

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW121824\  
 Data File : VW031349.D  
 Acq On : 18 Dec 2024 18:52  
 Operator : SY/MD  
 Sample : P5265-18  
 Misc : 8.13g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Dec 19 00:26:46 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM121324SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Dec 19 00:20:44 2024  
 Response via : Initial Calibration

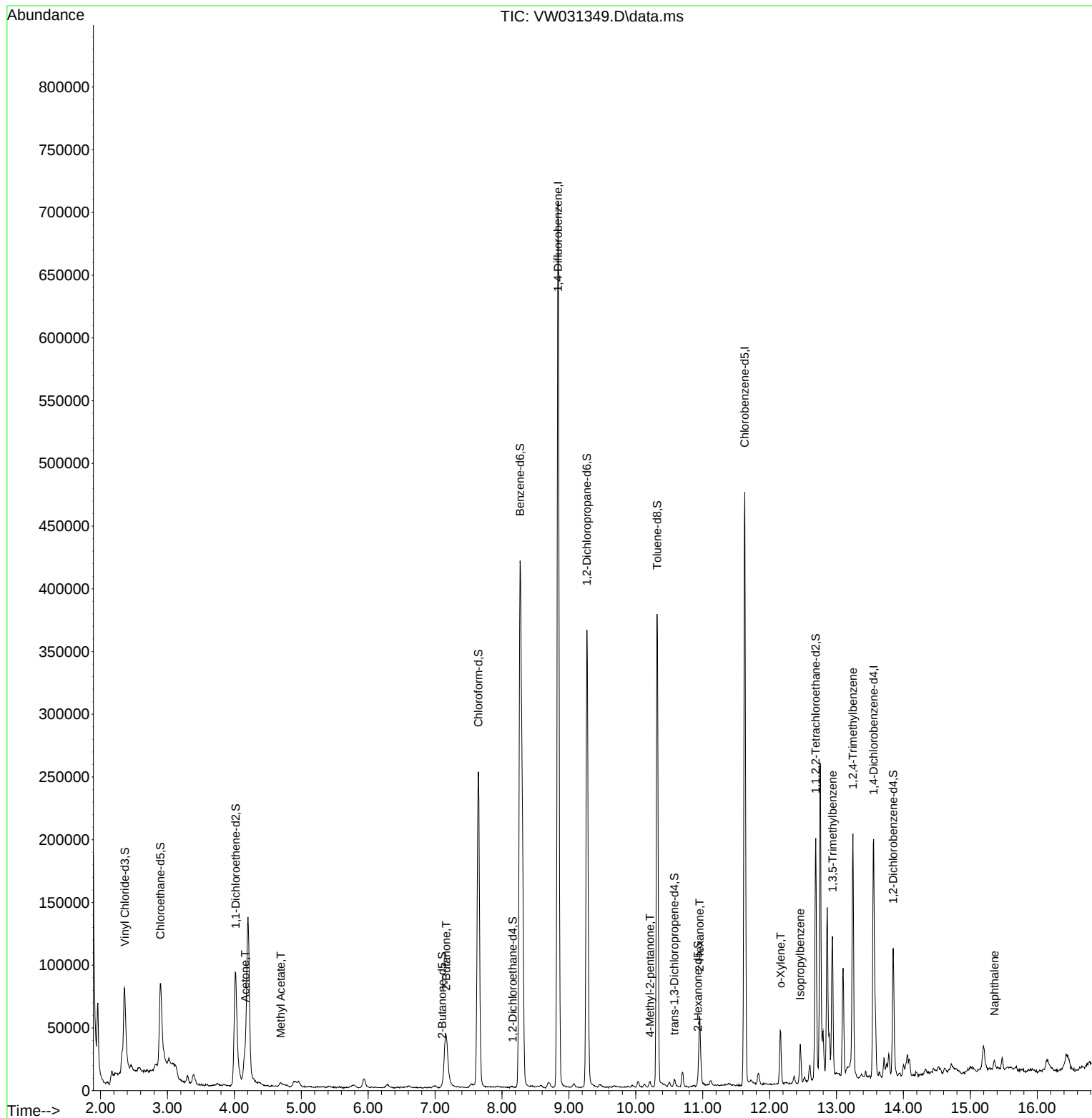
| Compound                      | R.T.           | QIon | Response   | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|-----------|--------|----------|
| -----                         |                |      |            |           |        |          |
| Internal Standards            |                |      |            |           |        |          |
| 1) 1,4-Difluorobenzene        | 8.837          | 114  | 591740     | 25.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629         | 117  | 256661     | 25.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556         | 152  | 49537      | 25.000    | ug/L   | 0.00     |
|                               |                |      |            |           |        |          |
| System Monitoring Compounds   |                |      |            |           |        |          |
| 4) Vinyl Chloride-d3          | 2.363          | 65   | 98977      | 11.117    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 44.480%   |        |          |
| 7) Chloroethane-d5            | 2.893          | 69   | 109485     | 16.624    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 66.480%   |        |          |
| 11) 1,1-Dichloroethene-d2     | 4.021          | 65   | 34118      | 8.078     | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 32.320%#  |        |          |
| 21) 2-Butanone-d5             | 7.106          | 46   | 2363       | 1.409     | ug/L   | 0.01     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 2.820%#   |        |          |
| 24) Chloroform-d              | 7.648          | 84   | 257758     | 15.898    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 63.600%   |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.160          | 65   | 56         | 0.007     | ug/L   | -0.14    |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 0.040%#   |        |          |
| 32) Benzene-d6                | 8.270          | 84   | 434459     | 26.410    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 105.640%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.270          | 67   | 166784     | 34.787    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 139.160%# |        |          |
| 41) Toluene-d8                | 10.319         | 98   | 249164     | 16.281    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 65.120%   |        |          |
| 43) trans-1,3-Dichloroprop... | 10.575         | 79   | 3062       | 1.385     | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 5.560%#   |        |          |
| 47) 2-Hexanone-d5             | 10.928         | 63   | 1064       | 1.650     | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 3.300%#   |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690         | 84   | 87552      | 29.084    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 116.320%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.848         | 152  | 26091      | 14.187    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 56.760%#  |        |          |
|                               |                |      |            |           |        |          |
| Target Compounds              |                |      |            |           |        | Qvalue   |
| 13) Acetone                   | 4.161          | 43   | 62663      | 26.835    | ug/L # | 100      |
| 15) Methyl Acetate            | 4.691          | 43   | 4709       | 1.776     | ug/L   | 91       |
| 22) 2-Butanone                | 7.167          | 43   | 83921      | 29.661    | ug/L # | 59       |
| 40) 4-Methyl-2-pentanone      | 10.215         | 43   | 3001       | 1.430     | ug/L # | 97       |
| 48) 2-Hexanone                | 10.953         | 43   | 38272      | 21.436    | ug/L # | 50       |
| 54) o-Xylene                  | 12.166         | 106  | 11621      | 1.618     | ug/L   | 88       |
| 60) Isopropylbenzene          | 12.458         | 105  | 19289      | 2.379     | ug/L   | 99       |
| 62) 1,3,5-Trimethylbenzene    | 12.940         | 105  | 52691      | 7.667     | ug/L   | 95       |
| 63) 1,2,4-Trimethylbenzene    | 13.245         | 105  | 101725     | 15.314    | ug/L   | 96       |
| 71) Naphthalene               | 15.360         | 128  | 6956       | 2.074     | ug/L # | 83       |
| -----                         |                |      |            |           |        |          |

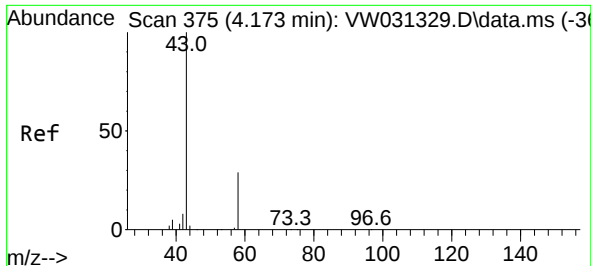
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 19 00:20:44 2024  
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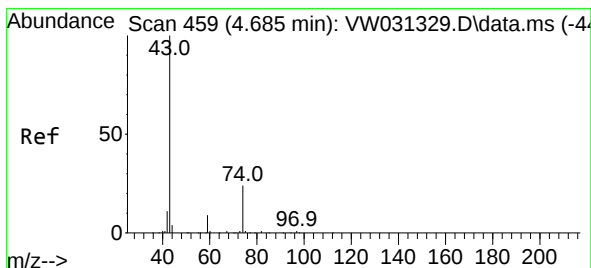
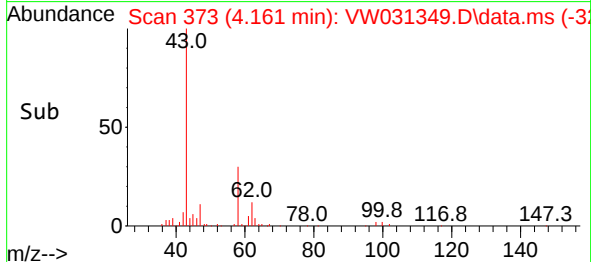
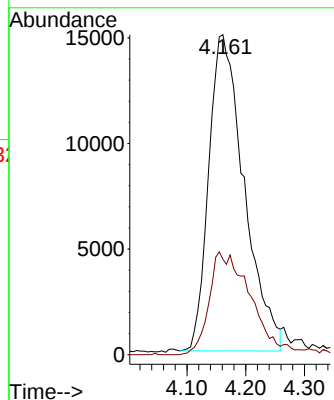
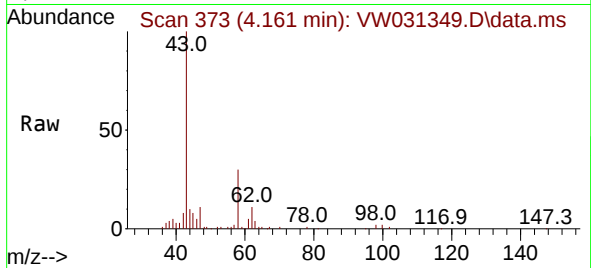




#13  
Acetone  
Concen: 26.835 ug/L  
RT: 4.161 min Scan# 31  
Delta R.T. -0.012 min  
Lab File: VW031349.D  
Acq: 18 Dec 2024 18:52

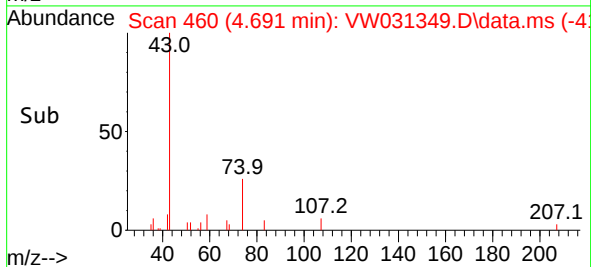
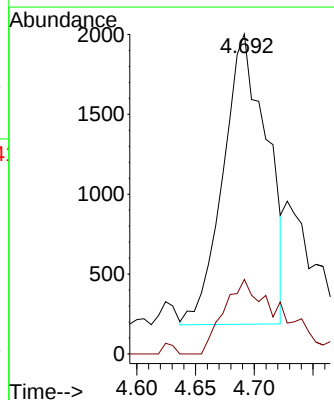
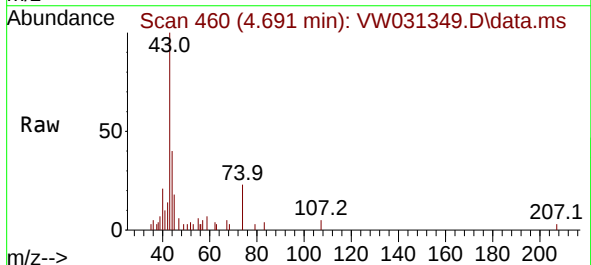
Instrument :  
MSVOA\_W  
ClientSampleId :

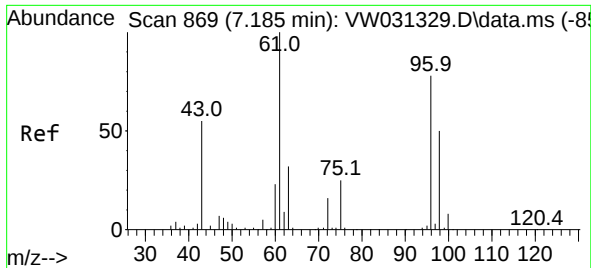
Tgt Ion: 43 Resp: 62663  
Ion Ratio Lower Upper  
43 100  
58 16.3 0.0 0.0#



#15  
Methyl Acetate  
Concen: 1.776 ug/L  
RT: 4.691 min Scan# 460  
Delta R.T. 0.006 min  
Lab File: VW031349.D  
Acq: 18 Dec 2024 18:52

Tgt Ion: 43 Resp: 4709  
Ion Ratio Lower Upper  
43 100  
74 19.1 18.9 28.3

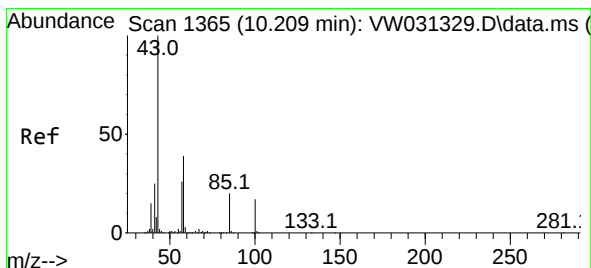
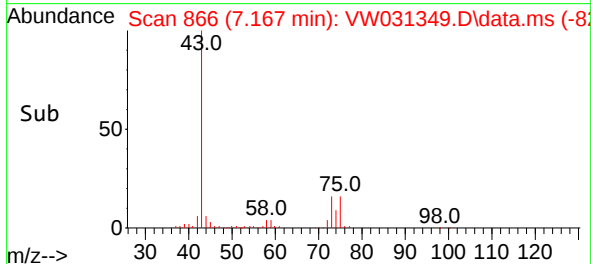
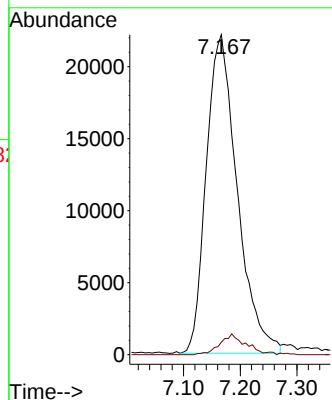
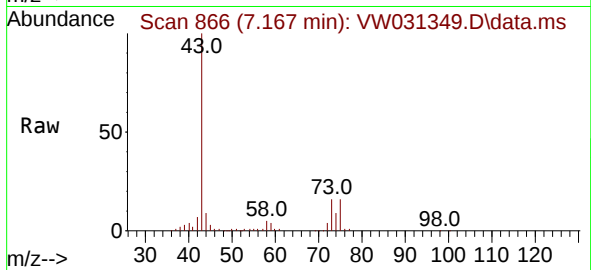




#22  
2-Butanone  
Concen: 29.661 ug/L  
RT: 7.167 min Scan# 866  
Delta R.T. -0.018 min  
Lab File: VW031349.D  
Acq: 18 Dec 2024 18:52

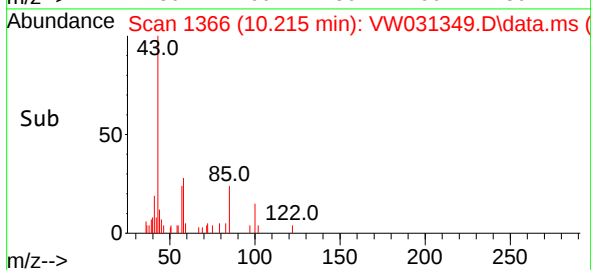
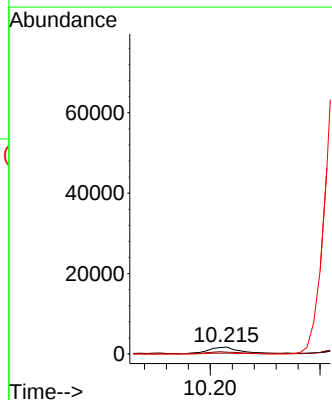
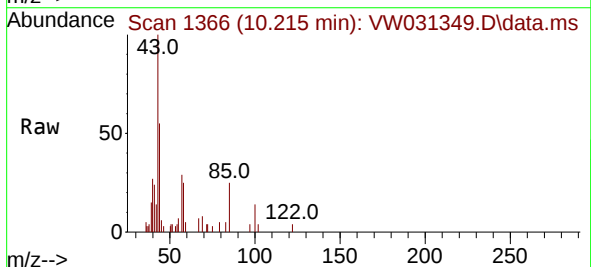
Instrument :  
MSVOA\_W  
ClientSampleId :

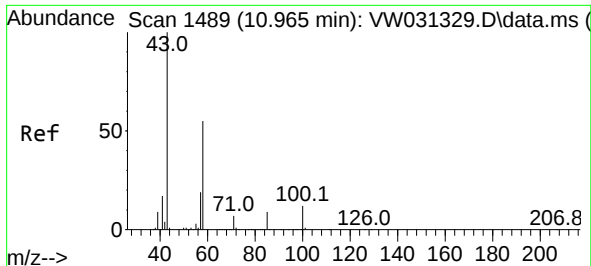
Tgt Ion: 43 Resp: 83921  
Ion Ratio Lower Upper  
43 100  
72 5.2 13.3 39.8#



#40  
4-Methyl-2-pentanone  
Concen: 1.430 ug/L  
RT: 10.215 min Scan# 1366  
Delta R.T. 0.006 min  
Lab File: VW031349.D  
Acq: 18 Dec 2024 18:52

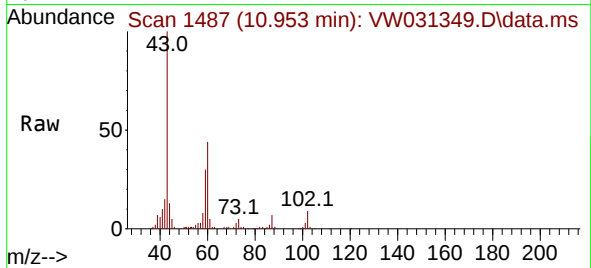
Tgt Ion: 43 Resp: 3001  
Ion Ratio Lower Upper  
43 100  
58 39.4 31.1 46.7  
100 13.0 13.0 19.6#



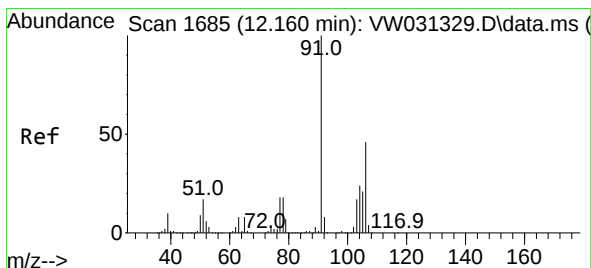
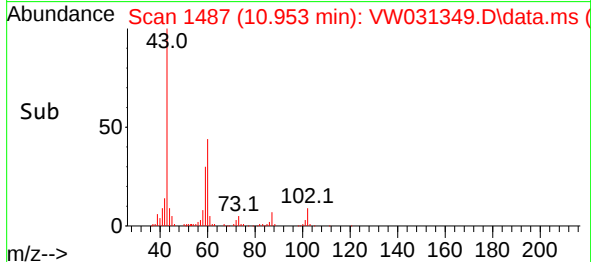
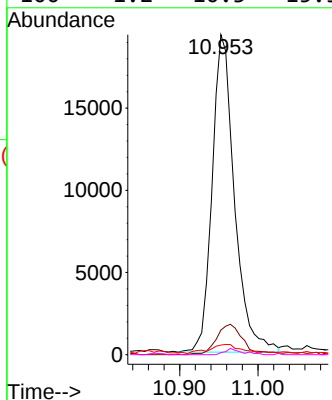


#48  
2-Hexanone  
Concen: 21.436 ug/L  
RT: 10.953 min Scan# 1487  
Delta R.T. -0.012 min  
Lab File: VW031349.D  
Acq: 18 Dec 2024 18:52

Instrument :  
MSVOA\_W  
ClientSampleId :

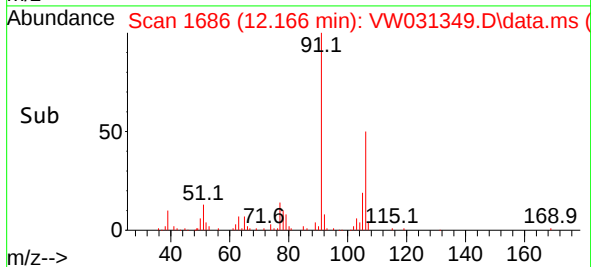
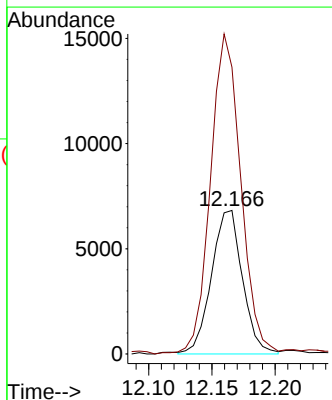
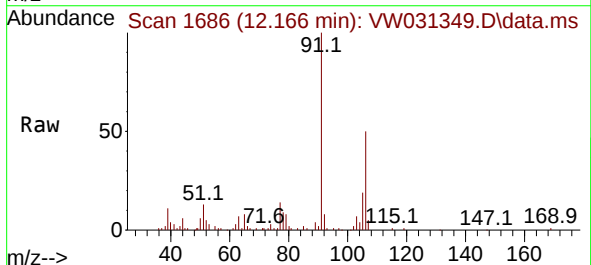


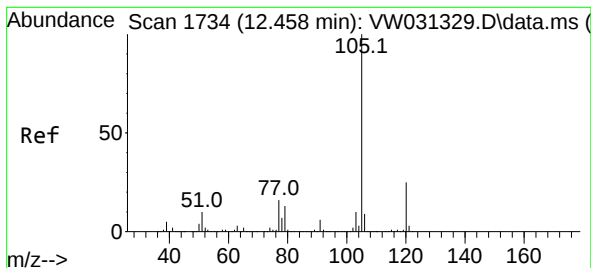
Tgt Ion: 43 Resp: 38272  
Ion Ratio Lower Upper  
43 100  
58 10.3 43.0 64.6#  
57 3.6 15.7 23.5#  
100 1.2 10.3 15.5#



#54  
o-Xylene  
Concen: 1.618 ug/L  
RT: 12.166 min Scan# 1686  
Delta R.T. 0.006 min  
Lab File: VW031349.D  
Acq: 18 Dec 2024 18:52

Tgt Ion: 106 Resp: 11621  
Ion Ratio Lower Upper  
106 100  
91 199.8 153.1 284.3





#60

Isopropylbenzene

Concen: 2.379 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031349.D

Acq: 18 Dec 2024 18:52

Instrument :

MSVOA\_W

ClientSampleId :

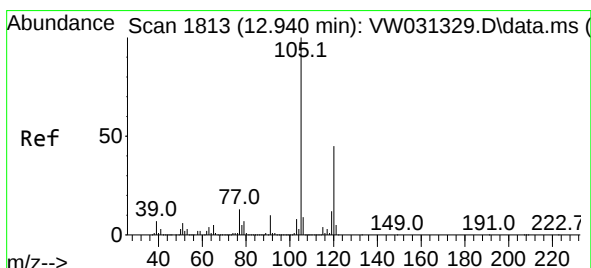
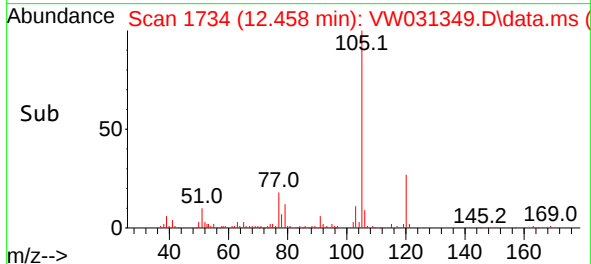
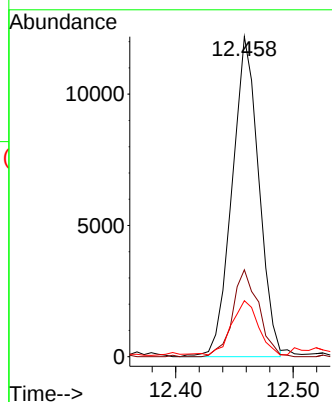
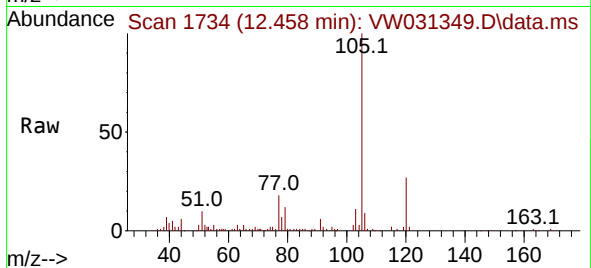
Tgt Ion:105 Resp: 19289

Ion Ratio Lower Upper

105 100

120 26.3 20.6 31.0

77 16.7 12.8 19.2



#62

1,3,5-Trimethylbenzene

Concen: 7.667 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW031349.D

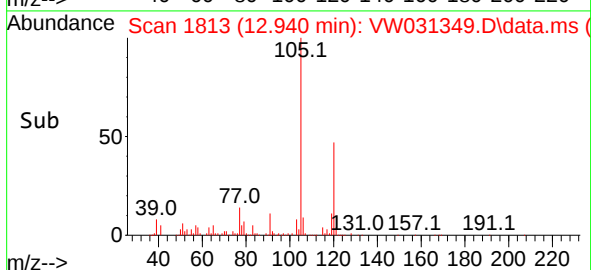
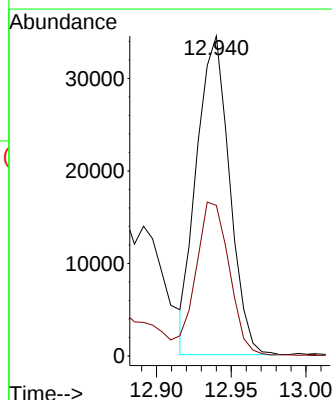
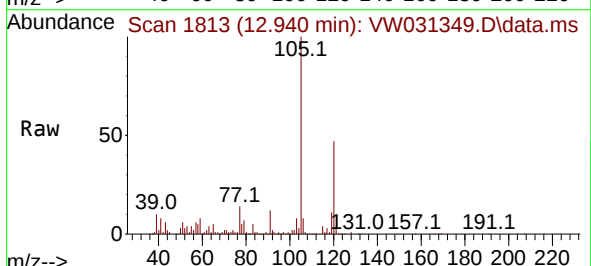
Acq: 18 Dec 2024 18:52

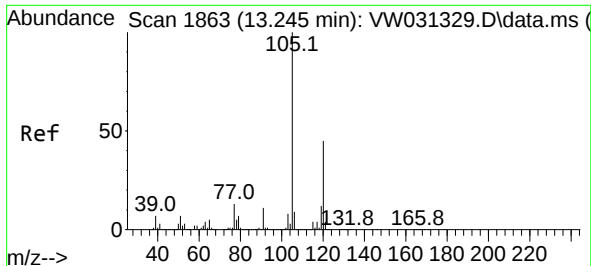
Tgt Ion:105 Resp: 52691

Ion Ratio Lower Upper

105 100

120 49.8 37.3 55.9

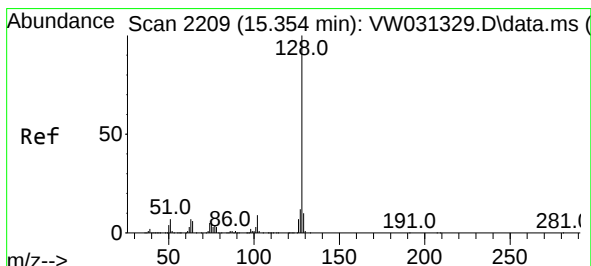
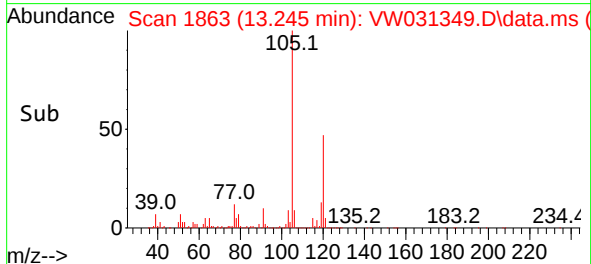
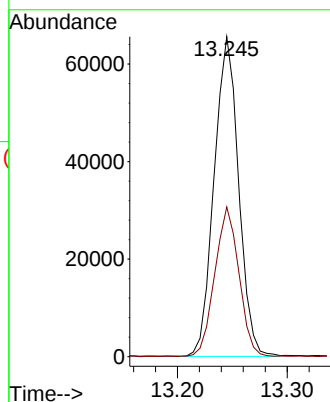
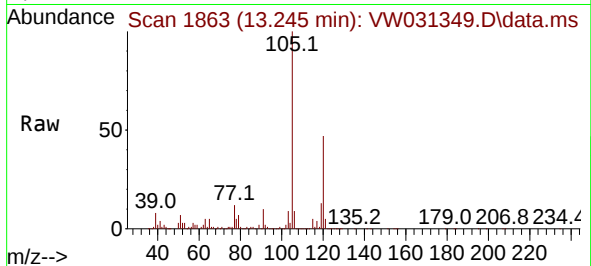




#63  
1,2,4-Trimethylbenzene  
Concen: 15.314 ug/L  
RT: 13.245 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VW031349.D  
Acq: 18 Dec 2024 18:52

Instrument :  
MSVOA\_W  
ClientSampleId :

Tgt Ion:105 Resp: 101725  
Ion Ratio Lower Upper  
105 100  
120 46.3 35.0 52.4



#71  
Naphthalene  
Concen: 2.074 ug/L  
RT: 15.360 min Scan# 2210  
Delta R.T. 0.006 min  
Lab File: VW031349.D  
Acq: 18 Dec 2024 18:52

Tgt Ion:128 Resp: 6956  
Ion Ratio Lower Upper  
128 100  
127 20.6 10.7 16.1#  
129 16.6 8.6 13.0#

