

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL092723\  
 Data File : VL040727.D  
 Acq On : 27 Sep 2023 14:49  
 Operator : SY/MD  
 Sample : 04616-02 2X  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SSG1

Quant Time: Sep 28 01:44:30 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL091423AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 26 06:05:16 2022  
 QLast Update : Tue Sep 19 05:12:43 2023  
 Response via : Initial Calibration

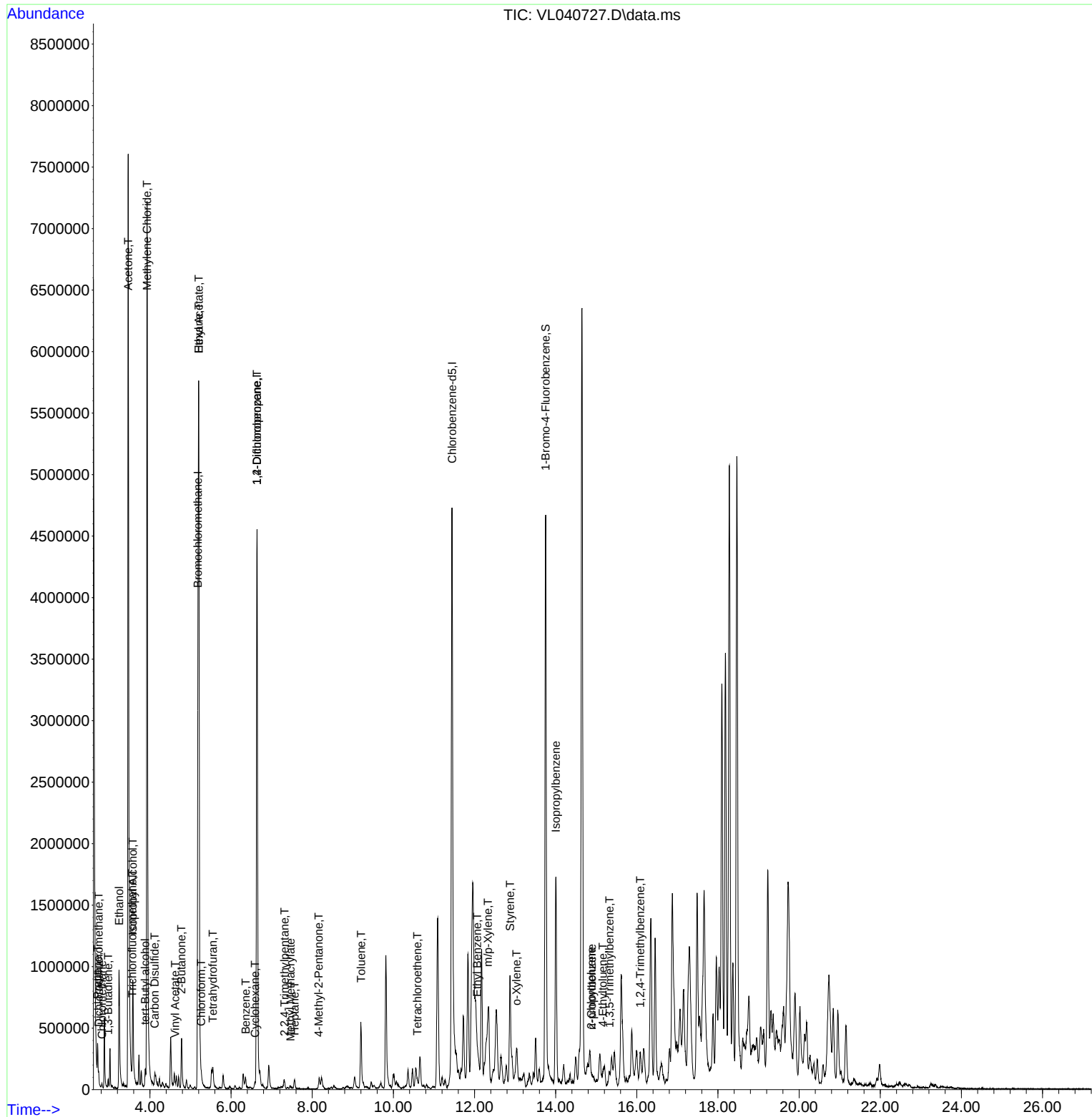
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 5.182  | 49    | 1322505  | 10.000   | ppbv   | -0.02    |
| 33) 1,4-Difluorobenzene     | 6.639  | 114   | 3588270  | 10.000   | ppbv   | -0.02    |
| 55) Chlorobenzene-d5        | 11.446 | 117   | 3119920  | 10.000   | ppbv   | -0.03    |
|                             |        |       |          |          |        |          |
| System Monitoring Compounds |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene | 13.754 | 95    | 2348453  | 9.743    | ppbv   | -0.03    |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =      | 97.400%  |
|                             |        |       |          |          |        |          |
| Target Compounds            |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane  | 2.735  | 85    | 57082    | 0.196    | ppbv   | 94       |
| 4) Chloromethane            | 2.819  | 50    | 22097    | 0.268    | ppbv   | 95       |
| 9) Propene                  | 2.710  | 41    | 71237    | 1.148    | ppbv # | 78       |
| 10) Heptane                 | 7.565  | 43    | 18819    | 0.135    | ppbv # | 39       |
| 11) Trichlorofluoromethane  | 3.565  | 101   | 28043    | 0.109    | ppbv   | 89       |
| 13) Ethanol                 | 3.240  | 45    | 979804   | 53.333   | ppbv   | 96       |
| 15) Acetone                 | 3.465  | 43    | 7646927  | 43.836   | ppbv   | 92       |
| 16) 1,3-Butadiene           | 2.970  | 39    | 14522    | 0.191    | ppbv # | 47       |
| 17) tert-Butyl alcohol      | 3.883  | 59    | 117393   | 0.657    | ppbv   | 95       |
| 19) Isopropyl Alcohol       | 3.578  | 45    | 852978   | 8.115    | ppbv # | 93       |
| 20) Methylene Chloride      | 3.931  | 84    | 2510885  | 26.743   | ppbv   | 99       |
| 23) Vinyl Acetate           | 4.623  | 43    | 5840     | 0.032    | ppbv # | 78       |
| 25) Ethyl Acetate           | 5.205  | 43    | 1479282  | 5.258    | ppbv # | 77       |
| 26) Hexane                  | 5.205  | 57    | 2199049  | 16.530   | ppbv # | 36       |
| 27) Carbon Disulfide        | 4.121  | 76    | 104649   | 0.564    | ppbv # | 92       |
| 29) Chloroform              | 5.266  | 83    | 11761    | 0.051    | ppbv   | 98       |
| 30) Cyclohexane             | 6.590  | 84    | 14230    | 0.142    | ppbv # | 78       |
| 34) 2-Butanone              | 4.777  | 43    | 469380   | 2.601    | ppbv   | 97       |
| 36) Benzene                 | 6.362  | 78    | 26844    | 0.101    | ppbv # | 84       |
| 39) 1,2-Dichloropropane     | 6.639  | 63    | 831300   | 8.128    | ppbv # | 24       |
| 41) Tetrahydrofuran         | 5.552  | 42    | 73292    | 0.792    | ppbv   | 93       |
| 43) Methyl Methacrylate     | 7.465  | 69    | 8688     | 0.088    | ppbv # | 79       |
| 44) 2,2,4-Trimethylpentane  | 7.317  | 57    | 23525    | 0.056    | ppbv # | 41       |
| 50) 4-Methyl-2-Pentanone    | 8.163  | 43    | 22826    | 0.094    | ppbv # | 39       |
| 52) Tetrachloroethene       | 10.590 | 164   | 2715     | 0.031    | ppbv # | 13       |
| 53) Toluene                 | 9.205  | 91    | 402385   | 1.434    | ppbv   | 100      |
| 58) Ethyl Benzene           | 12.063 | 91    | 141295   | 0.397    | ppbv   | 93       |
| 59) m/p-Xylene              | 12.330 | 91    | 231674   | 0.694    | ppbv # | 32       |
| 60) o-Xylene                | 13.034 | 91    | 84964    | 0.267    | ppbv # | 64       |
| 61) Styrene                 | 12.876 | 104   | 540797   | 4.051    | ppbv   | 96       |
| 62) Isopropylbenzene        | 14.005 | 105   | 1563679  | 3.251    | ppbv   | 99       |
| 64) n-propylbenzene         | 14.889 | 120   | 6000     | 0.050    | ppbv # | 1        |
| 71) 2-Chlorotoluene         | 14.883 | 91    | 17881    | 0.050    | ppbv # | 54       |
| 72) 4-Ethyltoluene          | 15.163 | 105   | 20985    | 0.059    | ppbv # | 34       |
| 73) 1,3,5-Trimethylbenzene  | 15.326 | 105   | 19341    | 0.060    | ppbv   | 89       |
| 74) 1,2,4-Trimethylbenzene  | 16.082 | 105   | 76959    | 0.196    | ppbv # | 61       |
| -----                       |        |       |          |          |        |          |

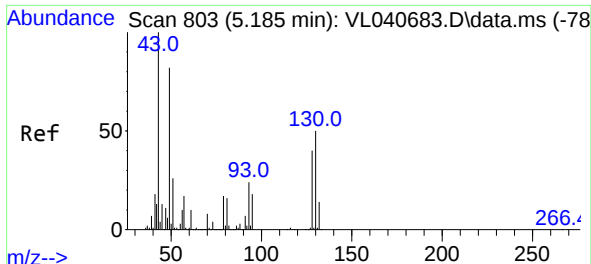
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL092723\  
Data File : VL040727.D  
Acq On : 27 Sep 2023 14:49  
Operator : SY/MD  
Sample : 04616-02 2X  
Misc : 400mL/MSVOA\_L  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_L  
ClientSampleId :  
SSG1

Quant Time: Sep 28 01:44:30 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL091423AIR.M  
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 26 06:05:16 2022  
QLast Update : Tue Sep 19 05:12:43 2023  
Response via : Initial Calibration

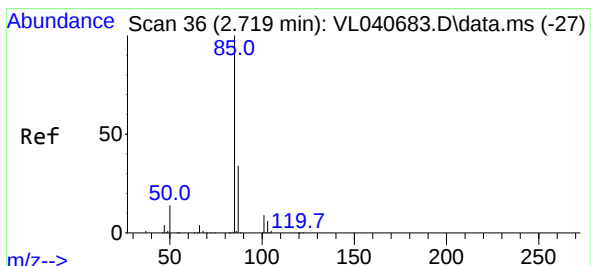
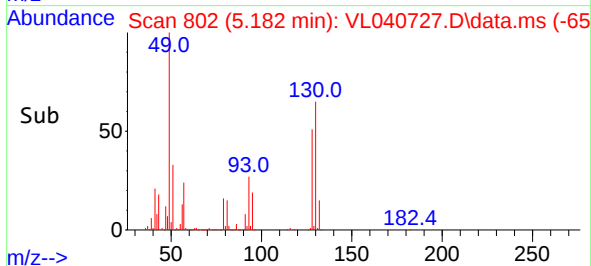
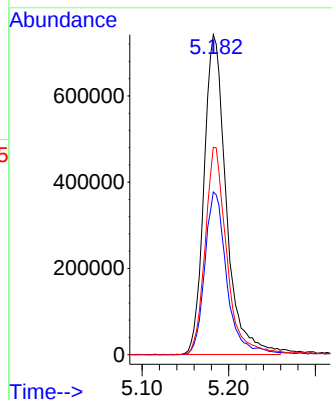
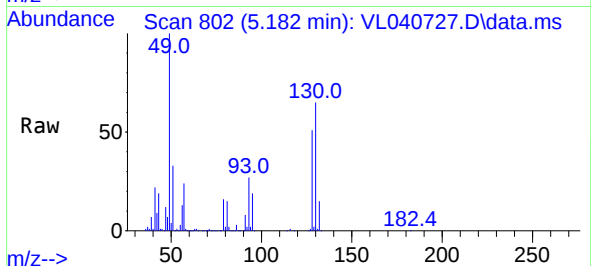




#1  
Bromochloromethane  
Concen: 10.000 ppbv  
RT: 5.182 min Scan# 80  
Delta R.T. -0.016 min  
Lab File: VL040727.D  
Acq: 27 Sep 2023 14:49

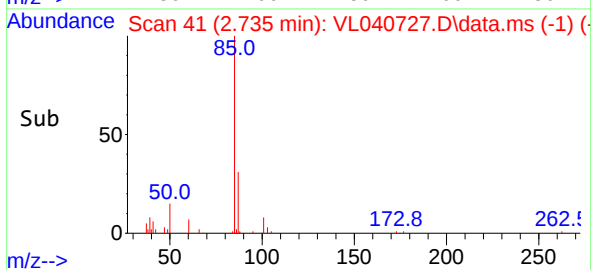
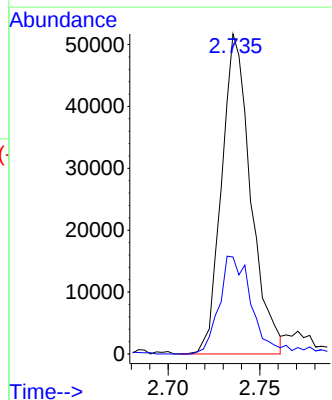
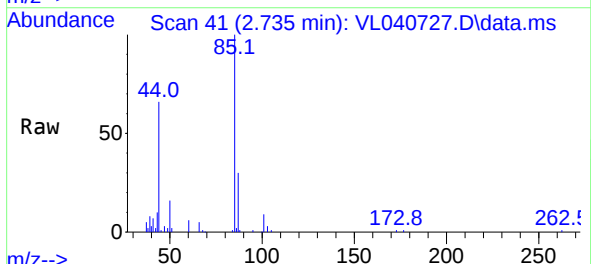
Instrument :  
MSVOA\_L  
ClientSampleId :  
SSG1

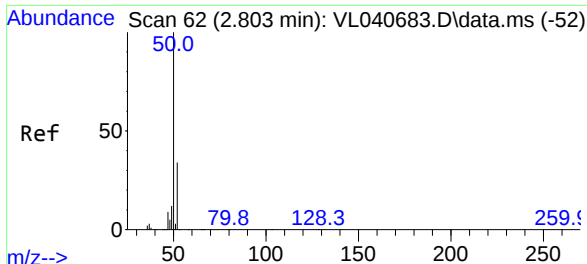
Tgt Ion: 49 Resp: 1322505  
Ion Ratio Lower Upper  
49 100  
128 51.2 25.4 76.0  
130 64.5 32.3 96.8



#2  
Dichlorodifluoromethane  
Concen: 0.196 ppbv  
RT: 2.735 min Scan# 41  
Delta R.T. 0.003 min  
Lab File: VL040727.D  
Acq: 27 Sep 2023 14:49

Tgt Ion: 85 Resp: 57082  
Ion Ratio Lower Upper  
85 100  
87 30.3 27.2 40.8

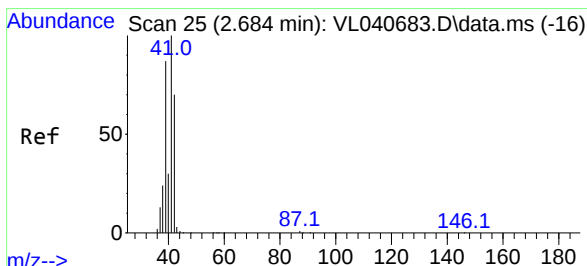
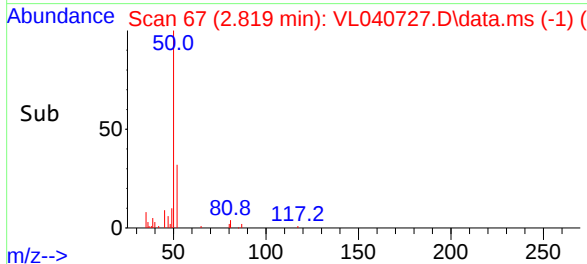
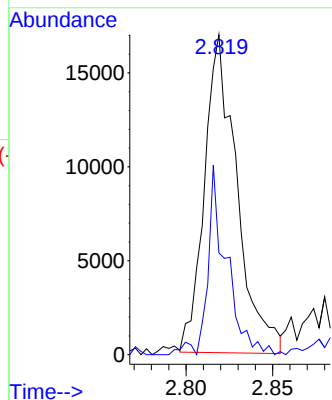
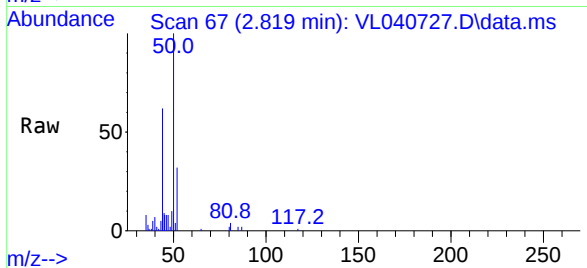




#4  
Chloromethane  
Concen: 0.268 ppbv  
RT: 2.819 min Scan# 61  
Delta R.T. 0.003 min  
Lab File: VL040727.D  
Acq: 27 Sep 2023 14:49

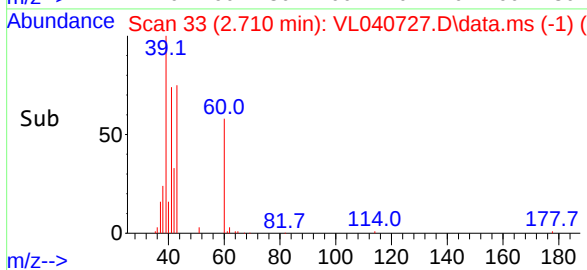
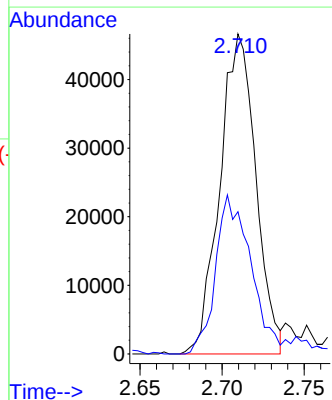
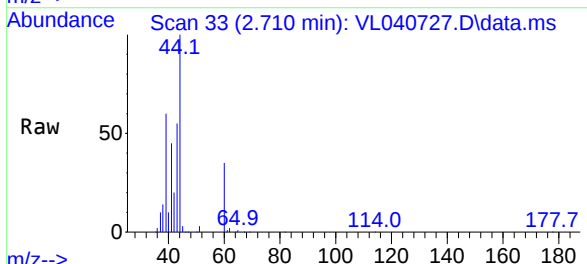
Instrument :  
MSVOA\_L  
ClientSampleId :  
SSG1

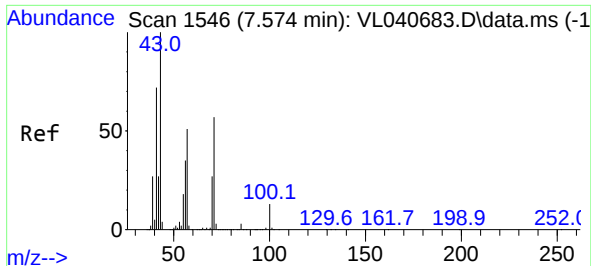
Tgt Ion: 50 Resp: 22097  
Ion Ratio Lower Upper  
50 100  
52 31.3 27.1 40.7



#9  
Propene  
Concen: 1.148 ppbv  
RT: 2.710 min Scan# 33  
Delta R.T. 0.013 min  
Lab File: VL040727.D  
Acq: 27 Sep 2023 14:49

Tgt Ion: 41 Resp: 71237  
Ion Ratio Lower Upper  
41 100  
42 52.9 56.7 85.1#





#10

Heptane

Concen: 0.135 ppbv

RT: 7.565 min Scan# 1

Delta R.T. -0.022 min

Lab File: VL040727.D

Acq: 27 Sep 2023 14:49

Instrument :

MSVOA\_L

ClientSampleId :

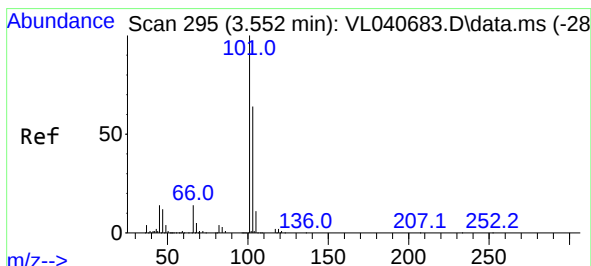
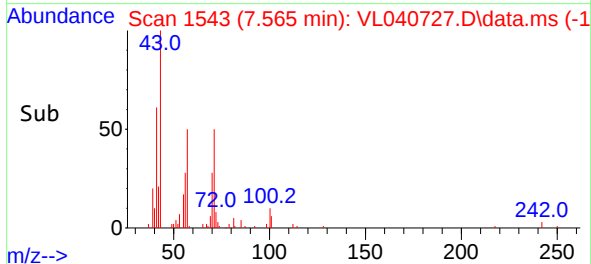
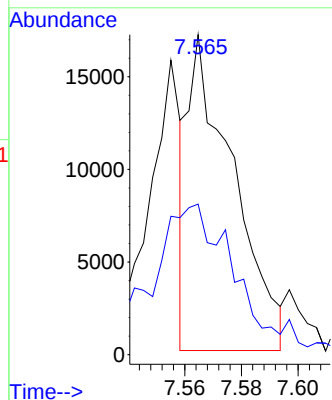
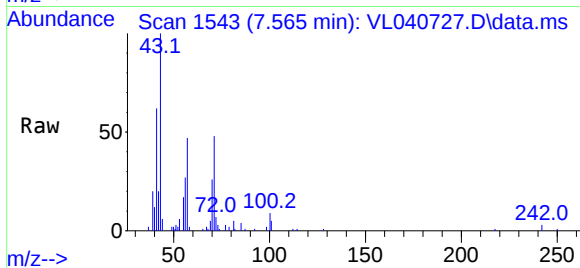
SSG1

Tgt Ion: 43 Resp: 18819

Ion Ratio Lower Upper

43 100

57 95.3 41.8 62.6#



#11

Trichlorofluoromethane

Concen: 0.109 ppbv

RT: 3.565 min Scan# 299

Delta R.T. -0.003 min

Lab File: VL040727.D

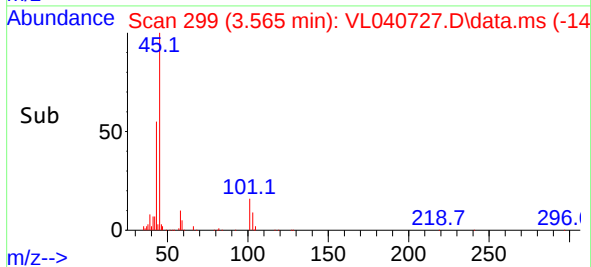
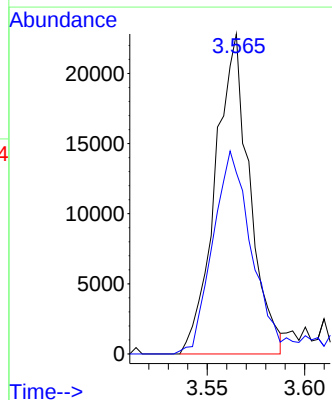
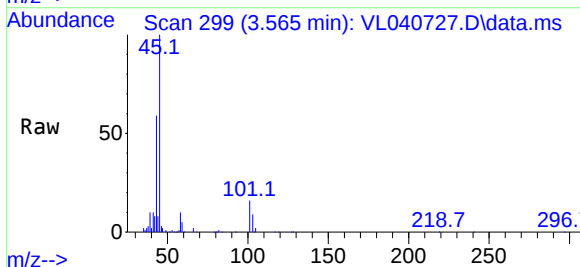
Acq: 27 Sep 2023 14:49

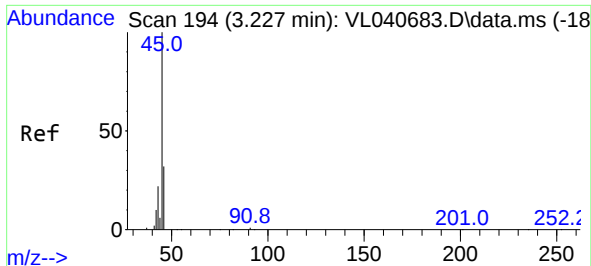
Tgt Ion:101 Resp: 28043

Ion Ratio Lower Upper

101 100

103 55.7 51.3 76.9

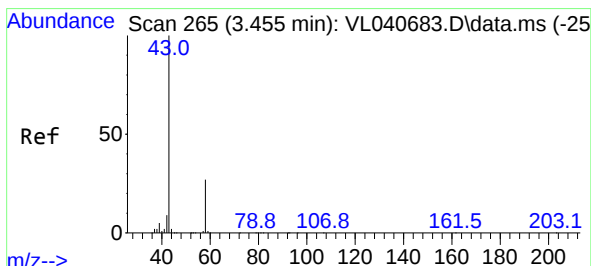
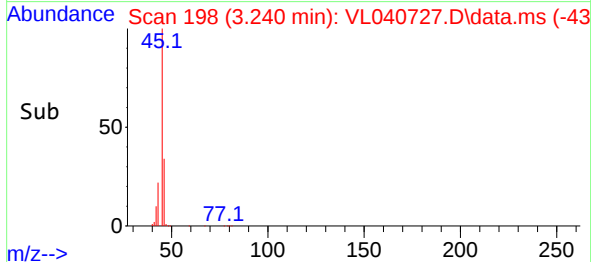
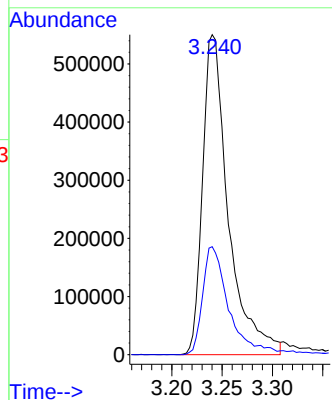
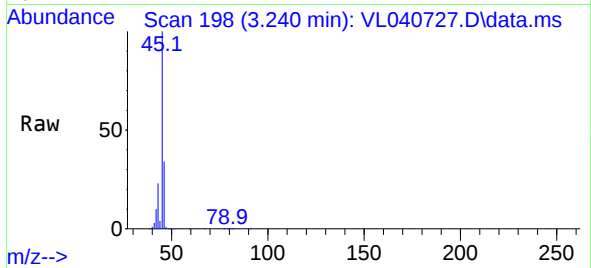




#13  
Ethanol  
Concen: 53.333 ppbv  
RT: 3.240 min Scan# 194  
Delta R.T. -0.003 min  
Lab File: VL040727.D  
Acq: 27 Sep 2023 14:49

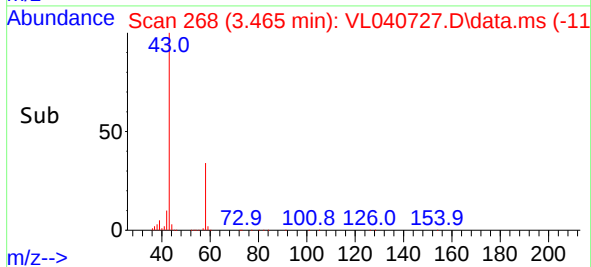
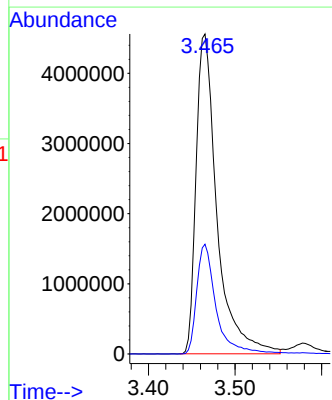
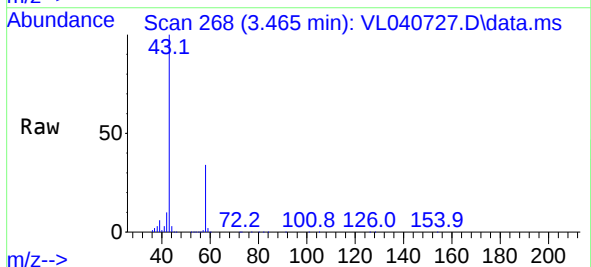
Instrument :  
MSVOA\_L  
ClientSampleId :  
SSG1

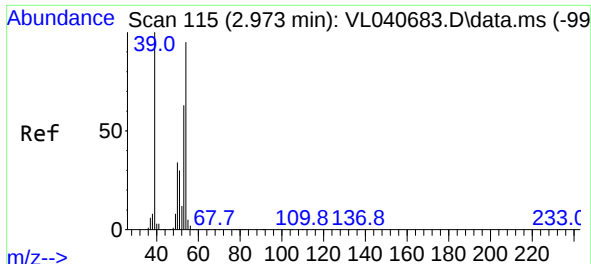
Tgt Ion: 45 Resp: 979804  
Ion Ratio Lower Upper  
45 100  
46 35.4 15.2 61.0



#15  
Acetone  
Concen: 43.836 ppbv  
RT: 3.465 min Scan# 268  
Delta R.T. -0.006 min  
Lab File: VL040727.D  
Acq: 27 Sep 2023 14:49

Tgt Ion: 43 Resp: 7646927  
Ion Ratio Lower Upper  
43 100  
58 32.5 22.6 34.0





#16

1,3-Butadiene

Concen: 0.191 ppbv

RT: 2.970 min Scan# 115

Delta R.T. -0.019 min

Lab File: VL040727.D

Acq: 27 Sep 2023 14:49

Instrument :

MSVOA\_L

ClientSampleId :

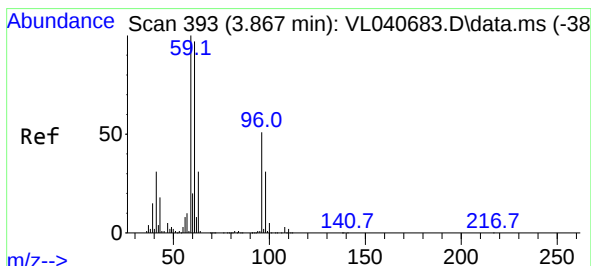
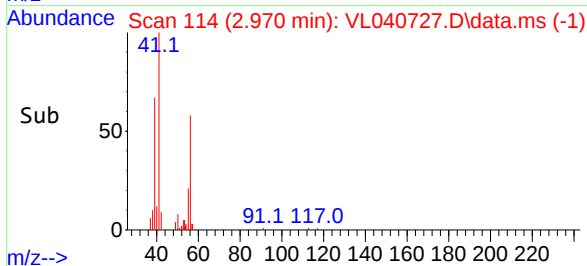
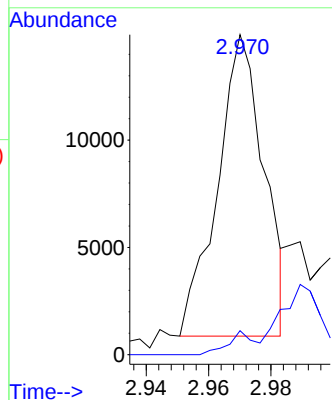
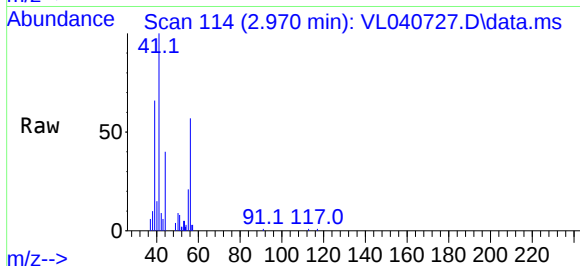
SSG1

Tgt Ion: 39 Resp: 14522

Ion Ratio Lower Upper

39 100

54 33.9 64.8 97.2#



#17

tert-Butyl alcohol

Concen: 0.657 ppbv

RT: 3.883 min Scan# 398

Delta R.T. 0.000 min

Lab File: VL040727.D

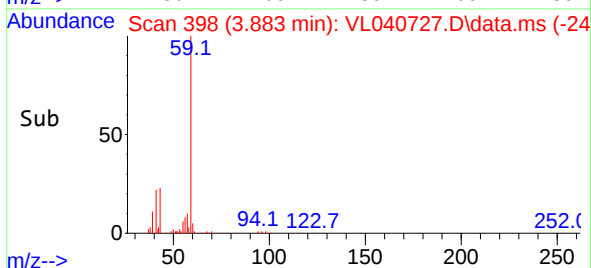
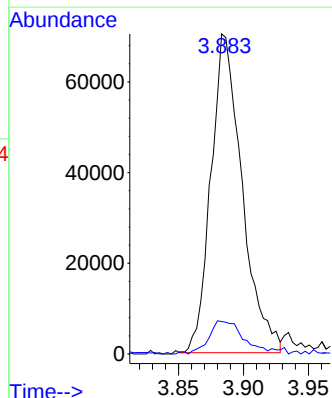
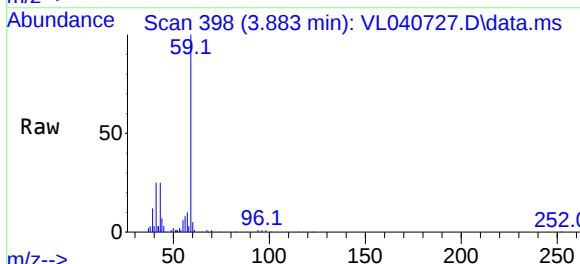
Acq: 27 Sep 2023 14:49

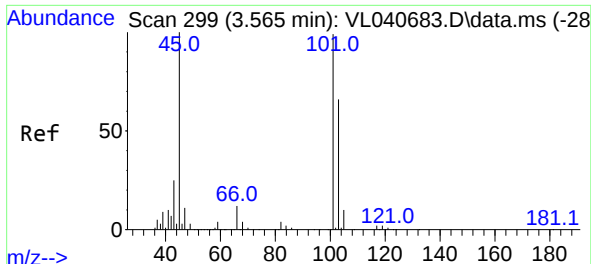
Tgt Ion: 59 Resp: 117393

Ion Ratio Lower Upper

59 100

57 12.6 8.7 13.1

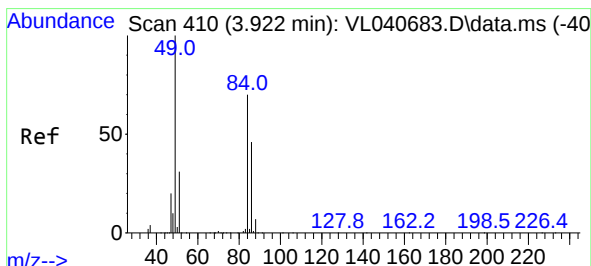
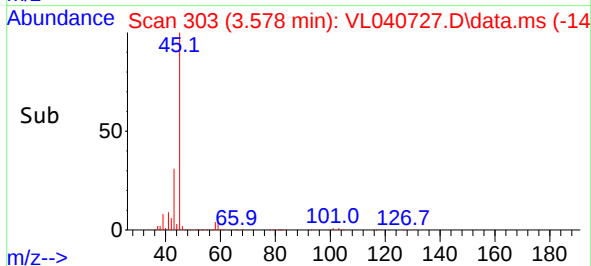
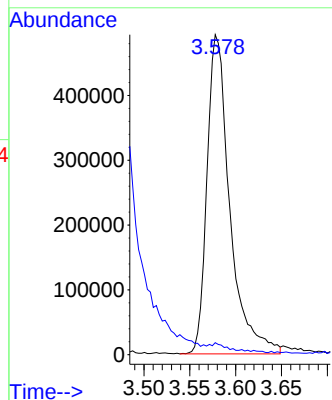
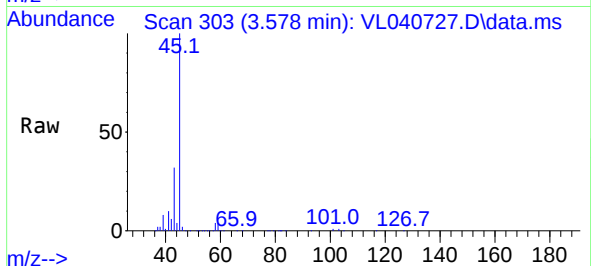




#19  
Isopropyl Alcohol  
Concen: 8.115 ppbv  
RT: 3.578 min Scan# 303  
Delta R.T. 0.000 min  
Lab File: VL040727.D  
Acq: 27 Sep 2023 14:49

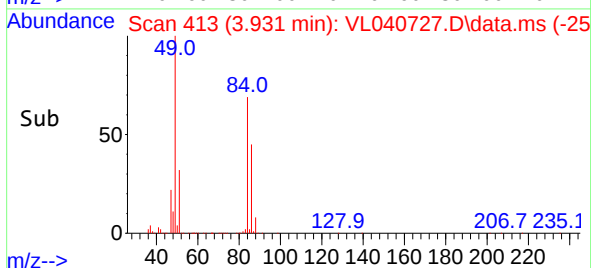
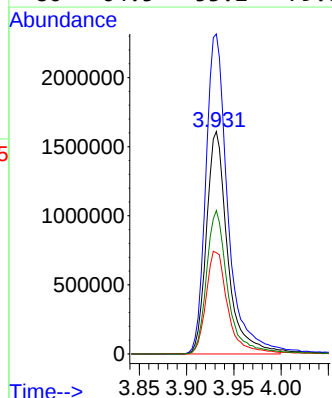
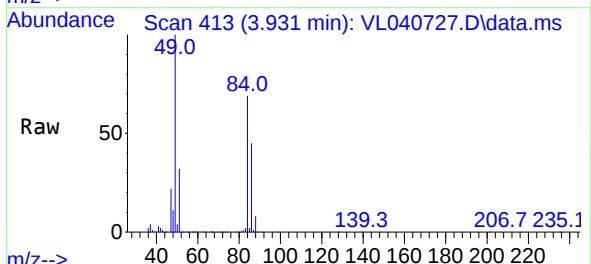
Instrument :  
MSVOA\_L  
ClientSampleId :  
SSG1

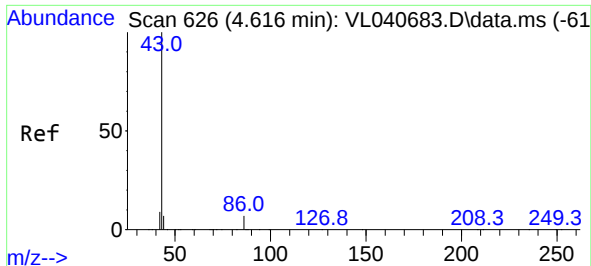
Tgt Ion: 45 Resp: 852978  
Ion Ratio Lower Upper  
45 100  
58 0.0 1.9 2.9#



#20  
Methylene Chloride  
Concen: 26.743 ppbv  
RT: 3.931 min Scan# 413  
Delta R.T. -0.006 min  
Lab File: VL040727.D  
Acq: 27 Sep 2023 14:49

Tgt Ion: 84 Resp: 2510885  
Ion Ratio Lower Upper  
84 100  
49 143.9 114.4 171.6  
51 45.5 35.5 53.3  
86 64.5 53.2 79.8



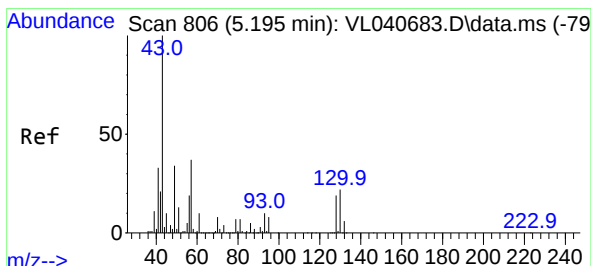
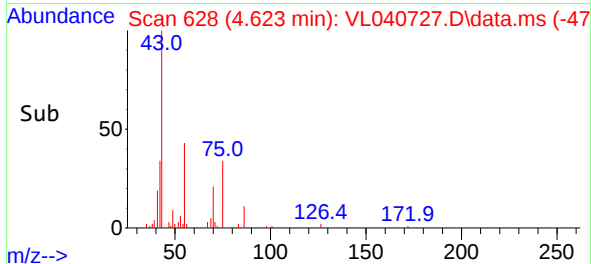
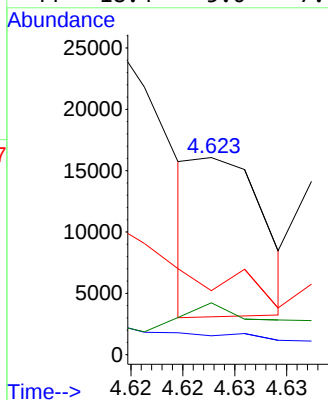
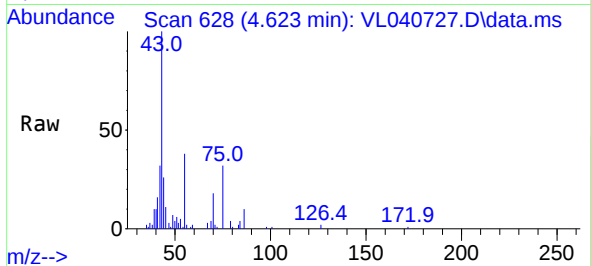


#23  
 Vinyl Acetate  
 Concen: 0.032 ppbv  
 RT: 4.623 min Scan# 61  
 Delta R.T. -0.010 min  
 Lab File: VL040727.D  
 Acq: 27 Sep 2023 14:49

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SSG1

Tgt Ion: 43 Resp: 5840

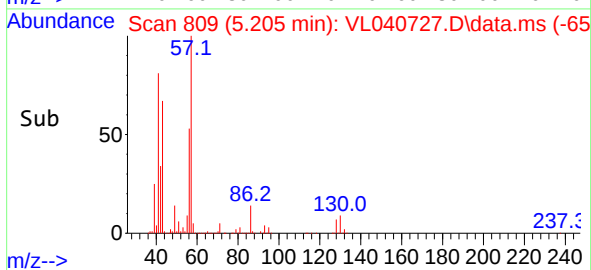
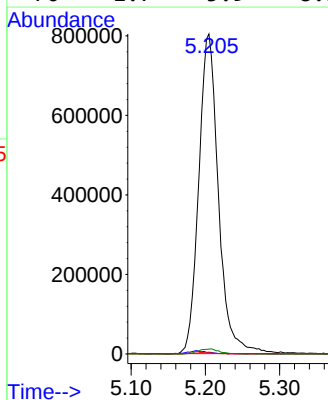
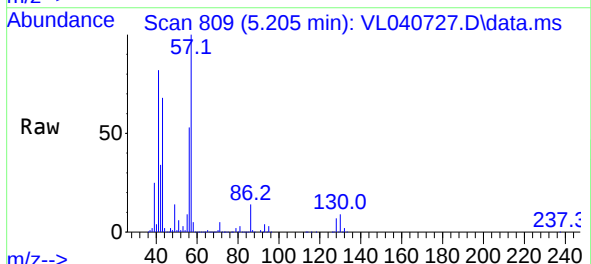
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 86  | 4.7   | 5.6   | 8.4#  |
| 42  | 18.5  | 7.6   | 11.4# |
| 44  | 18.4  | 5.0   | 7.4#  |

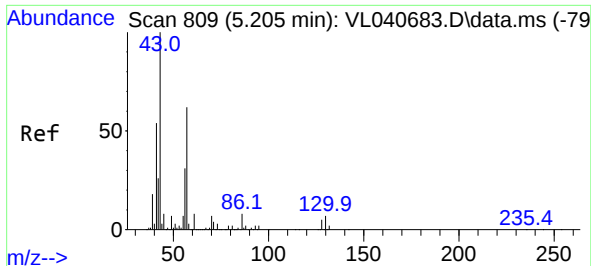


#25  
 Ethyl Acetate  
 Concen: 5.258 ppbv  
 RT: 5.205 min Scan# 809  
 Delta R.T. -0.006 min  
 Lab File: VL040727.D  
 Acq: 27 Sep 2023 14:49

Tgt Ion: 43 Resp: 1479282

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 45  | 1.1   | 8.2   | 12.4# |
| 61  | 0.5   | 8.2   | 12.4# |
| 70  | 1.7   | 5.9   | 8.9#  |



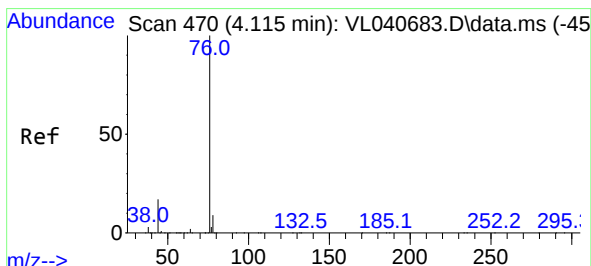
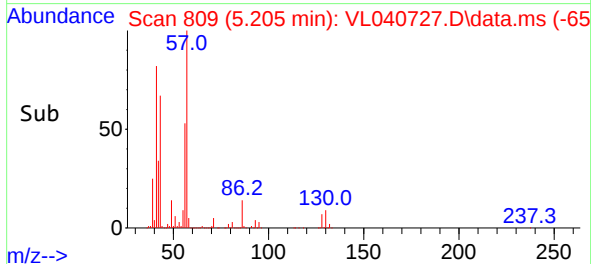
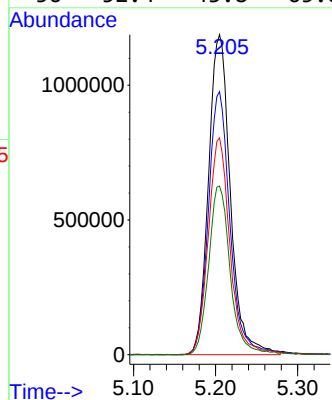
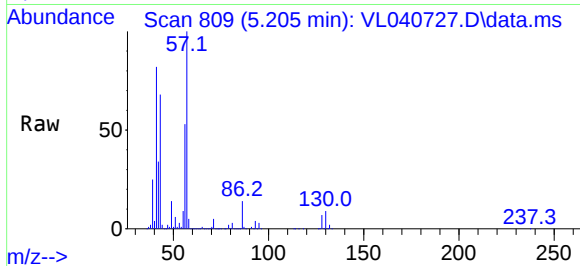


#26  
Hexane  
Concen: 16.530 ppbv  
RT: 5.205 min Scan# 809  
Delta R.T. -0.016 min  
Lab File: VL040727.D  
Acq: 27 Sep 2023 14:49

Instrument :  
MSVOA\_L  
ClientSampleId :  
SSG1

Tgt Ion: 57 Resp: 2199049

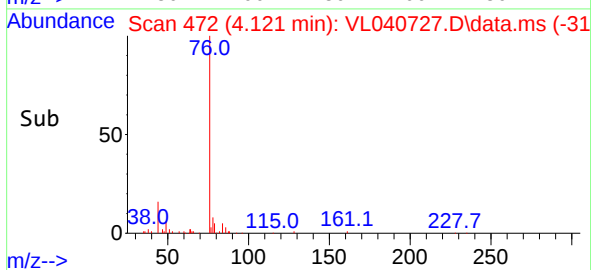
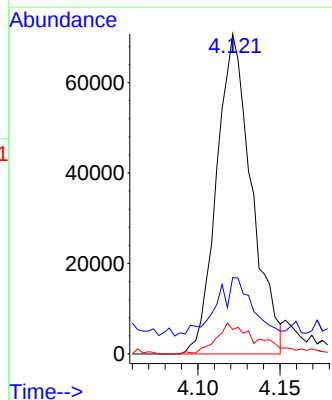
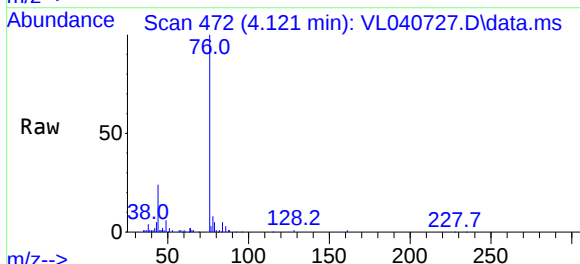
| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 57  | 100   |       |        |
| 41  | 82.4  | 75.2  | 112.8  |
| 43  | 67.8  | 185.6 | 278.4# |
| 56  | 52.4  | 43.8  | 65.8   |

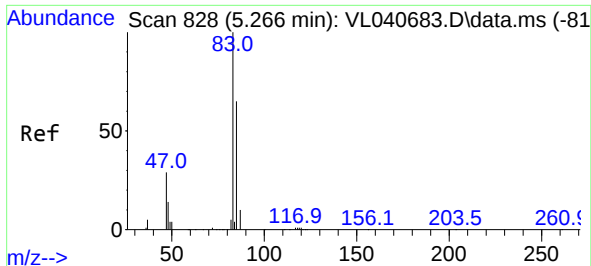


#27  
Carbon Disulfide  
Concen: 0.564 ppbv  
RT: 4.121 min Scan# 472  
Delta R.T. -0.010 min  
Lab File: VL040727.D  
Acq: 27 Sep 2023 14:49

Tgt Ion: 76 Resp: 104649

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 76  | 100   |       |       |
| 44  | 21.3  | 14.5  | 21.7  |
| 78  | 13.2  | 7.7   | 11.5# |

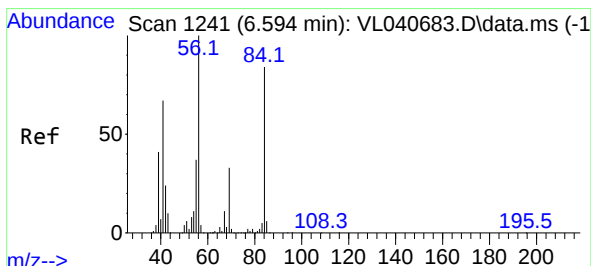
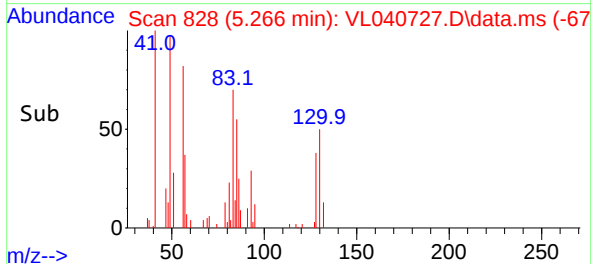
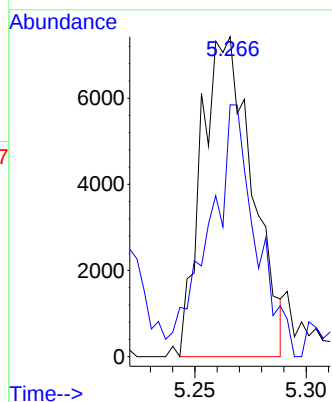
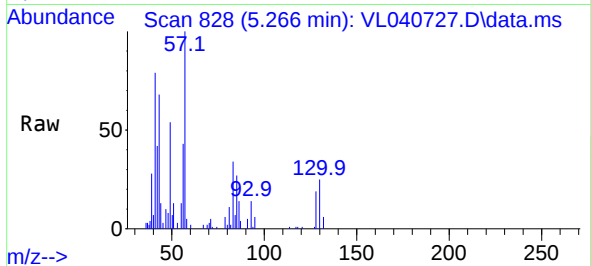




#29  
Chloroform  
Concen: 0.051 ppbv  
RT: 5.266 min Scan# 81  
Delta R.T. -0.016 min  
Lab File: VL040727.D  
Acq: 27 Sep 2023 14:49

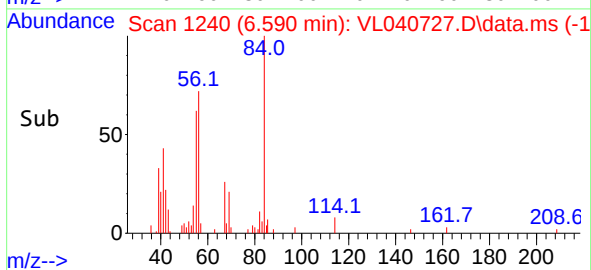
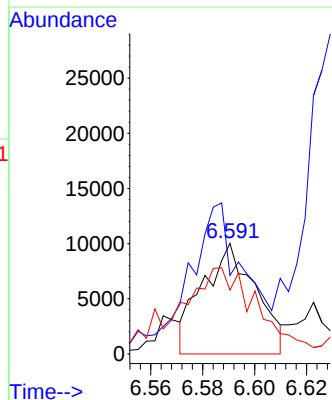
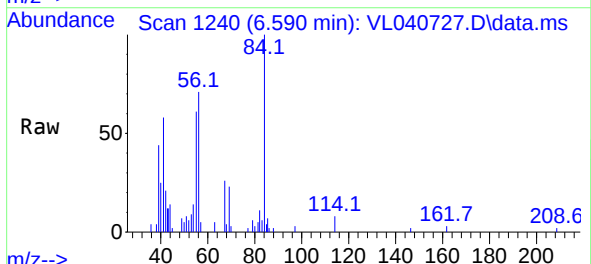
Instrument :  
MSVOA\_L  
ClientSampleId :  
SSG1

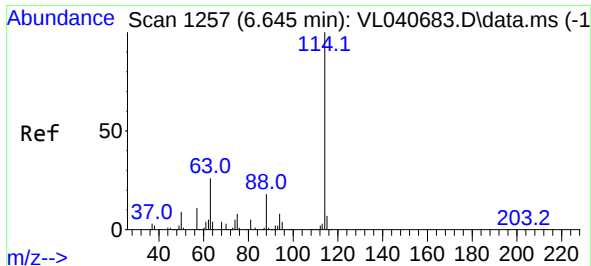
Tgt Ion: 83 Resp: 11761  
Ion Ratio Lower Upper  
83 100  
85 63.3 51.8 77.8



#30  
Cyclohexane  
Concen: 0.142 ppbv  
RT: 6.590 min Scan# 1240  
Delta R.T. -0.019 min  
Lab File: VL040727.D  
Acq: 27 Sep 2023 14:49

Tgt Ion: 84 Resp: 14230  
Ion Ratio Lower Upper  
84 100  
56 134.8 103.2 154.8  
41 125.7 65.5 98.3#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.639 min Scan# 11

Delta R.T. -0.022 min

Lab File: VL040727.D

Acq: 27 Sep 2023 14:49

Instrument :

MSVOA\_L

ClientSampleId :

SSG1

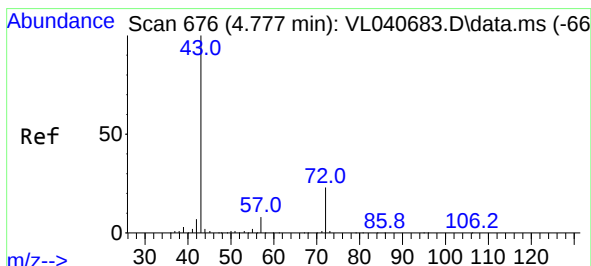
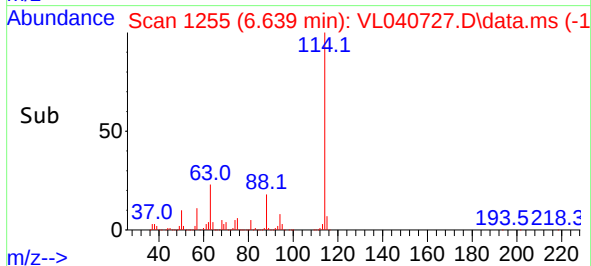
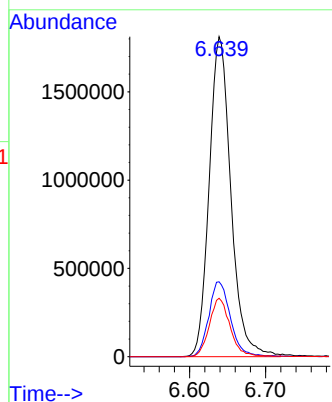
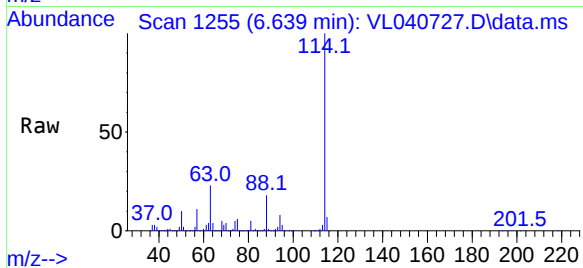
Tgt Ion:114 Resp: 3588270

Ion Ratio Lower Upper

114 100

63 23.6 21.1 31.7

88 17.7 14.5 21.7



#34

2-Butanone

Concen: 2.601 ppbv

RT: 4.777 min Scan# 676

Delta R.T. -0.013 min

Lab File: VL040727.D

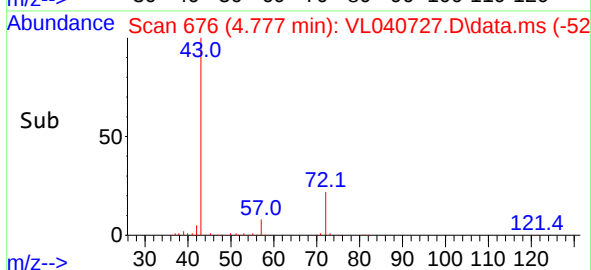
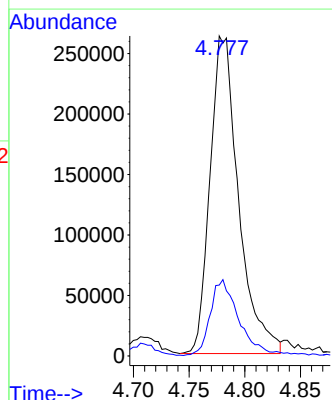
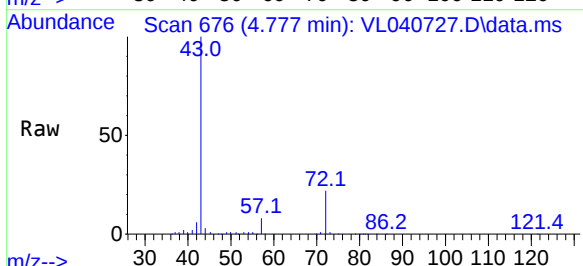
Acq: 27 Sep 2023 14:49

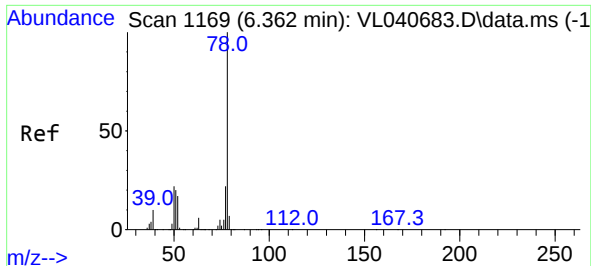
Tgt Ion: 43 Resp: 469380

Ion Ratio Lower Upper

43 100

72 24.6 18.6 27.8

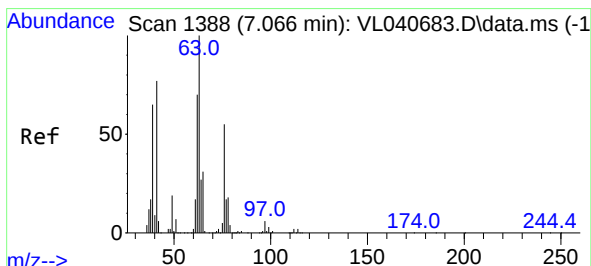
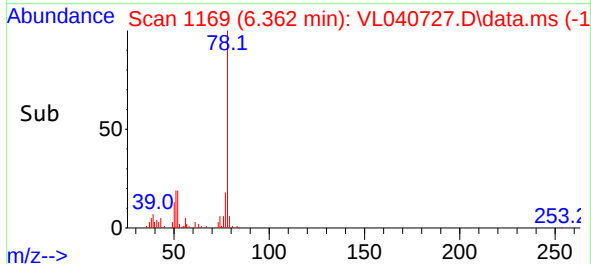
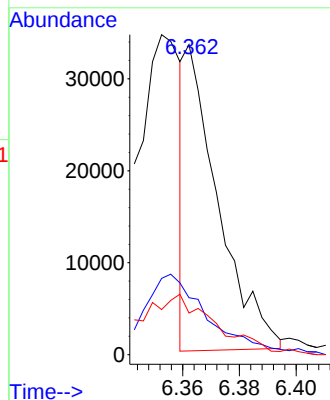
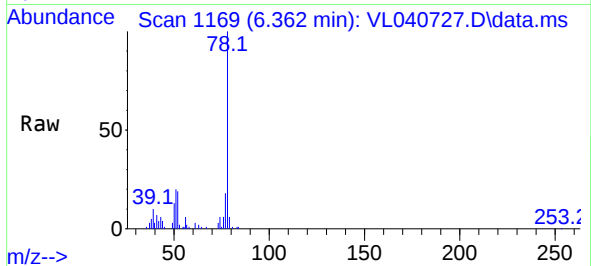




#36  
Benzene  
Concen: 0.101 ppbv  
RT: 6.362 min Scan# 1169  
Delta R.T. -0.019 min  
Lab File: VL040727.D  
Acq: 27 Sep 2023 14:49

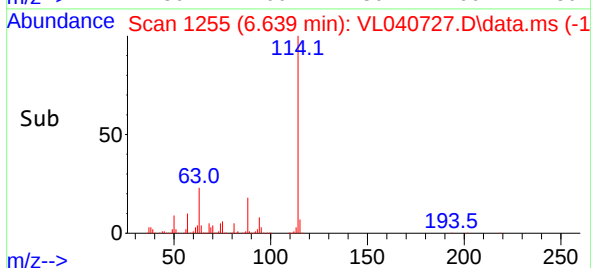
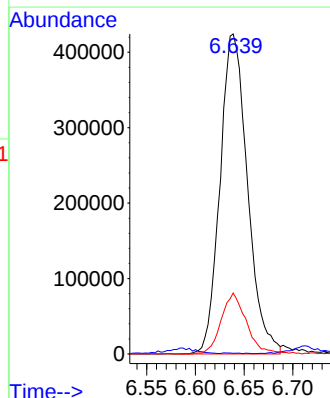
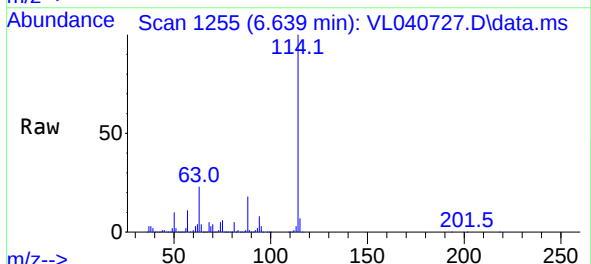
Instrument :  
MSVOA\_L  
ClientSampleId :  
SSG1

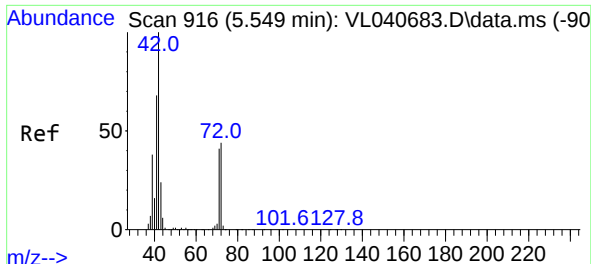
Tgt Ion: 78 Resp: 26844  
Ion Ratio Lower Upper  
78 100  
77 17.6 17.9 26.9#  
50 11.4 17.3 25.9#



#39  
1,2-Dichloropropane  
Concen: 8.128 ppbv  
RT: 6.639 min Scan# 1255  
Delta R.T. -0.444 min  
Lab File: VL040727.D  
Acq: 27 Sep 2023 14:49

Tgt Ion: 63 Resp: 831300  
Ion Ratio Lower Upper  
63 100  
41 0.0 61.6 92.4#  
62 19.0 55.8 83.8#

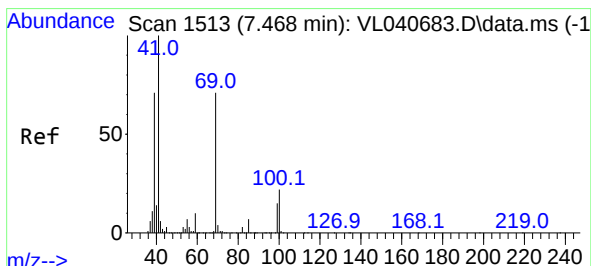
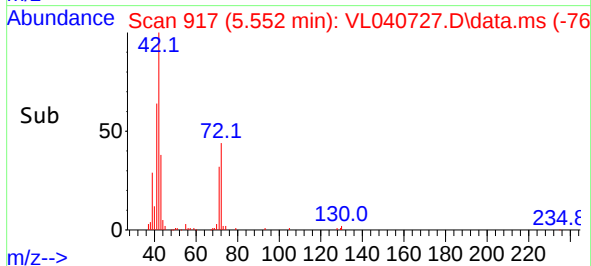
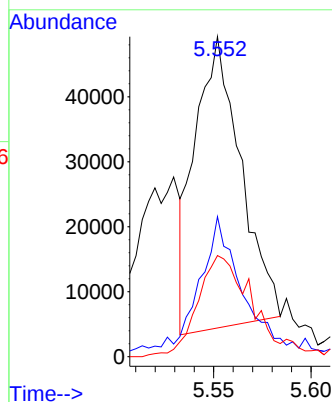
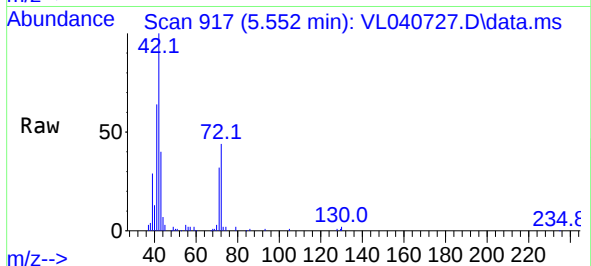




#41  
Tetrahydrofuran  
Concen: 0.792 ppbv  
RT: 5.552 min Scan# 916  
Delta R.T. -0.010 min  
Lab File: VL040727.D  
Acq: 27 Sep 2023 14:49

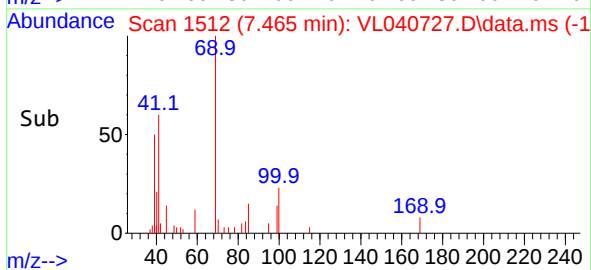
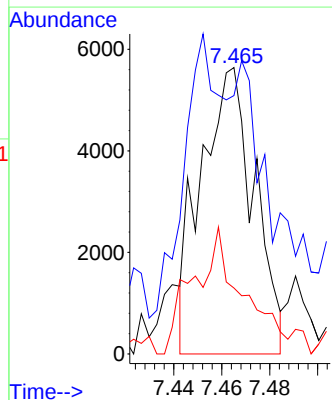
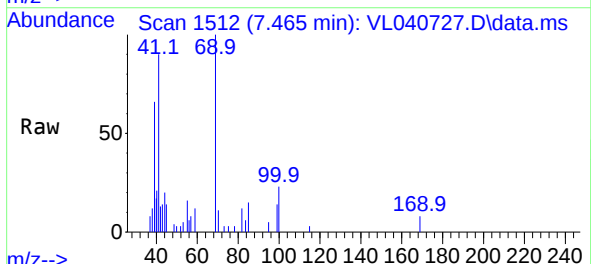
Instrument :  
MSVOA\_L  
ClientSampleId :  
SSG1

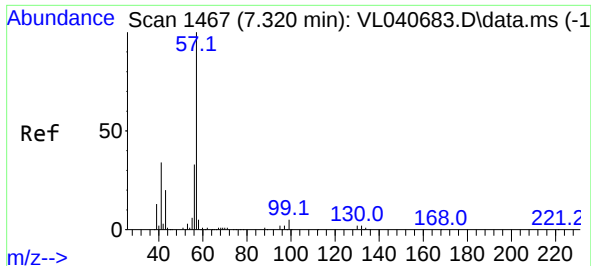
Tgt Ion: 42 Resp: 73292  
Ion Ratio Lower Upper  
42 100  
72 51.6 34.9 52.3  
71 43.2 33.8 50.8



#43  
Methyl Methacrylate  
Concen: 0.088 ppbv  
RT: 7.465 min Scan# 1512  
Delta R.T. -0.016 min  
Lab File: VL040727.D  
Acq: 27 Sep 2023 14:49

Tgt Ion: 69 Resp: 8688  
Ion Ratio Lower Upper  
69 100  
41 166.5 113.8 170.8  
100 46.7 25.4 38.0#





#44

2,2,4-Trimethylpentane

Concen: 0.056 ppbv

RT: 7.317 min Scan# 14

Delta R.T. -0.019 min

Lab File: VL040727.D

Acq: 27 Sep 2023 14:49

Instrument :

MSVOA\_L

ClientSampleId :

SSG1

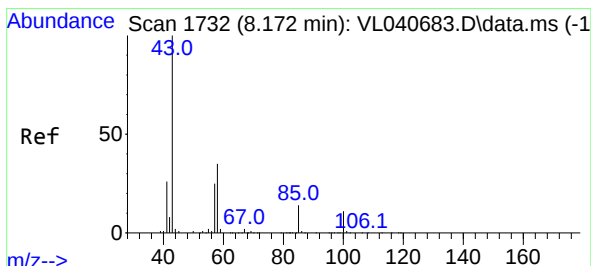
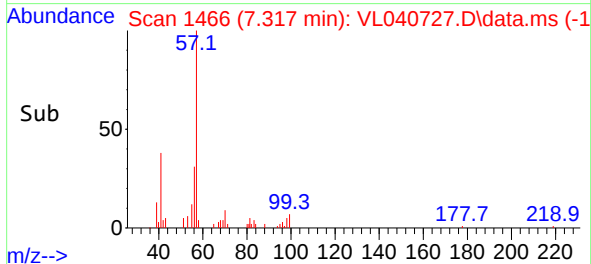
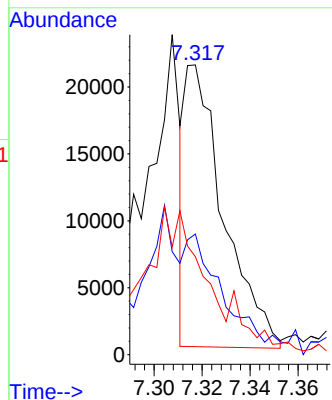
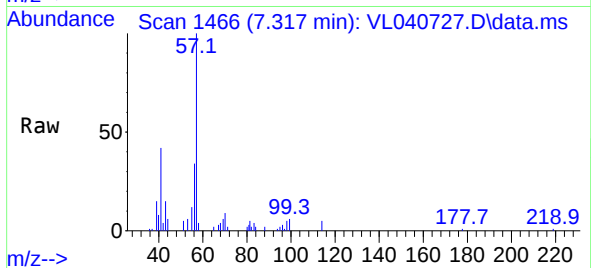
Tgt Ion: 57 Resp: 23525

Ion Ratio Lower Upper

57 100

41 0.0 28.5 42.7#

56 0.0 25.4 38.2#



#50

4-Methyl-2-Pentanone

Concen: 0.094 ppbv

RT: 8.163 min Scan# 1729

Delta R.T. -0.029 min

Lab File: VL040727.D

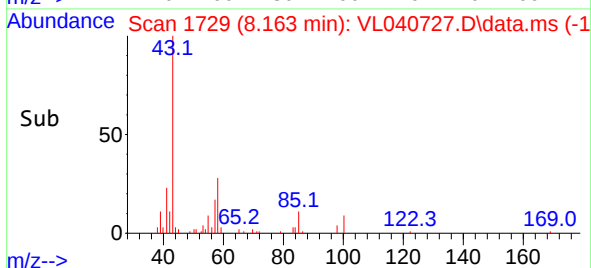
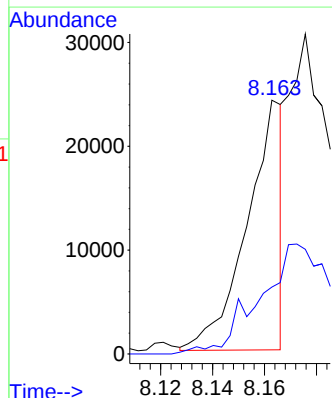
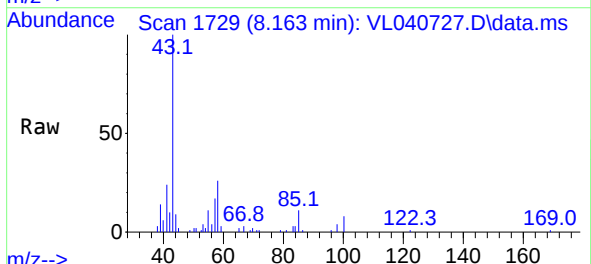
Acq: 27 Sep 2023 14:49

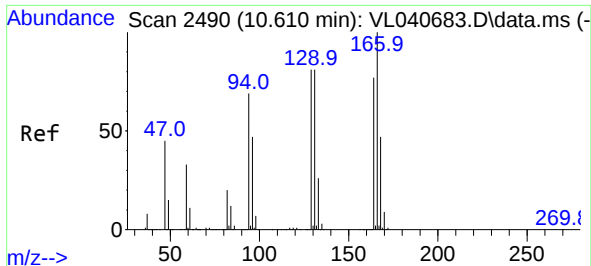
Tgt Ion: 43 Resp: 22826

Ion Ratio Lower Upper

43 100

58 0.0 28.2 42.4#

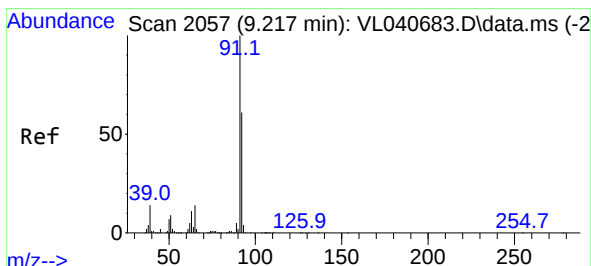
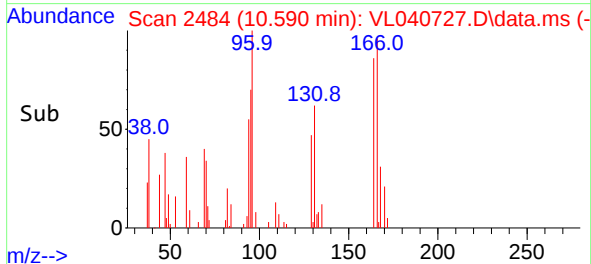
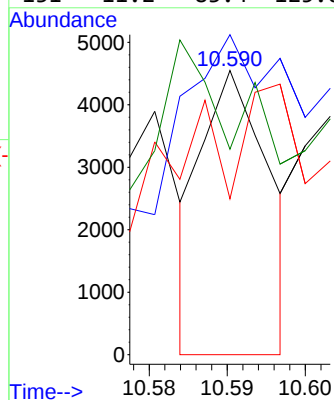
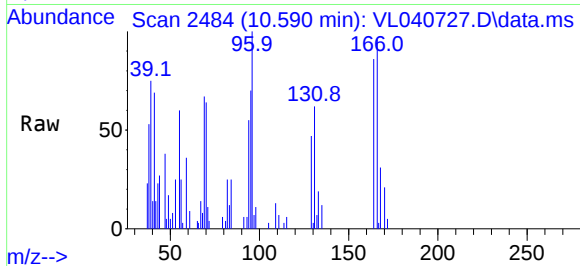




#52  
Tetrachloroethene  
Concen: 0.031 ppbv  
RT: 10.590 min Scan# 2490  
Delta R.T. -0.035 min  
Lab File: VL040727.D  
Acq: 27 Sep 2023 14:49

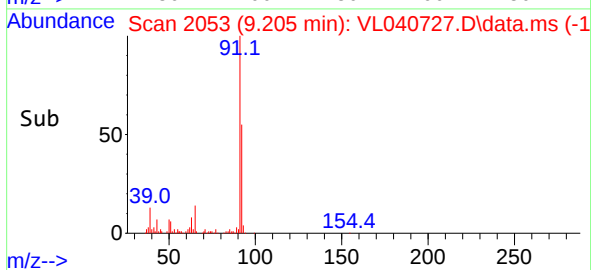
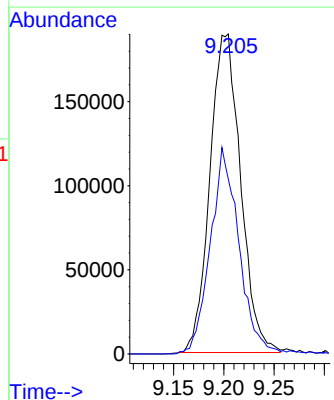
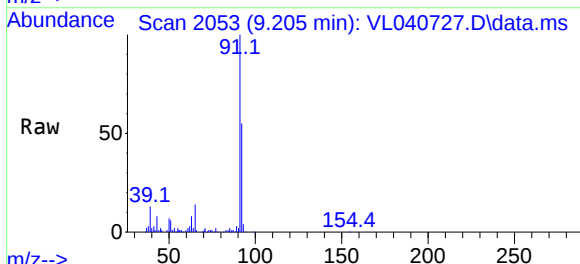
Instrument :  
MSVOA\_L  
ClientSampleId :  
SSG1

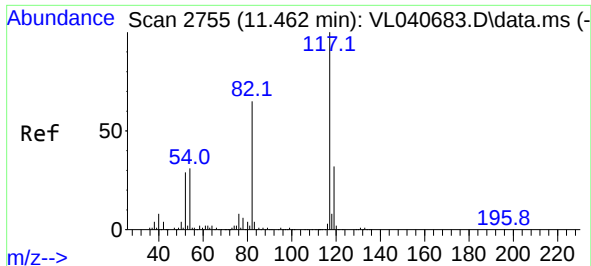
Tgt Ion:164 Resp: 2715  
Ion Ratio Lower Upper  
164 100  
166 46.8 103.4 155.2#  
129 0.0 83.5 125.3#  
131 11.2 83.4 125.0#



#53  
Toluene  
Concen: 1.434 ppbv  
RT: 9.205 min Scan# 2053  
Delta R.T. -0.026 min  
Lab File: VL040727.D  
Acq: 27 Sep 2023 14:49

Tgt Ion: 91 Resp: 402385  
Ion Ratio Lower Upper  
91 100  
92 60.8 48.5 72.7

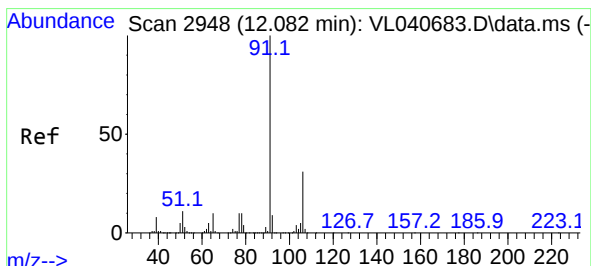
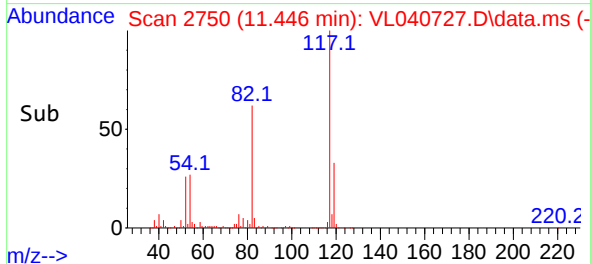
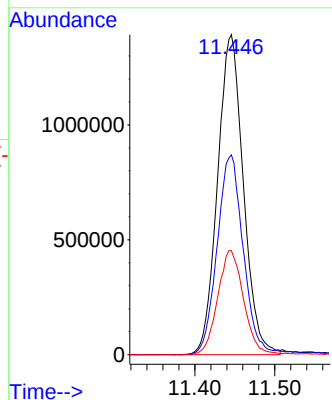
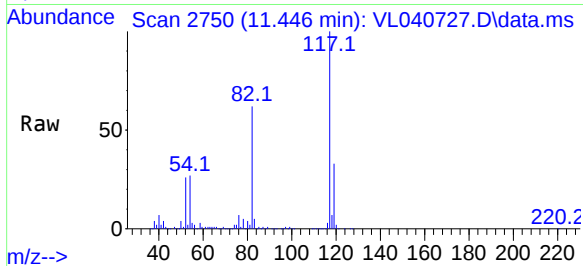




#55  
Chlorobenzene-d5  
Concen: 10.000 ppbv  
RT: 11.446 min Scan# 21  
Delta R.T. -0.032 min  
Lab File: VL040727.D  
Acq: 27 Sep 2023 14:49

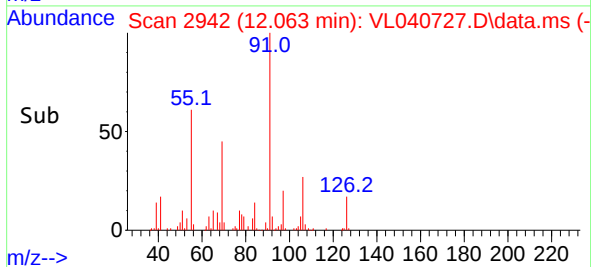
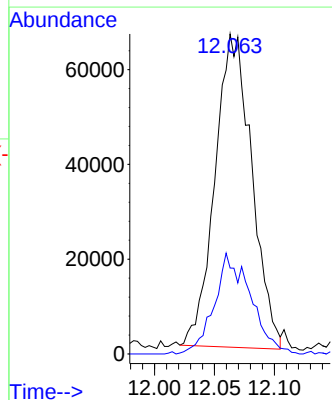
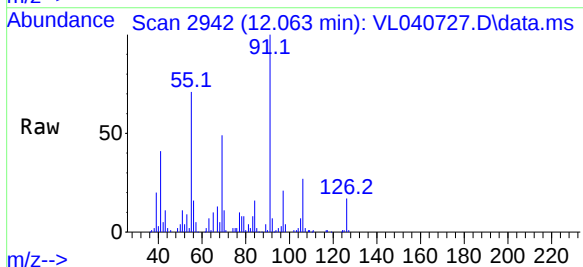
Instrument :  
MSVOA\_L  
ClientSampleId :  
SSG1

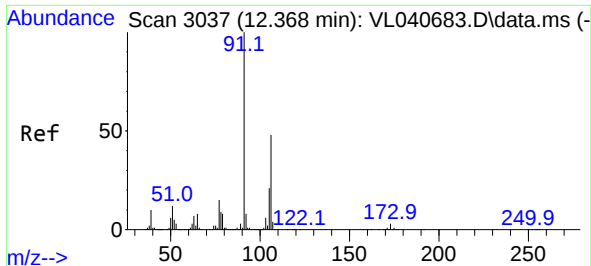
Tgt Ion:117 Resp: 3119920  
Ion Ratio Lower Upper  
117 100  
82 64.7 51.4 77.0  
119 33.0 24.7 37.1



#58  
Ethyl Benzene  
Concen: 0.397 ppbv  
RT: 12.063 min Scan# 2942  
Delta R.T. -0.038 min  
Lab File: VL040727.D  
Acq: 27 Sep 2023 14:49

Tgt Ion: 91 Resp: 141295  
Ion Ratio Lower Upper  
91 100  
106 27.3 24.7 37.1





#59

m/p-Xylene

Concen: 0.694 ppbv

RT: 12.330 min Scan# 3037

Delta R.T. -0.051 min

Lab File: VL040727.D

Acq: 27 Sep 2023 14:49

Instrument :

MSVOA\_L

ClientSampleId :

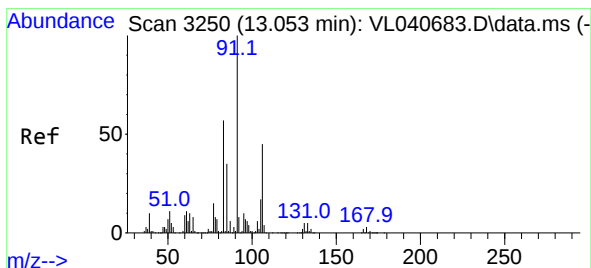
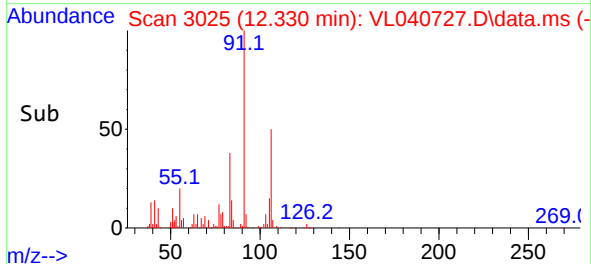
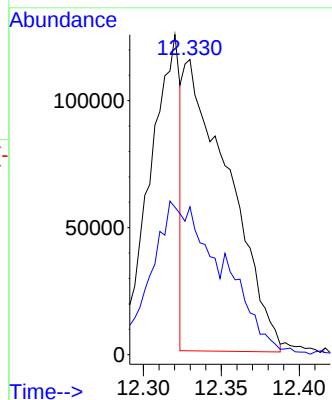
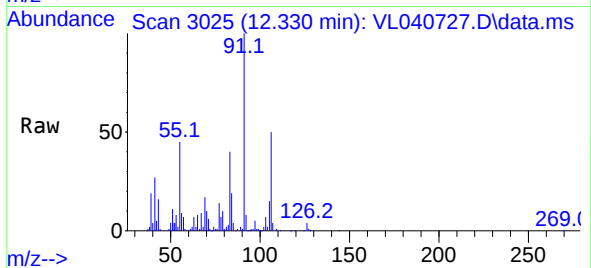
SSG1

Tgt Ion: 91 Resp: 231674

Ion Ratio Lower Upper

91 100

106 0.0 34.8 52.2#



#60

o-Xylene

Concen: 0.267 ppbv

RT: 13.034 min Scan# 3244

Delta R.T. -0.035 min

Lab File: VL040727.D

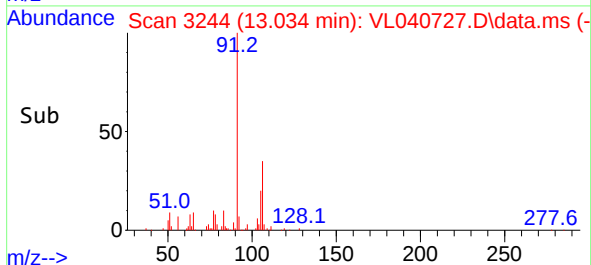
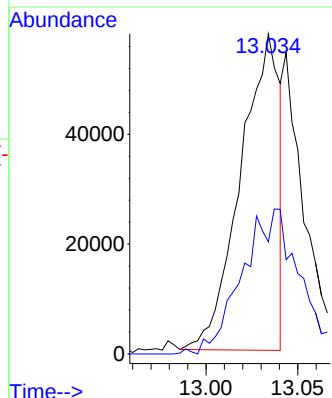
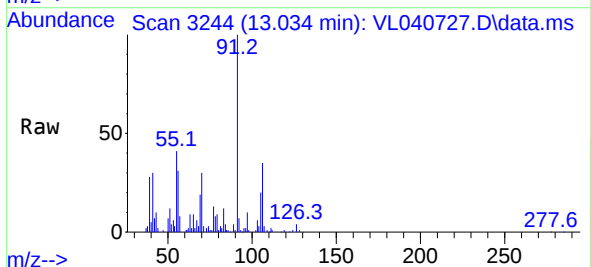
Acq: 27 Sep 2023 14:49

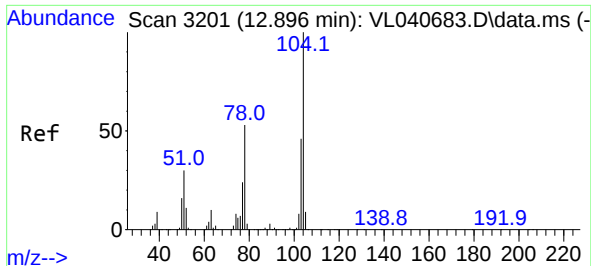
Tgt Ion: 91 Resp: 84964

Ion Ratio Lower Upper

91 100

106 68.1 22.3 66.9#

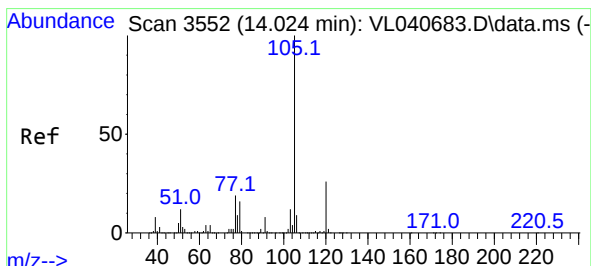
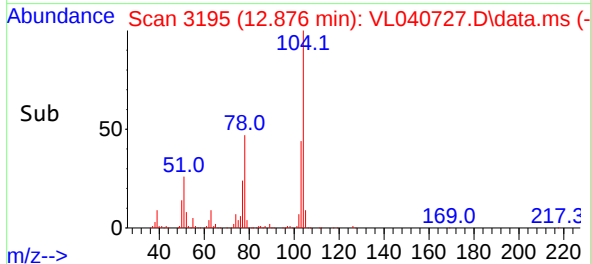
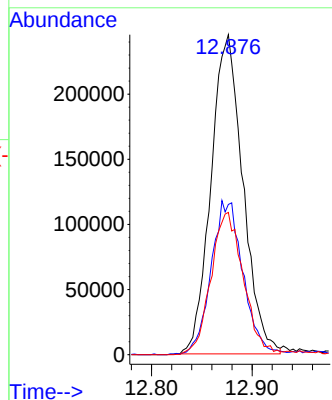
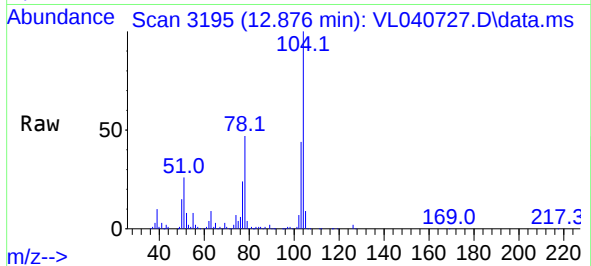




#61  
Styrene  
Concen: 4.051 ppbv  
RT: 12.876 min Scan# 31  
Delta R.T. -0.029 min  
Lab File: VL040727.D  
Acq: 27 Sep 2023 14:49

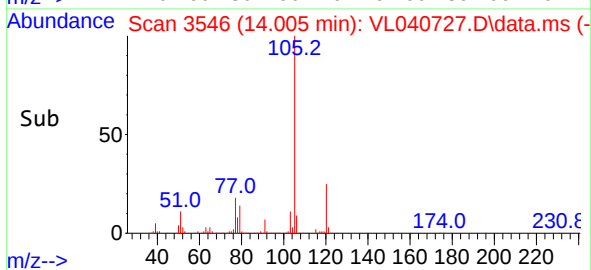
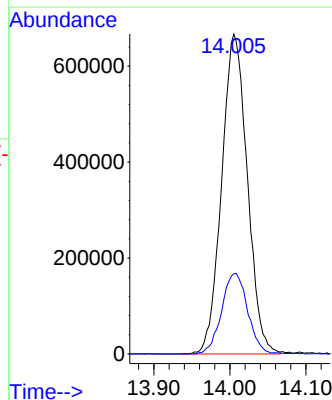
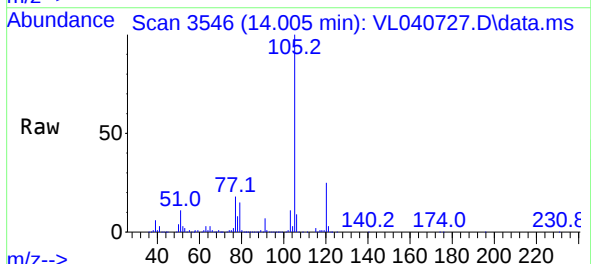
Instrument :  
MSVOA\_L  
ClientSampleId :  
SSG1

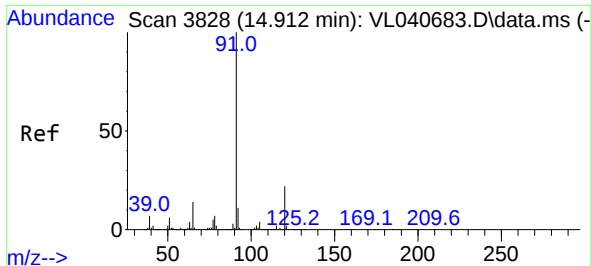
Tgt Ion:104 Resp: 540797  
Ion Ratio Lower Upper  
104 100  
78 48.7 43.4 65.0  
103 46.2 37.2 55.8



#62  
Isopropylbenzene  
Concen: 3.251 ppbv  
RT: 14.005 min Scan# 3546  
Delta R.T. -0.032 min  
Lab File: VL040727.D  
Acq: 27 Sep 2023 14:49

Tgt Ion:105 Resp: 1563679  
Ion Ratio Lower Upper  
105 100  
120 25.7 20.2 30.4

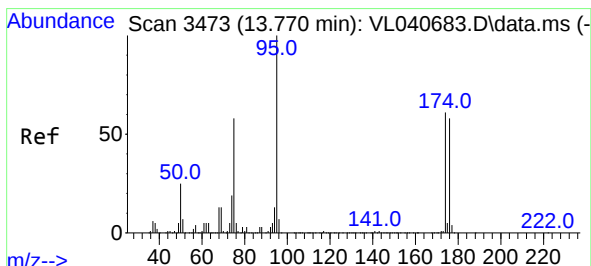
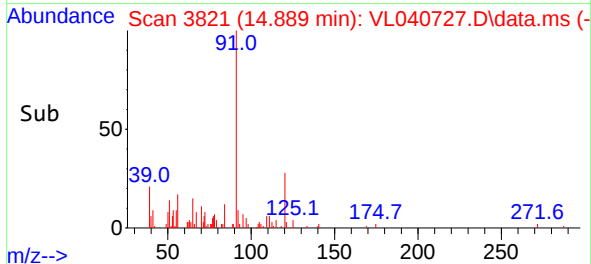
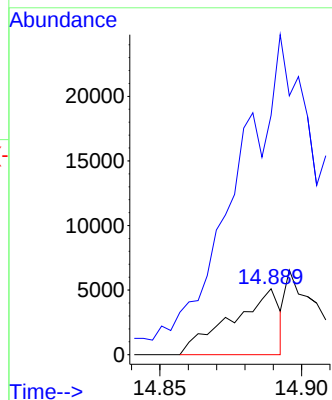
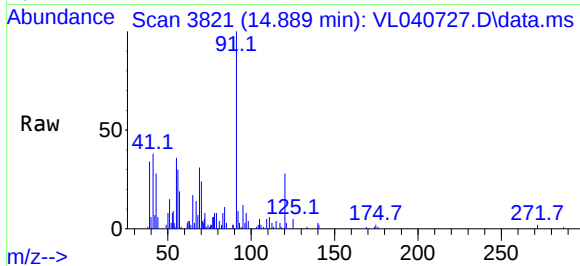




#64  
n-propylbenzene  
Concen: 0.050 ppbv  
RT: 14.889 min Scan# 31  
Delta R.T. -0.035 min  
Lab File: VL040727.D  
Acq: 27 Sep 2023 14:49

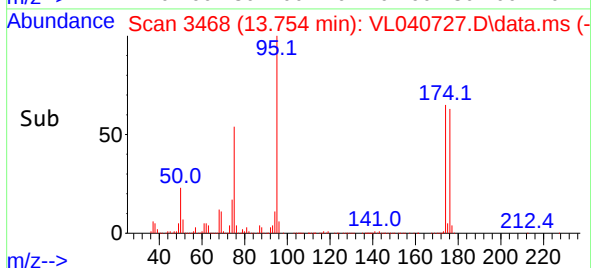
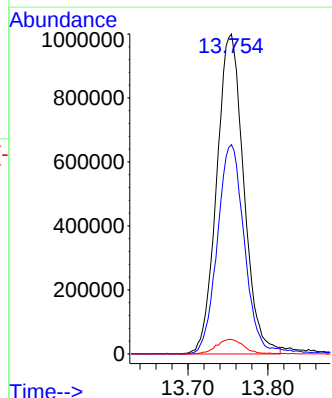
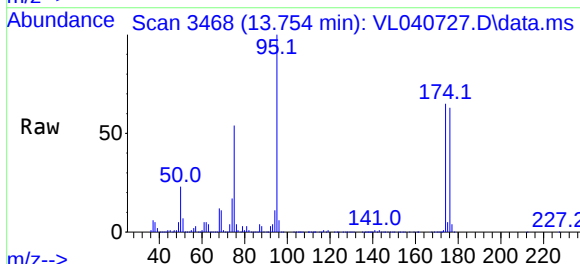
Instrument :  
MSVOA\_L  
ClientSampleId :  
SSG1

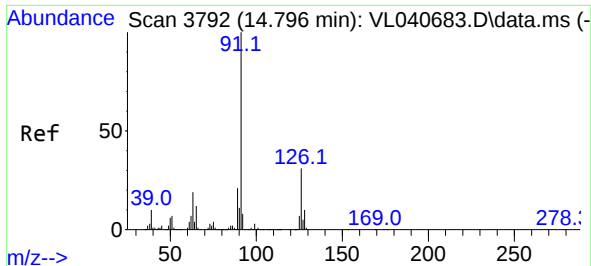
Tgt Ion:120 Resp: 6000  
Ion Ratio Lower Upper  
120 100  
91 0.0 386.9 580.3#



#68  
1-Bromo-4-Fluorobenzene  
Concen: 9.743 ppbv  
RT: 13.754 min Scan# 3468  
Delta R.T. -0.032 min  
Lab File: VL040727.D  
Acq: 27 Sep 2023 14:49

Tgt Ion: 95 Resp: 2348453  
Ion Ratio Lower Upper  
95 100  
174 66.9 48.9 73.3  
175 4.7 3.5 5.3

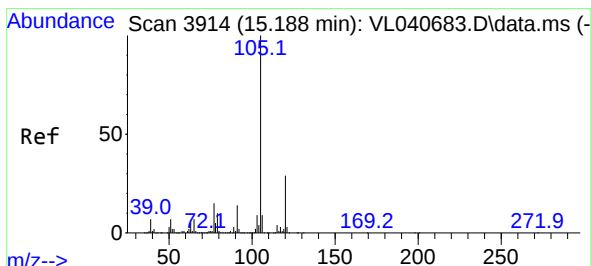
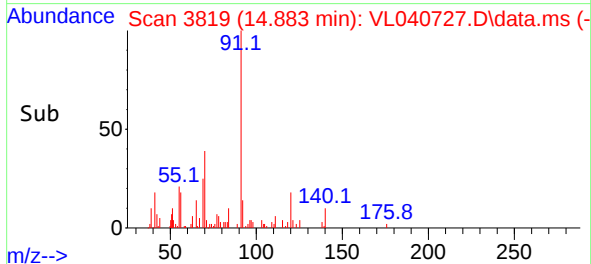
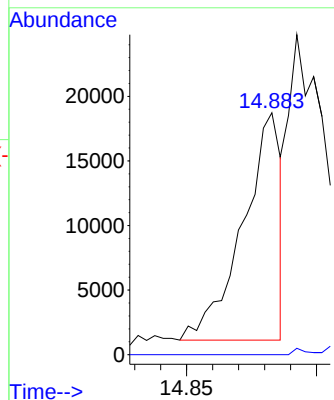
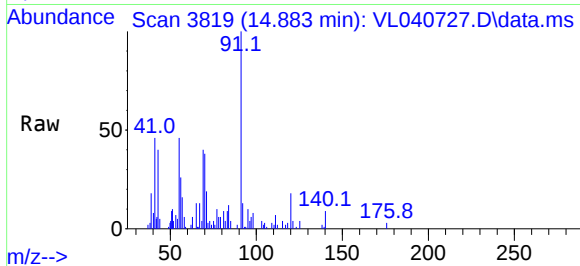




#71  
2-Chlorotoluene  
Concen: 0.050 ppbv  
RT: 14.883 min Scan# 31  
Delta R.T. 0.074 min  
Lab File: VL040727.D  
Acq: 27 Sep 2023 14:49

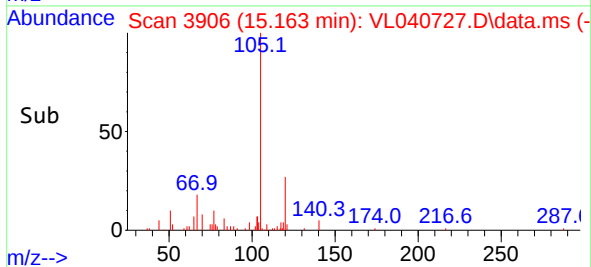
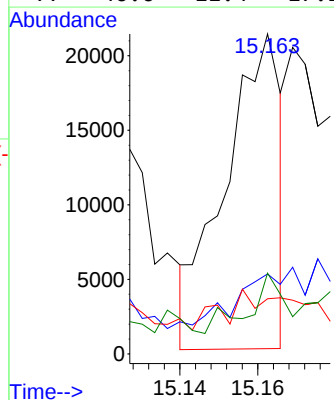
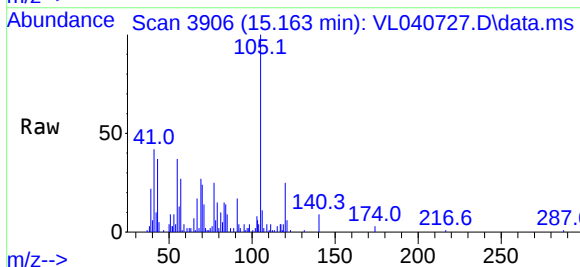
Instrument :  
MSVOA\_1  
ClientSampleId :  
SSG1

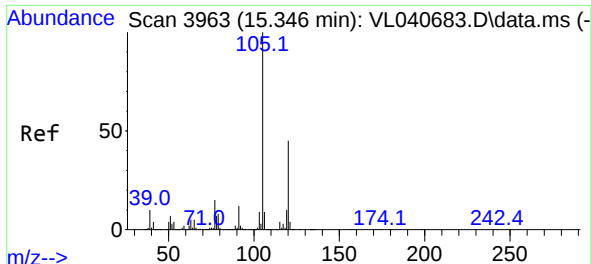
Tgt Ion: 91 Resp: 17881  
Ion Ratio Lower Upper  
91 100  
126 4.8 12.0 47.8#



#72  
4-Ethyltoluene  
Concen: 0.059 ppbv  
RT: 15.163 min Scan# 3906  
Delta R.T. -0.038 min  
Lab File: VL040727.D  
Acq: 27 Sep 2023 14:49

Tgt Ion: 105 Resp: 20985  
Ion Ratio Lower Upper  
105 100  
120 0.0 23.9 35.9#  
91 43.6 11.0 16.4#  
77 46.6 11.4 17.2#

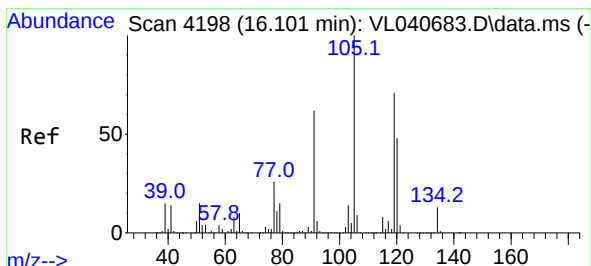
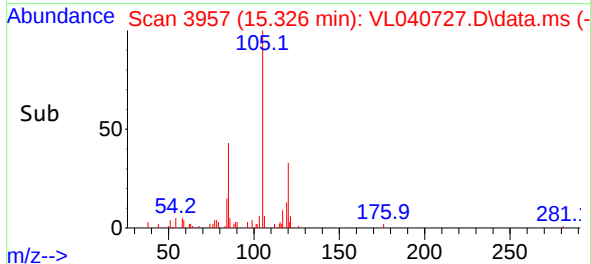
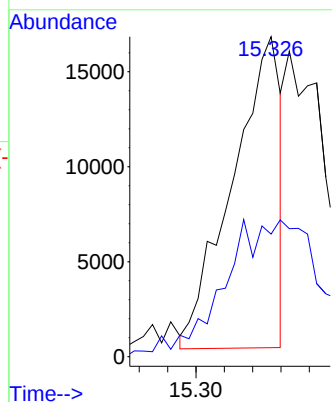
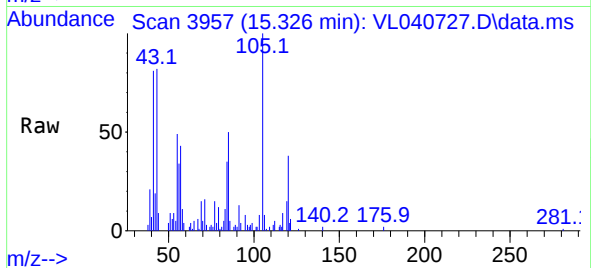




#73  
1,3,5-Trimethylbenzene  
Concen: 0.060 ppbv  
RT: 15.326 min Scan# 3963  
Delta R.T. -0.035 min  
Lab File: VL040727.D  
Acq: 27 Sep 2023 14:49

Instrument :  
MSVOA\_L  
ClientSampleId :  
SSG1

Tgt Ion:105 Resp: 19341  
Ion Ratio Lower Upper  
105 100  
120 38.1 36.1 54.1



#74  
1,2,4-Trimethylbenzene  
Concen: 0.196 ppbv  
RT: 16.082 min Scan# 4192  
Delta R.T. -0.035 min  
Lab File: VL040727.D  
Acq: 27 Sep 2023 14:49

Tgt Ion:105 Resp: 76959  
Ion Ratio Lower Upper  
105 100  
120 38.4 38.6 57.8#  
91 15.4 50.0 75.0#  
77 8.8 20.6 31.0#

