

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082323\  
 Data File : VW026810.D  
 Acq On : 23 Aug 2023 12:17  
 Operator : SY/MD  
 Sample : 04108-12  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Aug 24 01:42:19 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Aug 23 01:29:10 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.837  | 114   | 550548   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 523525   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 281617   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.357  | 65    | 159450   | 17.618   | ug/L   | -0.01    |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 70.480%  |
| 7) Chloroethane-d5            | 2.893  | 69    | 120406   | 17.891   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 71.560%  |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 88519    | 19.886   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 79.560%  |
| 21) 2-Butanone-d5             | 7.075  | 46    | 100161   | 38.505   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 77.000%  |
| 24) Chloroform-d              | 7.648  | 84    | 441233   | 23.879   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 95.520%  |
| 26) 1,2-Dichloroethane-d4     | 8.301  | 65    | 224279   | 21.994   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 87.960%  |
| 32) Benzene-d6                | 8.270  | 84    | 795468   | 22.047   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 88.200%  |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 247014   | 21.978   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 87.920%  |
| 41) Toluene-d8                | 10.319 | 98    | 723387   | 23.356   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 93.440%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 103806   | 22.370   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 89.480%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 53395    | 45.214   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 90.420%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 216608   | 24.405   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 97.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 222445   | 22.068   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 88.280%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 12) 1,1-Dichloroethene        | 4.045  | 96    | 262661   | 32.278   | ug/L   | 84       |
| 13) Acetone                   | 4.125  | 43    | 441850   | 170.835  | ug/L   | 96       |
| 16) Methylene chloride        | 4.917  | 84    | 392271   | 36.834   | ug/L   | 97       |
| 17) trans-1,2-Dichloroethene  | 5.423  | 96    | 678293   | 74.696   | ug/L   | 97       |
| 18) Methyl tert-butyl Ether   | 5.423  | 73    | 645922   | 47.011   | ug/L   | 97       |
| 19) 1,1-Dichloroethane        | 6.210  | 63    | 934312   | 49.992   | ug/L   | 99       |
| 20) cis-1,2-Dichloroethene    | 7.167  | 96    | 696647   | 71.375   | ug/L   | 96       |
| 22) 2-Butanone                | 7.167  | 43    | 307830   | 80.761   | ug/L   | 93       |
| 25) Chloroform                | 7.673  | 83    | 1389052  | 76.932   | ug/L   | 99       |
| 27) 1,2-Dichloroethane        | 8.398  | 62    | 255825   | 20.310   | ug/L   | 98       |
| 31) Carbon tetrachloride      | 8.063  | 117   | 155974   | 12.485   | ug/L   | 95       |
| 33) Benzene                   | 8.325  | 78    | 2117119  | 55.532   | ug/L   | 100      |
| 34) Trichloroethene           | 9.087  | 95    | 771882   | 79.494   | ug/L   | 97       |
| 37) 1,2-Dichloropropane       | 9.368  | 63    | 416923   | 39.925   | ug/L   | 99       |
| 38) Bromodichloromethane      | 9.642  | 83    | 666359   | 54.395   | ug/L   | 98       |
| 39) cis-1,3-Dichloropropene   | 10.069 | 75    | 1027263  | 68.381   | ug/L   | 98       |
| 40) 4-Methyl-2-pentanone      | 10.203 | 43    | 1244087  | 183.153  | ug/L   | 96       |
| 42) Toluene                   | 10.386 | 91    | 2611862  | 67.724   | ug/L   | 100      |
| 44) trans-1,3-Dichloropropene | 10.605 | 75    | 123309   | 9.536    | ug/L   | 96       |

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Quant Time: Aug 24 01:42:19 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Aug 23 01:29:10 2023  
 Response via : Initial Calibration

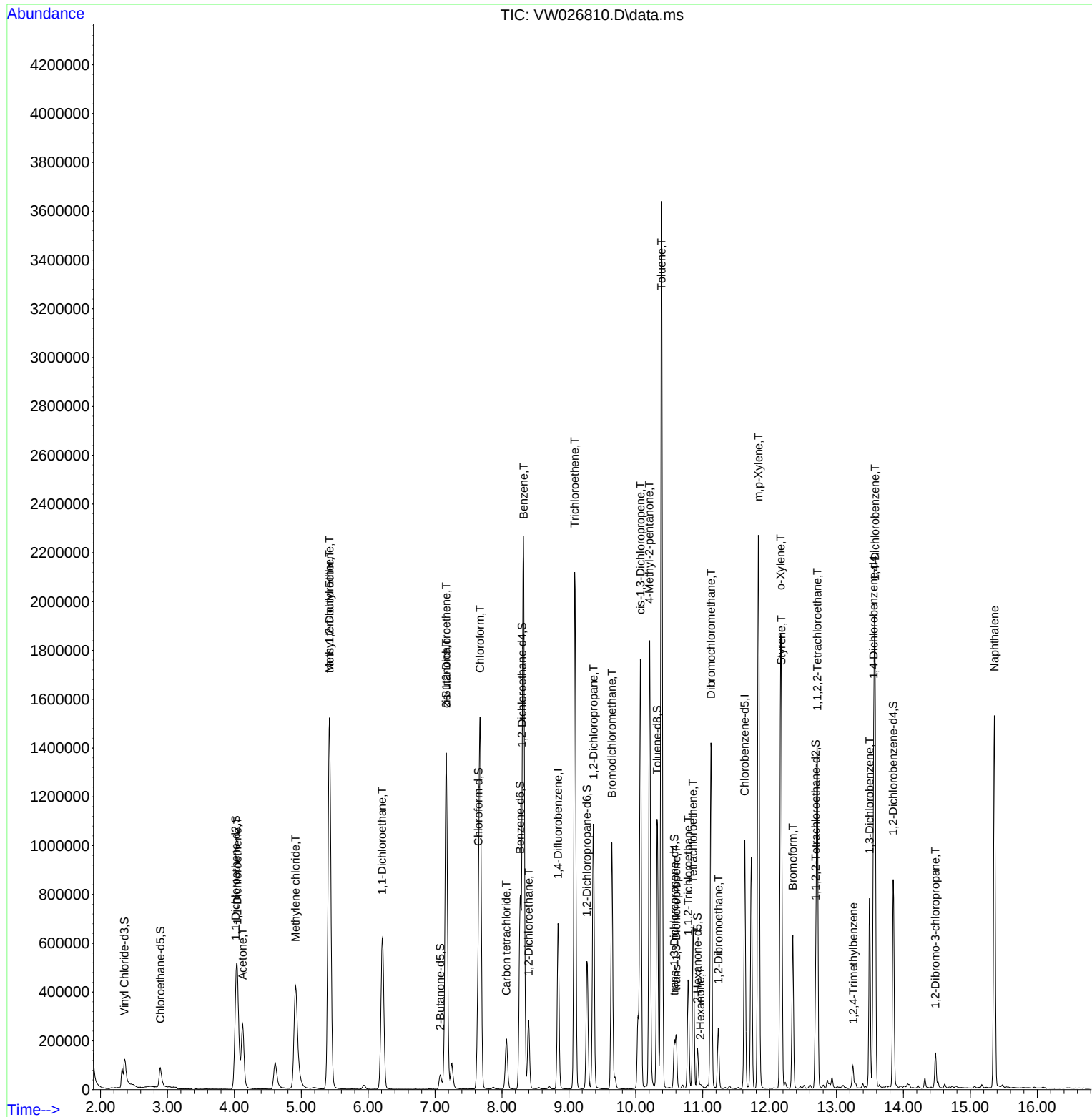
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| 45) 1,1,2-Trichloroethane     | 10.782 | 97   | 138606   | 19.408  | ug/L   | 97       |
| 46) Tetrachloroethene         | 10.855 | 164  | 150892   | 21.390  | ug/L   | 98       |
| 48) 2-Hexanone                | 10.965 | 43   | 9248     | 2.001   | ug/L # | 88       |
| 49) Dibromochloromethane      | 11.123 | 129  | 753225   | 100.839 | ug/L   | 91       |
| 50) 1,2-Dibromoethane         | 11.233 | 107  | 165573   | 24.708  | ug/L   | 93       |
| 53) m,p-Xylene                | 11.837 | 106  | 705996   | 44.064  | ug/L   | 85       |
| 54) o-Xylene                  | 12.166 | 106  | 325711   | 21.782  | ug/L   | 95       |
| 55) Styrene                   | 12.178 | 104  | 549840   | 21.148  | ug/L   | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 12.715 | 83   | 696479   | 77.003  | ug/L   | 100      |
| 59) Bromoform                 | 12.349 | 173  | 277840   | 62.980  | ug/L   | 96       |
| 63) 1,2,4-Trimethylbenzene    | 13.251 | 105  | 33111    | 1.021   | ug/L   | 92       |
| 64) 1,3-Dichlorobenzene       | 13.495 | 146  | 283327   | 15.560  | ug/L   | 94       |
| 65) 1,4-Dichlorobenzene       | 13.574 | 146  | 659679   | 34.714  | ug/L   | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 14.476 | 75   | 38509    | 23.384  | ug/L   | 96       |
| 71) Naphthalene               | 15.360 | 128  | 1246422  | 62.647  | ug/L   | 99       |
| -----                         |        |      |          |         |        |          |

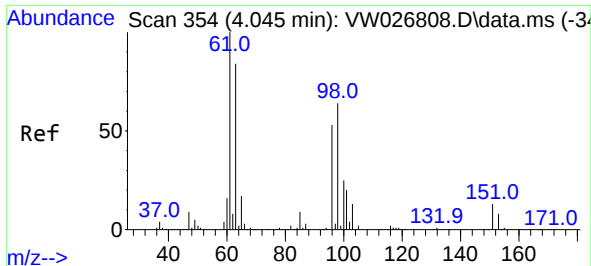
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 32.278 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.006 min

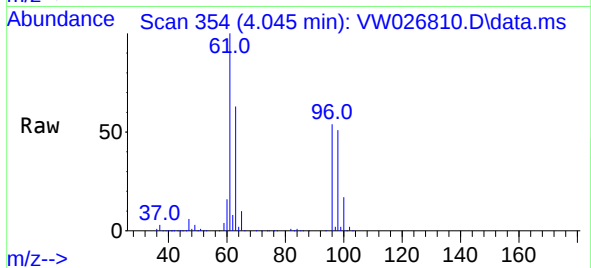
Lab File: VW026810.D

Acq: 23 Aug 2023 12:17

Instrument :

MSVOA\_W

ClientSampleId :



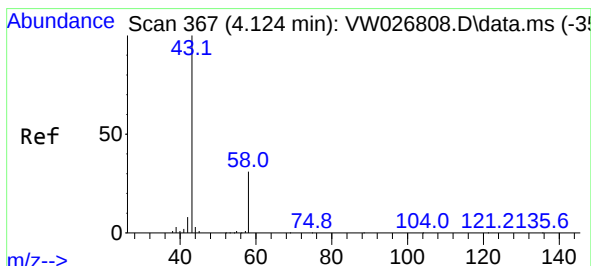
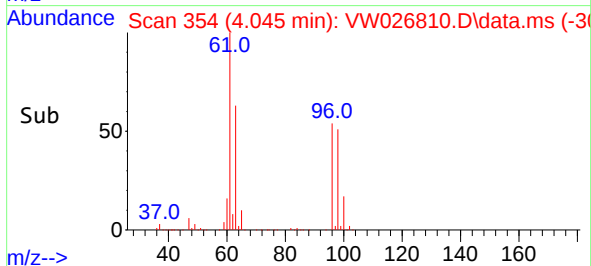
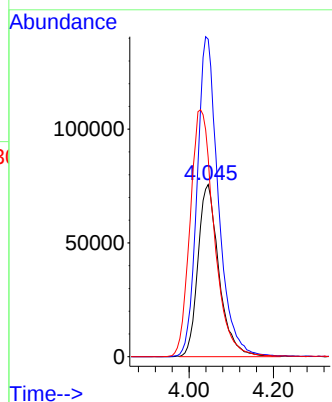
Tgt Ion: 96 Resp: 262661

Ion Ratio Lower Upper

96 100

61 184.4 133.2 247.4

63 115.6 109.0 202.4



#13

Acetone

Concen: 170.835 ug/L

RT: 4.125 min Scan# 367

Delta R.T. -0.000 min

Lab File: VW026810.D

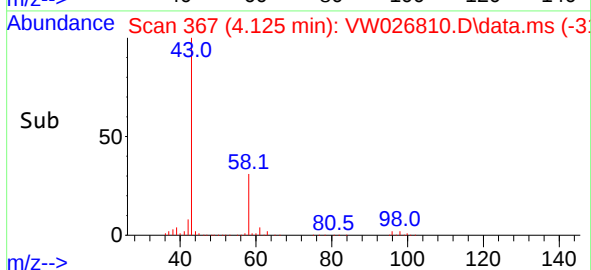
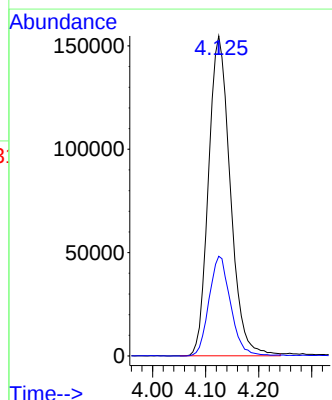
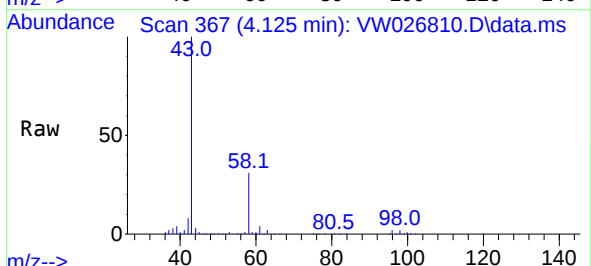
Acq: 23 Aug 2023 12:17

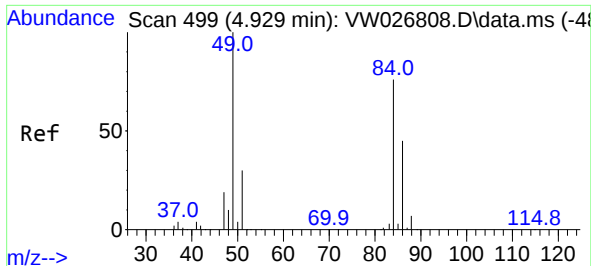
Tgt Ion: 43 Resp: 441850

Ion Ratio Lower Upper

43 100

58 30.8 0.0 57.4

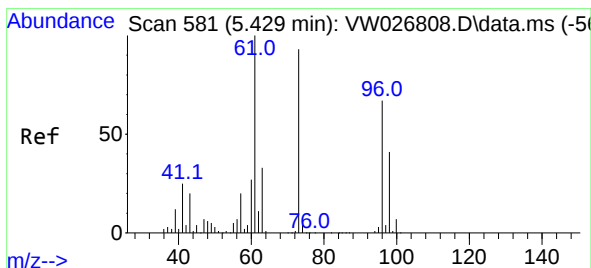
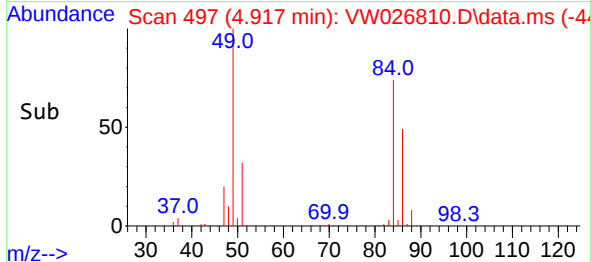
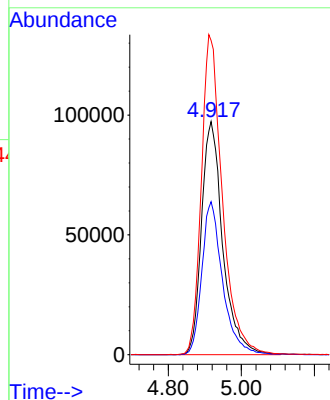
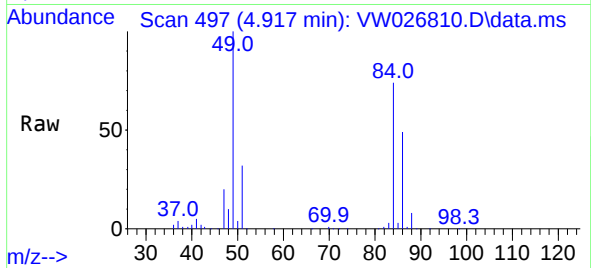




#16  
Methylene chloride  
Concen: 36.834 ug/L  
RT: 4.917 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VW026810.D  
Acq: 23 Aug 2023 12:17

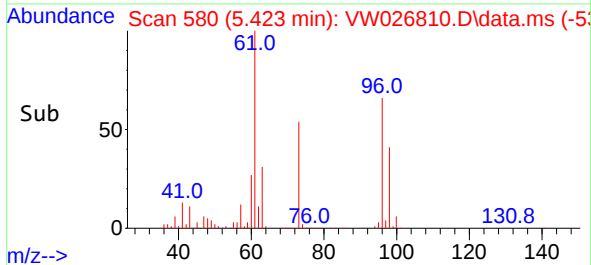
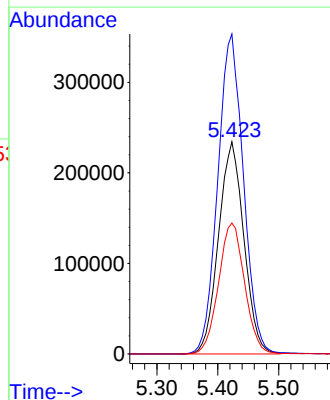
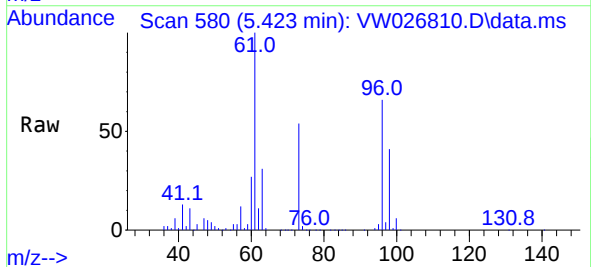
Instrument :  
MSVOA\_W  
ClientSampleId :

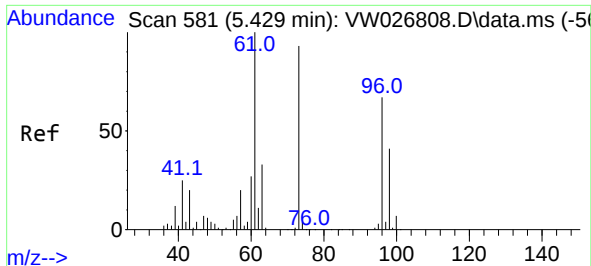
Tgt Ion: 84 Resp: 392271  
Ion Ratio Lower Upper  
84 100  
86 65.6 43.5 80.9  
49 134.7 96.0 178.2



#17  
trans-1,2-Dichloroethene  
Concen: 74.696 ug/L  
RT: 5.423 min Scan# 580  
Delta R.T. -0.006 min  
Lab File: VW026810.D  
Acq: 23 Aug 2023 12:17

Tgt Ion: 96 Resp: 678293  
Ion Ratio Lower Upper  
96 100  
61 150.8 109.4 203.2  
98 61.6 43.6 81.0

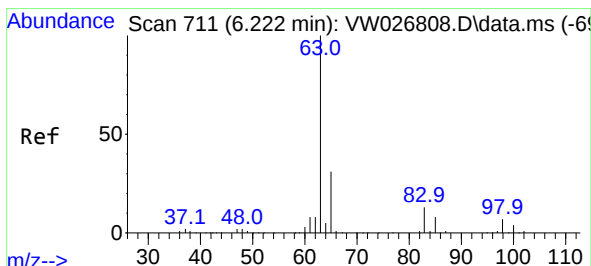
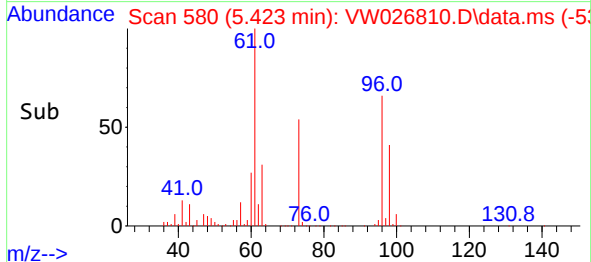
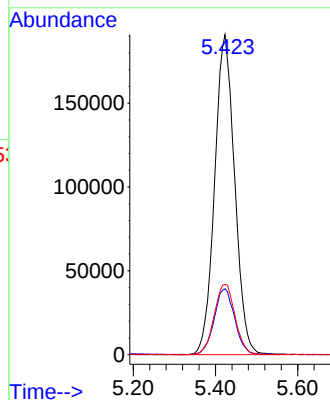
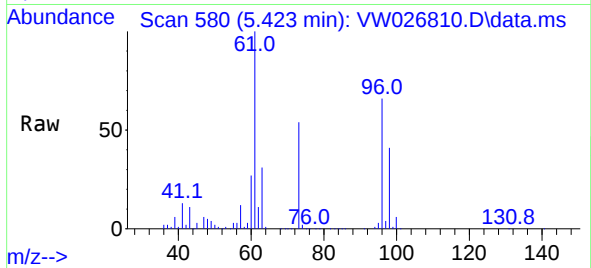




#18  
Methyl tert-butyl Ether  
Concen: 47.011 ug/L  
RT: 5.423 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VW026810.D  
Acq: 23 Aug 2023 12:17

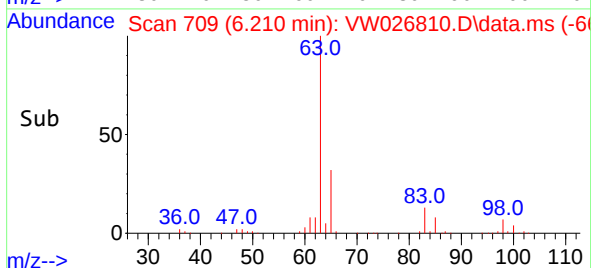
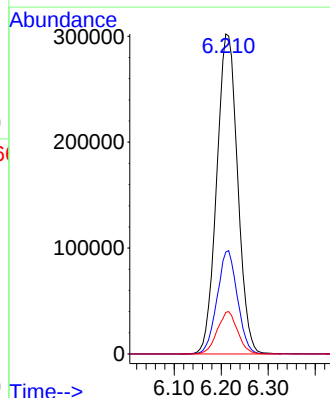
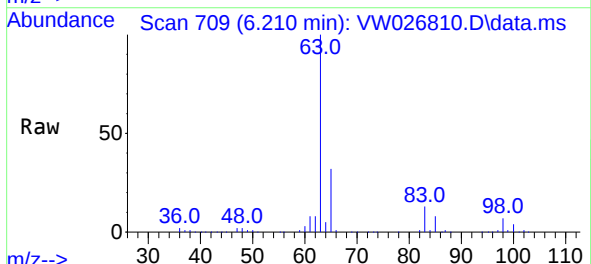
Instrument :  
MSVOA\_W  
ClientSampleId :

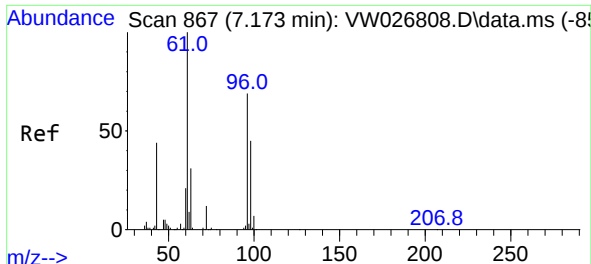
Tgt Ion: 73 Resp: 645922  
Ion Ratio Lower Upper  
73 100  
43 20.9 18.0 27.0  
57 23.1 19.3 28.9



#19  
1,1-Dichloroethane  
Concen: 49.992 ug/L  
RT: 6.210 min Scan# 709  
Delta R.T. -0.006 min  
Lab File: VW026810.D  
Acq: 23 Aug 2023 12:17

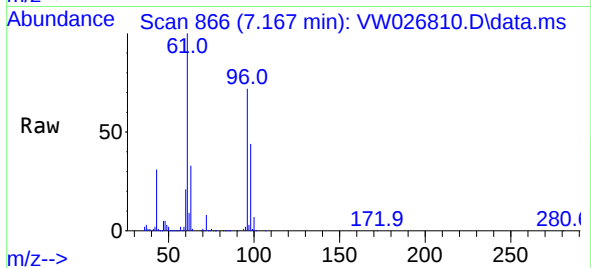
Tgt Ion: 63 Resp: 934312  
Ion Ratio Lower Upper  
63 100  
65 31.9 21.8 40.6  
83 13.0 9.0 16.6





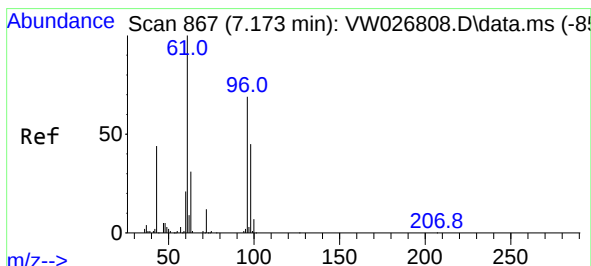
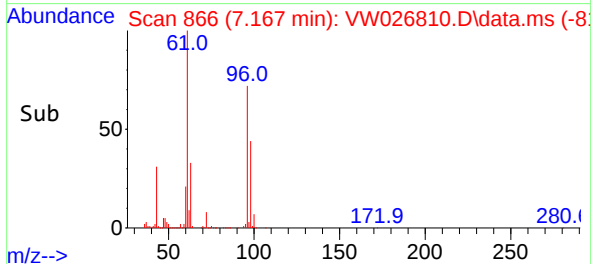
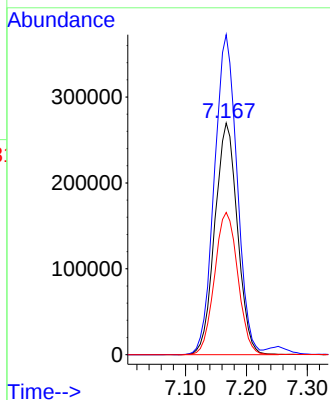
#20  
 cis-1,2-Dichloroethene  
 Concen: 71.375 ug/L  
 RT: 7.167 min Scan# 866  
 Delta R.T. -0.000 min  
 Lab File: VW026810.D  
 Acq: 23 Aug 2023 12:17

Instrument :  
 MSVOA\_W  
 ClientSampleId :



Tgt Ion: 96 Resp: 696647

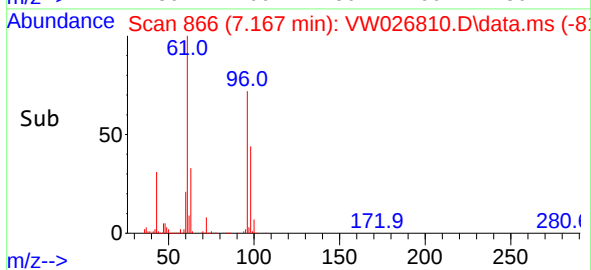
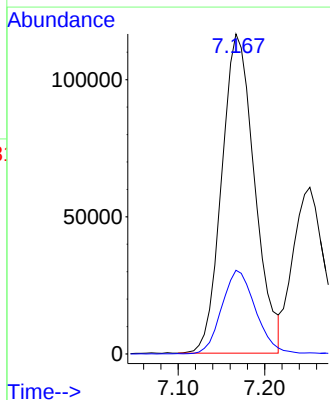
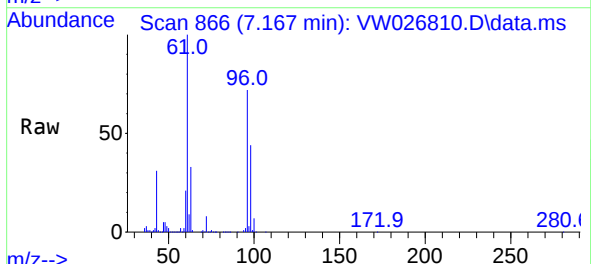
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 138.1 | 101.2 | 188.0 |
| 98  | 61.4  | 43.8  | 81.3  |

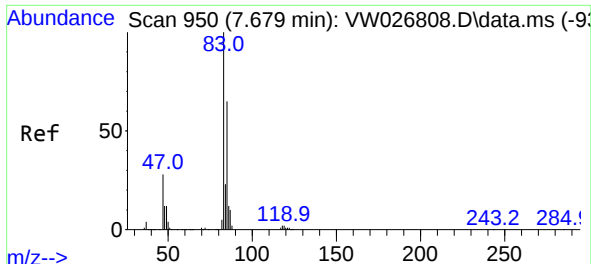


#22  
 2-Butanone  
 Concen: 80.761 ug/L  
 RT: 7.167 min Scan# 866  
 Delta R.T. -0.006 min  
 Lab File: VW026810.D  
 Acq: 23 Aug 2023 12:17

Tgt Ion: 43 Resp: 307830

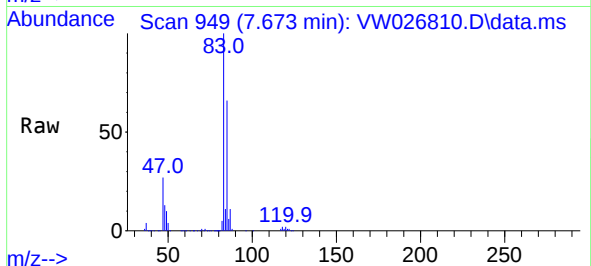
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 72  | 26.8  | 11.8  | 35.4  |



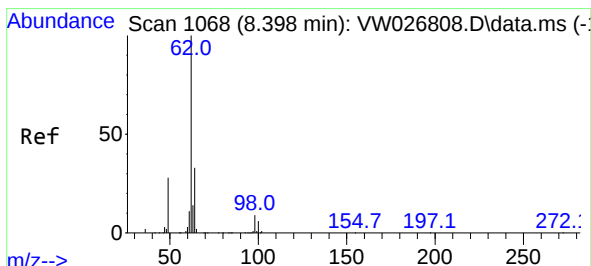
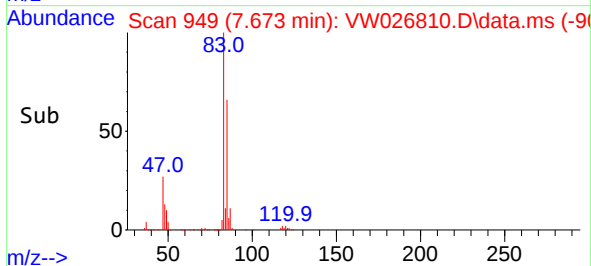
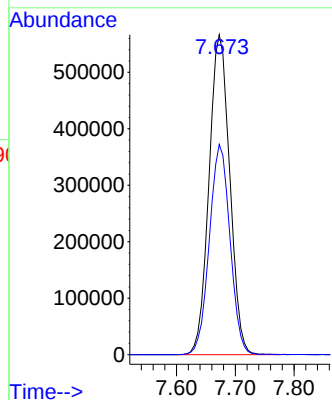


#25  
Chloroform  
Concen: 76.932 ug/L  
RT: 7.673 min Scan# 949  
Delta R.T. -0.006 min  
Lab File: VW026810.D  
Acq: 23 Aug 2023 12:17

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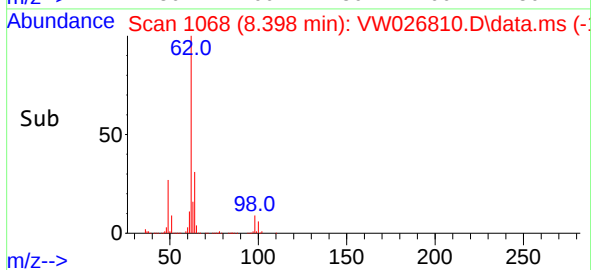
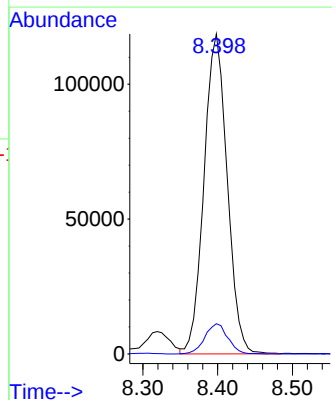
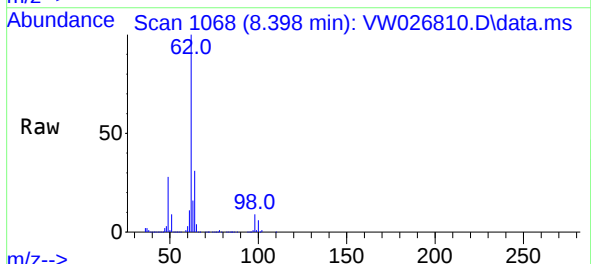


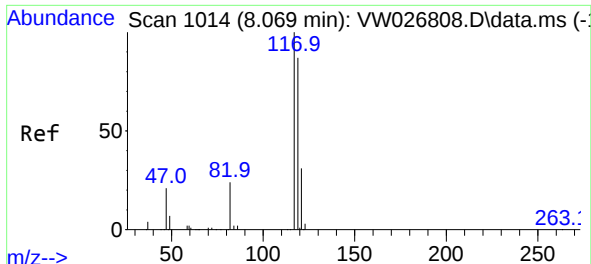
Tgt Ion: 83 Resp: 1389052  
Ion Ratio Lower Upper  
83 100  
85 65.7 45.4 84.2



#27  
1,2-Dichloroethane  
Concen: 20.310 ug/L  
RT: 8.398 min Scan# 1068  
Delta R.T. -0.000 min  
Lab File: VW026810.D  
Acq: 23 Aug 2023 12:17

Tgt Ion: 62 Resp: 255825  
Ion Ratio Lower Upper  
62 100  
98 9.5 7.1 10.7

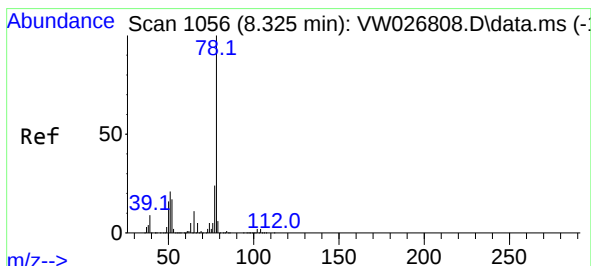
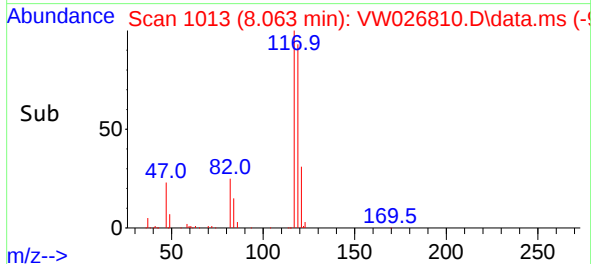
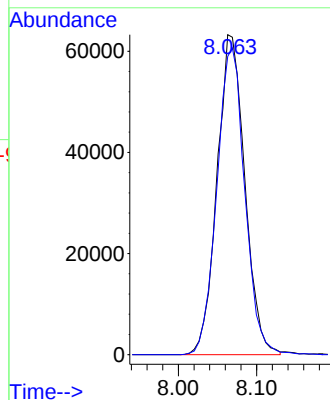
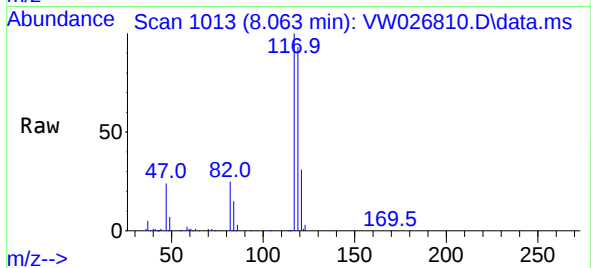




#31  
Carbon tetrachloride  
Concen: 12.485 ug/L  
RT: 8.063 min Scan# 1014  
Delta R.T. -0.006 min  
Lab File: VW026810.D  
Acq: 23 Aug 2023 12:17

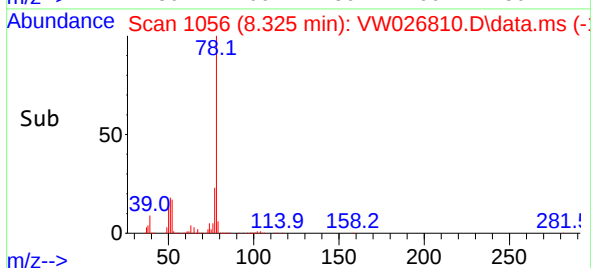
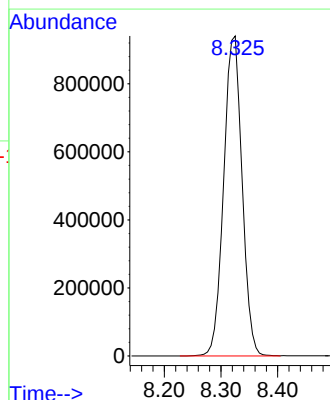
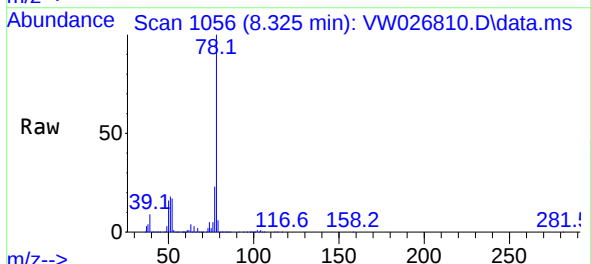
Instrument :  
MSVOA\_W  
ClientSampleId :

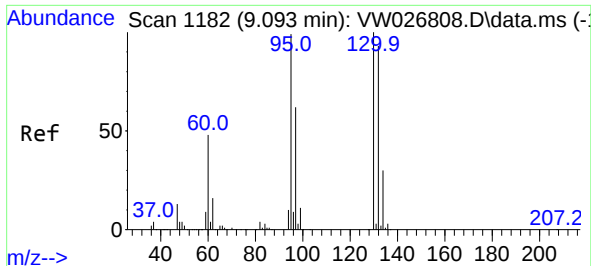
Tgt Ion:117 Resp: 155974  
Ion Ratio Lower Upper  
117 100  
119 96.4 73.0 109.4



#33  
Benzene  
Concen: 55.532 ug/L  
RT: 8.325 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: VW026810.D  
Acq: 23 Aug 2023 12:17

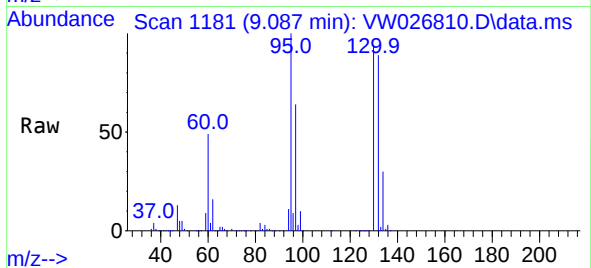
Tgt Ion: 78 Resp: 2117119





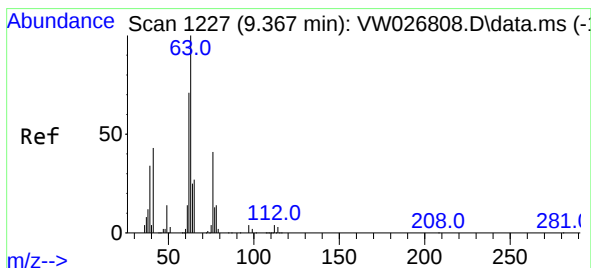
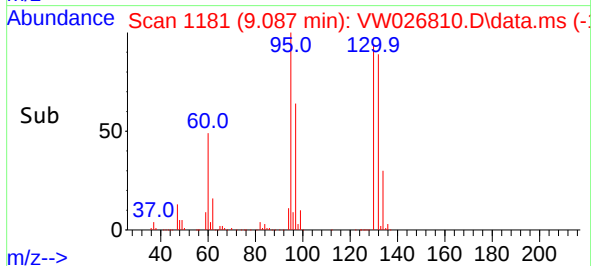
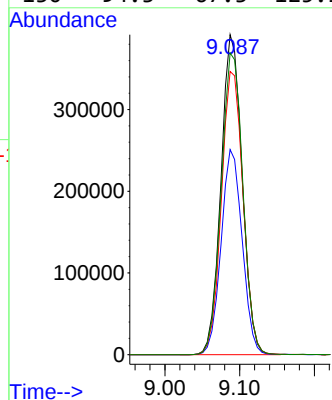
#34  
Trichloroethene  
Concen: 79.494 ug/L  
RT: 9.087 min Scan# 1182  
Delta R.T. -0.006 min  
Lab File: VW026810.D  
Acq: 23 Aug 2023 12:17

Instrument :  
MSVOA\_W  
ClientSampleId :



Tgt Ion: 95 Resp: 771882

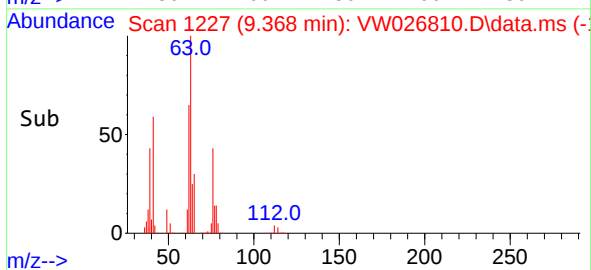
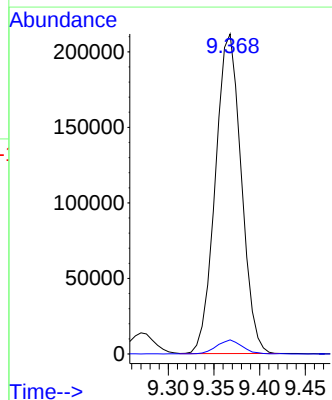
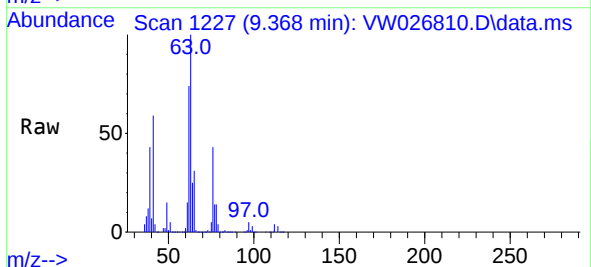
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 64.1  | 44.6  | 82.8  |
| 132 | 88.5  | 66.4  | 123.2 |
| 130 | 94.3  | 67.3  | 125.1 |

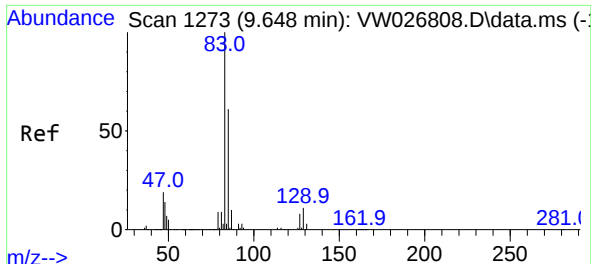


#37  
1,2-Dichloropropane  
Concen: 39.925 ug/L  
RT: 9.368 min Scan# 1227  
Delta R.T. -0.000 min  
Lab File: VW026810.D  
Acq: 23 Aug 2023 12:17

Tgt Ion: 63 Resp: 416923

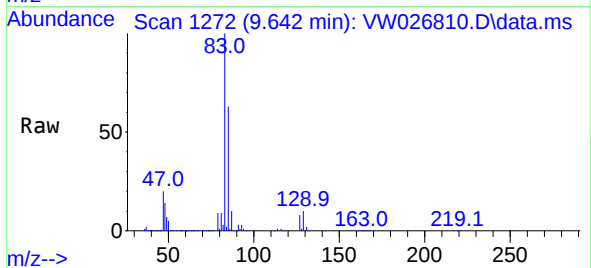
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 112 | 4.3   | 3.1   | 4.7   |



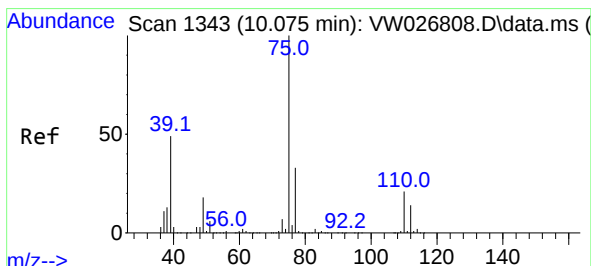
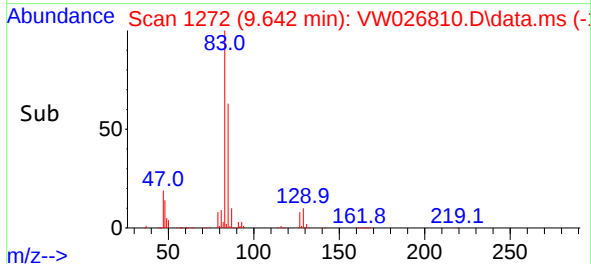
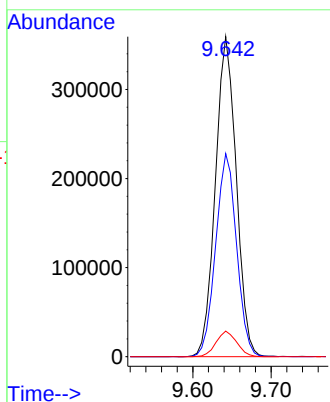


#38  
Bromodichloromethane  
Concen: 54.395 ug/L  
RT: 9.642 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VW026810.D  
Acq: 23 Aug 2023 12:17

Instrument :  
MSVOA\_W  
ClientSampleId :

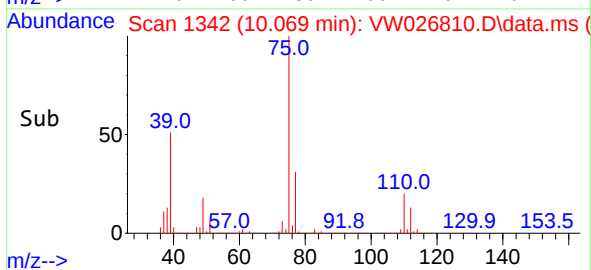
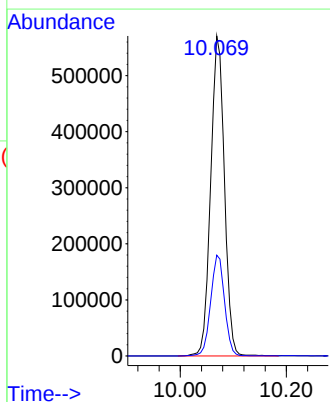
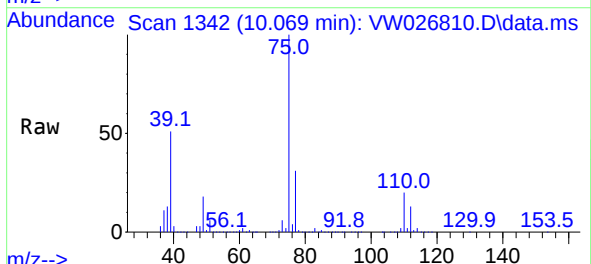


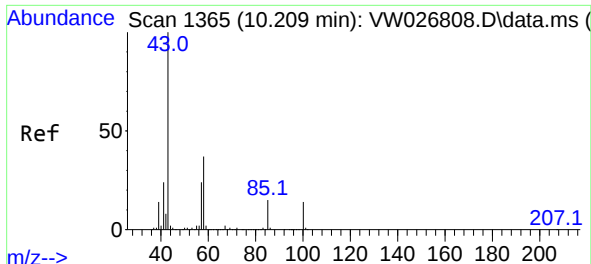
Tgt Ion: 83 Resp: 666359  
Ion Ratio Lower Upper  
83 100  
85 63.4 45.4 84.2  
127 8.0 6.2 9.2



#39  
cis-1,3-Dichloropropene  
Concen: 68.381 ug/L  
RT: 10.069 min Scan# 1342  
Delta R.T. -0.006 min  
Lab File: VW026810.D  
Acq: 23 Aug 2023 12:17

Tgt Ion: 75 Resp: 1027263  
Ion Ratio Lower Upper  
75 100  
77 31.5 22.8 42.4





#40

4-Methyl-2-pentanone

Concen: 183.153 ug/L

RT: 10.203 min Scan# 1365

Delta R.T. -0.006 min

Lab File: VW026810.D

Acq: 23 Aug 2023 12:17

Instrument :

MSVOA\_W

ClientSampleId :

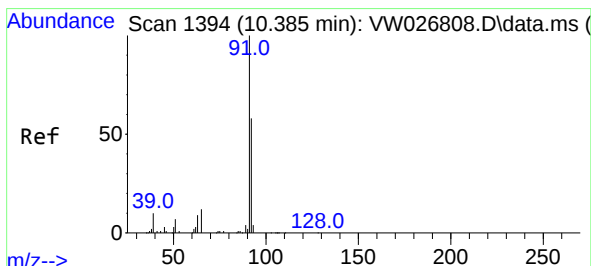
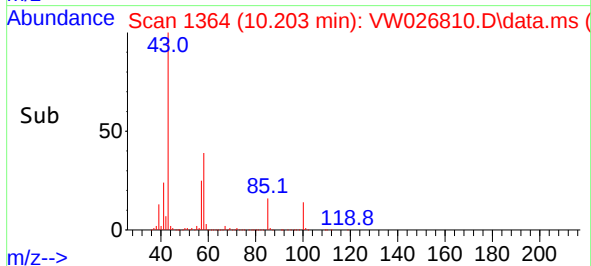
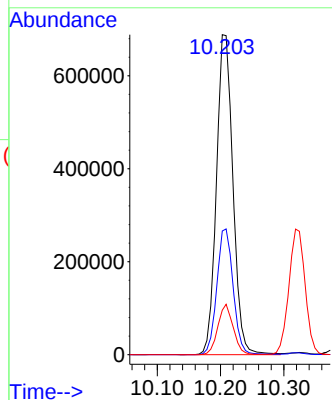
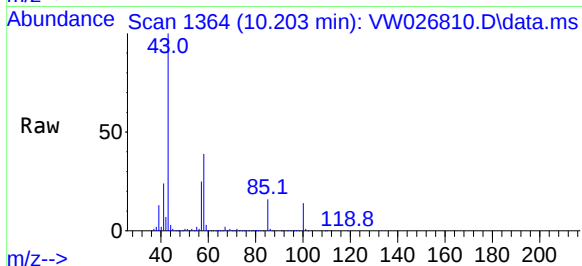
Tgt Ion: 43 Resp: 1244087

Ion Ratio Lower Upper

43 100

58 38.9 29.2 43.8

100 14.7 10.7 16.1



#42

Toluene

Concen: 67.724 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW026810.D

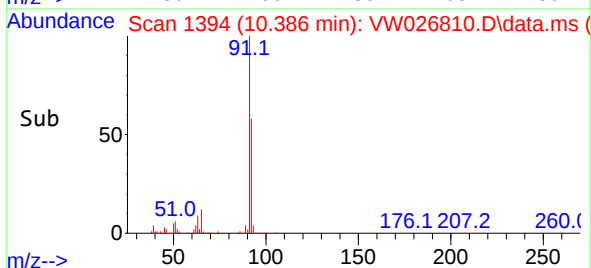
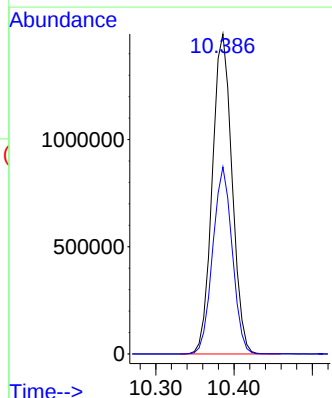
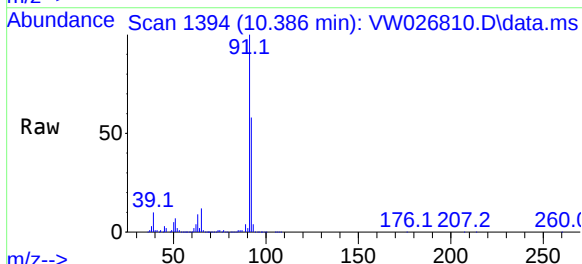
Acq: 23 Aug 2023 12:17

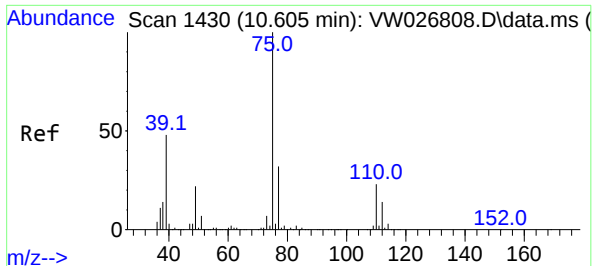
Tgt Ion: 91 Resp: 2611862

Ion Ratio Lower Upper

91 100

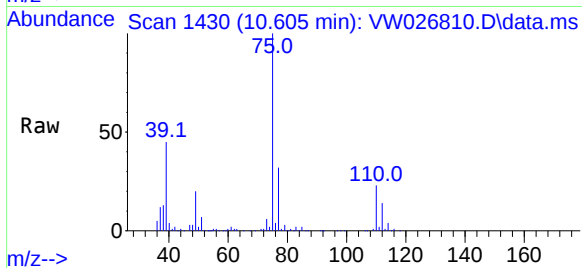
92 58.4 40.8 75.8



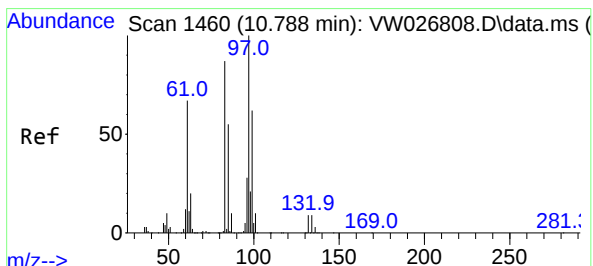
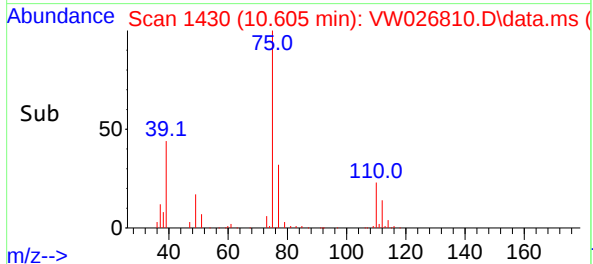
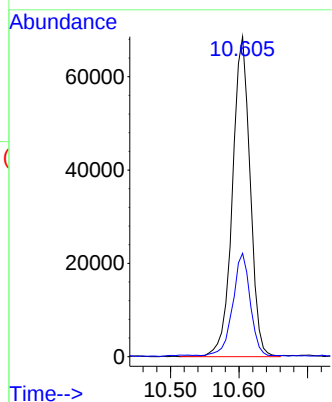


#44  
trans-1,3-Dichloropropene  
Concen: 9.536 ug/L  
RT: 10.605 min Scan# 1430  
Delta R.T. -0.000 min  
Lab File: VW026810.D  
Acq: 23 Aug 2023 12:17

Instrument :  
MSVOA\_W  
ClientSampleId :

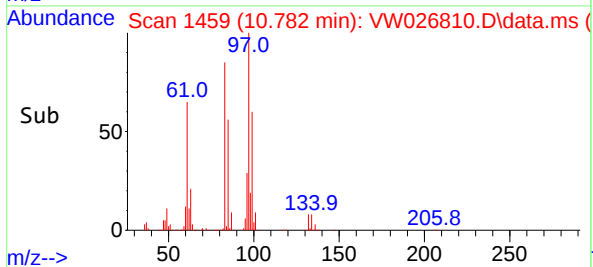
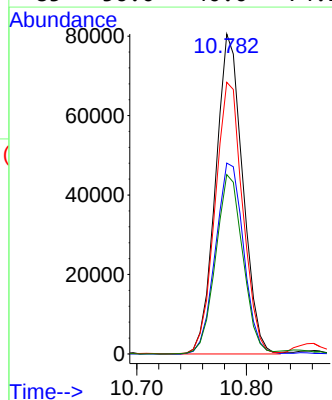
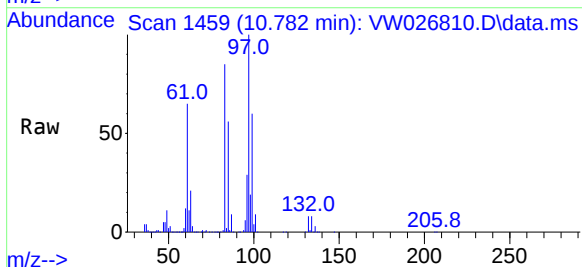


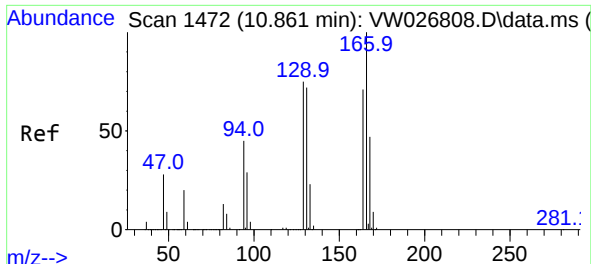
Tgt Ion: 75 Resp: 123309  
Ion Ratio Lower Upper  
75 100  
77 32.3 21.2 39.4



#45  
1,1,2-Trichloroethane  
Concen: 19.408 ug/L  
RT: 10.782 min Scan# 1459  
Delta R.T. -0.006 min  
Lab File: VW026810.D  
Acq: 23 Aug 2023 12:17

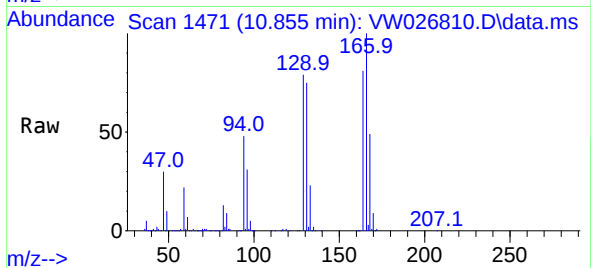
Tgt Ion: 97 Resp: 138606  
Ion Ratio Lower Upper  
97 100  
99 59.6 44.2 82.0  
83 84.9 61.9 114.9  
85 56.0 40.0 74.2





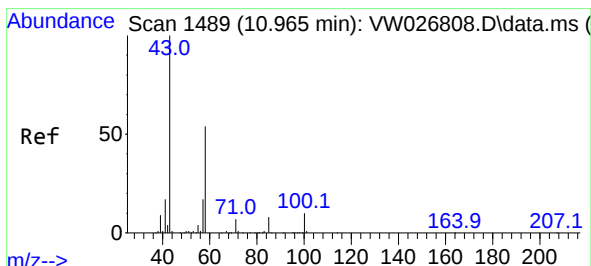
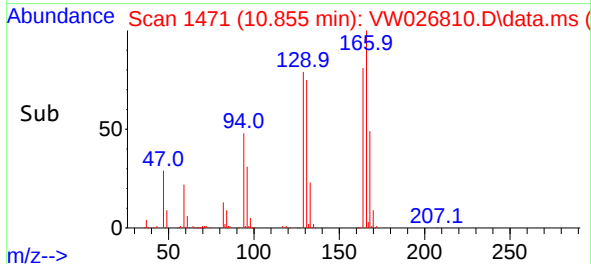
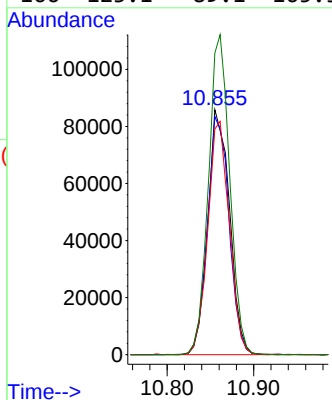
#46  
Tetrachloroethene  
Concen: 21.390 ug/L  
RT: 10.855 min Scan# 1471  
Delta R.T. -0.006 min  
Lab File: VW026810.D  
Acq: 23 Aug 2023 12:17

Instrument :  
MSVOA\_W  
ClientSampleId :



Tgt Ion:164 Resp: 150892

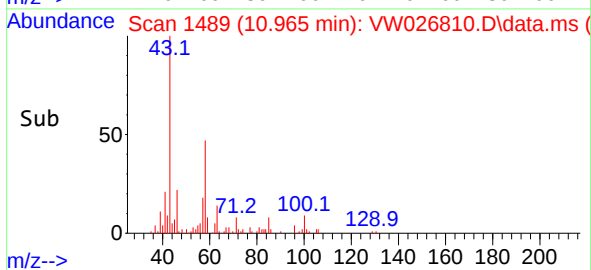
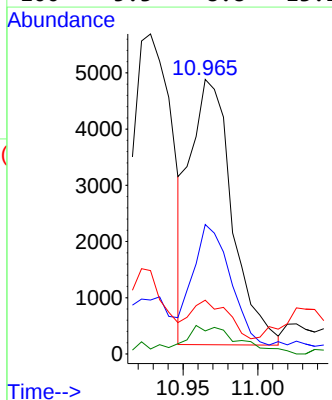
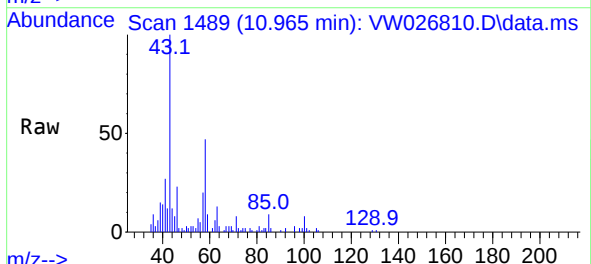
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 97.2  | 68.1  | 126.5 |
| 131 | 92.1  | 65.5  | 121.7 |
| 166 | 123.1 | 89.1  | 165.5 |

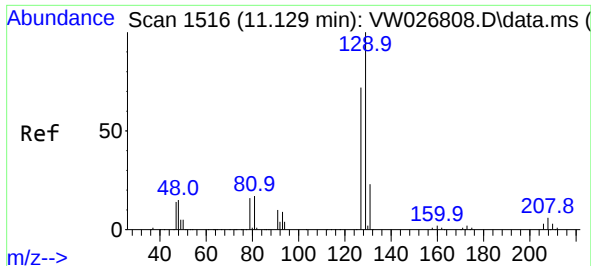


#48  
2-Hexanone  
Concen: 2.001 ug/L  
RT: 10.965 min Scan# 1489  
Delta R.T. -0.000 min  
Lab File: VW026810.D  
Acq: 23 Aug 2023 12:17

Tgt Ion: 43 Resp: 9248

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 41.0  | 41.1  | 61.7# |
| 57  | 18.7  | 14.3  | 21.5  |
| 100 | 5.3   | 8.8   | 13.2# |





#49

Dibromochloromethane

Concen: 100.839 ug/L

RT: 11.123 min Scan# 1516

Delta R.T. -0.006 min

Lab File: VW026810.D

Acq: 23 Aug 2023 12:17

Instrument :

MSVOA\_W

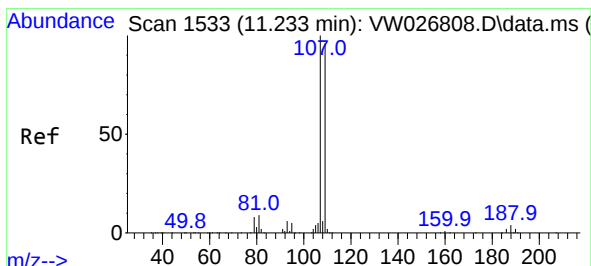
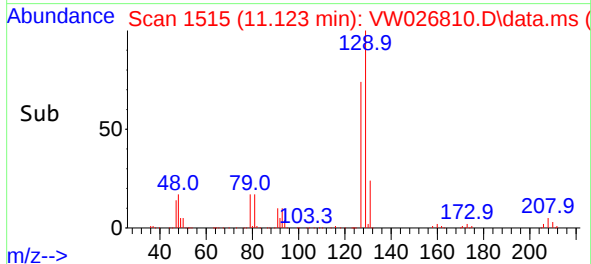
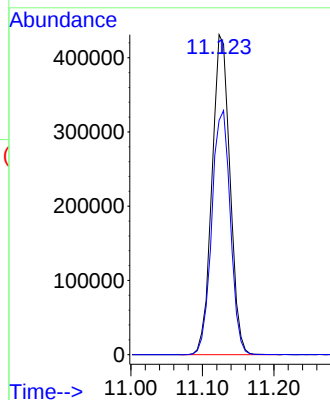
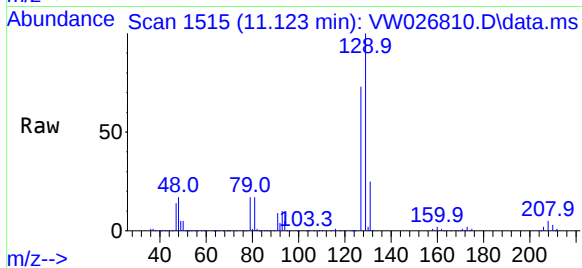
ClientSampleId :

Tgt Ion:129 Resp: 753225

Ion Ratio Lower Upper

129 100

127 73.2 56.6 105.2



#50

1,2-Dibromoethane

Concen: 24.708 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW026810.D

Acq: 23 Aug 2023 12:17

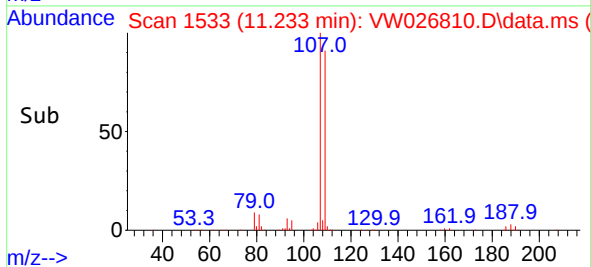
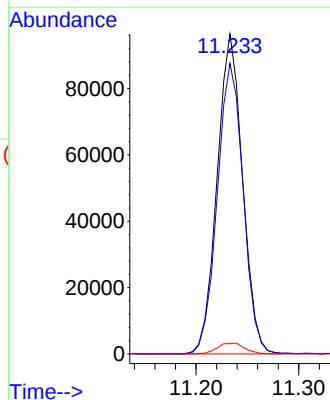
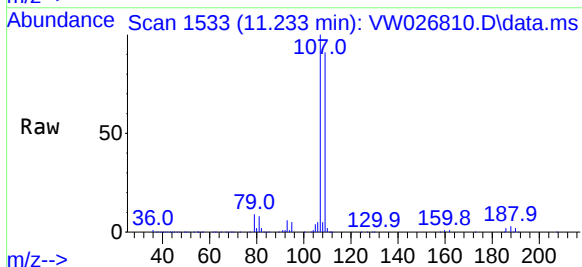
Tgt Ion:107 Resp: 165573

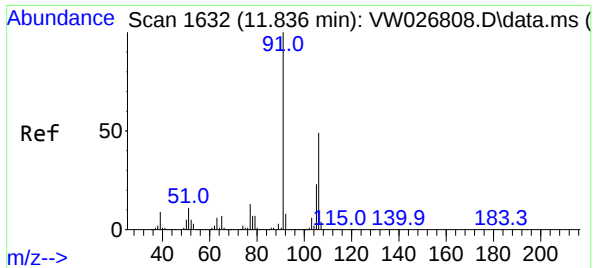
Ion Ratio Lower Upper

107 100

109 90.8 68.8 127.8

188 3.2 2.7 4.1

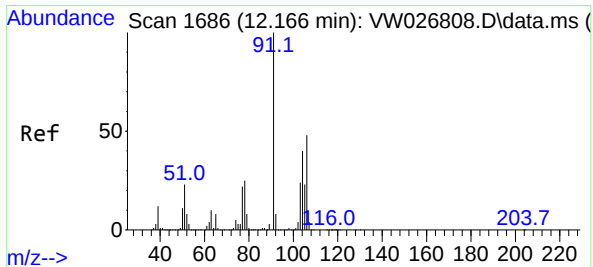
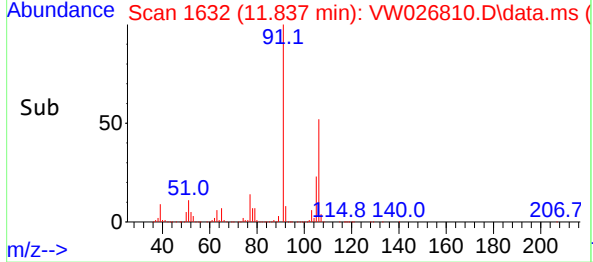
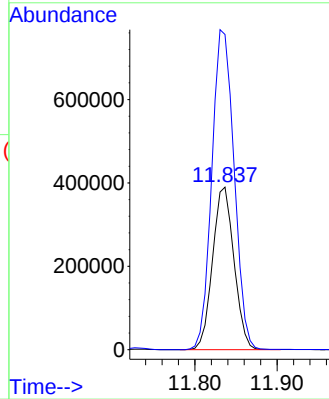
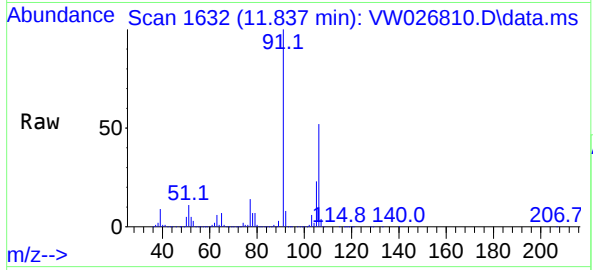




#53  
m,p-Xylene  
Concen: 44.064 ug/L  
RT: 11.837 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VW026810.D  
Acq: 23 Aug 2023 12:17

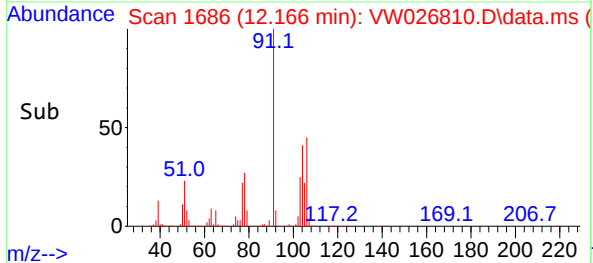
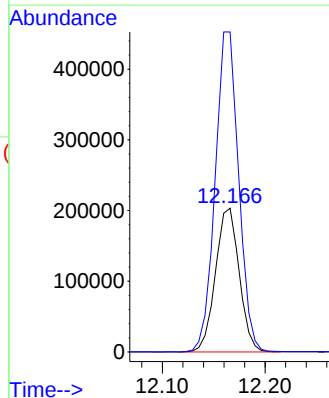
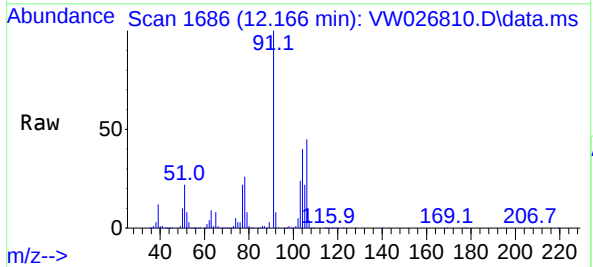
Instrument :  
MSVOA\_W  
ClientSampleId :

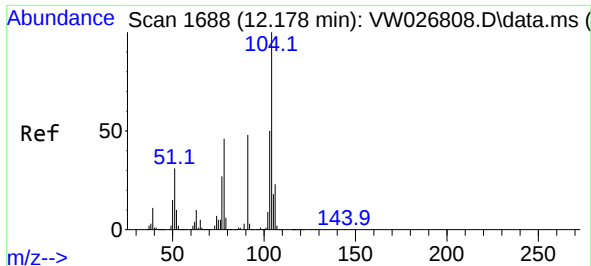
Tgt Ion:106 Resp: 705996  
Ion Ratio Lower Upper  
106 100  
91 193.8 152.9 284.1



#54  
o-Xylene  
Concen: 21.782 ug/L  
RT: 12.166 min Scan# 1686  
Delta R.T. -0.000 min  
Lab File: VW026810.D  
Acq: 23 Aug 2023 12:17

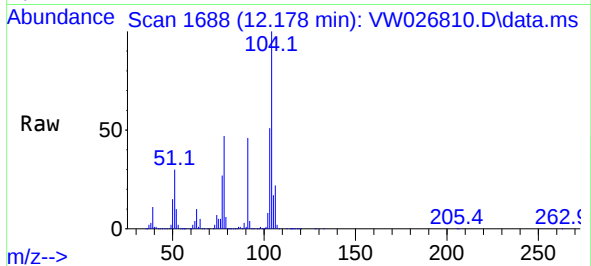
Tgt Ion:106 Resp: 325711  
Ion Ratio Lower Upper  
106 100  
91 222.6 149.9 278.3



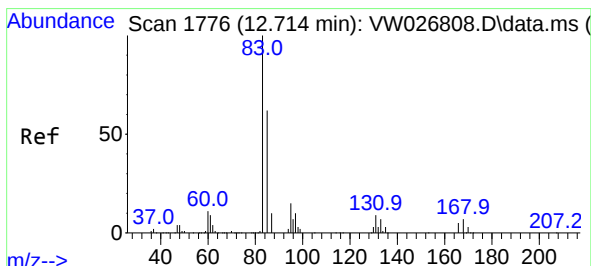
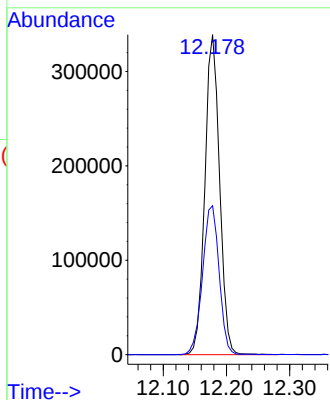
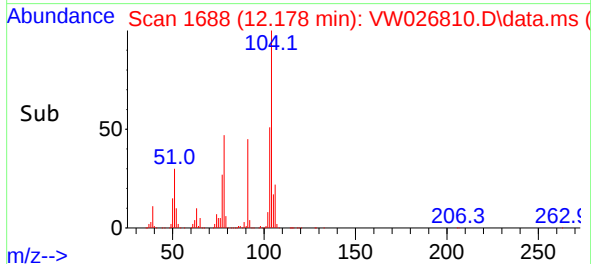


#55  
Styrene  
Concen: 21.148 ug/L  
RT: 12.178 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VW026810.D  
Acq: 23 Aug 2023 12:17

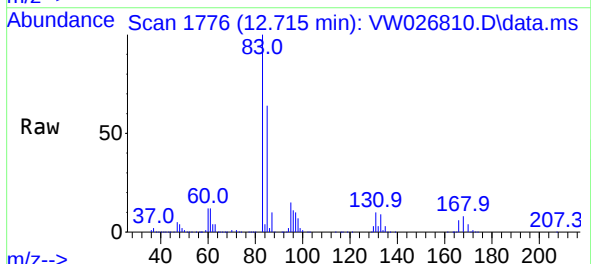
Instrument :  
MSVOA\_W  
ClientSampleId :



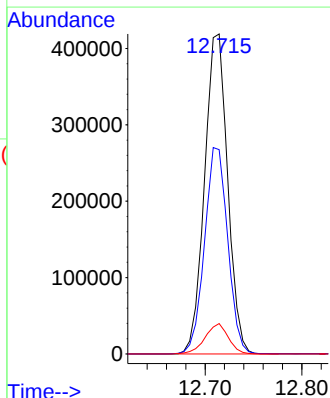
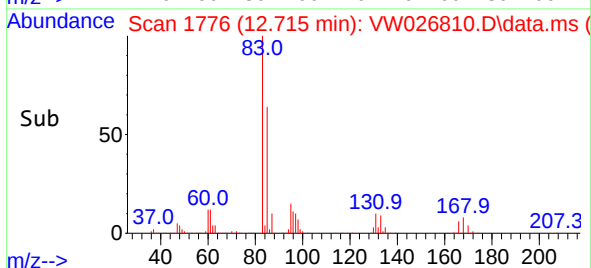
Tgt Ion:104 Resp: 549840  
Ion Ratio Lower Upper  
104 100  
78 46.6 33.0 61.2

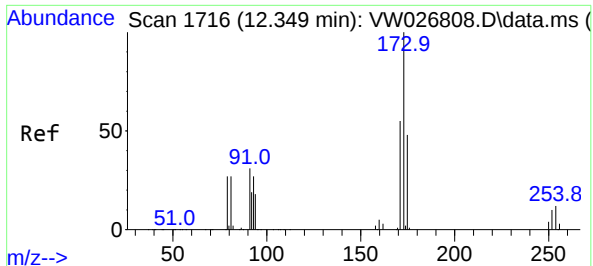


#57  
1,1,2,2-Tetrachloroethane  
Concen: 77.003 ug/L  
RT: 12.715 min Scan# 1776  
Delta R.T. -0.000 min  
Lab File: VW026810.D  
Acq: 23 Aug 2023 12:17



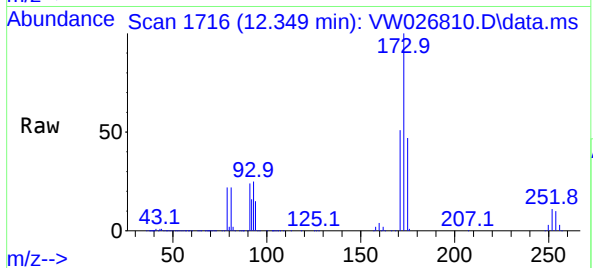
Tgt Ion: 83 Resp: 696479  
Ion Ratio Lower Upper  
83 100  
85 63.8 44.9 83.3  
131 9.5 7.4 11.0



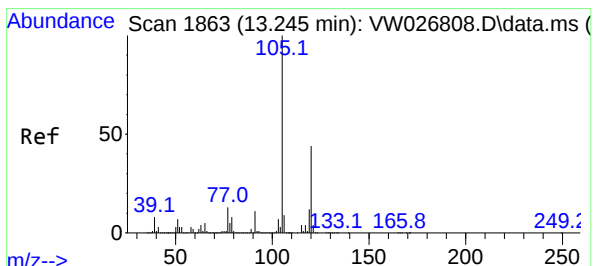
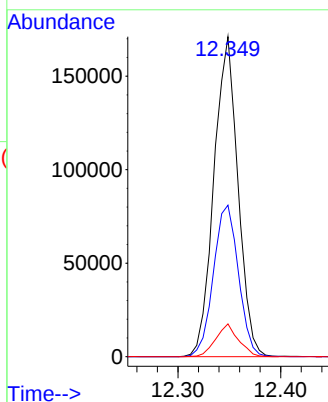
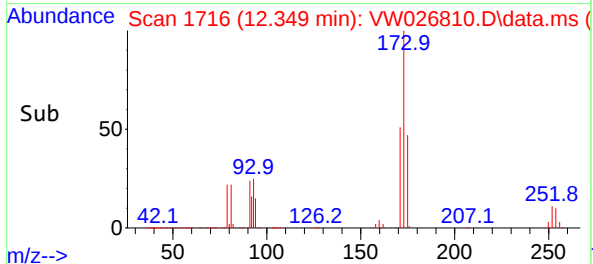


#59  
Bromoform  
Concen: 62.980 ug/L  
RT: 12.349 min Scan# 1716  
Delta R.T. -0.000 min  
Lab File: VW026810.D  
Acq: 23 Aug 2023 12:17

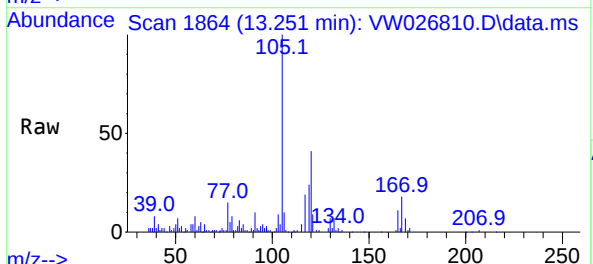
Instrument :  
MSVOA\_W  
ClientSampleId :



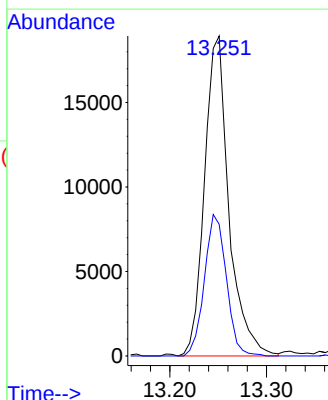
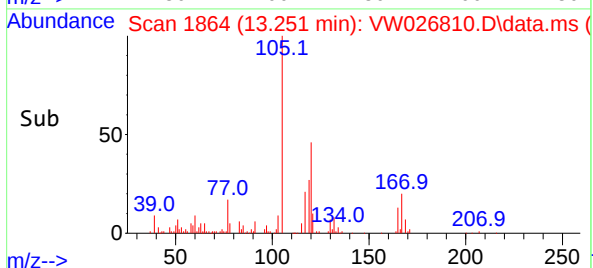
Tgt Ion:173 Resp: 277840  
Ion Ratio Lower Upper  
173 100  
175 49.3 36.6 55.0  
254 9.7 7.8 11.6

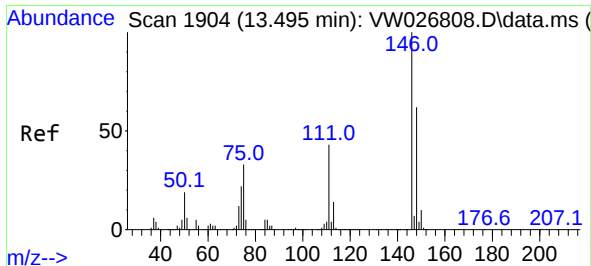


#63  
1,2,4-Trimethylbenzene  
Concen: 1.021 ug/L  
RT: 13.251 min Scan# 1864  
Delta R.T. 0.006 min  
Lab File: VW026810.D  
Acq: 23 Aug 2023 12:17



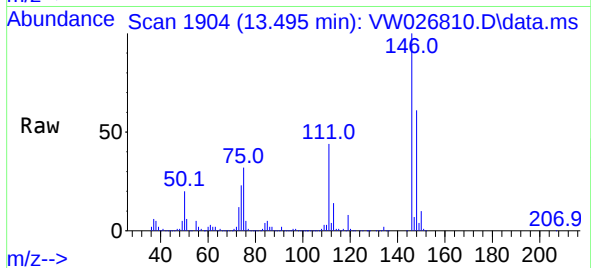
Tgt Ion:105 Resp: 33111  
Ion Ratio Lower Upper  
105 100  
120 39.8 36.2 54.4



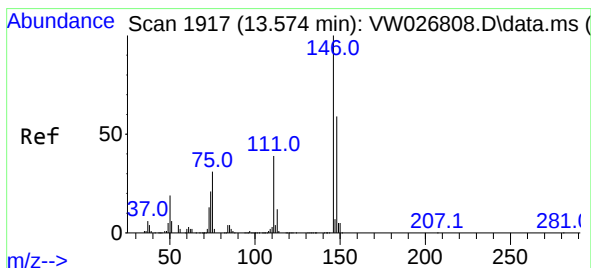
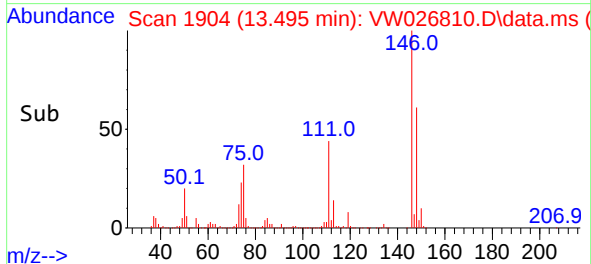
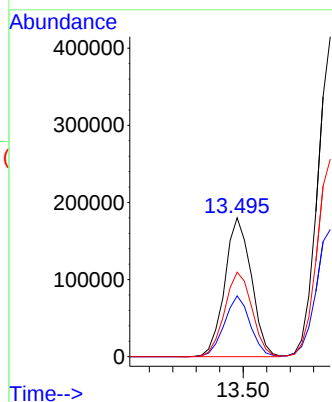


#64  
1,3-Dichlorobenzene  
Concen: 15.560 ug/L  
RT: 13.495 min Scan# 1904  
Delta R.T. -0.000 min  
Lab File: VW026810.D  
Acq: 23 Aug 2023 12:17

Instrument :  
MSVOA\_W  
ClientSampleId :

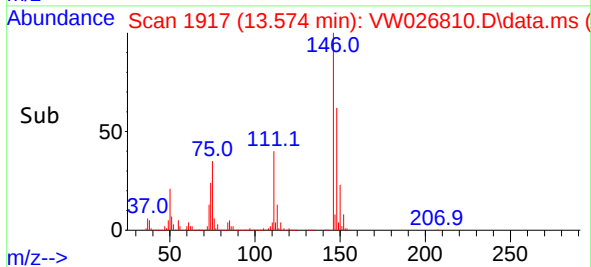
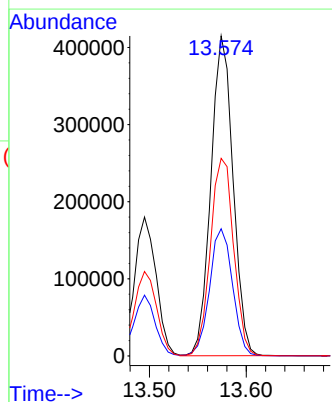
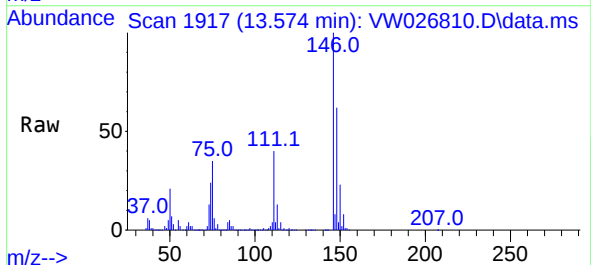


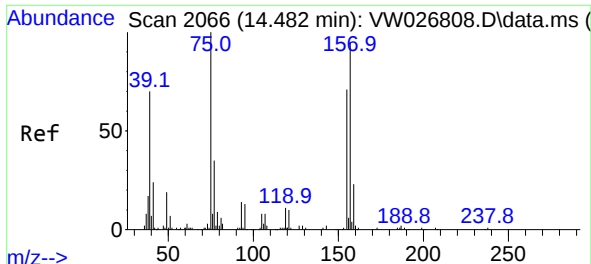
Tgt Ion:146 Resp: 283327  
Ion Ratio Lower Upper  
146 100  
111 43.8 29.1 54.1  
148 60.8 38.8 72.0



#65  
1,4-Dichlorobenzene  
Concen: 34.714 ug/L  
RT: 13.574 min Scan# 1917  
Delta R.T. -0.000 min  
Lab File: VW026810.D  
Acq: 23 Aug 2023 12:17

Tgt Ion:146 Resp: 659679  
Ion Ratio Lower Upper  
146 100  
111 39.7 28.3 52.7  
148 61.8 44.2 82.2





#68

1,2-Dibromo-3-chloropropane

Concen: 23.384 ug/L

RT: 14.476 min Scan# 2066

Delta R.T. -0.000 min

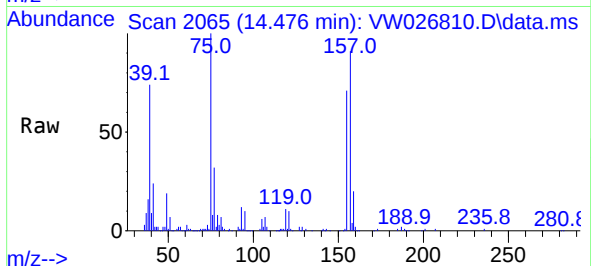
Lab File: VW026810.D

Acq: 23 Aug 2023 12:17

Instrument :

MSVOA\_W

ClientSampleId :



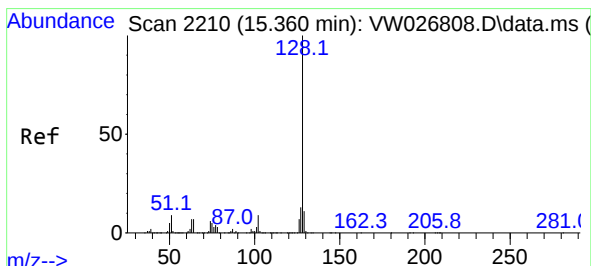
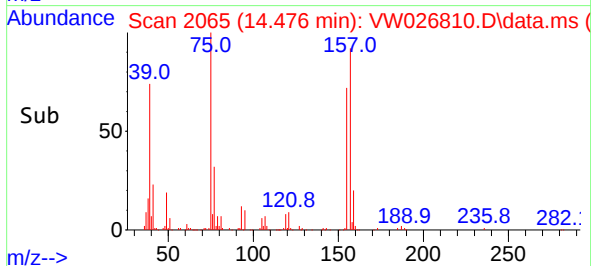
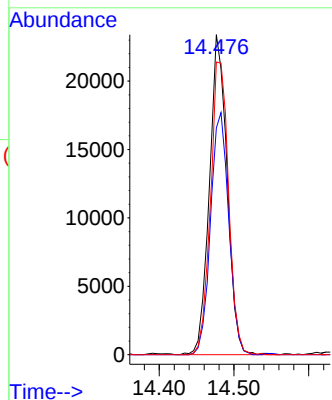
Tgt Ion: 75 Resp: 38509

Ion Ratio Lower Upper

75 100

155 70.9 55.0 82.6

157 91.5 77.8 116.6



#71

Naphthalene

Concen: 62.647 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW026810.D

Acq: 23 Aug 2023 12:17

Tgt Ion:128 Resp: 1246422

Ion Ratio Lower Upper

128 100

127 12.7 10.7 16.1

129 10.7 9.0 13.4

