

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL111423\  
 Data File : VL040860.D  
 Acq On : 14 Nov 2023 21:11  
 Operator : SY/MD  
 Sample : 05275-07  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :

Quant Time: Nov 16 04:51:50 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

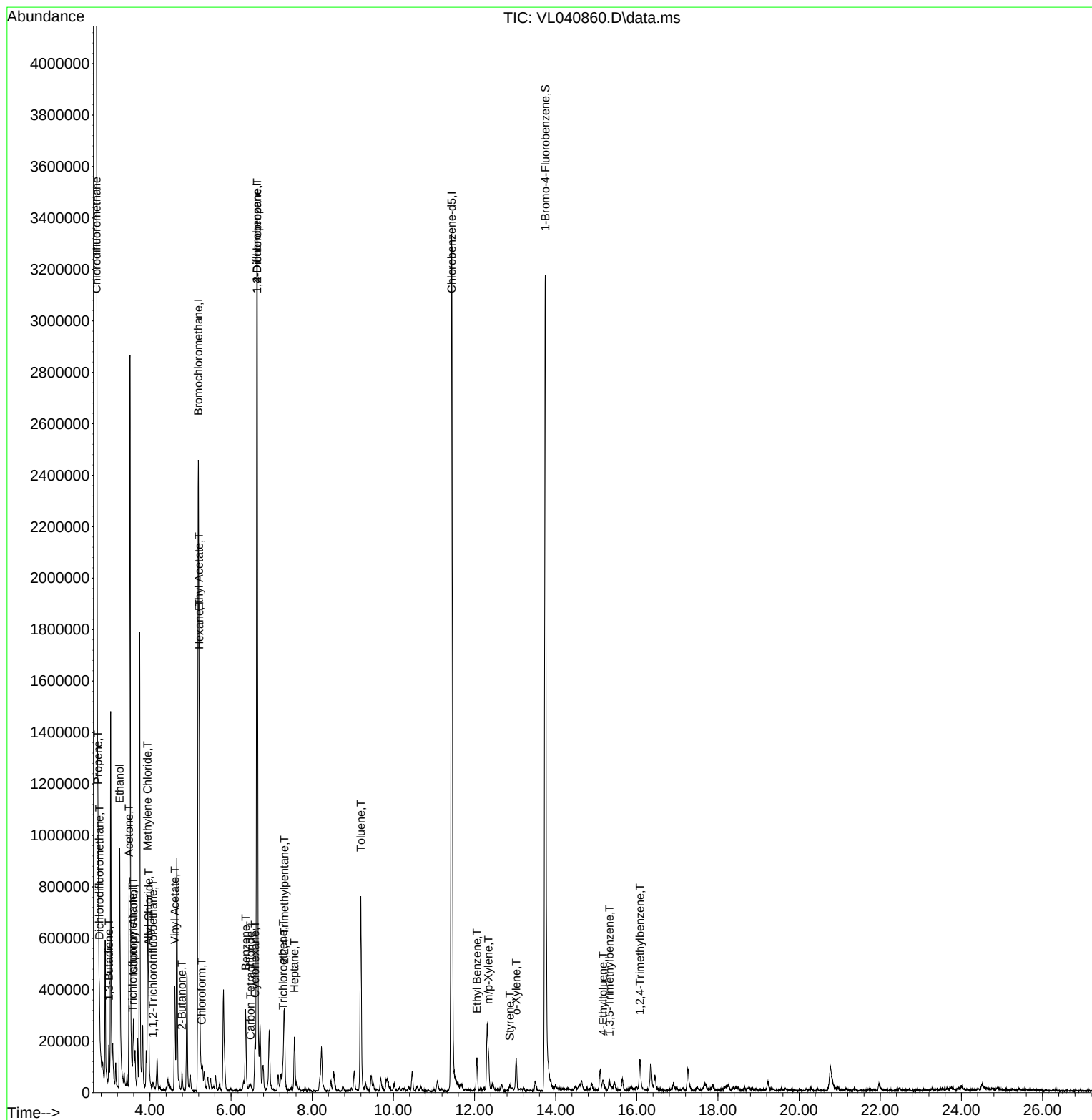
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) Bromochloromethane         | 5.192  | 49    | 1020207  | 10.000   | ppbv   | 0.02     |
| 33) 1,4-Difluorobenzene       | 6.639  | 114   | 2642849  | 10.000   | ppbv   | 0.00     |
| 55) Chlorobenzene-d5          | 11.436 | 117   | 2259130  | 10.000   | ppbv   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene   | 13.745 | 95    | 1726296  | 9.760    | ppbv   | 0.00     |
| Spiked Amount                 | 10.000 | Range | 65 - 135 | Recovery | =      | 97.600%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 2.755  | 85    | 93718    | 0.453    | ppbv   | 98       |
| 3) Chlorodifluoromethane      | 2.681  | 51    | 418714   | 2.571    | ppbv # | 64       |
| 9) Propene                    | 2.723  | 41    | 114122   | 2.079    | ppbv   | 91       |
| 10) Heptane                   | 7.562  | 43    | 91414    | 0.677    | ppbv   | 92       |
| 11) Trichlorofluoromethane    | 3.578  | 101   | 30814    | 0.194    | ppbv   | 94       |
| 12) 1,1,2-Trichlorotrifluo... | 4.076  | 101   | 4986     | 0.044    | ppbv # | 57       |
| 13) Ethanol                   | 3.256  | 45    | 956201   | 89.706   | ppbv # | 100      |
| 15) Acetone                   | 3.485  | 43    | 501199   | 4.613    | ppbv # | 77       |
| 16) 1,3-Butadiene             | 2.989  | 39    | 45823    | 0.834    | ppbv # | 48       |
| 19) Isopropyl Alcohol         | 3.594  | 45    | 262943   | 4.021    | ppbv # | 98       |
| 20) Methylene Chloride        | 3.944  | 84    | 219563   | 4.896    | ppbv   | 95       |
| 21) Allyl Chloride            | 3.970  | 41    | 53177    | 0.765    | ppbv # | 56       |
| 23) Vinyl Acetate             | 4.616  | 43    | 138646   | 0.988    | ppbv # | 1        |
| 25) Ethyl Acetate             | 5.211  | 43    | 348582   | 1.549    | ppbv # | 79       |
| 26) Hexane                    | 5.214  | 57    | 471252   | 4.733    | ppbv # | 42       |
| 29) Chloroform                | 5.275  | 83    | 5794     | 0.034    | ppbv   | 97       |
| 30) Cyclohexane               | 6.591  | 84    | 59838    | 0.699    | ppbv   | 96       |
| 34) 2-Butanone                | 4.787  | 43    | 35988    | 0.267    | ppbv # | 54       |
| 35) Carbon Tetrachloride      | 6.478  | 117   | 5689     | 0.035    | ppbv   | 88       |
| 36) Benzene                   | 6.362  | 78    | 241402   | 1.125    | ppbv # | 89       |
| 38) Trichloroethene           | 7.285  | 130   | 5009     | 0.060    | ppbv   | 90       |
| 39) 1,2-Dichloropropane       | 6.642  | 63    | 637636   | 7.498    | ppbv # | 23       |
| 44) 2,2,4-Trimethylpentane    | 7.311  | 57    | 257578   | 0.723    | ppbv # | 86       |
| 53) Toluene                   | 9.198  | 91    | 557897   | 2.364    | ppbv   | 98       |
| 58) Ethyl Benzene             | 12.060 | 91    | 108098   | 0.367    | ppbv # | 88       |
| 59) m/p-Xylene                | 12.340 | 91    | 78639    | 0.313    | ppbv # | 32       |
| 60) o-Xylene                  | 13.031 | 91    | 100509   | 0.421    | ppbv   | 99       |
| 61) Styrene                   | 12.873 | 104   | 4190     | 0.036    | ppbv # | 1        |
| 72) 4-Ethyltoluene            | 15.166 | 105   | 18036    | 0.069    | ppbv # | 57       |
| 73) 1,3,5-Trimethylbenzene    | 15.323 | 105   | 12120    | 0.052    | ppbv # | 79       |
| 74) 1,2,4-Trimethylbenzene    | 16.076 | 105   | 56806    | 0.219    | ppbv # | 68       |
| -----                         |        |       |          |          |        |          |

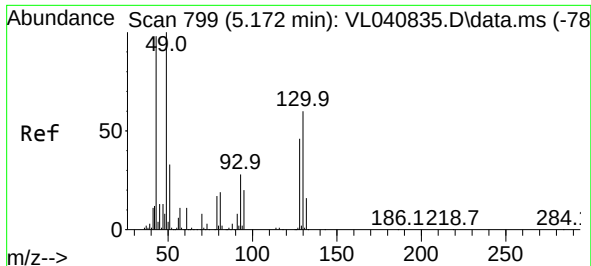
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL111423\  
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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  
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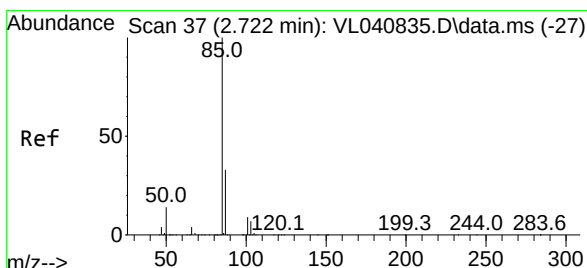
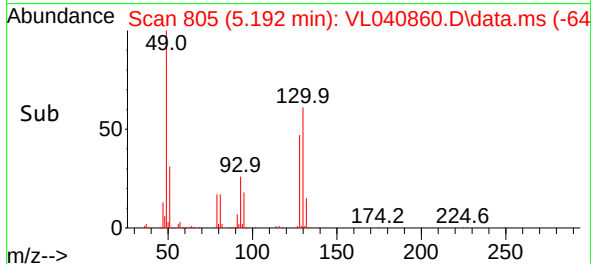
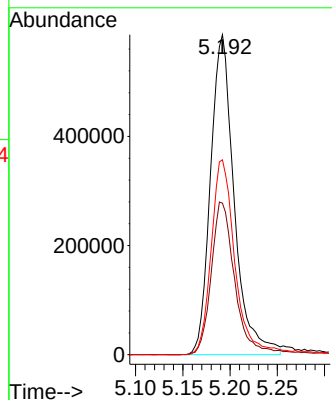
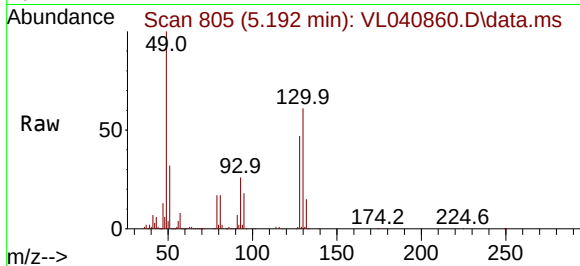




#1  
 Bromochloromethane  
 Concen: 10.000 ppbv  
 RT: 5.192 min Scan# 80  
 Delta R.T. 0.020 min  
 Lab File: VL040860.D  
 Acq: 14 Nov 2023 21:11

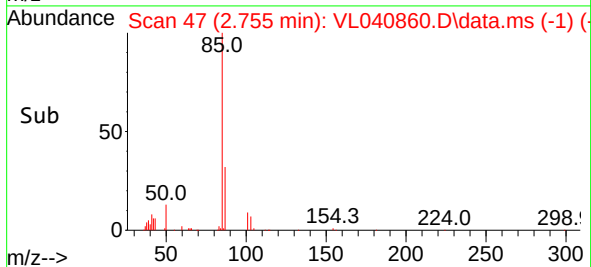
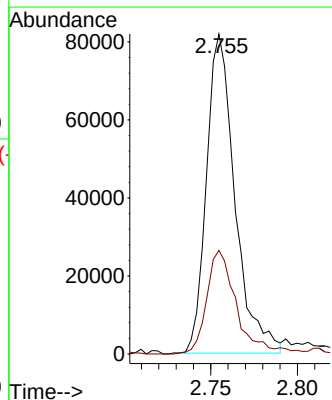
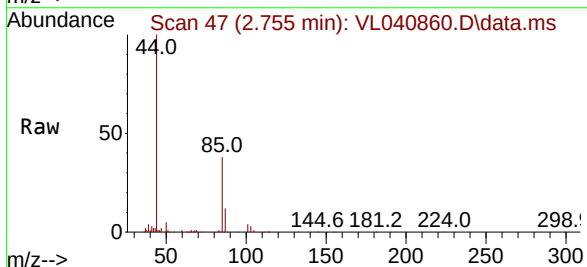
Instrument :  
 MSVOA\_L  
 ClientSampleId :

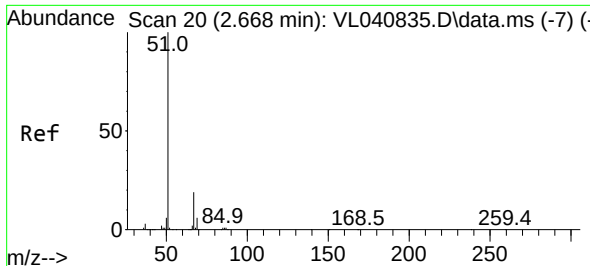
Tgt Ion: 49 Resp: 1020207  
 Ion Ratio Lower Upper  
 49 100  
 128 49.0 23.8 71.2  
 130 62.4 30.9 92.8



#2  
 Dichlorodifluoromethane  
 Concen: 0.453 ppbv  
 RT: 2.755 min Scan# 47  
 Delta R.T. 0.032 min  
 Lab File: VL040860.D  
 Acq: 14 Nov 2023 21:11

Tgt Ion: 85 Resp: 93718  
 Ion Ratio Lower Upper  
 85 100  
 87 32.0 26.7 40.1

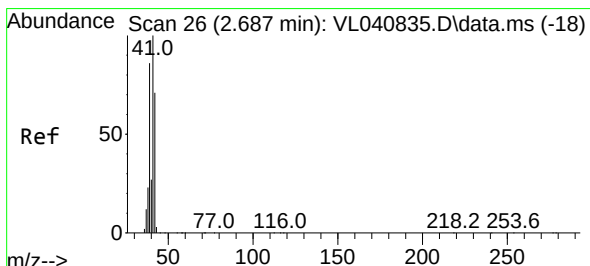
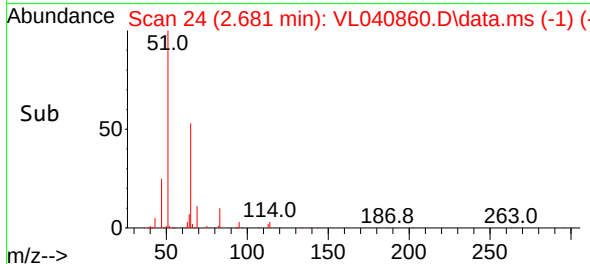
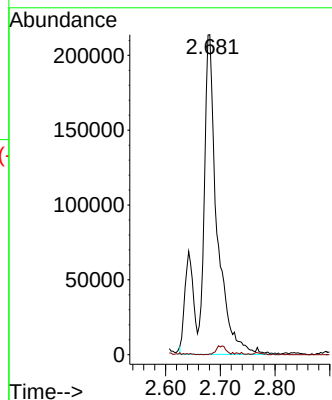
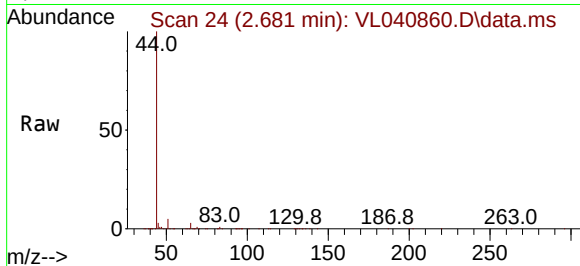




#3  
Chlorodifluoromethane  
Concen: 2.571 ppbv  
RT: 2.681 min Scan# 24  
Delta R.T. 0.013 min  
Lab File: VL040860.D  
Acq: 14 Nov 2023 21:11

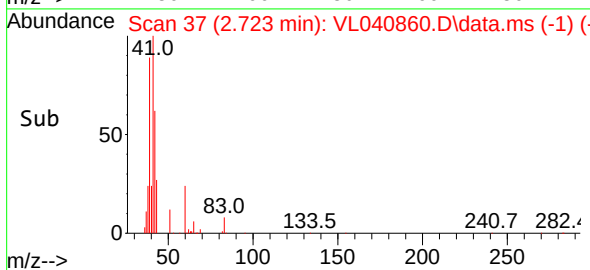
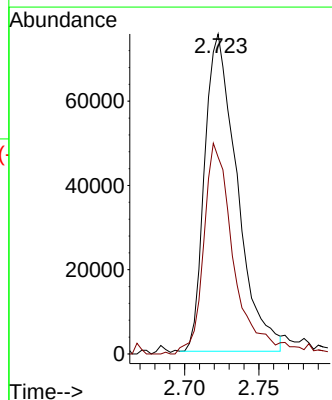
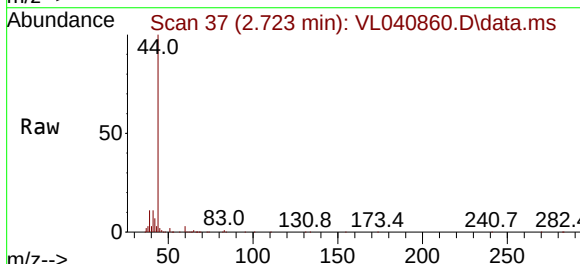
Instrument :  
MSVOA\_L  
ClientSampleId :

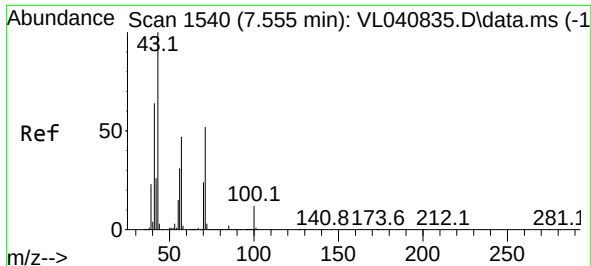
Tgt Ion: 51 Resp: 418714  
Ion Ratio Lower Upper  
51 100  
67 2.5 15.0 22.4#



#9  
Propene  
Concen: 2.079 ppbv  
RT: 2.723 min Scan# 37  
Delta R.T. 0.036 min  
Lab File: VL040860.D  
Acq: 14 Nov 2023 21:11

Tgt Ion: 41 Resp: 114122  
Ion Ratio Lower Upper  
41 100  
42 63.0 56.5 84.7

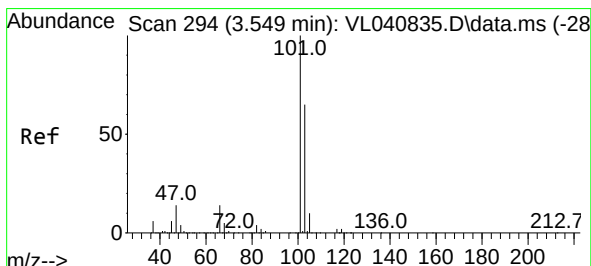
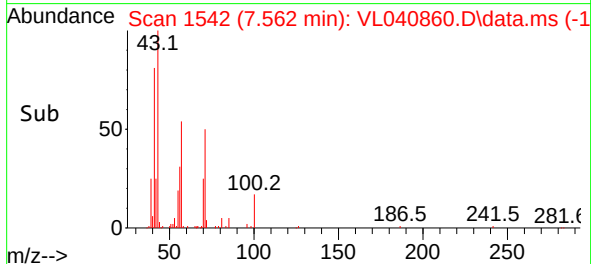
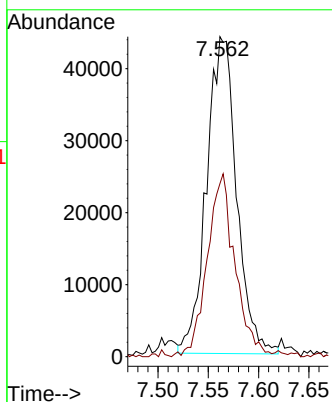
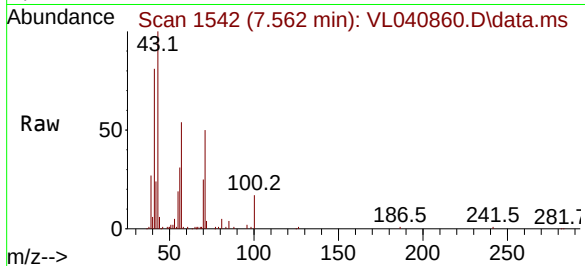




#10  
Heptane  
Concen: 0.677 ppbv  
RT: 7.562 min Scan# 11  
Delta R.T. 0.007 min  
Lab File: VL040860.D  
Acq: 14 Nov 2023 21:11

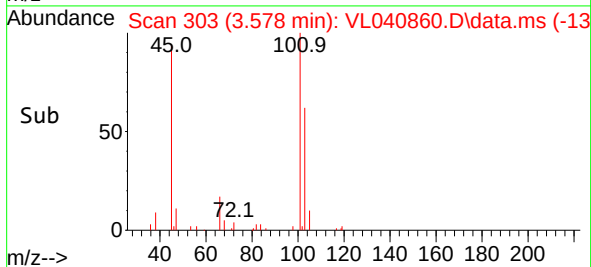
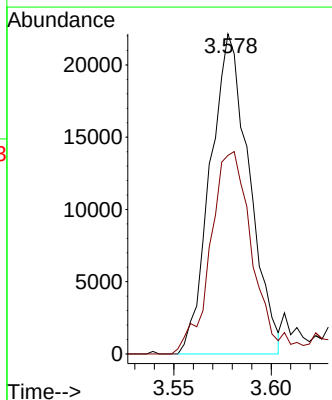
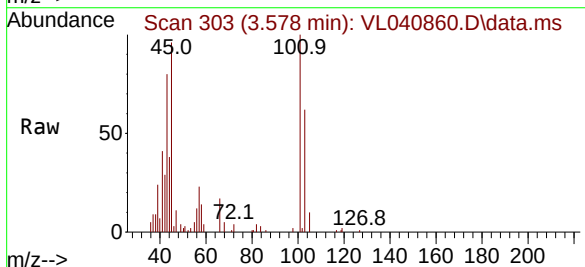
Instrument :  
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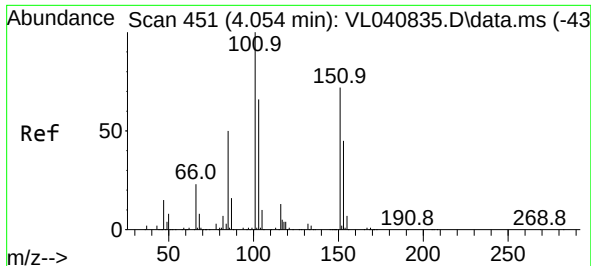
Tgt Ion: 43 Resp: 91414  
Ion Ratio Lower Upper  
43 100  
57 54.7 39.4 59.0



#11  
Trichlorofluoromethane  
Concen: 0.194 ppbv  
RT: 3.578 min Scan# 303  
Delta R.T. 0.029 min  
Lab File: VL040860.D  
Acq: 14 Nov 2023 21:11

Tgt Ion: 101 Resp: 30814  
Ion Ratio Lower Upper  
101 100  
103 60.4 51.8 77.8

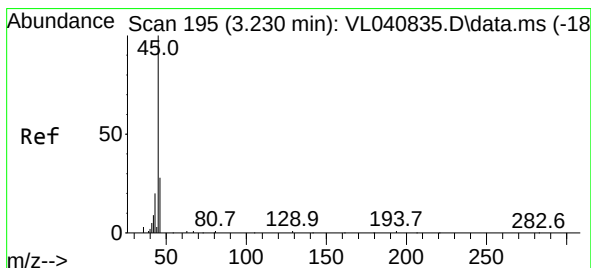
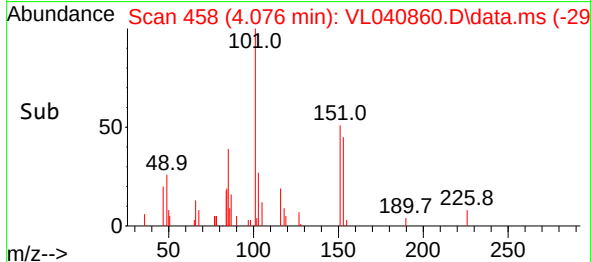
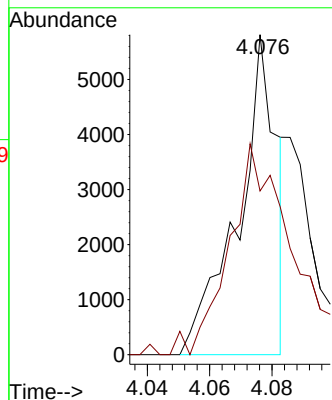
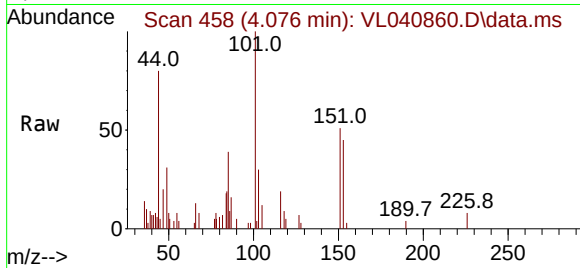




#12  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 0.044 ppbv  
 RT: 4.076 min Scan# 41  
 Delta R.T. 0.023 min  
 Lab File: VL040860.D  
 Acq: 14 Nov 2023 21:11

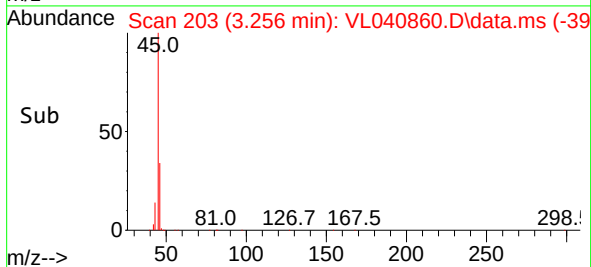
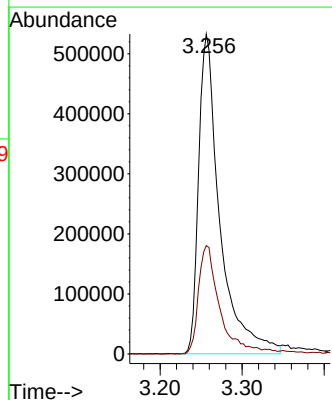
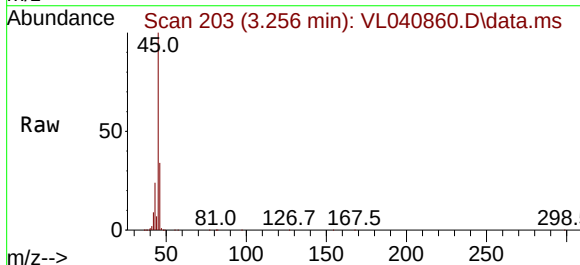
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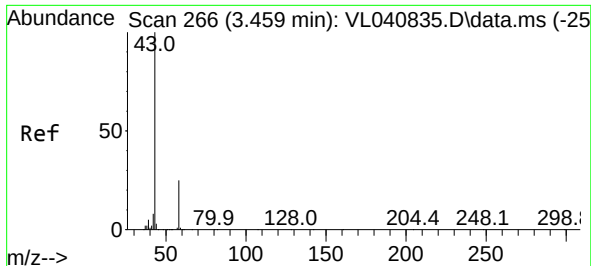
Tgt Ion:101 Resp: 4986  
 Ion Ratio Lower Upper  
 101 100  
 151 108.3 57.8 86.6#



#13  
 Ethanol  
 Concen: 89.706 ppbv  
 RT: 3.256 min Scan# 203  
 Delta R.T. 0.026 min  
 Lab File: VL040860.D  
 Acq: 14 Nov 2023 21:11

Tgt Ion: 45 Resp: 956201  
 Ion Ratio Lower Upper  
 45 100  
 46 35.5 0.0 0.0#

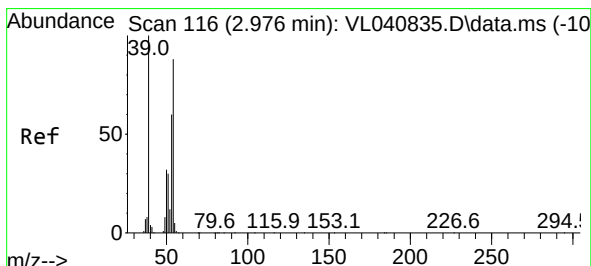
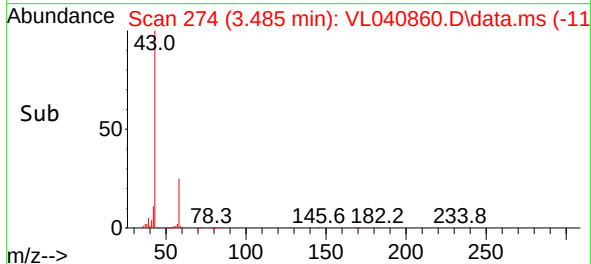
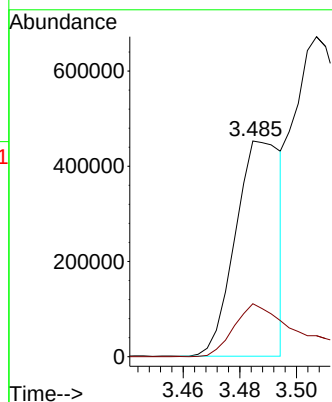
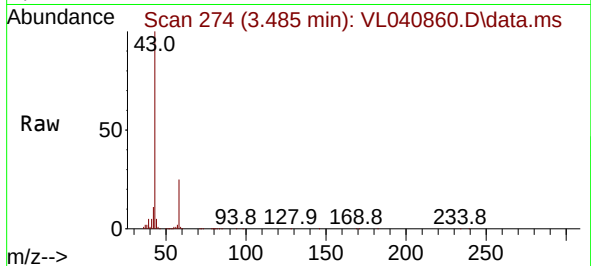




#15  
Acetone  
Concen: 4.613 ppbv  
RT: 3.485 min Scan# 21  
Delta R.T. 0.026 min  
Lab File: VL040860.D  
Acq: 14 Nov 2023 21:11

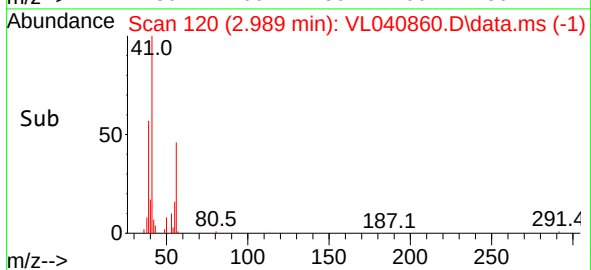
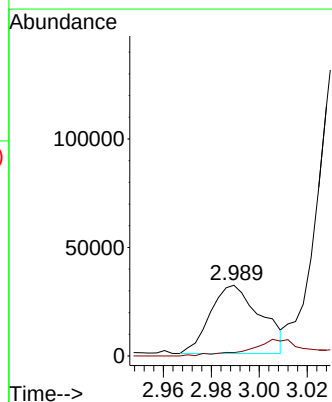
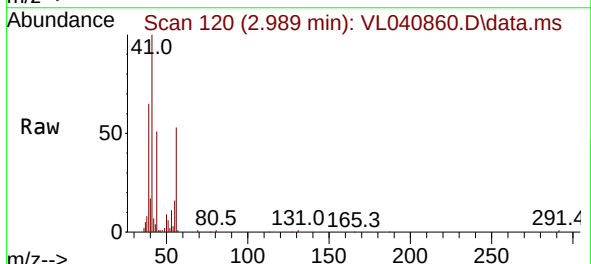
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ClientSampleId :

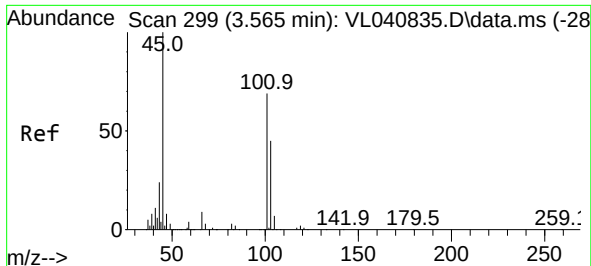
Tgt Ion: 43 Resp: 501199  
Ion Ratio Lower Upper  
43 100  
58 37.8 20.9 31.3#



#16  
1,3-Butadiene  
Concen: 0.834 ppbv  
RT: 2.989 min Scan# 120  
Delta R.T. 0.013 min  
Lab File: VL040860.D  
Acq: 14 Nov 2023 21:11

Tgt Ion: 39 Resp: 45823  
Ion Ratio Lower Upper  
39 100  
54 32.2 61.8 92.6#

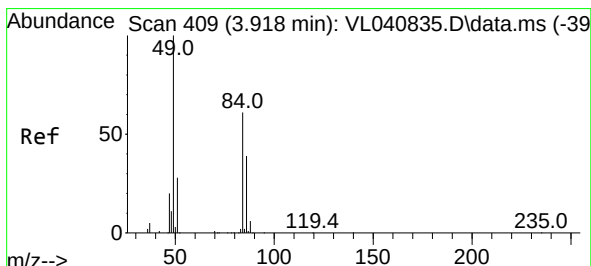
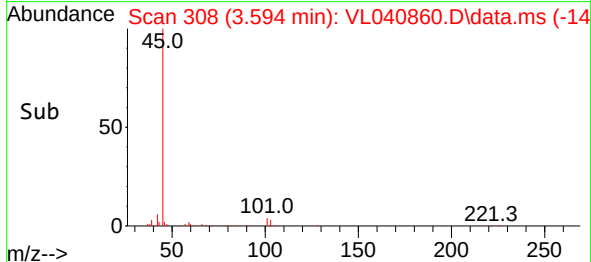
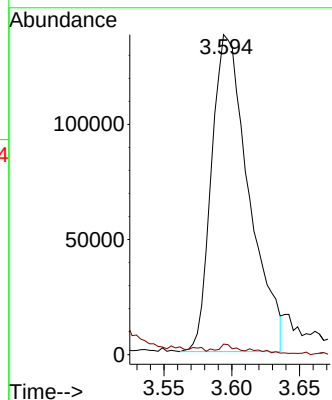
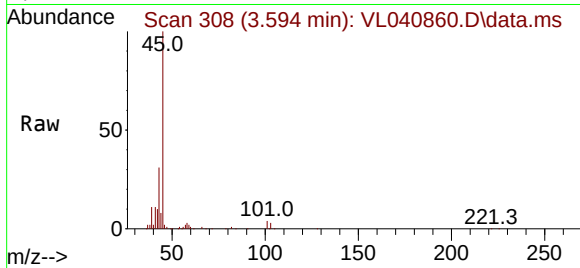




#19  
Isopropyl Alcohol  
Concen: 4.021 ppbv  
RT: 3.594 min Scan# 308  
Delta R.T. 0.029 min  
Lab File: VL040860.D  
Acq: 14 Nov 2023 21:11

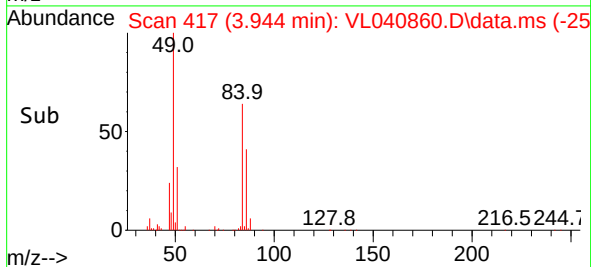
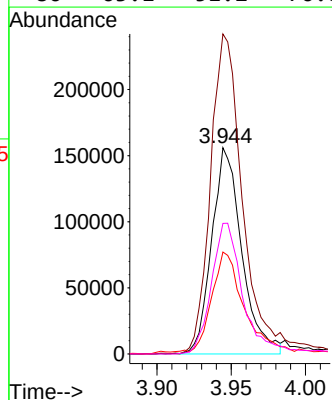
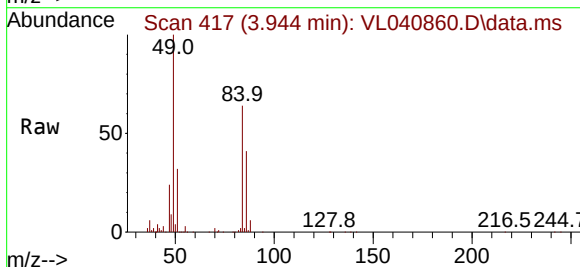
Instrument :  
MSVOA\_L  
ClientSampleId :

Tgt Ion: 45 Resp: 262943  
Ion Ratio Lower Upper  
45 100  
58 2.8 1.6 2.4#

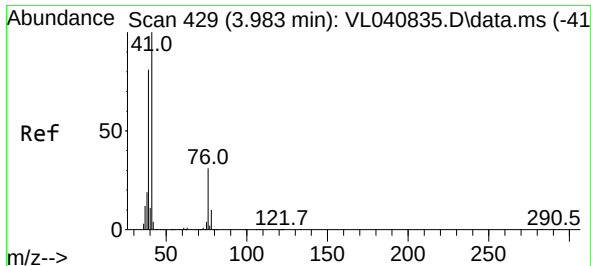


#20  
Methylene Chloride  
Concen: 4.896 ppbv  
RT: 3.944 min Scan# 417  
Delta R.T. 0.026 min  
Lab File: VL040860.D  
Acq: 14 Nov 2023 21:11

Tgt Ion: 84 Resp: 219563  
Ion Ratio Lower Upper  
84 100  
49 154.9 131.0 196.4  
51 48.2 36.9 55.3  
86 63.1 51.2 76.8







#21

Allyl Chloride

Concen: 0.765 ppbv

RT: 3.970 min Scan# 41

Delta R.T. -0.013 min

Lab File: VL040860.D

Acq: 14 Nov 2023 21:11

Instrument :

MSVOA\_L

ClientSampleId :

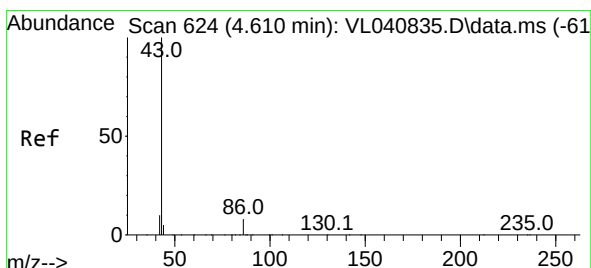
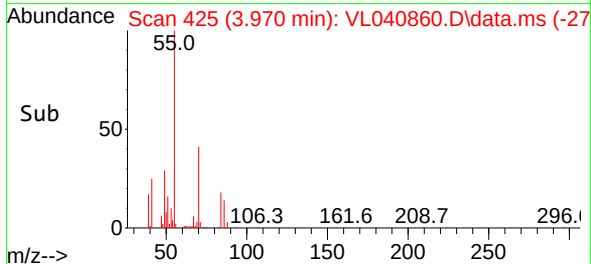
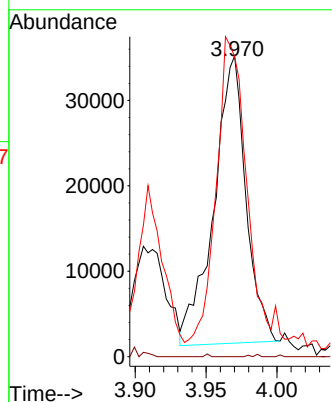
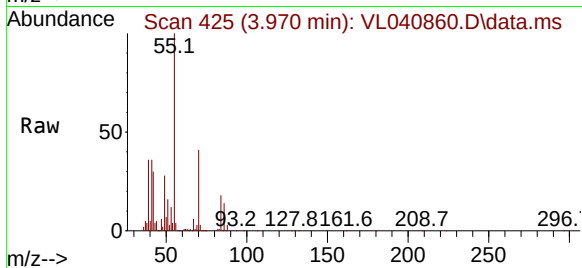
Tgt Ion: 41 Resp: 53177

Ion Ratio Lower Upper

41 100

76 0.2 24.4 36.6#

39 121.8 68.1 102.1#



#23

Vinyl Acetate

Concen: 0.988 ppbv

RT: 4.616 min Scan# 626

Delta R.T. 0.007 min

Lab File: VL040860.D

Acq: 14 Nov 2023 21:11

Tgt Ion: 43 Resp: 138646

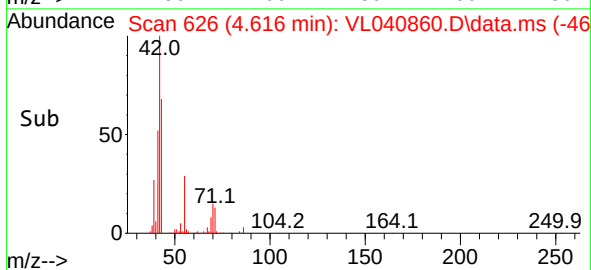
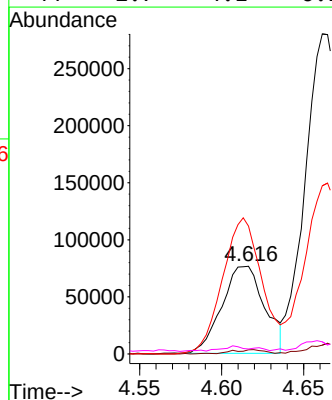
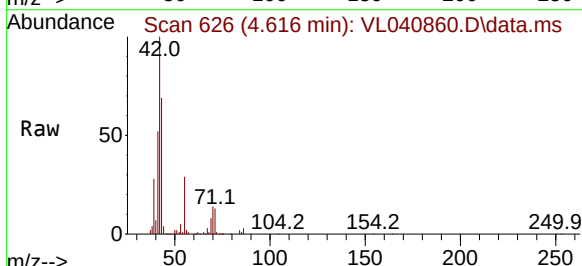
Ion Ratio Lower Upper

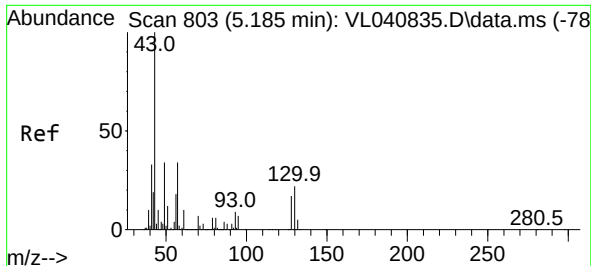
43 100

86 4.8 5.5 8.3#

42 145.9 8.2 12.2#

44 2.7 4.1 6.1#

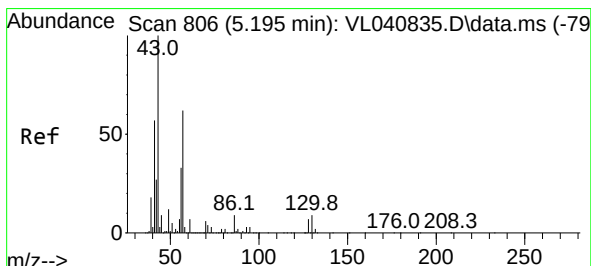
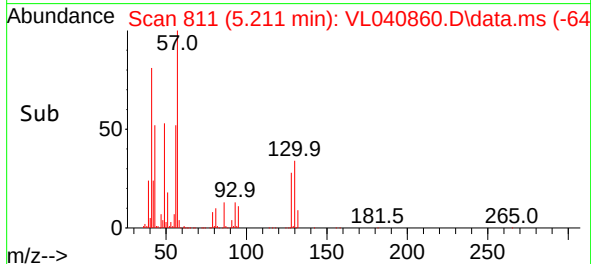
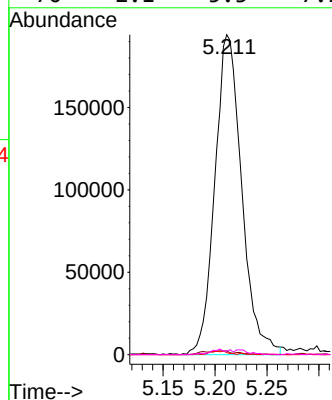
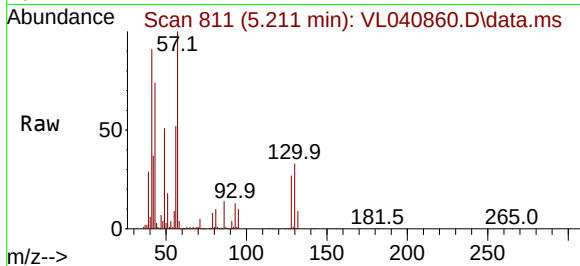




#25  
Ethyl Acetate  
Concen: 1.549 ppbv  
RT: 5.211 min Scan# 811  
Delta R.T. 0.026 min  
Lab File: VL040860.D  
Acq: 14 Nov 2023 21:11

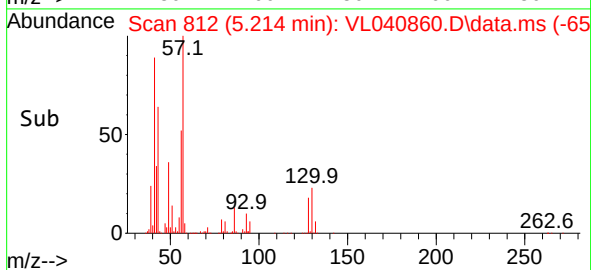
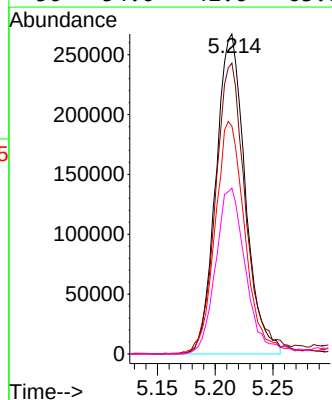
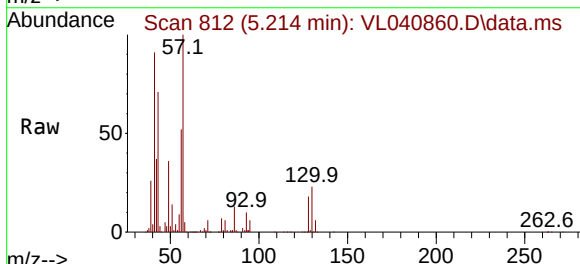
Instrument :  
MSVOA\_L  
ClientSampleId :

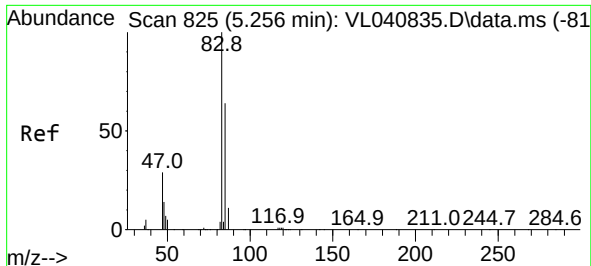
Tgt Ion: 43 Resp: 348582  
Ion Ratio Lower Upper  
43 100  
45 1.5 8.1 12.1#  
61 1.0 7.8 11.6#  
70 2.1 5.3 7.9#



#26  
Hexane  
Concen: 4.733 ppbv  
RT: 5.214 min Scan# 812  
Delta R.T. 0.019 min  
Lab File: VL040860.D  
Acq: 14 Nov 2023 21:11

Tgt Ion: 57 Resp: 471252  
Ion Ratio Lower Upper  
57 100  
41 95.0 75.4 113.0  
43 76.9 185.9 278.9#  
56 54.0 42.6 63.8





#29

Chloroform

Concen: 0.034 ppbv

RT: 5.275 min Scan# 81

Delta R.T. 0.019 min

Lab File: VL040860.D

Acq: 14 Nov 2023 21:11

Instrument :

MSVOA\_L

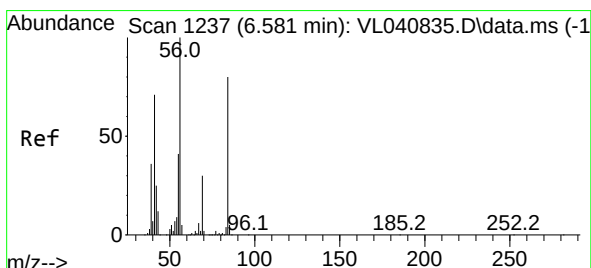
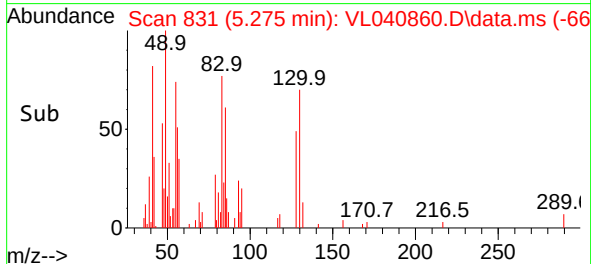
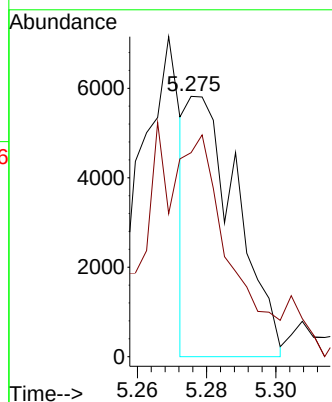
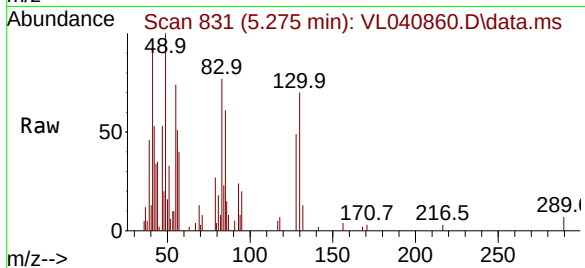
ClientSampleId :

Tgt Ion: 83 Resp: 5794

Ion Ratio Lower Upper

83 100

85 66.9 51.4 77.0



#30

Cyclohexane

Concen: 0.699 ppbv

RT: 6.591 min Scan# 1240

Delta R.T. 0.010 min

Lab File: VL040860.D

Acq: 14 Nov 2023 21:11

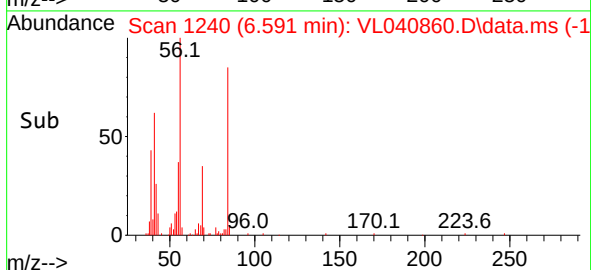
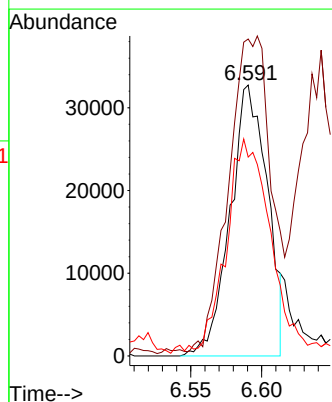
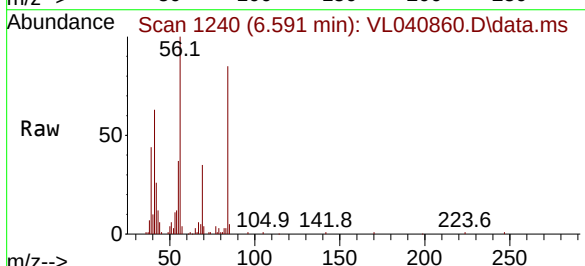
Tgt Ion: 84 Resp: 59838

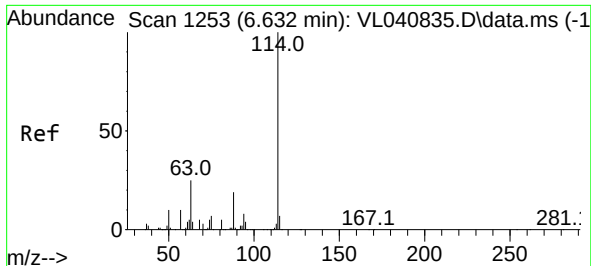
Ion Ratio Lower Upper

84 100

56 134.3 109.3 163.9

41 96.8 71.4 107.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.639 min Scan# 114

Delta R.T. 0.007 min

Lab File: VL040860.D

Acq: 14 Nov 2023 21:11

Instrument :

MSVOA\_L

ClientSampleId :

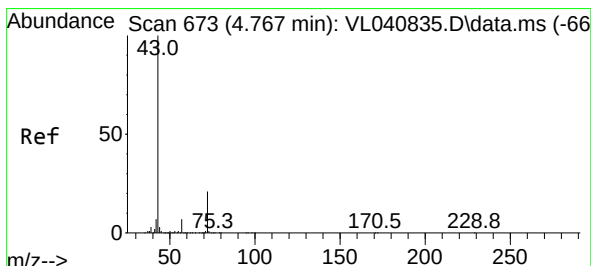
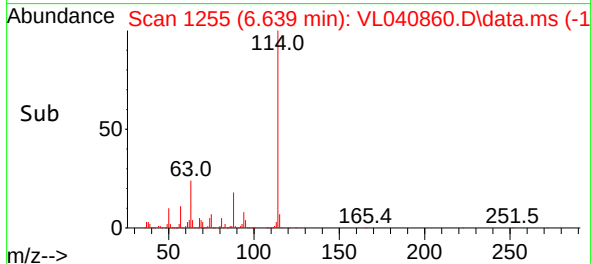
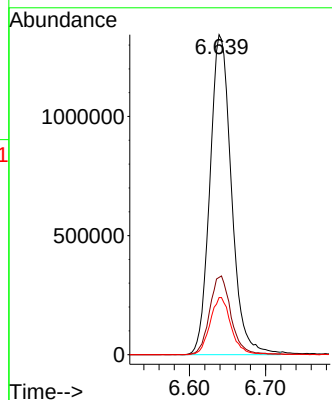
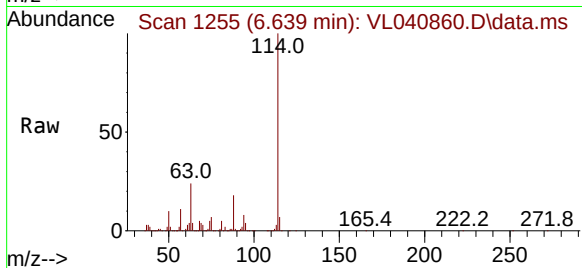
Tgt Ion:114 Resp: 2642849

Ion Ratio Lower Upper

114 100

63 24.7 20.9 31.3

88 17.7 14.3 21.5



#34

2-Butanone

Concen: 0.267 ppbv

RT: 4.787 min Scan# 679

Delta R.T. 0.019 min

Lab File: VL040860.D

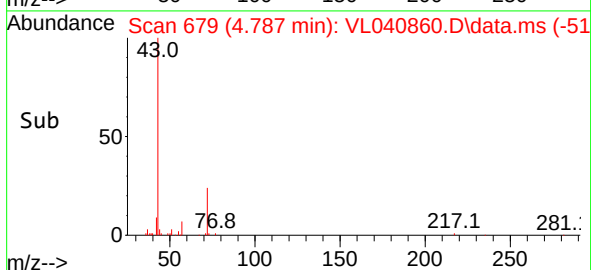
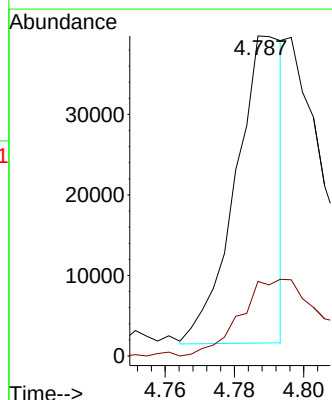
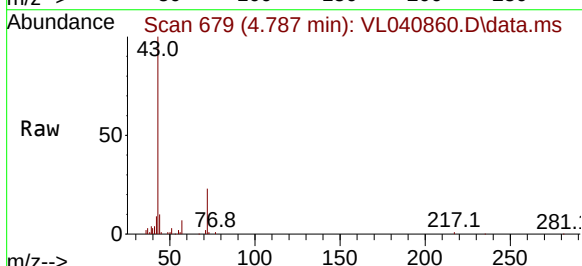
Acq: 14 Nov 2023 21:11

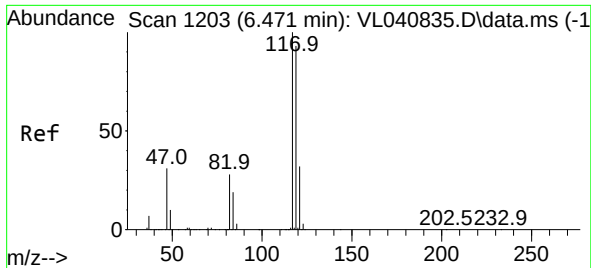
Tgt Ion: 43 Resp: 35988

Ion Ratio Lower Upper

43 100

72 0.0 17.2 25.8#

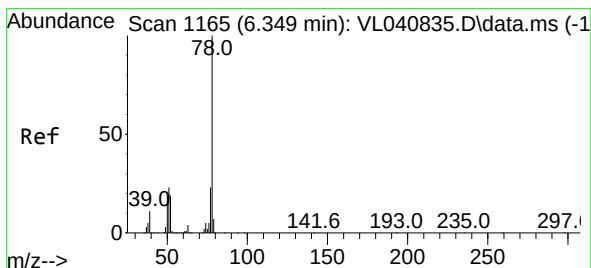
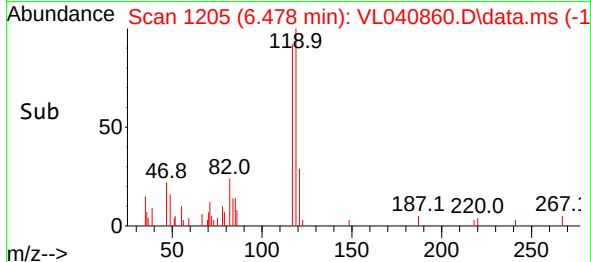
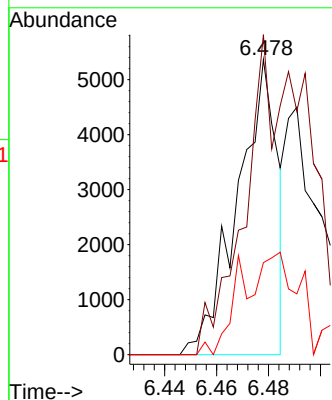
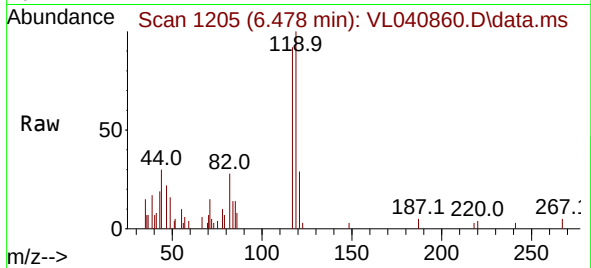




#35  
Carbon Tetrachloride  
Concen: 0.035 ppbv  
RT: 6.478 min Scan# 1169  
Delta R.T. 0.007 min  
Lab File: VL040860.D  
Acq: 14 Nov 2023 21:11

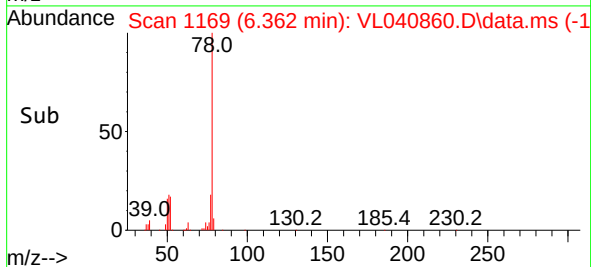
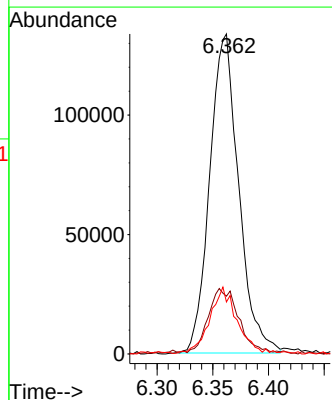
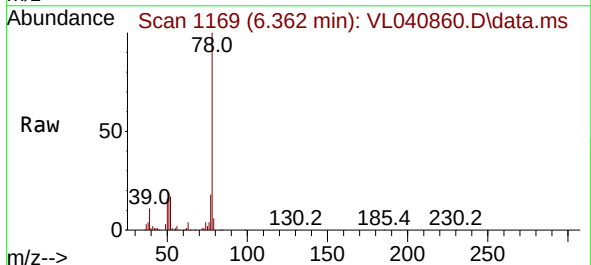
Instrument :  
MSVOA\_L  
ClientSampleId :

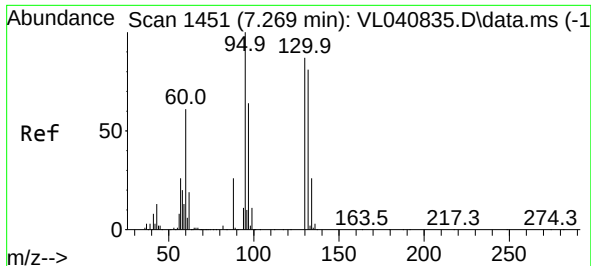
Tgt Ion:117 Resp: 5689  
Ion Ratio Lower Upper  
117 100  
119 108.4 74.7 112.1  
121 31.1 25.5 38.3



#36  
Benzene  
Concen: 1.125 ppbv  
RT: 6.362 min Scan# 1169  
Delta R.T. 0.013 min  
Lab File: VL040860.D  
Acq: 14 Nov 2023 21:11

Tgt Ion: 78 Resp: 241402  
Ion Ratio Lower Upper  
78 100  
77 17.5 18.4 27.6#  
50 15.8 16.2 24.2#



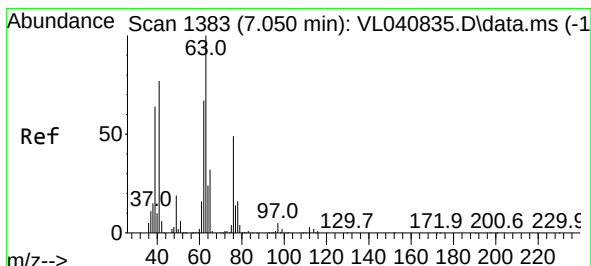
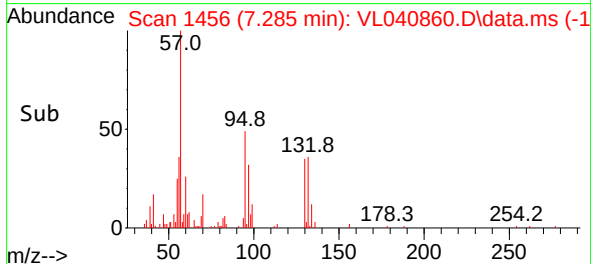
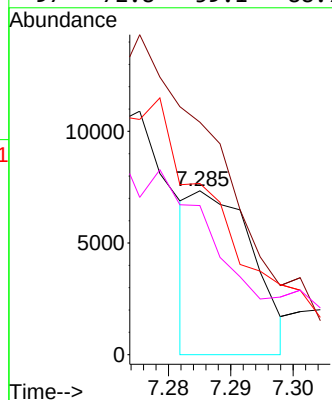
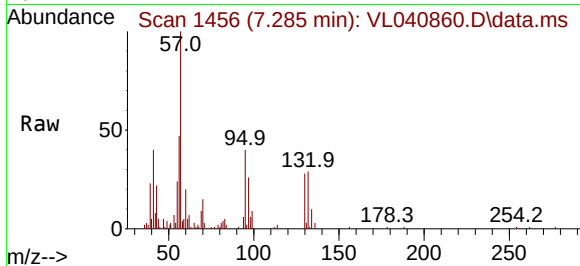


#38  
 Trichloroethene  
 Concen: 0.060 ppbv  
 RT: 7.285 min Scan# 1451  
 Delta R.T. 0.016 min  
 Lab File: VL040860.D  
 Acq: 14 Nov 2023 21:11

Instrument :  
 MSVOA\_L  
 ClientSampleId :

Tgt Ion:130 Resp: 5009

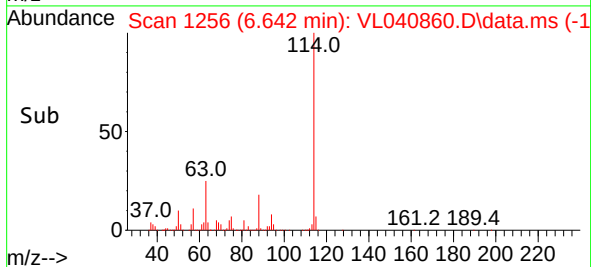
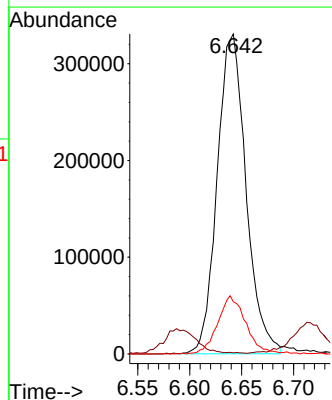
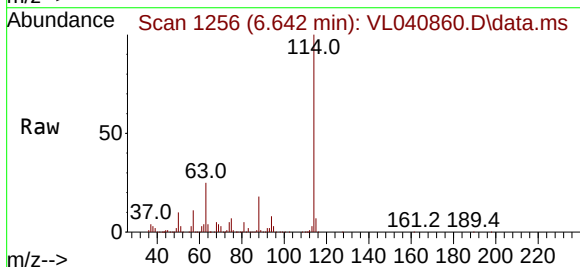
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 130 | 100   |       |       |
| 95  | 130.0 | 92.4  | 138.6 |
| 132 | 80.4  | 75.1  | 112.7 |
| 97  | 72.8  | 59.1  | 88.7  |

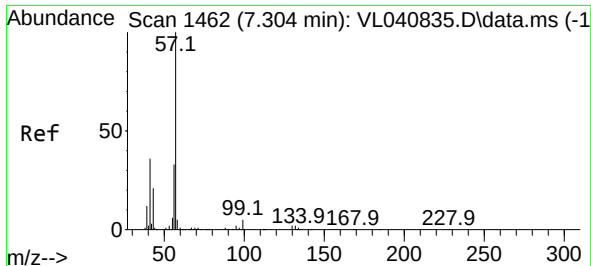


#39  
 1,2-Dichloropropane  
 Concen: 7.498 ppbv  
 RT: 6.642 min Scan# 1256  
 Delta R.T. -0.408 min  
 Lab File: VL040860.D  
 Acq: 14 Nov 2023 21:11

Tgt Ion: 63 Resp: 637636

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 41  | 0.0   | 61.5  | 92.3# |
| 62  | 16.3  | 53.9  | 80.9# |





#44

2,2,4-Trimethylpentane

Concen: 0.723 ppbv

RT: 7.311 min Scan# 1464

Delta R.T. 0.007 min

Lab File: VL040860.D

Acq: 14 Nov 2023 21:11

Instrument :

MSVOA\_L

ClientSampleId :

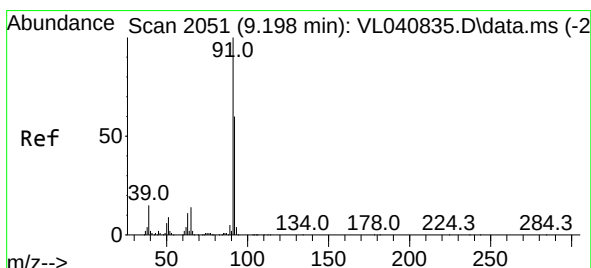
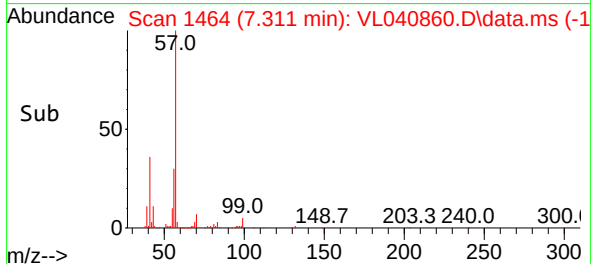
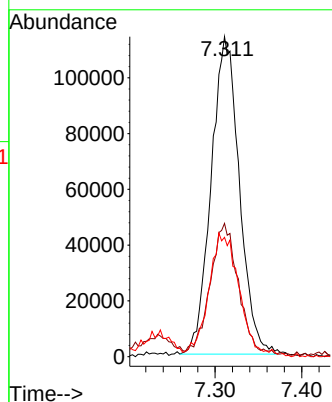
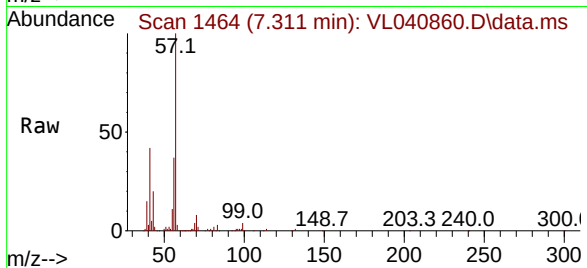
Tgt Ion: 57 Resp: 257578

Ion Ratio Lower Upper

57 100

41 41.5 29.0 43.6

56 42.4 25.2 37.8#



#53

Toluene

Concen: 2.364 ppbv

RT: 9.198 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VL040860.D

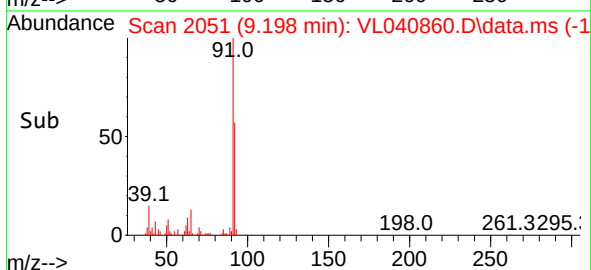
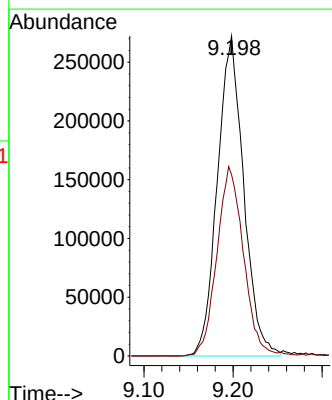
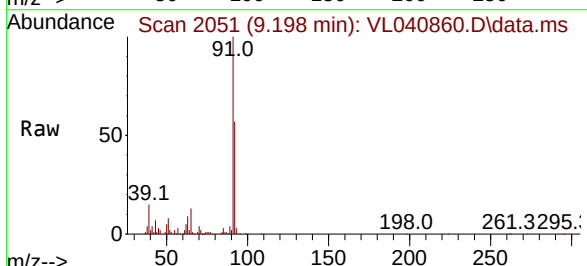
Acq: 14 Nov 2023 21:11

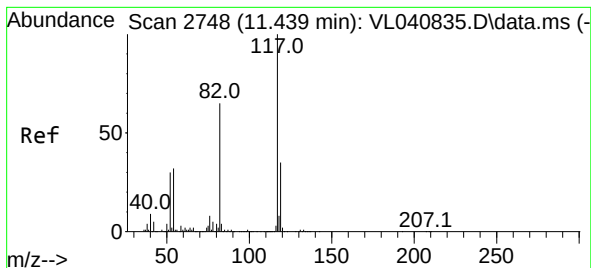
Tgt Ion: 91 Resp: 557897

Ion Ratio Lower Upper

91 100

92 60.5 49.4 74.2

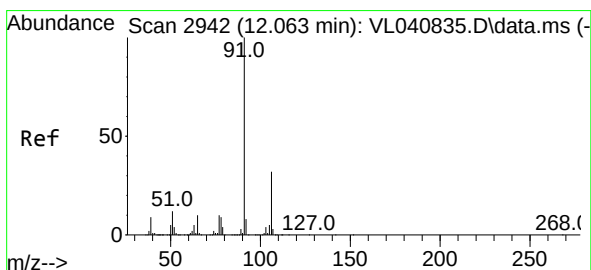
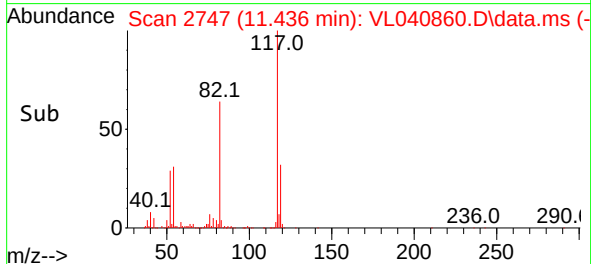
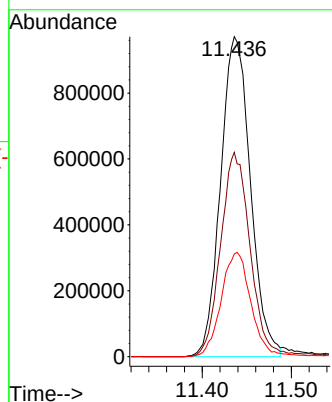
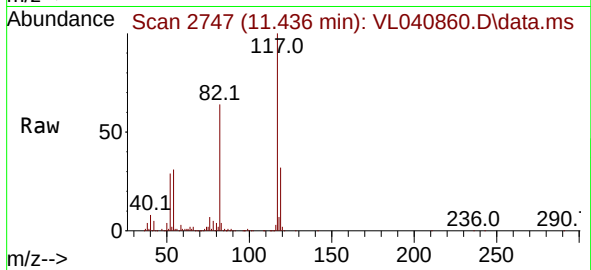




#55  
Chlorobenzene-d5  
Concen: 10.000 ppbv  
RT: 11.436 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VL040860.D  
Acq: 14 Nov 2023 21:11

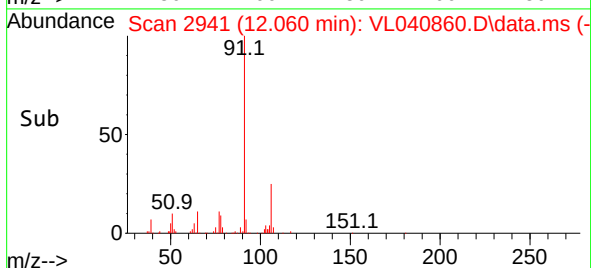
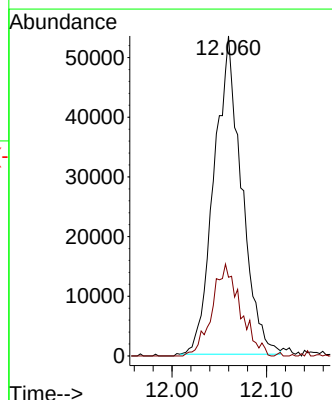
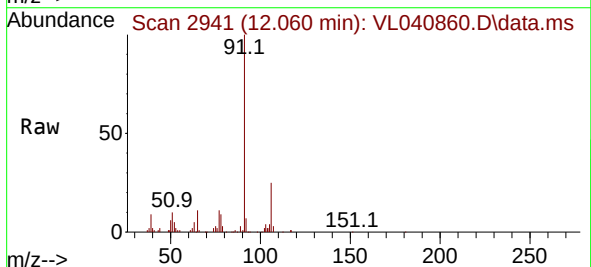
Instrument :  
MSVOA\_L  
ClientSampleId :

Tgt Ion:117 Resp: 2259130  
Ion Ratio Lower Upper  
117 100  
82 64.4 50.6 75.8  
119 32.9 23.3 34.9

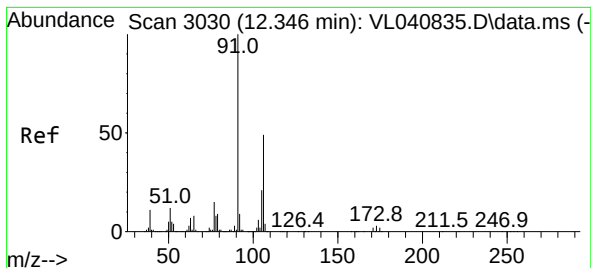


#58  
Ethyl Benzene  
Concen: 0.367 ppbv  
RT: 12.060 min Scan# 2941  
Delta R.T. -0.003 min  
Lab File: VL040860.D  
Acq: 14 Nov 2023 21:11

Tgt Ion: 91 Resp: 108098  
Ion Ratio Lower Upper  
91 100  
106 24.8 25.2 37.8#







#59

m/p-Xylene

Concen: 0.313 ppbv

RT: 12.340 min Scan# 3030

Delta R.T. -0.006 min

Lab File: VL040860.D

Acq: 14 Nov 2023 21:11

Instrument :

MSVOA\_L

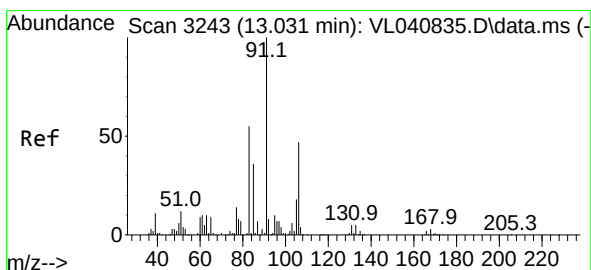
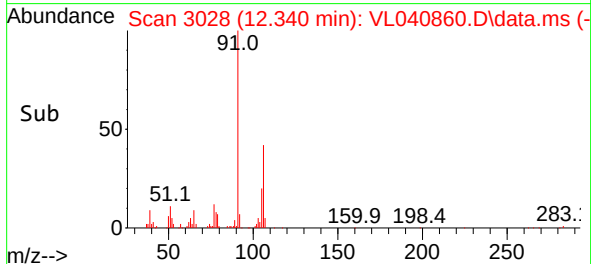
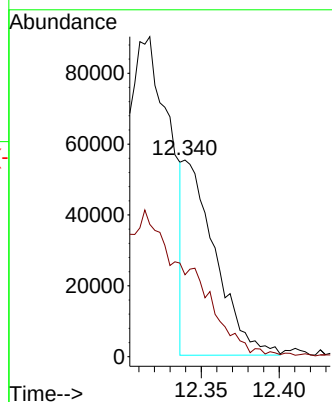
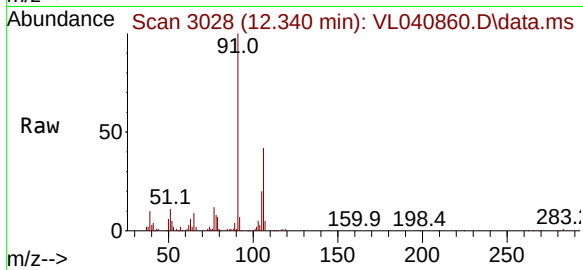
ClientSampleId :

Tgt Ion: 91 Resp: 78639

Ion Ratio Lower Upper

91 100

106 0.0 35.4 53.0#



#60

o-Xylene

Concen: 0.421 ppbv

RT: 13.031 min Scan# 3243

Delta R.T. 0.000 min

Lab File: VL040860.D

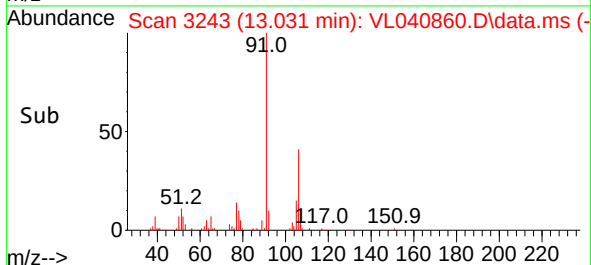
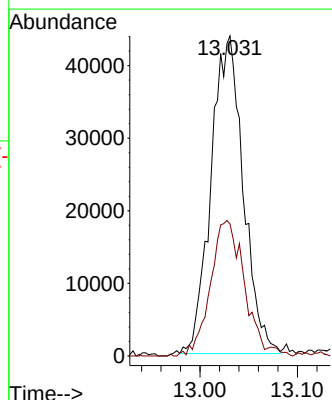
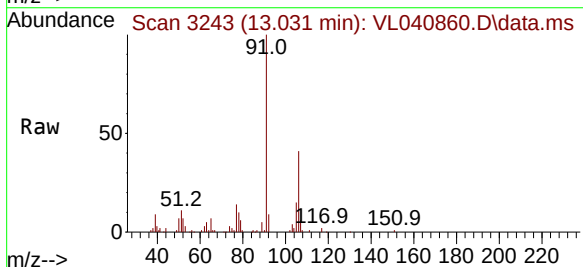
Acq: 14 Nov 2023 21:11

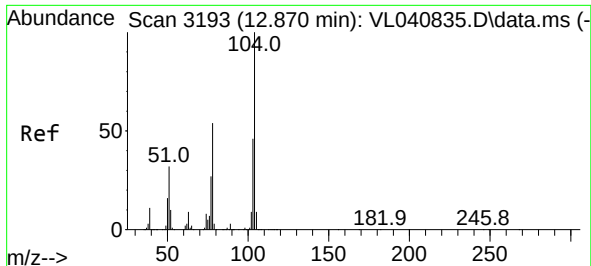
Tgt Ion: 91 Resp: 100509

Ion Ratio Lower Upper

91 100

106 45.1 22.9 68.5

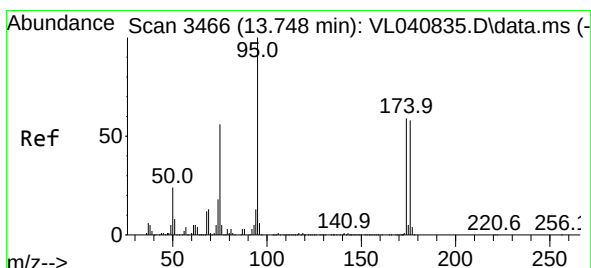
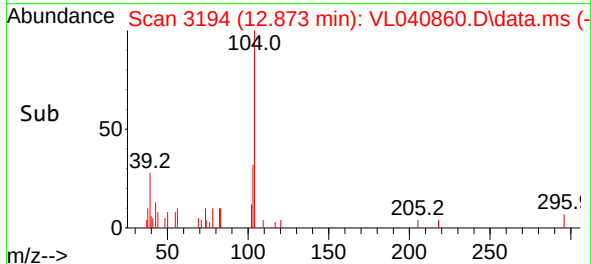
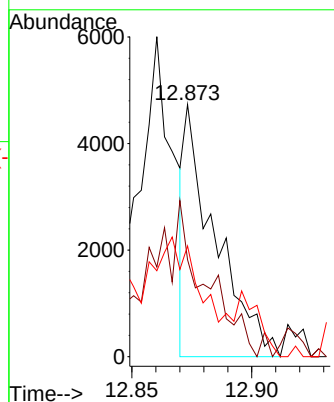
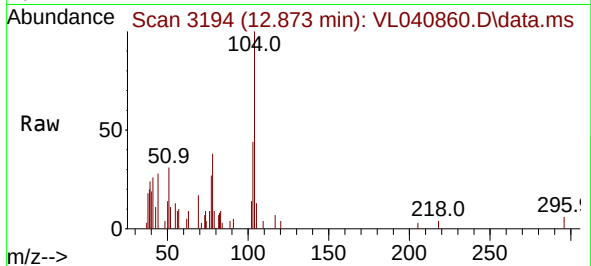




#61  
Styrene  
Concen: 0.036 ppbv  
RT: 12.873 min Scan# 3193  
Delta R.T. 0.003 min  
Lab File: VL040860.D  
Acq: 14 Nov 2023 21:11

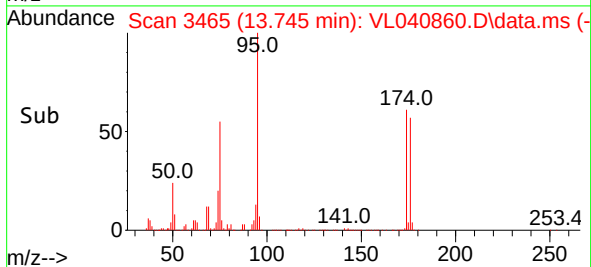
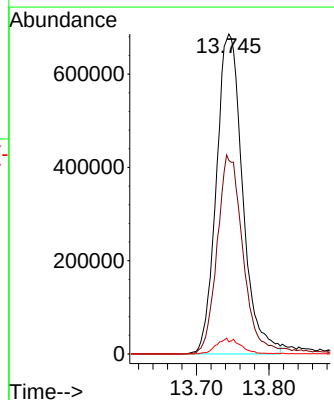
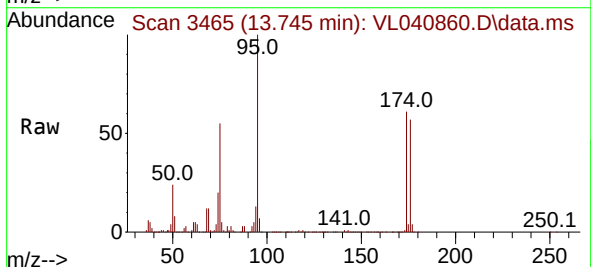
Instrument :  
MSVOA\_L  
ClientSampleId :

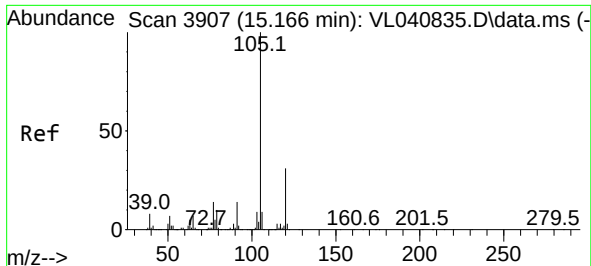
Tgt Ion:104 Resp: 4190  
Ion Ratio Lower Upper  
104 100  
78 125.1 43.3 64.9#  
103 120.3 37.6 56.4#



#68  
1-Bromo-4-Fluorobenzene  
Concen: 9.760 ppbv  
RT: 13.745 min Scan# 3465  
Delta R.T. -0.003 min  
Lab File: VL040860.D  
Acq: 14 Nov 2023 21:11

Tgt Ion: 95 Resp: 1726296  
Ion Ratio Lower Upper  
95 100  
174 62.9 47.5 71.3  
175 4.6 3.6 5.4

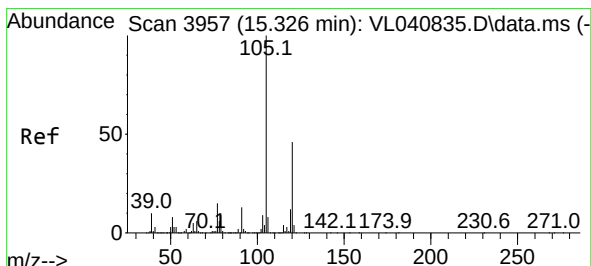
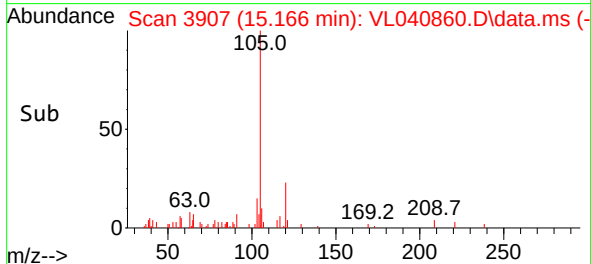
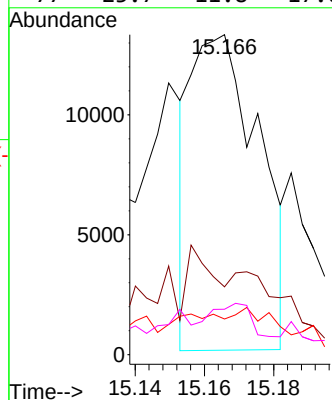
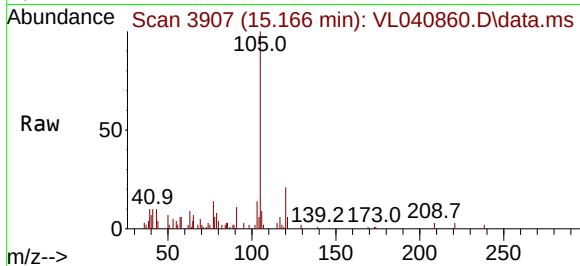




#72  
4-Ethyltoluene  
Concen: 0.069 ppbv  
RT: 15.166 min Scan# 3907  
Delta R.T. 0.000 min  
Lab File: VL040860.D  
Acq: 14 Nov 2023 21:11

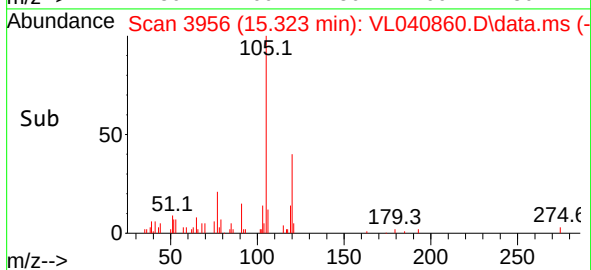
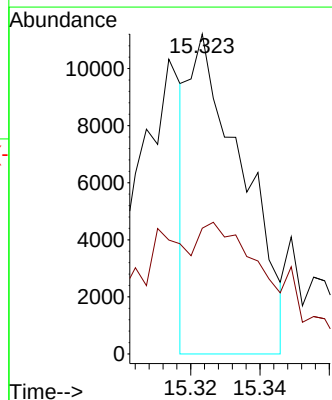
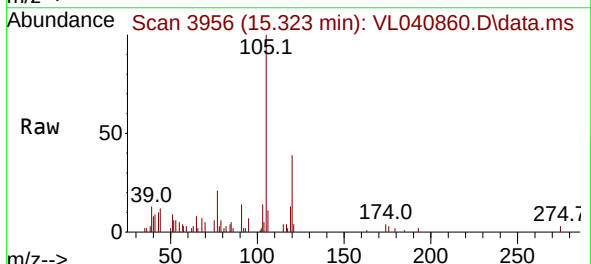
Instrument :  
MSVOA\_L  
ClientSampleId :

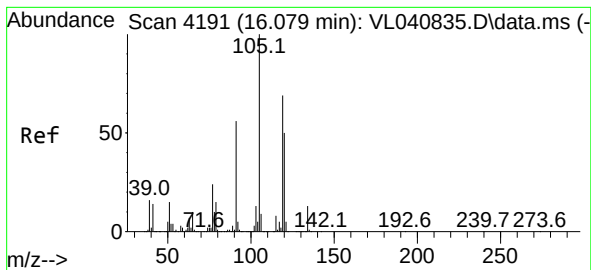
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 18036 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 120       | 0.0   | 24.5  | 36.7# |
| 91        | 28.4  | 10.6  | 16.0# |
| 77        | 23.7  | 11.8  | 17.6# |



#73  
1,3,5-Trimethylbenzene  
Concen: 0.052 ppbv  
RT: 15.323 min Scan# 3956  
Delta R.T. -0.003 min  
Lab File: VL040860.D  
Acq: 14 Nov 2023 21:11

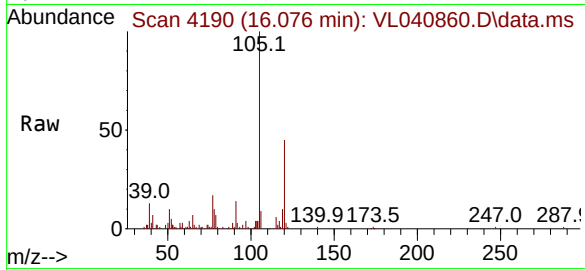
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 12120 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 120       | 31.8  | 36.8  | 55.2# |





#74  
 1,2,4-Trimethylbenzene  
 Concen: 0.219 ppbv  
 RT: 16.076 min Scan# 41  
 Delta R.T. -0.003 min  
 Lab File: VL040860.D  
 Acq: 14 Nov 2023 21:11

Instrument :  
 MSVOA\_L  
 ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 56806 |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 120      | 44.3  | 40.2  | 60.2  |
| 91       | 14.4  | 45.7  | 68.5# |
| 77       | 15.4  | 19.2  | 28.8# |

