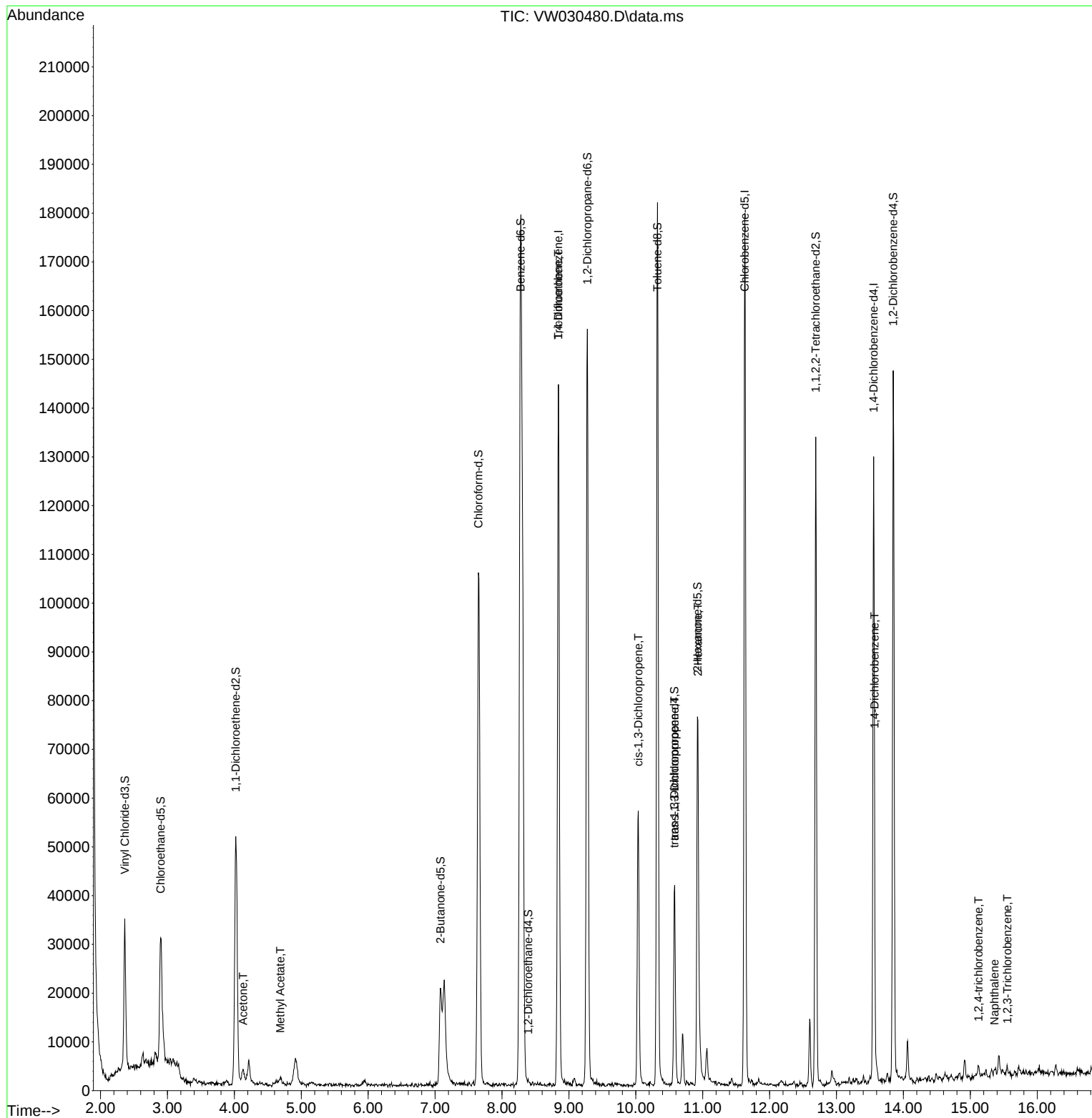
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 110921   | 25.000   | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 96764    | 25.000   | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 30067    | 25.000   | ug/L   | 0.00      |
|                               |        |       |          |          |        |           |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 33663    | 19.308   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 77.240%   |
| 7) Chloroethane-d5            | 2.899  | 69    | 38816    | 29.411   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 117.640%  |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 15973    | 22.027   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 88.120%   |
| 21) 2-Butanone-d5             | 7.081  | 46    | 32246    | 102.771  | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 205.540%# |
| 24) Chloroform-d              | 7.648  | 84    | 107104   | 33.764   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 135.040%  |
| 26) 1,2-Dichloroethane-d4     | 8.392  | 65    | 167      | 0.101    | ug/L   | 0.09      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 0.400%#   |
| 32) Benzene-d6                | 8.276  | 84    | 174196   | 31.017   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 124.080%  |
| 36) 1,2-Dichloropropane-d6    | 9.276  | 67    | 68216    | 41.383   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 165.520%# |
| 41) Toluene-d8                | 10.325 | 98    | 118661   | 23.145   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 92.560%   |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 22228    | 32.203   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 128.800%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 24794    | 116.781  | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 233.560%# |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 61504    | 50.805   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 203.240%# |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 35322    | 34.720   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 138.880%# |
|                               |        |       |          |          |        |           |
| Target Compounds              |        |       |          |          |        | Qvalue    |
| 13) Acetone                   | 4.131  | 43    | 5570     | 12.126   | ug/L   | 53        |
| 15) Methyl Acetate            | 4.685  | 43    | 1760     | 3.102    | ug/L   | 94        |
| 34) Trichloroethene           | 8.843  | 95    | 3643     | 2.080    | ug/L # | 6         |
| 39) cis-1,3-Dichloropropene   | 10.038 | 75    | 1905     | 0.803    | ug/L # | 64        |
| 44) trans-1,3-Dichloropropene | 10.581 | 75    | 1335     | 0.670    | ug/L # | 80        |
| 48) 2-Hexanone                | 10.928 | 43    | 4925     | 7.971    | ug/L # | 70        |
| 65) 1,4-Dichlorobenzene       | 13.568 | 146   | 851      | 0.407    | ug/L # | 63        |
| 70) 1,2,4-trichlorobenzene    | 15.123 | 180   | 428      | 0.398    | ug/L # | 73        |
| 71) Naphthalene               | 15.360 | 128   | 1473     | 0.792    | ug/L   | 94        |
| 72) 1,2,3-Trichlorobenzene    | 15.555 | 180   | 595      | 0.638    | ug/L # | 85        |
| -----                         |        |       |          |          |        |           |

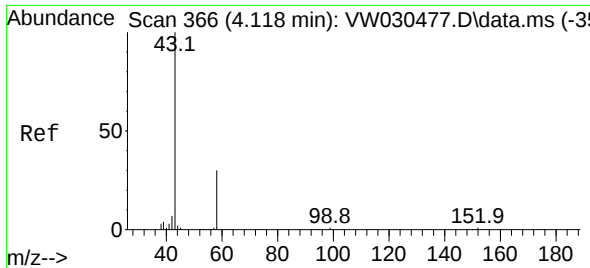
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

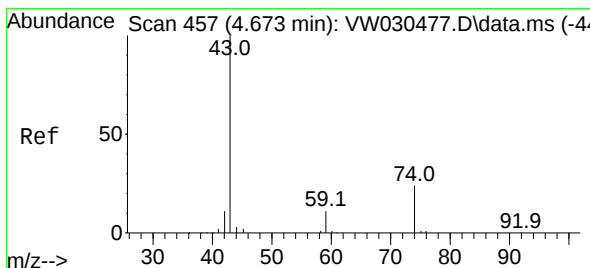
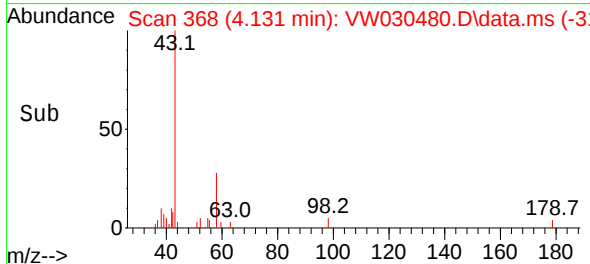
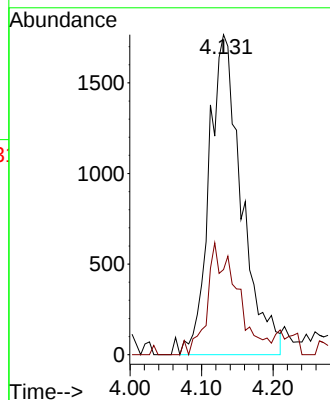
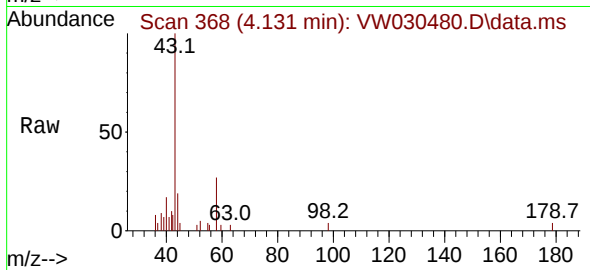




#13  
Acetone  
Concen: 12.126 ug/L  
RT: 4.131 min Scan# 368  
Delta R.T. 0.012 min  
Lab File: VW030480.D  
Acq: 09 Oct 2024 17:59

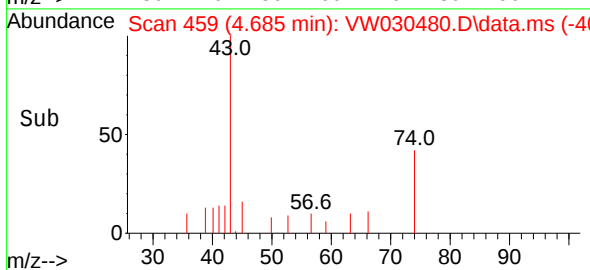
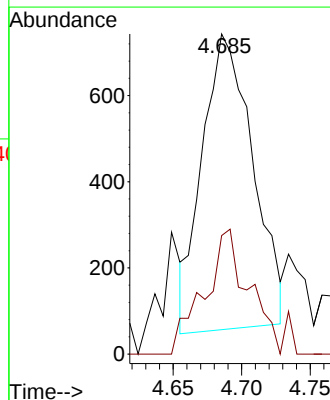
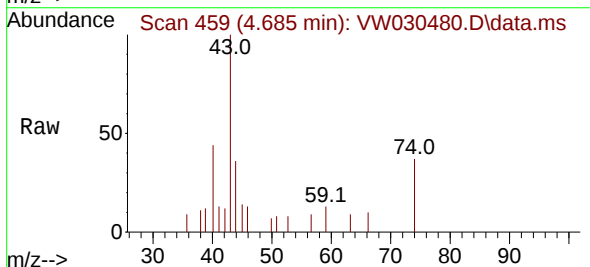
Instrument :  
MSVOA\_W  
ClientSampleId :

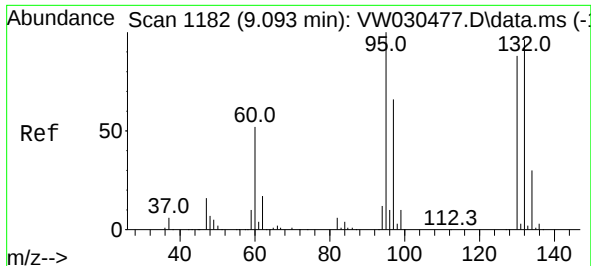
Tgt Ion: 43 Resp: 5570  
Ion Ratio Lower Upper  
43 100  
58 3.5 0.0 57.6



#15  
Methyl Acetate  
Concen: 3.102 ug/L  
RT: 4.685 min Scan# 459  
Delta R.T. 0.012 min  
Lab File: VW030480.D  
Acq: 09 Oct 2024 17:59

Tgt Ion: 43 Resp: 1760  
Ion Ratio Lower Upper  
43 100  
74 21.1 19.3 28.9





#34

Trichloroethene

Concen: 2.080 ug/L

RT: 8.843 min Scan# 1182

Delta R.T. -0.250 min

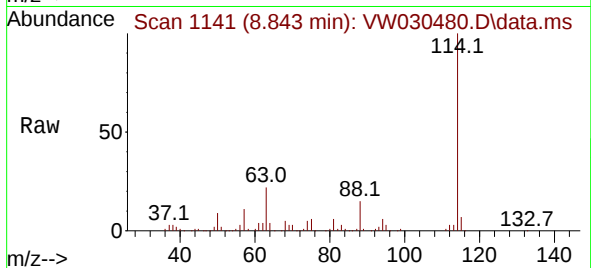
Lab File: VW030480.D

Acq: 09 Oct 2024 17:59

Instrument :

MSVOA\_W

ClientSampleId :



Tgt Ion: 95 Resp: 3643

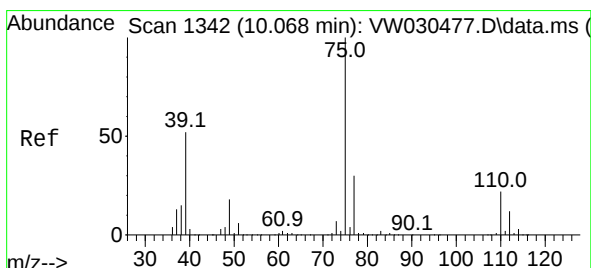
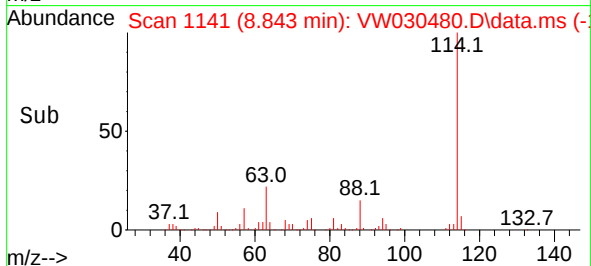
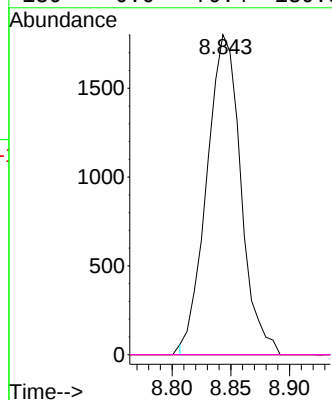
Ion Ratio Lower Upper

95 100

97 0.0 45.9 85.3#

132 3.8 66.4 123.2#

130 0.0 70.4 130.8#



#39

cis-1,3-Dichloropropene

Concen: 0.803 ug/L

RT: 10.038 min Scan# 1337

Delta R.T. -0.030 min

Lab File: VW030480.D

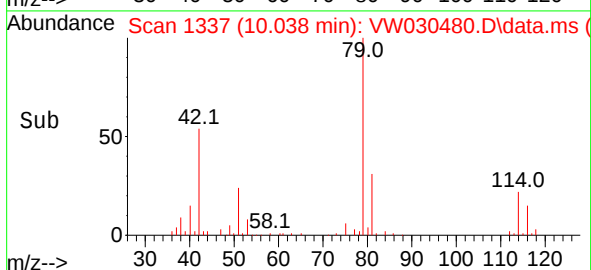
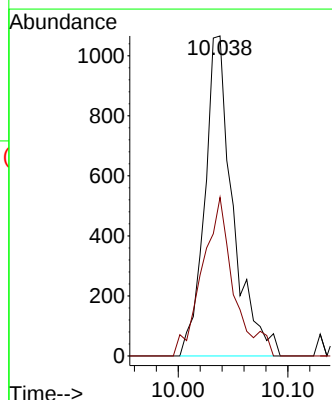
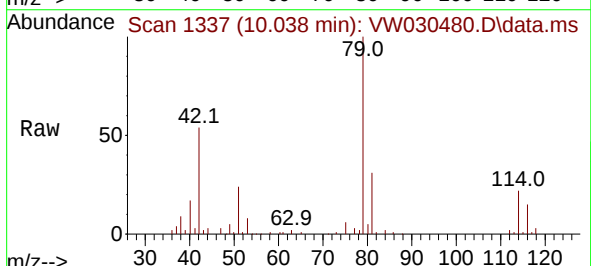
Acq: 09 Oct 2024 17:59

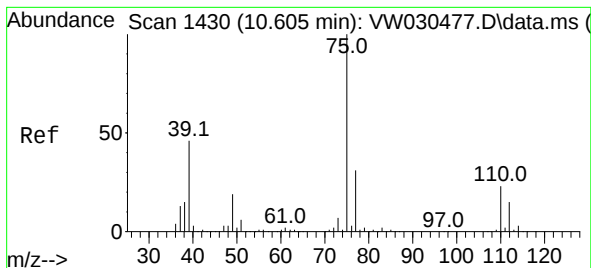
Tgt Ion: 75 Resp: 1905

Ion Ratio Lower Upper

75 100

77 49.5 21.1 39.1#





#44

trans-1,3-Dichloropropene

Concen: 0.670 ug/L

RT: 10.581 min Scan# 1426

Delta R.T. -0.024 min

Lab File: VW030480.D

Acq: 09 Oct 2024 17:59

Instrument :

MSVOA\_W

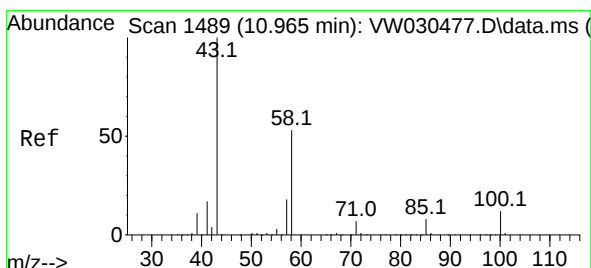
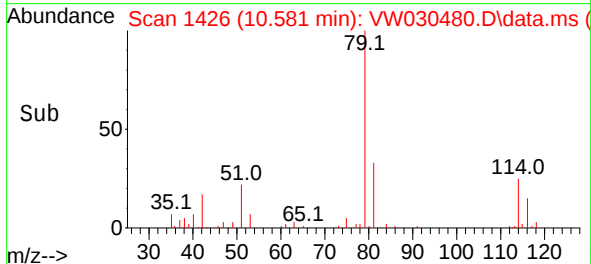
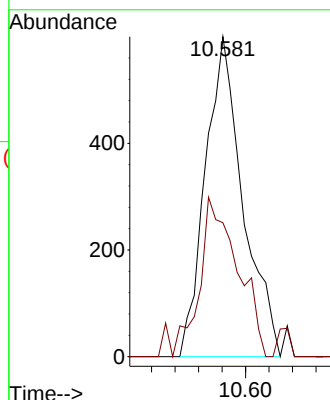
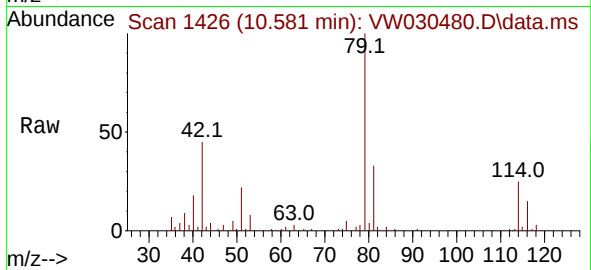
ClientSampleId :

Tgt Ion: 75 Resp: 1335

Ion Ratio Lower Upper

75 100

77 41.8 21.6 40.2#



#48

2-Hexanone

Concen: 7.971 ug/L

RT: 10.928 min Scan# 1483

Delta R.T. -0.036 min

Lab File: VW030480.D

Acq: 09 Oct 2024 17:59

Tgt Ion: 43 Resp: 4925

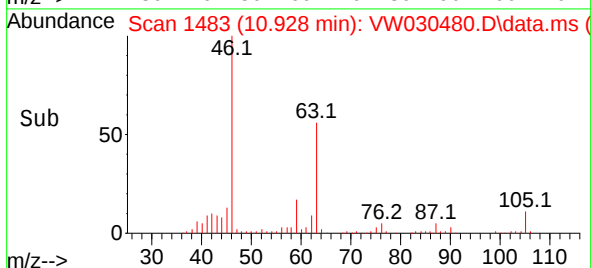
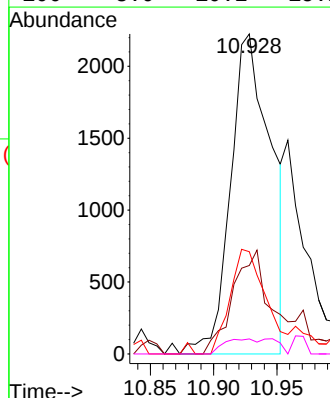
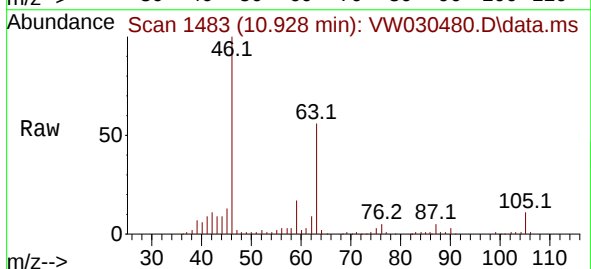
Ion Ratio Lower Upper

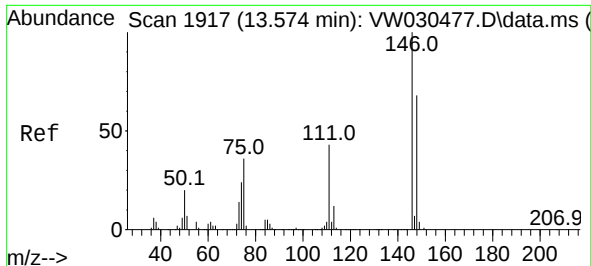
43 100

58 29.9 44.6 67.0#

57 29.1 15.8 23.8#

100 3.9 10.2 15.2#





#65

1,4-Dichlorobenzene

Concen: 0.407 ug/L

RT: 13.568 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW030480.D

Acq: 09 Oct 2024 17:59

Instrument :

MSVOA\_W

ClientSampleId :

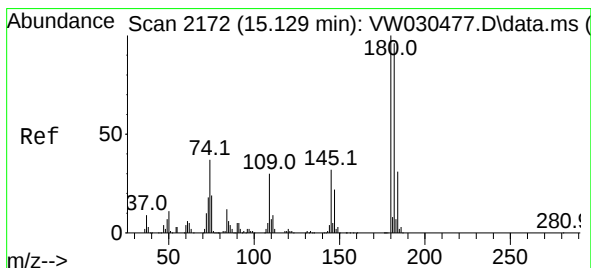
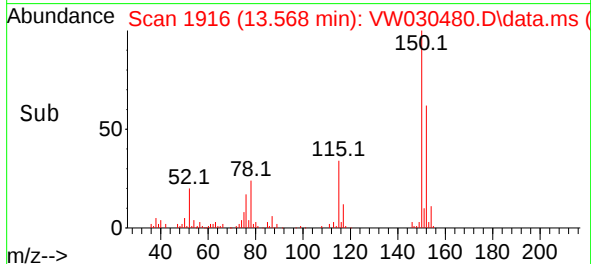
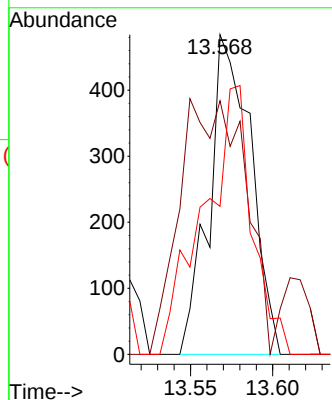
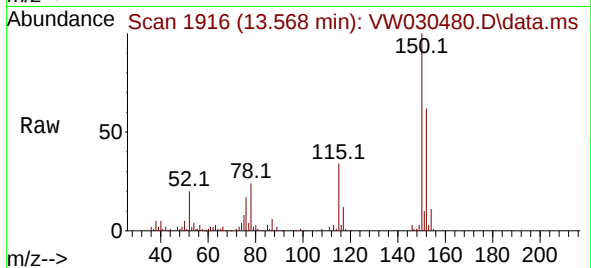
Tgt Ion:146 Resp: 851

Ion Ratio Lower Upper

146 100

111 79.3 26.8 49.8#

148 46.3 41.0 76.2



#70

1,2,4-trichlorobenzene

Concen: 0.398 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW030480.D

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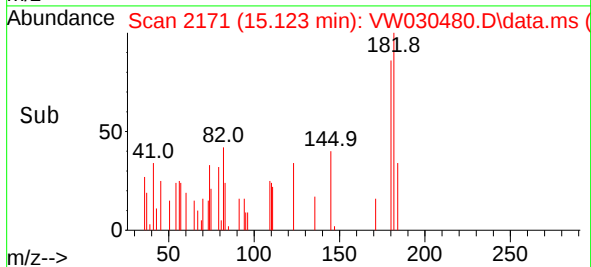
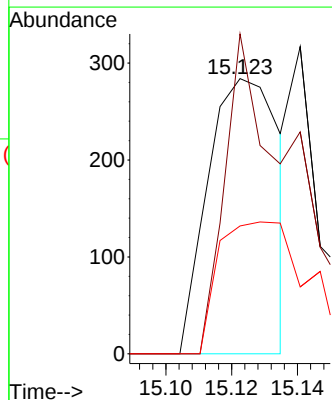
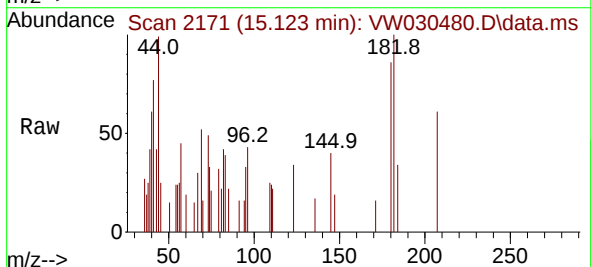
Tgt Ion:180 Resp: 428

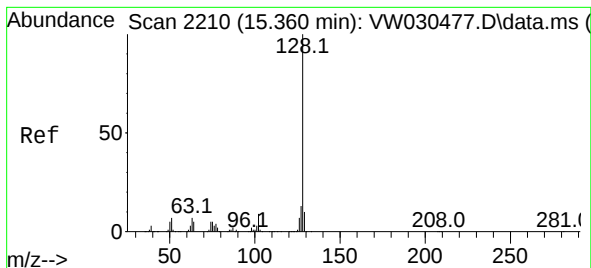
Ion Ratio Lower Upper

180 100

182 74.8 75.2 112.8#

145 57.5 25.4 38.2#





#71

Naphthalene

Concen: 0.792 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW030480.D

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MSVOA\_W

ClientSampleId :

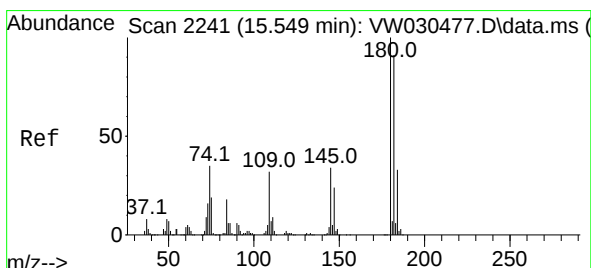
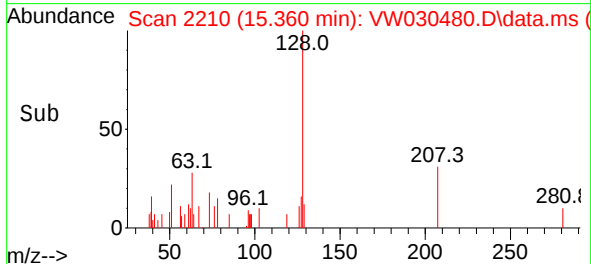
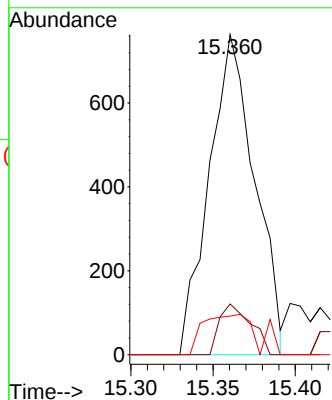
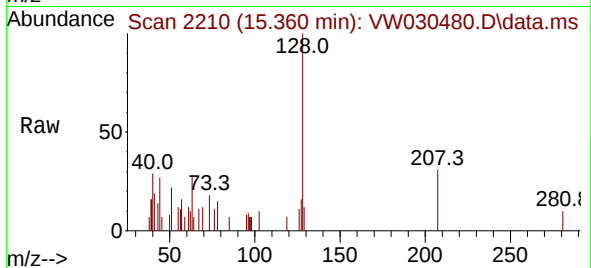
Tgt Ion:128 Resp: 1473

Ion Ratio Lower Upper

128 100

127 11.0 10.9 16.3

129 12.8 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 0.638 ug/L

RT: 15.555 min Scan# 2242

Delta R.T. 0.006 min

Lab File: VW030480.D

Acq: 09 Oct 2024 17:59

Tgt Ion:180 Resp: 595

Ion Ratio Lower Upper

180 100

182 80.2 76.2 114.4

145 26.4 27.4 41.2#

