

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL040725\  
 Data File : VL042235.D  
 Acq On : 07 Apr 2025 14:51  
 Operator : SY/MD  
 Sample : Q1725-02  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SSSG-B10-4-04012025

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/08/2025  
 Supervised By :Mahesh Dadoda 04/09/2025

Quant Time: Apr 08 01:32:36 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL032725AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 2025

QLast Update : Fri Mar 28 02:00:52 2025

Response via : Initial Calibration

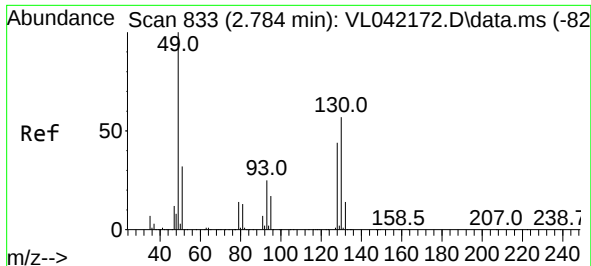
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 2.803  | 49    | 200550   | 10.000   | ppbv   | 0.02     |
| 33) 1,4-Difluorobenzene     | 3.981  | 114   | 538469   | 10.000   | ppbv   | 0.03     |
| 55) Chlorobenzene-d5        | 8.901  | 117   | 487966   | 10.000   | ppbv   | 0.03     |
|                             |        |       |          |          |        |          |
| System Monitoring Compounds |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene | 10.393 | 95    | 392922   | 9.805    | ppbv   | 0.02     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =      | 98.100%  |
|                             |        |       |          |          |        |          |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane  | 1.502  | 85    | 11812    | 0.399    | ppbv   | 99       |
| 4) Chloromethane            | 1.538  | 50    | 1607     | 0.133    | ppbv   | 97       |
| 9) Propene                  | 1.492  | 41    | 34124m   | 2.461    | ppbv   |          |
| 10) Heptane                 | 5.004  | 43    | 5459m    | 0.148    | ppbv   |          |
| 11) Trichlorofluoromethane  | 1.887  | 101   | 6560     | 0.228    | ppbv   | 97       |
| 13) Ethanol                 | 1.729  | 45    | 165486   | 126.257  | ppbv   | 81       |
| 15) Acetone                 | 1.842  | 43    | 878596   | 31.325   | ppbv   | 97       |
| 17) tert-Butyl alcohol      | 2.052  | 59    | 17125m   | 0.490    | ppbv   |          |
| 18) 1,1-Dichloroethene      | 2.046  | 96    | 17208    | 1.554    | ppbv   | 98       |
| 19) Isopropyl Alcohol       | 1.894  | 45    | 429215   | 27.122   | ppbv # | 85       |
| 20) Methylene Chloride      | 2.072  | 84    | 7004     | 0.670    | ppbv # | 81       |
| 26) Hexane                  | 2.842  | 57    | 12578    | 0.447    | ppbv # | 1        |
| 29) Chloroform              | 2.865  | 83    | 5091112  | 123.718  | ppbv # | 64       |
| 32) 1,1,1-Trichloroethane   | 3.389  | 97    | 5002     | 0.106    | ppbv   | 96       |
| 34) 2-Butanone              | 2.573  | 43    | 26940    | 0.690    | ppbv   | 99       |
| 35) Carbon Tetrachloride    | 3.787  | 117   | 149549   | 3.555    | ppbv   | 97       |
| 36) Benzene                 | 3.677  | 78    | 12945m   | 0.242    | ppbv   |          |
| 38) Trichloroethene         | 4.577  | 130   | 20401    | 0.916    | ppbv # | 83       |
| 42) Bromodichloromethane    | 4.519  | 83    | 17527m   | 0.416    | ppbv   |          |
| 52) Tetrachloroethene       | 8.247  | 164   | 66227    | 3.128    | ppbv   | 96       |
| 53) Toluene                 | 6.962  | 91    | 88021    | 1.391    | ppbv   | 99       |
| 57) Chlorobenzene           | 8.940  | 112   | 7168m    | 0.155    | ppbv   |          |
| 58) Ethyl Benzene           | 9.377  | 91    | 22956    | 0.265    | ppbv # | 87       |
| 59) m/p-Xylene              | 9.552  | 91    | 78245    | 1.131    | ppbv   | 100      |
| 60) o-Xylene                | 9.982  | 91    | 26678    | 0.385    | ppbv   | 97       |
| 61) Styrene                 | 9.888  | 104   | 11796    | 0.344    | ppbv   | 95       |
| 74) 1,2,4-Trimethylbenzene  | 11.552 | 105   | 33126    | 0.381    | ppbv # | 66       |
| -----                       |        |       |          |          |        |          |

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

## Manual Integrations

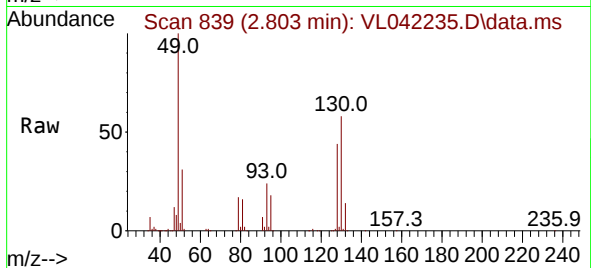
Quant Time: Apr 08 01:32:36 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL032725AIR.M  
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_LFri Aug  
QLast Update : Fri Mar 28 02:00:52 2025  
Response via : Initial Calibration





#1  
Bromochloromethane  
Concen: 10.000 ppbv  
RT: 2.803 min Scan# 811  
Delta R.T. 0.019 min  
Lab File: VL042235.D  
Acq: 07 Apr 2025 14:51

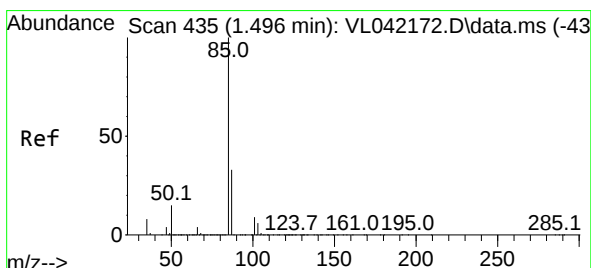
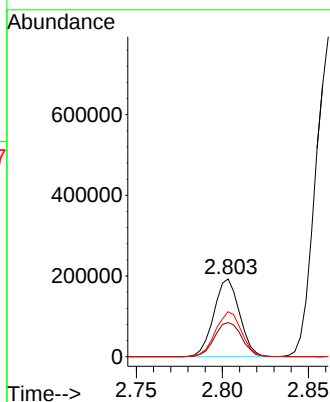
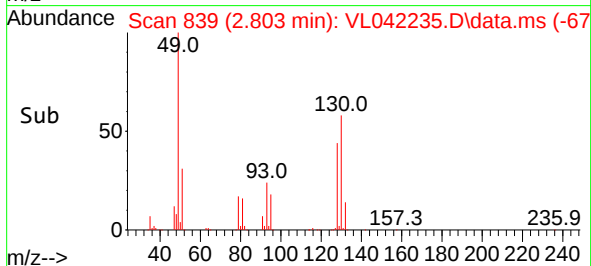
Instrument :  
MSVOA\_L  
ClientSampleId :  
SSSG-B10-4-04012025



Tgt Ion: 49 Resp: 200550  
Ion Ratio Lower Upper  
49 100  
128 46.5 22.9 68.5  
130 58.5 28.8 86.4

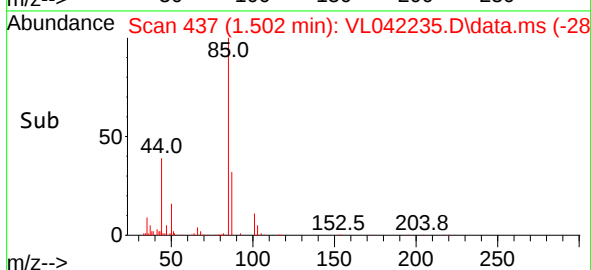
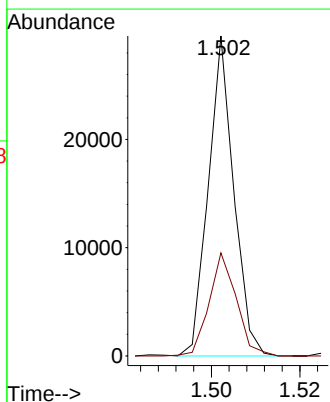
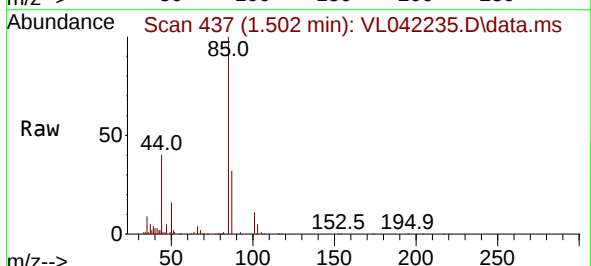
Manual Integrations  
APPROVED

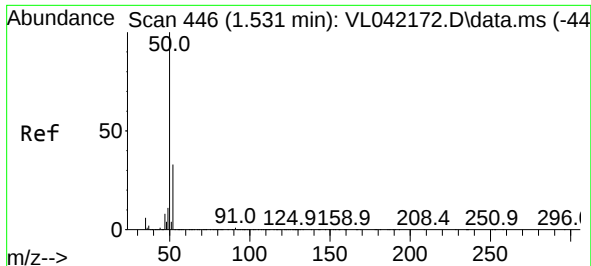
Reviewed By :Semsettin Yesilyurt 04/08/2025  
Supervised By :Mahesh Dadoda 04/09/2025



#2  
Dichlorodifluoromethane  
Concen: 0.399 ppbv  
RT: 1.502 min Scan# 437  
Delta R.T. 0.006 min  
Lab File: VL042235.D  
Acq: 07 Apr 2025 14:51

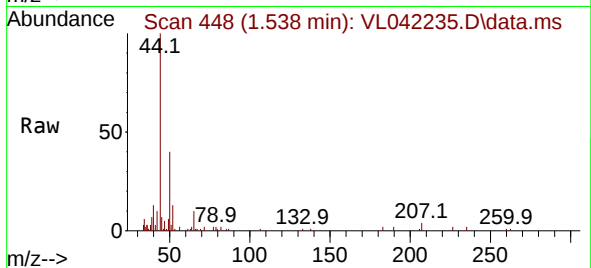
Tgt Ion: 85 Resp: 11812  
Ion Ratio Lower Upper  
85 100  
87 32.2 26.1 39.1





#4  
Chloromethane  
Concen: 0.133 ppbv  
RT: 1.538 min Scan# 446  
Delta R.T. 0.006 min  
Lab File: VL042235.D  
Acq: 07 Apr 2025 14:51

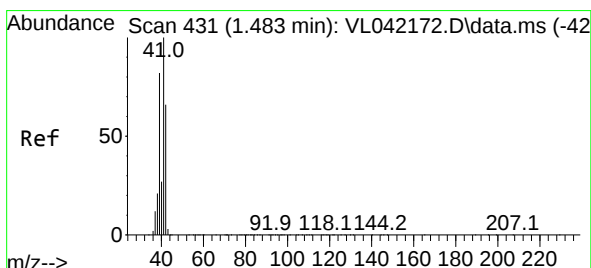
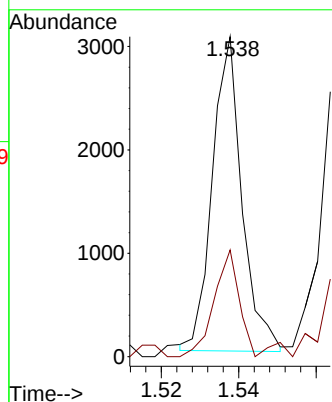
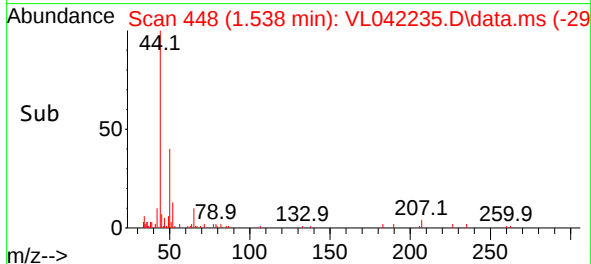
Instrument :  
MSVOA\_L  
ClientSampleId :  
SSSG-B10-4-04012025



Tgt Ion: 50 Resp: 160  
Ion Ratio Lower Upper  
50 100  
52 34.4 26.1 39.1

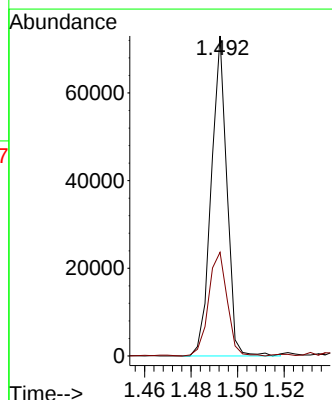
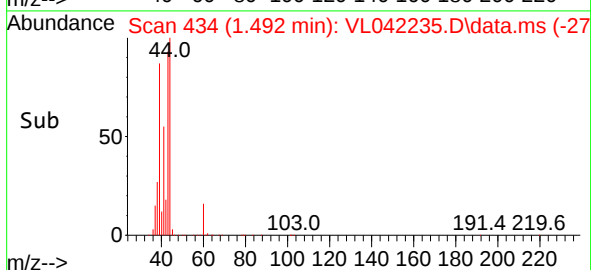
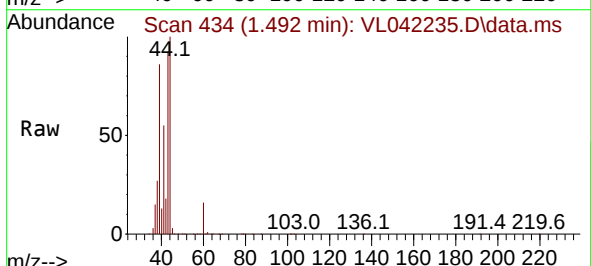
Manual Integrations  
APPROVED

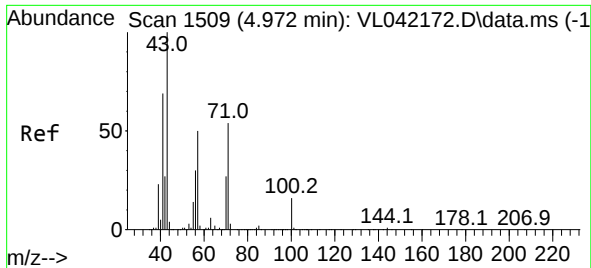
Reviewed By :Semsettin Yesilyurt 04/08/2025  
Supervised By :Mahesh Dadoda 04/09/2025



#9  
Propene  
Concen: 2.461 ppbv m  
RT: 1.492 min Scan# 434  
Delta R.T. 0.010 min  
Lab File: VL042235.D  
Acq: 07 Apr 2025 14:51

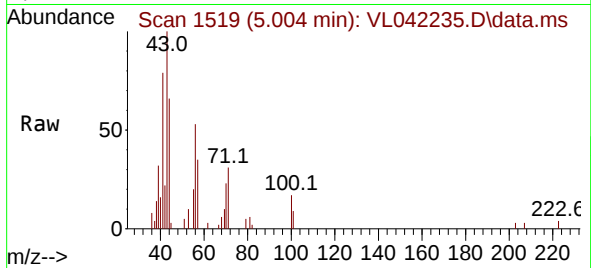
Tgt Ion: 41 Resp: 34124  
Ion Ratio Lower Upper  
41 100  
42 73.3 55.4 83.2





#10  
Heptane  
Concen: 0.148 ppbv m  
RT: 5.004 min Scan# 11  
Delta R.T. 0.032 min  
Lab File: VL042235.D  
Acq: 07 Apr 2025 14:51

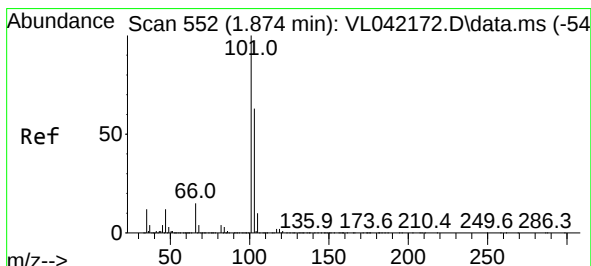
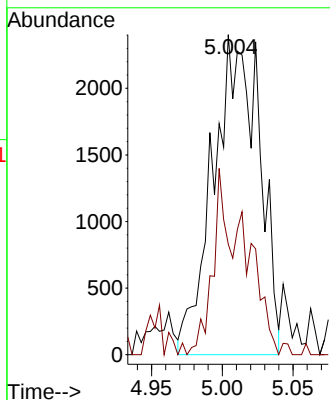
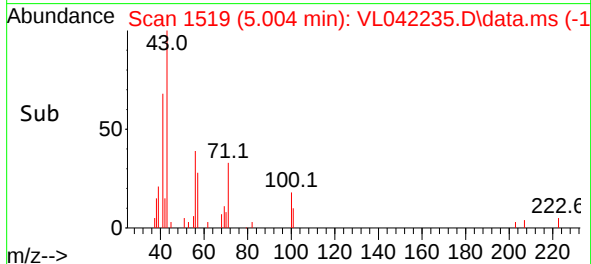
Instrument :  
MSVOA\_L  
ClientSampleId :  
SSSG-B10-4-04012025



Tgt Ion: 43 Resp: 545  
Ion Ratio Lower Upper  
43 100  
57 0.0 39.4 59.2

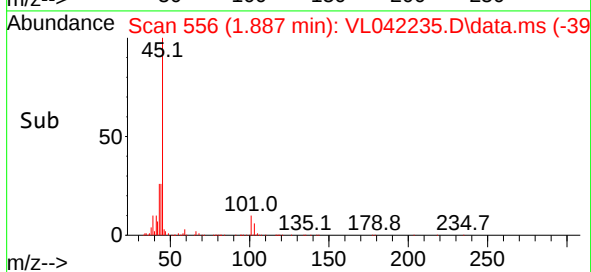
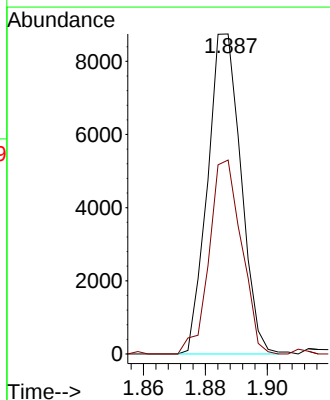
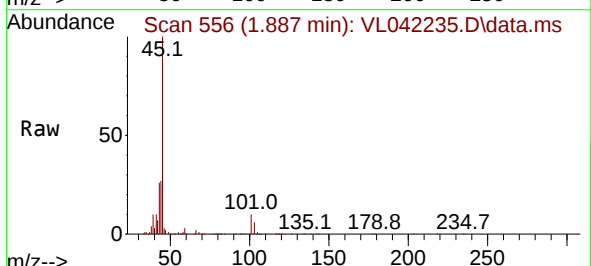
Manual Integrations  
APPROVED

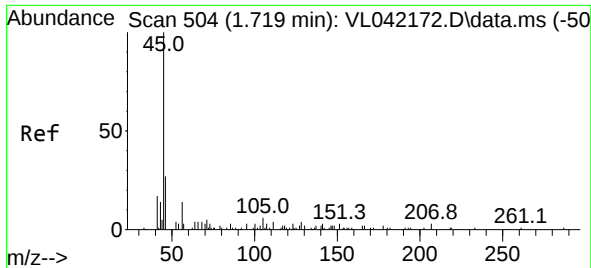
Reviewed By :Semsettin Yesilyurt 04/08/2025  
Supervised By :Mahesh Dadoda 04/09/2025



#11  
Trichlorofluoromethane  
Concen: 0.228 ppbv  
RT: 1.887 min Scan# 556  
Delta R.T. 0.013 min  
Lab File: VL042235.D  
Acq: 07 Apr 2025 14:51

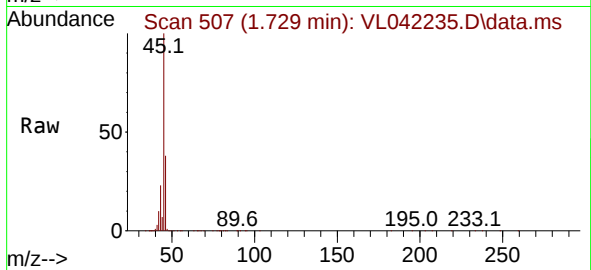
Tgt Ion:101 Resp: 6560  
Ion Ratio Lower Upper  
101 100  
103 60.6 50.2 75.2





#13  
Ethanol  
Concen: 126.257 ppbv  
RT: 1.729 min Scan# 504  
Delta R.T. 0.010 min  
Lab File: VL042235.D  
Acq: 07 Apr 2025 14:51

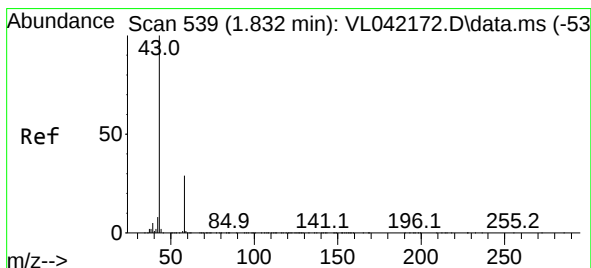
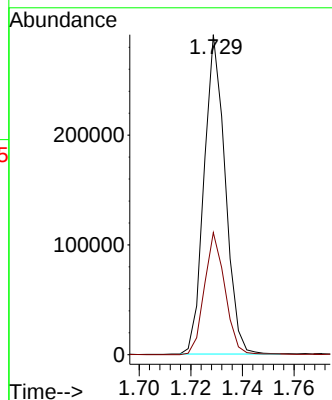
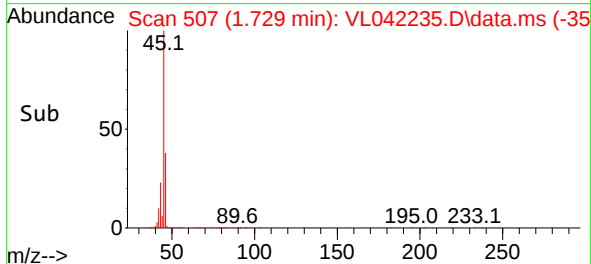
Instrument :  
MSVOA\_L  
ClientSampleId :  
SSSG-B10-4-04012025



Tgt Ion: 45 Resp: 165486  
Ion Ratio Lower Upper  
45 100  
46 37.6 20.2 80.8

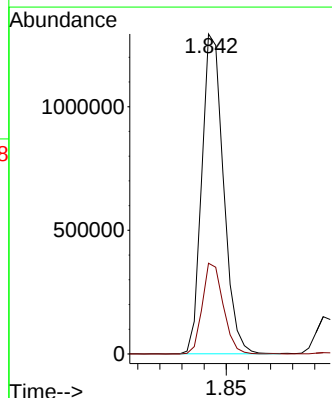
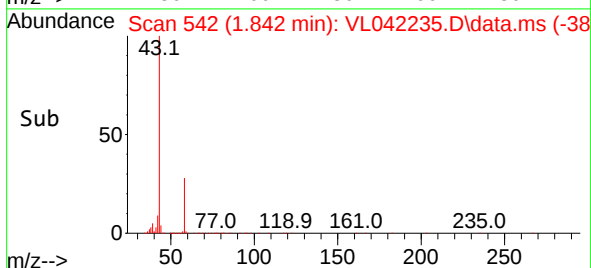
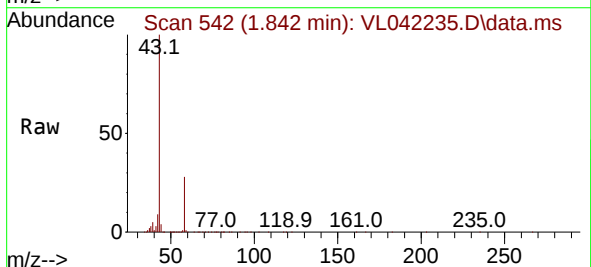
Manual Integrations  
APPROVED

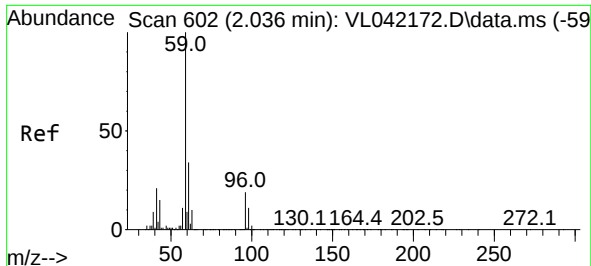
Reviewed By :Semsettin Yesilyurt 04/08/2025  
Supervised By :Mahesh Dadoda 04/09/2025



#15  
Acetone  
Concen: 31.325 ppbv  
RT: 1.842 min Scan# 542  
Delta R.T. 0.010 min  
Lab File: VL042235.D  
Acq: 07 Apr 2025 14:51

Tgt Ion: 43 Resp: 878596  
Ion Ratio Lower Upper  
43 100  
58 27.4 23.2 34.8





#17

tert-Butyl alcohol

Concen: 0.490 ppbv m

RT: 2.052 min Scan# 607

Delta R.T. 0.016 min

Lab File: VL042235.D

Acq: 07 Apr 2025 14:51

Instrument :

MSVOA\_L

ClientSampleId :

SSSG-B10-4-04012025

Tgt Ion: 59 Resp: 1712

Ion Ratio Lower Upper

59 100

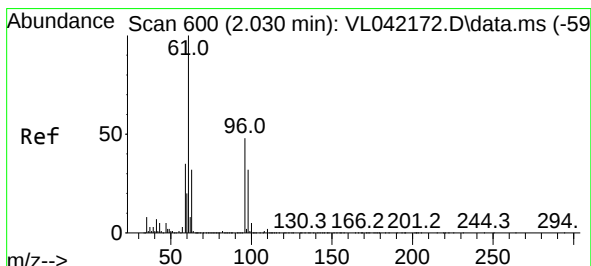
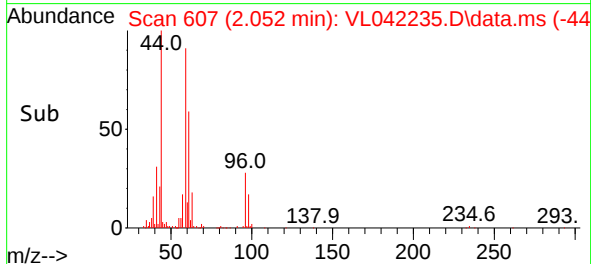
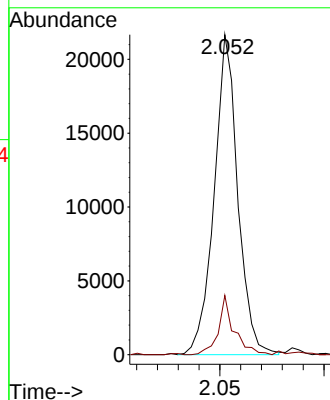
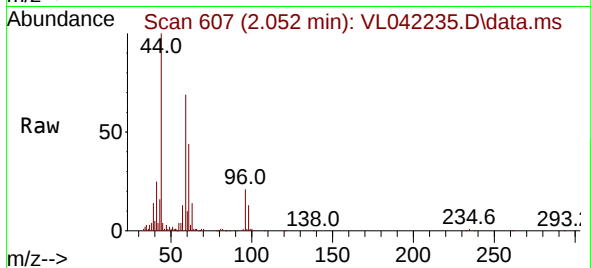
57 11.9 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/08/2025

Supervised By :Mahesh Dadoda 04/09/2025



#18

1,1-Dichloroethene

Concen: 1.554 ppbv

RT: 2.046 min Scan# 605

Delta R.T. 0.016 min

Lab File: VL042235.D

Acq: 07 Apr 2025 14:51

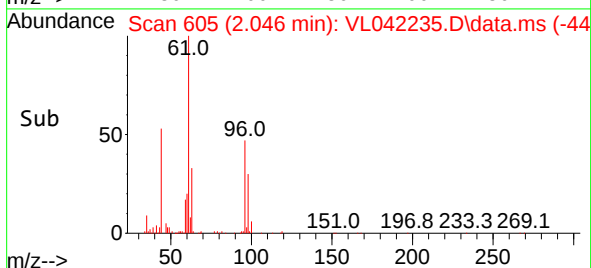
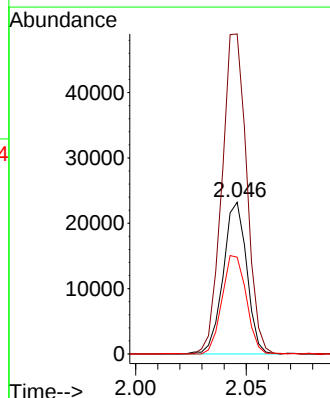
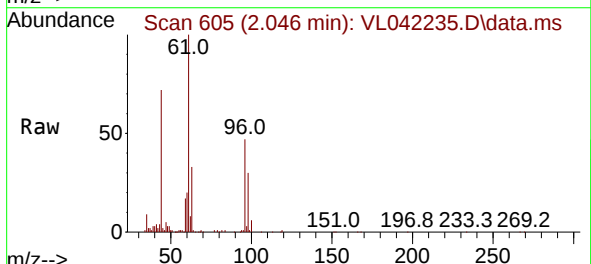
Tgt Ion: 96 Resp: 17208

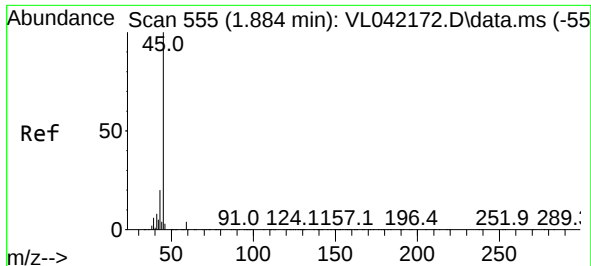
Ion Ratio Lower Upper

96 100

61 210.9 167.6 251.4

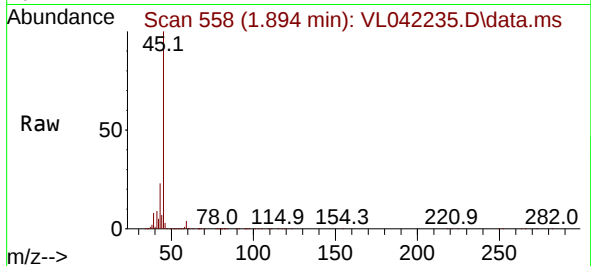
98 63.6 53.5 80.3





#19  
Isopropyl Alcohol  
Concen: 27.122 ppbv  
RT: 1.894 min Scan# 510  
Delta R.T. 0.010 min  
Lab File: VL042235.D  
Acq: 07 Apr 2025 14:51

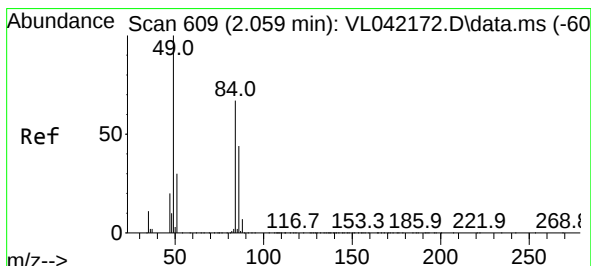
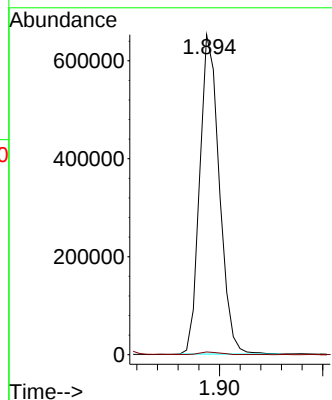
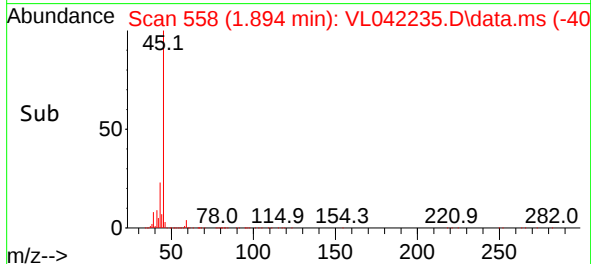
Instrument :  
MSVOA\_L  
ClientSampleId :  
SSSG-B10-4-04012025



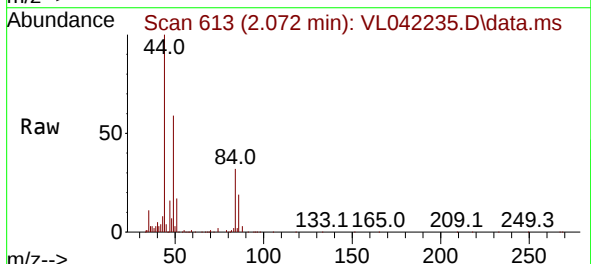
Tgt Ion: 45 Resp: 429215  
Ion Ratio Lower Upper  
45 100  
58 56.0 36.9 55.3

Manual Integrations  
APPROVED

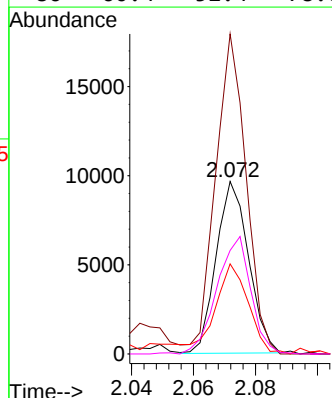
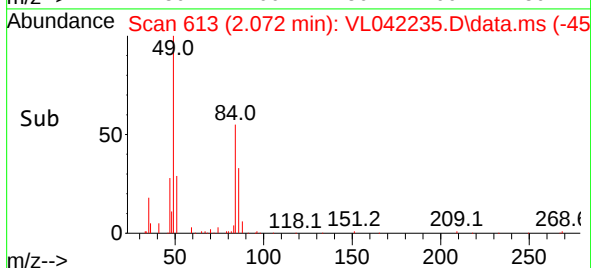
Reviewed By :Semsettin Yesilyurt 04/08/2025  
Supervised By :Mahesh Dadoda 04/09/2025

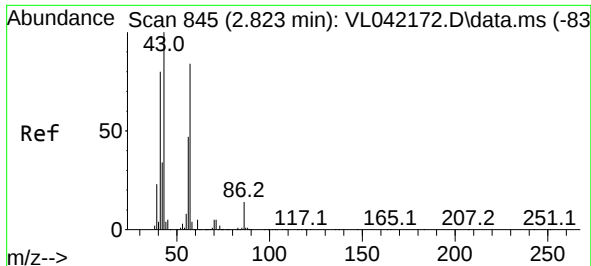


#20  
Methylene Chloride  
Concen: 0.670 ppbv  
RT: 2.072 min Scan# 613  
Delta R.T. 0.013 min  
Lab File: VL042235.D  
Acq: 07 Apr 2025 14:51



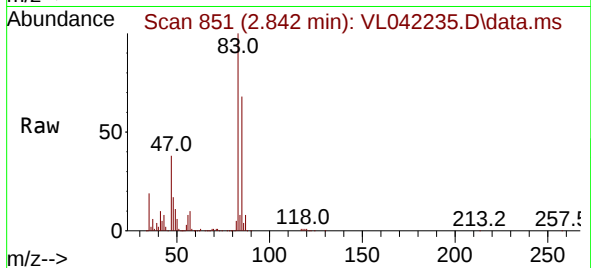
Tgt Ion: 84 Resp: 7004  
Ion Ratio Lower Upper  
84 100  
49 186.7 120.2 180.4  
51 50.8 37.4 56.0  
86 60.4 52.4 78.6





#26  
Hexane  
Concen: 0.447 ppbv  
RT: 2.842 min Scan# 845  
Delta R.T. 0.019 min  
Lab File: VL042235.D  
Acq: 07 Apr 2025 14:51

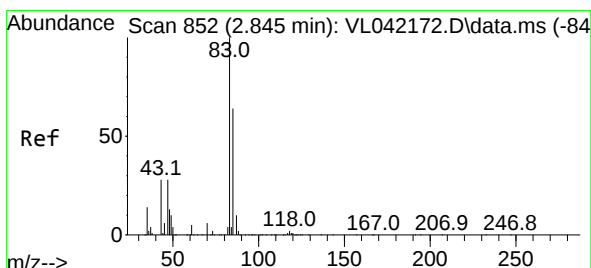
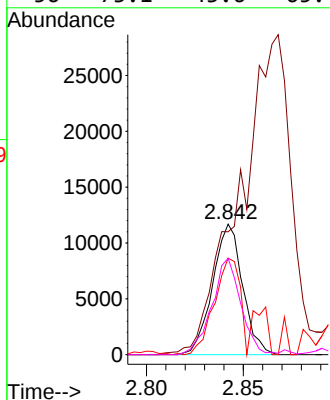
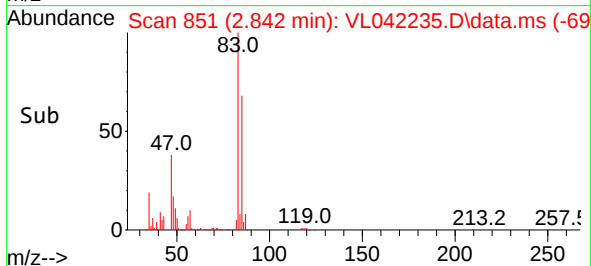
Instrument :  
MSVOA\_L  
ClientSampleId :  
SSSG-B10-4-04012025



Tgt Ion: 57 Resp: 12578  
Ion Ratio Lower Upper  
57 100  
41 455.4 76.6 114.8  
43 86.6 207.8 311.8  
56 73.1 43.6 65.4#

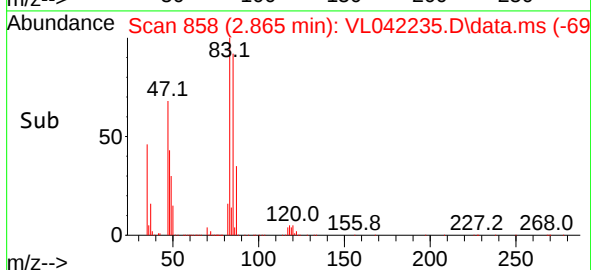
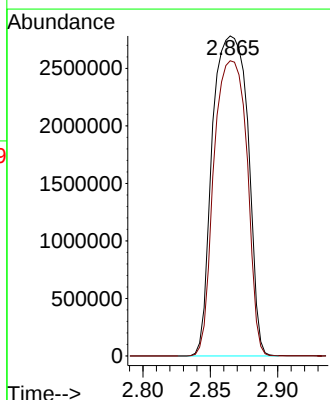
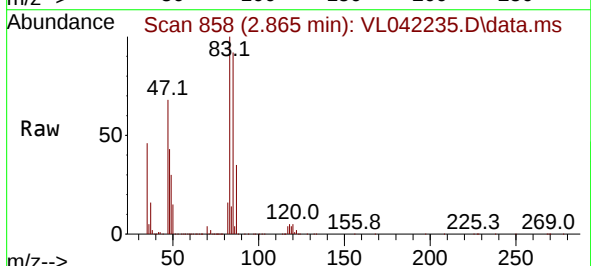
Manual Integrations  
APPROVED

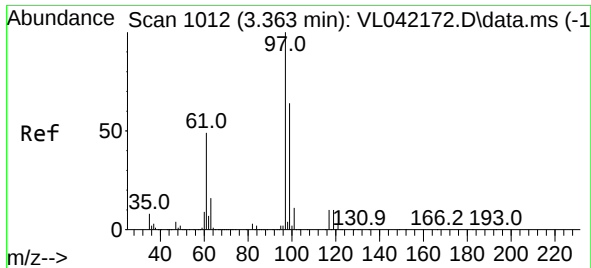
Reviewed By :Semsettin Yesilyurt 04/08/2025  
Supervised By :Mahesh Dadoda 04/09/2025



#29  
Chloroform  
Concen: 123.718 ppbv  
RT: 2.865 min Scan# 858  
Delta R.T. 0.019 min  
Lab File: VL042235.D  
Acq: 07 Apr 2025 14:51

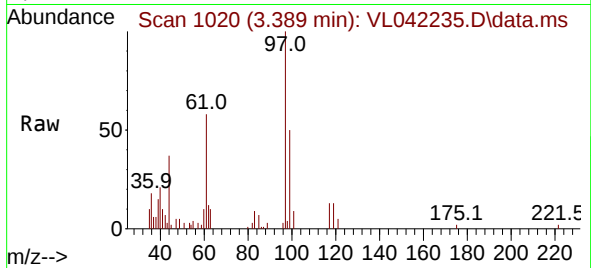
Tgt Ion: 83 Resp: 5091112  
Ion Ratio Lower Upper  
83 100  
85 92.2 51.4 77.2#





#32  
 1,1,1-Trichloroethane  
 Concen: 0.106 ppbv  
 RT: 3.389 min Scan# 1100  
 Delta R.T. 0.026 min  
 Lab File: VL042235.D  
 Acq: 07 Apr 2025 14:51

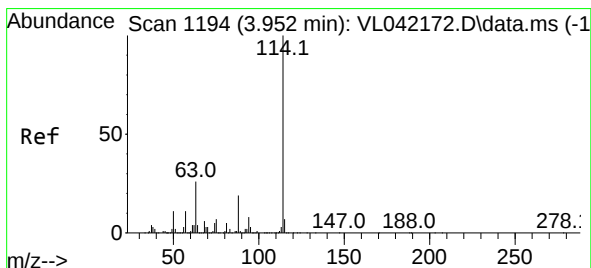
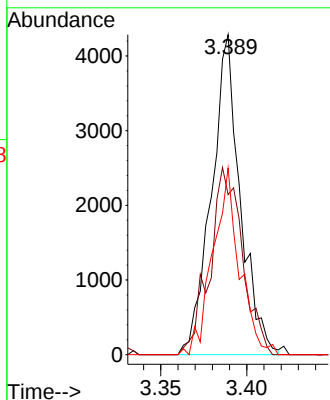
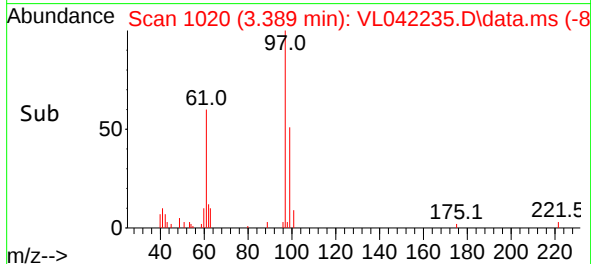
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SSSG-B10-4-04012025



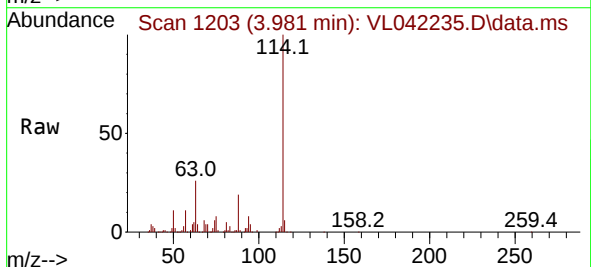
Tgt Ion: 97 Resp: 500  
 Ion Ratio Lower Upper  
 97 100  
 99 65.8 51.5 77.3  
 61 53.9 38.7 58.1

Manual Integrations  
 APPROVED

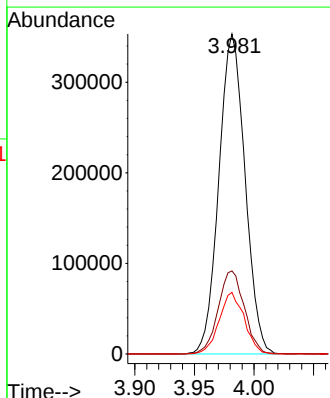
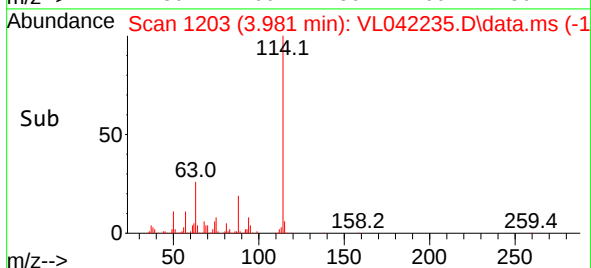
Reviewed By :Semsettin Yesilyurt 04/08/2025  
 Supervised By :Mahesh Dadoda 04/09/2025

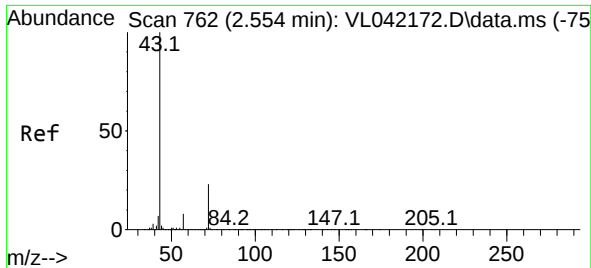


#33  
 1,4-Difluorobenzene  
 Concen: 10.000 ppbv  
 RT: 3.981 min Scan# 1203  
 Delta R.T. 0.029 min  
 Lab File: VL042235.D  
 Acq: 07 Apr 2025 14:51



Tgt Ion:114 Resp: 538469  
 Ion Ratio Lower Upper  
 114 100  
 63 25.9 20.7 31.1  
 88 18.4 15.0 22.4





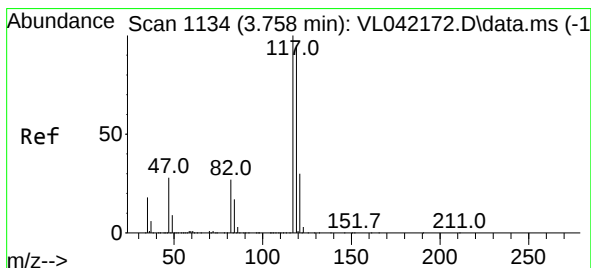
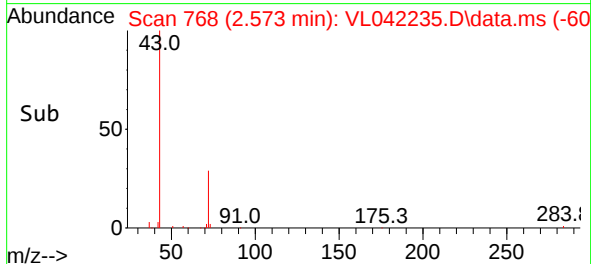
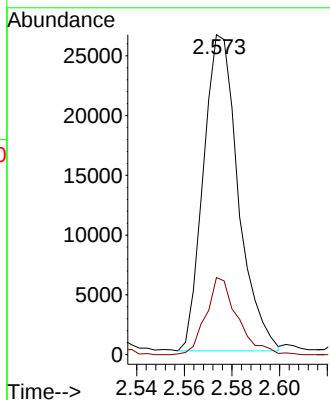
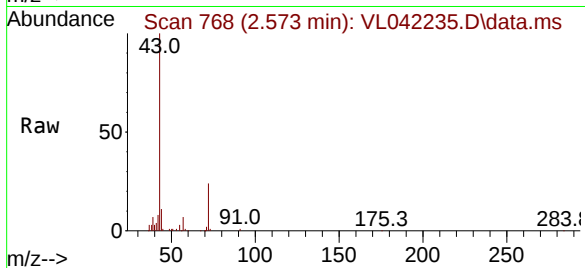
#34  
2-Butanone  
Concen: 0.690 ppbv  
RT: 2.573 min Scan# 768  
Delta R.T. 0.019 min  
Lab File: VL042235.D  
Acq: 07 Apr 2025 14:51

Instrument :  
MSVOA\_L  
ClientSampleId :  
SSSG-B10-4-04012025

Tgt Ion: 43 Resp: 26940  
Ion Ratio Lower Upper  
43 100  
72 22.0 18.2 27.2

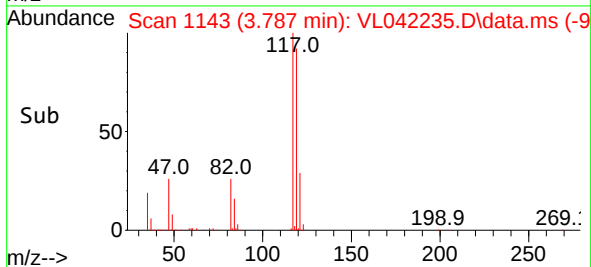
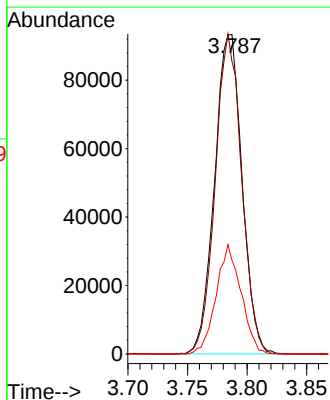
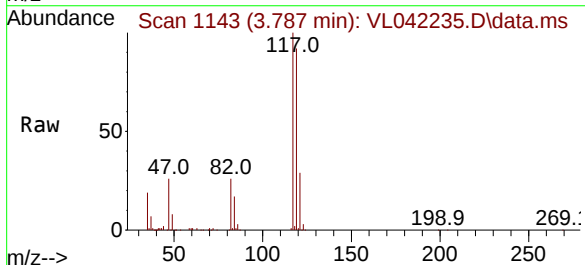
Manual Integrations  
APPROVED

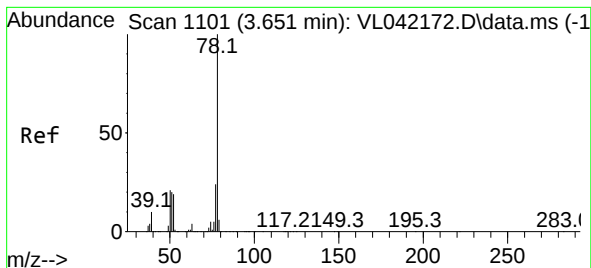
Reviewed By :Semsettin Yesilyurt 04/08/2025  
Supervised By :Mahesh Dadoda 04/09/2025



#35  
Carbon Tetrachloride  
Concen: 3.555 ppbv  
RT: 3.787 min Scan# 1143  
Delta R.T. 0.029 min  
Lab File: VL042235.D  
Acq: 07 Apr 2025 14:51

Tgt Ion:117 Resp: 149549  
Ion Ratio Lower Upper  
117 100  
119 91.6 76.2 114.2  
121 29.3 24.2 36.4





#36

Benzene

Concen: 0.242 ppbv m

RT: 3.677 min Scan# 1109

Delta R.T. 0.026 min

Lab File: VL042235.D

Acq: 07 Apr 2025 14:51

Instrument :

MSVOA\_L

ClientSampleId :

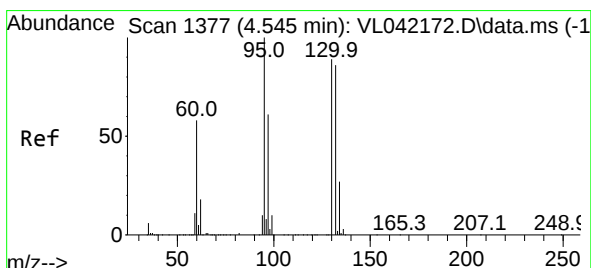
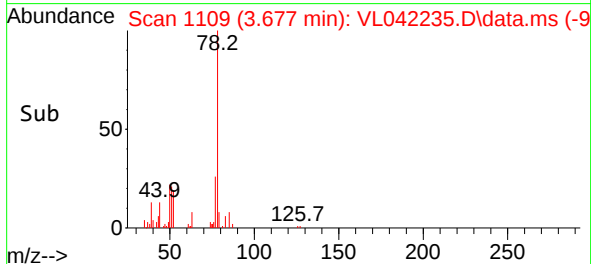
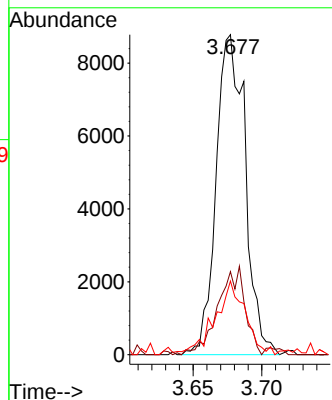
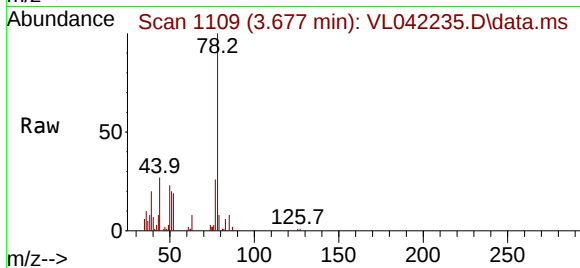
SSSG-B10-4-04012025

|             |             |
|-------------|-------------|
| Tgt Ion: 78 | Resp: 1294  |
| Ion Ratio   | Lower Upper |
| 78 100      |             |
| 77 26.0     | 19.1 28.7   |
| 50 23.0     | 16.6 24.8   |

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/08/2025  
Supervised By :Mahesh Dadoda 04/09/2025



#38

Trichloroethene

Concen: 0.916 ppbv

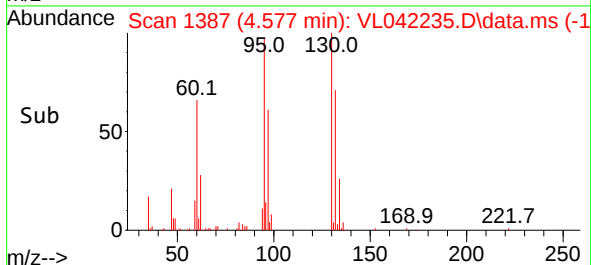
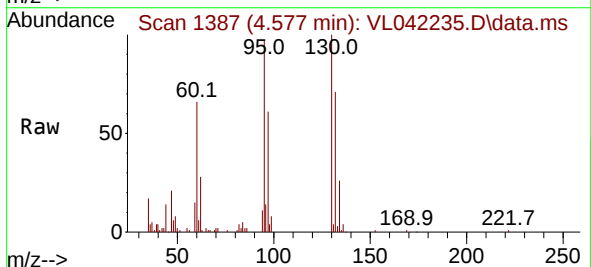
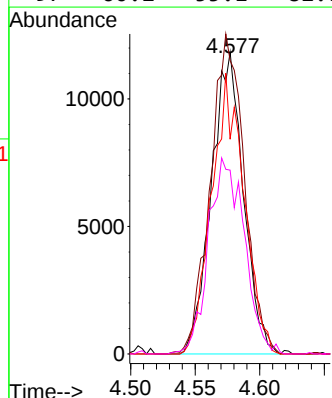
RT: 4.577 min Scan# 1387

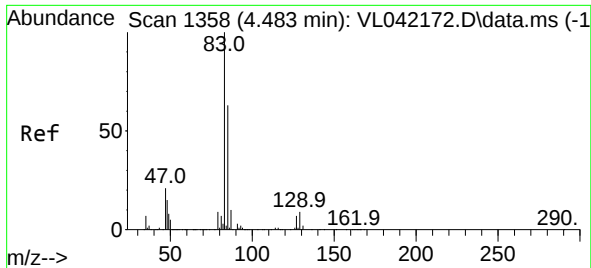
Delta R.T. 0.032 min

Lab File: VL042235.D

Acq: 07 Apr 2025 14:51

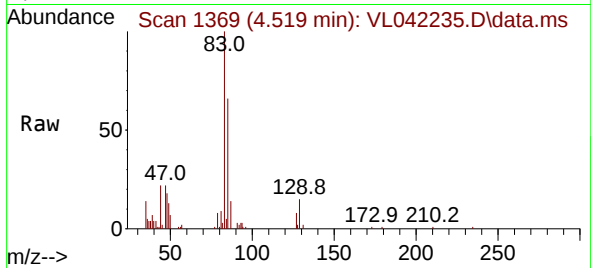
|             |             |
|-------------|-------------|
| Tgt Ion:130 | Resp: 20401 |
| Ion Ratio   | Lower Upper |
| 130 100     |             |
| 95 97.2     | 89.8 134.8  |
| 132 71.1    | 77.4 116.2  |
| 97 60.2     | 55.1 82.7   |





#42  
Bromodichloromethane  
Concen: 0.416 ppbv m  
RT: 4.519 min Scan# 11  
Delta R.T. 0.035 min  
Lab File: VL042235.D  
Acq: 07 Apr 2025 14:51

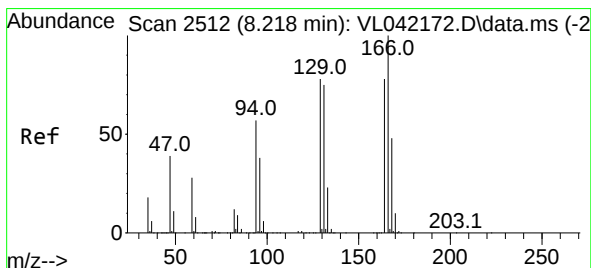
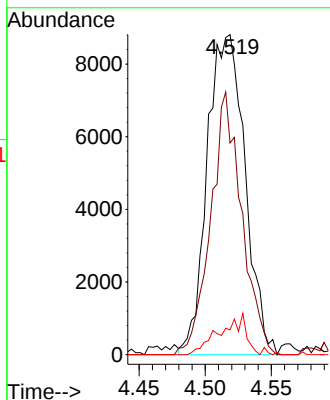
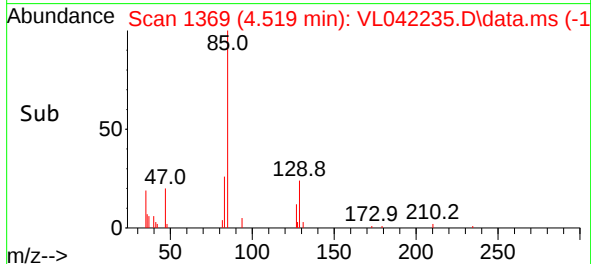
Instrument :  
MSVOA\_L  
ClientSampleId :  
SSSG-B10-4-04012025



Tgt Ion: 83 Resp: 1752  
Ion Ratio Lower Upper  
83 100  
85 66.2 50.5 75.7  
127 7.8 5.9 8.9

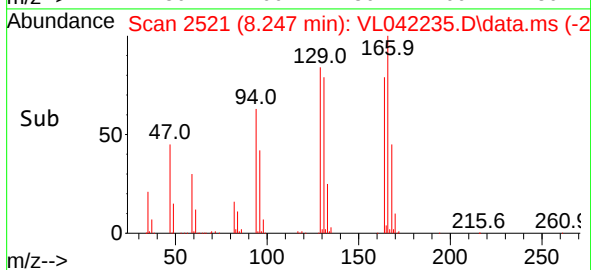
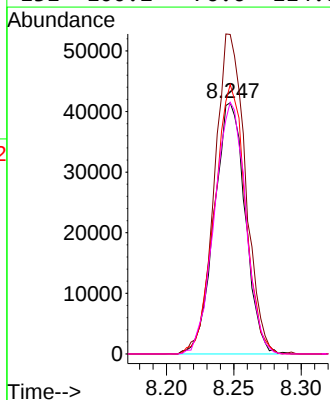
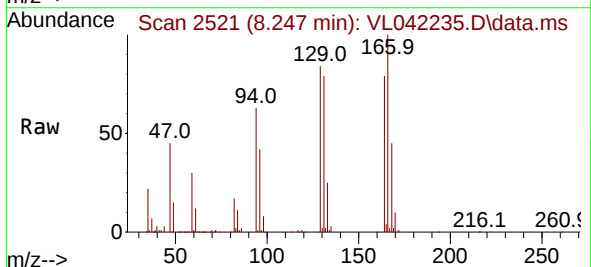
Manual Integrations  
APPROVED

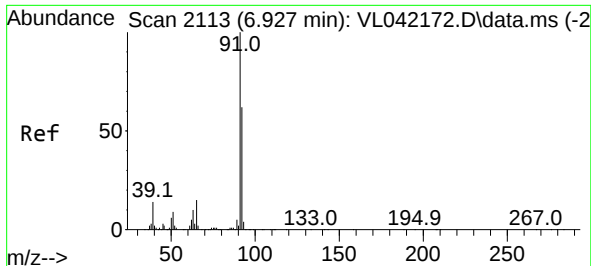
Reviewed By :Semsettin Yesilyurt 04/08/2025  
Supervised By :Mahesh Dadoda 04/09/2025



#52  
Tetrachloroethene  
Concen: 3.128 ppbv  
RT: 8.247 min Scan# 2521  
Delta R.T. 0.029 min  
Lab File: VL042235.D  
Acq: 07 Apr 2025 14:51

Tgt Ion:164 Resp: 66227  
Ion Ratio Lower Upper  
164 100  
166 127.2 102.5 153.7  
129 107.3 79.8 119.8  
131 100.2 76.6 114.8





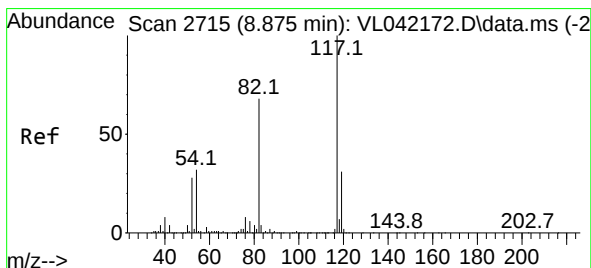
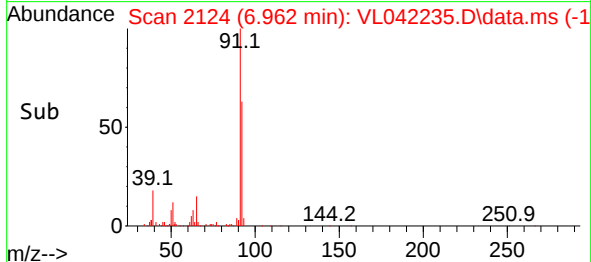
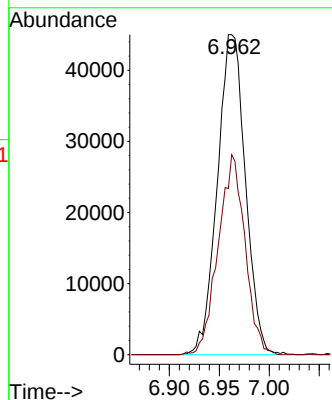
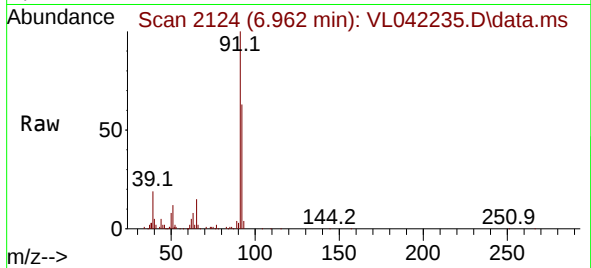
#53  
Toluene  
Concen: 1.391 ppbv  
RT: 6.962 min Scan# 2113  
Delta R.T. 0.035 min  
Lab File: VL042235.D  
Acq: 07 Apr 2025 14:51

Instrument :  
MSVOA\_L  
ClientSampleId :  
SSSG-B10-4-04012025

Tgt Ion: 91 Resp: 8802  
Ion Ratio Lower Upper  
91 100  
92 59.6 48.4 72.6

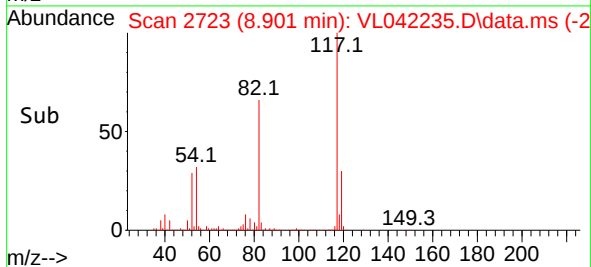
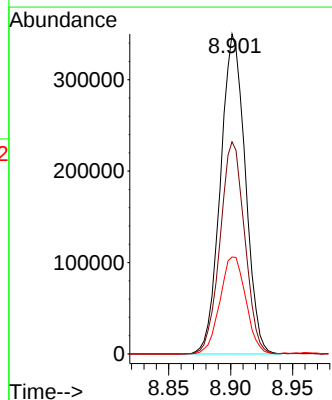
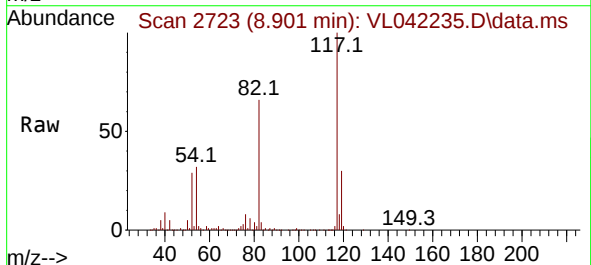
Manual Integrations  
APPROVED

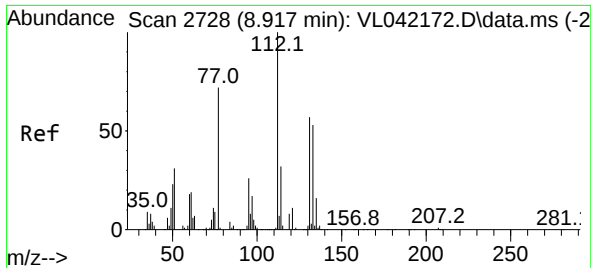
Reviewed By :Semsettin Yesilyurt 04/08/2025  
Supervised By :Mahesh Dadoda 04/09/2025



#55  
Chlorobenzene-d5  
Concen: 10.000 ppbv  
RT: 8.901 min Scan# 2723  
Delta R.T. 0.026 min  
Lab File: VL042235.D  
Acq: 07 Apr 2025 14:51

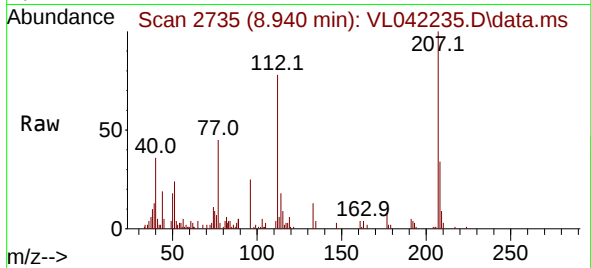
Tgt Ion:117 Resp: 487966  
Ion Ratio Lower Upper  
117 100  
82 65.9 55.8 83.6  
119 31.7 25.5 38.3





#57  
Chlorobenzene  
Concen: 0.155 ppbv m  
RT: 8.940 min Scan# 2168  
Delta R.T. 0.023 min  
Lab File: VL042235.D  
Acq: 07 Apr 2025 14:51

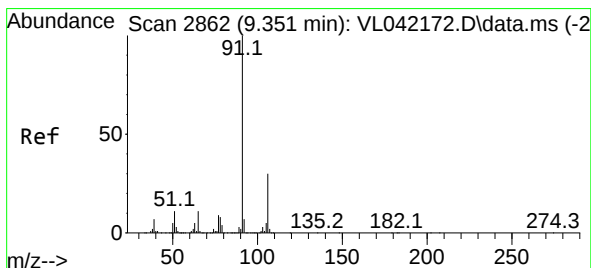
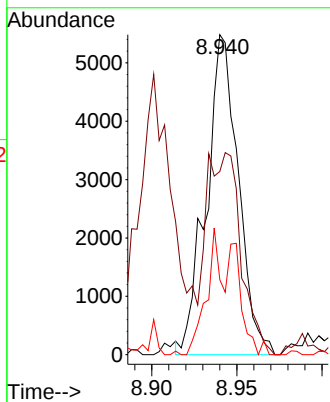
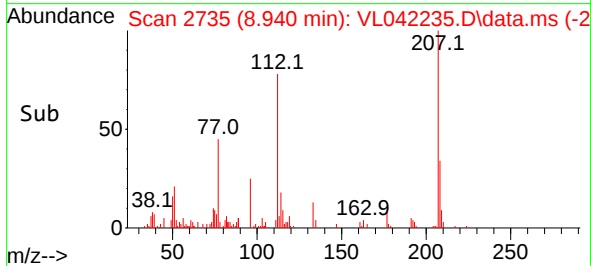
Instrument : MSVOA\_L  
ClientSampleId : SSSG-B10-4-04012025



Tgt Ion: 112 Resp: 7168  
Ion Ratio Lower Upper  
112 100  
77 57.3 58.2 87.2  
114 23.4 29.1 35.5

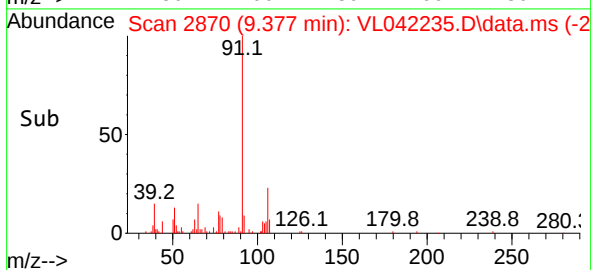
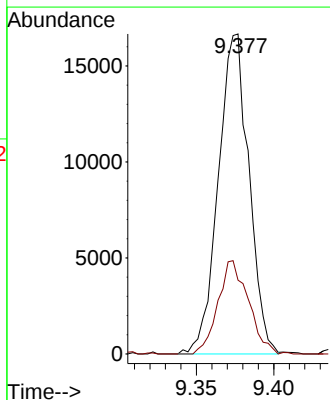
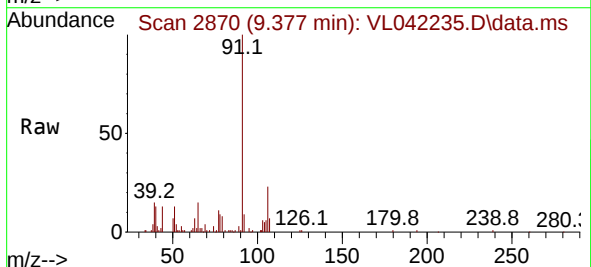
Manual Integrations  
APPROVED

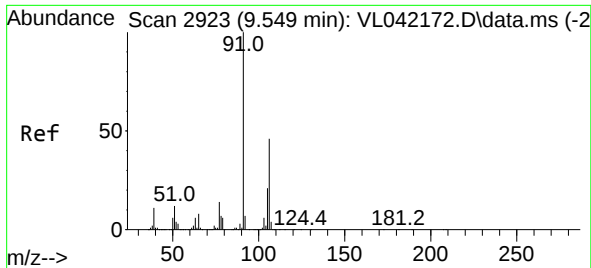
Reviewed By :Semsettin Yesilyurt 04/08/2025  
Supervised By :Mahesh Dadoda 04/09/2025



#58  
Ethyl Benzene  
Concen: 0.265 ppbv  
RT: 9.377 min Scan# 2870  
Delta R.T. 0.026 min  
Lab File: VL042235.D  
Acq: 07 Apr 2025 14:51

Tgt Ion: 91 Resp: 22956  
Ion Ratio Lower Upper  
91 100  
106 23.1 24.2 36.2





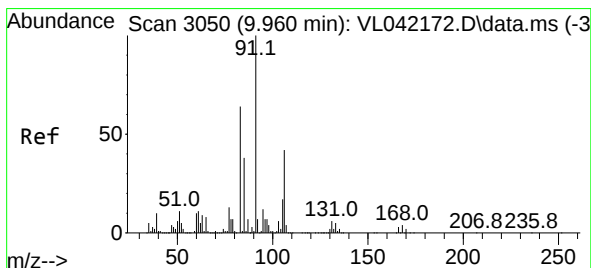
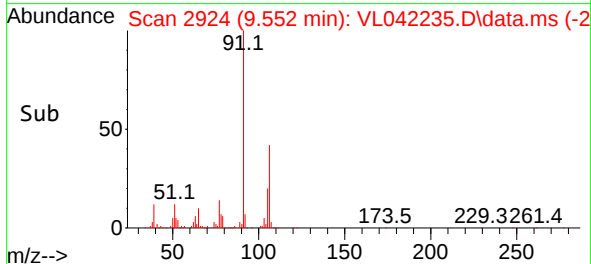
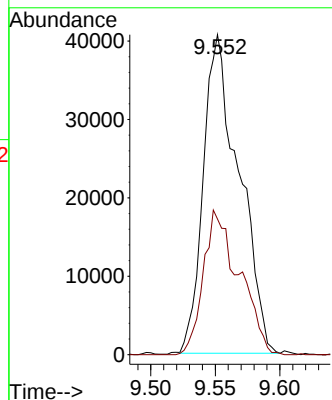
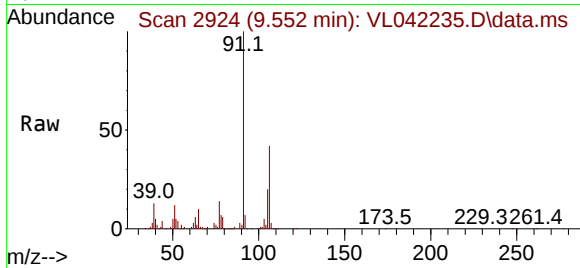
#59  
m/p-Xylene  
Concen: 1.131 ppbv  
RT: 9.552 min Scan# 2924  
Delta R.T. 0.003 min  
Lab File: VL042235.D  
Acq: 07 Apr 2025 14:51

Instrument :  
MSVOA\_L  
ClientSampleId :  
SSSG-B10-4-04012025

Tgt Ion: 91 Resp: 7824  
Ion Ratio Lower Upper  
91 100  
106 45.6 36.4 54.6

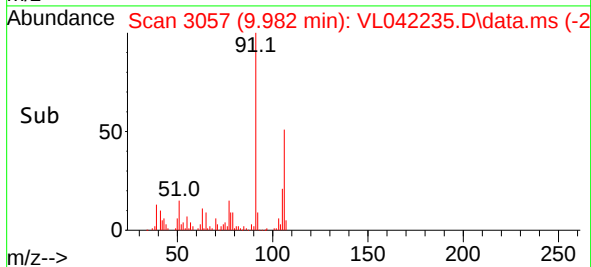
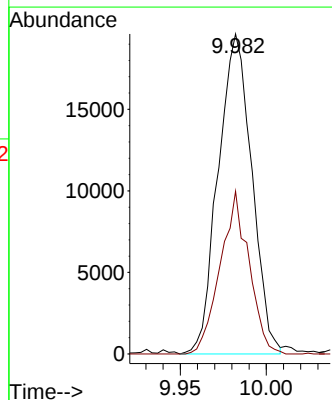
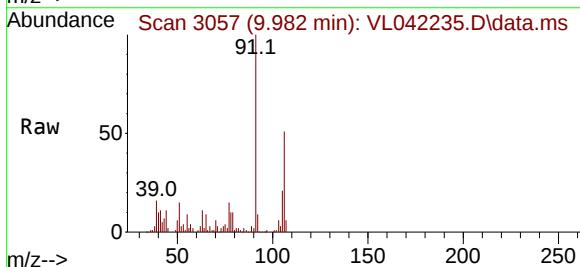
Manual Integrations  
APPROVED

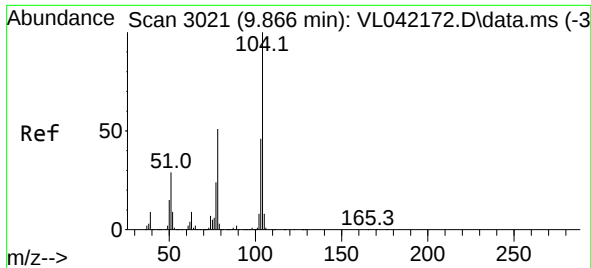
Reviewed By :Semsettin Yesilyurt 04/08/2025  
Supervised By :Mahesh Dadoda 04/09/2025



#60  
o-Xylene  
Concen: 0.385 ppbv  
RT: 9.982 min Scan# 3057  
Delta R.T. 0.023 min  
Lab File: VL042235.D  
Acq: 07 Apr 2025 14:51

Tgt Ion: 91 Resp: 26678  
Ion Ratio Lower Upper  
91 100  
106 43.4 20.8 62.5





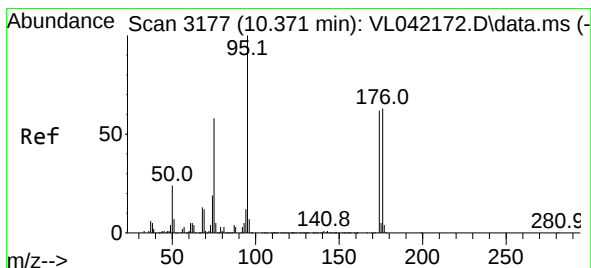
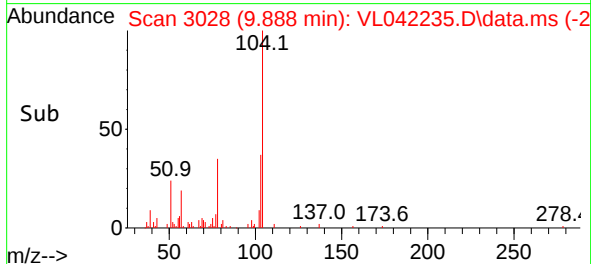
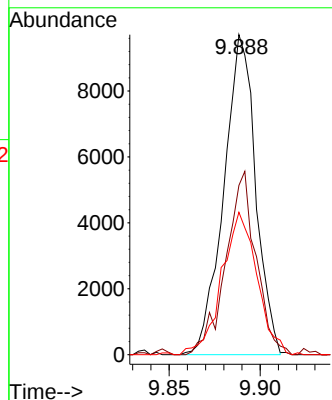
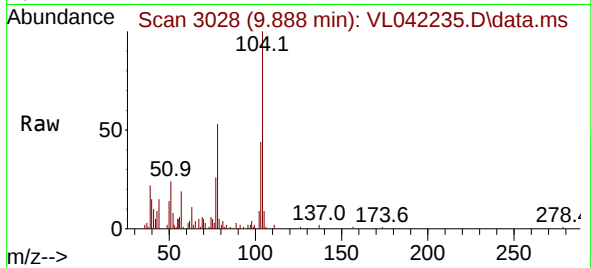
#61  
Styrene  
Concen: 0.344 ppbv  
RT: 9.888 min Scan# 3021  
Delta R.T. 0.023 min  
Lab File: VL042235.D  
Acq: 07 Apr 2025 14:51

Instrument :  
MSVOA\_L  
ClientSampleId :  
SSSG-B10-4-04012025

Tgt Ion:104 Resp: 11790  
Ion Ratio Lower Upper  
104 100  
78 55.6 41.8 62.6  
103 49.4 37.0 55.4

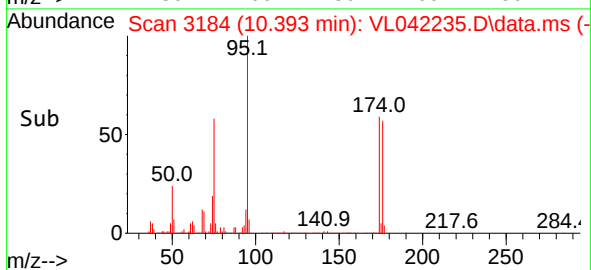
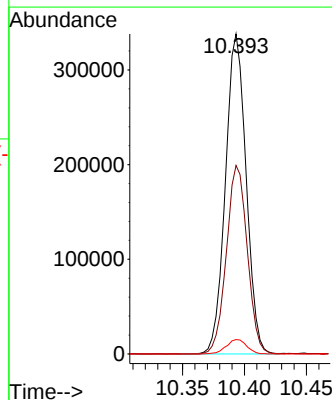
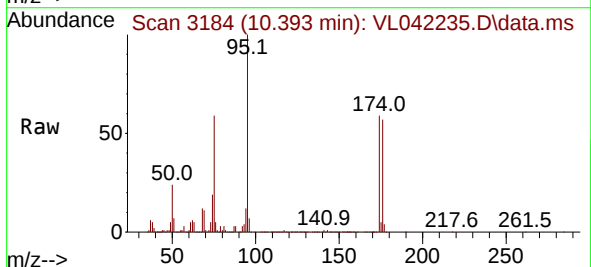
Manual Integrations  
APPROVED

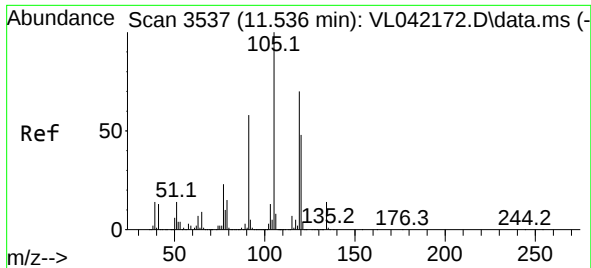
Reviewed By :Semsettin Yesilyurt 04/08/2025  
Supervised By :Mahesh Dadoda 04/09/2025



#68  
1-Bromo-4-Fluorobenzene  
Concen: 9.805 ppbv  
RT: 10.393 min Scan# 3184  
Delta R.T. 0.023 min  
Lab File: VL042235.D  
Acq: 07 Apr 2025 14:51

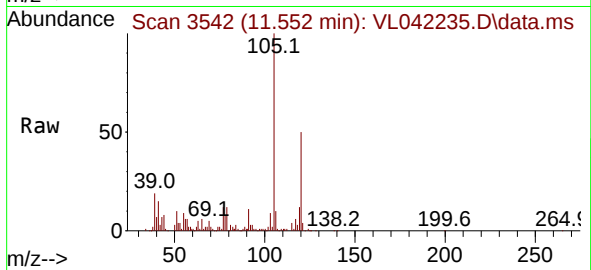
Tgt Ion: 95 Resp: 392922  
Ion Ratio Lower Upper  
95 100  
174 59.8 50.6 76.0  
175 4.5 3.8 5.6





#74  
 1,2,4-Trimethylbenzene  
 Concen: 0.381 ppbv  
 RT: 11.552 min Scan# 3542  
 Delta R.T. 0.016 min  
 Lab File: VL042235.D  
 Acq: 07 Apr 2025 14:51

Instrument : MSVOA\_L  
 ClientSampleId : SSSG-B10-4-04012025



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 33120 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 120       | 50.0  | 38.6  | 58.0  |
| 91        | 10.1  | 46.2  | 69.2  |
| 77        | 10.8  | 18.6  | 27.8  |

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/08/2025  
 Supervised By :Mahesh Dadoda 04/09/2025

