

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW120424\  
 Data File : VW031132.D  
 Acq On : 04 Dec 2024 18:09  
 Operator : SY/MD  
 Sample : P5066-02  
 Misc : 8.22g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Dec 05 02:41:08 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM120424SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Dec 05 01:31:20 2024  
 Response via : Initial Calibration

| Compound                      | R.T. QIon |       | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|-----------|-------|----------|----------|--------|-----------|
| -----                         |           |       |          |          |        |           |
| Internal Standards            |           |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 8.843     | 114   | 16987    | 25.000   | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 11.629    | 117   | 13033    | 25.000   | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.409    | 152   | 1302     | 25.000   | ug/L   | -0.15     |
| System Monitoring Compounds   |           |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 2.357     | 65    | 9596     | 36.708   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000    | Range | 30 - 150 | Recovery | =      | 146.840%  |
| 7) Chloroethane-d5            | 2.899     | 69    | 7108     | 35.047   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000    | Range | 30 - 150 | Recovery | =      | 140.200%  |
| 11) 1,1-Dichloroethene-d2     | 4.033     | 65    | 3450     | 28.927   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000    | Range | 45 - 110 | Recovery | =      | 115.720%# |
| 21) 2-Butanone-d5             | 7.087     | 46    | 326      | 7.131    | ug/L   | 0.01      |
| Spiked Amount                 | 50.000    | Range | 20 - 135 | Recovery | =      | 14.260%#  |
| 24) Chloroform-d              | 7.636     | 84    | 239      | 0.480    | ug/L   | -0.01     |
| Spiked Amount                 | 25.000    | Range | 40 - 150 | Recovery | =      | 1.920%#   |
| 26) 1,2-Dichloroethane-d4     | 8.307     | 65    | 6709     | 27.404   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000    | Range | 70 - 130 | Recovery | =      | 109.600%  |
| 32) Benzene-d6                | 8.276     | 84    | 23434    | 29.255   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000    | Range | 20 - 135 | Recovery | =      | 117.000%  |
| 36) 1,2-Dichloropropane-d6    | 9.270     | 67    | 7722     | 32.910   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000    | Range | 70 - 120 | Recovery | =      | 131.640%# |
| 41) Toluene-d8                | 10.325    | 98    | 18415    | 25.474   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000    | Range | 30 - 130 | Recovery | =      | 101.880%  |
| 43) trans-1,3-Dichloroprop... | 10.581    | 79    | 2176     | 23.035   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000    | Range | 30 - 135 | Recovery | =      | 92.120%   |
| 47) 2-Hexanone-d5             | 10.916    | 63    | 300      | 10.913   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000    | Range | 20 - 135 | Recovery | =      | 21.820%   |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690    | 84    | 990      | 6.252    | ug/L   | 0.00      |
| Spiked Amount                 | 25.000    | Range | 45 - 120 | Recovery | =      | 25.000%#  |
| 66) 1,2-Dichlorobenzene-d4    | 13.769    | 152   | 131      | 2.833    | ug/L   | -0.08     |
| Spiked Amount                 | 25.000    | Range | 75 - 120 | Recovery | =      | 11.320%#  |
| Target Compounds              |           |       |          |          |        |           |
|                               |           |       |          |          | Qvalue |           |
| 3) Chloromethane              | 2.332     | 50    | 1304     | 5.154    | ug/L   | 91        |
| 6) Bromomethane               | 2.588     | 94    | 82       | 0.424    | ug/L   | 89        |
| 8) Chloroethane               | 2.588     | 64    | 86       | 0.473    | ug/L   | 92        |
| 13) Acetone                   | 4.155     | 43    | 698      | 8.480    | ug/L   | 65        |
| 14) Carbon disulfide          | 4.387     | 76    | 1587     | 2.006    | ug/L   | 98        |
| 15) Methyl Acetate            | 4.618     | 43    | 49       | 0.567    | ug/L # | 49        |
| 17) trans-1,2-Dichloroethene  | 5.441     | 96    | 1002     | 3.907    | ug/L   | 84        |
| 20) cis-1,2-Dichloroethene    | 7.167     | 96    | 515      | 1.912    | ug/L   | 85        |
| 25) Chloroform                | 7.679     | 83    | 12935    | 26.366   | ug/L   | 89        |
| 29) Cyclohexane               | 7.965     | 56    | 1506     | 4.591    | ug/L # | 78        |
| 33) Benzene                   | 8.325     | 78    | 628      | 0.713    | ug/L   | 100       |
| 34) Trichloroethene           | 9.093     | 95    | 50192    | 206.461  | ug/L   | 94        |
| 35) Methylcyclohexane         | 9.337     | 83    | 7099     | 18.351   | ug/L   | 92        |
| 37) 1,2-Dichloropropane       | 9.276     | 63    | 845      | 3.854    | ug/L   | 99        |
| 40) 4-Methyl-2-pentanone      | 10.203    | 43    | 264      | 2.689    | ug/L # | 71        |
| 42) Toluene                   | 10.386    | 91    | 54529    | 58.734   | ug/L   | 99        |
| 45) 1,1,2-Trichloroethane     | 10.758    | 97    | 2344     | 15.557   | ug/L # | 28        |
| 46) Tetrachloroethene         | 10.861    | 164   | 782976   | 4344.573 | ug/L   | 93        |
| 48) 2-Hexanone                | 10.977    | 43    | 154      | 1.734    | ug/L # | 51        |

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 Sample : P5066-02  
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 ALS Vial : 16 Sample Multiplier: 1

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 MSVOA\_W  
 ClientSampleId :

Quant Time: Dec 05 02:41:08 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM120424SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Dec 05 01:31:20 2024  
 Response via : Initial Calibration

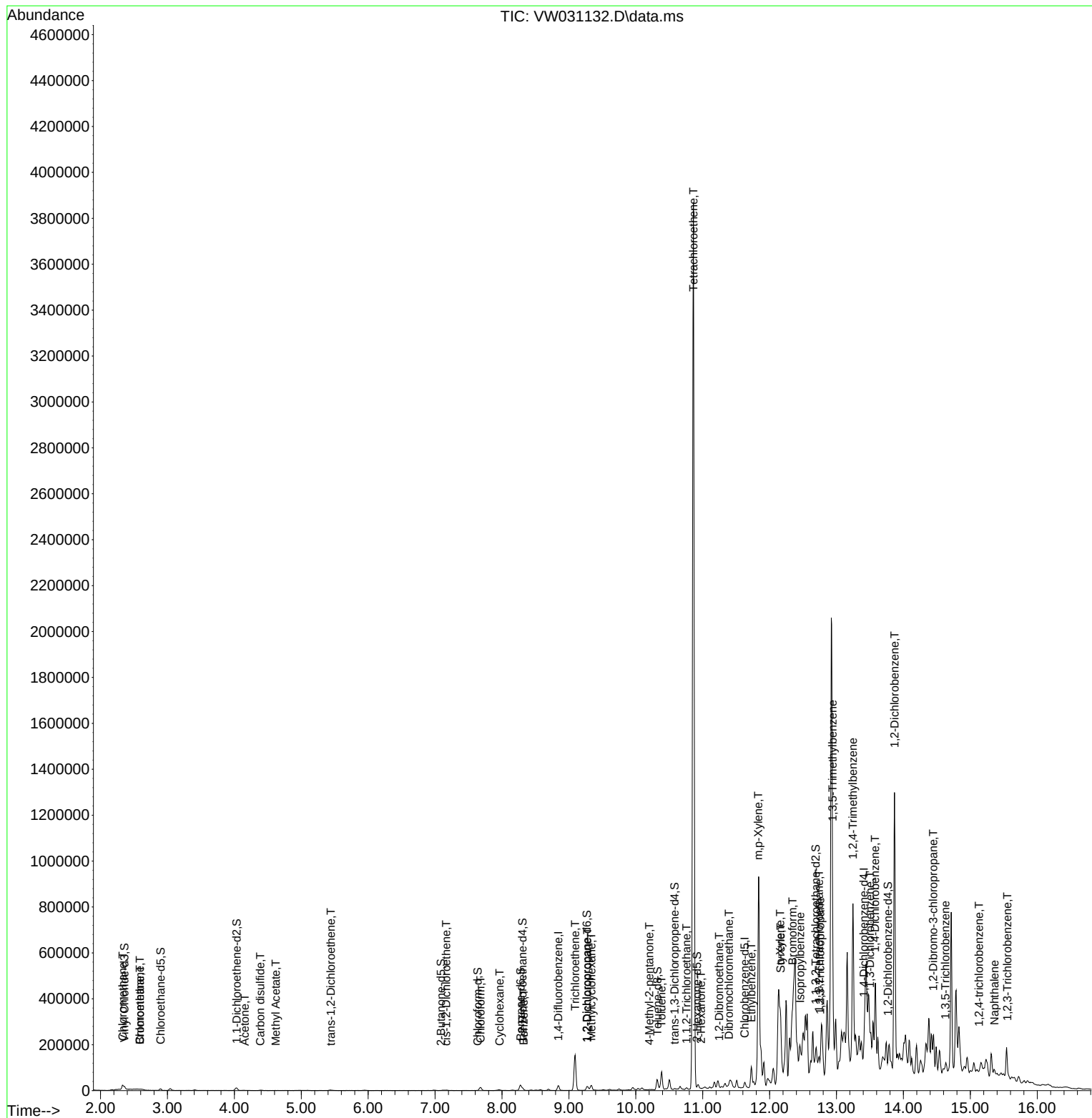
| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 49) Dibromochloromethane      | 11.392 | 129  | 88       | 0.530    | ug/L   | 83       |
| 50) 1,2-Dibromoethane         | 11.245 | 107  | 94       | 0.668    | ug/L # | 12       |
| 52) Ethylbenzene              | 11.727 | 91   | 59597    | 56.648   | ug/L   | 98       |
| 53) m,p-Xylene                | 11.831 | 106  | 84123    | 214.846  | ug/L   | 99       |
| 54) o-Xylene                  | 12.160 | 106  | 45567    | 125.094  | ug/L   | 96       |
| 55) Styrene                   | 12.166 | 104  | 3213     | 5.240    | ug/L # | 1        |
| 57) 1,1,2,2-Tetrachloroethane | 12.739 | 83   | 1467     | 8.988    | ug/L # | 56       |
| 59) Bromoform                 | 12.343 | 173  | 59       | 3.101    | ug/L # | 1        |
| 60) Isopropylbenzene          | 12.458 | 105  | 22401    | 106.578  | ug/L   | 97       |
| 61) 1,2,3-Trichloropropane    | 12.757 | 75   | 124      | 5.097    | ug/L # | 38       |
| 62) 1,3,5-Trimethylbenzene    | 12.940 | 105  | 97980    | 591.996  | ug/L   | 95       |
| 63) 1,2,4-Trimethylbenzene    | 13.245 | 105  | 367115   | 2257.961 | ug/L   | 99       |
| 64) 1,3-Dichlorobenzene       | 13.501 | 146  | 313      | 3.415    | ug/L # | 1        |
| 65) 1,4-Dichlorobenzene       | 13.574 | 146  | 389      | 4.201    | ug/L # | 1        |
| 67) 1,2-Dichlorobenzene       | 13.867 | 146  | 253      | 3.155    | ug/L # | 1        |
| 68) 1,2-Dibromo-3-chloropr... | 14.446 | 75   | 2495     | 472.312  | ug/L # | 14       |
| 69) 1,3,5-Trichlorobenzene    | 14.629 | 180  | 311      | 4.993    | ug/L # | 1        |
| 70) 1,2,4-trichlorobenzene    | 15.129 | 180  | 310      | 6.348    | ug/L # | 1        |
| 71) Naphthalene               | 15.360 | 128  | 35099    | 446.111  | ug/L   | 98       |
| 72) 1,2,3-Trichlorobenzene    | 15.555 | 180  | 187      | 4.474    | ug/L # | 1        |

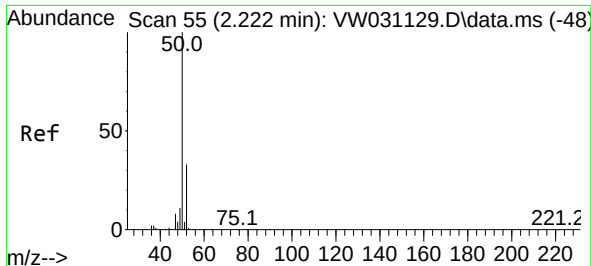
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0  
QLast Update : Thu Dec 05 01:31:20 2024  
Response via : Initial Calibration

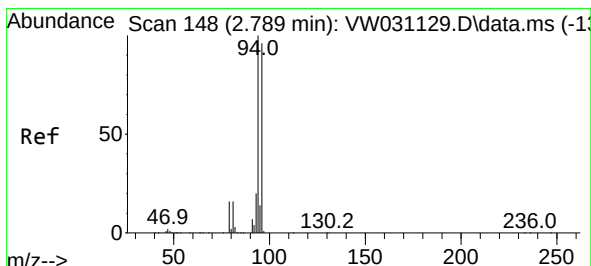
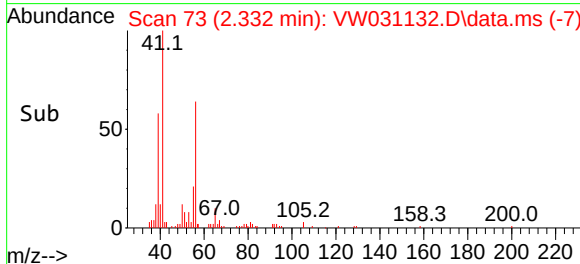
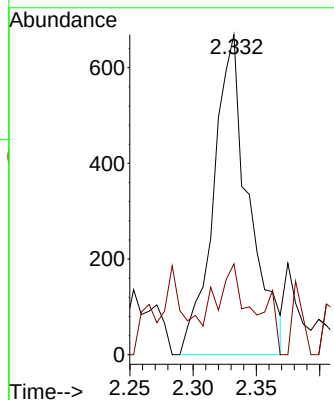
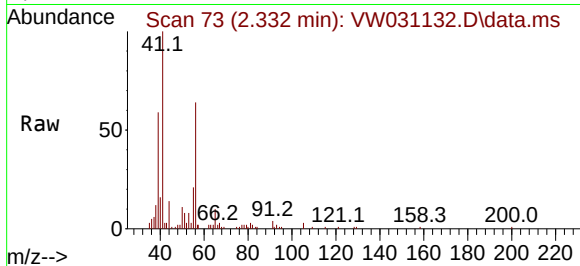




#3  
Chloromethane  
Concen: 5.154 ug/L  
RT: 2.332 min Scan# 71  
Delta R.T. 0.103 min  
Lab File: VW031132.D  
Acq: 04 Dec 2024 18:09

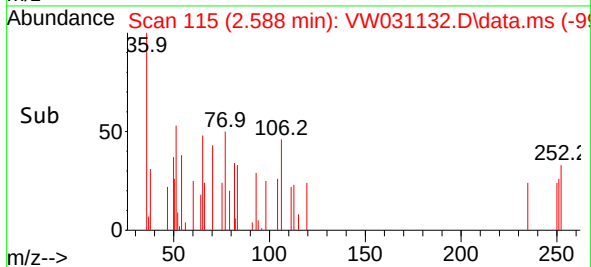
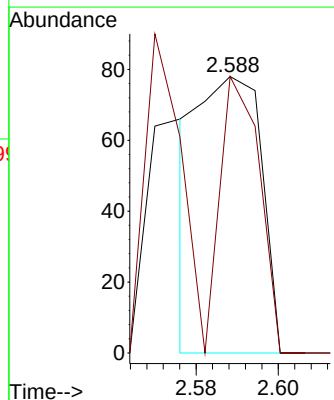
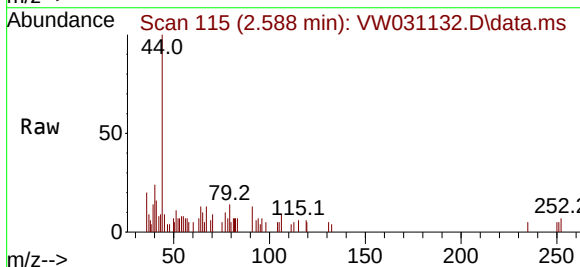
Instrument :  
MSVOA\_W  
ClientSampleId :

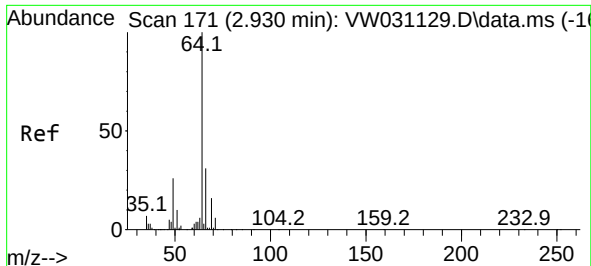
Tgt Ion: 50 Resp: 1304  
Ion Ratio Lower Upper  
50 100  
52 28.4 23.4 43.6



#6  
Bromomethane  
Concen: 0.424 ug/L  
RT: 2.588 min Scan# 115  
Delta R.T. -0.201 min  
Lab File: VW031132.D  
Acq: 04 Dec 2024 18:09

Tgt Ion: 94 Resp: 82  
Ion Ratio Lower Upper  
94 100  
96 100.0 62.6 116.3

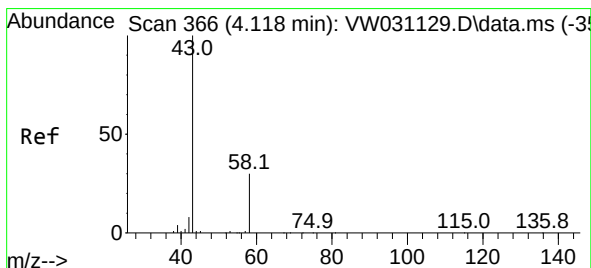
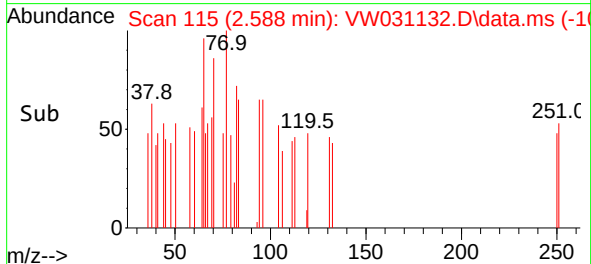
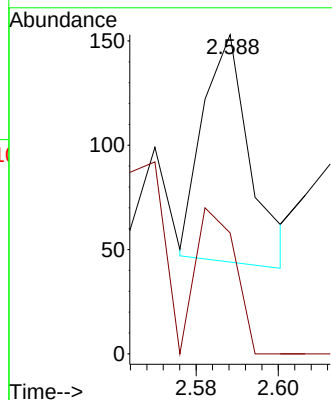
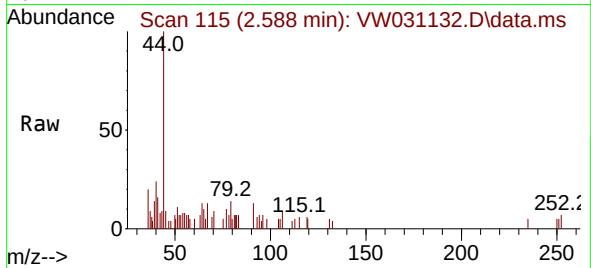




#8  
Chloroethane  
Concen: 0.473 ug/L  
RT: 2.588 min Scan# 11  
Delta R.T. -0.348 min  
Lab File: VW031132.D  
Acq: 04 Dec 2024 18:09

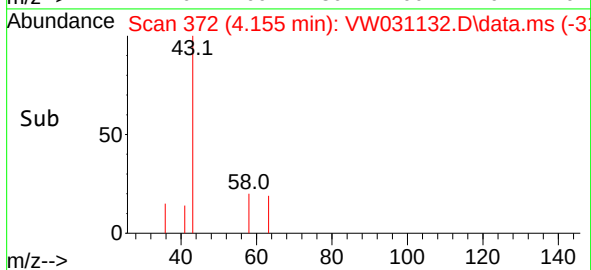
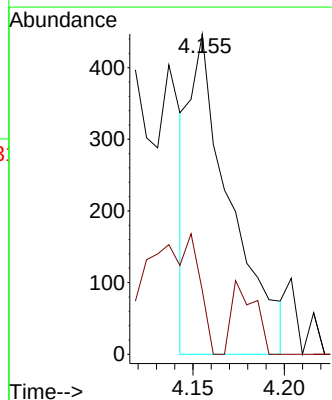
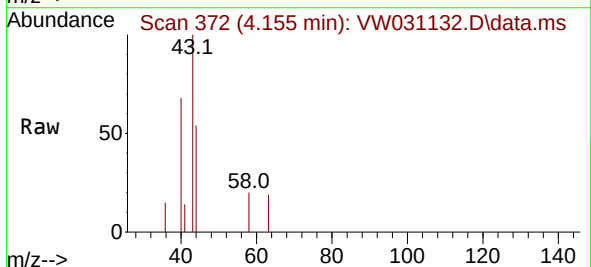
Instrument :  
MSVOA\_W  
ClientSampleId :

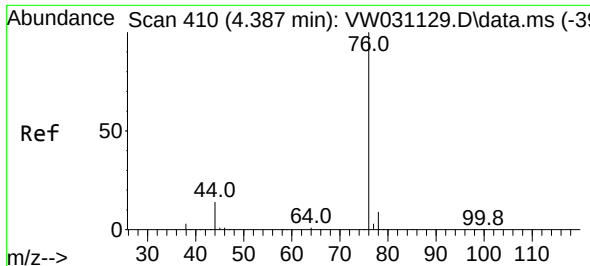
Tgt Ion: 64 Resp: 86  
Ion Ratio Lower Upper  
64 100  
66 37.9 23.2 43.2



#13  
Acetone  
Concen: 8.480 ug/L  
RT: 4.155 min Scan# 372  
Delta R.T. 0.036 min  
Lab File: VW031132.D  
Acq: 04 Dec 2024 18:09

Tgt Ion: 43 Resp: 698  
Ion Ratio Lower Upper  
43 100  
58 13.5 0.0 67.2

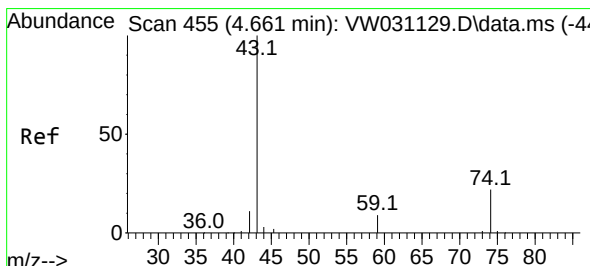
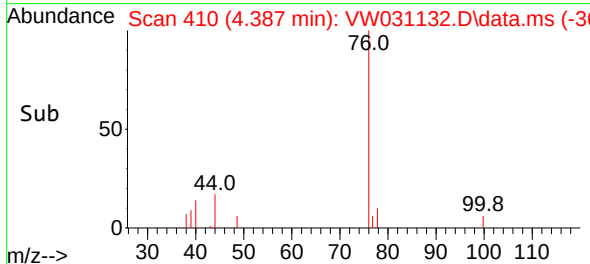
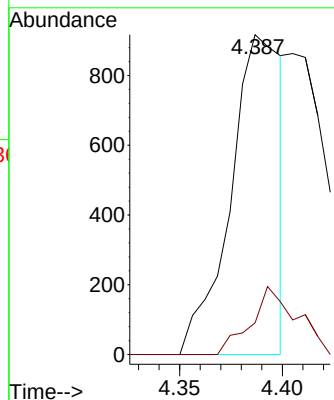
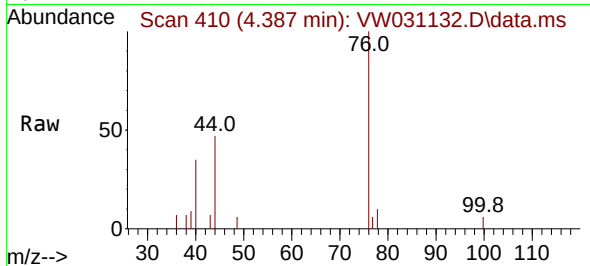




#14  
Carbon disulfide  
Concen: 2.006 ug/L  
RT: 4.387 min Scan# 410  
Delta R.T. -0.006 min  
Lab File: VW031132.D  
Acq: 04 Dec 2024 18:09

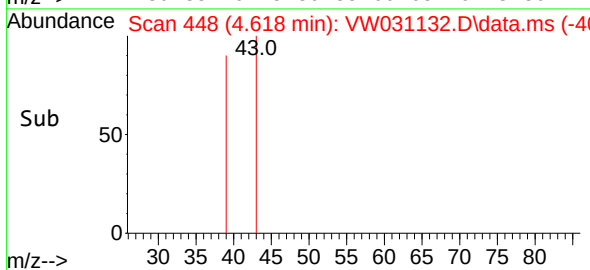
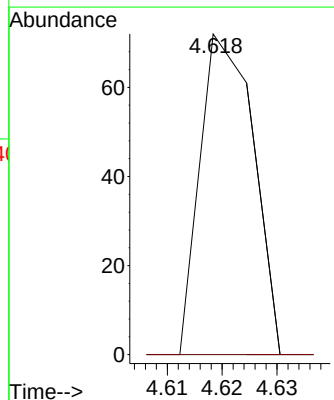
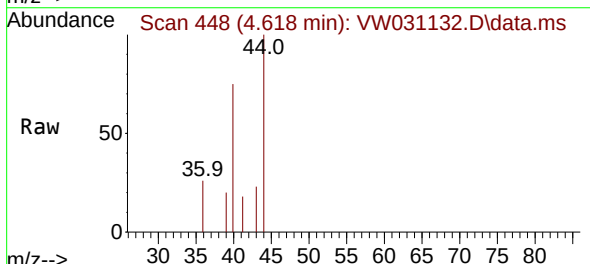
Instrument :  
MSVOA\_W  
ClientSampleId :

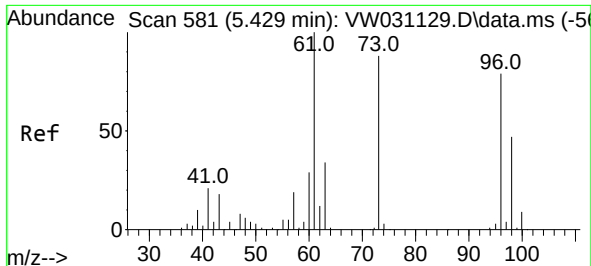
Tgt Ion: 76 Resp: 1587  
Ion Ratio Lower Upper  
76 100  
78 9.9 7.4 11.2



#15  
Methyl Acetate  
Concen: 0.567 ug/L  
RT: 4.618 min Scan# 448  
Delta R.T. -0.055 min  
Lab File: VW031132.D  
Acq: 04 Dec 2024 18:09

Tgt Ion: 43 Resp: 49  
Ion Ratio Lower Upper  
43 100  
74 0.0 20.8 31.2#

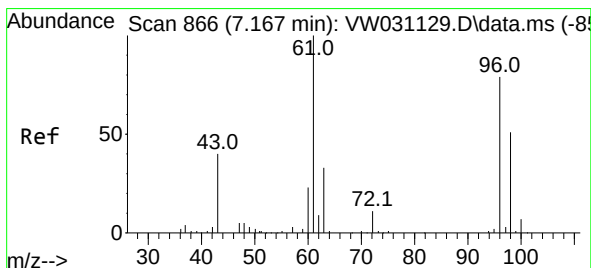
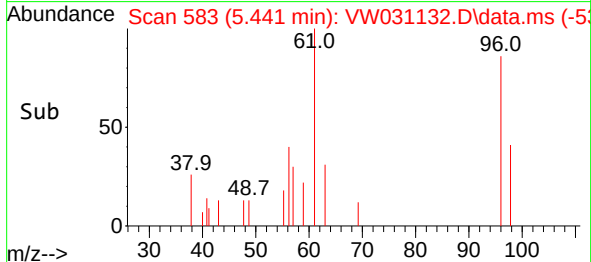
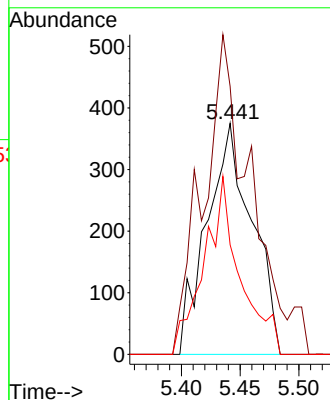
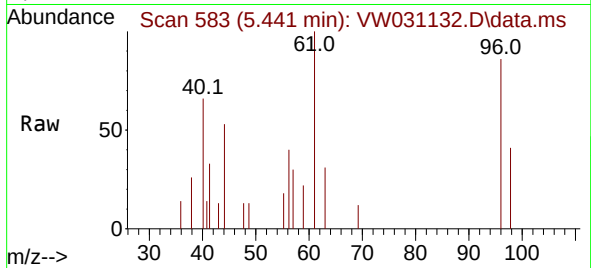




#17  
trans-1,2-Dichloroethene  
Concen: 3.907 ug/L  
RT: 5.441 min Scan# 581  
Delta R.T. 0.006 min  
Lab File: VW031132.D  
Acq: 04 Dec 2024 18:09

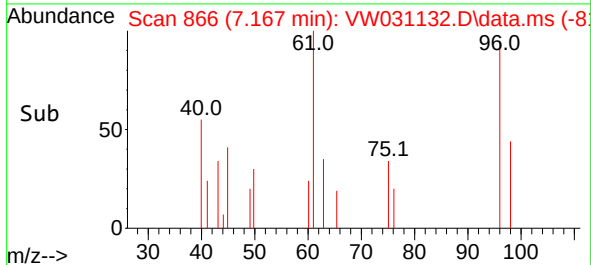
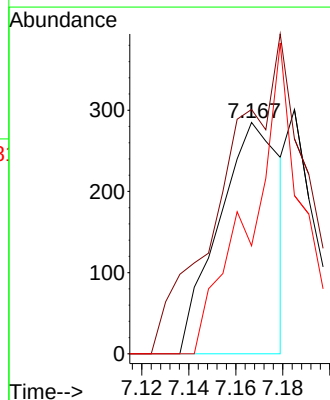
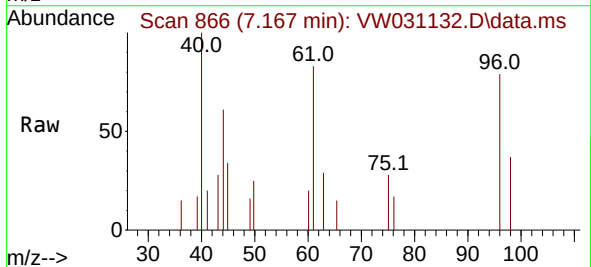
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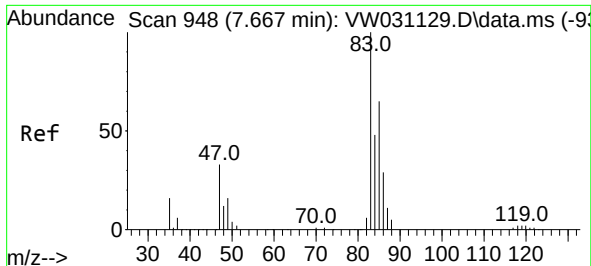
Tgt Ion: 96 Resp: 1002  
Ion Ratio Lower Upper  
96 100  
61 116.0 92.7 172.3  
98 47.5 44.4 82.4



#20  
cis-1,2-Dichloroethene  
Concen: 1.912 ug/L  
RT: 7.167 min Scan# 866  
Delta R.T. -0.006 min  
Lab File: VW031132.D  
Acq: 04 Dec 2024 18:09

Tgt Ion: 96 Resp: 515  
Ion Ratio Lower Upper  
96 100  
61 105.6 83.7 155.5  
98 46.7 43.9 81.5

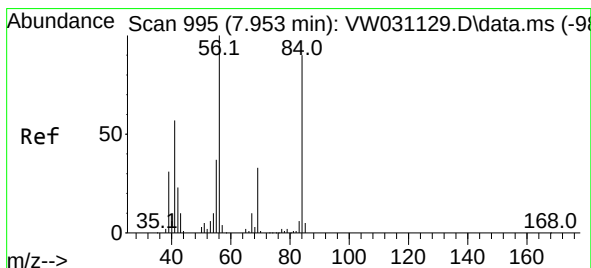
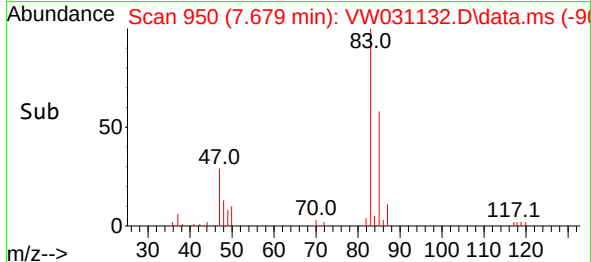
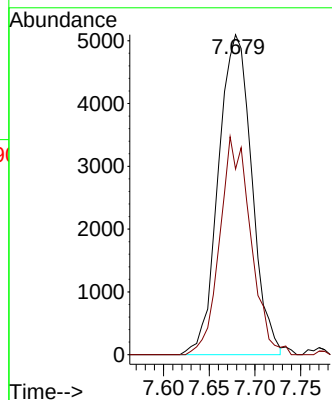
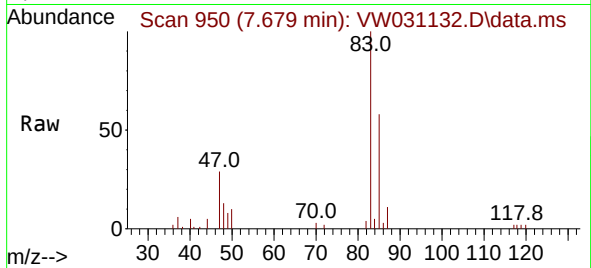




#25  
Chloroform  
Concen: 26.366 ug/L  
RT: 7.679 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VW031132.D  
Acq: 04 Dec 2024 18:09

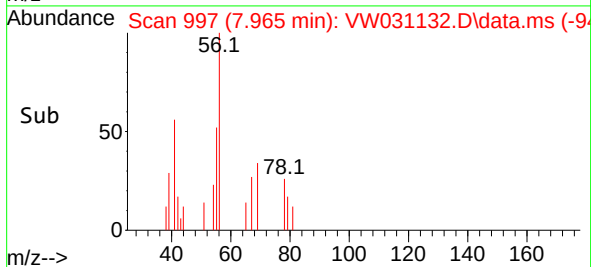
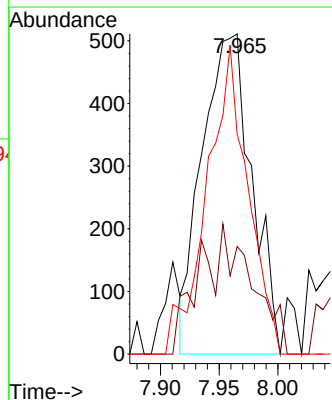
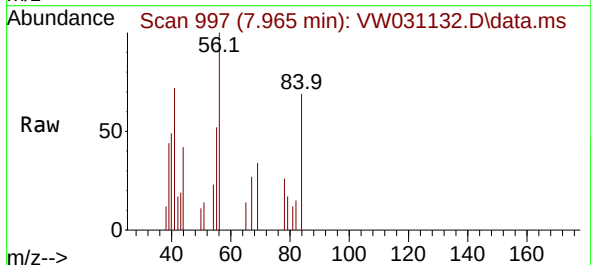
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ClientSampleId :

Tgt Ion: 83 Resp: 12935  
Ion Ratio Lower Upper  
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85 58.0 46.5 86.3

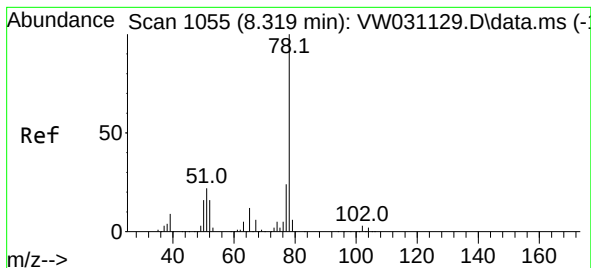


#29  
Cyclohexane  
Concen: 4.591 ug/L  
RT: 7.965 min Scan# 997  
Delta R.T. 0.006 min  
Lab File: VW031132.D  
Acq: 04 Dec 2024 18:09

Tgt Ion: 56 Resp: 1506  
Ion Ratio Lower Upper  
56 100  
69 10.2 25.4 38.2#  
84 74.3 71.1 106.7







#33

Benzene

Concen: 0.713 ug/L

RT: 8.325 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VW031132.D

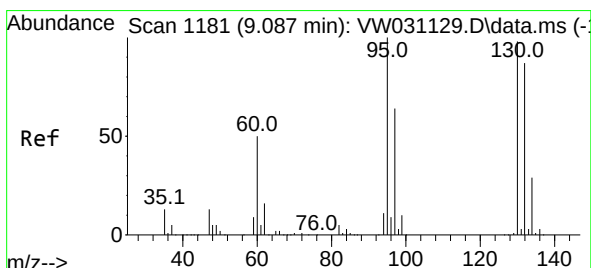
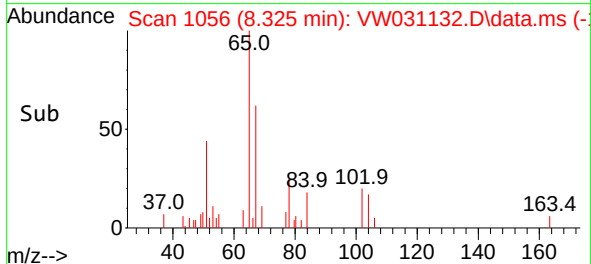
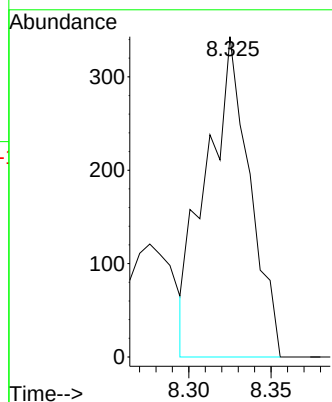
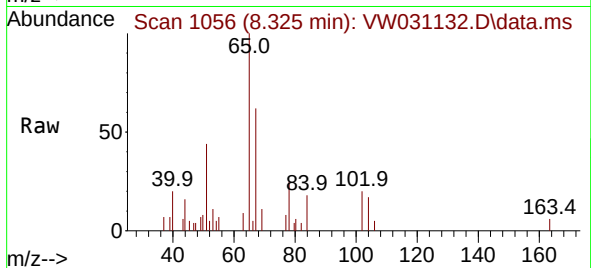
Acq: 04 Dec 2024 18:09

Instrument :

MSVOA\_W

ClientSampleId :

Tgt Ion: 78 Resp: 628



#34

Trichloroethene

Concen: 206.461 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.006 min

Lab File: VW031132.D

Acq: 04 Dec 2024 18:09

Tgt Ion: 95 Resp: 50192

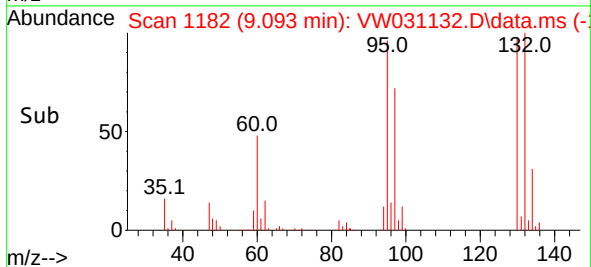
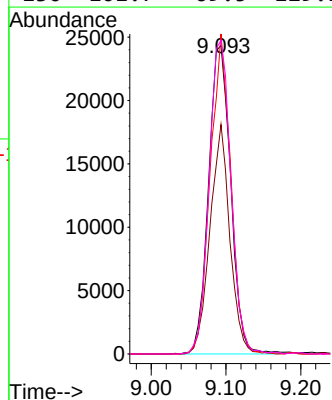
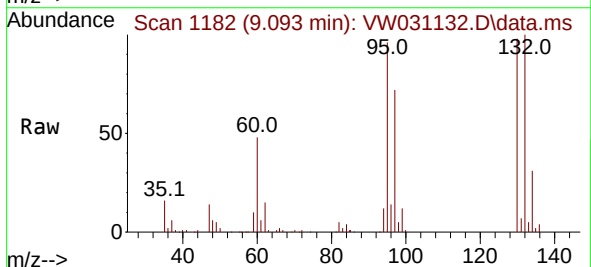
Ion Ratio Lower Upper

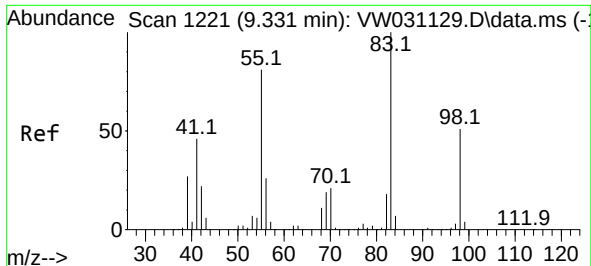
95 100

97 74.4 48.0 89.2

132 103.7 67.4 125.2

130 101.7 69.5 129.1

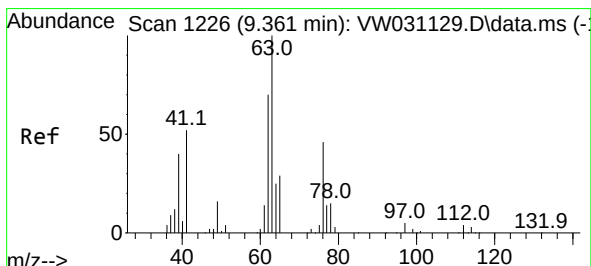
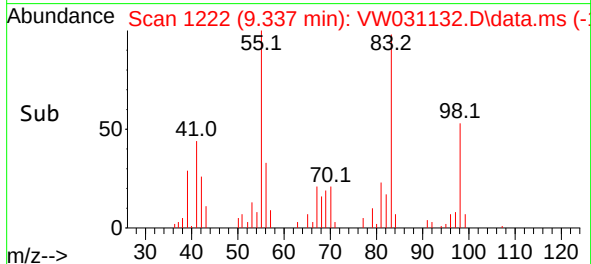
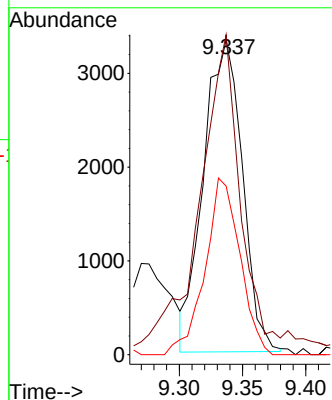
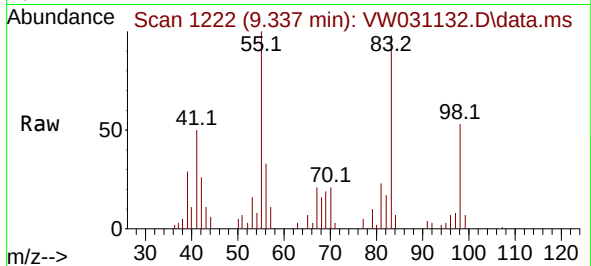




#35  
Methylcyclohexane  
Concen: 18.351 ug/L  
RT: 9.337 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VW031132.D  
Acq: 04 Dec 2024 18:09

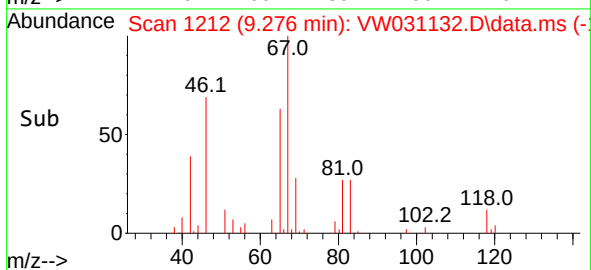
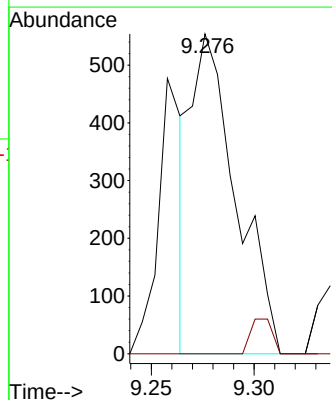
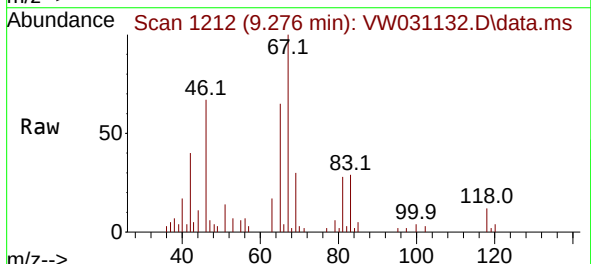
Instrument :  
MSVOA\_W  
ClientSampleId :

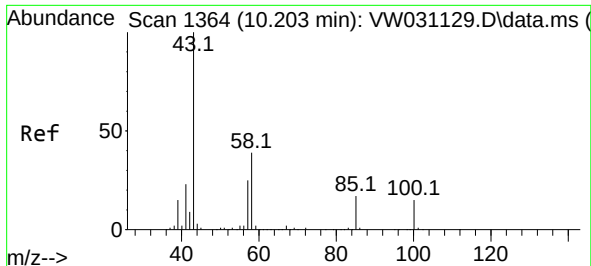
Tgt Ion: 83 Resp: 7099  
Ion Ratio Lower Upper  
83 100  
55 83.3 59.5 89.3  
98 50.9 38.7 58.1



#37  
1,2-Dichloropropane  
Concen: 3.854 ug/L  
RT: 9.276 min Scan# 1212  
Delta R.T. -0.092 min  
Lab File: VW031132.D  
Acq: 04 Dec 2024 18:09

Tgt Ion: 63 Resp: 845  
Ion Ratio Lower Upper  
63 100  
112 5.2 3.9 5.9

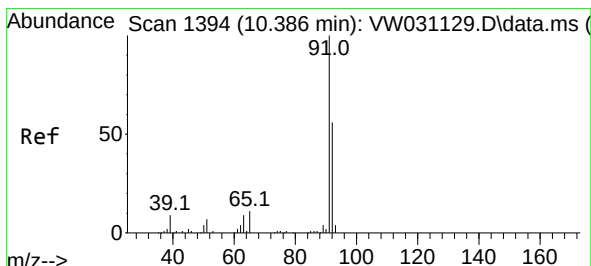
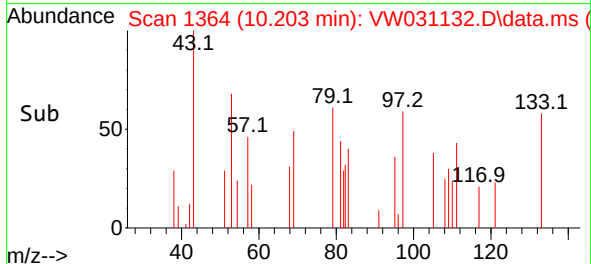
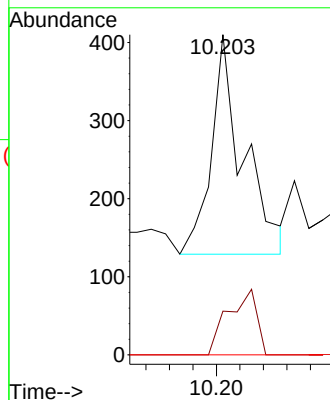
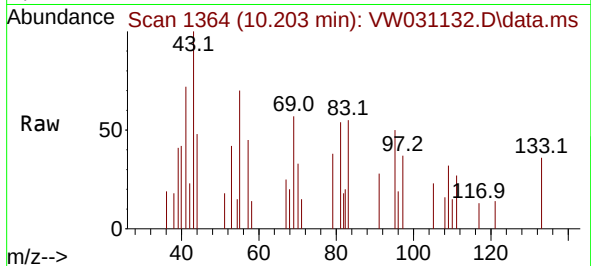




#40  
4-Methyl-2-pentanone  
Concen: 2.689 ug/L  
RT: 10.203 min Scan# 1364  
Delta R.T. -0.006 min  
Lab File: VW031132.D  
Acq: 04 Dec 2024 18:09

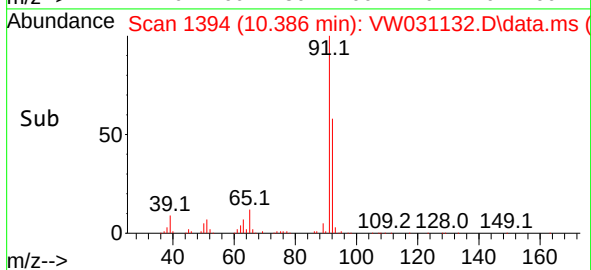
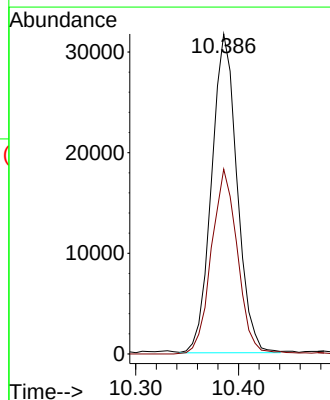
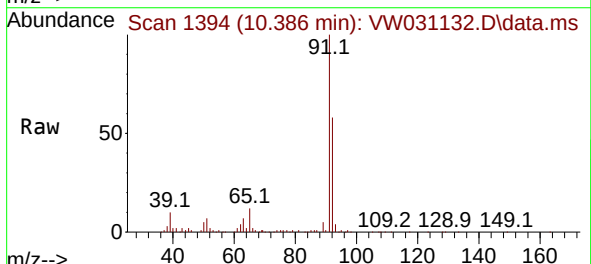
Instrument :  
MSVOA\_W  
ClientSampleId :

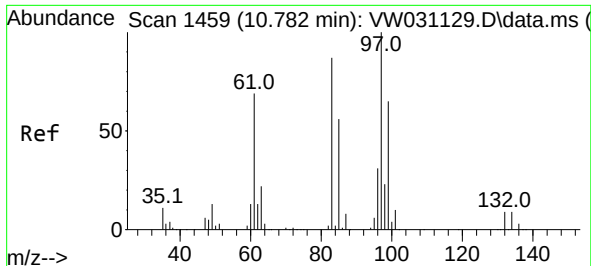
Tgt Ion: 43 Resp: 264  
Ion Ratio Lower Upper  
43 100  
58 26.9 33.7 50.5#  
100 0.0 14.2 21.2#



#42  
Toluene  
Concen: 58.734 ug/L  
RT: 10.386 min Scan# 1394  
Delta R.T. -0.000 min  
Lab File: VW031132.D  
Acq: 04 Dec 2024 18:09

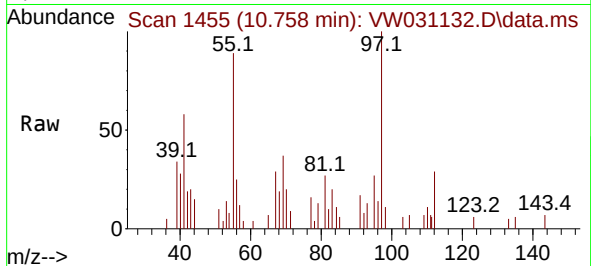
Tgt Ion: 91 Resp: 54529  
Ion Ratio Lower Upper  
91 100  
92 57.8 40.8 75.8



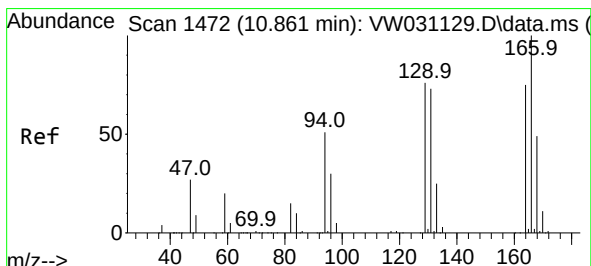
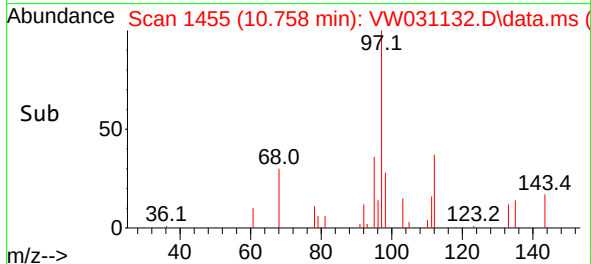
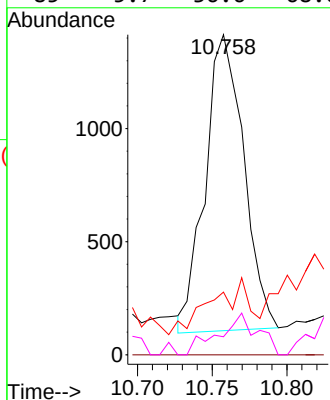


#45  
1,1,2-Trichloroethane  
Concen: 15.557 ug/L  
RT: 10.758 min Scan# 1455  
Delta R.T. -0.031 min  
Lab File: VW031132.D  
Acq: 04 Dec 2024 18:09

Instrument :  
MSVOA\_W  
ClientSampled :

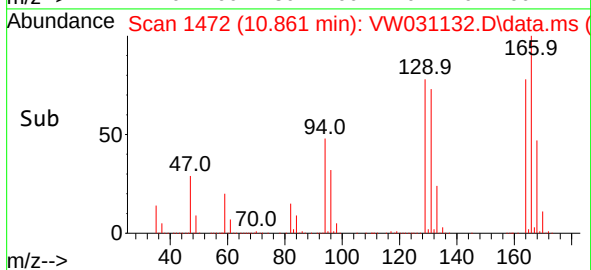
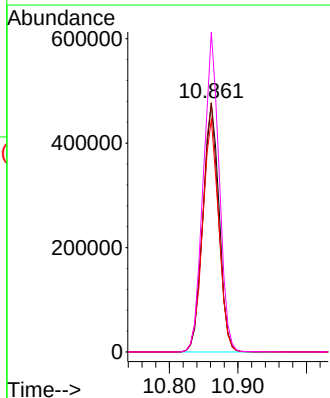
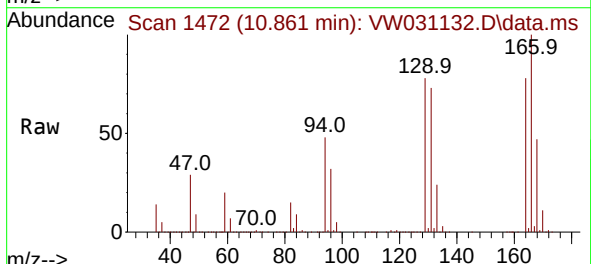


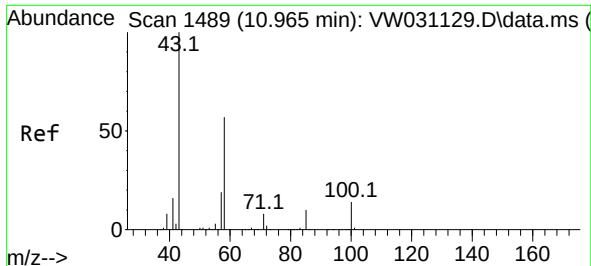
|             |                  |
|-------------|------------------|
| Tgt Ion: 97 | Resp: 2344       |
| Ion Ratio   | Lower Upper      |
| 97          | 100              |
| 99          | 0.0 42.4 78.8#   |
| 83          | 19.6 57.8 107.4# |
| 85          | 5.7 36.6 68.0#   |



#46  
Tetrachloroethene  
Concen: 4344.573 ug/L  
RT: 10.861 min Scan# 1472  
Delta R.T. -0.000 min  
Lab File: VW031132.D  
Acq: 04 Dec 2024 18:09

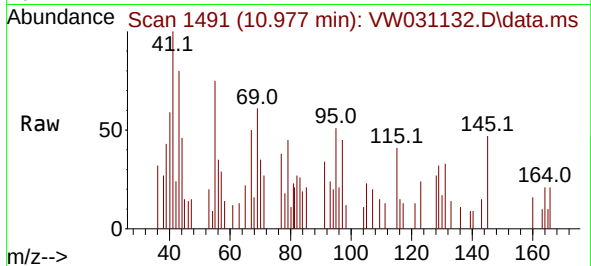
|              |                  |
|--------------|------------------|
| Tgt Ion: 164 | Resp: 782976     |
| Ion Ratio    | Lower Upper      |
| 164          | 100              |
| 129          | 100.2 61.9 114.9 |
| 131          | 93.5 67.9 126.1  |
| 166          | 128.6 85.8 159.3 |





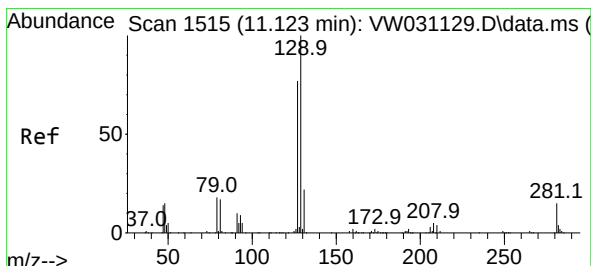
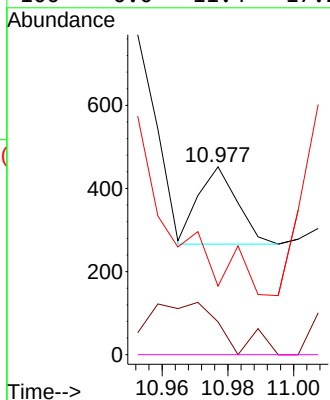
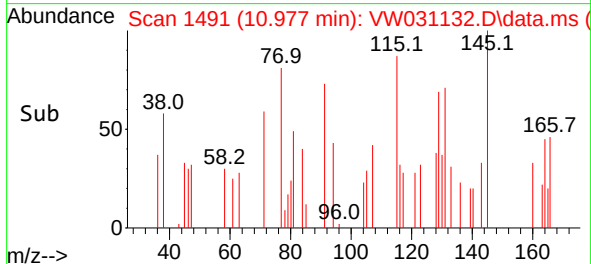
#48  
2-Hexanone  
Concen: 1.734 ug/L  
RT: 10.977 min Scan# 1491  
Delta R.T. 0.012 min  
Lab File: VW031132.D  
Acq: 04 Dec 2024 18:09

Instrument :  
MSVOA\_W  
ClientSampleId :



Tgt Ion: 43 Resp: 154

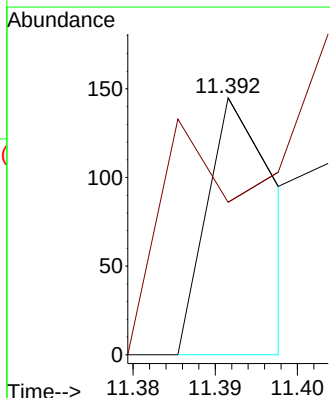
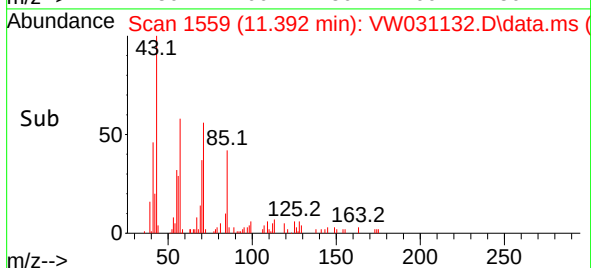
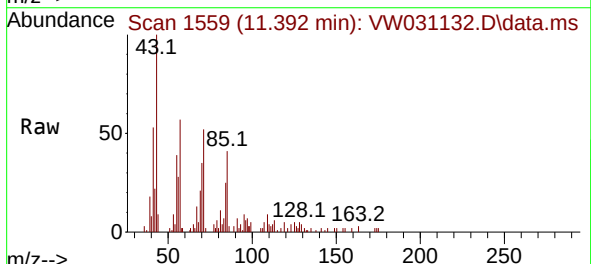
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 103.9 | 49.8  | 74.6# |
| 57  | 0.0   | 16.6  | 24.8# |
| 100 | 0.0   | 11.4  | 17.2# |

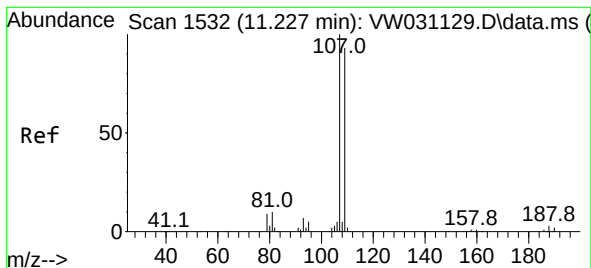


#49  
Dibromochloromethane  
Concen: 0.530 ug/L  
RT: 11.392 min Scan# 1559  
Delta R.T. 0.268 min  
Lab File: VW031132.D  
Acq: 04 Dec 2024 18:09

Tgt Ion: 129 Resp: 88

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 129 | 100   |       |       |
| 127 | 59.3  | 51.4  | 95.4  |

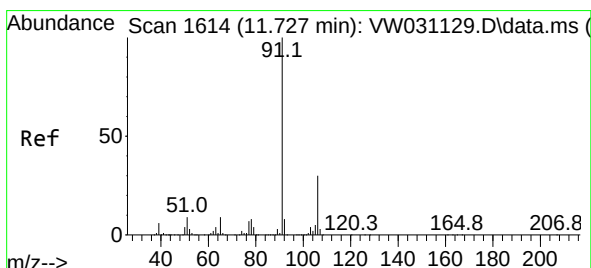
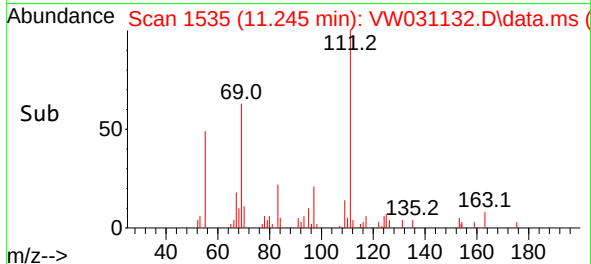
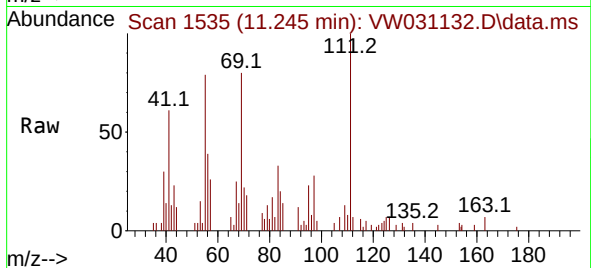




#50  
1,2-Dibromoethane  
Concen: 0.668 ug/L  
RT: 11.245 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: VW031132.D  
Acq: 04 Dec 2024 18:09

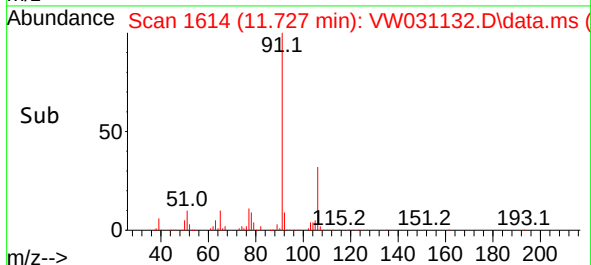
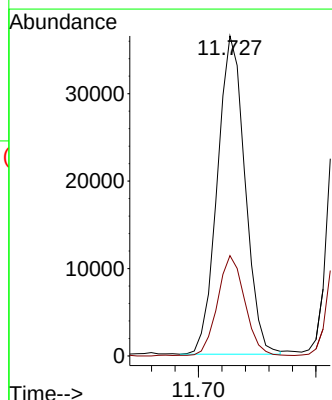
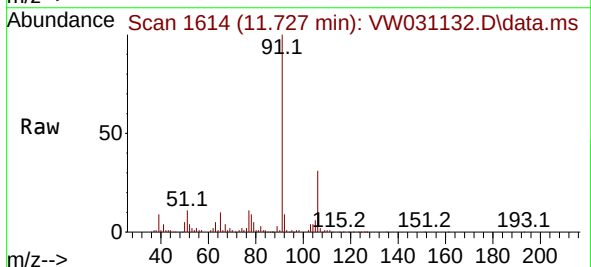
Instrument :  
MSVOA\_W  
ClientSampleId :

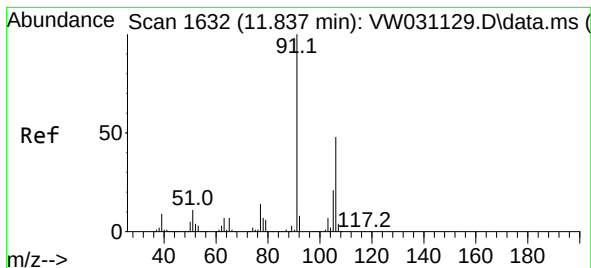
Tgt Ion:107 Resp: 94  
Ion Ratio Lower Upper  
107 100  
109 193.3 71.0 131.9#  
188 0.0 3.0 4.4#



#52  
Ethylbenzene  
Concen: 56.648 ug/L  
RT: 11.727 min Scan# 1614  
Delta R.T. -0.000 min  
Lab File: VW031132.D  
Acq: 04 Dec 2024 18:09

Tgt Ion: 91 Resp: 59597  
Ion Ratio Lower Upper  
91 100  
106 31.3 21.3 39.5

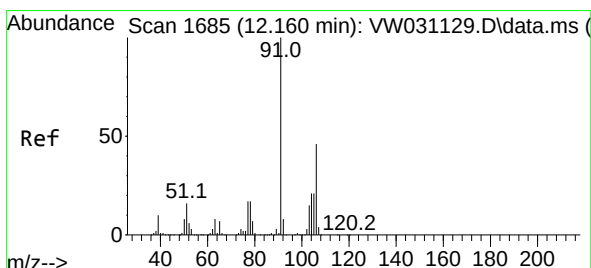
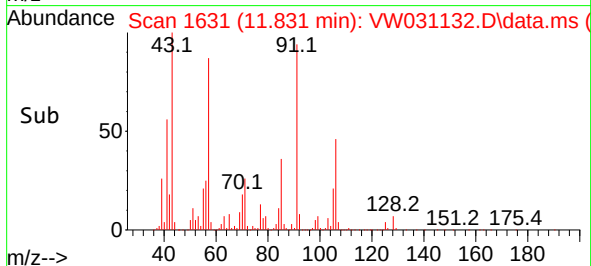
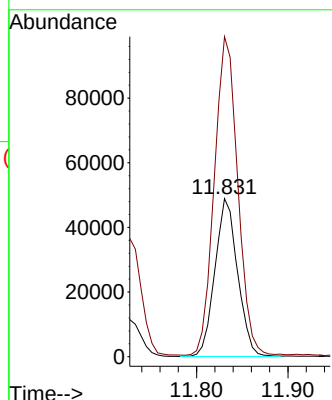
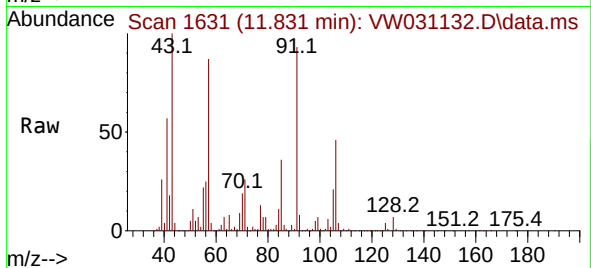




#53  
m,p-Xylene  
Concen: 214.846 ug/L  
RT: 11.831 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: VW031132.D  
Acq: 04 Dec 2024 18:09

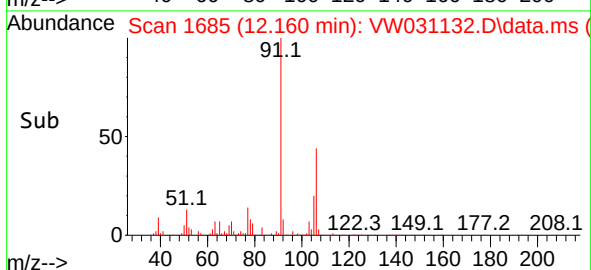
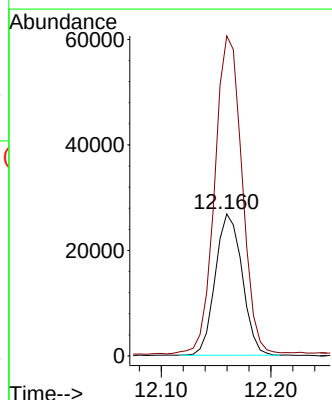
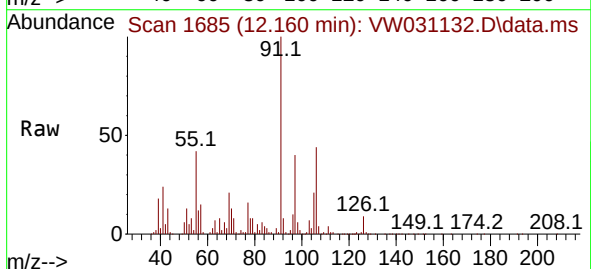
Instrument :  
MSVOA\_W  
ClientSampleId :

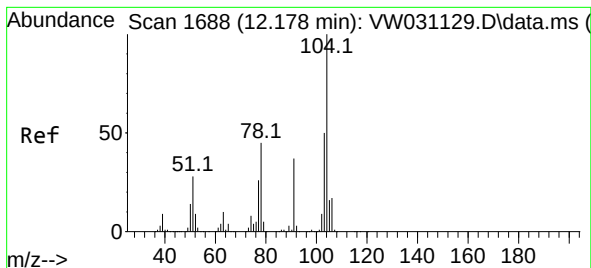
Tgt Ion:106 Resp: 84123  
Ion Ratio Lower Upper  
106 100  
91 202.5 140.9 261.7



#54  
o-Xylene  
Concen: 125.094 ug/L  
RT: 12.160 min Scan# 1685  
Delta R.T. -0.000 min  
Lab File: VW031132.D  
Acq: 04 Dec 2024 18:09

Tgt Ion:106 Resp: 45567  
Ion Ratio Lower Upper  
106 100  
91 225.2 152.7 283.5





#55

Styrene

Concen: 5.240 ug/L

RT: 12.166 min Scan# 1

Delta R.T. -0.012 min

Lab File: VW031132.D

Acq: 04 Dec 2024 18:09

Instrument :

MSVOA\_W

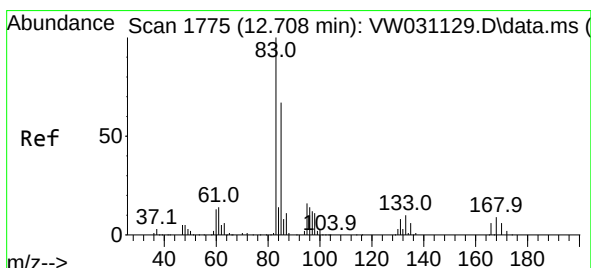
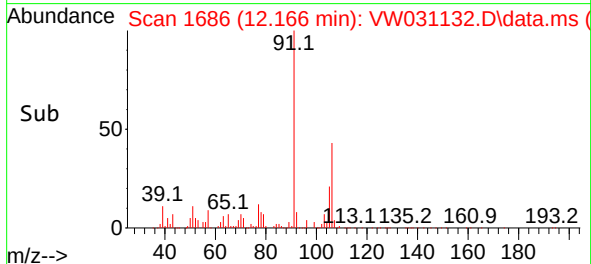
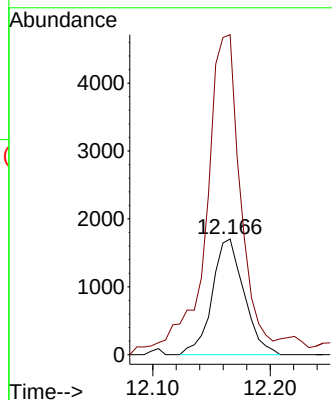
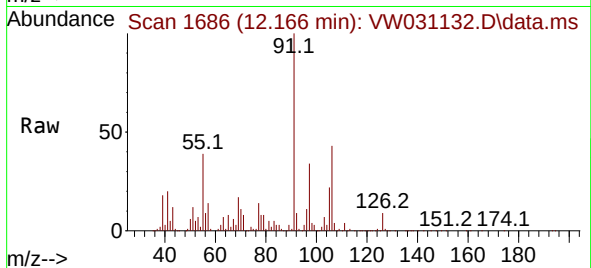
ClientSampleId :

Tgt Ion:104 Resp: 3213

Ion Ratio Lower Upper

104 100

78 276.4 30.2 56.0#



#57

1,1,2,2-Tetrachloroethane

Concen: 8.988 ug/L

RT: 12.739 min Scan# 1780

Delta R.T. 0.030 min

Lab File: VW031132.D

Acq: 04 Dec 2024 18:09

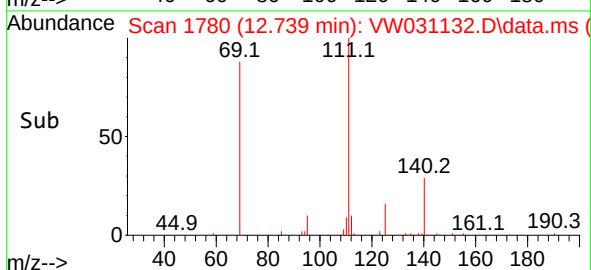
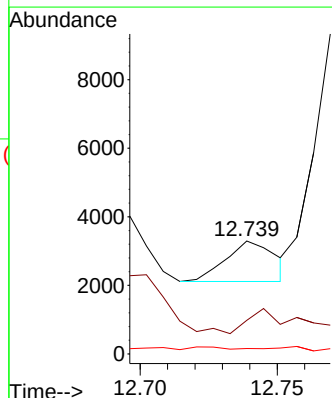
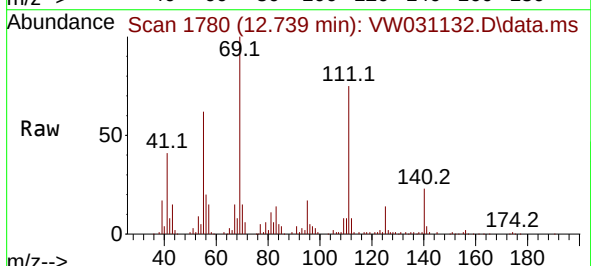
Tgt Ion: 83 Resp: 1467

Ion Ratio Lower Upper

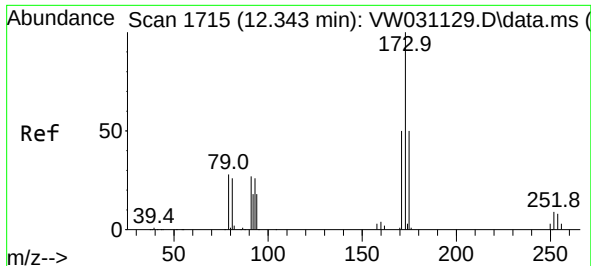
83 100

85 29.7 48.3 89.7#

131 4.8 8.9 13.3#

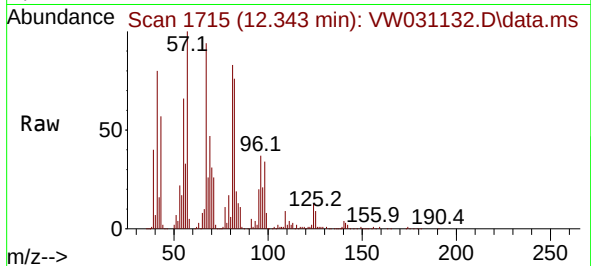




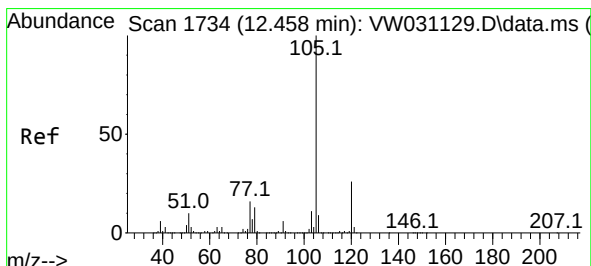
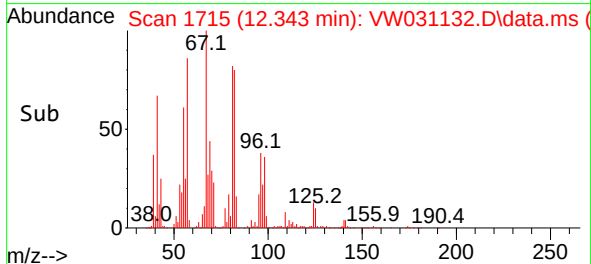
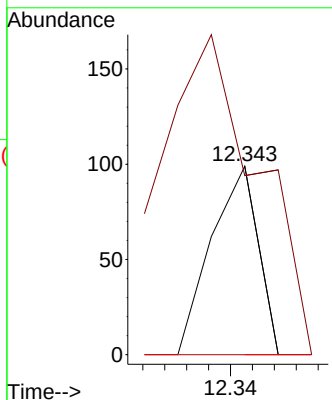


#59  
Bromoform  
Concen: 3.101 ug/L  
RT: 12.343 min Scan# 1715  
Delta R.T. -0.000 min  
Lab File: VW031132.D  
Acq: 04 Dec 2024 18:09

Instrument :  
MSVOA\_W  
ClientSampleId :

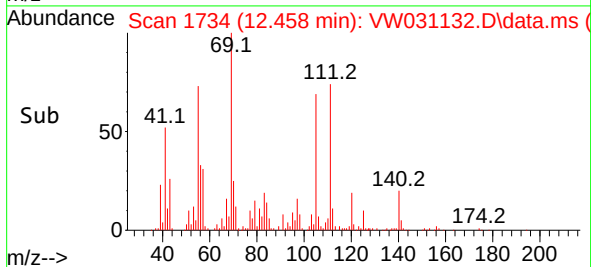
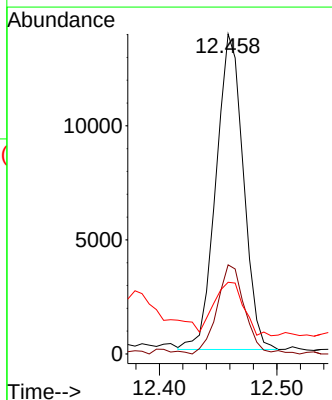
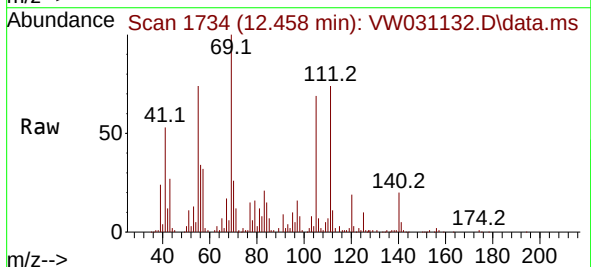


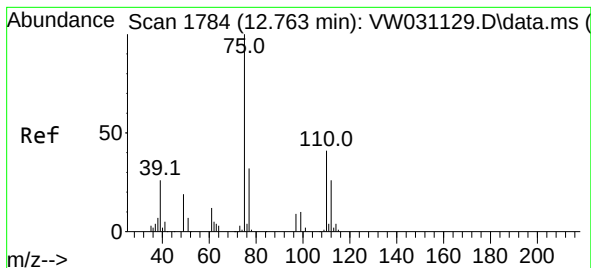
Tgt Ion:173 Resp: 59  
Ion Ratio Lower Upper  
173 100  
175 349.2 36.6 54.8#  
254 0.0 7.7 11.5#



#60  
Isopropylbenzene  
Concen: 106.578 ug/L  
RT: 12.458 min Scan# 1734  
Delta R.T. -0.000 min  
Lab File: VW031132.D  
Acq: 04 Dec 2024 18:09

Tgt Ion:105 Resp: 22401  
Ion Ratio Lower Upper  
105 100  
120 28.0 21.5 32.3  
77 17.7 12.3 18.5





#61

1,2,3-Trichloropropane

Concen: 5.097 ug/L

RT: 12.757 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031132.D

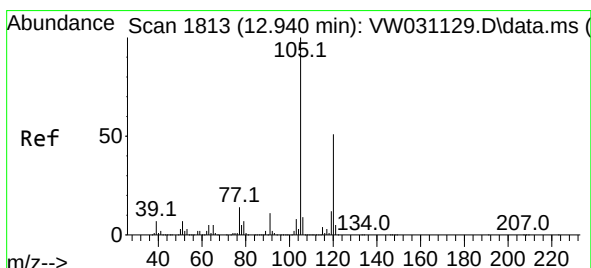
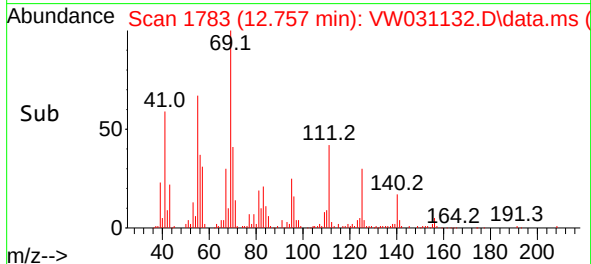
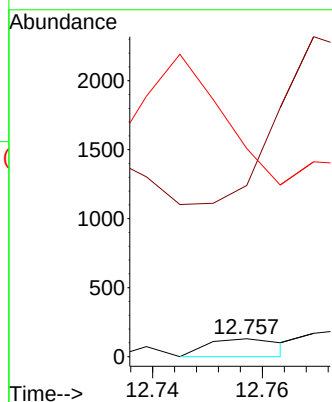
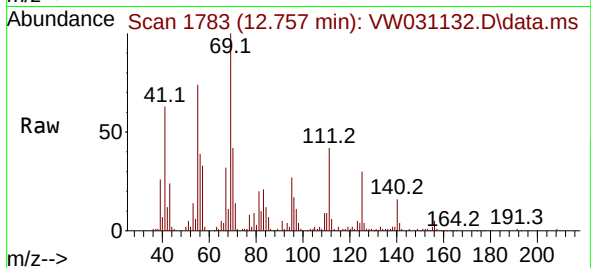
Acq: 04 Dec 2024 18:09

Instrument :

MSVOA\_W

ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 124   |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 0.0   | 25.4  | 38.2# |
| 110       | 0.0   | 33.1  | 49.7# |



#62

1,3,5-Trimethylbenzene

Concen: 591.996 ug/L

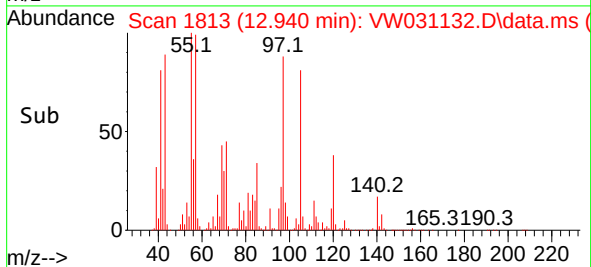
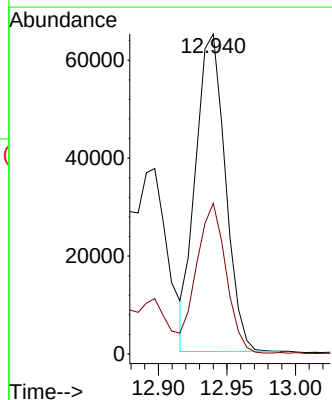
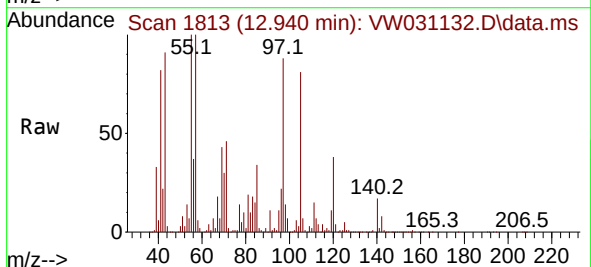
RT: 12.940 min Scan# 1813

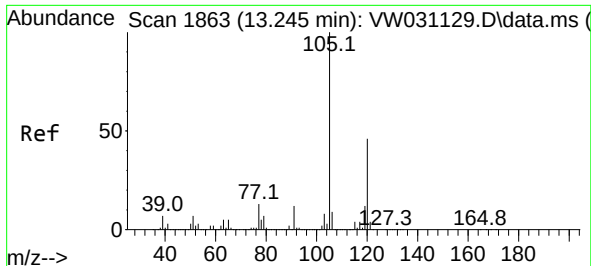
Delta R.T. -0.000 min

Lab File: VW031132.D

Acq: 04 Dec 2024 18:09

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 97980 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 120       | 46.8  | 40.5  | 60.7  |

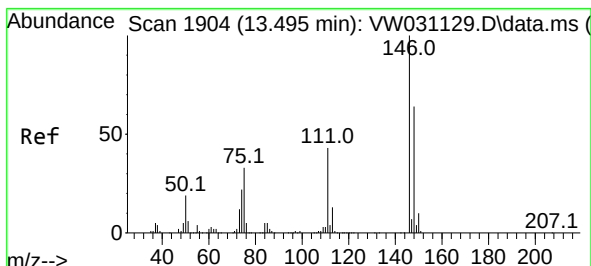
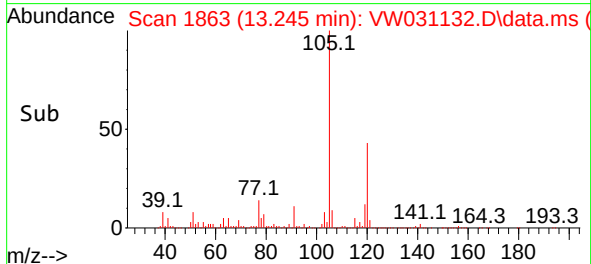
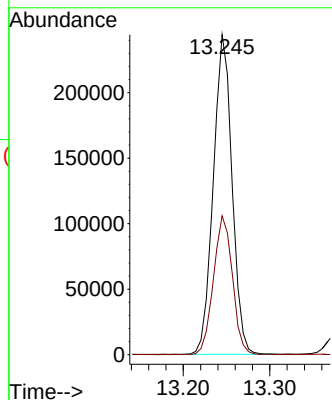
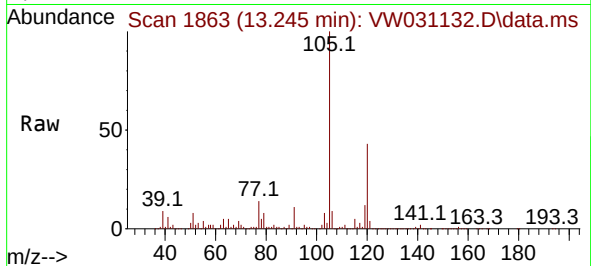




#63  
1,2,4-Trimethylbenzene  
Concen: 2257.961 ug/L  
RT: 13.245 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VW031132.D  
Acq: 04 Dec 2024 18:09

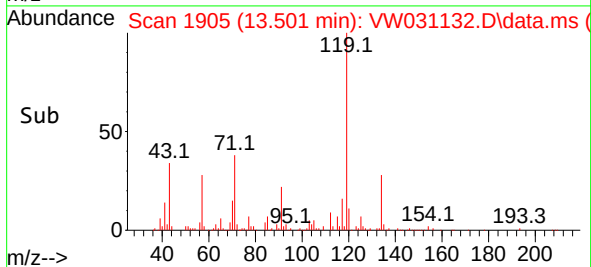
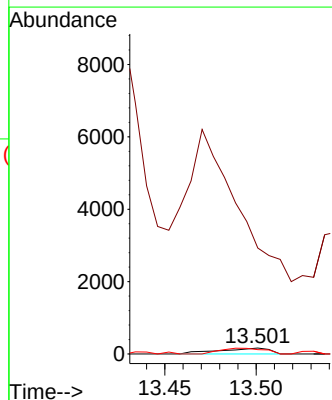
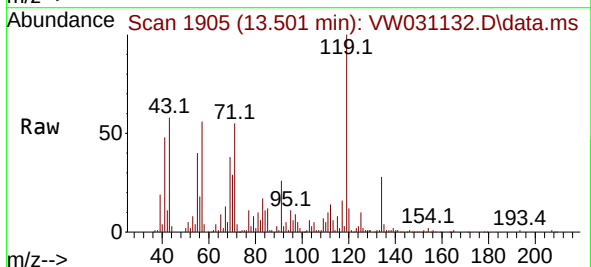
Instrument :  
MSVOA\_W  
ClientSampleId :

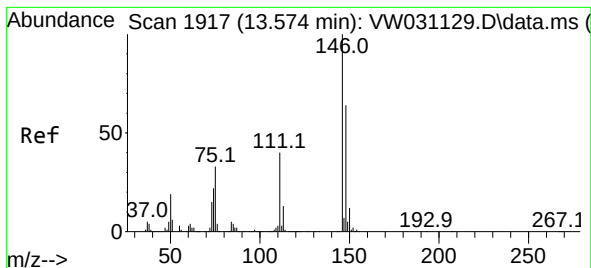
Tgt Ion:105 Resp: 367115  
Ion Ratio Lower Upper  
105 100  
120 43.7 35.4 53.0



#64  
1,3-Dichlorobenzene  
Concen: 3.415 ug/L  
RT: 13.501 min Scan# 1905  
Delta R.T. 0.006 min  
Lab File: VW031132.D  
Acq: 04 Dec 2024 18:09

Tgt Ion:146 Resp: 313  
Ion Ratio Lower Upper  
146 100  
111 1763.3 28.5 52.9#  
148 72.9 44.1 81.9





#65

1,4-Dichlorobenzene

Concen: 4.201 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW031132.D

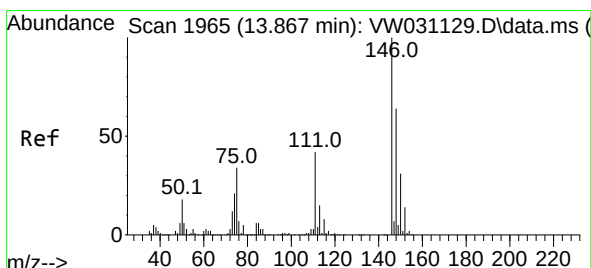
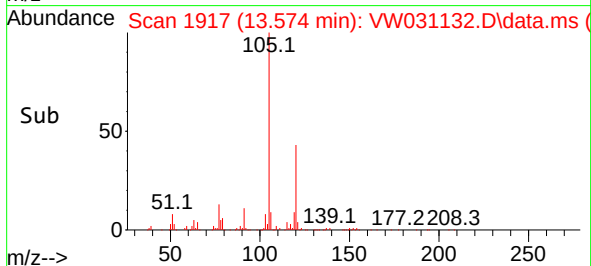
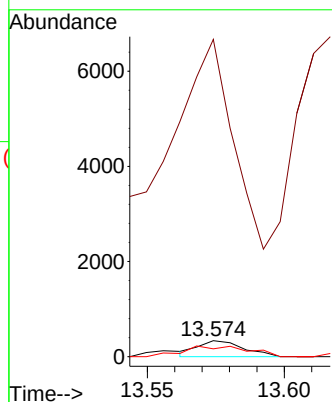
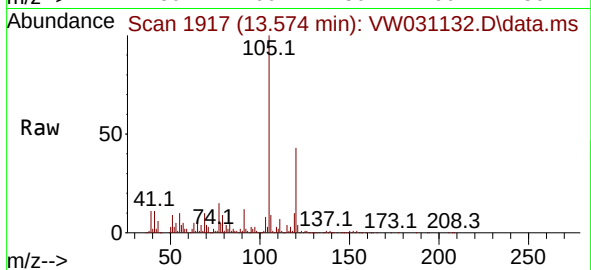
Acq: 04 Dec 2024 18:09

Instrument :

MSVOA\_W

ClientSampleId :

Tgt Ion:146 Resp: 389  
 Ion Ratio Lower Upper  
 146 100  
 111 1991.0 26.6 49.4#  
 148 49.3 42.1 78.1



#67

1,2-Dichlorobenzene

Concen: 3.155 ug/L

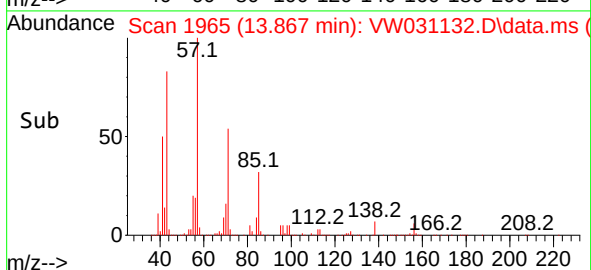
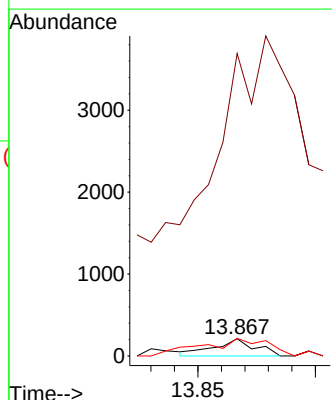
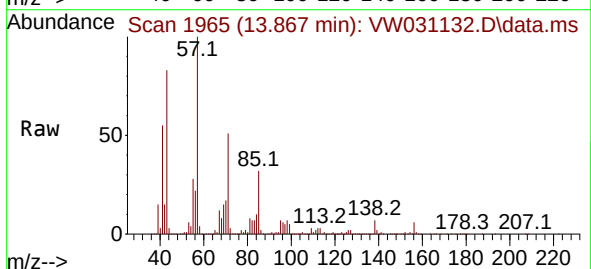
RT: 13.867 min Scan# 1965

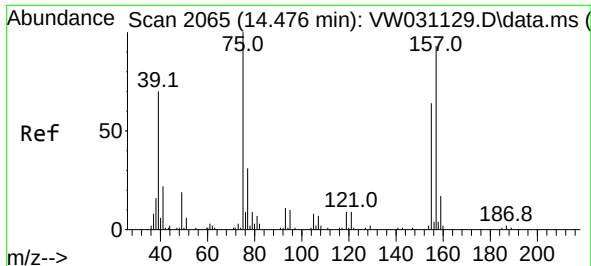
Delta R.T. -0.000 min

Lab File: VW031132.D

Acq: 04 Dec 2024 18:09

Tgt Ion:146 Resp: 253  
 Ion Ratio Lower Upper  
 146 100  
 111 1750.2 30.9 46.3#  
 148 101.9 50.0 75.0#





#68

1,2-Dibromo-3-chloropropane

Concen: 472.312 ug/L

RT: 14.446 min Scan# 2065

Delta R.T. -0.031 min

Lab File: VW031132.D

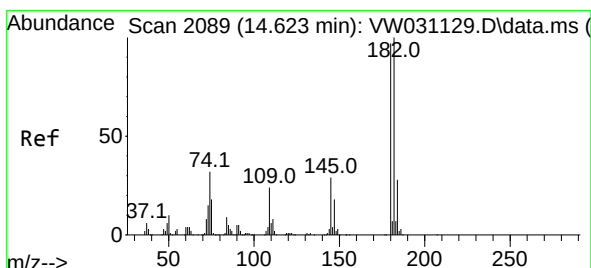
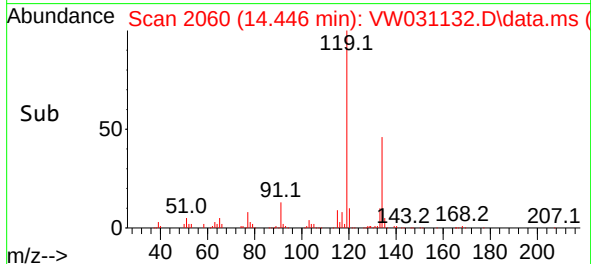
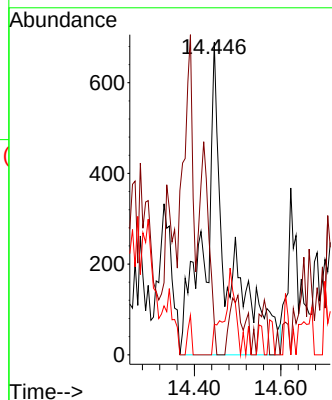
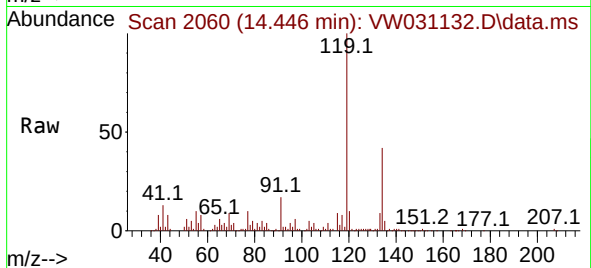
Acq: 04 Dec 2024 18:09

Instrument :

MSVOA\_W

ClientSampleId :

Tgt Ion: 75 Resp: 2495  
 Ion Ratio Lower Upper  
 75 100  
 155 10.4 63.1 94.7#  
 157 9.7 82.1 123.1#



#69

1,3,5-Trichlorobenzene

Concen: 4.993 ug/L

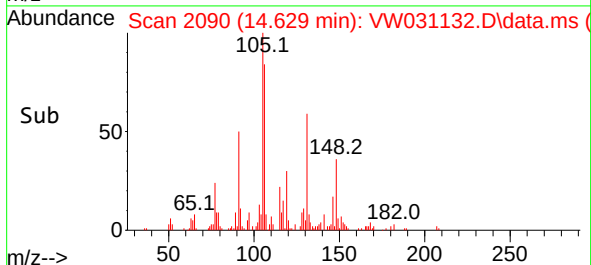
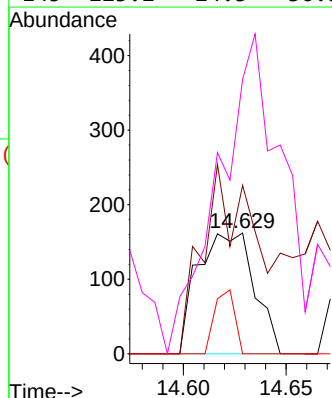
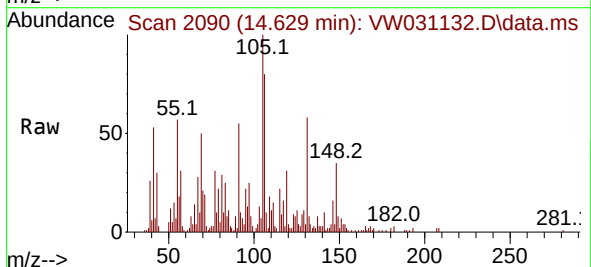
RT: 14.629 min Scan# 2090

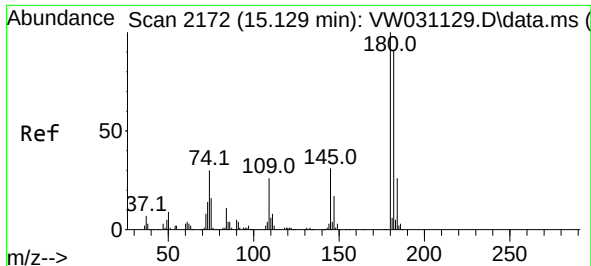
Delta R.T. 0.006 min

Lab File: VW031132.D

Acq: 04 Dec 2024 18:09

Tgt Ion: 180 Resp: 311  
 Ion Ratio Lower Upper  
 180 100  
 182 49.8 78.2 117.2#  
 184 0.0 24.0 36.0#  
 145 223.2 24.3 36.5#

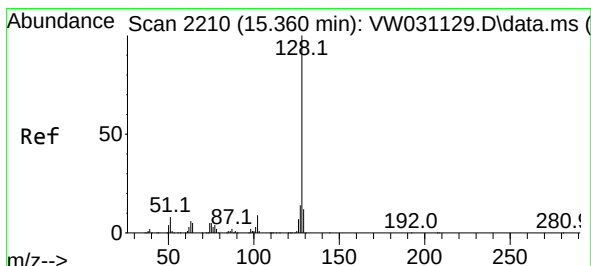
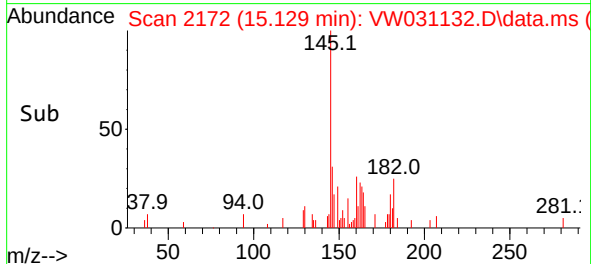
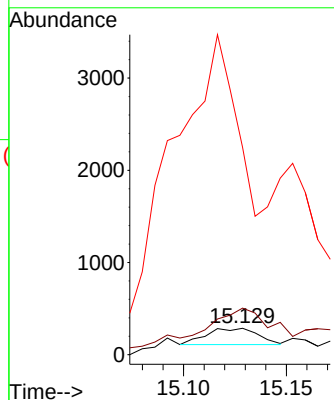
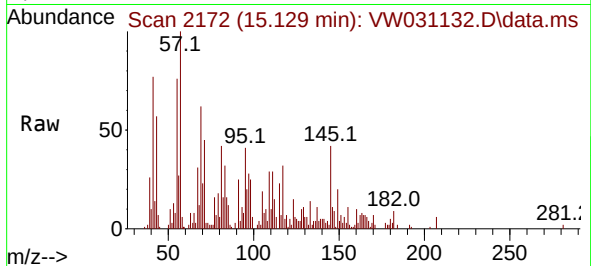




#70  
1,2,4-trichlorobenzene  
Concen: 6.348 ug/L  
RT: 15.129 min Scan# 2172  
Delta R.T. 0.006 min  
Lab File: VW031132.D  
Acq: 04 Dec 2024 18:09

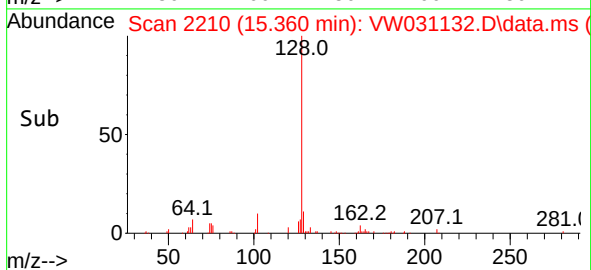
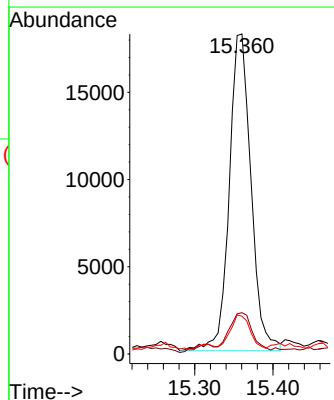
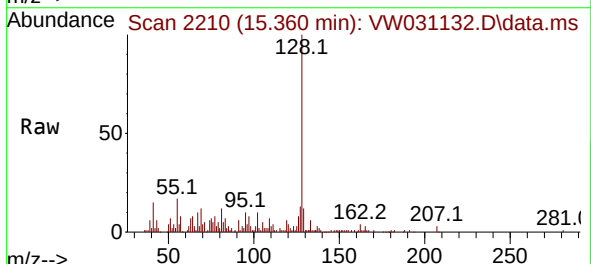
Instrument :  
MSVOA\_W  
ClientSampleId :

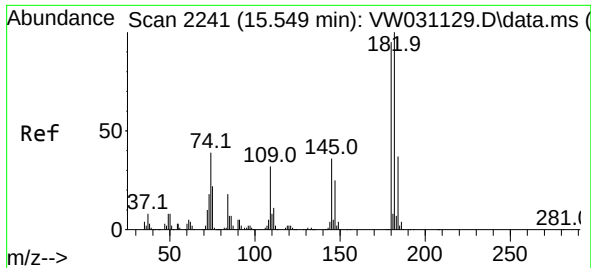
Tgt Ion:180 Resp: 310  
Ion Ratio Lower Upper  
180 100  
182 215.5 76.1 114.1#  
145 2417.7 25.7 38.5#



#71  
Naphthalene  
Concen: 446.111 ug/L  
RT: 15.360 min Scan# 2210  
Delta R.T. -0.000 min  
Lab File: VW031132.D  
Acq: 04 Dec 2024 18:09

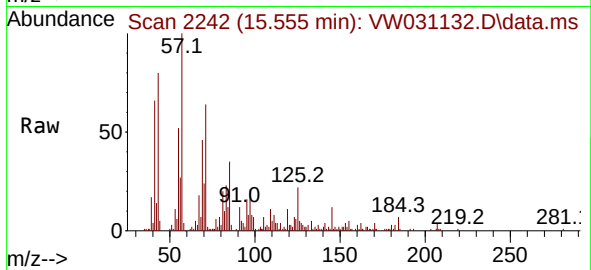
Tgt Ion:128 Resp: 35099  
Ion Ratio Lower Upper  
128 100  
127 12.7 10.4 15.6  
129 9.3 8.3 12.5





#72  
 1,2,3-Trichlorobenzene  
 Concen: 4.474 ug/L  
 RT: 15.555 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: VW031132.D  
 Acq: 04 Dec 2024 18:09

Instrument :  
 MSVOA\_W  
 ClientSampleId :



Tgt Ion:180 Resp: 187  
 Ion Ratio Lower Upper  
 180 100  
 182 429.4 78.7 118.1#  
 145 1315.0 26.3 39.5#

