

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL111423\  
 Data File : VL040861.D  
 Acq On : 14 Nov 2023 21:52  
 Operator : SY/MD  
 Sample : 05275-08  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :

Quant Time: Nov 16 04:52:25 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL111323AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 26 06:05:16 2022  
 QLast Update : Mon Nov 13 15:42:46 2023  
 Response via : Initial Calibration

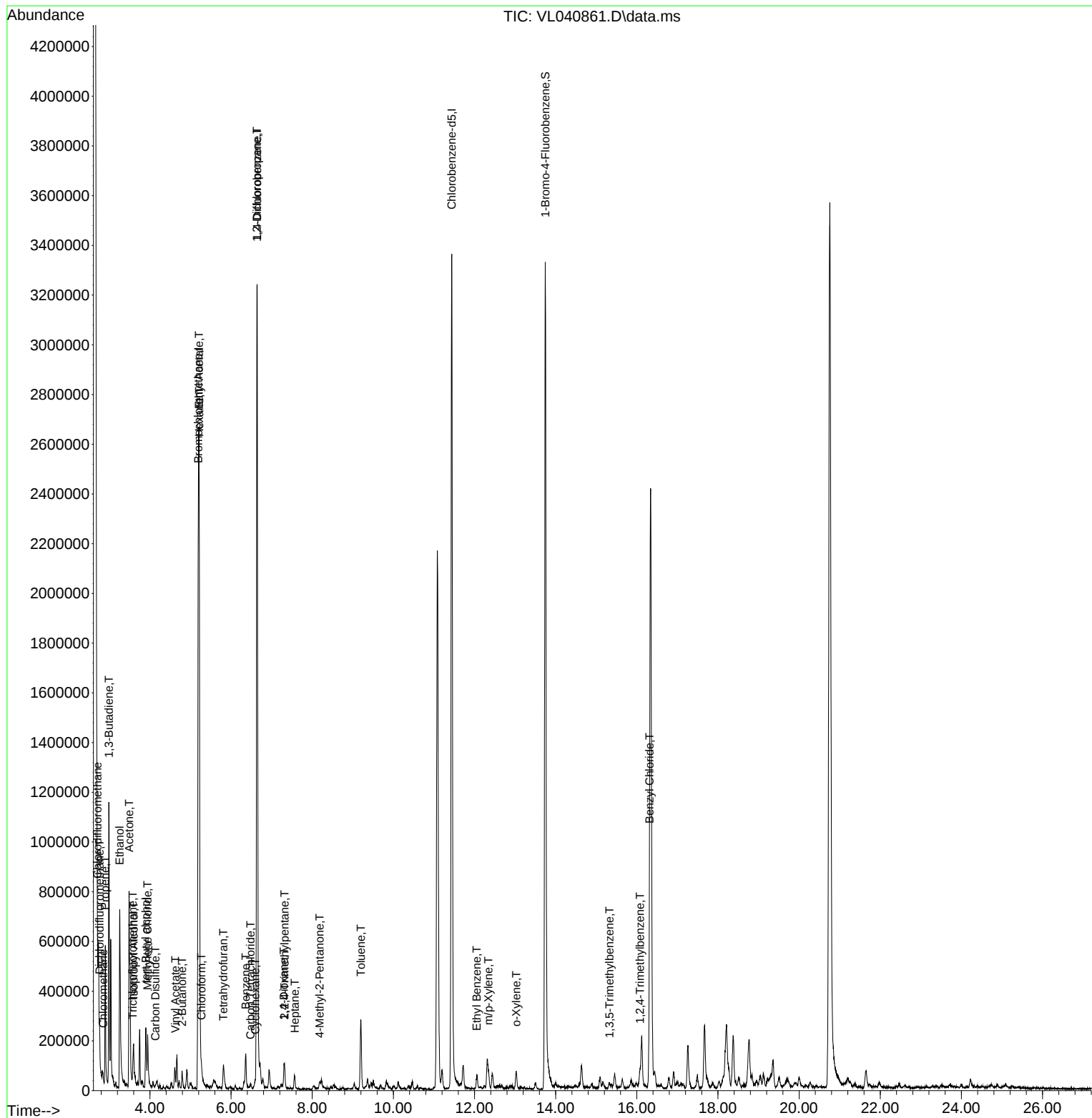
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 5.192  | 49    | 939237   | 10.000   | ppbv   | 0.02     |
| 33) 1,4-Difluorobenzene     | 6.642  | 114   | 2500143  | 10.000   | ppbv   | 0.00     |
| 55) Chlorobenzene-d5        | 11.439 | 117   | 2272848  | 10.000   | ppbv   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene | 13.744 | 95    | 1731972  | 9.733    | ppbv   | 0.00     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =      | 97.300%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane  | 2.758  | 85    | 100187   | 0.526    | ppbv   | 95       |
| 3) Chlorodifluoromethane    | 2.706  | 51    | 103741   | 0.692    | ppbv # | 79       |
| 4) Chloromethane            | 2.844  | 50    | 28827    | 0.535    | ppbv   | 91       |
| 9) Propene                  | 2.896  | 41    | 113423   | 2.244    | ppbv   | 87       |
| 10) Heptane                 | 7.571  | 43    | 10763    | 0.087    | ppbv # | 28       |
| 11) Trichlorofluoromethane  | 3.578  | 101   | 33406    | 0.228    | ppbv   | 92       |
| 13) Ethanol                 | 3.256  | 45    | 731921   | 74.585   | ppbv # | 100      |
| 15) Acetone                 | 3.488  | 43    | 833606   | 8.333    | ppbv   | 97       |
| 16) 1,3-Butadiene           | 2.989  | 39    | 307218   | 6.071    | ppbv # | 17       |
| 17) tert-Butyl alcohol      | 3.899  | 59    | 177371   | 2.073    | ppbv   | 97       |
| 19) Isopropyl Alcohol       | 3.597  | 45    | 162554   | 2.700    | ppbv # | 95       |
| 20) Methylene Chloride      | 3.944  | 84    | 54596    | 1.323    | ppbv   | 92       |
| 23) Vinyl Acetate           | 4.629  | 43    | 8330     | 0.064    | ppbv # | 71       |
| 25) Ethyl Acetate           | 5.211  | 43    | 622825   | 3.007    | ppbv # | 78       |
| 26) Hexane                  | 5.214  | 57    | 858784   | 9.368    | ppbv # | 41       |
| 27) Carbon Disulfide        | 4.134  | 76    | 3691     | 0.032    | ppbv # | 1        |
| 29) Chloroform              | 5.272  | 83    | 9408     | 0.061    | ppbv   | 100      |
| 30) Cyclohexane             | 6.600  | 84    | 2664     | 0.034    | ppbv # | 1        |
| 34) 2-Butanone              | 4.793  | 43    | 78960    | 0.620    | ppbv   | 92       |
| 35) Carbon Tetrachloride    | 6.481  | 117   | 7111     | 0.046    | ppbv # | 90       |
| 36) Benzene                 | 6.362  | 78    | 104980   | 0.517    | ppbv   | 97       |
| 39) 1,2-Dichloropropane     | 6.639  | 63    | 603110   | 7.496    | ppbv # | 23       |
| 40) 1,4-Dioxane             | 7.304  | 88    | 1071     | 0.034    | ppbv # | 1        |
| 41) Tetrahydrofuran         | 5.809  | 42    | 7897     | 0.101    | ppbv # | 39       |
| 44) 2,2,4-Trimethylpentane  | 7.317  | 57    | 38230    | 0.113    | ppbv # | 1        |
| 50) 4-Methyl-2-Pentanone    | 8.182  | 43    | 7511     | 0.038    | ppbv # | 29       |
| 53) Toluene                 | 9.198  | 91    | 208976   | 0.936    | ppbv   | 99       |
| 58) Ethyl Benzene           | 12.056 | 91    | 49034    | 0.165    | ppbv   | 94       |
| 59) m/p-Xylene              | 12.342 | 91    | 30280    | 0.120    | ppbv # | 32       |
| 60) o-Xylene                | 13.027 | 91    | 36358    | 0.151    | ppbv # | 31       |
| 66) Benzyl Chloride         | 16.310 | 91    | 508      | 0.046    | ppbv # | 62       |
| 73) 1,3,5-Trimethylbenzene  | 15.323 | 105   | 11394    | 0.049    | ppbv # | 54       |
| 74) 1,2,4-Trimethylbenzene  | 16.079 | 105   | 14441    | 0.055    | ppbv # | 42       |
| -----                       |        |       |          |          |        |          |

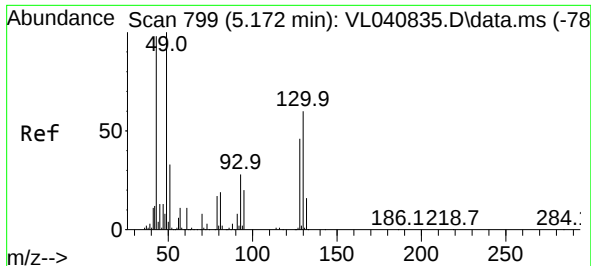
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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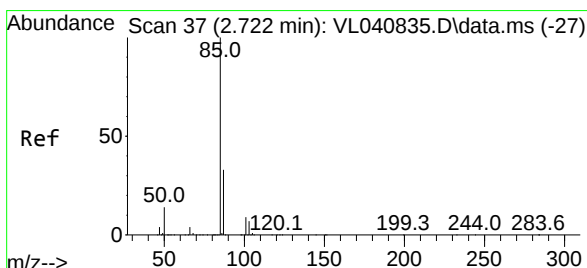
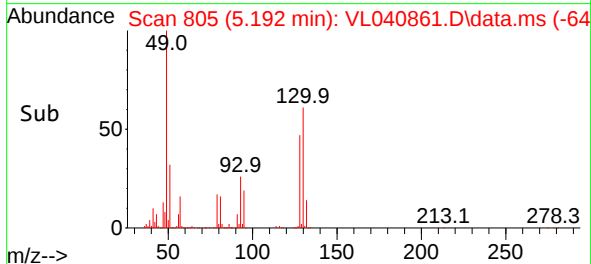
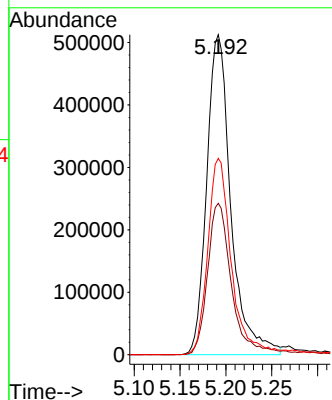
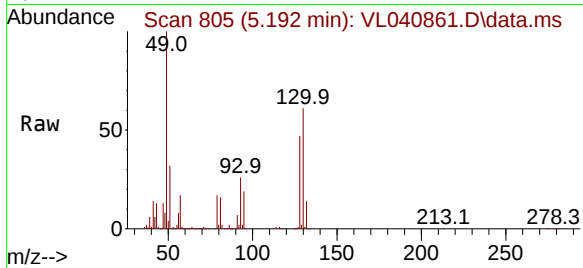




#1  
Bromochloromethane  
Concen: 10.000 ppbv  
RT: 5.192 min Scan# 80  
Delta R.T. 0.020 min  
Lab File: VL040861.D  
Acq: 14 Nov 2023 21:52

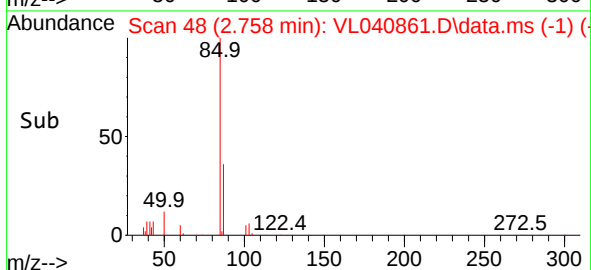
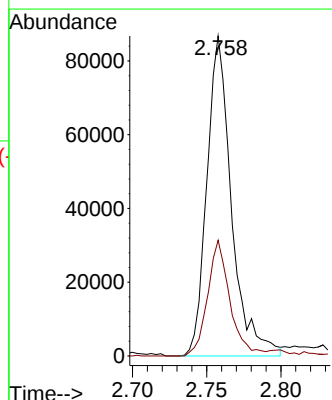
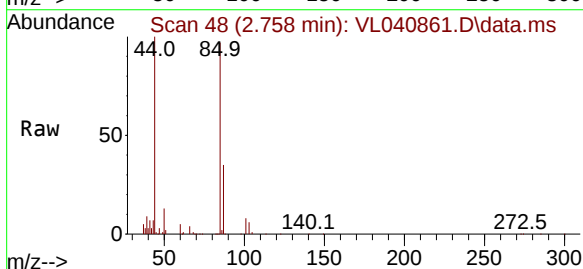
Instrument :  
MSVOA\_L  
ClientSampleId :

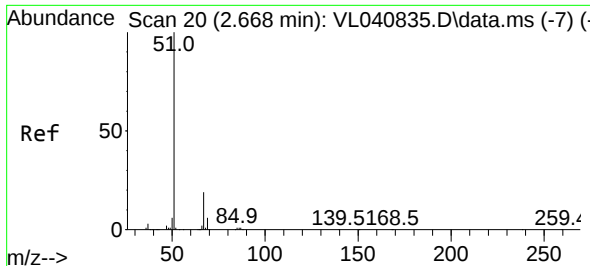
Tgt Ion: 49 Resp: 939237  
Ion Ratio Lower Upper  
49 100  
128 48.3 23.8 71.2  
130 62.1 30.9 92.8



#2  
Dichlorodifluoromethane  
Concen: 0.526 ppbv  
RT: 2.758 min Scan# 48  
Delta R.T. 0.035 min  
Lab File: VL040861.D  
Acq: 14 Nov 2023 21:52

Tgt Ion: 85 Resp: 100187  
Ion Ratio Lower Upper  
85 100  
87 36.2 26.7 40.1

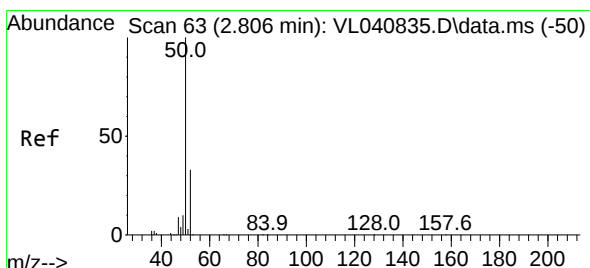
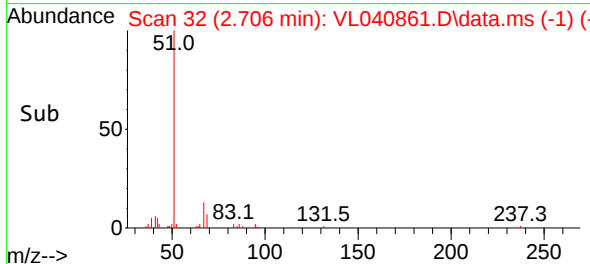
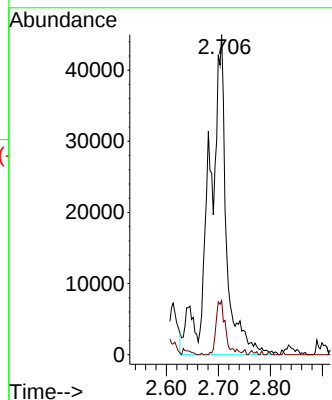
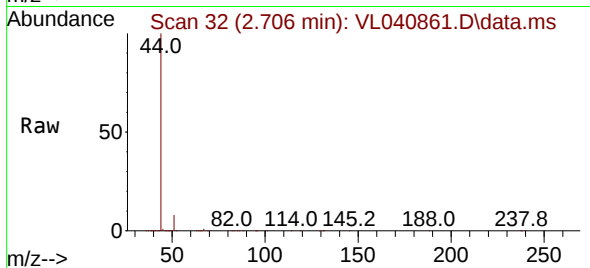




#3  
Chlorodifluoromethane  
Concen: 0.692 ppbv  
RT: 2.706 min Scan# 31  
Delta R.T. 0.038 min  
Lab File: VL040861.D  
Acq: 14 Nov 2023 21:52

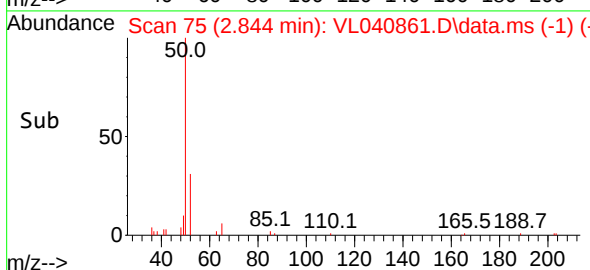
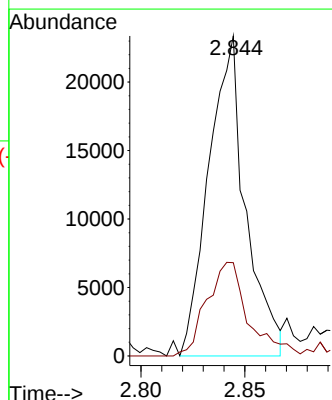
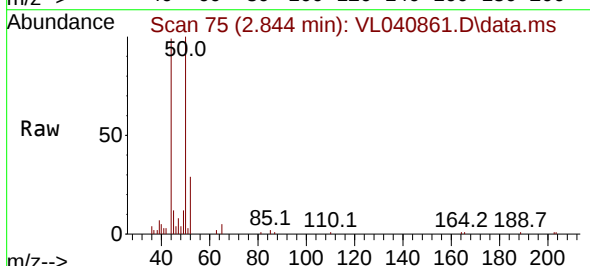
Instrument :  
MSVOA\_L  
ClientSampleId :

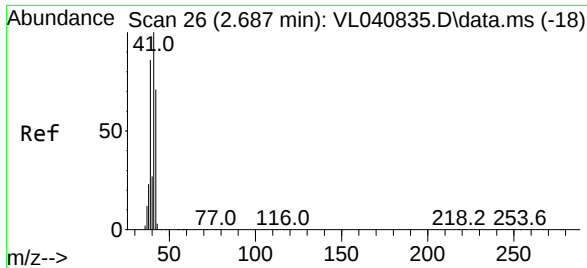
Tgt Ion: 51 Resp: 103741  
Ion Ratio Lower Upper  
51 100  
67 9.2 15.0 22.4#



#4  
Chloromethane  
Concen: 0.535 ppbv  
RT: 2.844 min Scan# 75  
Delta R.T. 0.038 min  
Lab File: VL040861.D  
Acq: 14 Nov 2023 21:52

Tgt Ion: 50 Resp: 28827  
Ion Ratio Lower Upper  
50 100  
52 27.9 26.5 39.7

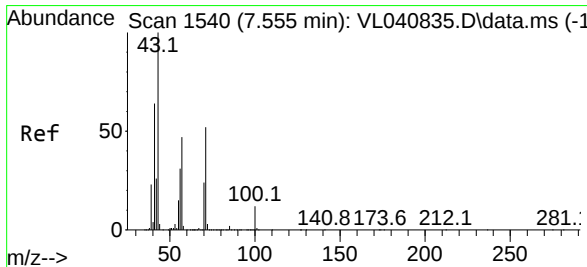
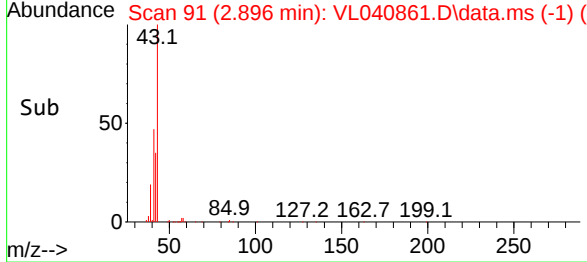
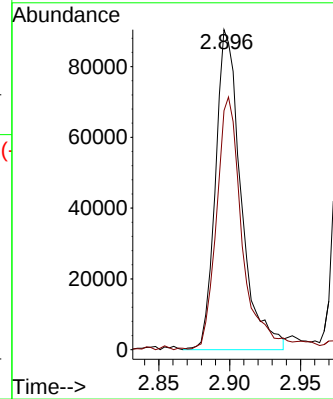
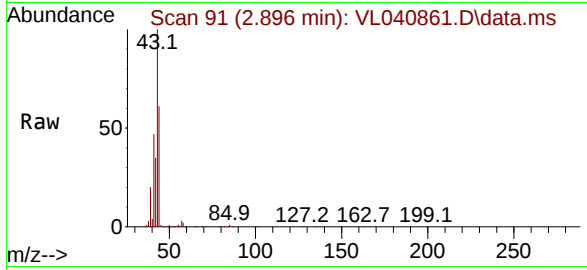




#9  
Propene  
Concen: 2.244 ppbv  
RT: 2.896 min Scan# 91  
Delta R.T. 0.209 min  
Lab File: VL040861.D  
Acq: 14 Nov 2023 21:52

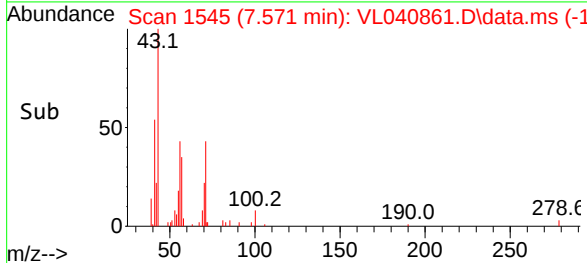
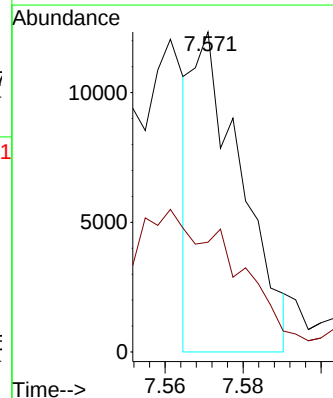
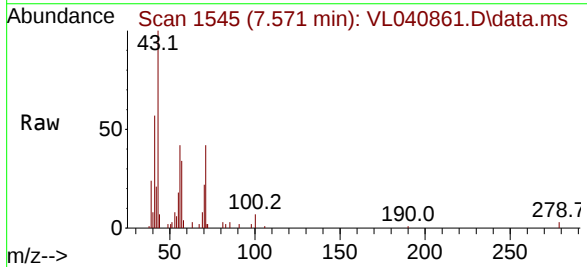
Instrument :  
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ClientSampleId :

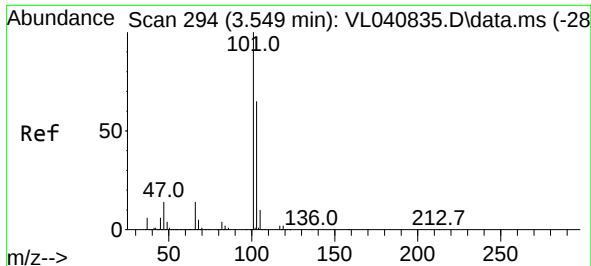
Tgt Ion: 41 Resp: 113423  
Ion Ratio Lower Upper  
41 100  
42 81.7 56.5 84.7



#10  
Heptane  
Concen: 0.087 ppbv  
RT: 7.571 min Scan# 1545  
Delta R.T. 0.016 min  
Lab File: VL040861.D  
Acq: 14 Nov 2023 21:52

Tgt Ion: 43 Resp: 10763  
Ion Ratio Lower Upper  
43 100  
57 0.0 39.4 59.0#

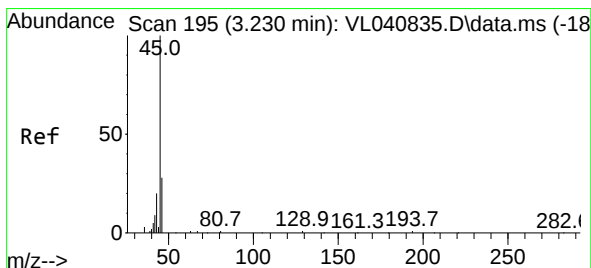
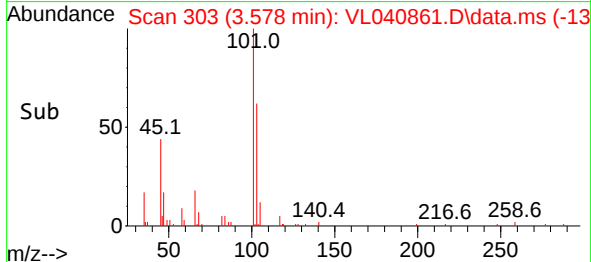
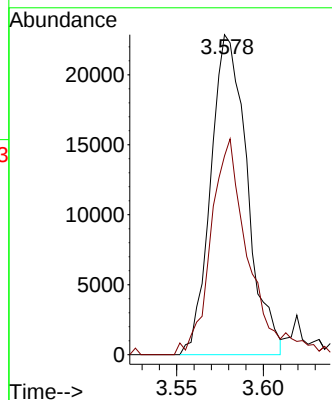
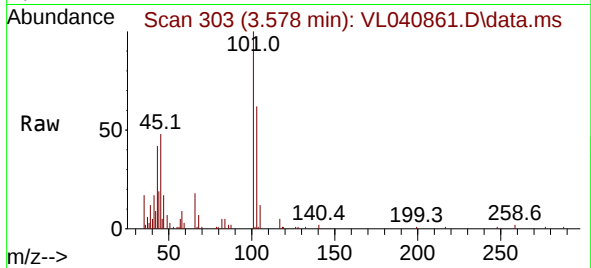




#11  
Trichlorofluoromethane  
Concen: 0.228 ppbv  
RT: 3.578 min Scan# 30  
Delta R.T. 0.029 min  
Lab File: VL040861.D  
Acq: 14 Nov 2023 21:52

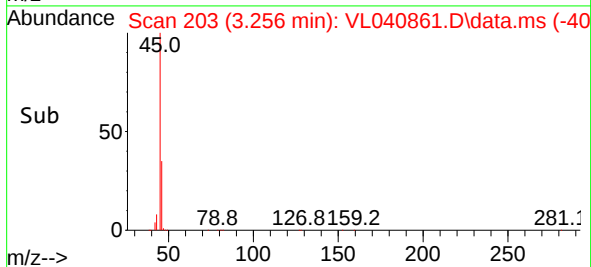
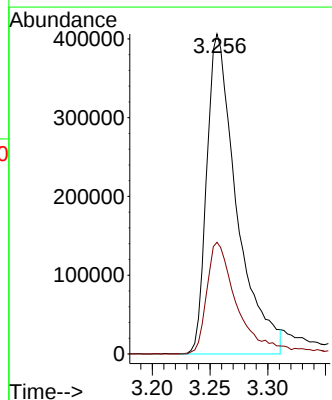
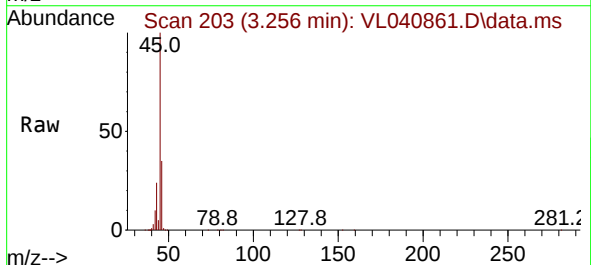
Instrument :  
MSVOA\_L  
ClientSampleId :

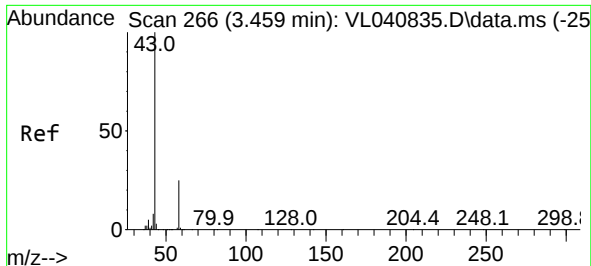
Tgt Ion:101 Resp: 33406  
Ion Ratio Lower Upper  
101 100  
103 58.5 51.8 77.8



#13  
Ethanol  
Concen: 74.585 ppbv  
RT: 3.256 min Scan# 203  
Delta R.T. 0.026 min  
Lab File: VL040861.D  
Acq: 14 Nov 2023 21:52

Tgt Ion: 45 Resp: 731921  
Ion Ratio Lower Upper  
45 100  
46 37.4 0.0 0.0#

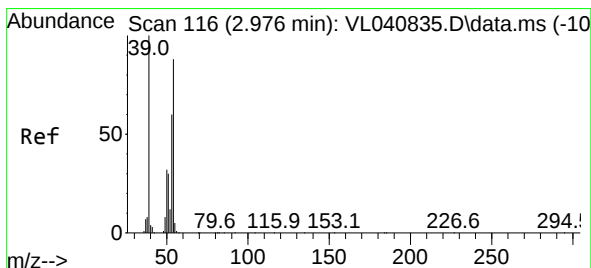
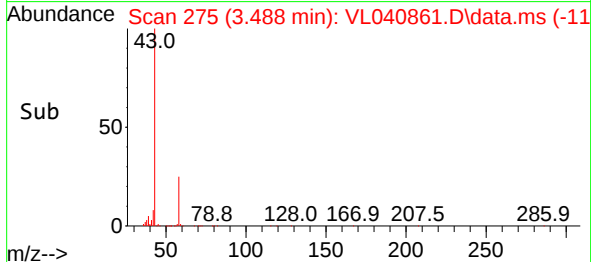
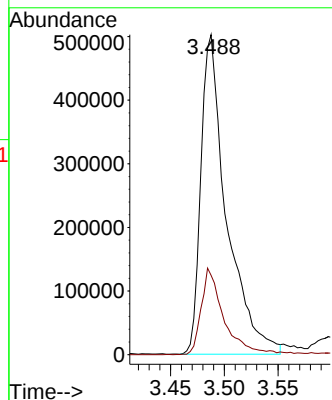
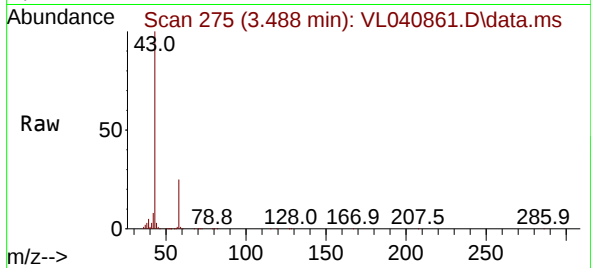




#15  
Acetone  
Concen: 8.333 ppbv  
RT: 3.488 min Scan# 21  
Delta R.T. 0.029 min  
Lab File: VL040861.D  
Acq: 14 Nov 2023 21:52

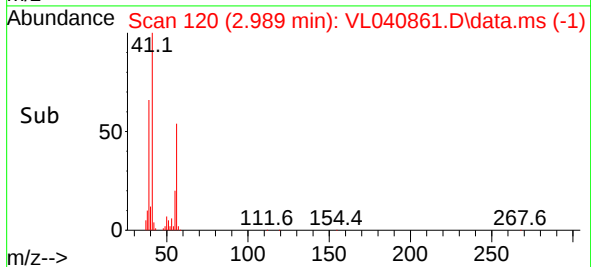
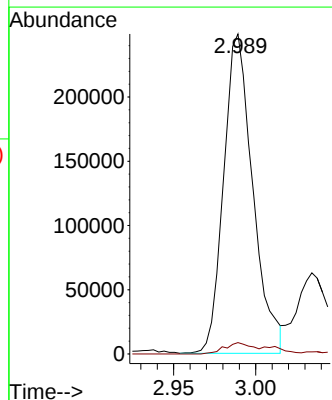
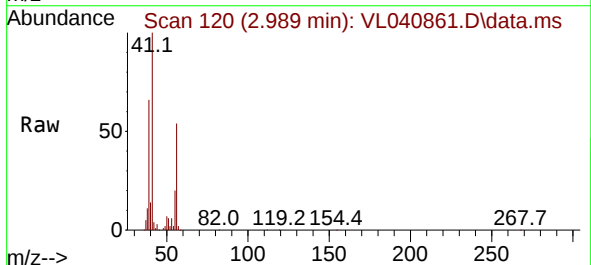
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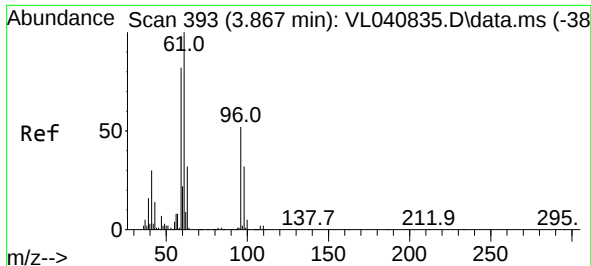
Tgt Ion: 43 Resp: 833606  
Ion Ratio Lower Upper  
43 100  
58 24.5 20.9 31.3



#16  
1,3-Butadiene  
Concen: 6.071 ppbv  
RT: 2.989 min Scan# 120  
Delta R.T. 0.013 min  
Lab File: VL040861.D  
Acq: 14 Nov 2023 21:52

Tgt Ion: 39 Resp: 307218  
Ion Ratio Lower Upper  
39 100  
54 5.7 61.8 92.6#





#17

tert-Butyl alcohol

Concen: 2.073 ppbv

RT: 3.899 min Scan# 403

Delta R.T. 0.032 min

Lab File: VL040861.D

Acq: 14 Nov 2023 21:52

Instrument :

MSVOA\_L

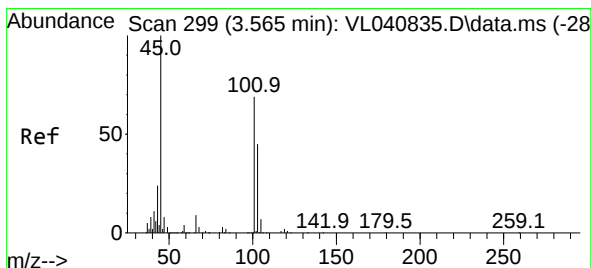
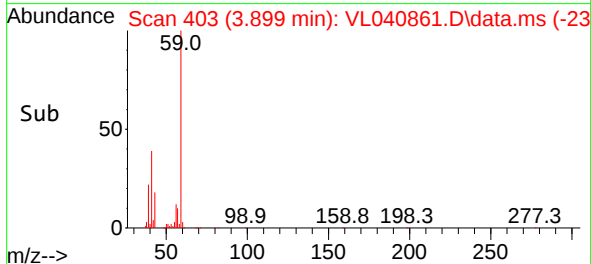
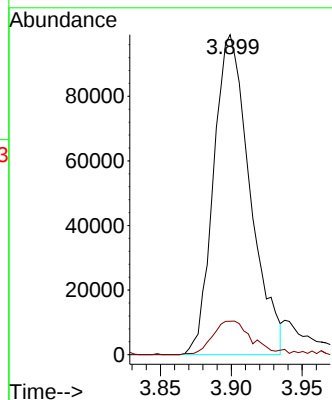
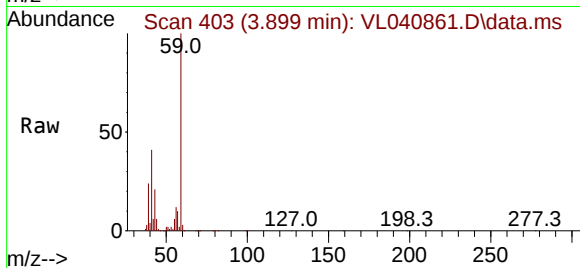
ClientSampleId :

Tgt Ion: 59 Resp: 177371

Ion Ratio Lower Upper

59 100

57 12.4 9.0 13.4



#19

Isopropyl Alcohol

Concen: 2.700 ppbv

RT: 3.597 min Scan# 309

Delta R.T. 0.032 min

Lab File: VL040861.D

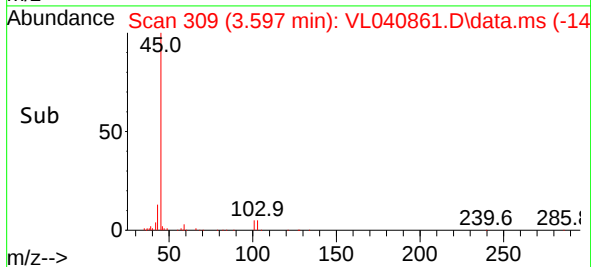
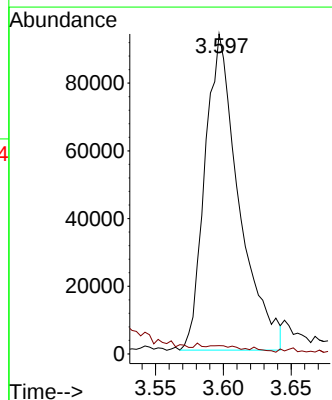
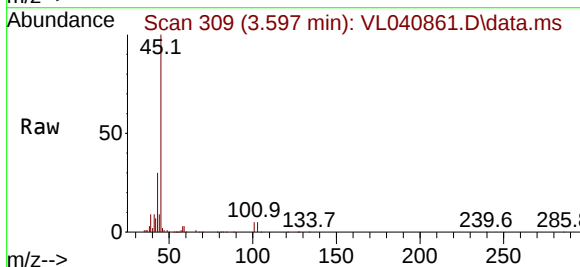
Acq: 14 Nov 2023 21:52

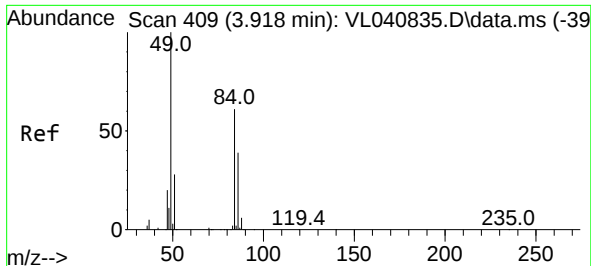
Tgt Ion: 45 Resp: 162554

Ion Ratio Lower Upper

45 100

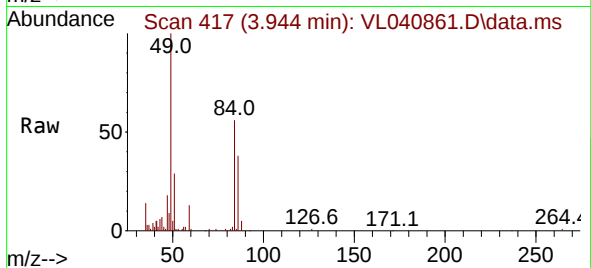
58 3.8 1.6 2.4#



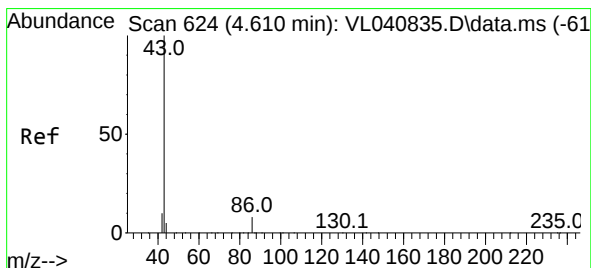
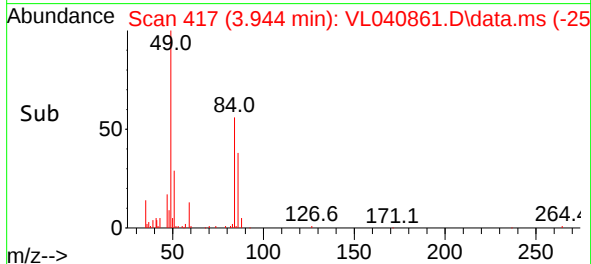
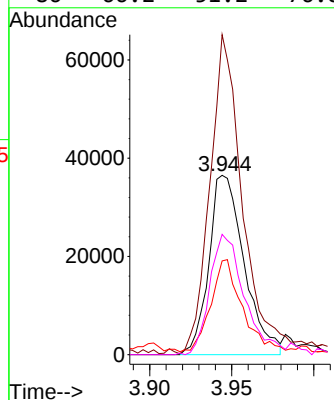


#20  
Methylene Chloride  
Concen: 1.323 ppbv  
RT: 3.944 min Scan# 417  
Delta R.T. 0.026 min  
Lab File: VL040861.D  
Acq: 14 Nov 2023 21:52

Instrument :  
MSVOA\_L  
ClientSampleId :

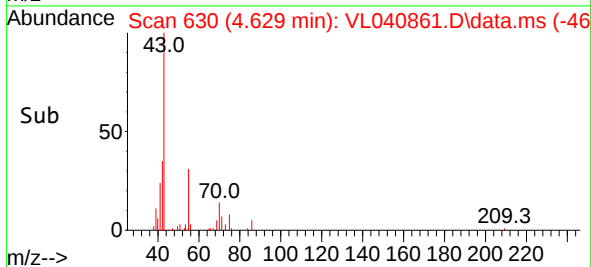
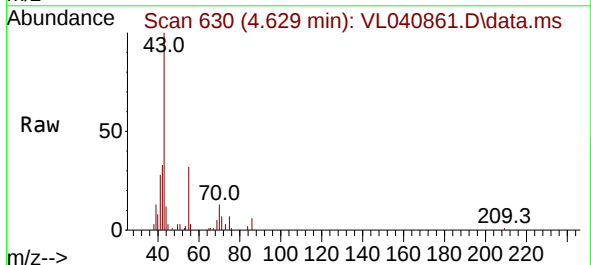
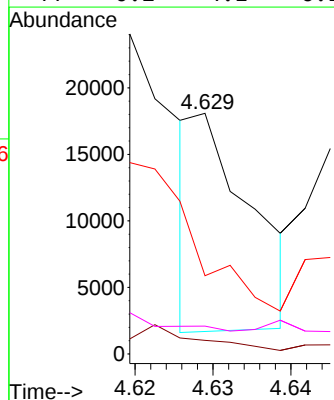


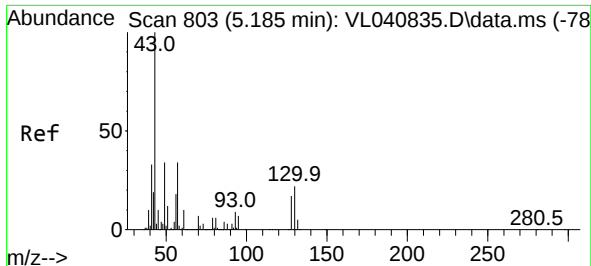
|             |             |
|-------------|-------------|
| Tgt Ion: 84 | Resp: 54596 |
| Ion Ratio   | Lower Upper |
| 84 100      |             |
| 49 177.9    | 131.0 196.4 |
| 51 51.8     | 36.9 55.3   |
| 86 66.2     | 51.2 76.8   |



#23  
Vinyl Acetate  
Concen: 0.064 ppbv  
RT: 4.629 min Scan# 630  
Delta R.T. 0.019 min  
Lab File: VL040861.D  
Acq: 14 Nov 2023 21:52

|     |         |       |       |
|-----|---------|-------|-------|
| Tgt | Ion: 43 | Resp: | 8330  |
| Ion | Ratio   | Lower | Upper |
| 43  | 100     |       |       |
| 86  | 8.4     | 5.5   | 8.3#  |
| 42  | 29.4    | 8.2   | 12.2# |
| 44  | 0.2     | 4.1   | 6.1#  |

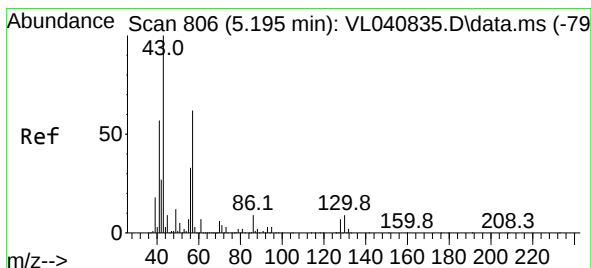
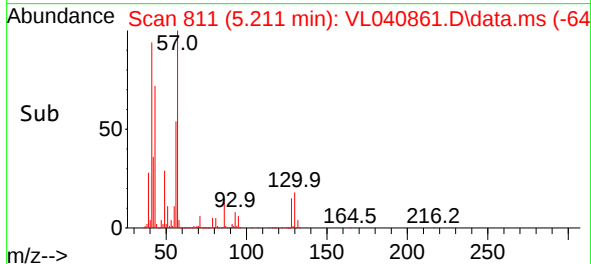
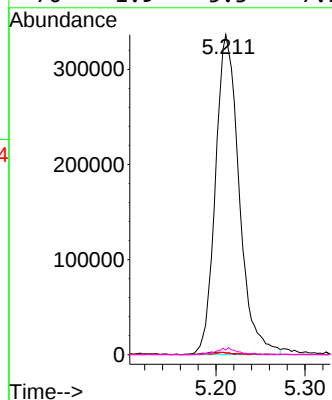
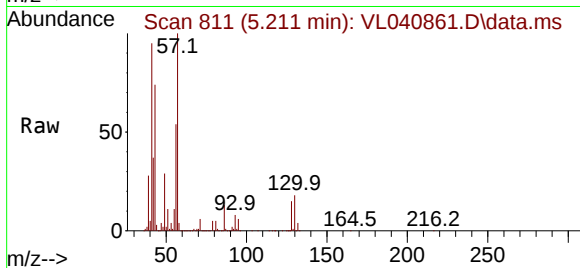




#25  
Ethyl Acetate  
Concen: 3.007 ppbv  
RT: 5.211 min Scan# 811  
Delta R.T. 0.026 min  
Lab File: VL040861.D  
Acq: 14 Nov 2023 21:52

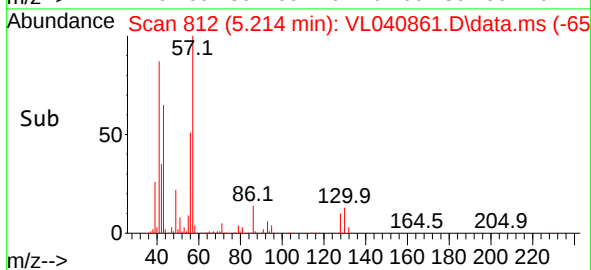
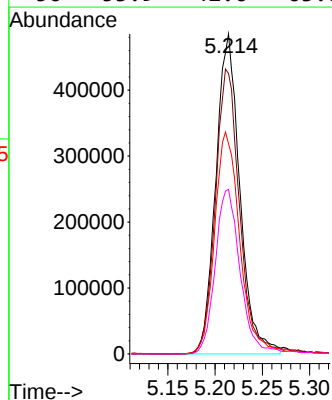
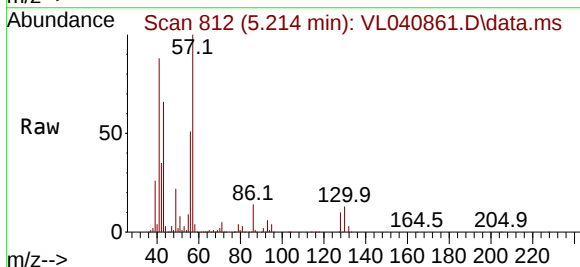
Instrument :  
MSVOA\_L  
ClientSampleId :

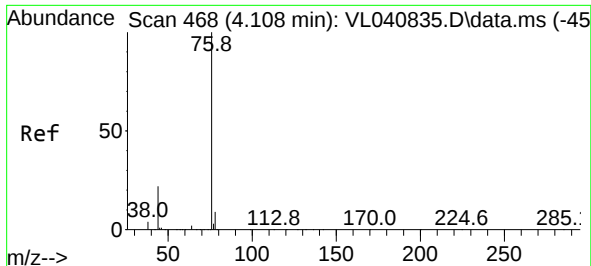
Tgt Ion: 43 Resp: 622825  
Ion Ratio Lower Upper  
43 100  
45 1.0 8.1 12.1#  
61 0.6 7.8 11.6#  
70 1.9 5.3 7.9#



#26  
Hexane  
Concen: 9.368 ppbv  
RT: 5.214 min Scan# 812  
Delta R.T. 0.019 min  
Lab File: VL040861.D  
Acq: 14 Nov 2023 21:52

Tgt Ion: 57 Resp: 858784  
Ion Ratio Lower Upper  
57 100  
41 91.2 75.4 113.0  
43 73.4 185.9 278.9#  
56 53.9 42.6 63.8

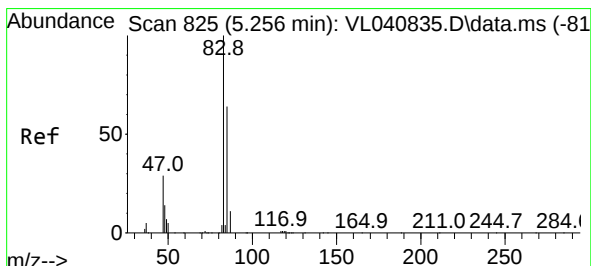
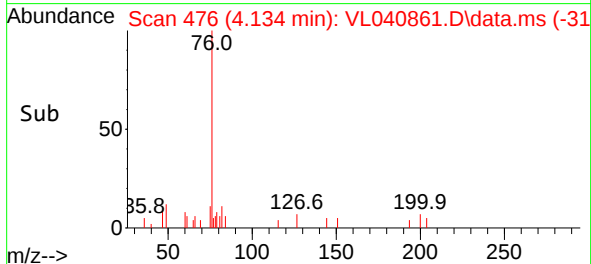
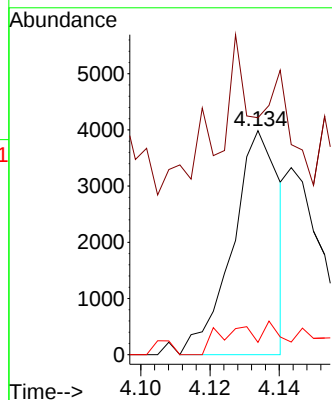
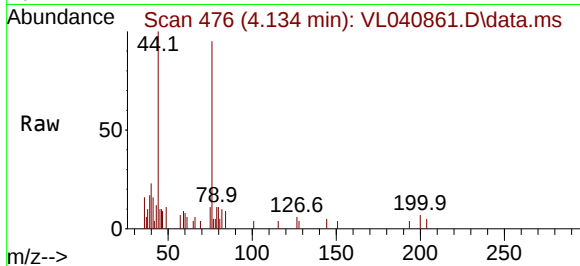




#27  
Carbon Disulfide  
Concen: 0.032 ppbv  
RT: 4.134 min Scan# 41  
Delta R.T. 0.026 min  
Lab File: VL040861.D  
Acq: 14 Nov 2023 21:52

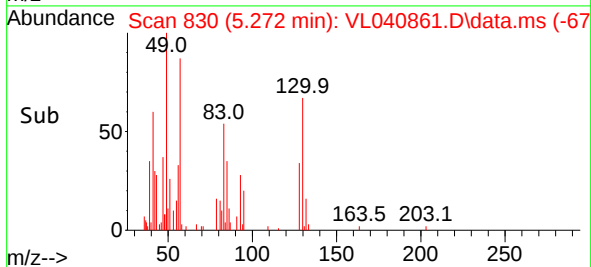
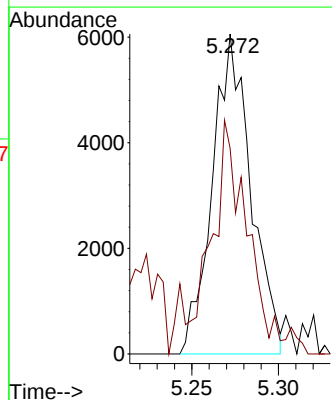
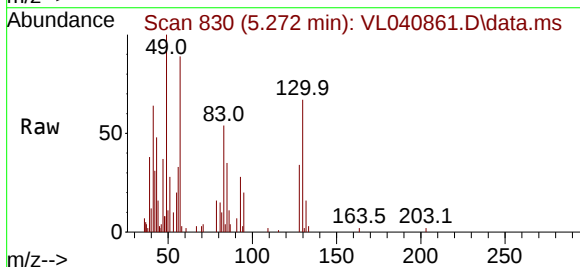
Instrument :  
MSVOA\_L  
ClientSampleId :

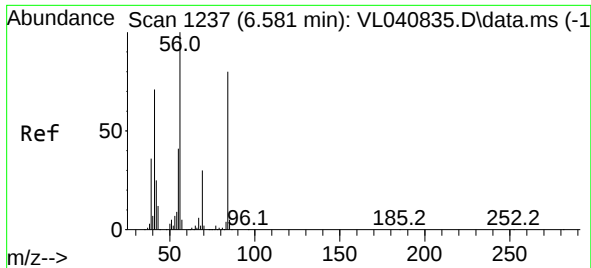
Tgt Ion: 76 Resp: 3691  
Ion Ratio Lower Upper  
76 100  
44 171.7 16.7 25.1#  
78 28.7 7.6 11.4#



#29  
Chloroform  
Concen: 0.061 ppbv  
RT: 5.272 min Scan# 830  
Delta R.T. 0.016 min  
Lab File: VL040861.D  
Acq: 14 Nov 2023 21:52

Tgt Ion: 83 Resp: 9408  
Ion Ratio Lower Upper  
83 100  
85 64.1 51.4 77.0

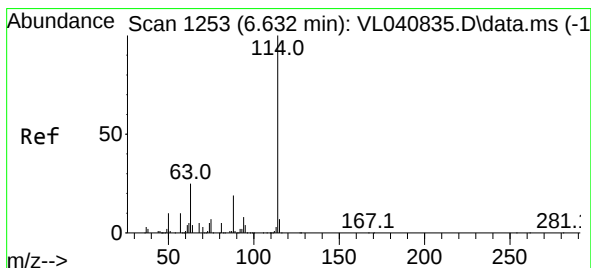
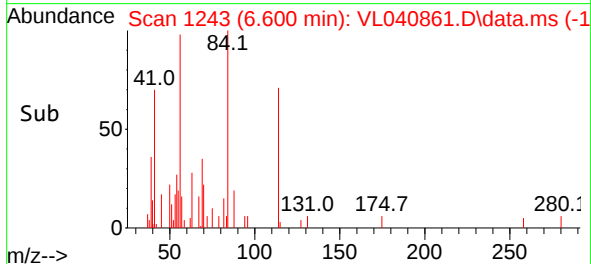
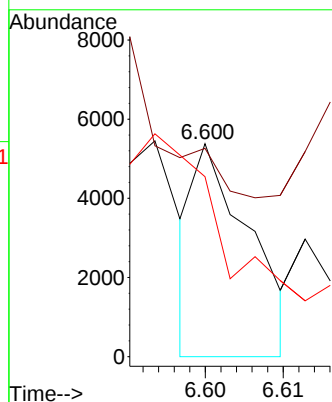
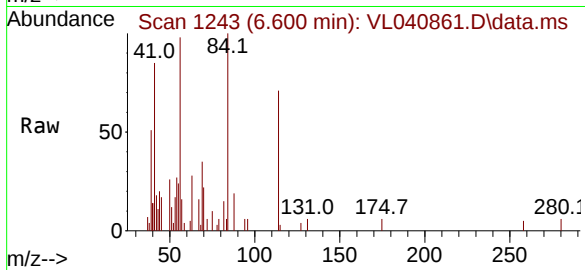




#30  
Cyclohexane  
Concen: 0.034 ppbv  
RT: 6.600 min Scan# 11  
Delta R.T. 0.019 min  
Lab File: VL040861.D  
Acq: 14 Nov 2023 21:52

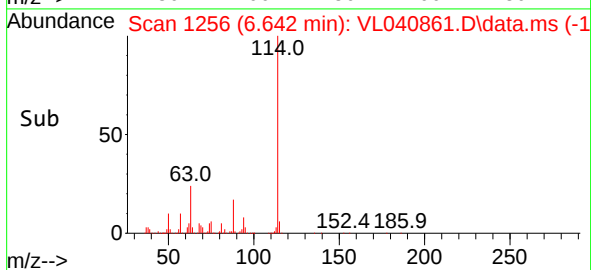
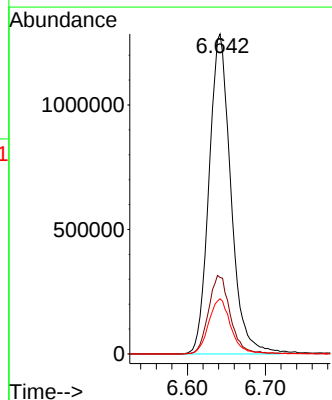
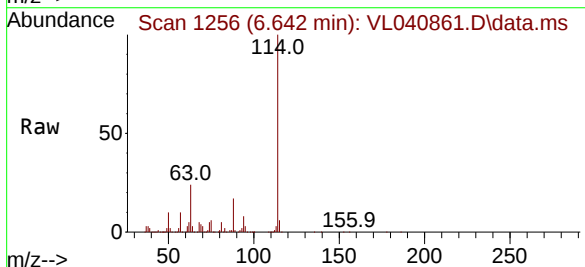
Instrument :  
MSVOA\_L  
ClientSampleId :

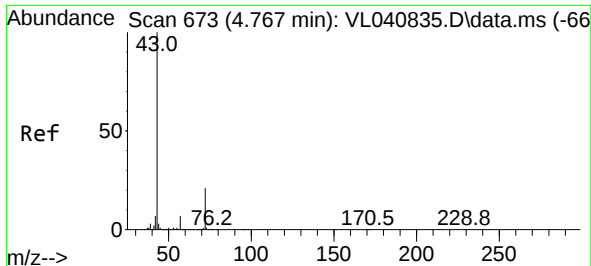
Tgt Ion: 84 Resp: 2664  
Ion Ratio Lower Upper  
84 100  
56 0.0 109.3 163.9#  
41 0.0 71.4 107.2#



#33  
1,4-Difluorobenzene  
Concen: 10.000 ppbv  
RT: 6.642 min Scan# 1256  
Delta R.T. 0.010 min  
Lab File: VL040861.D  
Acq: 14 Nov 2023 21:52

Tgt Ion: 114 Resp: 2500143  
Ion Ratio Lower Upper  
114 100  
63 24.8 20.9 31.3  
88 17.8 14.3 21.5

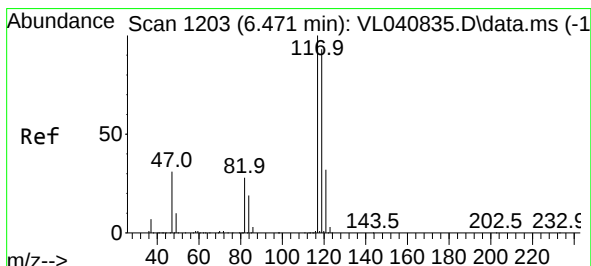
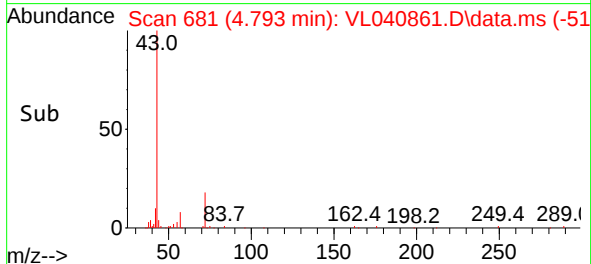
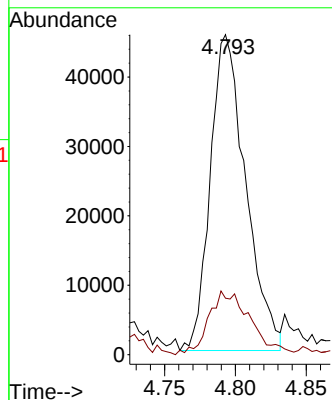
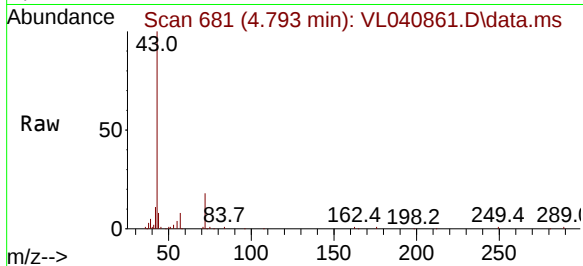




#34  
2-Butanone  
Concen: 0.620 ppbv  
RT: 4.793 min Scan# 61  
Delta R.T. 0.026 min  
Lab File: VL040861.D  
Acq: 14 Nov 2023 21:52

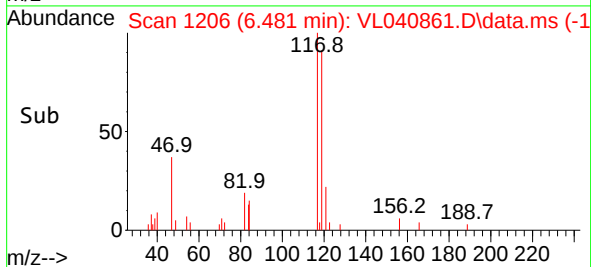
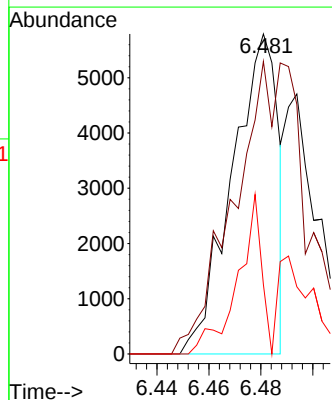
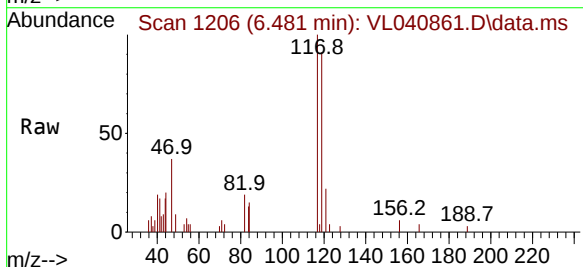
Instrument :  
MSVOA\_L  
ClientSampleId :

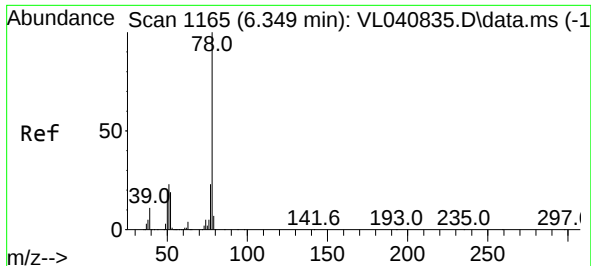
Tgt Ion: 43 Resp: 78960  
Ion Ratio Lower Upper  
43 100  
72 25.1 17.2 25.8



#35  
Carbon Tetrachloride  
Concen: 0.046 ppbv  
RT: 6.481 min Scan# 1206  
Delta R.T. 0.010 min  
Lab File: VL040861.D  
Acq: 14 Nov 2023 21:52

Tgt Ion: 117 Resp: 7111  
Ion Ratio Lower Upper  
117 100  
119 86.5 74.7 112.1  
121 21.7 25.5 38.3#

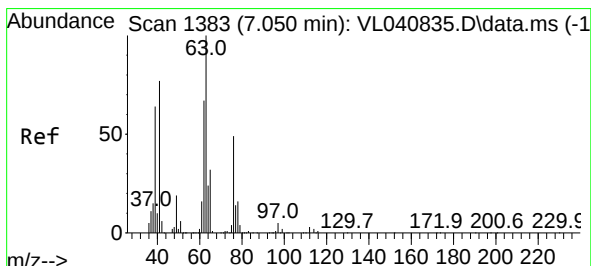
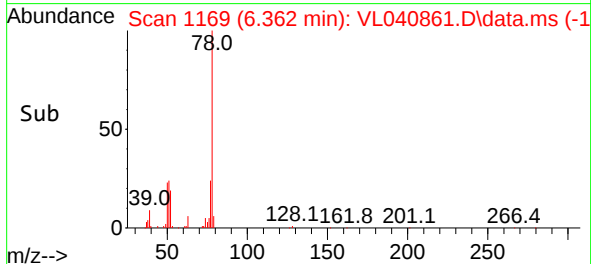
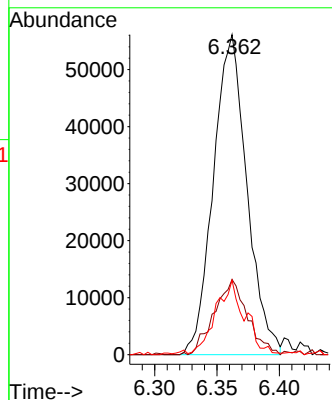
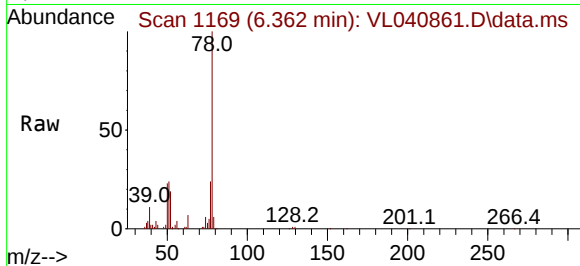




#36  
Benzene  
Concen: 0.517 ppbv  
RT: 6.362 min Scan# 1169  
Delta R.T. 0.013 min  
Lab File: VL040861.D  
Acq: 14 Nov 2023 21:52

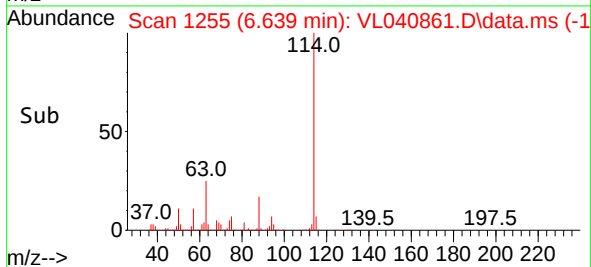
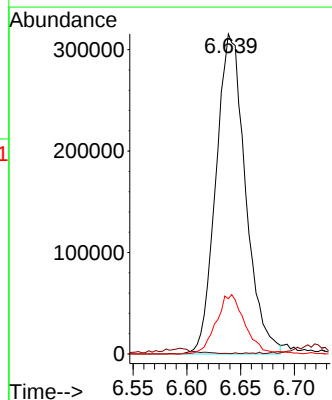
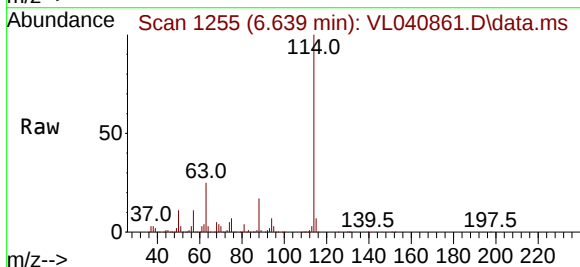
Instrument :  
MSVOA\_L  
ClientSampleId :

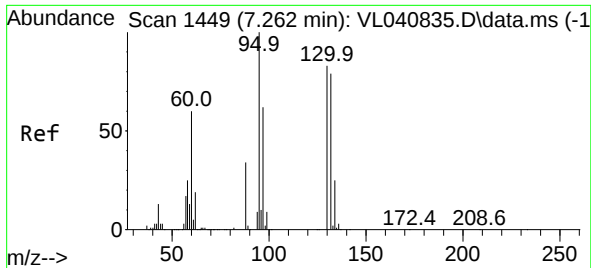
Tgt Ion: 78 Resp: 104980  
Ion Ratio Lower Upper  
78 100  
77 23.5 18.4 27.6  
50 22.4 16.2 24.2



#39  
1,2-Dichloropropane  
Concen: 7.496 ppbv  
RT: 6.639 min Scan# 1255  
Delta R.T. -0.412 min  
Lab File: VL040861.D  
Acq: 14 Nov 2023 21:52

Tgt Ion: 63 Resp: 603110  
Ion Ratio Lower Upper  
63 100  
41 0.0 61.5 92.3#  
62 17.2 53.9 80.9#

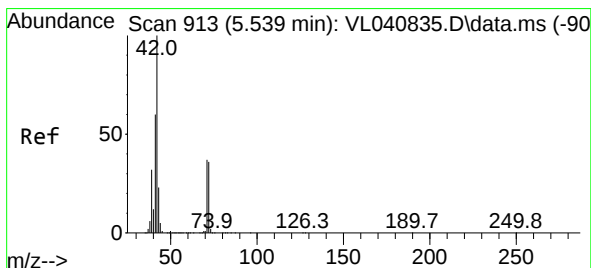
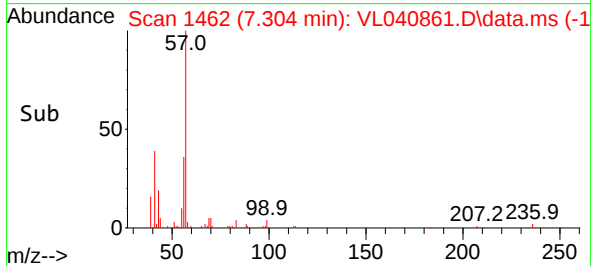
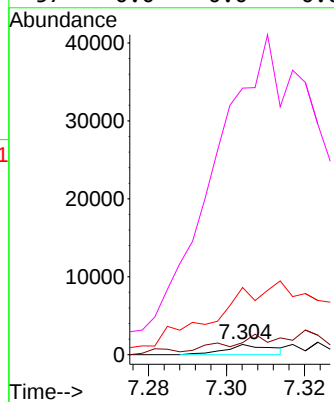
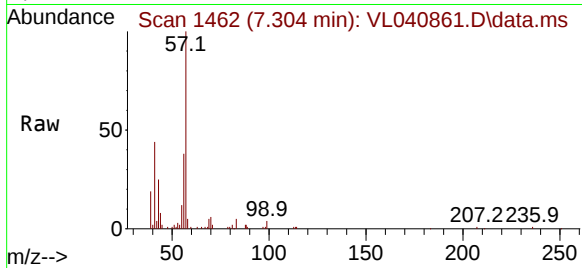




#40  
1,4-Dioxane  
Concen: 0.034 ppbv  
RT: 7.304 min Scan# 1449  
Delta R.T. 0.042 min  
Lab File: VL040861.D  
Acq: 14 Nov 2023 21:52

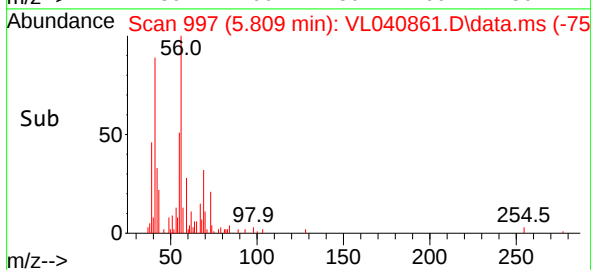
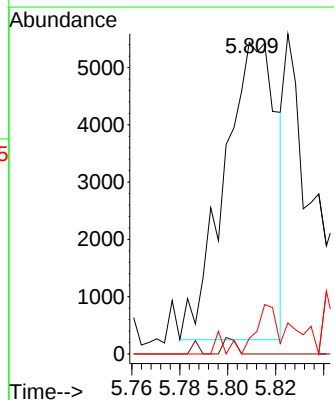
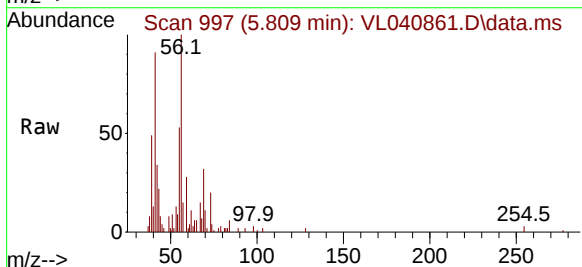
Instrument :  
MSVOA\_L  
ClientSampleId :

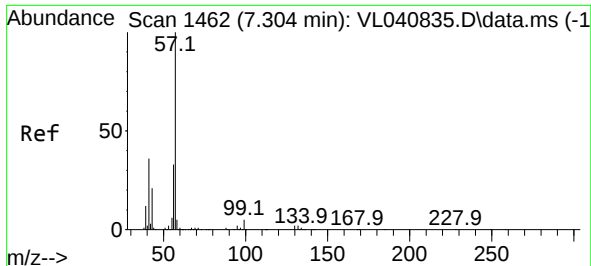
Tgt Ion: 88 Resp: 1071  
Ion Ratio Lower Upper  
88 100  
58 0.0 101.0 151.6#  
43 0.0 0.0 0.0  
57 0.0 0.0 0.0



#41  
Tetrahydrofuran  
Concen: 0.101 ppbv  
RT: 5.809 min Scan# 997  
Delta R.T. 0.270 min  
Lab File: VL040861.D  
Acq: 14 Nov 2023 21:52

Tgt Ion: 42 Resp: 7897  
Ion Ratio Lower Upper  
42 100  
72 1.8 30.8 46.2#  
71 0.0 30.0 45.0#

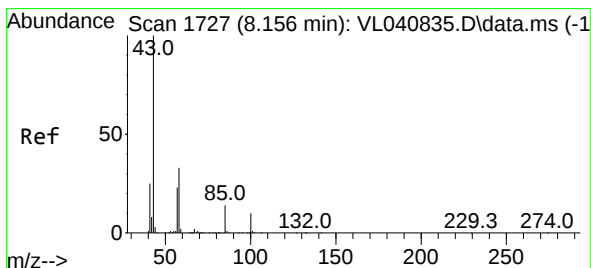
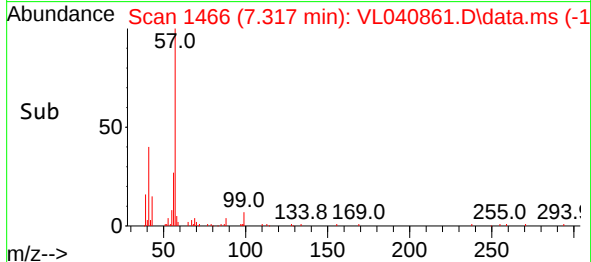
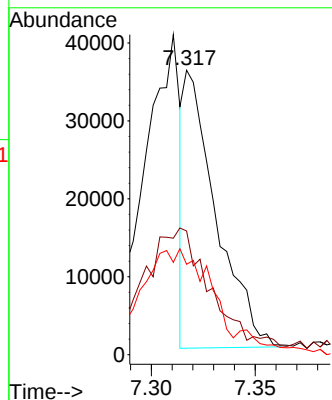
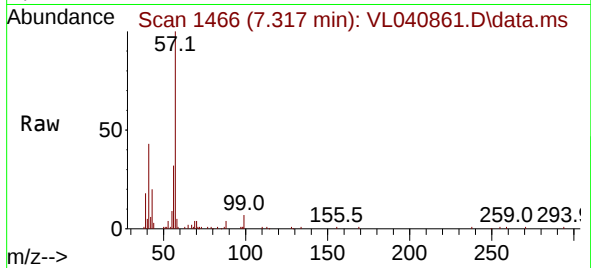




#44  
2,2,4-Trimethylpentane  
Concen: 0.113 ppbv  
RT: 7.317 min Scan# 1466  
Delta R.T. 0.013 min  
Lab File: VL040861.D  
Acq: 14 Nov 2023 21:52

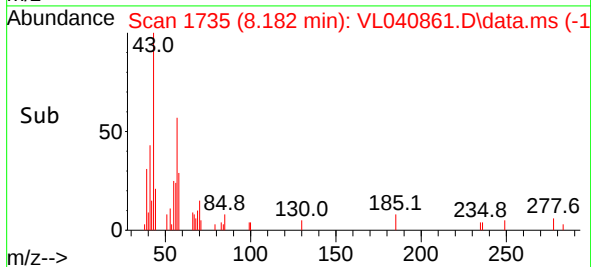
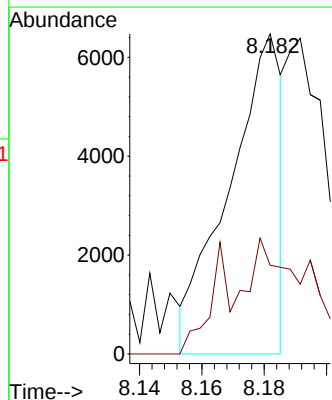
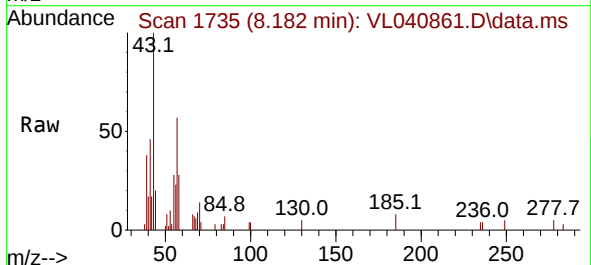
Instrument :  
MSVOA\_L  
ClientSampleId :

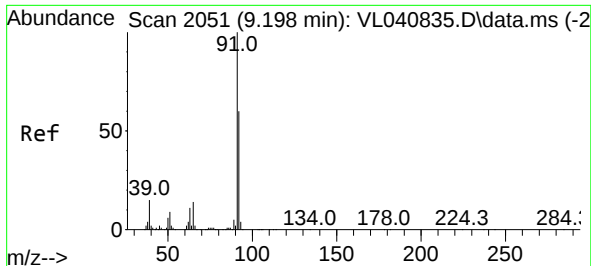
Tgt Ion: 57 Resp: 38230  
Ion Ratio Lower Upper  
57 100  
41 105.2 29.0 43.6#  
56 93.6 25.2 37.8#



#50  
4-Methyl-2-Pentanone  
Concen: 0.038 ppbv  
RT: 8.182 min Scan# 1735  
Delta R.T. 0.026 min  
Lab File: VL040861.D  
Acq: 14 Nov 2023 21:52

Tgt Ion: 43 Resp: 7511  
Ion Ratio Lower Upper  
43 100  
58 75.9 27.8 41.6#

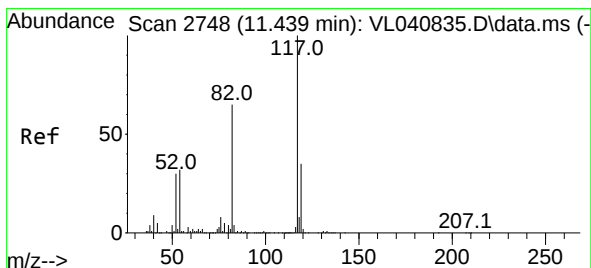
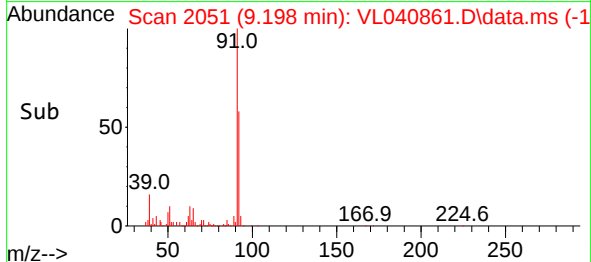
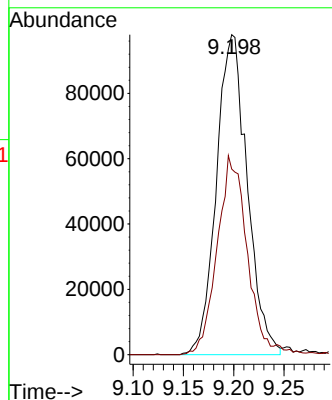
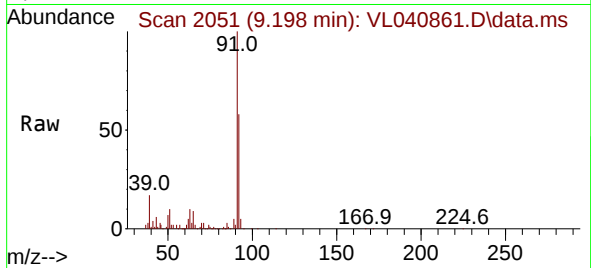




#53  
Toluene  
Concen: 0.936 ppbv  
RT: 9.198 min Scan# 2051  
Delta R.T. -0.000 min  
Lab File: VL040861.D  
Acq: 14 Nov 2023 21:52

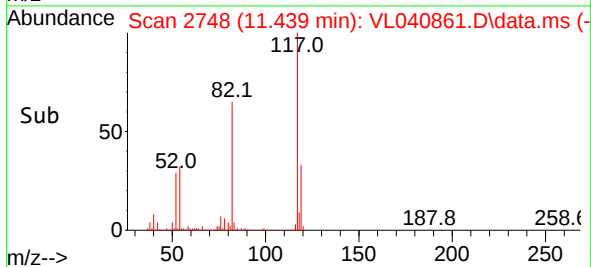
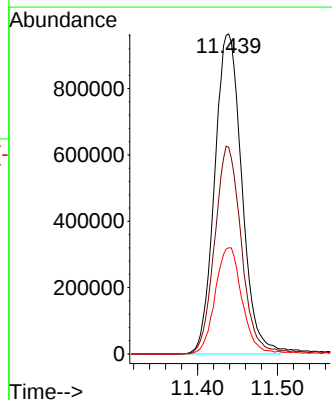
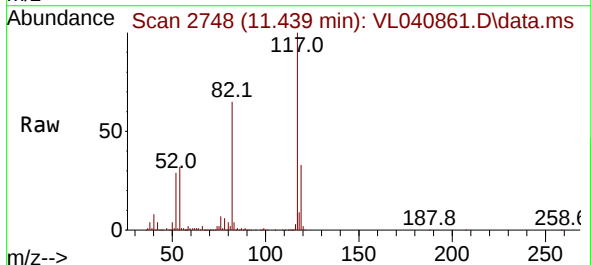
Instrument :  
MSVOA\_L  
ClientSampleId :

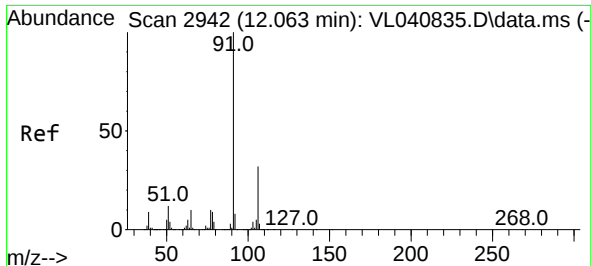
Tgt Ion: 91 Resp: 208976  
Ion Ratio Lower Upper  
91 100  
92 60.9 49.4 74.2



#55  
Chlorobenzene-d5  
Concen: 10.000 ppbv  
RT: 11.439 min Scan# 2748  
Delta R.T. -0.000 min  
Lab File: VL040861.D  
Acq: 14 Nov 2023 21:52

Tgt Ion: 117 Resp: 2272848  
Ion Ratio Lower Upper  
117 100  
82 64.2 50.6 75.8  
119 33.2 23.3 34.9





#58

Ethyl Benzene

Concen: 0.165 ppbv

RT: 12.056 min Scan# 2940

Delta R.T. -0.007 min

Lab File: VL040861.D

Acq: 14 Nov 2023 21:52

Instrument :

MSVOA\_L

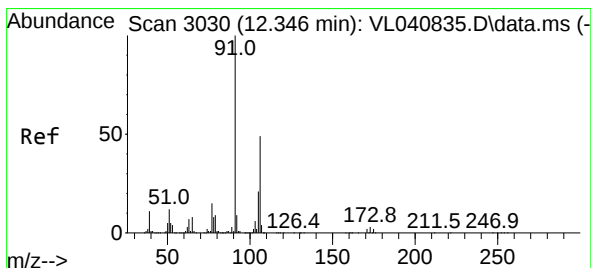
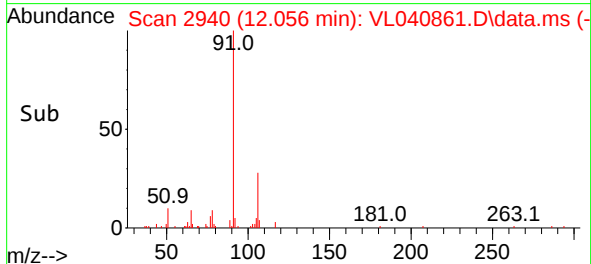
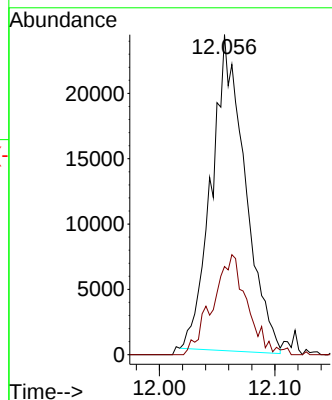
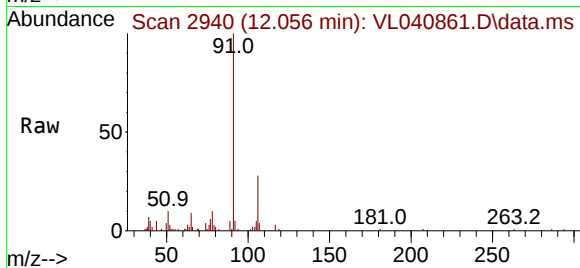
ClientSampleId :

Tgt Ion: 91 Resp: 49034

Ion Ratio Lower Upper

91 100

106 28.1 25.2 37.8



#59

m/p-Xylene

Concen: 0.120 ppbv

RT: 12.342 min Scan# 3029

Delta R.T. -0.003 min

Lab File: VL040861.D

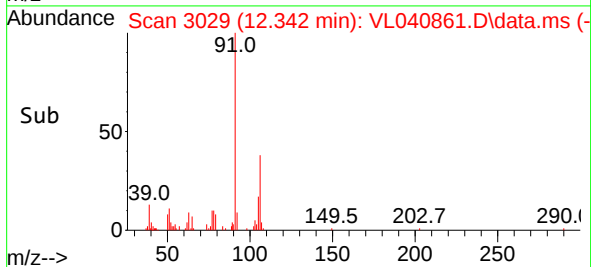
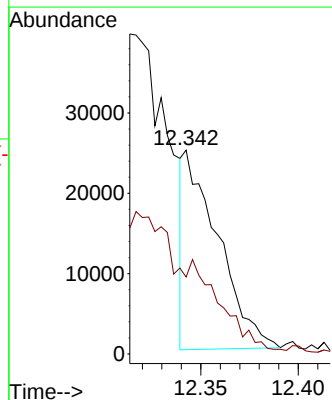
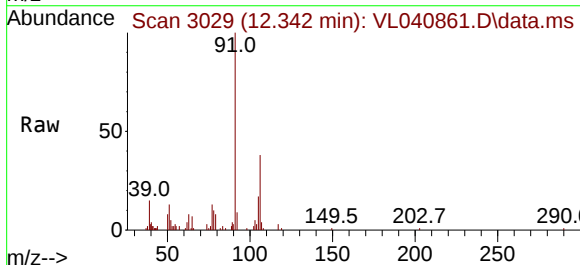
Acq: 14 Nov 2023 21:52

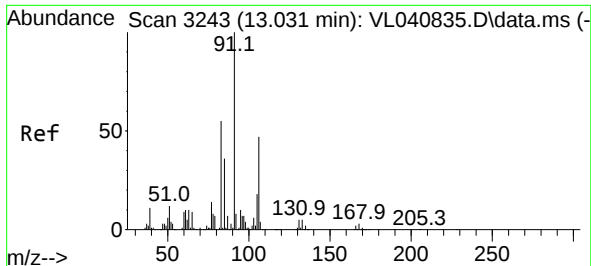
Tgt Ion: 91 Resp: 30280

Ion Ratio Lower Upper

91 100

106 0.0 35.4 53.0#

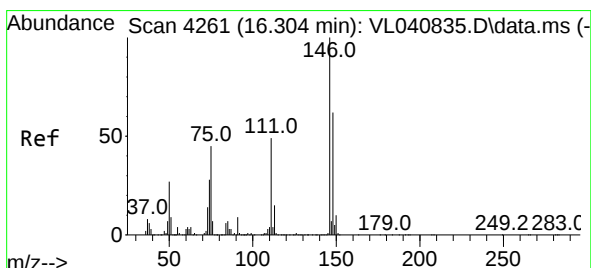
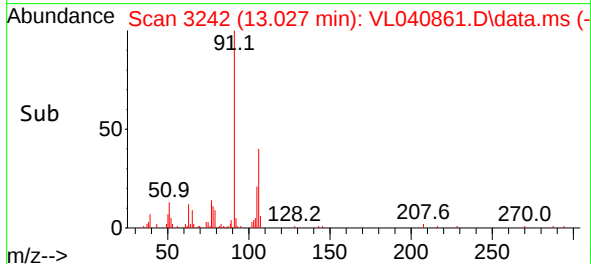
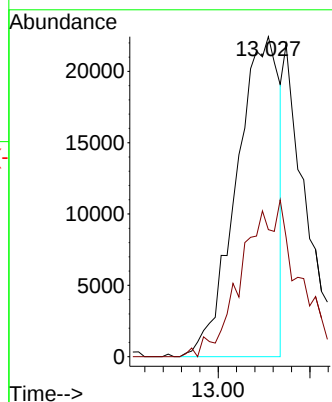
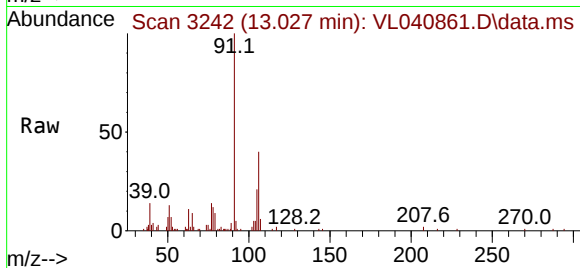




#60  
o-Xylene  
Concen: 0.151 ppbv  
RT: 13.027 min Scan# 31  
Delta R.T. -0.003 min  
Lab File: VL040861.D  
Acq: 14 Nov 2023 21:52

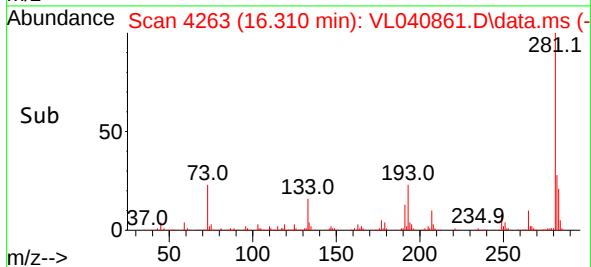
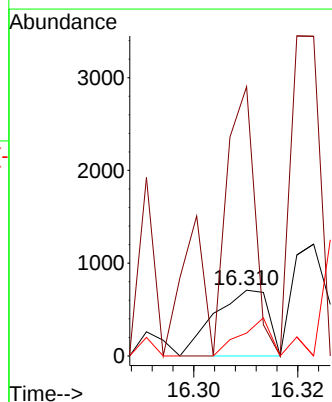
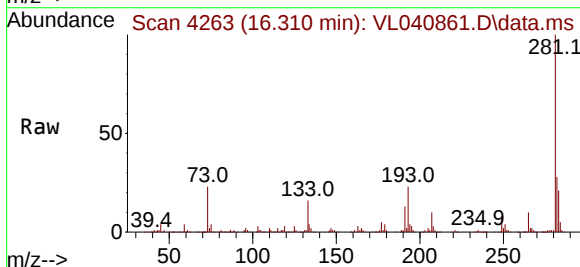
Instrument :  
MSVOA\_L  
ClientSampleId :

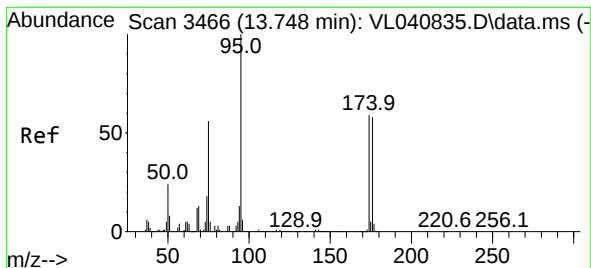
Tgt Ion: 91 Resp: 36358  
Ion Ratio Lower Upper  
91 100  
106 0.0 22.9 68.5#



#66  
Benzyl Chloride  
Concen: 0.046 ppbv  
RT: 16.310 min Scan# 4263  
Delta R.T. 0.006 min  
Lab File: VL040861.D  
Acq: 14 Nov 2023 21:52

Tgt Ion: 91 Resp: 508  
Ion Ratio Lower Upper  
91 100  
126 0.0 12.8 19.2#  
128 0.0 0.0 0.0

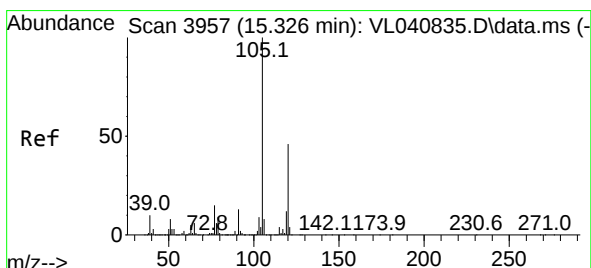
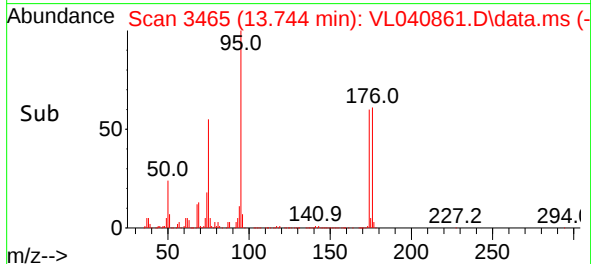
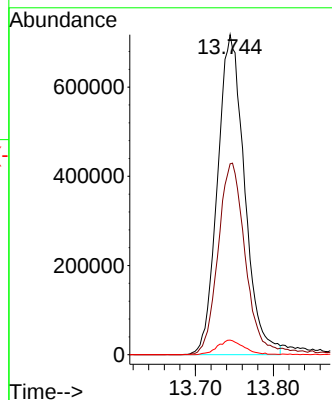
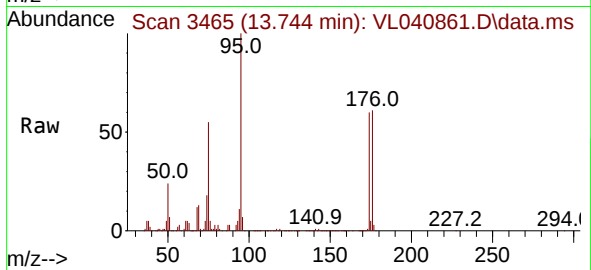




#68  
 1-Bromo-4-Fluorobenzene  
 Concen: 9.733 ppbv  
 RT: 13.744 min Scan# 3466  
 Delta R.T. -0.003 min  
 Lab File: VL040861.D  
 Acq: 14 Nov 2023 21:52

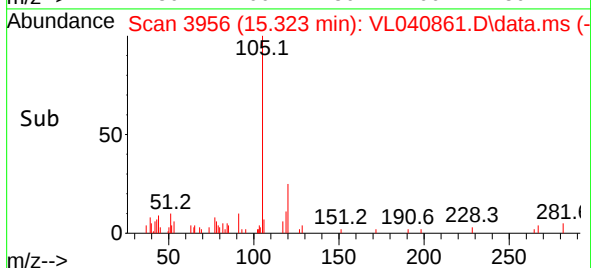
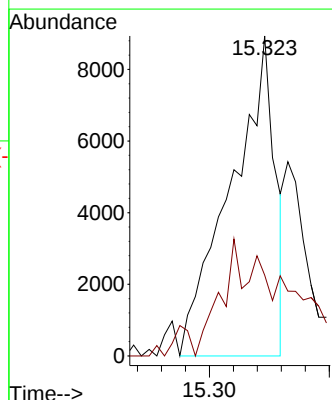
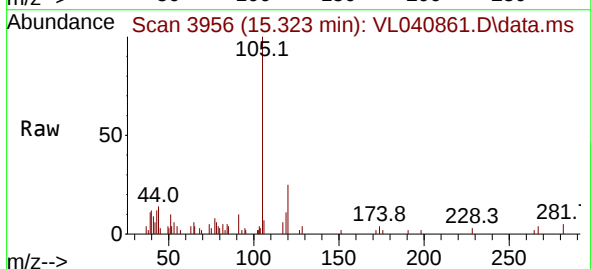
Instrument :  
 MSVOA\_L  
 ClientSampleId :

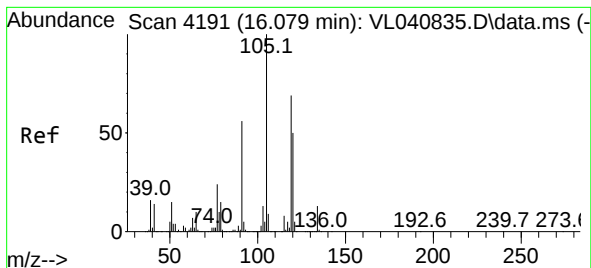
Tgt Ion: 95 Resp: 1731972  
 Ion Ratio Lower Upper  
 95 100  
 174 62.0 47.5 71.3  
 175 4.6 3.6 5.4



#73  
 1,3,5-Trimethylbenzene  
 Concen: 0.049 ppbv  
 RT: 15.323 min Scan# 3956  
 Delta R.T. -0.003 min  
 Lab File: VL040861.D  
 Acq: 14 Nov 2023 21:52

Tgt Ion: 105 Resp: 11394  
 Ion Ratio Lower Upper  
 105 100  
 120 15.7 36.8 55.2#





#74

1,2,4-Trimethylbenzene

Concen: 0.055 ppbv

RT: 16.079 min Scan# 41

Delta R.T. -0.000 min

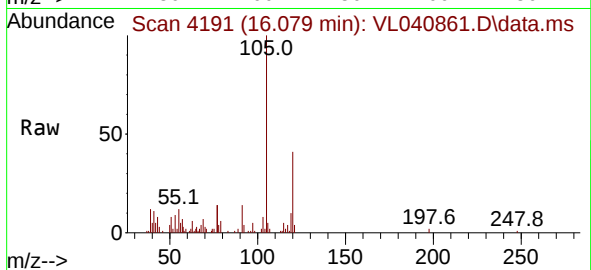
Lab File: VL040861.D

Acq: 14 Nov 2023 21:52

Instrument :

MSVOA\_L

ClientSampleId :



Tgt Ion:105 Resp: 14441

Ion Ratio Lower Upper

105 100

120 19.1 40.2 60.2#

91 11.6 45.7 68.5#

77 60.2 19.2 28.8#

