

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_L\DATA\VL032322\  
 Data File : VL038747.D  
 Acq On : 24 Mar 2022 12:05  
 Operator : SY/AP  
 Sample : VSTDCCC010  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 VSTDCCC010EC

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/27/2022  
 Supervised By :Mahesh Dadoda 03/28/2022

Quant Time: Mar 26 11:00:40 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_L\METHODS\VL032122A

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Mon Mar 21 17:09:26 2022

Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.67  | 49   | 871871   | 10.00 | ppbv  | 0.01     |
| 33) 1,4-Difluorobenzene | 7.18  | 114  | 2473915  | 10.00 | ppbv  | 0.01     |
| 55) Chlorobenzene-d5    | 12.09 | 117  | 2257083m | 10.00 | ppbv  | 0.01     |

#### System Monitoring Compounds

|                             |        |       |          |          |      |        |
|-----------------------------|--------|-------|----------|----------|------|--------|
| 68) 1-Bromo-4-Fluorobenzene | 14.41  | 95    | 1672993  | 9.67     | ppbv | 0.00   |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 96.70% |

#### Target Compounds

|                                |      |     |         |       |        | Qvalue |
|--------------------------------|------|-----|---------|-------|--------|--------|
| 2) Dichlorodifluoromethane     | 3.06 | 85  | 1144920 | 9.77  | ppbv   | 98     |
| 3) Chlorodifluoromethane       | 3.00 | 51  | 917774  | 9.97  | ppbv   | 99     |
| 4) Chloromethane               | 3.15 | 50  | 474904  | 9.39  | ppbv   | 99     |
| 5) Vinyl Chloride              | 3.27 | 62  | 476211  | 9.27  | ppbv   | 96     |
| 6) Bromomethane                | 3.48 | 94  | 268176  | 9.79  | ppbv   | 98     |
| 7) Chloroethane                | 3.56 | 64  | 162744  | 9.57  | ppbv   | 100    |
| 8) Dichlorotetrafluoroethane   | 3.20 | 85  | 1106916 | 9.46  | ppbv   | 93     |
| 9) Propene                     | 3.02 | 41  | 436466  | 9.82  | ppbv   | 99     |
| 10) Heptane                    | 8.12 | 43  | 1060494 | 9.98  | ppbv   | 99     |
| 11) Trichlorofluoromethane     | 3.96 | 101 | 996524  | 9.63  | ppbv   | 99     |
| 12) 1,1,2-Trichlorotrifluoroet | 4.49 | 101 | 779682  | 9.79  | ppbv   | 96     |
| 13) Ethanol                    | 3.62 | 45  | 24661m  | 5.03  | ppbv   |        |
| 14) Bromoethene                | 3.74 | 108 | 358296  | 10.12 | ppbv   | 98     |
| 15) Acetone                    | 3.85 | 43  | 693161  | 9.21  | ppbv   | 97     |
| 16) 1,3-Butadiene              | 3.34 | 39  | 417622  | 9.78  | ppbv   | 99     |
| 17) tert-Butyl alcohol         | 4.29 | 59  | 772887  | 11.76 | ppbv   | 100    |
| 18) 1,1-Dichloroethene         | 4.29 | 96  | 349356  | 9.77  | ppbv   | 97     |
| 19) Isopropyl Alcohol          | 3.97 | 45  | 397755  | 9.54  | ppbv # | 1      |
| 20) Methylene Chloride         | 4.35 | 84  | 290664  | 9.17  | ppbv   | 99     |
| 21) Allyl Chloride             | 4.42 | 41  | 556702  | 10.28 | ppbv   | 98     |
| 22) trans-1,2-Dichloroethene   | 4.89 | 96  | 392659  | 10.58 | ppbv   | 98     |
| 23) Vinyl Acetate              | 5.08 | 43  | 548204  | 7.53  | ppbv   | 98     |
| 24) 1,1-Dichloroethane         | 5.02 | 63  | 700099  | 9.76  | ppbv   | 99     |
| 25) Ethyl Acetate              | 5.68 | 43  | 2053298 | 10.84 | ppbv   | 99     |
| 26) Hexane                     | 5.69 | 57  | 826963  | 9.75  | ppbv   | 91     |
| 27) Carbon Disulfide           | 4.56 | 76  | 915973  | 11.01 | ppbv   | 99     |
| 28) Methyl tert-Butyl Ether    | 5.04 | 73  | 697829  | 11.05 | ppbv   | 100    |
| 29) Chloroform                 | 5.76 | 83  | 1303331 | 9.60  | ppbv   | 98     |
| 30) Cyclohexane                | 7.13 | 84  | 729080  | 9.89  | ppbv   | 97     |
| 31) cis-1,2-Dichloroethene     | 5.56 | 61  | 811560  | 10.18 | ppbv   | 97     |
| 32) 1,1,1-Trichloroethane      | 6.51 | 97  | 1306411 | 9.97  | ppbv   | 98     |
| 34) 2-Butanone                 | 5.25 | 43  | 823346  | 8.41  | ppbv   | 98     |
| 35) Carbon Tetrachloride       | 7.02 | 117 | 1366705 | 9.52  | ppbv   | 98     |
| 36) Benzene                    | 6.89 | 78  | 1793856 | 9.40  | ppbv   | 99     |
| 37) 1,2-Dichloroethane         | 6.31 | 62  | 904829  | 9.32  | ppbv   | 99     |
| 38) Trichloroethene            | 7.83 | 130 | 737080  | 9.22  | ppbv   | 98     |
| 39) 1,2-Dichloropropane        | 7.62 | 63  | 676272  | 9.06  | ppbv   | 96     |
| 40) 1,4-Dioxane                | 7.83 | 88  | 241868  | 9.33  | ppbv   | 98     |
| 41) Tetrahydrofuran            | 6.05 | 42  | 701207  | 9.62  | ppbv   | 99     |
| 42) Bromodichloromethane       | 7.79 | 83  | 1399646 | 9.61  | ppbv   | 100    |
| 43) Methyl Methacrylate        | 8.01 | 69  | 766302  | 10.81 | ppbv   | 98     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_L\DATA\VL032322\  
 Data File : VL038747.D  
 Acq On : 24 Mar 2022 12:05  
 Operator : SY/AP  
 Sample : VSTDCCC010  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 VSTDCCC010EC

Manual Integrations  
 APPROVED

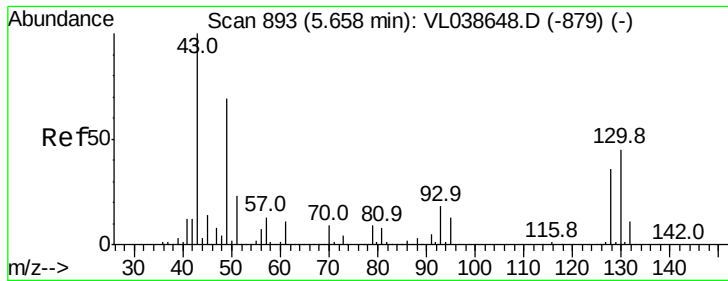
Reviewed By : Semsettin Yesilyurt 03/27/2022  
 Supervised By : Mahesh Dadoda 03/28/2022

Quant Time: Mar 26 11:00:40 2022  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_L\METHODS\VL032122A  
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument:  
 QLast Update : Mon Mar 21 17:09:26 2022  
 Response via : Initial Calibration

| Internal Standards            | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|-------|------|----------|-------|-------|----------|
| 44) 2,2,4-Trimethylpentane    | 7.87  | 57   | 2865366  | 8.94  | ppbv  | 100      |
| 45) t-1,3-Dichloropropene     | 9.28  | 75   | 838929   | 11.64 | ppbv  | 100      |
| 46) cis-1,3-Dichloropropene   | 8.71  | 75   | 1026297  | 10.53 | ppbv  | 97       |
| 47) 1,1,2-Trichloroethane     | 9.48  | 97   | 736365   | 9.24  | ppbv  | 99       |
| 48) Dibromochloromethane      | 10.30 | 129  | 1273993  | 10.21 | ppbv  | 100      |
| 49) Bromoform                 | 13.04 | 173  | 1067067  | 10.49 | ppbv  | 100      |
| 50) 4-Methyl-2-Pentanone      | 8.74  | 43   | 1724401  | 9.47  | ppbv  | 99       |
| 51) 2-Hexanone                | 10.13 | 43   | 1342138  | 10.26 | ppbv  | 99       |
| 52) Tetrachloroethene         | 11.22 | 164  | 679478   | 9.72  | ppbv  | 98       |
| 53) Toluene                   | 9.81  | 91   | 2040269  | 9.94  | ppbv  | 100      |
| 54) 1,2-Dibromoethane         | 10.61 | 107  | 1090867  | 10.03 | ppbv  | 99       |
| 56) 1,1,1,2-Tetrachloroethane | 12.12 | 131  | 920852   | 9.84  | ppbv  | 98       |
| 57) Chlorobenzene             | 12.15 | 112  | 1495694  | 9.19  | ppbv  | 97       |
| 58) Ethyl Benzene             | 12.71 | 91   | 2660732  | 10.08 | ppbv  | 99       |
| 59) m/p-Xylene                | 13.00 | 91   | 4396665m | 19.05 | ppbv  |          |
| 60) o-Xylene                  | 13.69 | 91   | 2084587  | 9.51  | ppbv  | 99       |
| 61) Styrene                   | 13.53 | 104  | 1310197  | 11.02 | ppbv  | 99       |
| 62) Isopropylbenzene          | 14.67 | 105  | 3281365  | 9.96  | ppbv  | 99       |
| 63) 1,1,2,2-Tetrachloroethane | 13.67 | 83   | 1447494  | 8.53  | ppbv  | 99       |
| 64) n-propylbenzene           | 15.56 | 120  | 892957   | 10.33 | ppbv  | 97       |
| 65) tert-Butylbenzene         | 16.74 | 119  | 2882966  | 9.74  | ppbv  | 99       |
| 66) Benzyl Chloride           | 16.99 | 91   | 656978   | 11.72 | ppbv  | 100      |
| 67) sec-Butylbenzene          | 17.29 | 105  | 4125502  | 9.74  | ppbv  | 99       |
| 69) p-Isopropyltoluene        | 17.65 | 119  | 3440249  | 9.96  | ppbv  | 100      |
| 70) n-Butylbenzene            | 18.55 | 91   | 3460334  | 9.71  | ppbv  | 100      |
| 71) 2-Chlorotoluene           | 15.45 | 91   | 2446848  | 10.01 | ppbv  | 99       |
| 72) 4-Ethyltoluene            | 15.84 | 105  | 2603231  | 10.06 | ppbv  | 99       |
| 73) 1,3,5-Trimethylbenzene    | 16.00 | 105  | 2246194  | 9.53  | ppbv  | 97       |
| 74) 1,2,4-Trimethylbenzene    | 16.76 | 105  | 2363404  | 9.20  | ppbv  | 98       |
| 75) 1,3-Dichlorobenzene       | 17.00 | 146  | 1509404  | 9.23  | ppbv  | 99       |
| 76) 1,4-Dichlorobenzene       | 17.14 | 146  | 1473123  | 9.06  | ppbv  | 99       |
| 77) 1,2-Dichlorobenzene       | 17.82 | 146  | 1462473  | 9.03  | ppbv  | 100      |
| 78) Hexachloro-1,3-Butadiene  | 23.37 | 225  | 1104837  | 7.38  | ppbv  | 99       |
| 79) Naphthalene               | 22.19 | 128  | 2008656  | 10.24 | ppbv  | 99       |
| 80) Naphthalene,2-methyl-     | 24.97 | 142  | 540884   | 10.28 | ppbv  | 99       |
| 81) 1,2,4-Trichlorobenzene    | 21.92 | 180  | 1146559  | 8.54  | ppbv  | 99       |

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



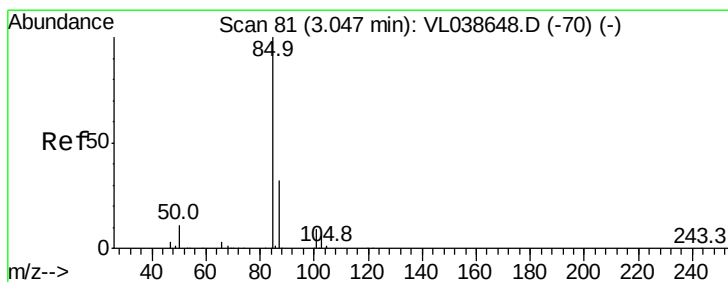
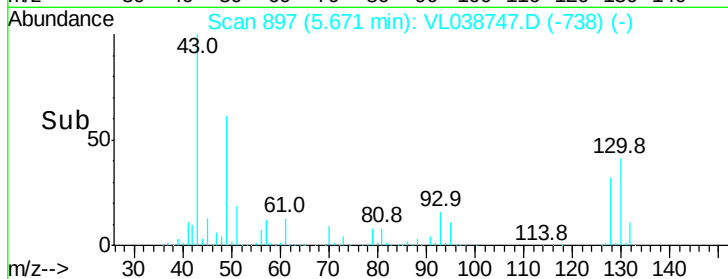
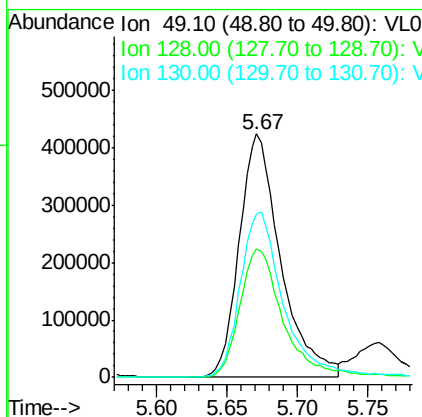
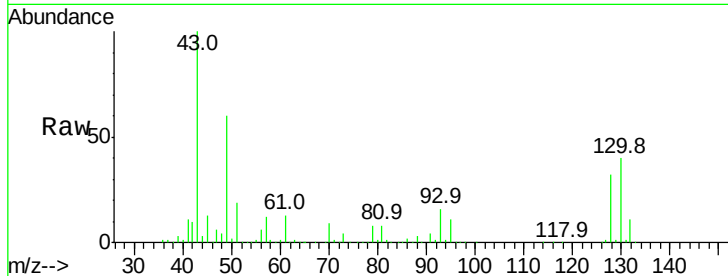


#1  
 Bromochloromethane  
 Concen: 10.00 ppbv  
 RT: 5.67  
 Instrument: MSVOA\_L  
 Delta R.T.:  
 Lab File: ClientSampleId :  
 VSTDCCC010EC  
 Acq: 24 Mar 2022 12:05

Tgt Ion:  
 Ion Ratio  
 49 100  
 128 56.  
 130 72.

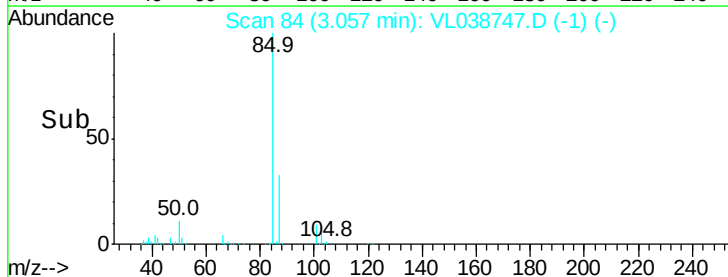
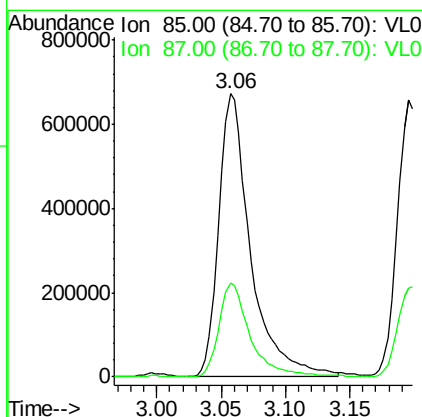
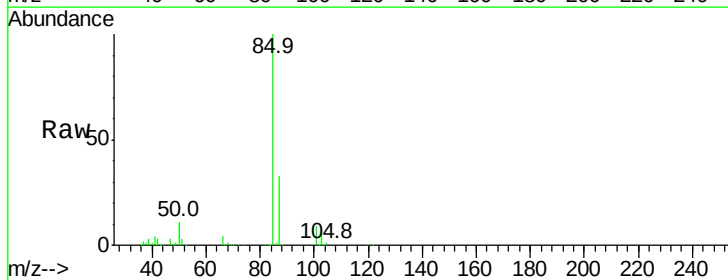
Manual Integrations  
 APPROVED

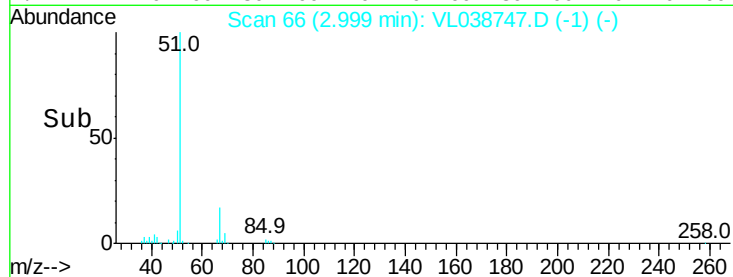
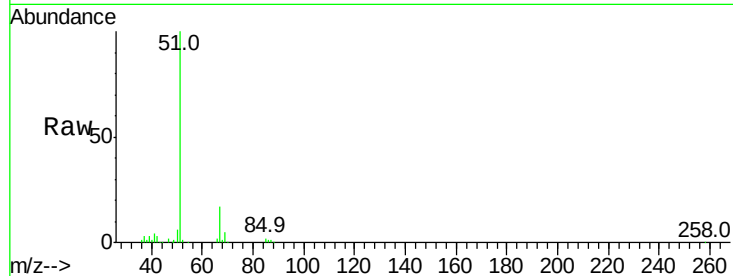
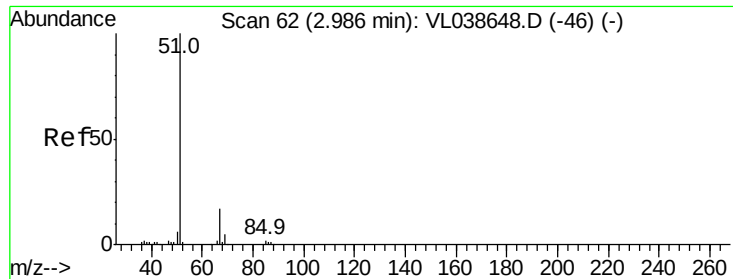
Reviewed By :Semsettin Yesilyurt 03/27/2022  
 Supervised By :Mahesh Dadoda 03/28/2022



#2  
 Dichlorodifluoromethane  
 Concen: 9.77 ppbv  
 RT: 3.06 min Scan# 84  
 Delta R.T. 0.01 min  
 Lab File: VL038747.D  
 Acq: 24 Mar 2022 12:05

Tgt Ion: 85 Resp: 1144920  
 Ion Ratio Lower Upper  
 85 100  
 87 33.4 26.0 39.0





#3

Chlorodifluoromethane

Concen: 9.97 ppbv

RT: 3.00

Instrument: MSVOA\_L

Delta R.T. 0.01 min

Lab File: ClientSampleId: VSTDCCC010EC

Acq: 24 Mar 2022 12:05

Tgt Ion: 51

Ion Ratio: 100

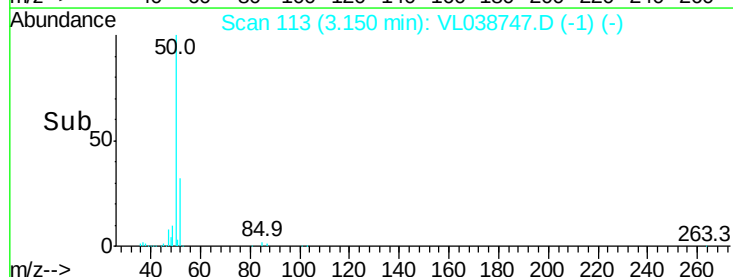
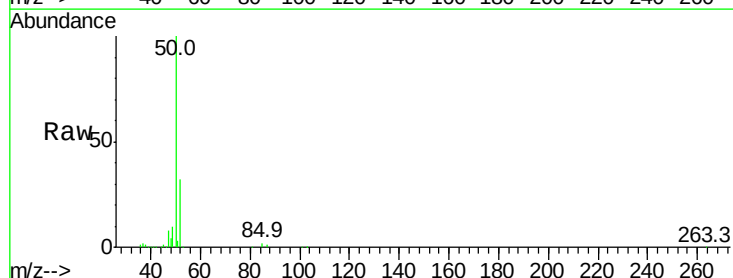
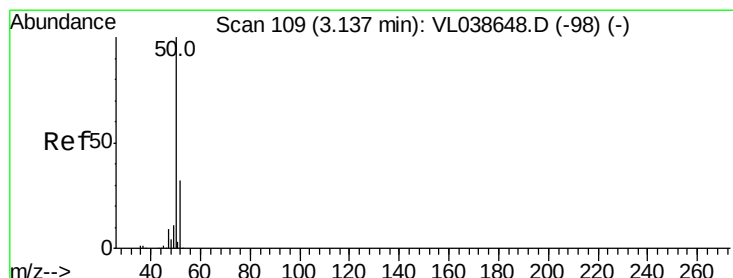
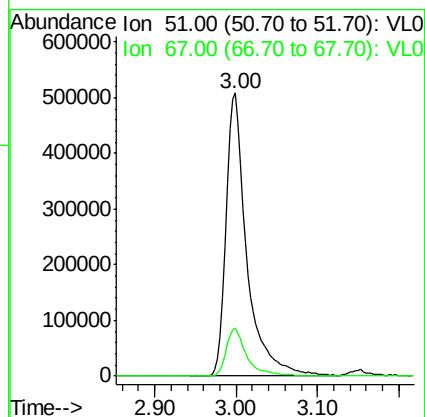
67 17.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/27/2022

Supervised By :Mahesh Dadoda 03/28/2022



#4

Chloromethane

Concen: 9.39 ppbv

RT: 3.15 min Scan# 113

Delta R.T. 0.01 min

Lab File: VL038747.D

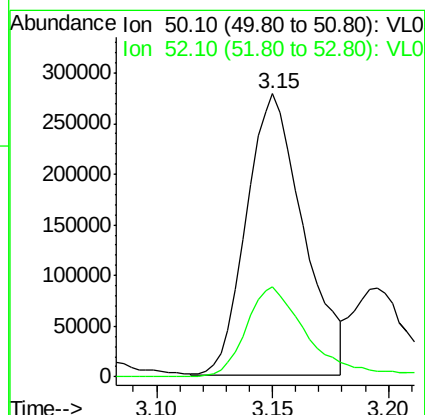
Acq: 24 Mar 2022 12:05

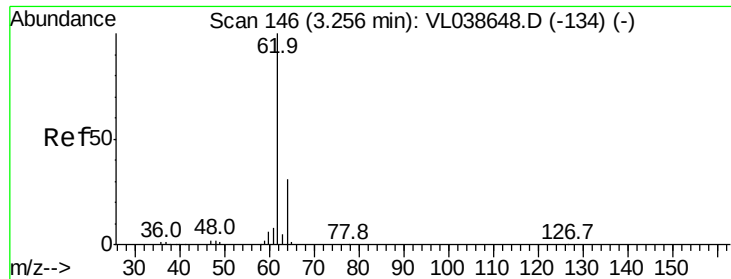
Tgt Ion: 50 Resp: 474904

Ion Ratio Lower Upper

50 100

52 32.3 25.5 38.3



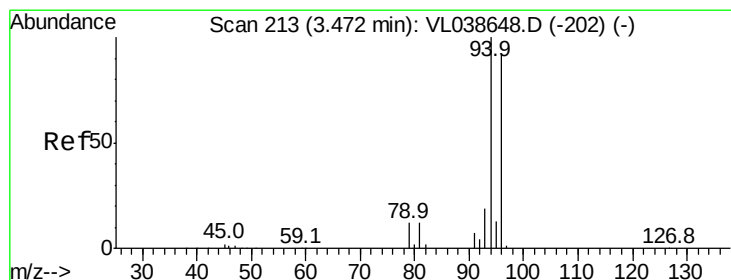
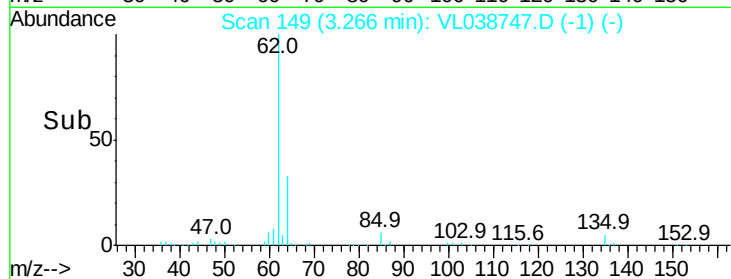
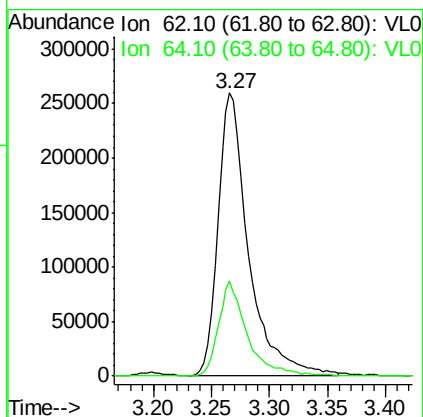
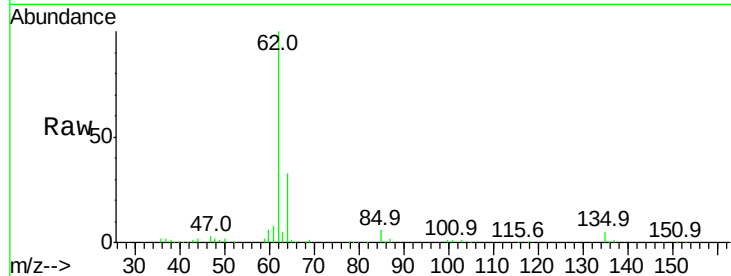


#5  
 Vinyl Chloride  
 Concen: 9.27 ppbv  
 RT: 3.27  
 Delta R.T. MSVOA\_L  
 Lab File: ClientSampleId :  
 VSTDCCC010EC  
 Acq: 24 Mar 2022 12:05

Tgt Ion: 62.10 (61.80 to 62.80): VL0  
 Ion Ratio 62 100  
 64 33.

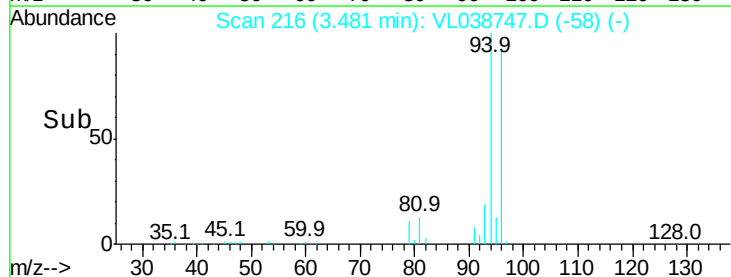
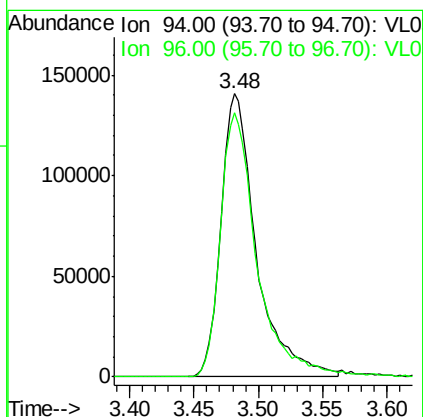
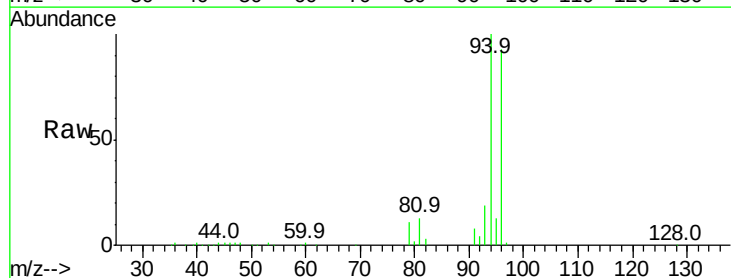
Manual Integrations  
 APPROVED

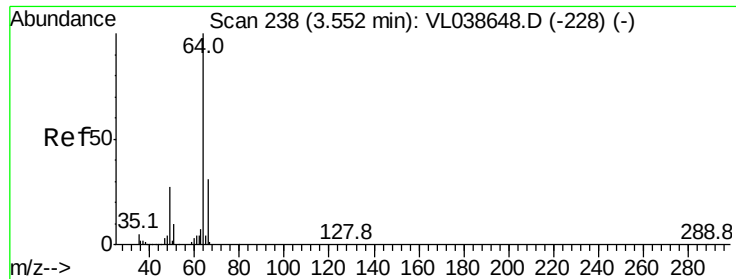
Reviewed By :Semsettin Yesilyurt 03/27/2022  
 Supervised By :Mahesh Dadoda 03/28/2022



#6  
 Bromomethane  
 Concen: 9.79 ppbv  
 RT: 3.48 min Scan# 216  
 Delta R.T. 0.01 min  
 Lab File: VL038747.D  
 Acq: 24 Mar 2022 12:05

Tgt Ion: 94 Resp: 268176  
 Ion Ratio Lower Upper  
 94 100  
 96 93.4 73.3 109.9





#7

Chloroethane

Concen: 9.57 ppbv

RT: 3.56 Instrument: MSVOA\_1

Delta R.T. 0.01

Lab File: ClientSampleId:

Acq: 24 Mar 2022 12:05 VSTDCCC010EC

Tgt Ion:

Ion Ratio

64 100

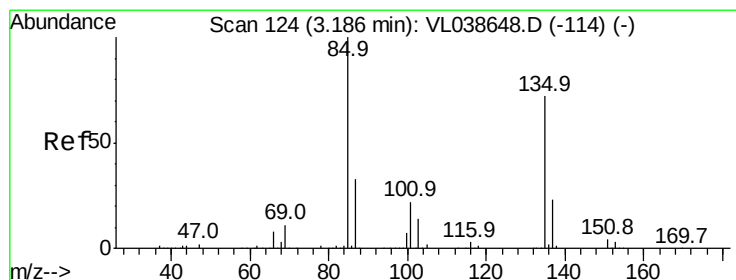
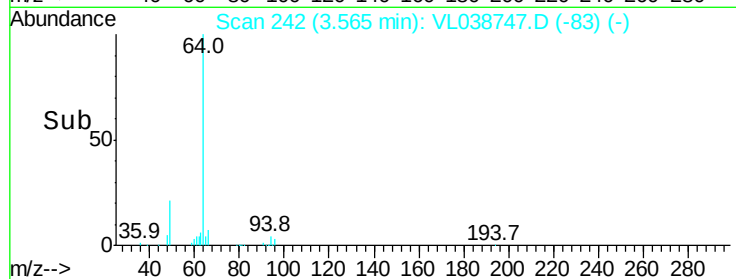
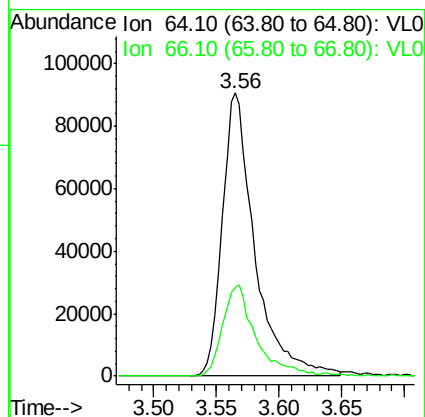
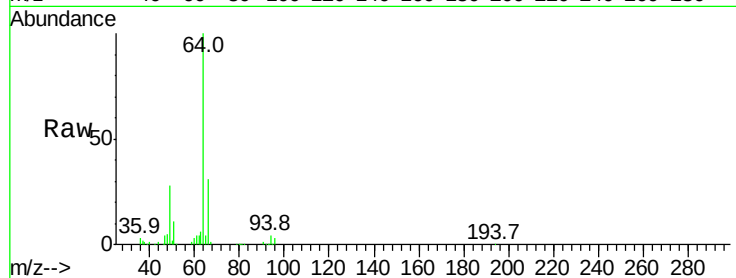
66 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/27/2022

Supervised By :Mahesh Dadoda 03/28/2022



#8

Dichlorotetrafluoroethane

Concen: 9.46 ppbv

RT: 3.20 min Scan# 127

Delta R.T. 0.01 min

Lab File: VL038747.D

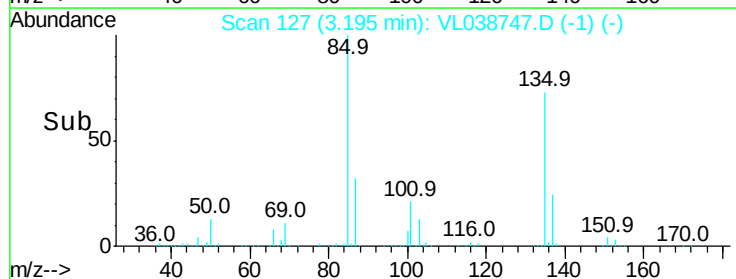
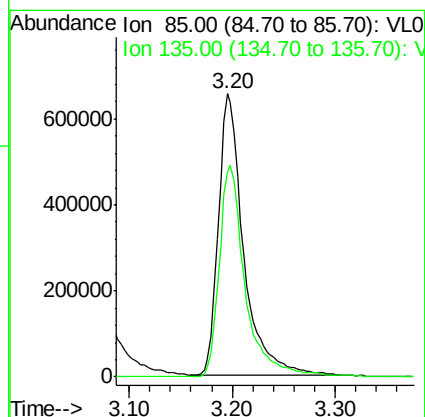
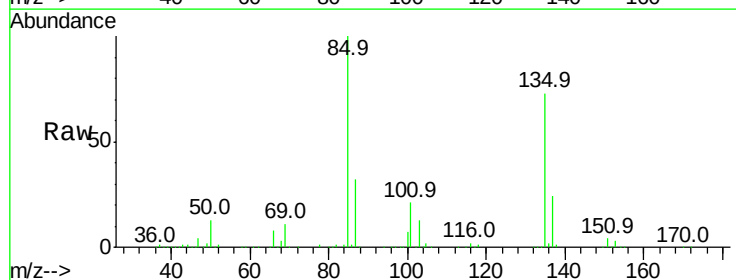
Acq: 24 Mar 2022 12:05

Tgt Ion: 85 Resp: 1106916

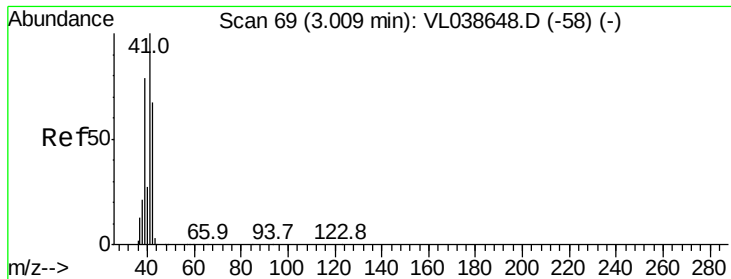
Ion Ratio Lower Upper

85 100

135 77.9 57.8 86.6







#9

Propene

Concen: 9.82 ppbv

RT: 3.02 Instrument:

Delta R.T. MSVOA\_1

Lab File: ClientSampleId:

VSTDCCC010EC

Acq: 24 Mar 2022 12:05

Tgt Ion:

Ion Ratio

41 100

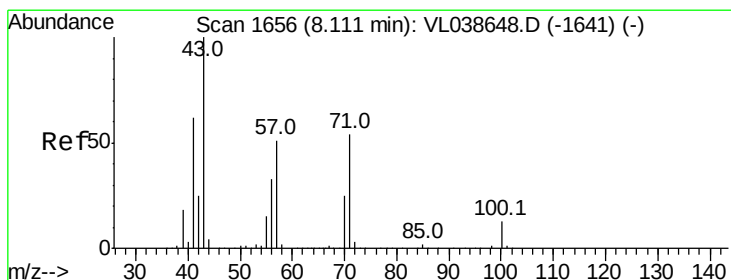
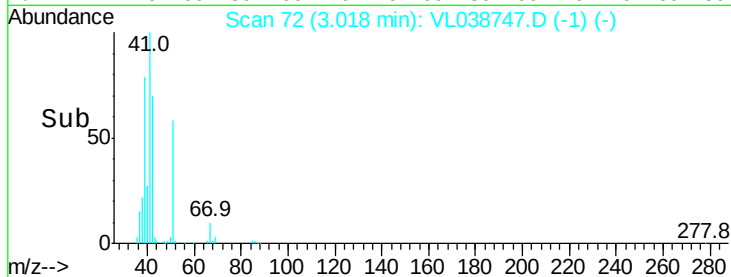
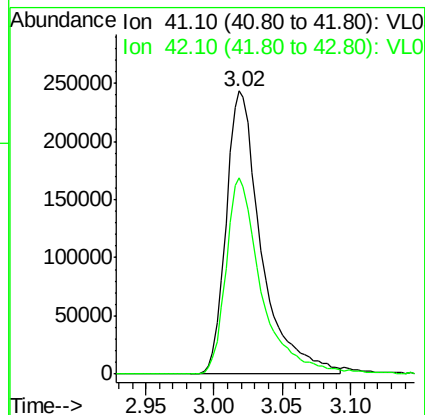
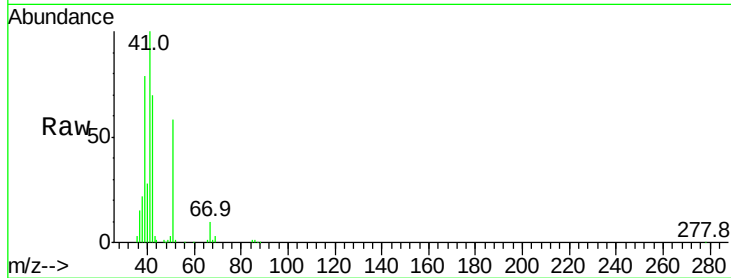
42 70.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/27/2022

Supervised By :Mahesh Dadoda 03/28/2022



#10

Heptane

Concen: 9.98 ppbv

RT: 8.12 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VL038747.D

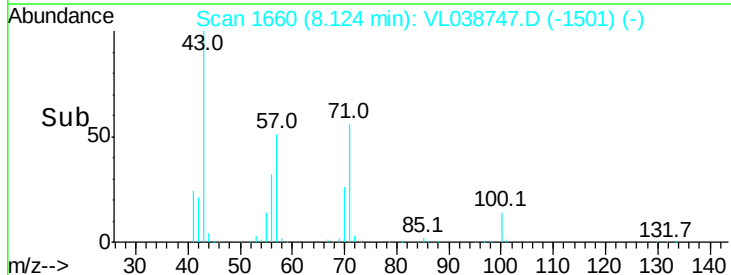
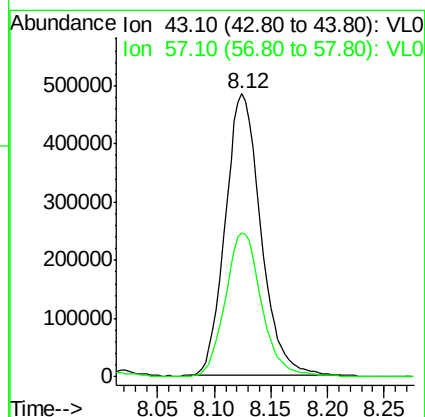
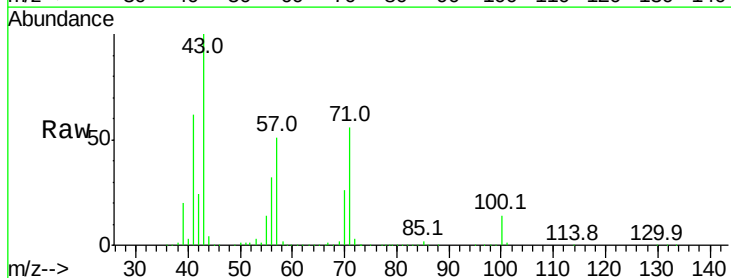
Acq: 24 Mar 2022 12:05

Tgt Ion: 43 Resp: 1060494

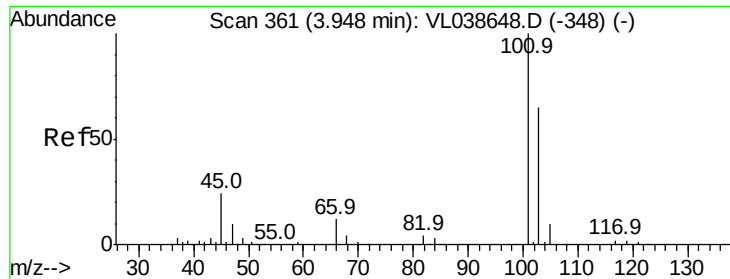
Ion Ratio Lower Upper

43 100

57 52.5 41.4 62.2





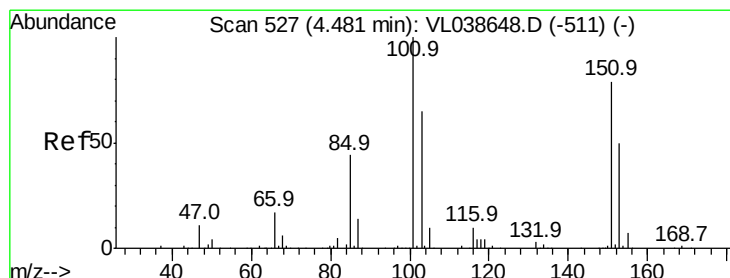
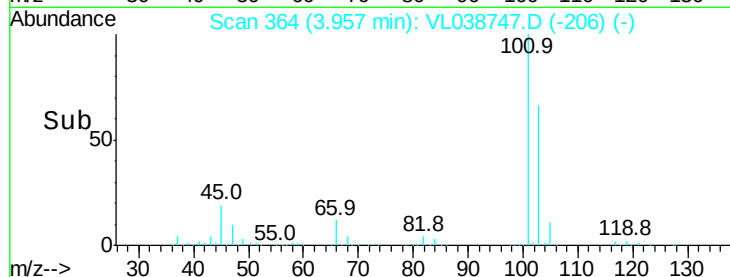
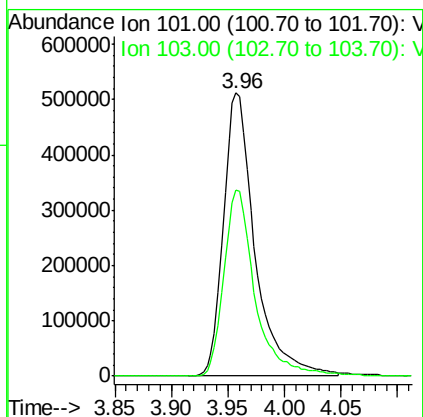
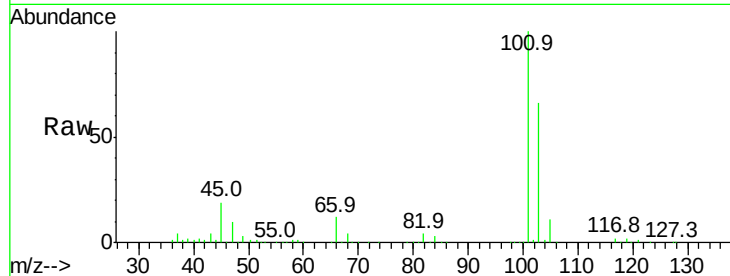


#11  
 Trichlorofluoromethane  
 Concen: 9.63 ppbv  
 RT: 3.96  
 Instrument: MSVOA\_1  
 Delta R.T.:  
 Lab File: ClientSampleId :  
 VSTDCCC010EC  
 Acq: 24 Mar 2022 12:05

Tgt Ion:1  
 Ion Rati  
 101 100  
 103 65.

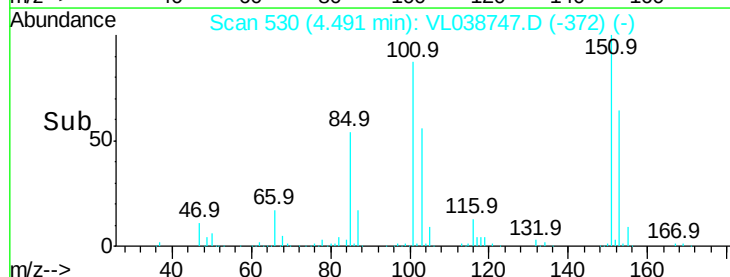
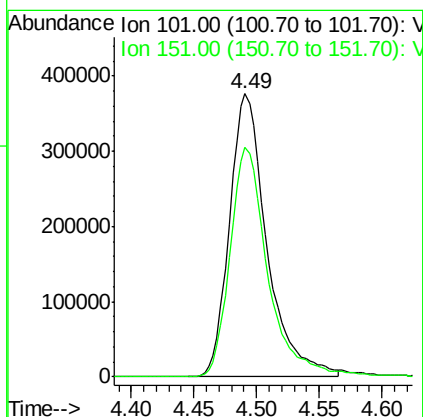
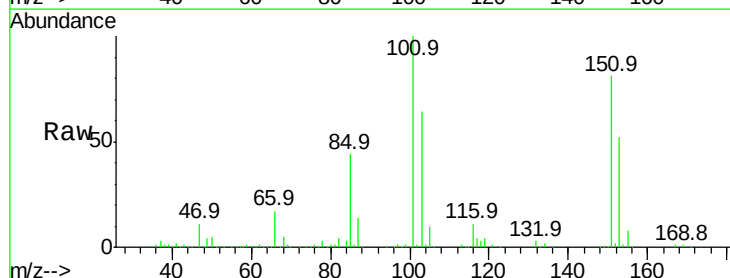
Manual Integrations  
 APPROVED

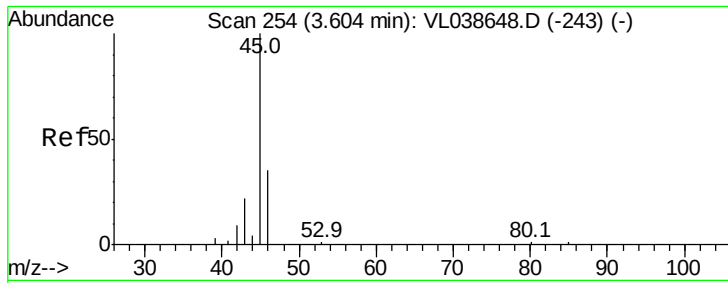
Reviewed By :Semsettin Yesilyurt 03/27/2022  
 Supervised By :Mahesh Dadoda 03/28/2022



#12  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 9.79 ppbv  
 RT: 4.49 min Scan# 530  
 Delta R.T. 0.01 min  
 Lab File: VL038747.D  
 Acq: 24 Mar 2022 12:05

Tgt Ion:101 Resp: 779682  
 Ion Ratio Lower Upper  
 101 100  
 151 82.5 62.9 94.3



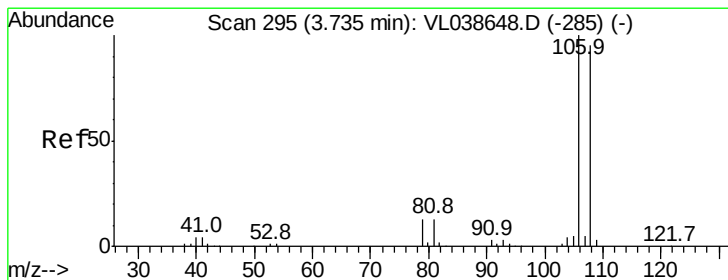
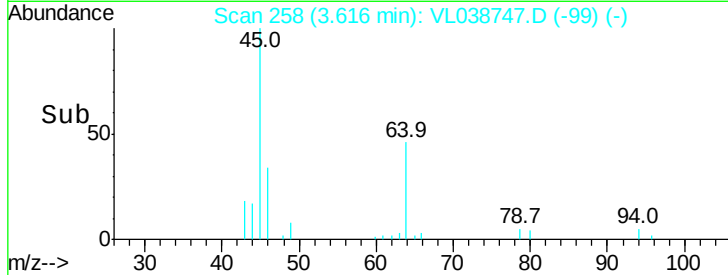
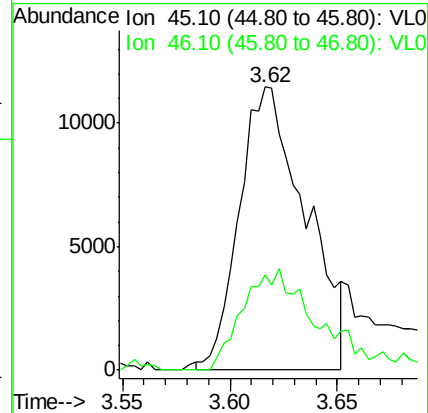
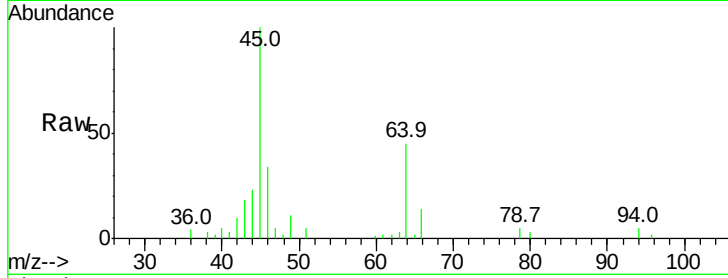


#13  
Ethanol  
Concen: 5.03 ppbv m  
RT: 3.62  
Instrument: MSVOA\_1  
Delta R.T.:  
Lab File: ClientSampleId:  
VSTDCCC010EC  
Acq: 24 Mar 2022 12:05

Tgt Ion:  
Ion Ratio  
45 100  
46 44.

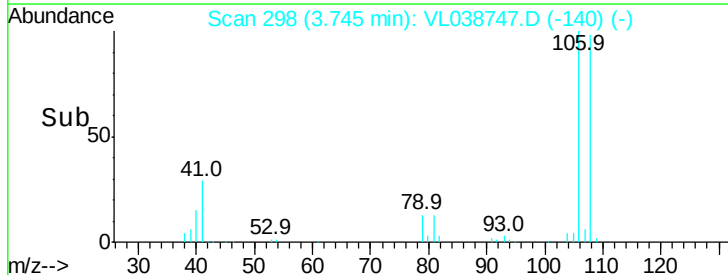
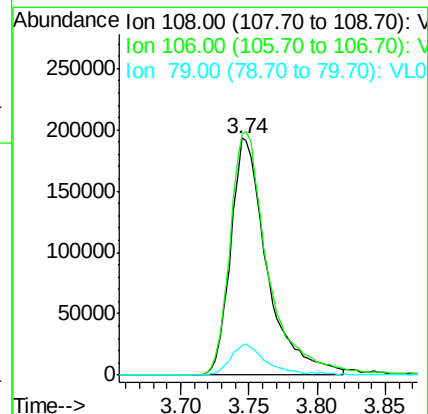
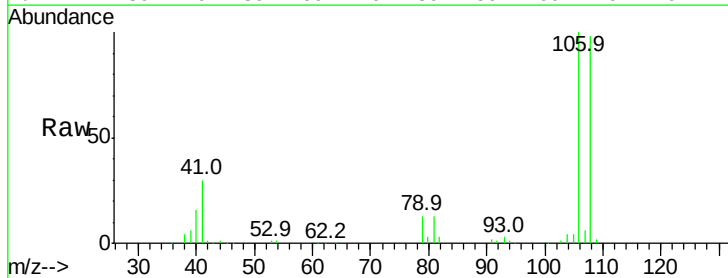
Manual Integrations  
APPROVED

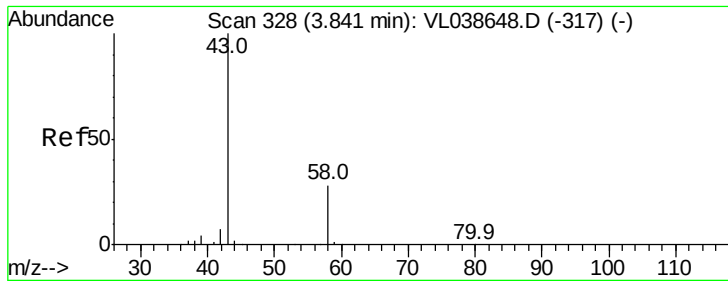
Reviewed By :Semsettin Yesilyurt 03/27/2022  
Supervised By :Mahesh Dadoda 03/28/2022



#14  
Bromoethene  
Concen: 10.12 ppbv  
RT: 3.74 min Scan# 298  
Delta R.T. 0.01 min  
Lab File: VL038747.D  
Acq: 24 Mar 2022 12:05

Tgt Ion:108 Resp: 358296  
Ion Ratio Lower Upper  
108 100  
106 108.2 88.3 132.5  
79 14.0 11.2 16.8





#15

Acetone

Concen: 9.21 ppbv

RT: 3.85

Delta R.T. MSVOA\_L

Lab File: ClientSampleId :

Acq: 24 Mar 2022 12:05

Tgt Ion:

Ion Ratio

43 100

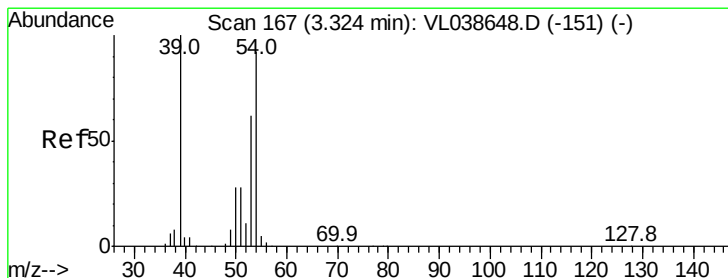
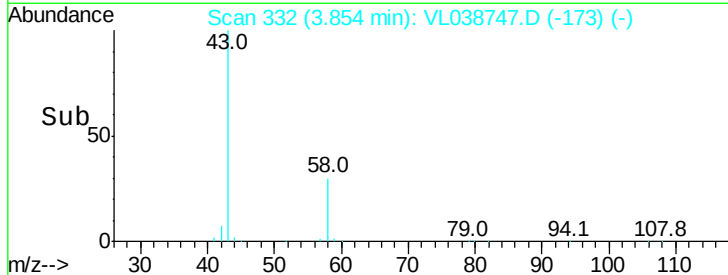
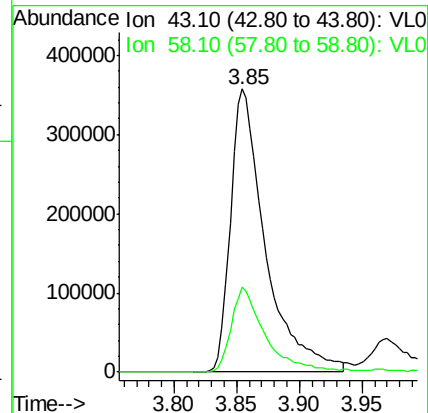
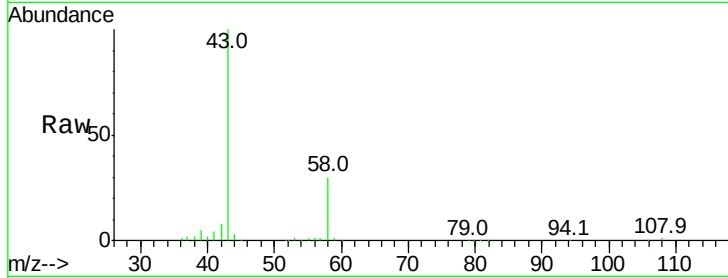
58 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/27/2022

Supervised By :Mahesh Dadoda 03/28/2022



#16

1,3-Butadiene

Concen: 9.78 ppbv

RT: 3.34 min Scan# 171

Delta R.T. 0.01 min

Lab File: VL038747.D

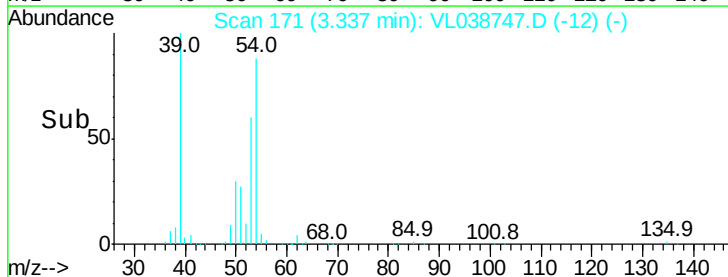
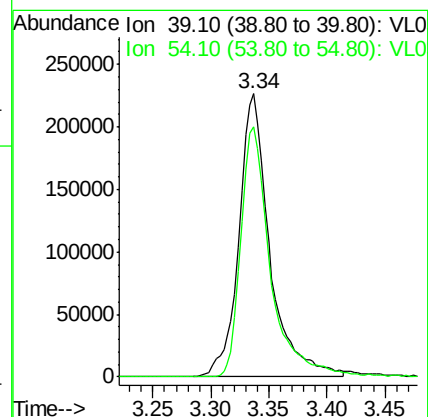
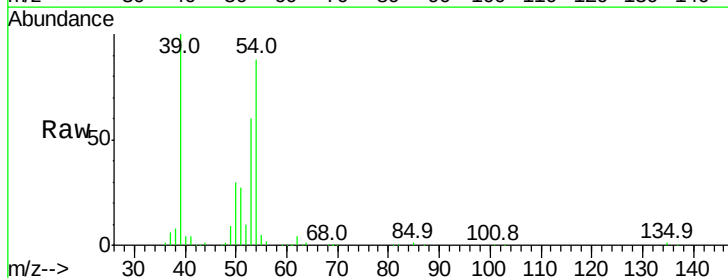
Acq: 24 Mar 2022 12:05

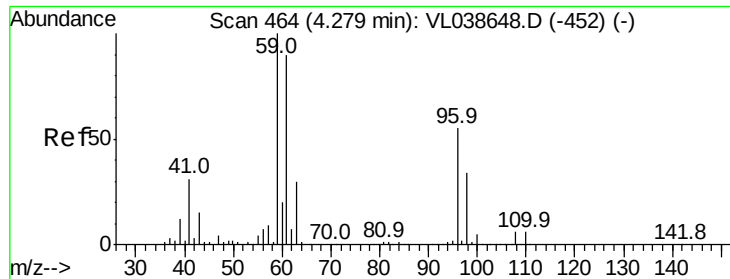
Tgt Ion: 39 Resp: 417622

Ion Ratio Lower Upper

39 100

54 85.4 69.1 103.7



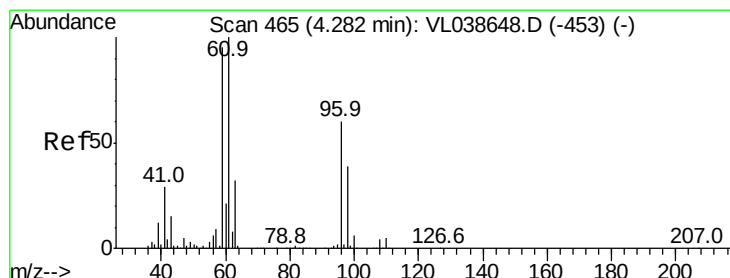
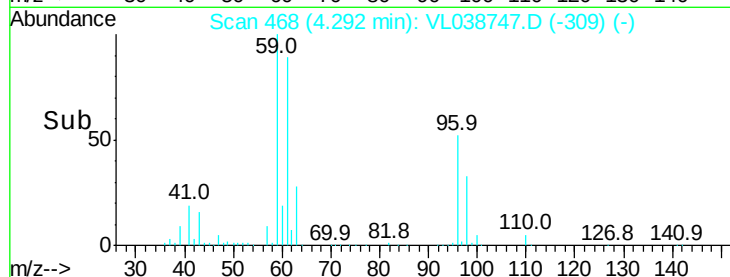
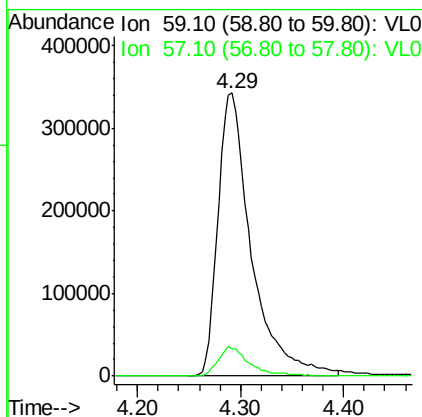
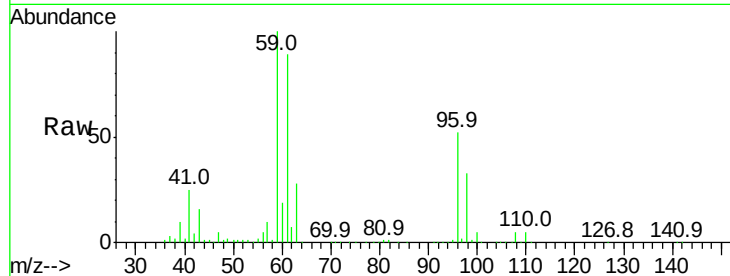


#17  
 tert-Butyl alcohol  
 Concen: 11.76 ppbv  
 RT: 4.29 min  
 Instrument: MSVOA\_L  
 Delta R.T.: 0.01 min  
 Lab File: VL038648.D  
 ClientSampleId: VSTDCCC010EC  
 Acq: 24 Mar 2022 12:05

Tgt Ion: 59  
 Ion Ratio: 100  
 57 10.

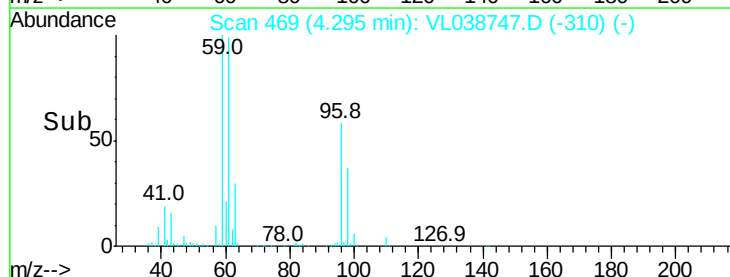
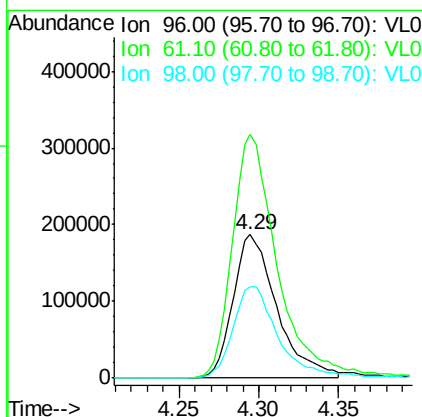
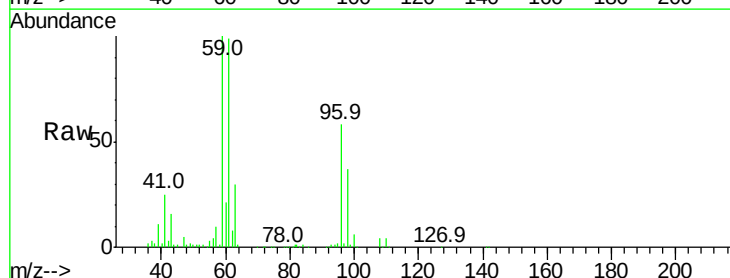
Manual Integrations  
 APPROVED

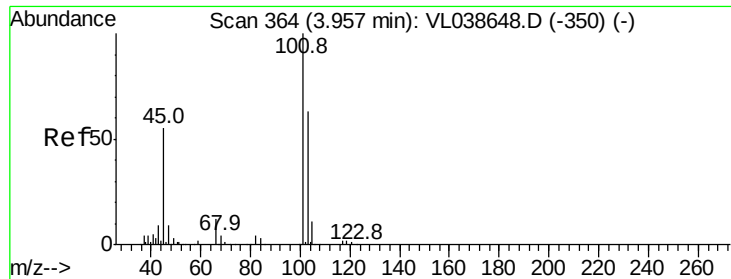
Reviewed By :Semsettin Yesilyurt 03/27/2022  
 Supervised By :Mahesh Dadoda 03/28/2022



#18  
 1,1-Dichloroethene  
 Concen: 9.77 ppbv  
 RT: 4.29 min Scan# 469  
 Delta R.T.: 0.01 min  
 Lab File: VL038747.D  
 Acq: 24 Mar 2022 12:05

Tgt Ion: 96 Resp: 349356  
 Ion Ratio Lower Upper  
 96 100  
 61 169.7 132.4 198.6  
 98 63.5 51.6 77.4





#19

Isopropyl Alcohol

Concen: 9.54 ppbv

RT: 3.97 Instrument:

Delta R.T. MSVOA\_L

Lab File: ClientSampleId:

Acq: 24 Mar 2022 12:05 VSTDCCC010EC

Tgt Ion:

Ion Ratio

45 100

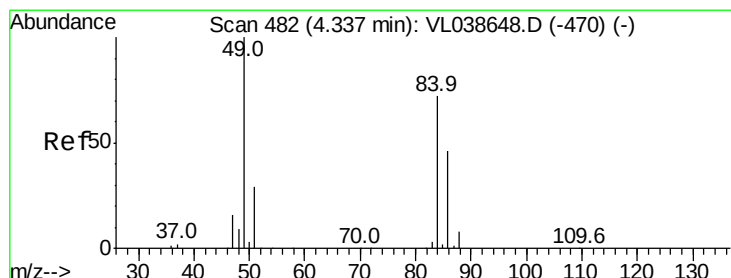
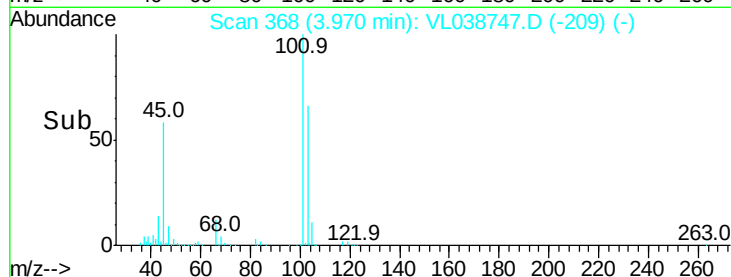
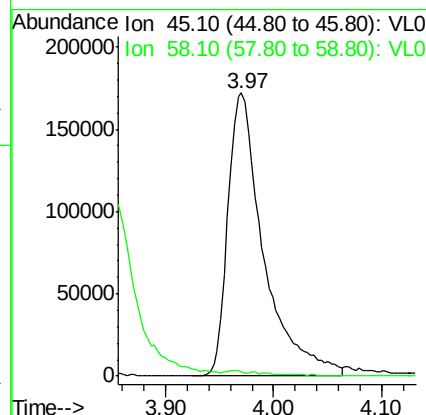
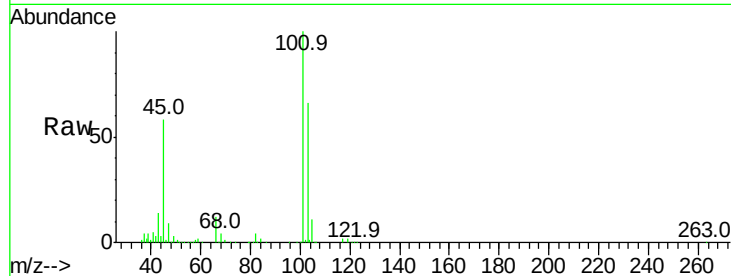
58 53.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/27/2022

Supervised By :Mahesh Dadoda 03/28/2022



#20

Methylene Chloride

Concen: 9.17 ppbv

RT: 4.35 min Scan# 487

Delta R.T. 0.02 min

Lab File: VL038747.D

Acq: 24 Mar 2022 12:05

Tgt Ion: 84 Resp: 290664

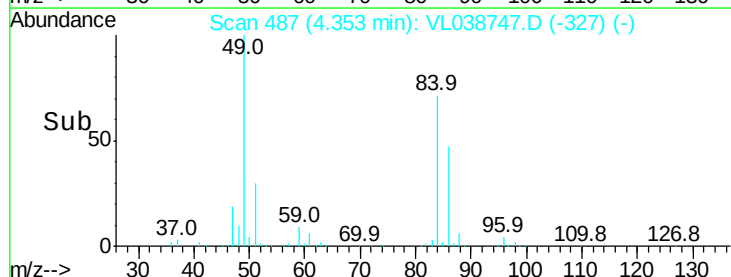
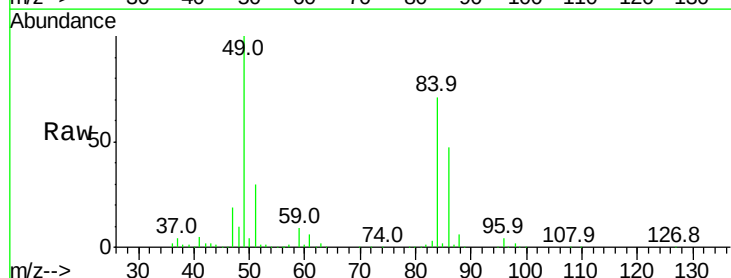
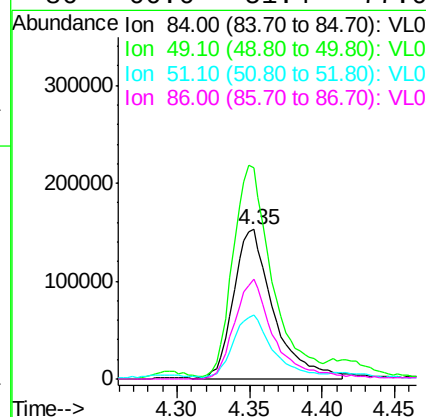
Ion Ratio Lower Upper

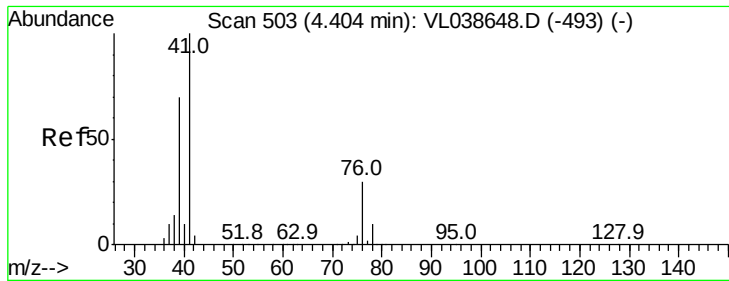
84 100

49 139.2 111.2 166.8

51 41.5 32.8 49.2

86 66.6 51.4 77.0





#21

Allyl Chloride

Concen: 10.28 ppbv

RT: 4.42 Instrument:

Delta R.T. MSVOA\_1

Lab File: ClientSampleId:

Acq: 24 Mar 2022 12:05 VSTDCCC010EC

Tgt Ion:

Ion Ratio

41 100

76 31.

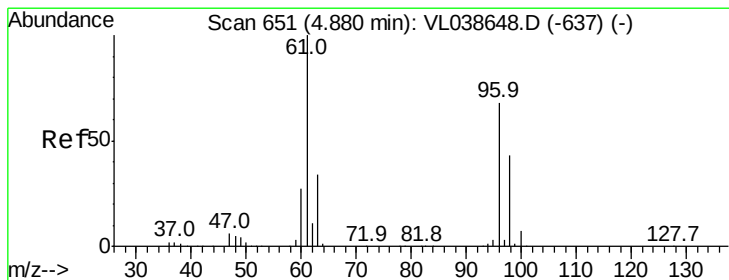
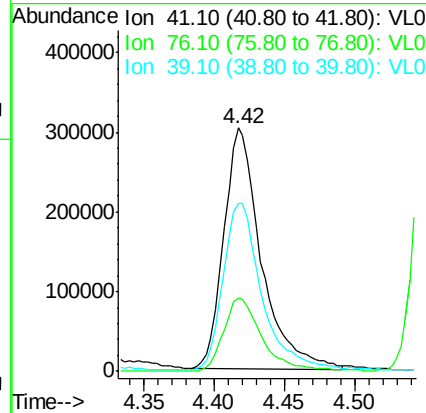
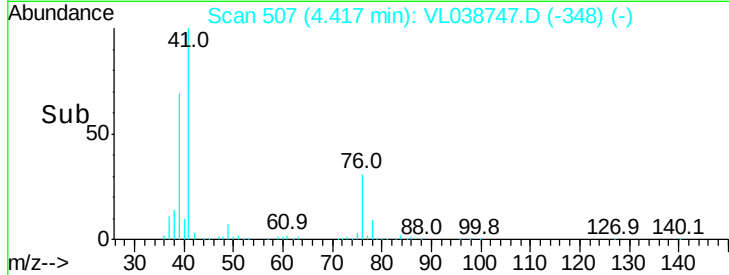
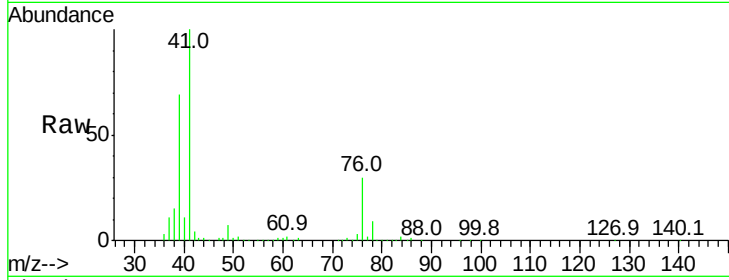
39 73.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/27/2022

Supervised By :Mahesh Dadoda 03/28/2022



#22

trans-1,2-Dichloroethene

Concen: 10.58 ppbv

RT: 4.89 min Scan# 654

Delta R.T. 0.01 min

Lab File: VL038747.D

Acq: 24 Mar 2022 12:05

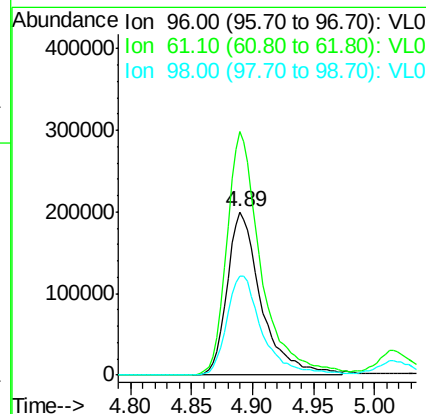
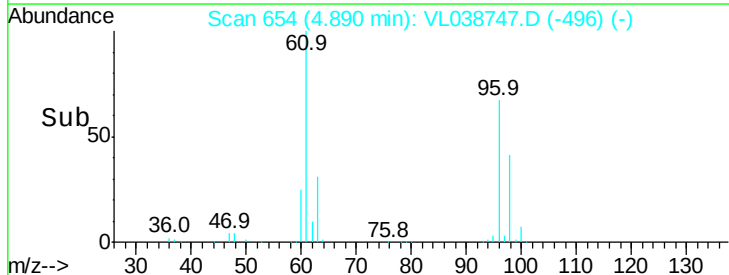
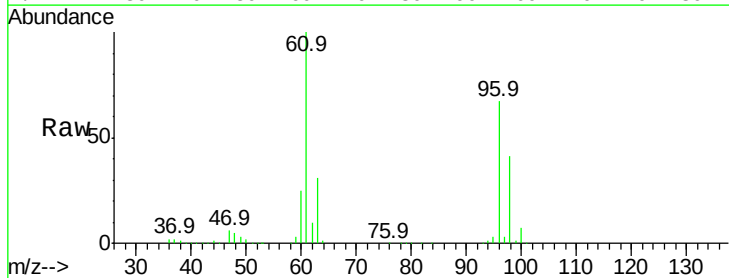
Tgt Ion: 96 Resp: 392659

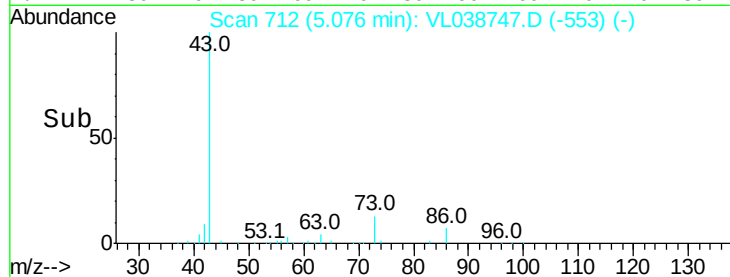
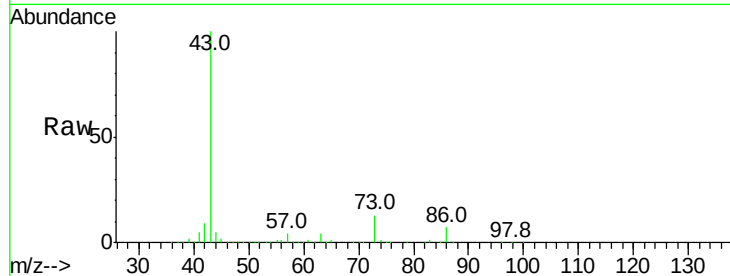
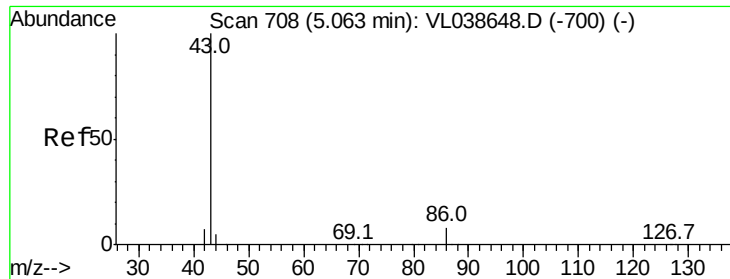
Ion Ratio Lower Upper

96 100

61 148.9 118.3 177.5

98 60.5 51.3 76.9



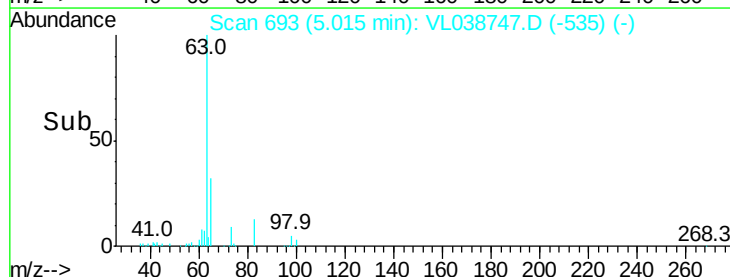
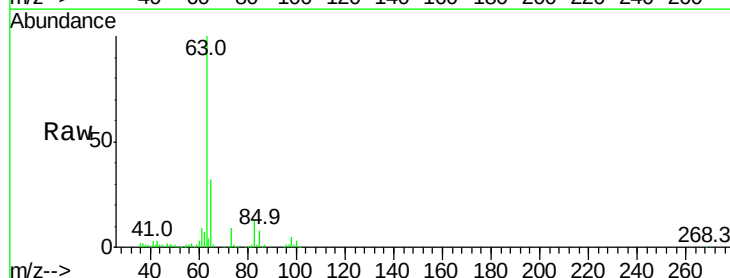
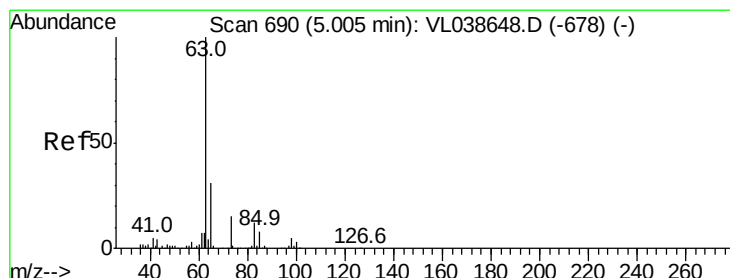
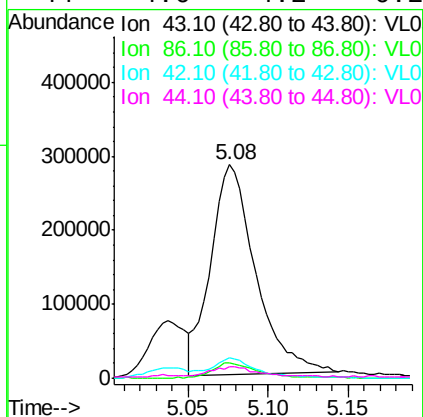


#23  
 Vinyl Acetate  
 Concen: 7.53 ppbv  
 RT: 5.08  
 Delta R.T. MSVOA\_L  
 Lab File: ClientSampleId :  
 VSTDCCC010EC  
 Acq: 24 Mar 2022 12:05

Tgt Ion: 43  
 Ion Ratio: 100  
 86 6.  
 42 9.  
 44 4.6 4.2 6.2

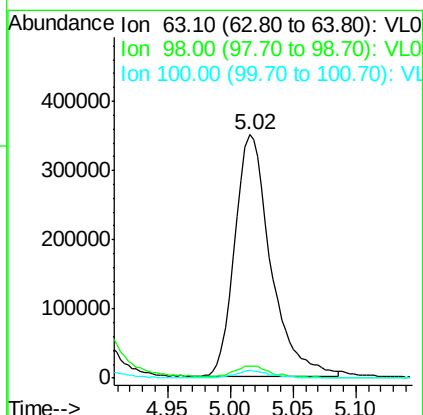
Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/27/2022  
 Supervised By :Mahesh Dadoda 03/28/2022

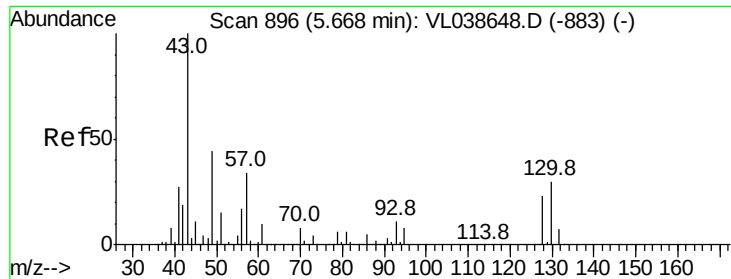


#24  
 1,1-Dichloroethane  
 Concen: 9.76 ppbv  
 RT: 5.02 min Scan# 693  
 Delta R.T. 0.01 min  
 Lab File: VL038747.D  
 Acq: 24 Mar 2022 12:05

Tgt Ion: 63 Resp: 700099  
 Ion Ratio Lower Upper  
 63 100  
 98 4.6 2.5 7.5  
 100 3.1 1.4 4.2





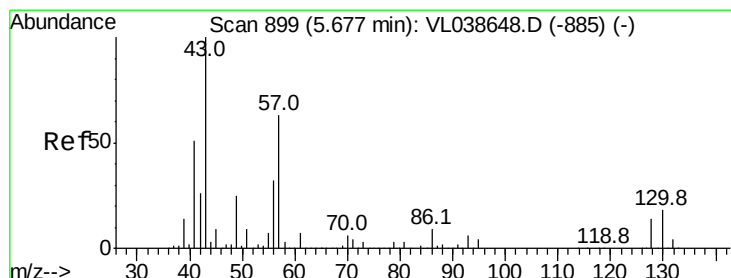
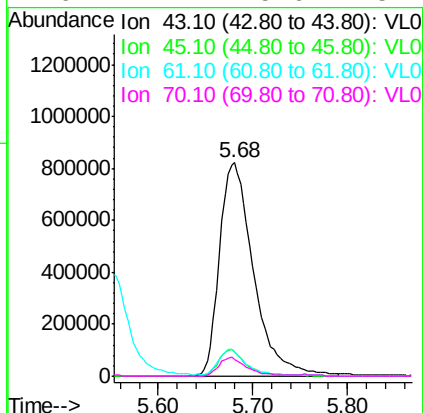
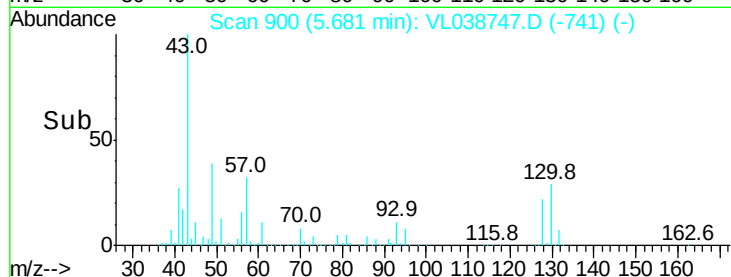
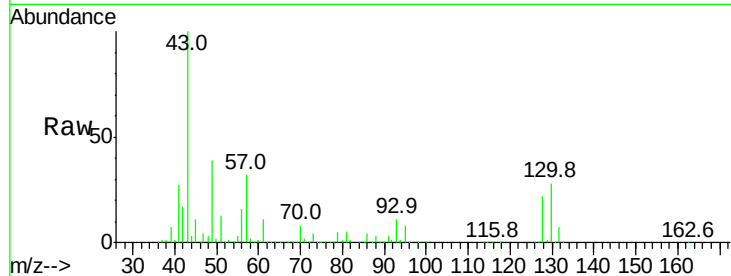


#25  
Ethyl Acetate  
Concen: 10.84 ppbv  
RT: 5.68  
Instrument: MSVOA\_L  
Delta R.T.:  
Lab File: ClientSampleId :  
Acq: 24 Mar 2022 12:05

Tgt Ion:  
Ion Ratio  
43 100  
45 10.  
61 10.  
70 7.4 5.6 8.4

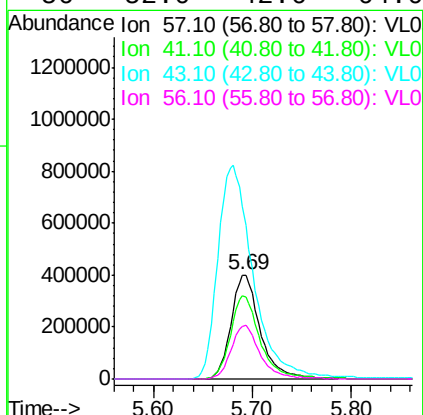
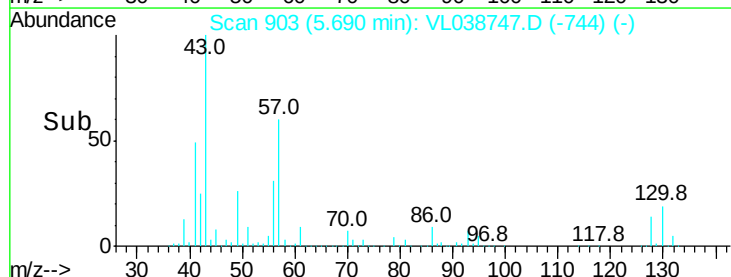
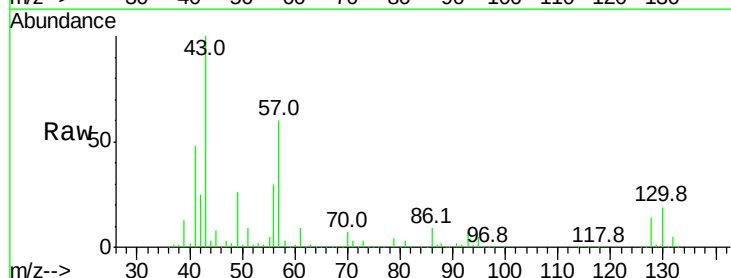
### Manual Integrations APPROVED

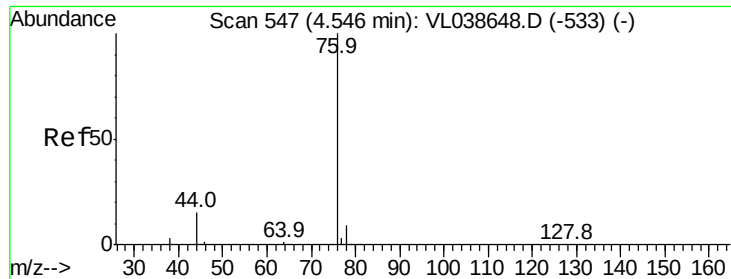
Reviewed By :Semsettin Yesilyurt 03/27/2022  
Supervised By :Mahesh Dadoda 03/28/2022



#26  
Hexane  
Concen: 9.75 ppbv  
RT: 5.69 min Scan# 903  
Delta R.T. 0.01 min  
Lab File: VL038747.D  
Acq: 24 Mar 2022 12:05

Tgt Ion: 57 Resp: 826963  
Ion Ratio Lower Upper  
57 100  
41 82.5 67.0 100.4  
43 251.3 184.2 276.2  
56 52.0 42.6 64.0





#27

Carbon Disulfide

Concen: 11.01 ppbv

RT: 4.56 Instrument:

Delta R.T. MSVOA\_L

Lab File: ClientSampleId:

Acq: 24 Mar 2022 12:05 VSTDCCC010EC

Tgt Ion:

Ion Ratio

76 100

44 16.

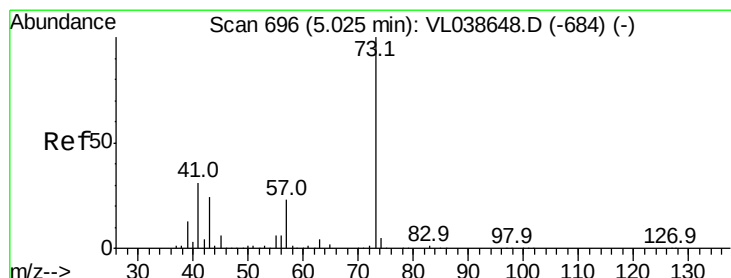
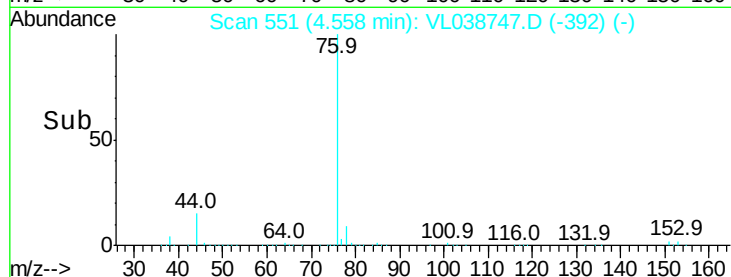
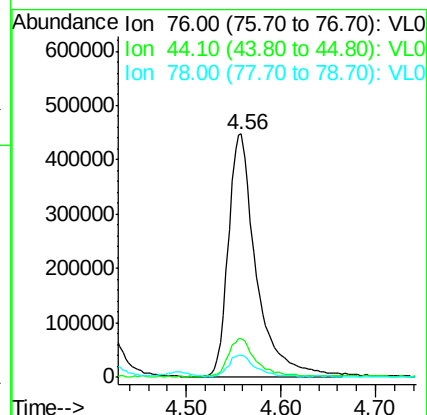
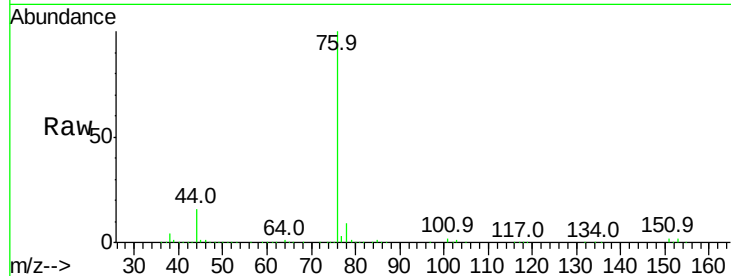
78 9.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/27/2022

Supervised By :Mahesh Dadoda 03/28/2022



#28

Methyl tert-Butyl Ether

Concen: 11.05 ppbv

RT: 5.04 min Scan# 700

Delta R.T. 0.01 min

Lab File: VL038747.D

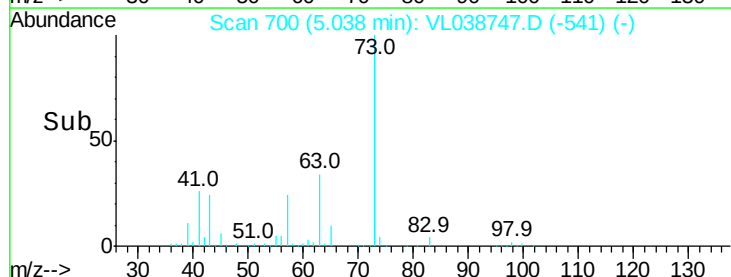
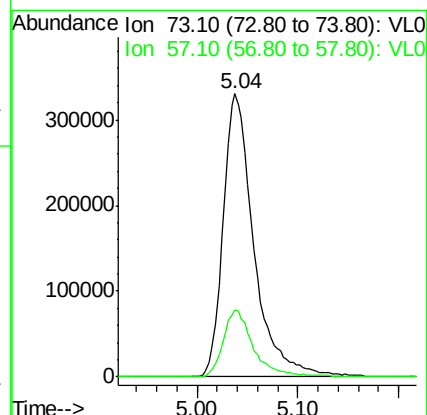
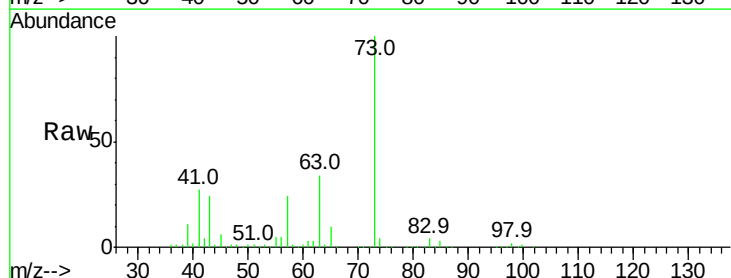
Acq: 24 Mar 2022 12:05

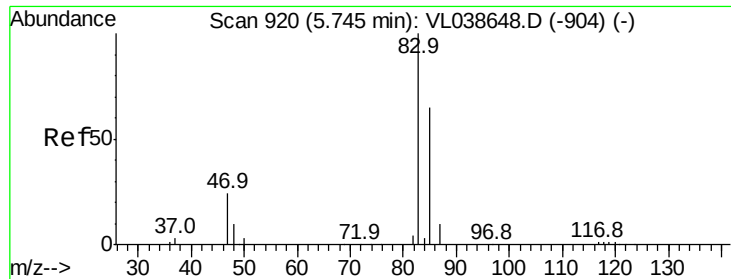
Tgt Ion: 73 Resp: 697829

Ion Ratio Lower Upper

73 100

57 23.8 19.2 28.8



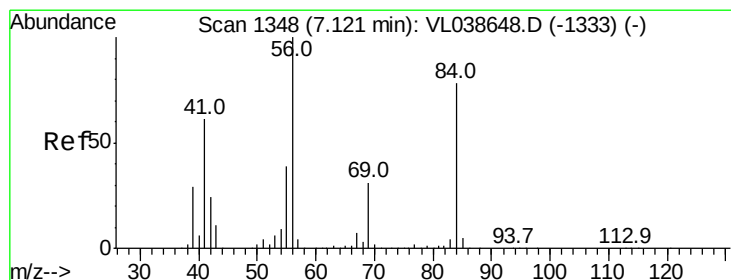
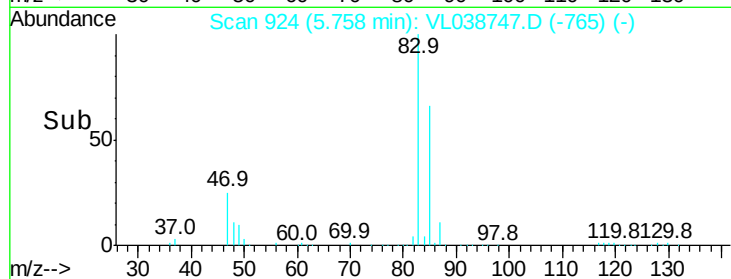
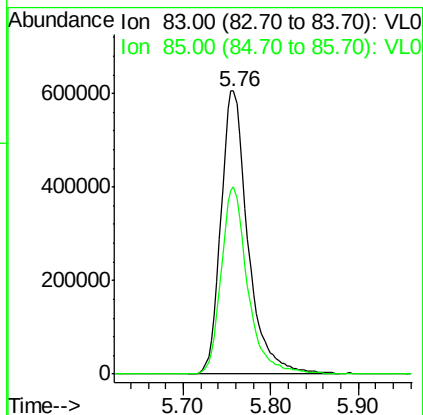
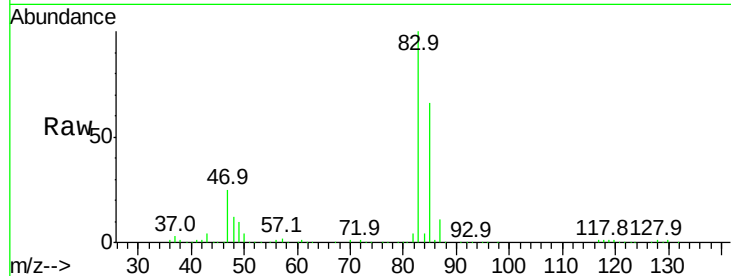


#29  
Chloroform  
Concen: 9.60 ppbv  
RT: 5.76  
Instrument: MSVOA\_L  
Delta R.T.:  
Lab File: ClientSampleId :  
Acq: 24 Mar 2022 12:05

Tgt Ion:  
Ion Ratio  
83 100  
85 66.

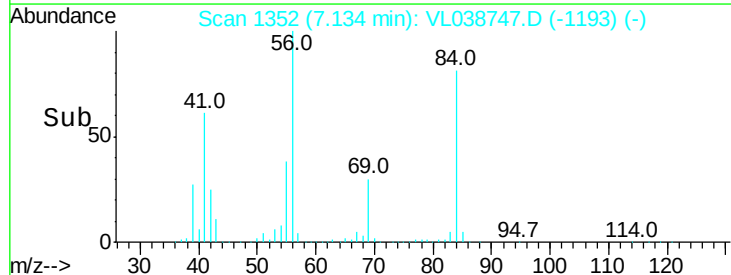
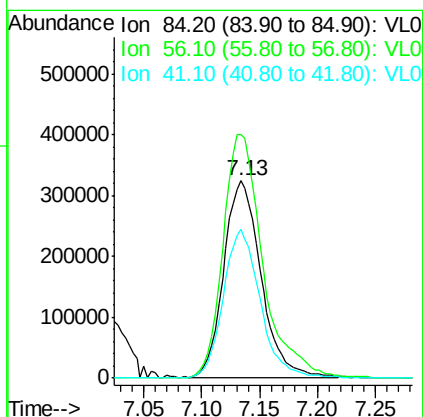
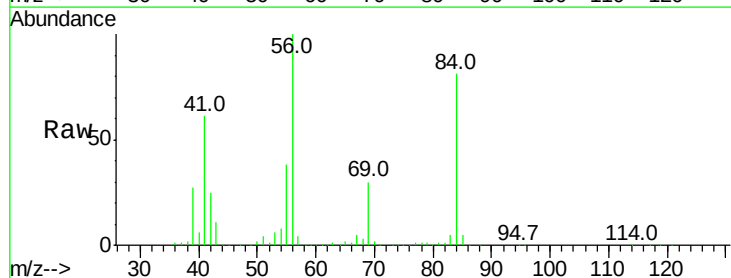
Manual Integrations  
APPROVED

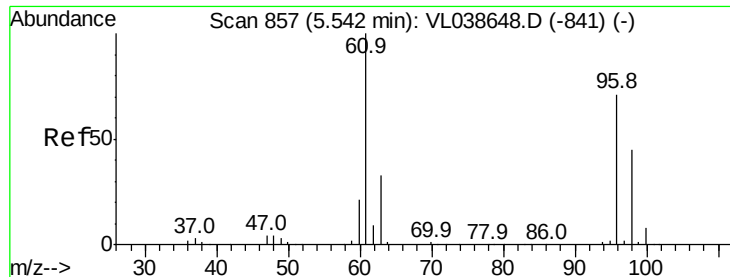
Reviewed By :Semsettin Yesilyurt 03/27/2022  
Supervised By :Mahesh Dadoda 03/28/2022



#30  
Cyclohexane  
Concen: 9.89 ppbv  
RT: 7.13 min Scan# 1352  
Delta R.T. 0.01 min  
Lab File: VL038747.D  
Acq: 24 Mar 2022 12:05

Tgt Ion: 84 Resp: 729080  
Ion Ratio Lower Upper  
84 100  
56 132.3 108.2 162.4  
41 74.8 61.8 92.6





#31

cis-1,2-Dichloroethene

Concen: 10.18 ppbv

RT: 5.56 Instrument:

Delta R.T. MSVOA\_L

Lab File: ClientSampleId:

Acq: 24 Mar 2022 12:05 VSTDCCC010EC

Tgt Ion:

Ion Ratio

61 100

96 73.

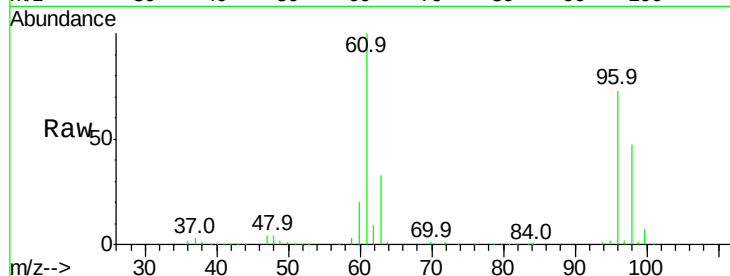
98 47.

Manual Integrations

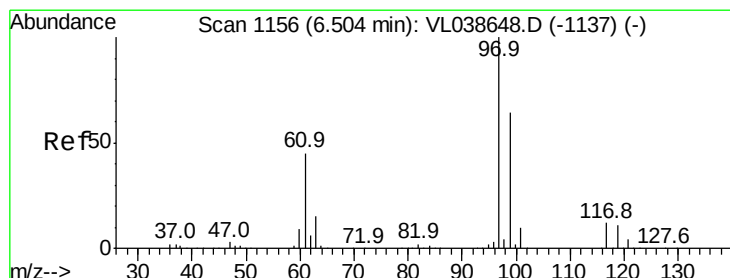
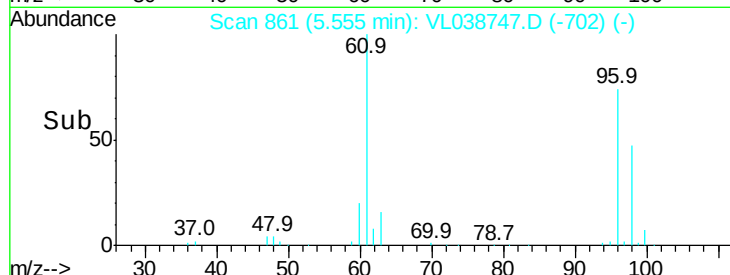
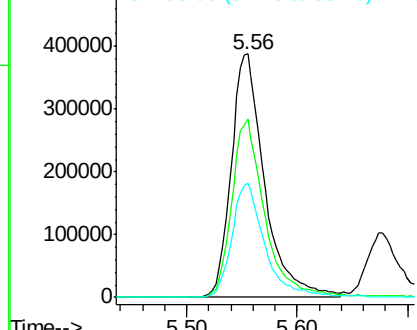
APPROVED

Reviewed By :Semsettin Yesilyurt 03/27/2022

Supervised By :Mahesh Dadoda 03/28/2022



Abundance Ion 61.10 (60.80 to 61.80): VL0  
Ion 96.00 (95.70 to 96.70): VL0  
Ion 98.00 (97.70 to 98.70): VL0



#32

1,1,1-Trichloroethane

Concen: 9.97 ppbv

RT: 6.51 min Scan# 1159

Delta R.T. 0.01 min

Lab File: VL038747.D

Acq: 24 Mar 2022 12:05

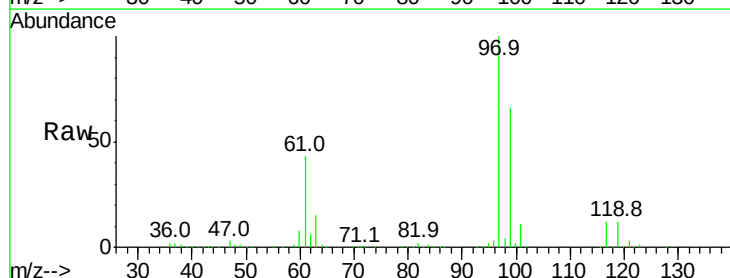
Tgt Ion: 97 Resp: 1306411

Ion Ratio Lower Upper

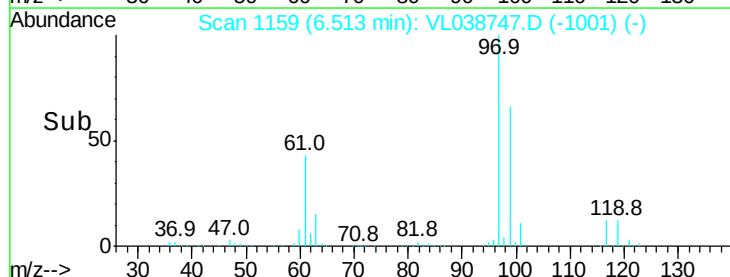
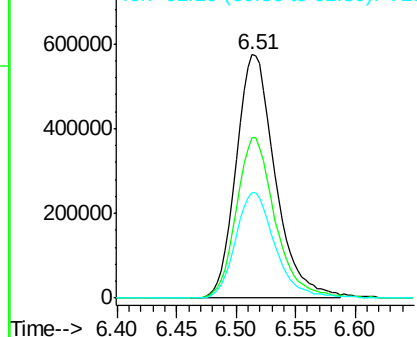
97 100

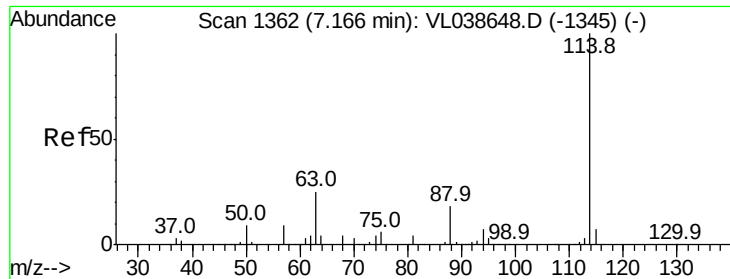
99 65.8 51.8 77.8

61 44.1 36.7 55.1



Abundance Ion 97.00 (96.70 to 97.70): VL0  
Ion 99.00 (98.70 to 99.70): VL0  
Ion 61.10 (60.80 to 61.80): VL0



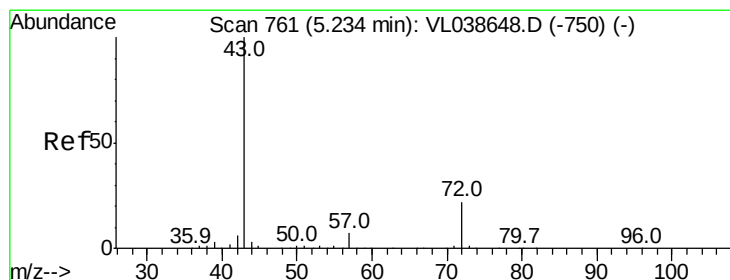
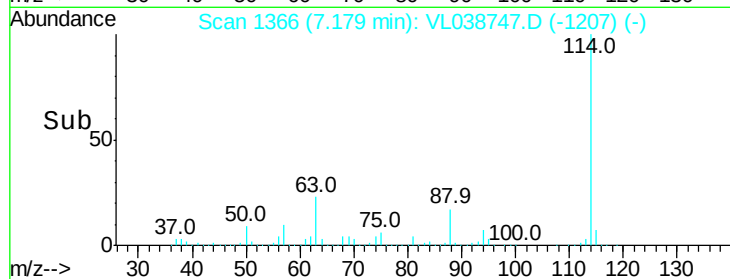
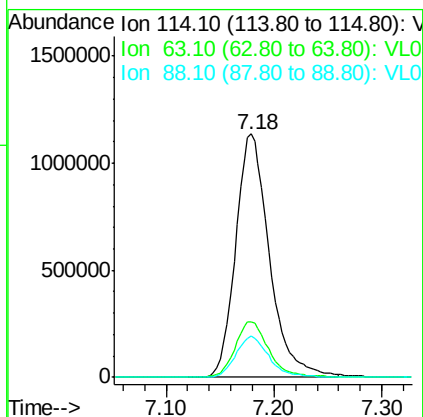
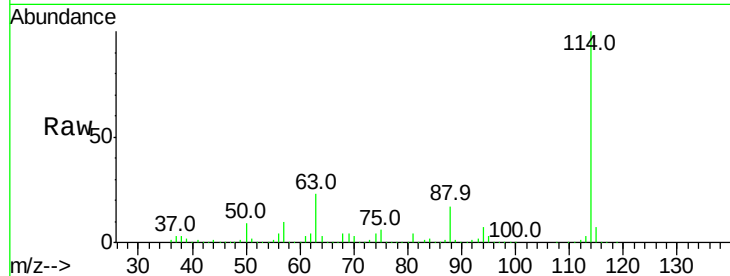


#33  
 1,4-Difluorobenzene  
 Concen: 10.00 ppbv  
 RT: 7.18  
 Instrument: MSVOA\_L  
 Delta R.T.:  
 Lab File: ClientSampleId :  
 VSTDCCC010EC  
 Acq: 24 Mar 2022 12:05

Tgt Ion: 1  
 Ion Ratio  
 114 100  
 63 23.  
 88 16.

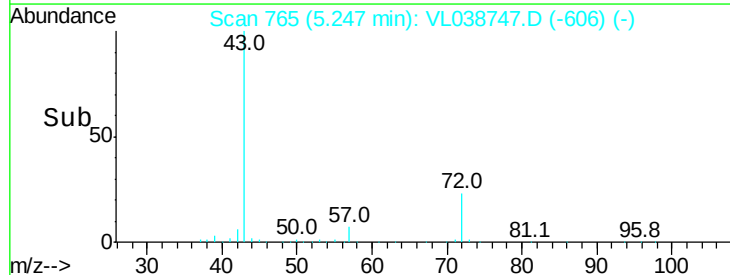
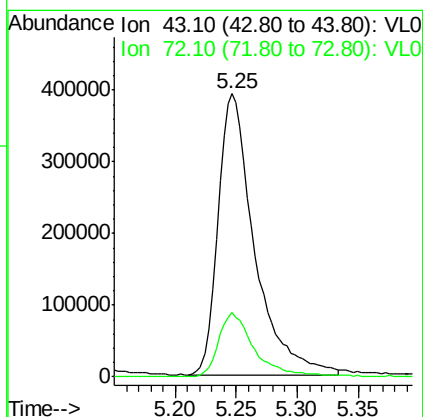
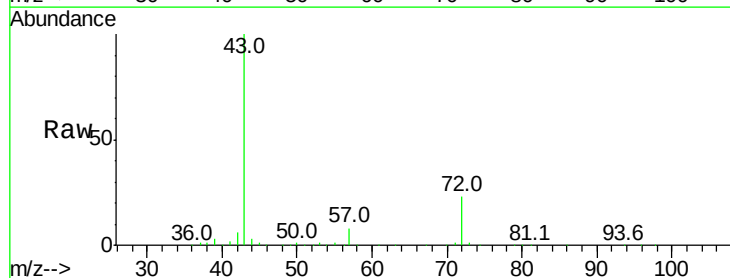
Manual Integrations  
 APPROVED

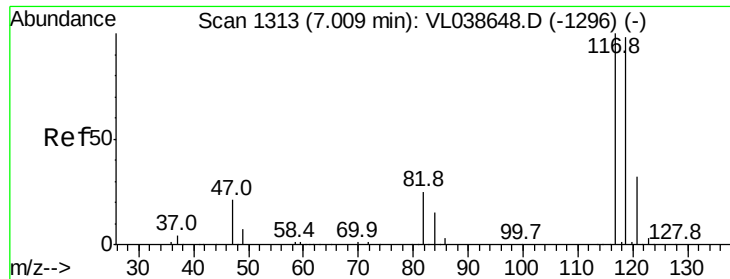
Reviewed By :Semsettin Yesilyurt 03/27/2022  
 Supervised By :Mahesh Dadoda 03/28/2022



#34  
 2-Butanone  
 Concen: 8.41 ppbv  
 RT: 5.25 min Scan# 765  
 Delta R.T. 0.01 min  
 Lab File: VL038747.D  
 Acq: 24 Mar 2022 12:05

Tgt Ion: 43 Resp: 823346  
 Ion Ratio Lower Upper  
 43 100  
 72 23.2 17.8 26.8



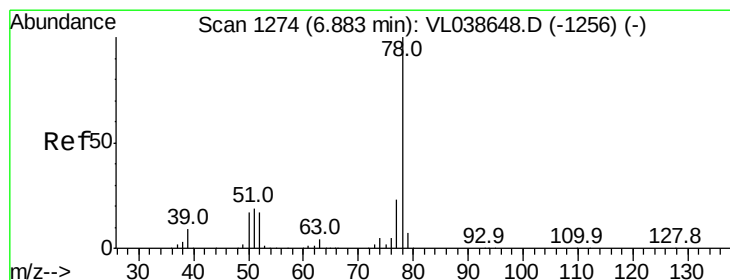
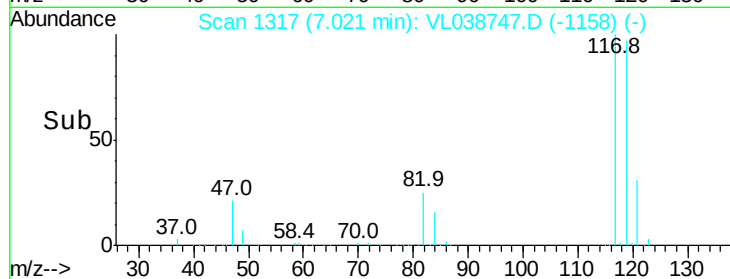
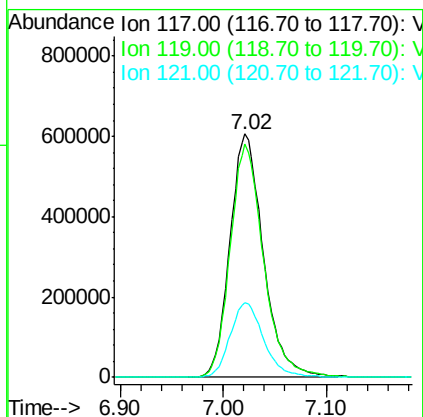
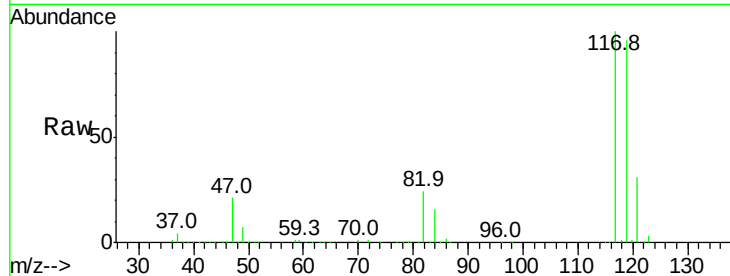


#35  
Carbon Tetrachloride  
Concen: 9.52 ppbv  
RT: 7.02  
Instrument: MSVOA\_1  
Delta R.T.:  
Lab File: ClientSampleId :  
VSTDCCC010EC  
Acq: 24 Mar 2022 12:05

Tgt Ion: 1  
Ion Ratio  
117 100  
119 96.  
121 30.

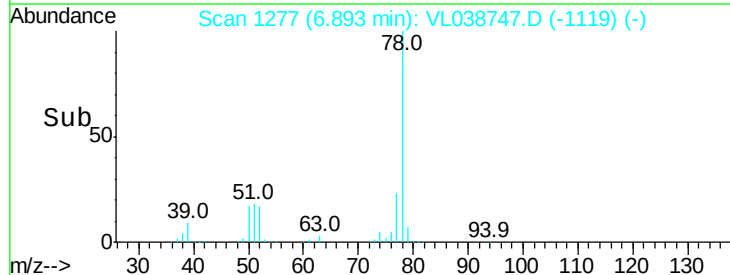
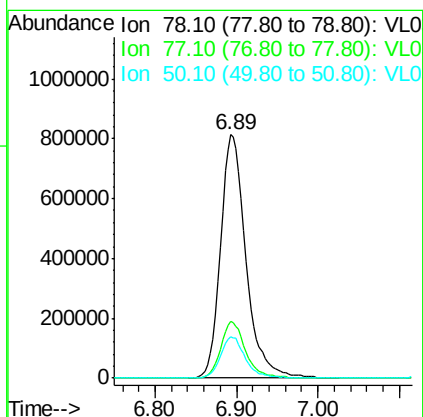
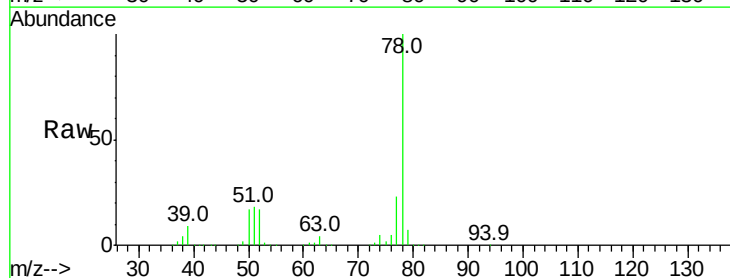
Manual Integrations  
APPROVED

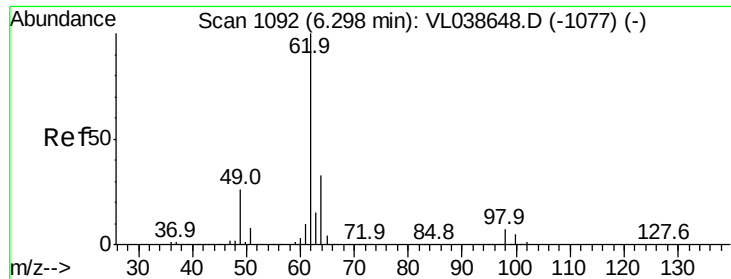
Reviewed By : Semsettin Yesilyurt 03/27/2022  
Supervised By : Mahesh Dadoda 03/28/2022



#36  
Benzene  
Concen: 9.40 ppbv  
RT: 6.89 min Scan# 1277  
Delta R.T. 0.01 min  
Lab File: VL038747.D  
Acq: 24 Mar 2022 12:05

Tgt Ion: 78 Resp: 1793856  
Ion Ratio Lower Upper  
78 100  
77 23.3 18.1 27.1  
50 17.1 13.6 20.4



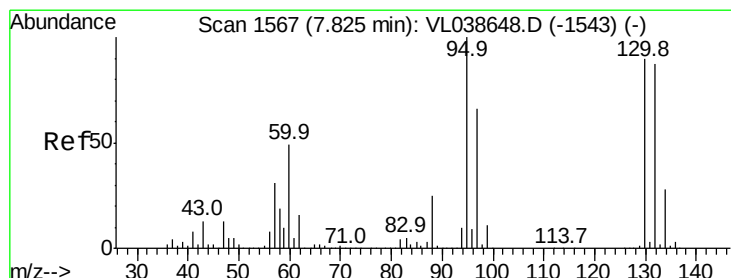
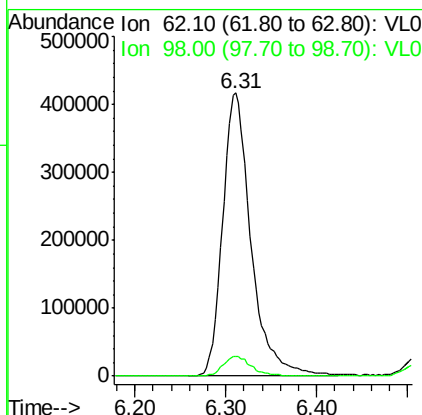
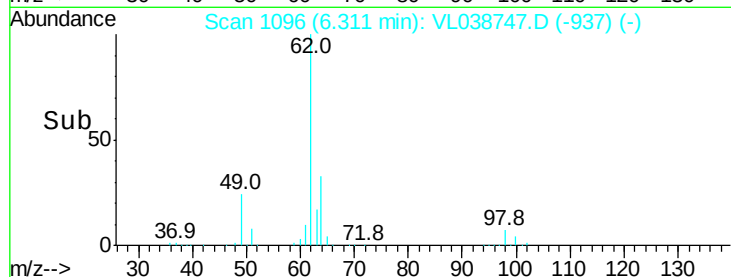
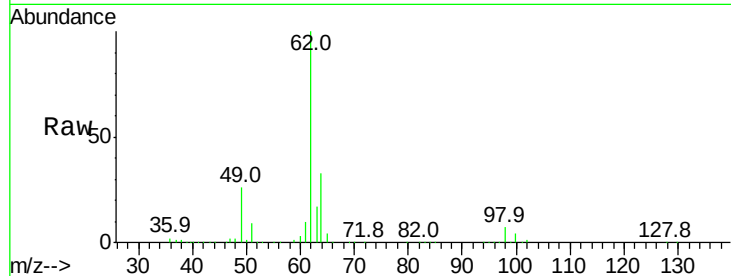


#37  
1,2-Dichloroethane  
Concen: 9.32 ppbv  
RT: 6.31  
Instrument: MSVOA\_L  
Delta R.T.:  
Lab File: ClientSampleId:  
Acq: 24 Mar 2022 12:05

Tgt Ion:  
Ion Ratio  
62 100  
98 7.

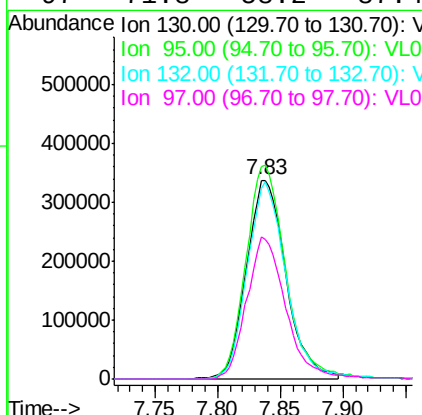
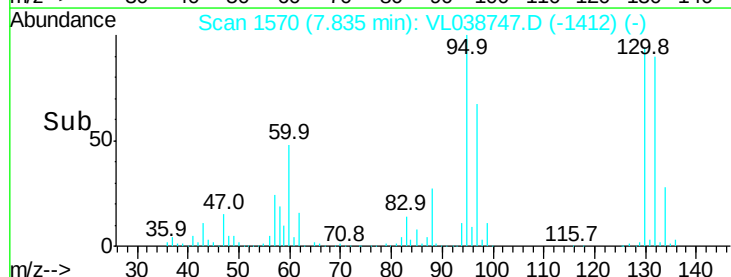
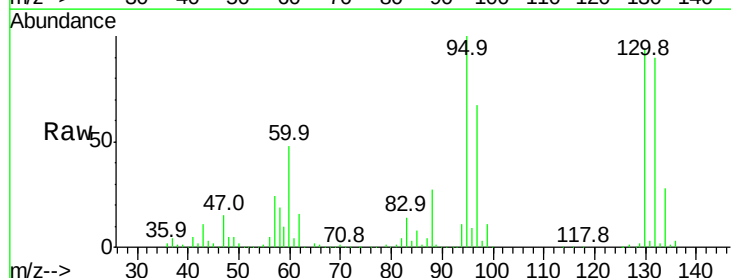
Manual Integrations  
APPROVED

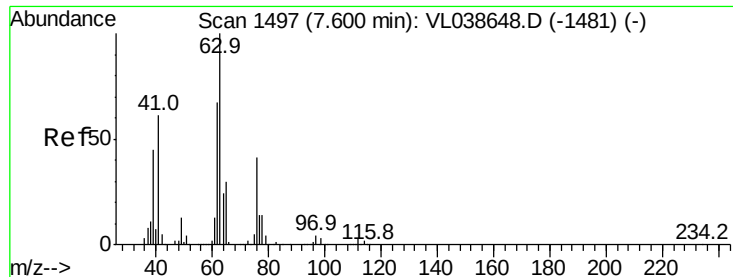
Reviewed By :Semsettin Yesilyurt 03/27/2022  
Supervised By :Mahesh Dadoda 03/28/2022



#38  
Trichloroethene  
Concen: 9.22 ppbv  
RT: 7.83 min Scan# 1570  
Delta R.T. 0.01 min  
Lab File: VL038747.D  
Acq: 24 Mar 2022 12:05

Tgt Ion:130 Resp: 737080  
Ion Ratio Lower Upper  
130 100  
95 107.0 88.9 133.3  
132 96.5 77.4 116.0  
97 71.8 58.2 87.4



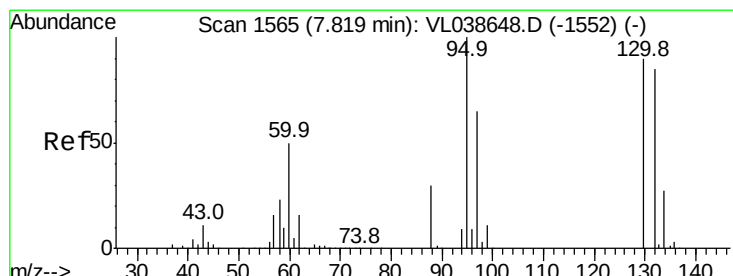
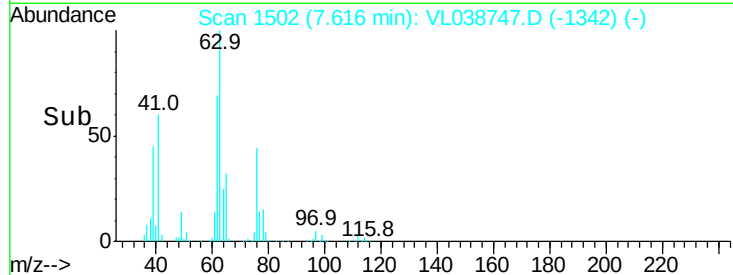
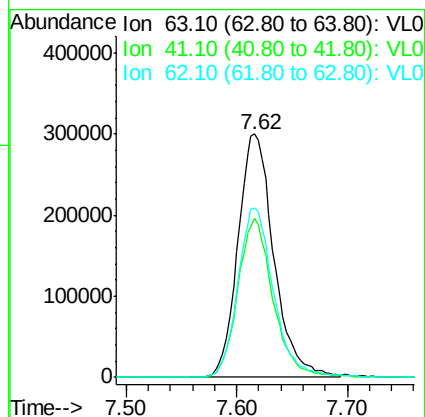
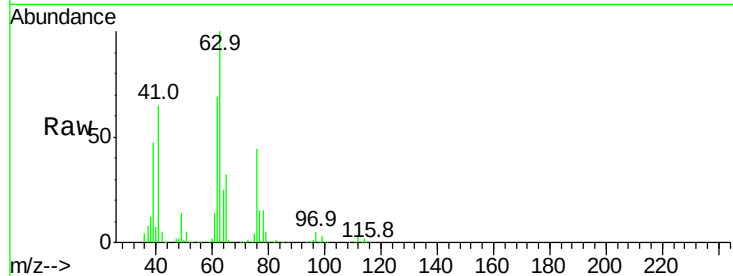


#39  
 1,2-Dichloropropane  
 Concen: 9.06 ppbv  
 RT: 7.62  
 Delta R.T. MSVOA\_L  
 Lab File: ClientSampleId :  
 Acq: 24 Mar 2022 12:05

Tgt Ion:  
 Ion Ratio  
 63 100  
 41 65.  
 62 69.

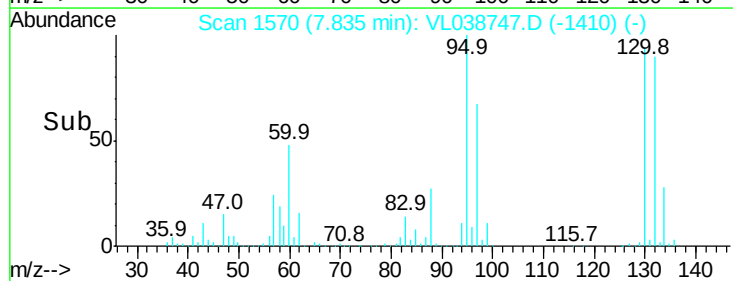
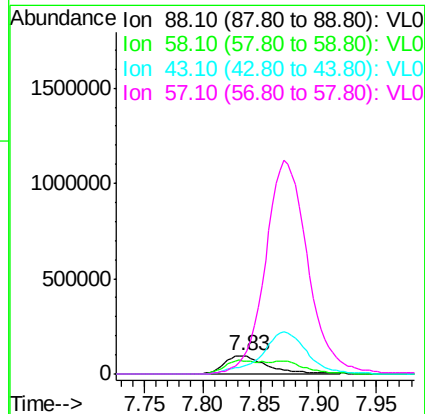
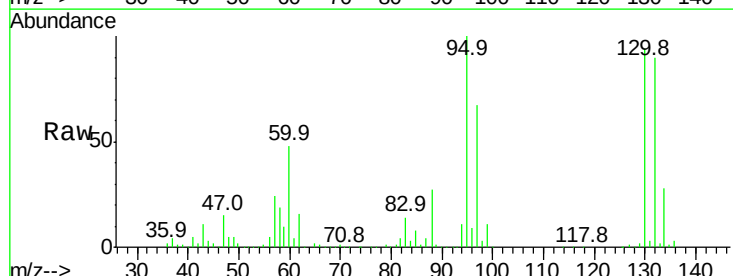
Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/27/2022  
 Supervised By :Mahesh Dadoda 03/28/2022

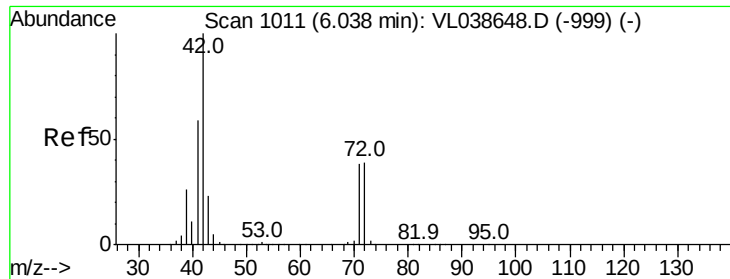


#40  
 1,4-Dioxane  
 Concen: 9.33 ppbv  
 RT: 7.83 min Scan# 1570  
 Delta R.T. 0.02 min  
 Lab File: VL038747.D  
 Acq: 24 Mar 2022 12:05

Tgt Ion: 88 Resp: 241868  
 Ion Ratio Lower Upper  
 88 100  
 58 127.4 105.6 158.4  
 43 250.0 201.9 302.9  
 57 1187.3 942.1 1413.1







#41

Tetrahydrofuran

Concen: 9.62 ppbv

RT: 6.05

Delta R.T. MSVOA\_L

Lab File: ClientSampleId :

Acq: 24 Mar 2022 12:05

Tgt Ion:

Ion Ratio

42 100

72 41.

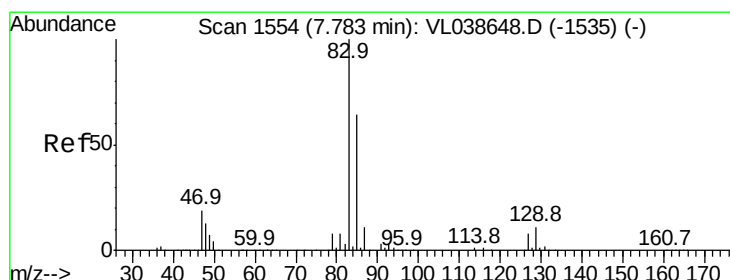
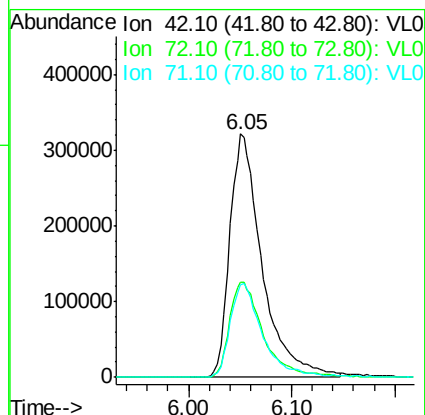
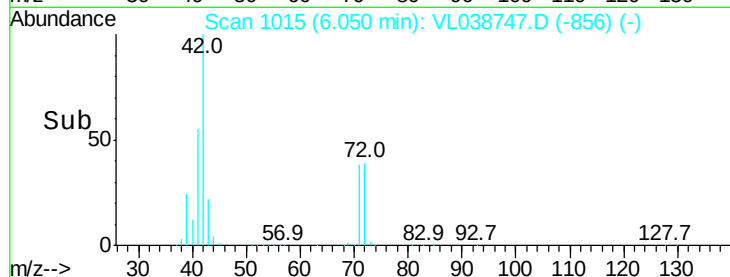
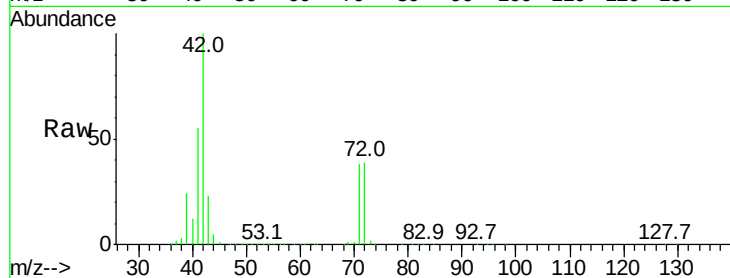
71 39.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/27/2022

Supervised By :Mahesh Dadoda 03/28/2022



#42

Bromodichloromethane

Concen: 9.61 ppbv

RT: 7.79 min Scan# 1557

Delta R.T. 0.01 min

Lab File: VL038747.D

Acq: 24 Mar 2022 12:05

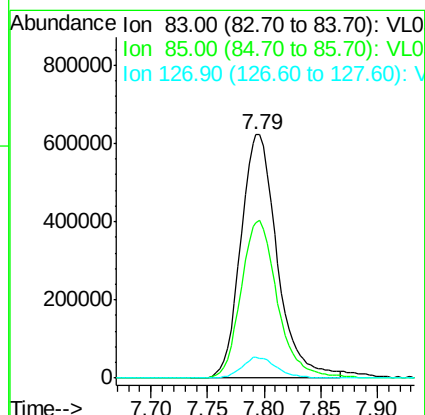
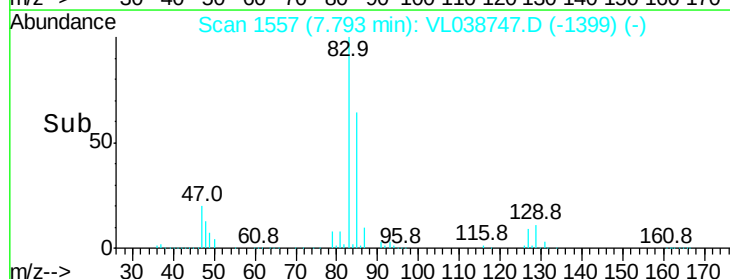
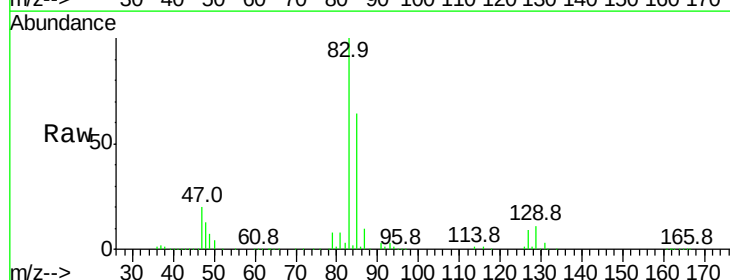
Tgt Ion: 83 Resp: 1399646

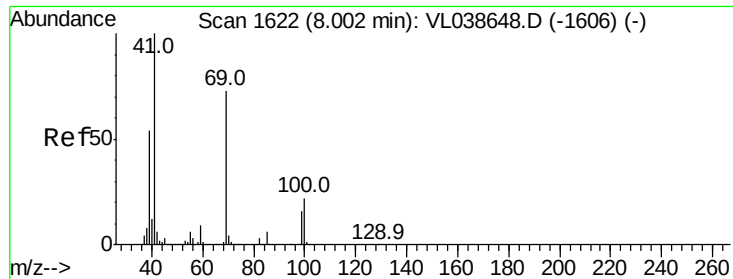
Ion Ratio Lower Upper

83 100

85 64.0 51.1 76.7

127 8.7 6.5 9.7





#43

Methyl Methacrylate

Concen: 10.81 ppbv

RT: 8.01

Instrument: MSVOA\_L

Delta R.T. 0.01

Lab File: ClientSampleId: VSTDCCC010EC

Acq: 24 Mar 2022 12:05

Tgt Ion: 69

Ion Ratio: 100

41 135.

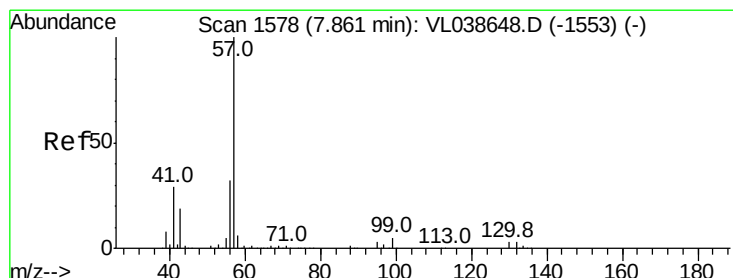
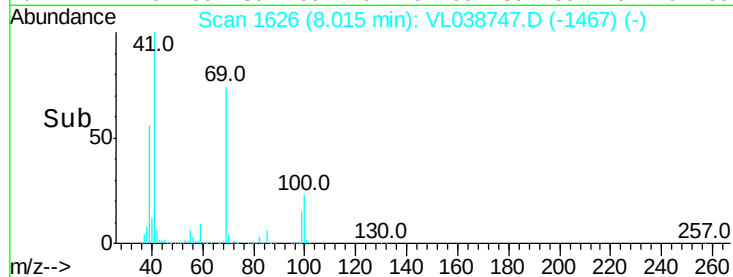
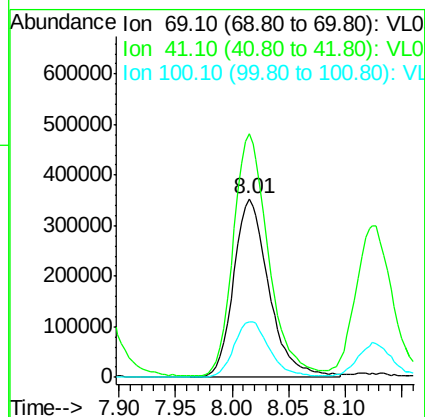
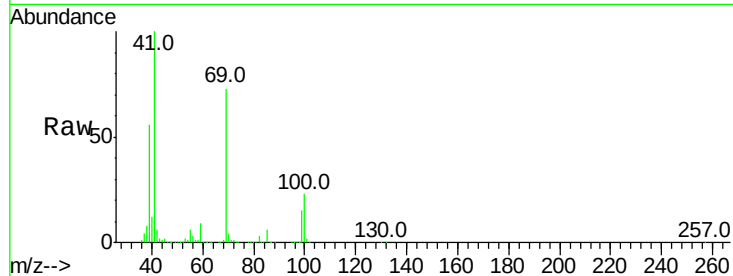
100 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/27/2022

Supervised By :Mahesh Dadoda 03/28/2022



#44

2,2,4-Trimethylpentane

Concen: 8.94 ppbv

RT: 7.87 min Scan# 1581

Delta R.T. 0.01 min

Lab File: VL038747.D

Acq: 24 Mar 2022 12:05

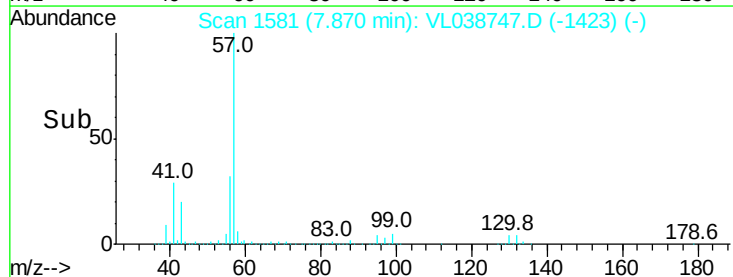
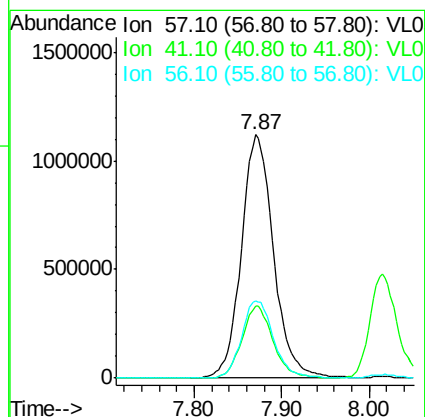
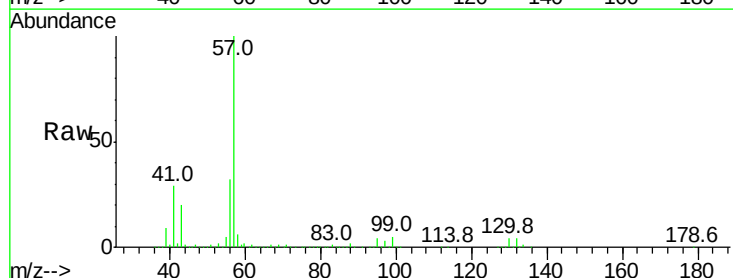
Tgt Ion: 57 Resp: 2865366

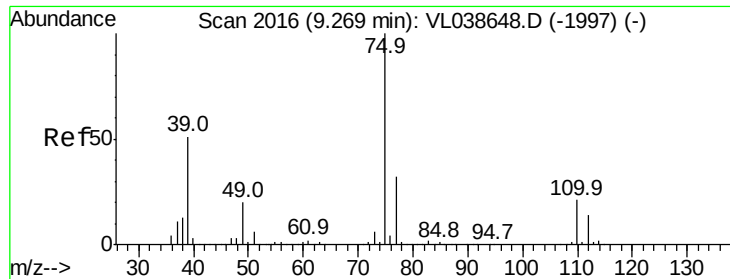
Ion Ratio Lower Upper

57 100

41 28.8 23.0 34.4

56 31.4 25.3 37.9





#45

t-1,3-Dichloropropene

Concen: 11.64 ppbv

RT: 9.28 Instrument :

Delta R.T. MSVOA\_L

Lab File: ClientSampleId :

Acq: 24 Mar 2022 12:05 VSTDCCC010EC

Tgt Ion:

Ion Ratio

75 100

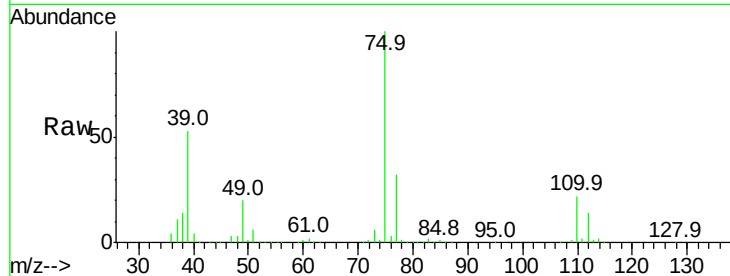
77 32.

Manual Integrations

APPROVED

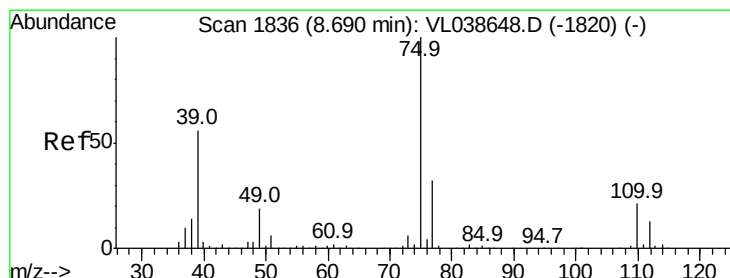
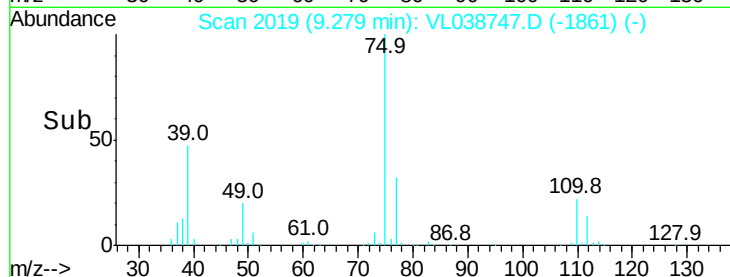
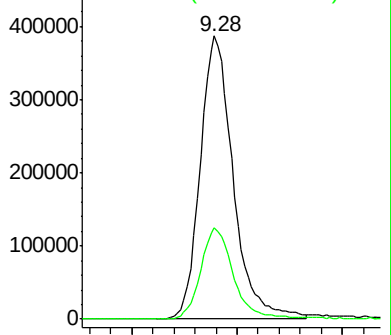
Reviewed By :Semsettin Yesilyurt 03/27/2022

Supervised By :Mahesh Dadoda 03/28/2022



Abundance Ion 75.10 (74.80 to 75.80): VL0

Ion 77.10 (76.80 to 77.80): VL0



#46

cis-1,3-Dichloropropene

Concen: 10.53 ppbv

RT: 8.71 min Scan# 1841

Delta R.T. 0.02 min

Lab File: VL038747.D

Acq: 24 Mar 2022 12:05

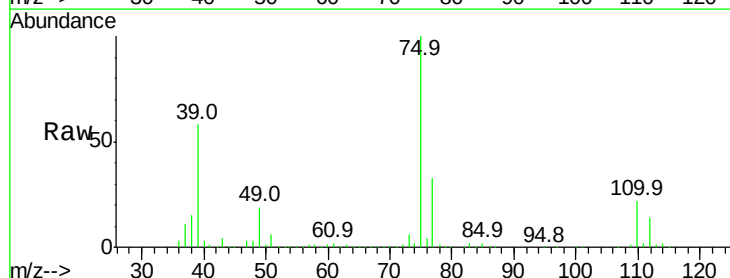
Tgt Ion: 75 Resp: 1026297

Ion Ratio Lower Upper

75 100

39 58.3 44.8 67.2

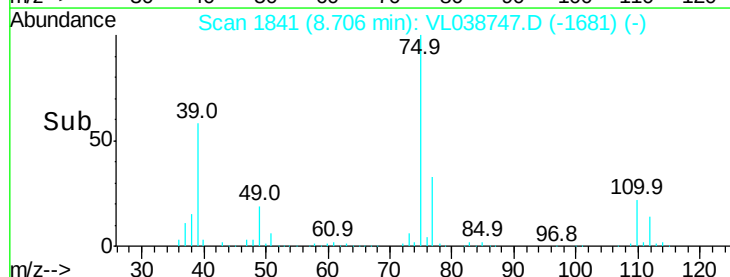
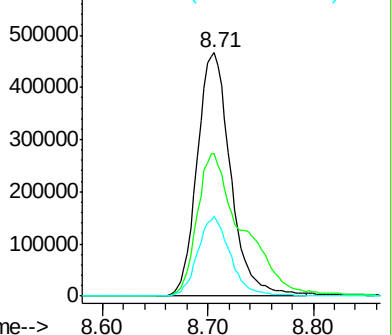
77 32.5 25.4 38.0

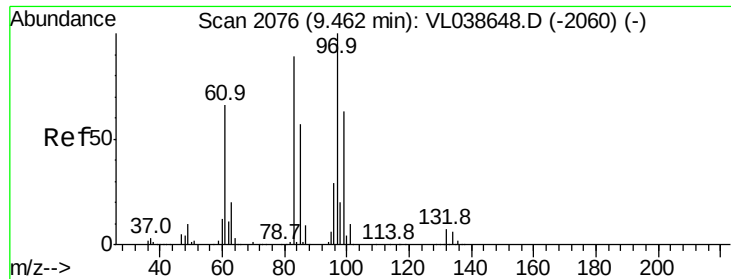


Abundance Ion 75.00 (74.70 to 75.70): VL0

Ion 39.00 (38.70 to 39.70): VL0

Ion 77.00 (76.70 to 77.70): VL0



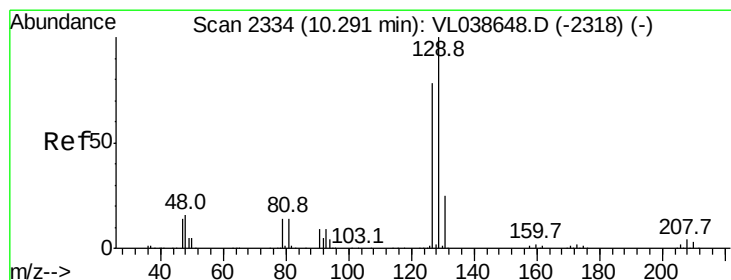
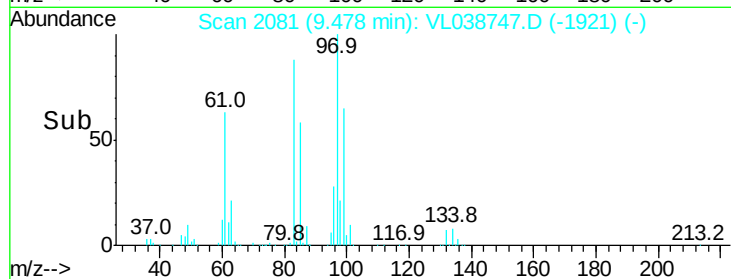
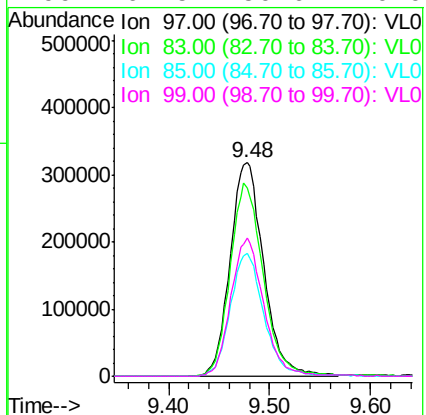
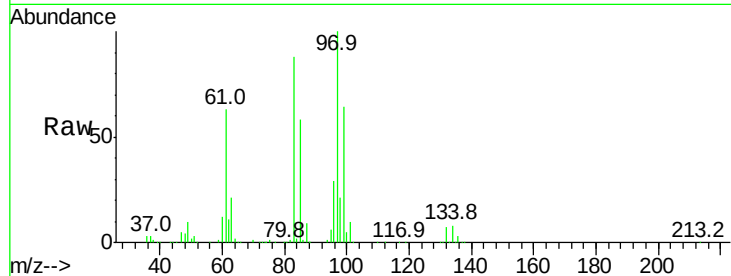


#47  
 1,1,2-Trichloroethane  
 Concen: 9.24 ppbv  
 RT: 9.48  
 Instrument: MSVOA\_L  
 Delta R.T.:  
 Lab File: ClientSampleId:  
 VSTDCCC010EC  
 Acq: 24 Mar 2022 12:05

Tgt Ion:  
 Ion Ratio  
 97 100  
 83 87.  
 85 57.  
 99 64.5 50.6 76.0

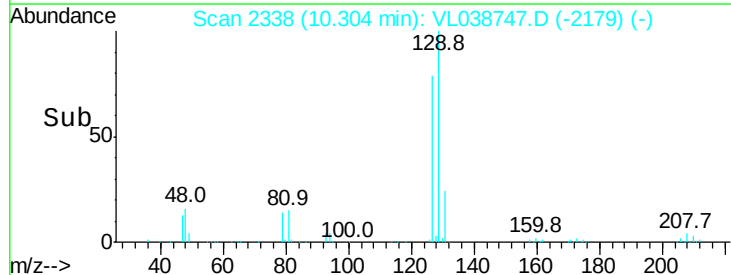
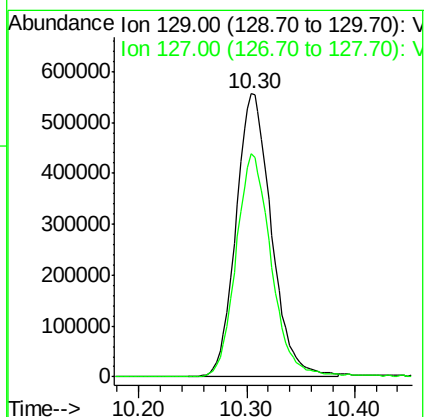
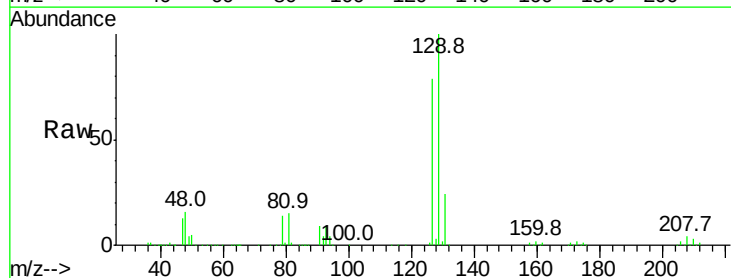
Manual Integrations  
 APPROVED

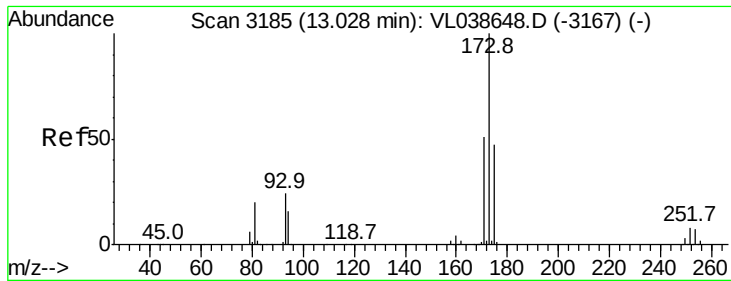
Reviewed By :Semsettin Yesilyurt 03/27/2022  
 Supervised By :Mahesh Dadoda 03/28/2022



#48  
 Dibromochloromethane  
 Concen: 10.21 ppbv  
 RT: 10.30 min Scan# 2338  
 Delta R.T. 0.01 min  
 Lab File: VL038747.D  
 Acq: 24 Mar 2022 12:05

Tgt Ion:129 Resp: 1273993  
 Ion Ratio Lower Upper  
 129 100  
 127 78.9 39.5 118.5





#49

Bromoform

Concen: 10.49 ppbv

RT: 13.04

Delta R.T. MSVOA\_L

Lab File: ClientSampleId :

Acq: 24 Mar 2022 12:05

Tgt Ion:1

Ion Ratio

173 100

175 51.

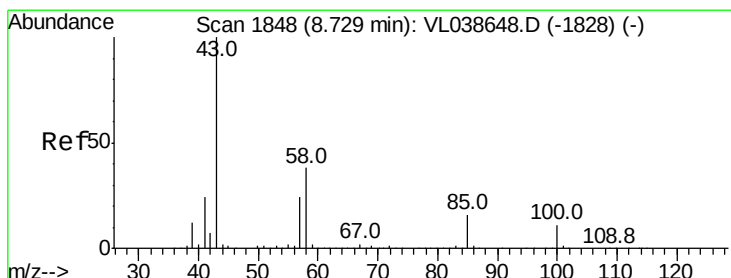
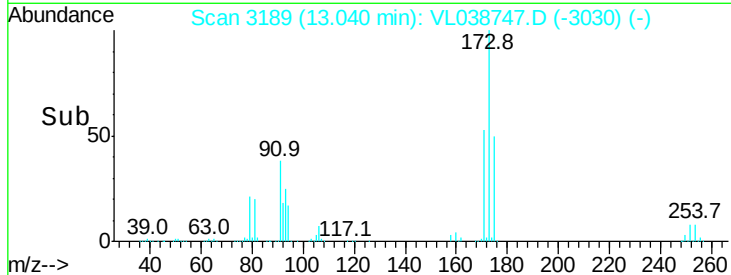
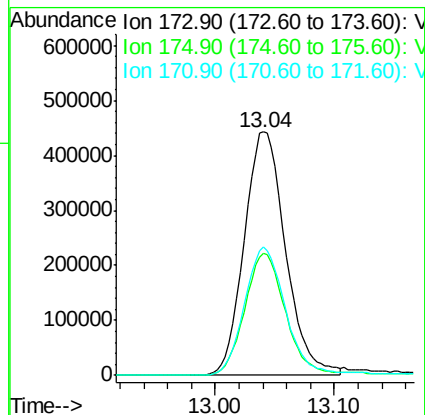
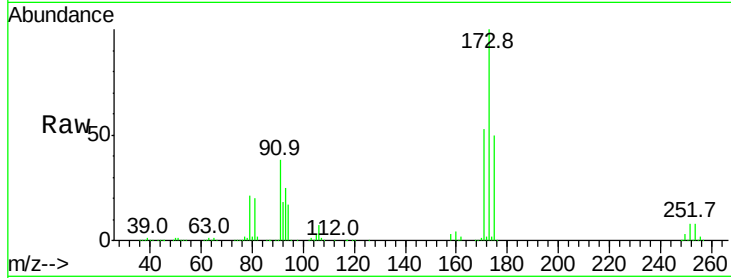
171 54.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/27/2022

Supervised By :Mahesh Dadoda 03/28/2022



#50

4-Methyl-2-Pentanone

Concen: 9.47 ppbv

RT: 8.74 min Scan# 1852

Delta R.T. 0.01 min

Lab File: VL038747.D

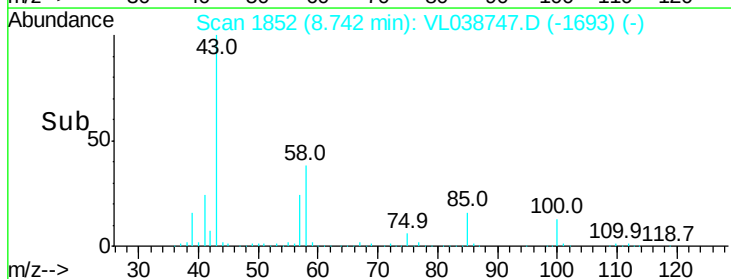
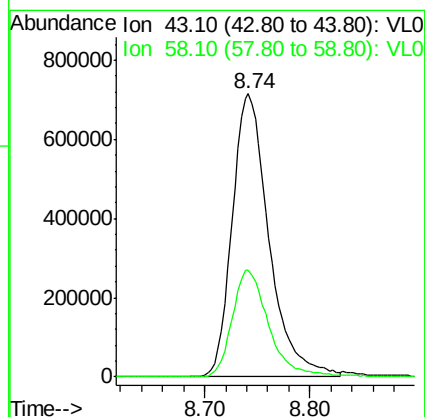
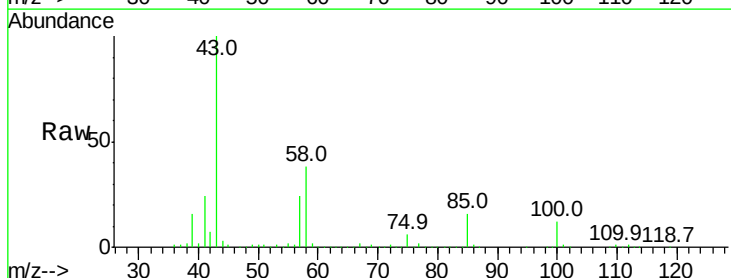
Acq: 24 Mar 2022 12:05

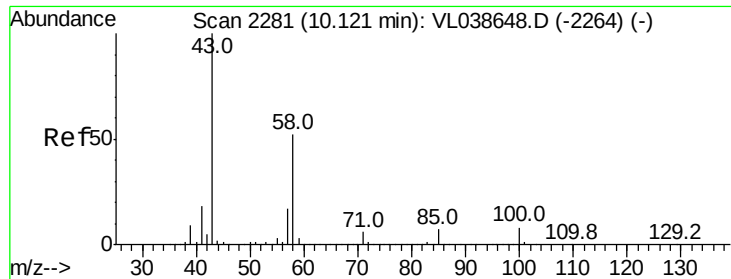
Tgt Ion: 43 Resp: 1724401

Ion Ratio Lower Upper

43 100

58 37.9 29.9 44.9





#51

2-Hexanone

Concen: 10.26 ppbv

RT: 10.13

Instrument: MSVOA\_L

Delta R.T.:

Lab File: ClientSampleId:

Acq: 24 Mar 2022 12:05

Tgt Ion:

Ion Ratio

43 100

58 52.

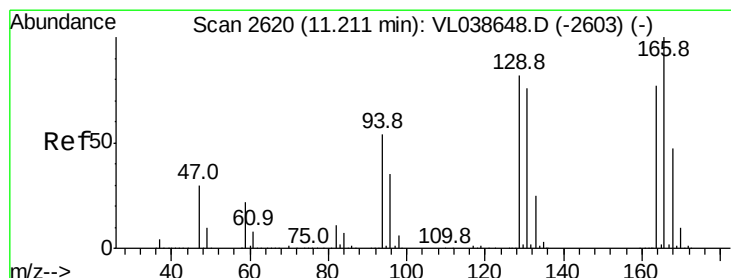
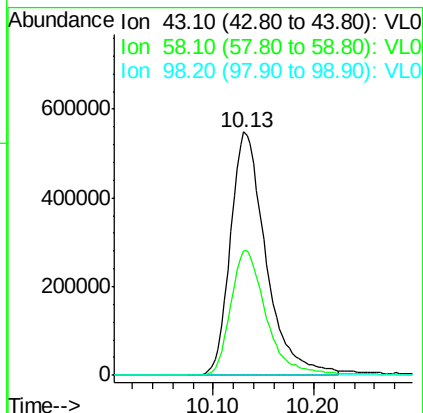
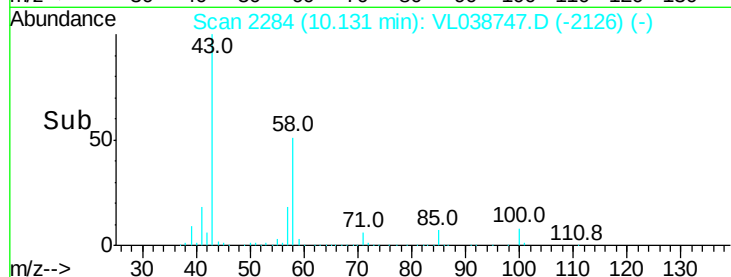
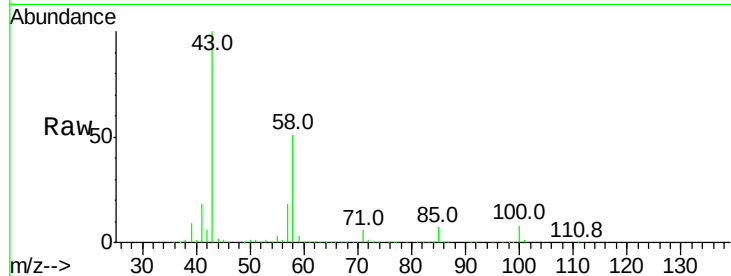
98 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/27/2022

Supervised By :Mahesh Dadoda 03/28/2022



#52

Tetrachloroethene

Concen: 9.72 ppbv

RT: 11.22 min Scan# 2624

Delta R.T. 0.01 min

Lab File: VL038747.D

Acq: 24 Mar 2022 12:05

Tgt Ion:164 Resp: 679478

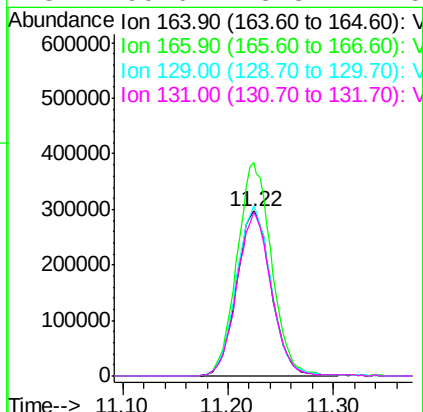
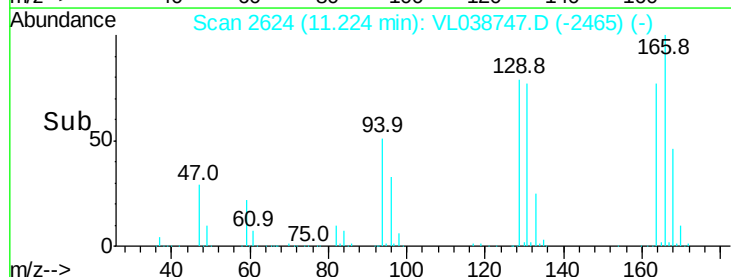
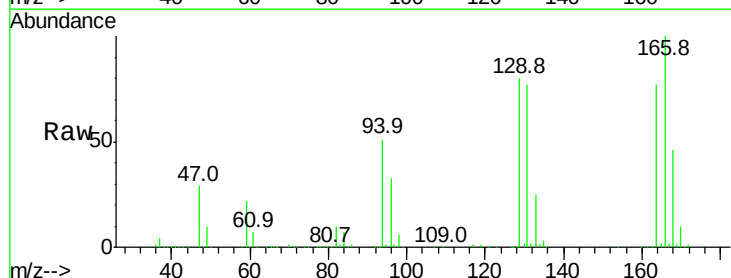
Ion Ratio Lower Upper

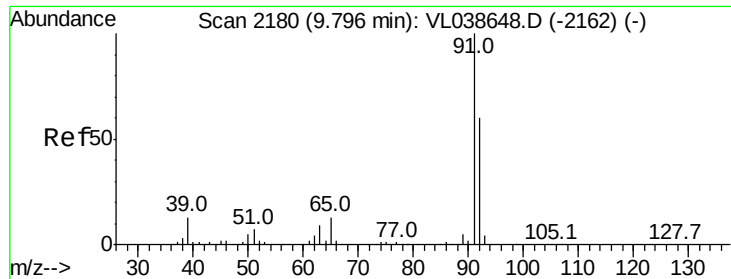
164 100

166 129.5 103.3 154.9

129 103.0 85.2 127.8

131 99.6 78.3 117.5





#53

Toluene

Concen: 9.94 ppbv

RT: 9.81

Delta R.T. MSVOA\_L

Lab File: ClientSampleId:

Acq: 24 Mar 2022 12:05

Tgt Ion:

Ion Ratio

91 100

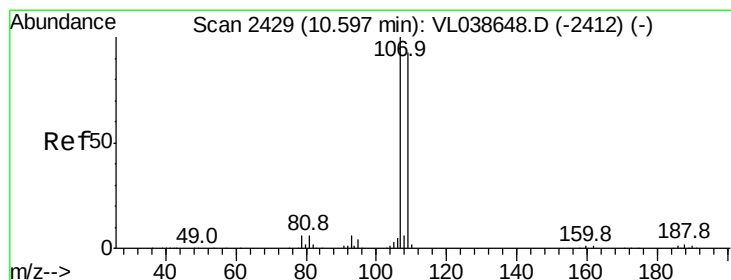
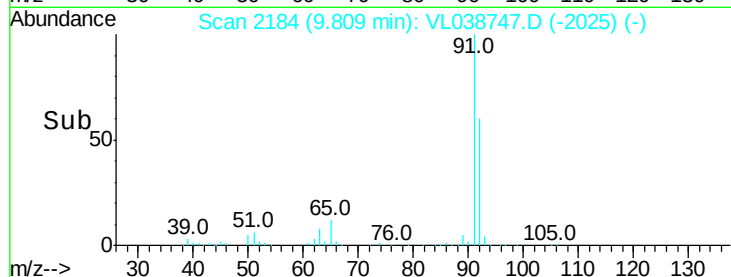
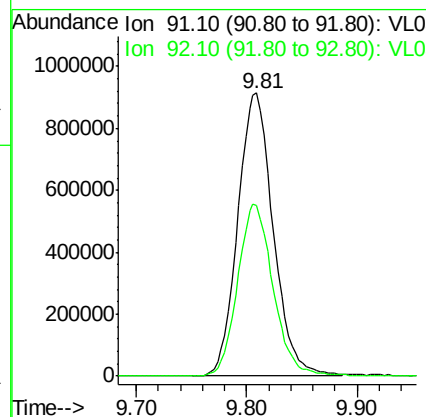
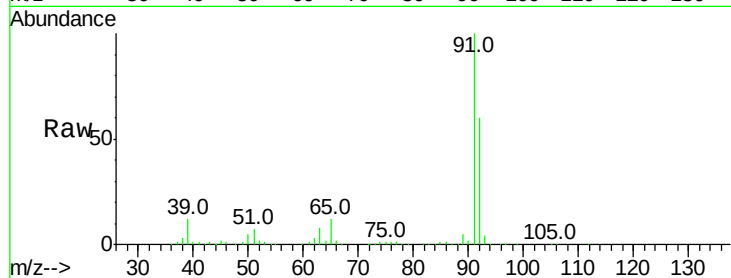
92 61.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/27/2022

Supervised By :Mahesh Dadoda 03/28/2022



#54

1,2-Dibromoethane

Concen: 10.03 ppbv

RT: 10.61 min Scan# 2433

Delta R.T. 0.01 min

Lab File: VL038747.D

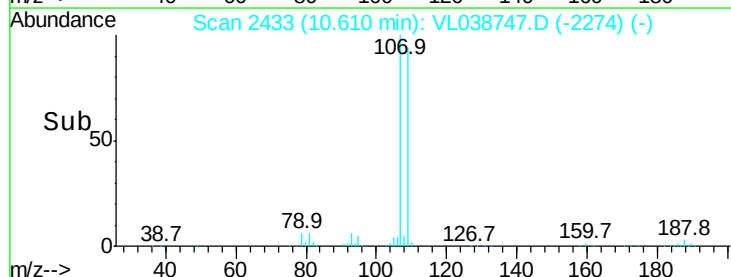
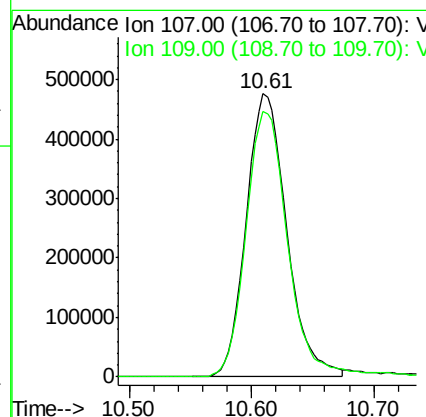
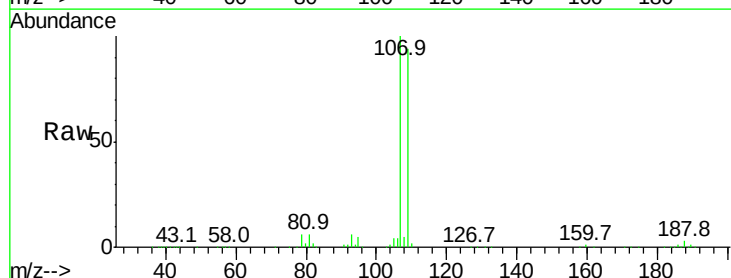
Acq: 24 Mar 2022 12:05

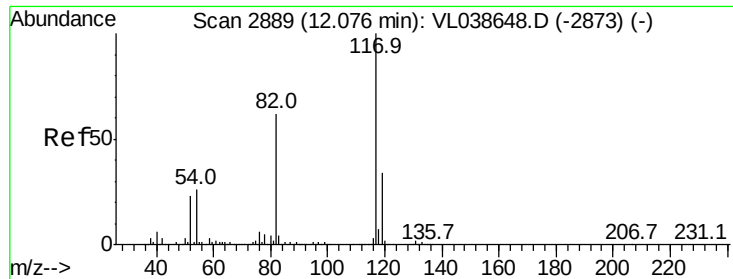
Tgt Ion:107 Resp: 1090867

Ion Ratio Lower Upper

107 100

109 94.0 74.1 111.1



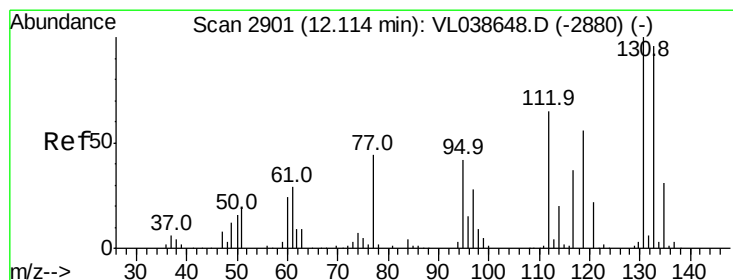
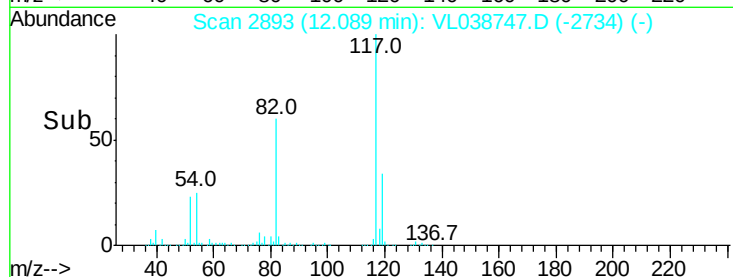
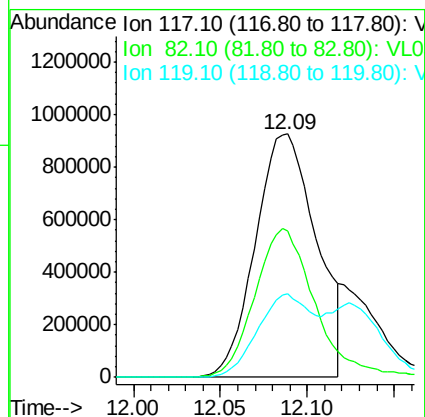
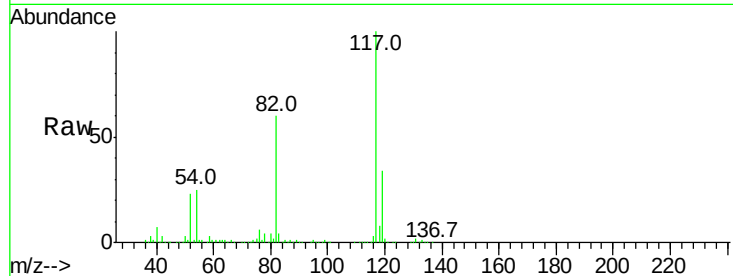


#55  
Chlorobenzene-d5  
Concen: 10.00 ppbv m  
RT: 12.09  
Instrument: MSVOA\_L  
Delta R.T.:  
Lab File: ClientSampleId :  
Acq: 24 Mar 2022 12:05

Tgt Ion:1  
Ion Rati  
117 100  
82 62.  
119 31.

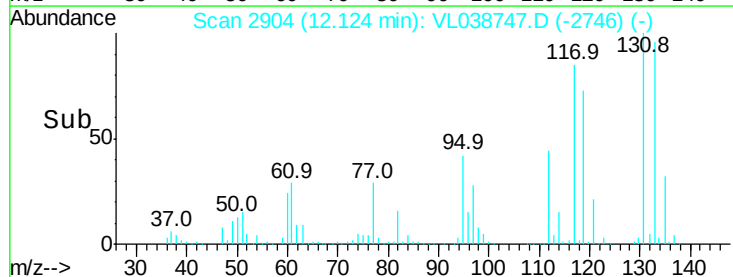
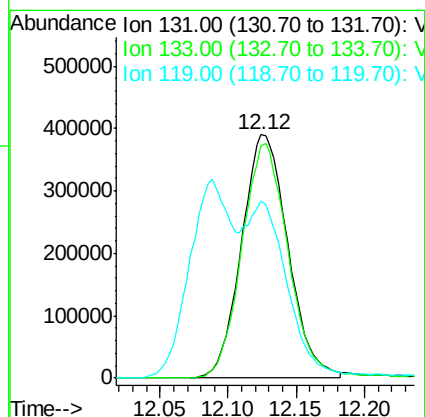
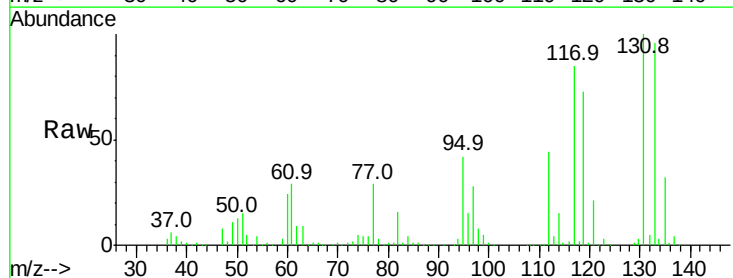
Manual Integrations  
APPROVED

Reviewed By :Semsettin Yesilyurt 03/27/2022  
Supervised By :Mahesh Dadoda 03/28/2022

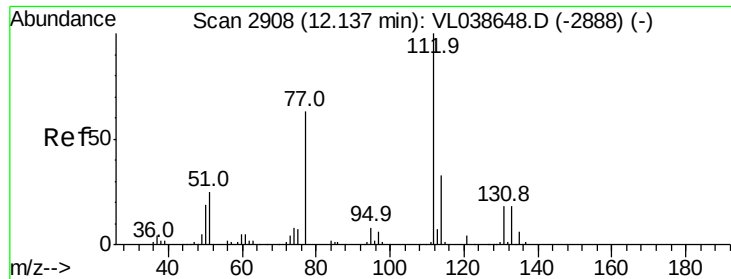


#56  
1,1,1,2-Tetrachloroethane  
Concen: 9.84 ppbv  
RT: 12.12 min Scan# 2904  
Delta R.T. 0.01 min  
Lab File: VL038747.D  
Acq: 24 Mar 2022 12:05

Tgt Ion:131 Resp: 920852  
Ion Ratio Lower Upper  
131 100  
133 98.4 77.3 115.9  
119 68.2 53.0 79.6





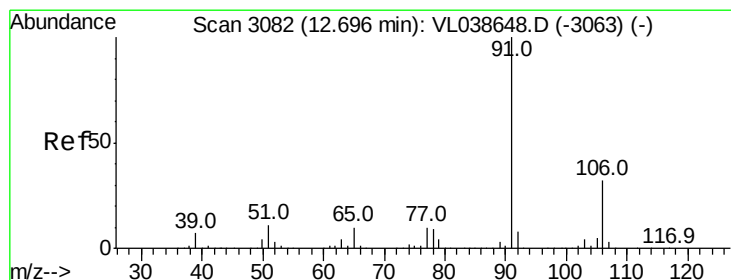
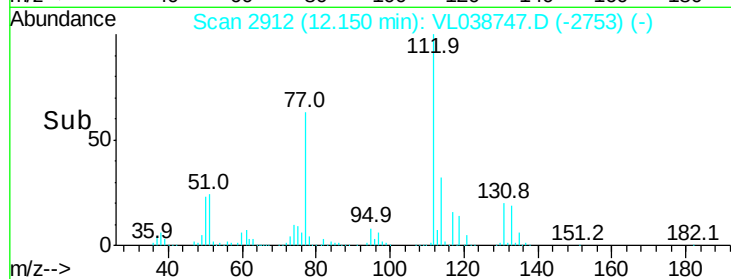
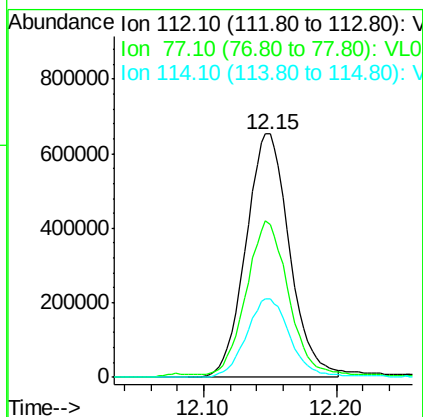
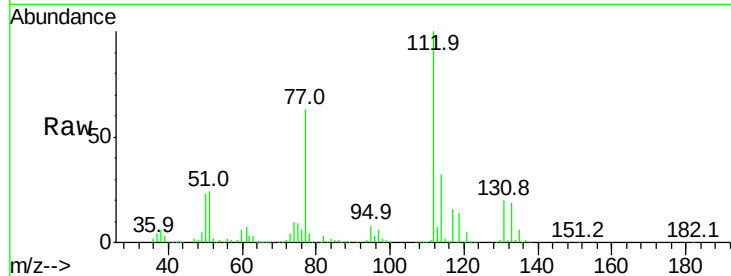


#57  
Chlorobenzene  
Concen: 9.19 ppbv  
RT: 12.15 min  
Instrument: MSVOA\_1  
Delta R.T.: 0.01 min  
Lab File: ClientSampleId : VSTDCCC010EC  
Acq: 24 Mar 2022 12:05

Tgt Ion: 112.10  
Ion Ratio: 100  
77 61.1  
114 32.1

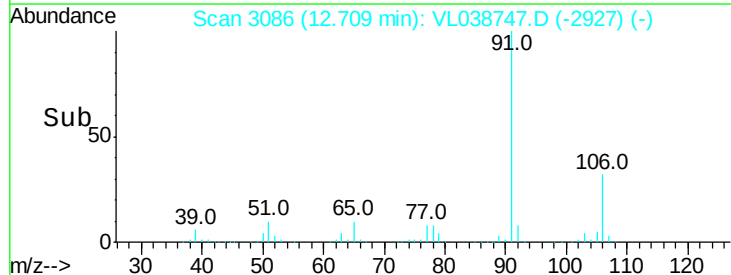
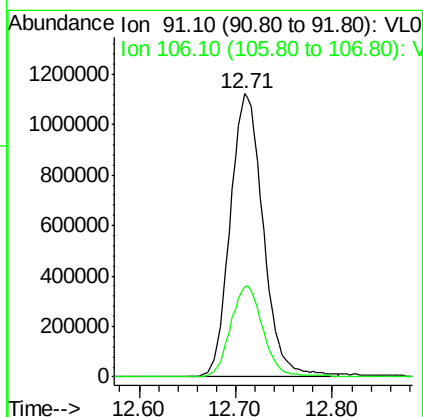
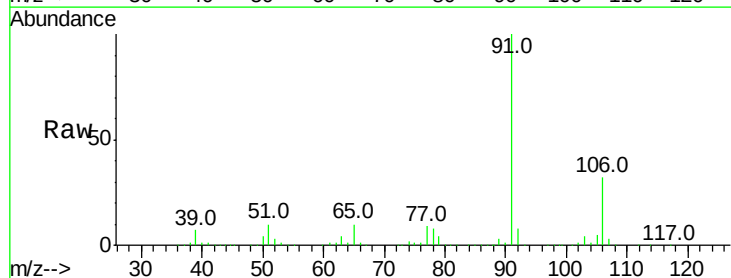
Manual Integrations  
APPROVED

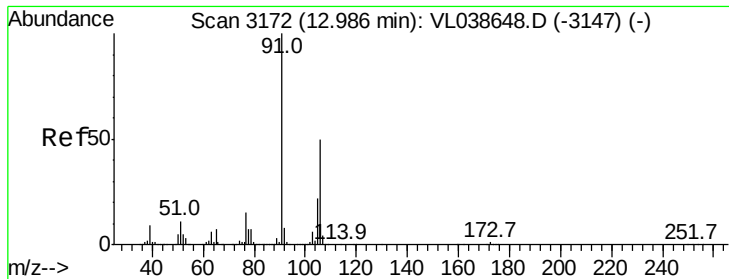
Reviewed By : Semsettin Yesilyurt 03/27/2022  
Supervised By : Mahesh Dadoda 03/28/2022



#58  
Ethyl Benzene  
Concen: 10.08 ppbv  
RT: 12.71 min Scan# 3086  
Delta R.T.: 0.01 min  
Lab File: VL038747.D  
Acq: 24 Mar 2022 12:05

Tgt Ion: 91 Resp: 2660732  
Ion Ratio Lower Upper  
91 100  
106 32.0 25.4 38.0



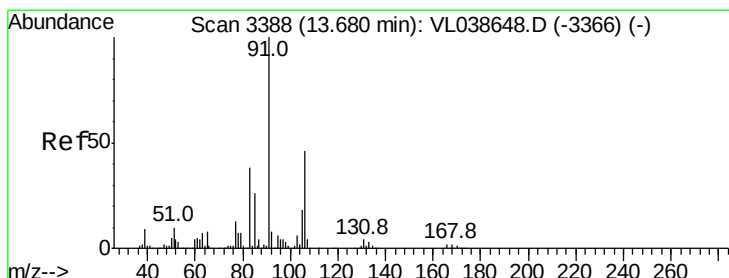
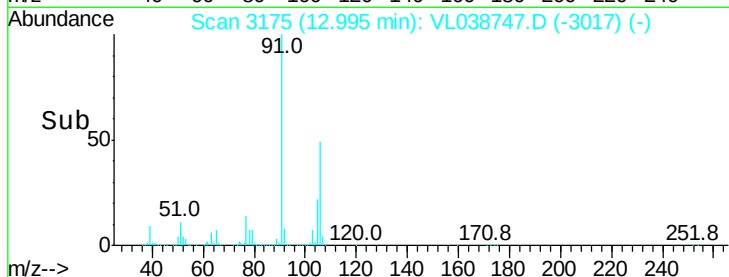
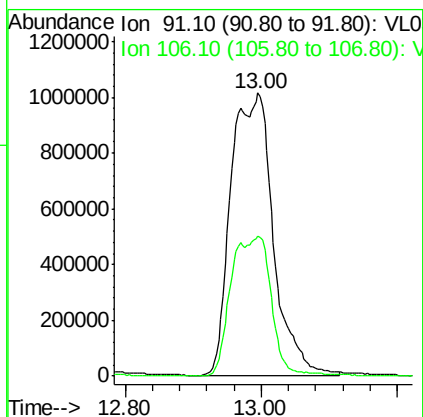
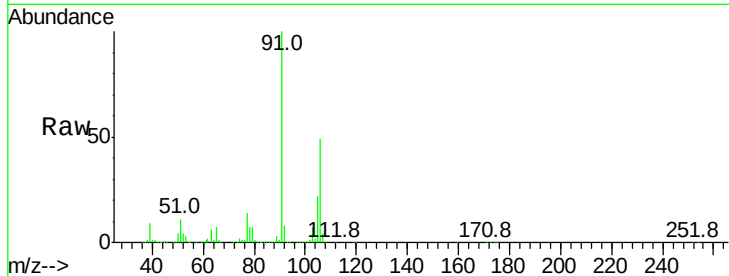


#59  
m/p-Xylene  
Concen: 19.05 ppbv m  
RT: 13.00  
Instrument: MSVOA\_L  
Delta R.T.:  
Lab File: ClientSampleId:  
Acq: 24 Mar 2022 12:05

Tgt Ion:  
Ion Ratio  
91 100  
106 47.

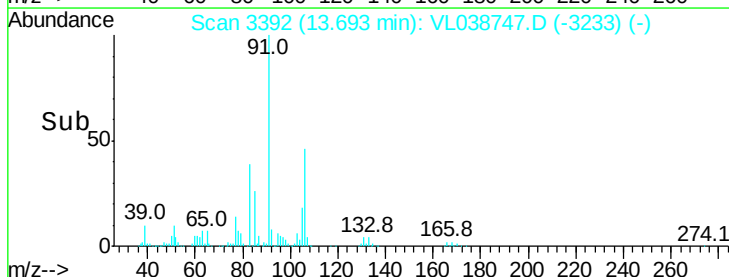
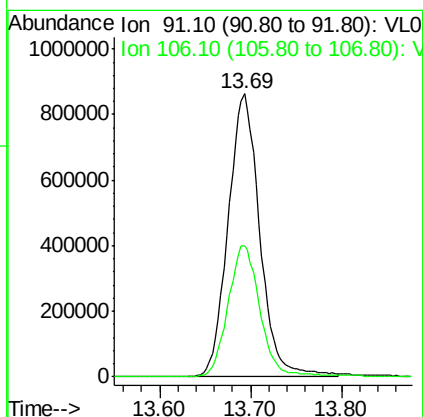
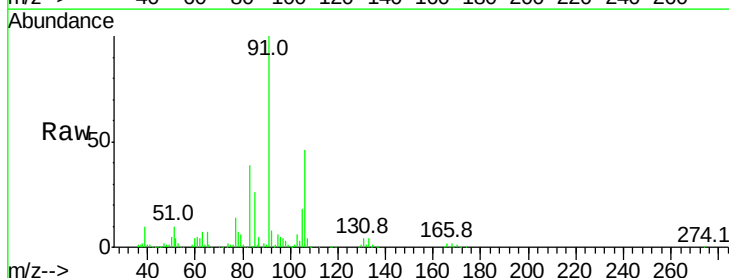
Manual Integrations  
APPROVED

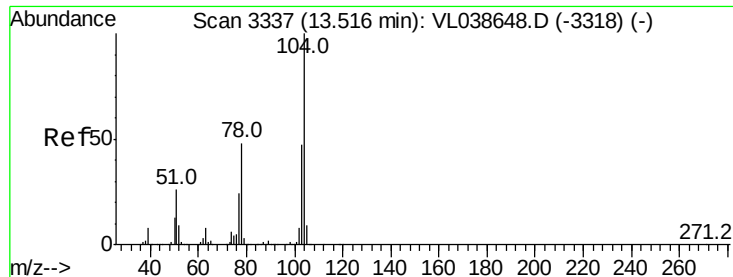
Reviewed By :Semsettin Yesilyurt 03/27/2022  
Supervised By :Mahesh Dadoda 03/28/2022



#60  
o-Xylene  
Concen: 9.51 ppbv  
RT: 13.69 min Scan# 3392  
Delta R.T. 0.01 min  
Lab File: VL038747.D  
Acq: 24 Mar 2022 12:05

Tgt Ion: 91 Resp: 2084587  
Ion Ratio Lower Upper  
91 100  
106 47.5 23.5 70.5





#61

Styrene

Concen: 11.02 ppbv

RT: 13.53

Delta R.T. MSVOA\_L

Lab File: ClientSampleId:

Acq: 24 Mar 2022 12:05

Tgt Ion:1

Ion Ratio

104 100

78 48.

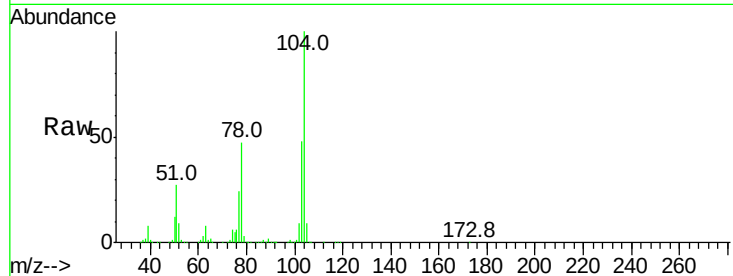
103 47.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/27/2022

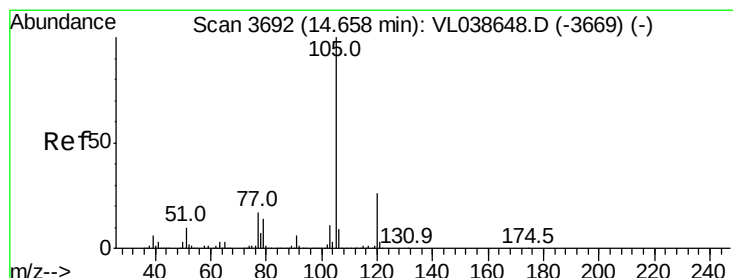
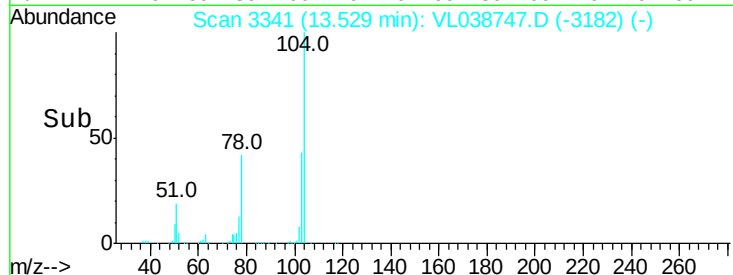
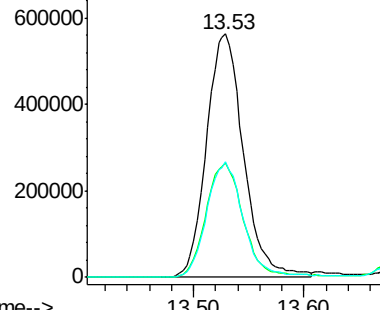
Supervised By :Mahesh Dadoda 03/28/2022



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 9.96 ppbv

RT: 14.67 min Scan# 3695

Delta R.T. 0.01 min

Lab File: VL038747.D

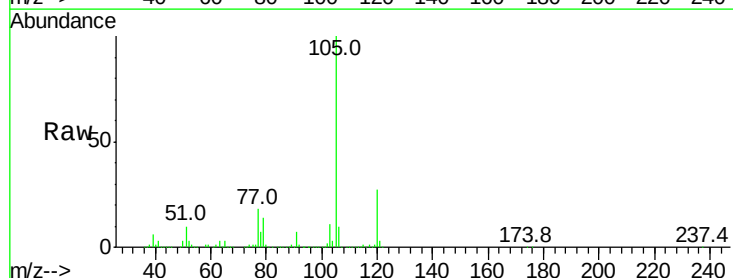
Acq: 24 Mar 2022 12:05

Tgt Ion:105 Resp: 3281365

Ion Ratio Lower Upper

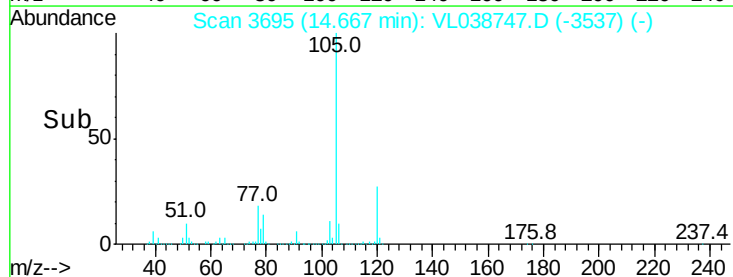
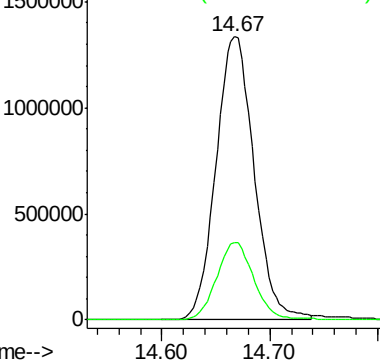
105 100

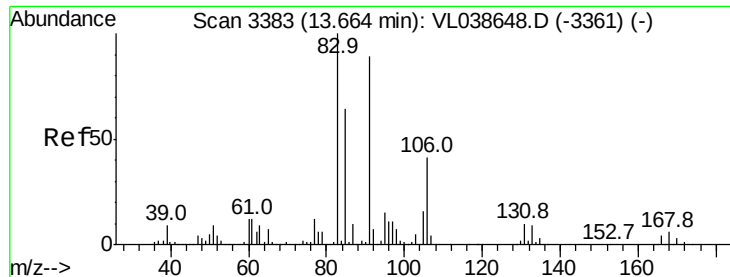
120 27.0 21.2 31.8



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



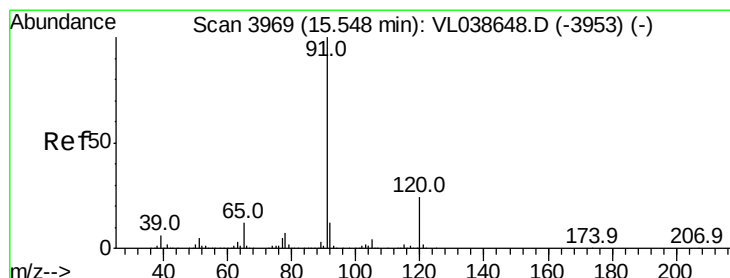
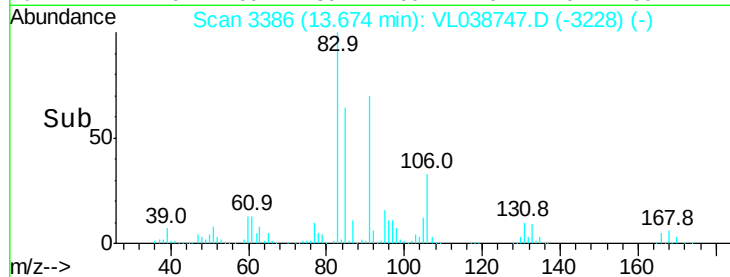
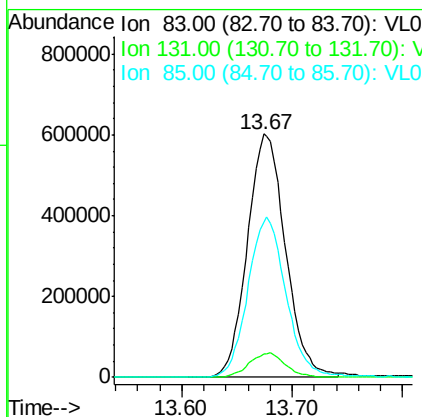
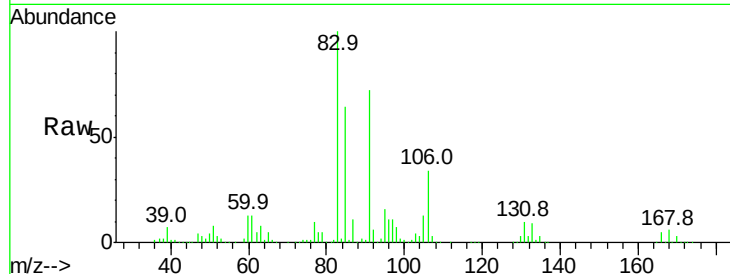


#63  
 1,1,2,2-Tetrachloroethane  
 Concen: 8.53 ppbv  
 RT: 13.67 min  
 Instrument: MSVOA\_L  
 Delta R.T.:  
 Lab File: ClientSampleId :  
 VSTDCCC010EC  
 Acq: 24 Mar 2022 12:05

Tgt Ion:  
 Ion Ratio  
 83 100  
 131 9.  
 85 66.

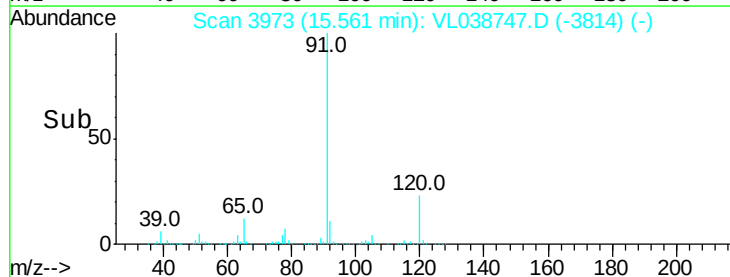
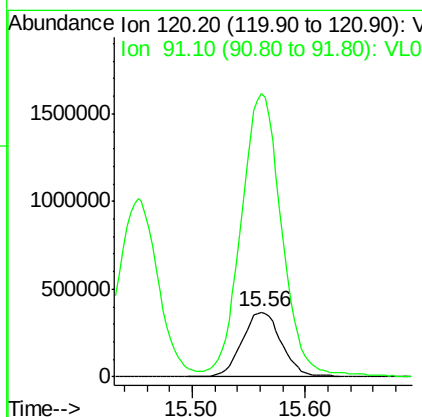
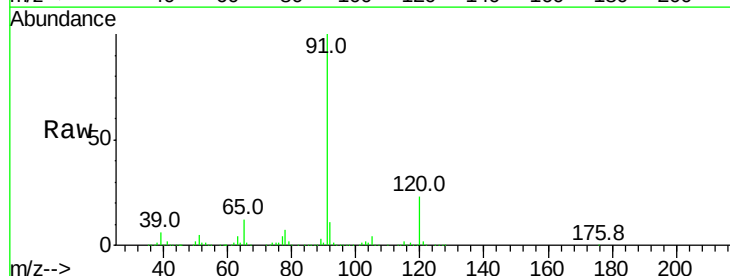
Manual Integrations  
 APPROVED

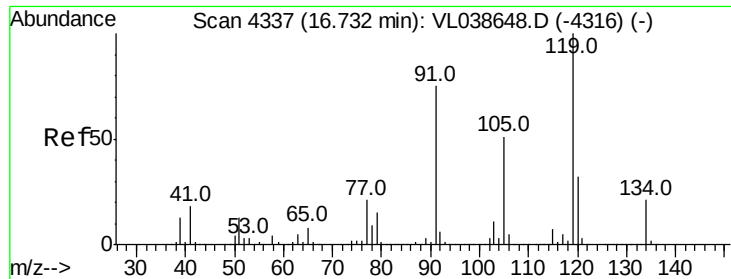
Reviewed By :Semsettin Yesilyurt 03/27/2022  
 Supervised By :Mahesh Dadoda 03/28/2022



#64  
 n-propylbenzene  
 Concen: 10.33 ppbv  
 RT: 15.56 min Scan# 3973  
 Delta R.T. 0.01 min  
 Lab File: VL038747.D  
 Acq: 24 Mar 2022 12:05

Tgt Ion:120 Resp: 892957  
 Ion Ratio Lower Upper  
 120 100  
 91 452.0 368.0 552.0



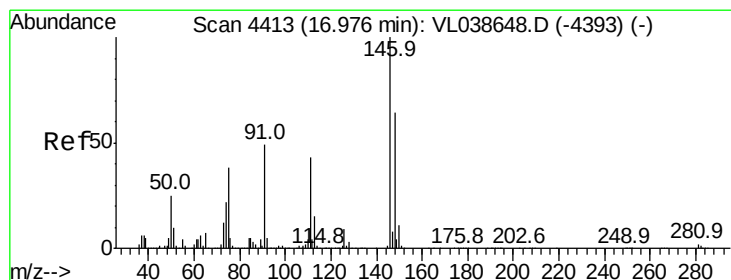
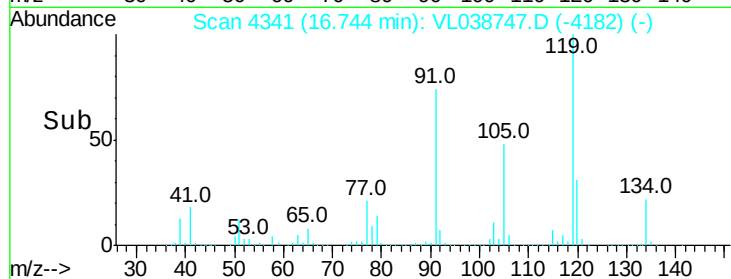
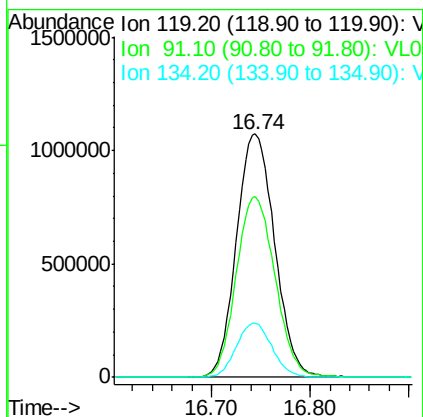
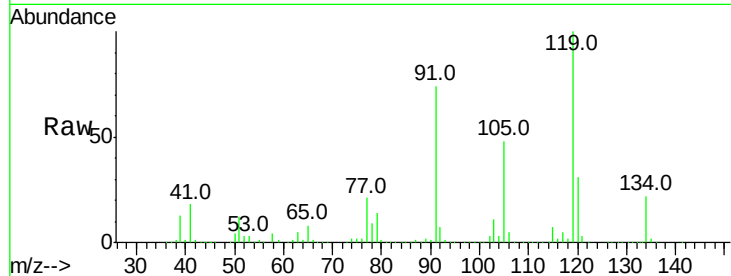


#65  
 tert-Butylbenzene  
 Concen: 9.74 ppbv  
 RT: 16.74 min  
 Delta R.T. 0.01 min  
 Lab File: VL038648.D  
 Acq: 24 Mar 2022 12:05

Tgt Ion: 119.0  
 Ion Ratio: 100  
 91 75.0  
 134 20.0

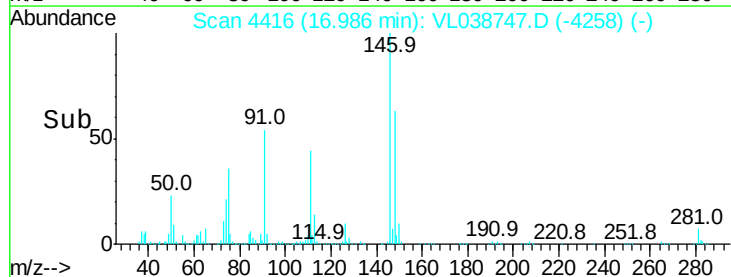
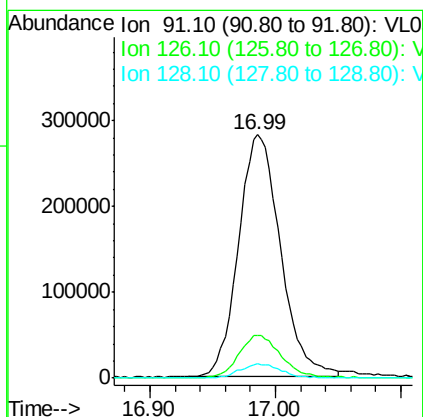
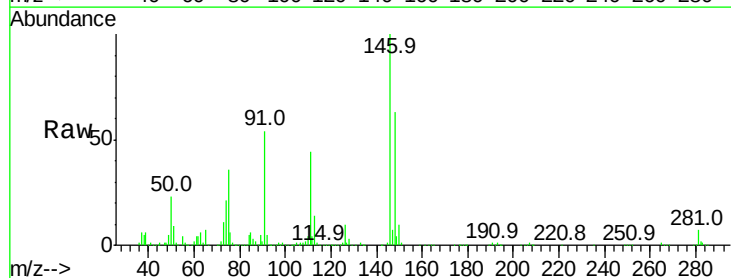
Manual Integrations  
 APPROVED

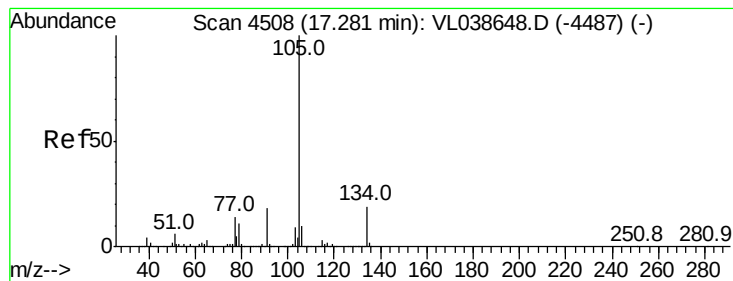
Reviewed By : Semsettin Yesilyurt 03/27/2022  
 Supervised By : Mahesh Dadoda 03/28/2022



#66  
 Benzyl Chloride  
 Concen: 11.72 ppbv  
 RT: 16.99 min Scan# 4416  
 Delta R.T. 0.01 min  
 Lab File: VL038747.D  
 Acq: 24 Mar 2022 12:05

Tgt Ion: 91 Resp: 656978  
 Ion Ratio Lower Upper  
 91 100  
 126 18.1 14.3 21.5  
 128 5.8 4.6 6.8





#67

sec-Butylbenzene

Concen: 9.74 ppbv

RT: 17.29

Delta R.T. MSVOA\_L

Lab File: ClientSampleId :

Acq: 24 Mar 2022 12:05

Tgt Ion:1

Ion Rati

105 100

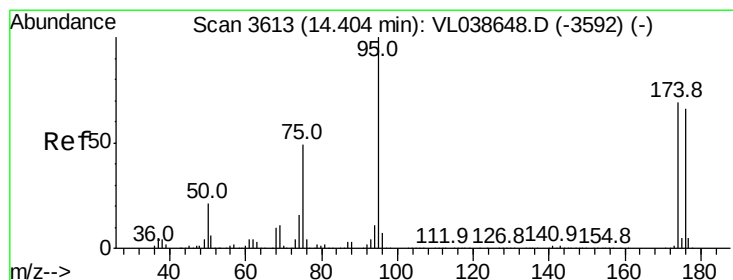
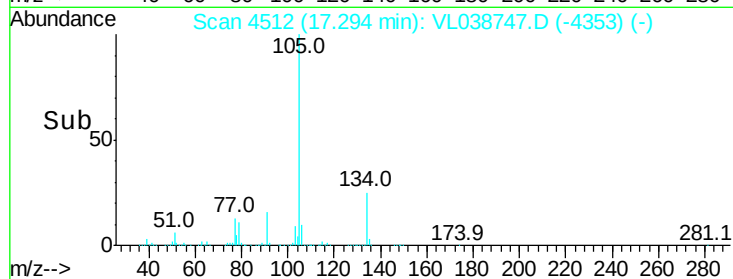
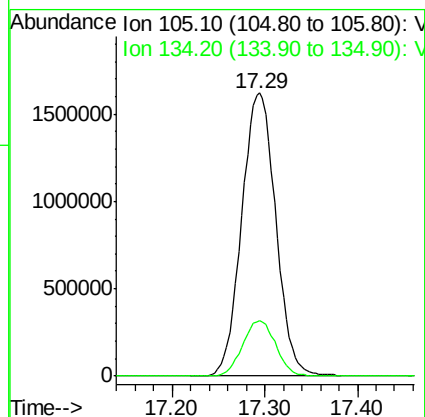
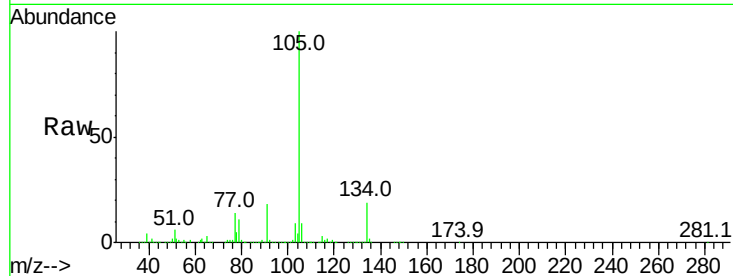
134 19.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/27/2022

Supervised By :Mahesh Dadoda 03/28/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 9.67 ppbv

RT: 14.41 min Scan# 3616

Delta R.T. 0.01 min

Lab File: VL038747.D

Acq: 24 Mar 2022 12:05

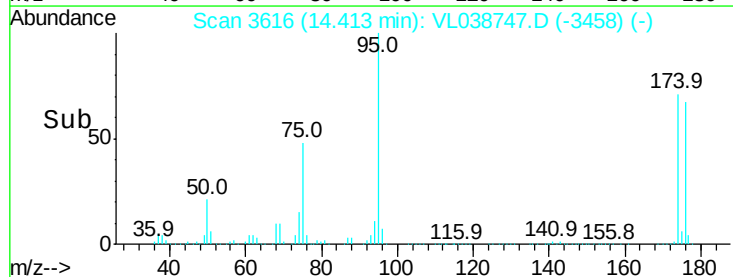
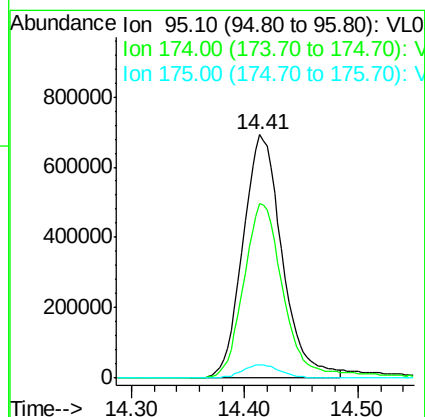
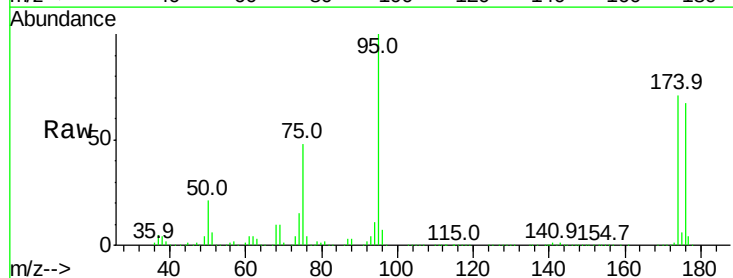
Tgt Ion: 95 Resp: 1672993

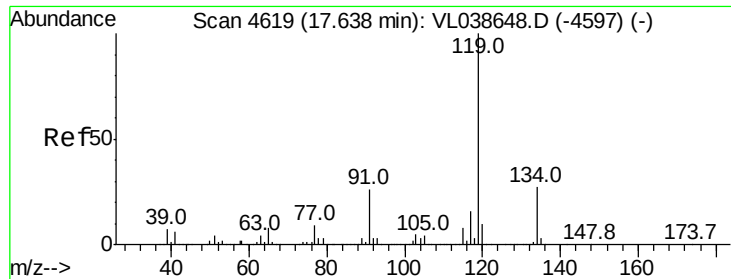
Ion Ratio Lower Upper

95 100

174 74.3 56.1 84.1

175 5.6 4.2 6.2



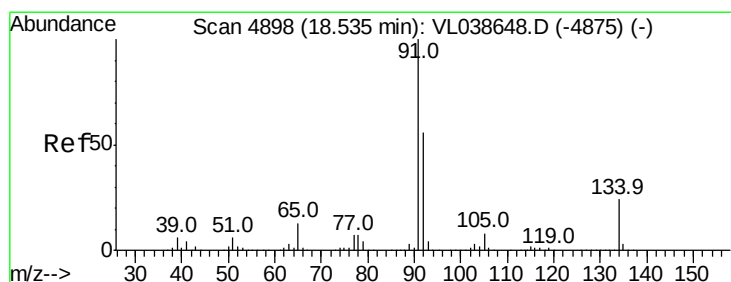
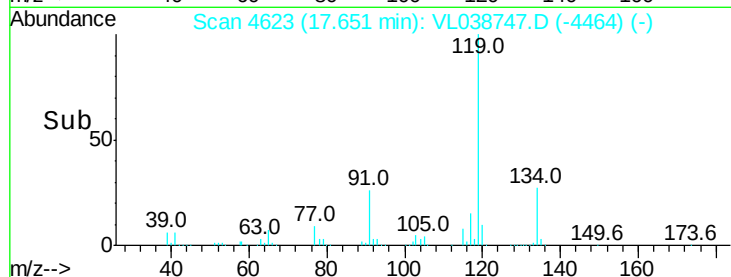
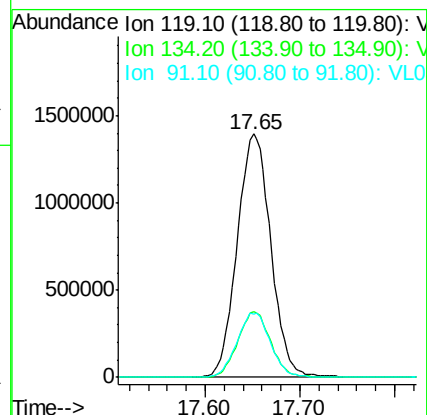
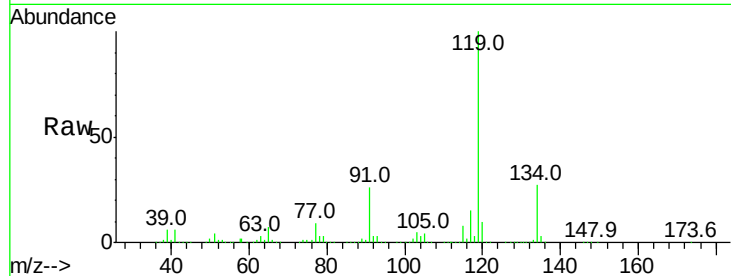


#69  
 p-Isopropyltoluene  
 Concen: 9.96 ppbv  
 RT: 17.65 min  
 Instrument: MSVOA\_L  
 Delta R.T.:  
 Lab File: ClientSampleId :  
 VSTDCCC010EC  
 Acq: 24 Mar 2022 12:05

Tgt Ion: 1  
 Ion Ratio  
 119 100  
 134 26.  
 91 26.

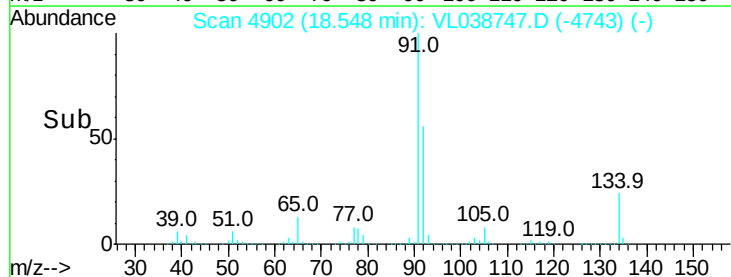
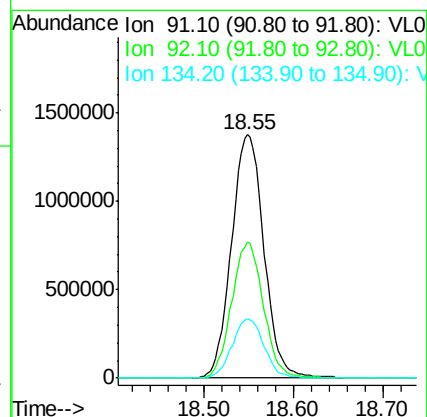
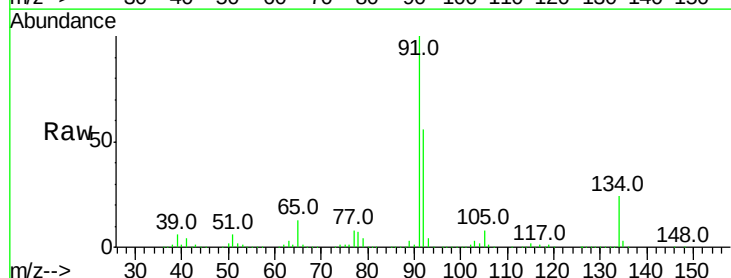
Manual Integrations  
 APPROVED

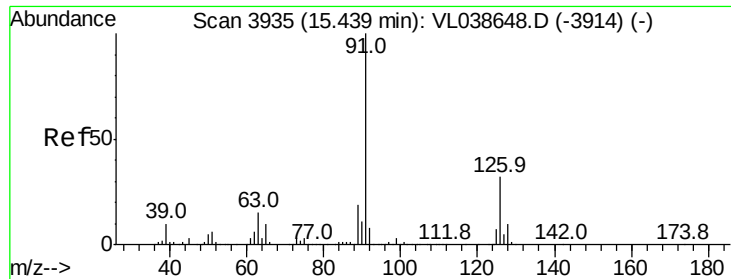
Reviewed By :Semsettin Yesilyurt 03/27/2022  
 Supervised By :Mahesh Dadoda 03/28/2022



#70  
 n-Butylbenzene  
 Concen: 9.71 ppbv  
 RT: 18.55 min Scan# 4902  
 Delta R.T. 0.01 min  
 Lab File: VL038747.D  
 Acq: 24 Mar 2022 12:05

Tgt Ion: 91 Resp: 3460334  
 Ion Ratio Lower Upper  
 91 100  
 92 54.9 43.9 65.9  
 134 24.2 18.7 28.1





#71

2-Chlorotoluene

Concen: 10.01 ppbv

RT: 15.45

Delta R.T. MSVOA\_L

Lab File: ClientSampleId:

Acq: 24 Mar 2022 12:05

Tgt Ion:

Ion Ratio

91 100

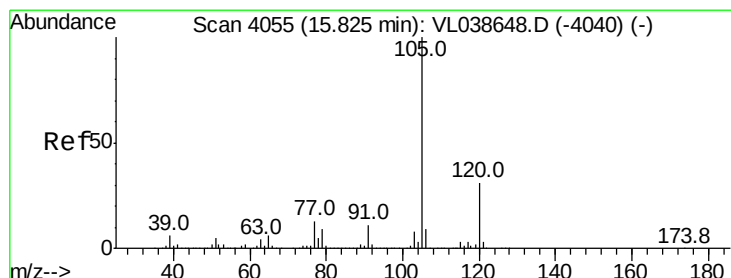
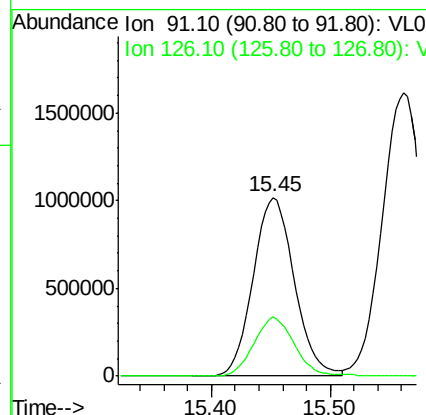
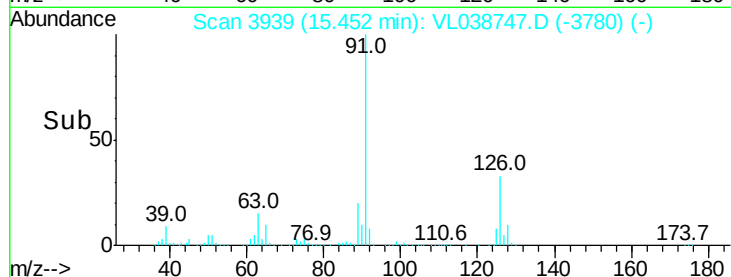
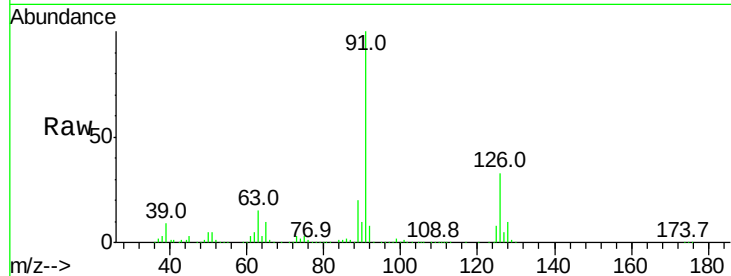
126 33.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/27/2022

Supervised By :Mahesh Dadoda 03/28/2022



#72

4-Ethyltoluene

Concen: 10.06 ppbv

RT: 15.84 min Scan# 4059

Delta R.T. 0.01 min

Lab File: VL038747.D

Acq: 24 Mar 2022 12:05

Tgt Ion:105 Resp: 2603231

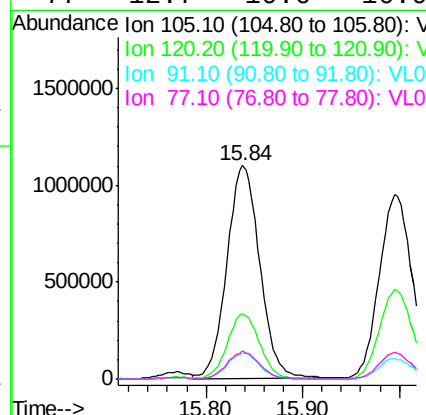
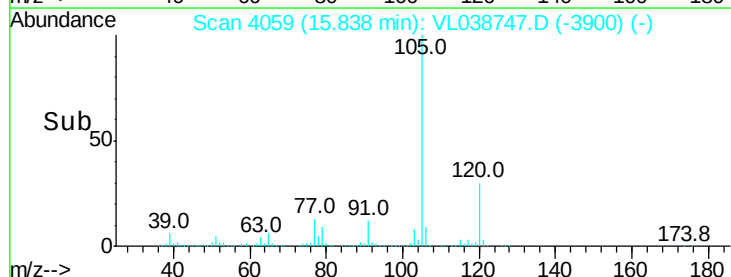
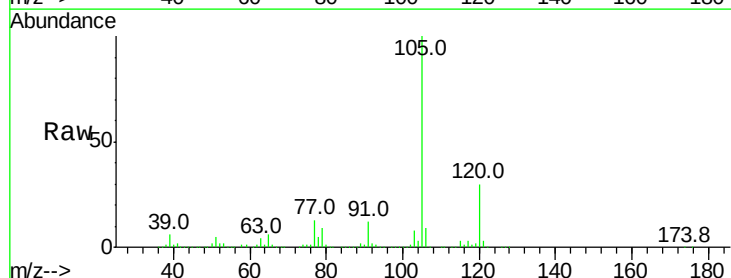
Ion Ratio Lower Upper

105 100

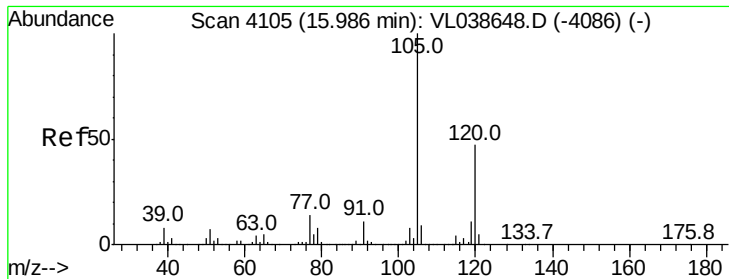
120 30.5 24.9 37.3

91 11.8 9.8 14.6

77 12.7 10.6 16.0



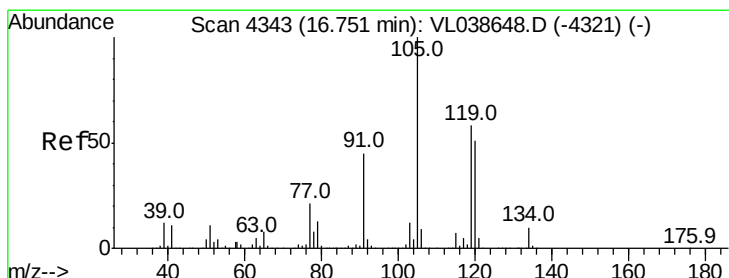
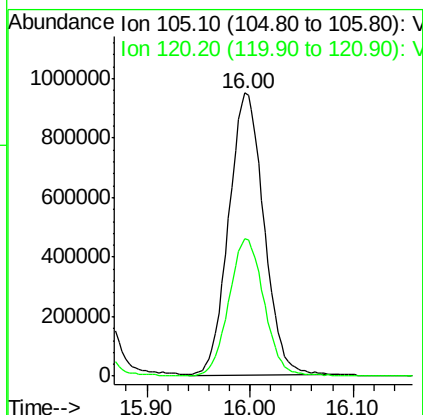
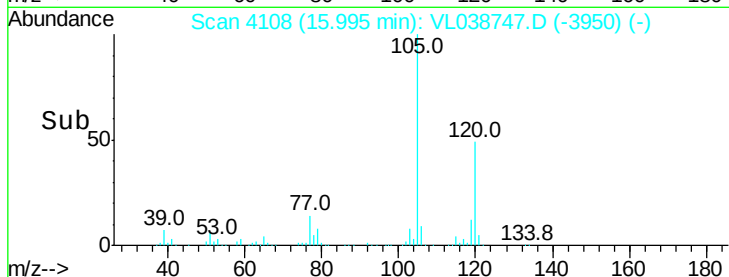
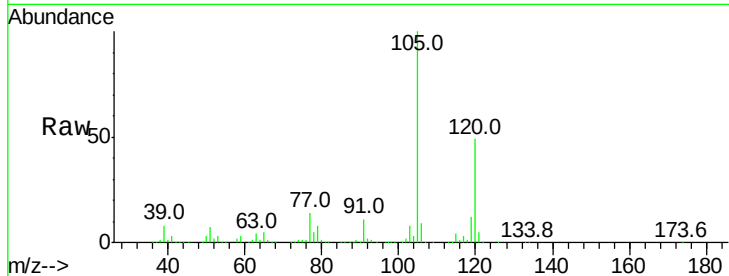




#73  
 1,3,5-Trimethylbenzene  
 Concen: 9.53 ppbv  
 RT: 16.00 min  
 Delta R.T. 0.01 min  
 Lab File: VSTDCCC010EC  
 Acq: 24 Mar 2022 12:05

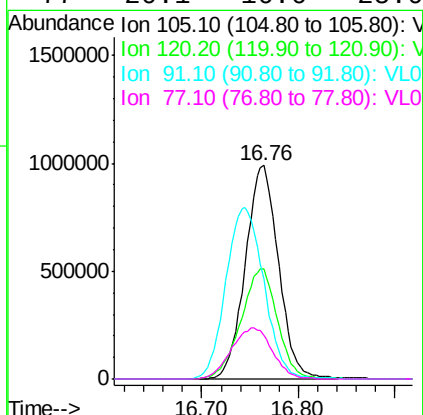
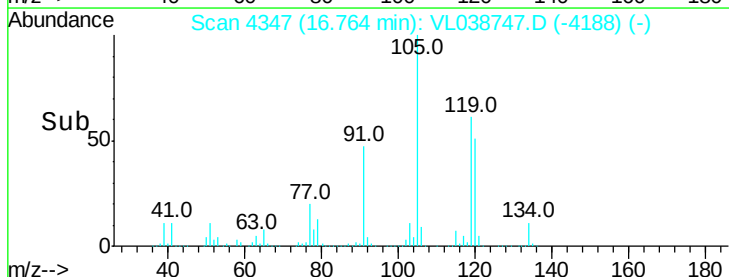
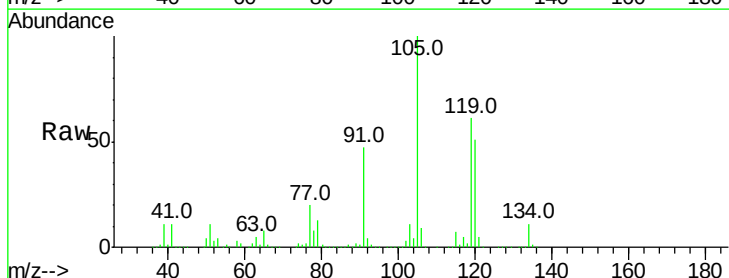
Manual Integrations  
 APPROVED

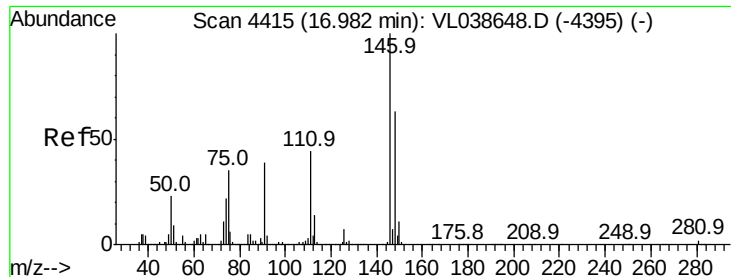
Reviewed By :Semsettin Yesilyurt 03/27/2022  
 Supervised By :Mahesh Dadoda 03/28/2022



#74  
 1,2,4-Trimethylbenzene  
 Concen: 9.20 ppbv  
 RT: 16.76 min Scan# 4347  
 Delta R.T. 0.01 min  
 Lab File: VL038747.D  
 Acq: 24 Mar 2022 12:05

Tgt Ion:105 Resp: 2363404  
 Ion Ratio Lower Upper  
 105 100  
 120 51.2 40.5 60.7  
 91 46.6 35.9 53.9  
 77 20.1 16.6 25.0





#75

1,3-Dichlorobenzene

Concen: 9.23 ppbv

RT: 17.00

Delta R.T. MSVOA\_L

Lab File: ClientSampled :

Acq: 24 Mar 2022 12:05

Tgt Ion:1

Ion Rati

146 100

111 43.

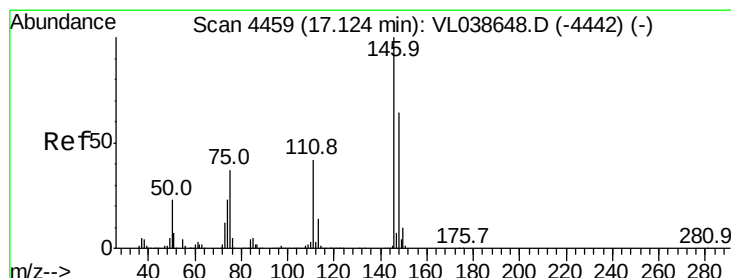
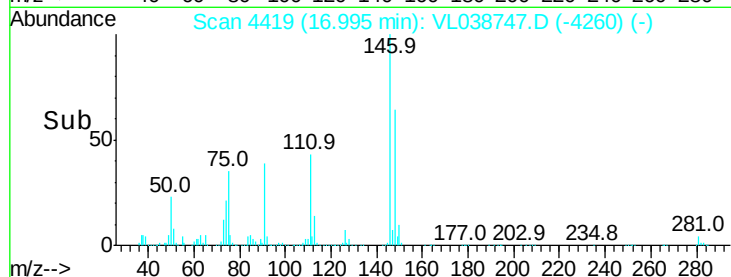
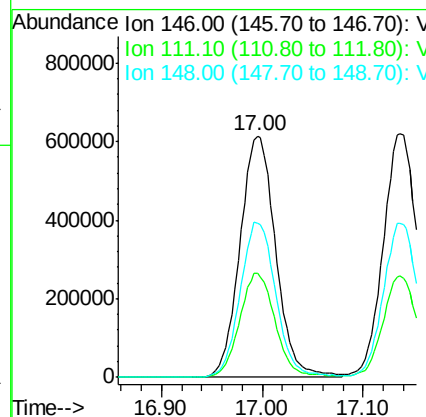
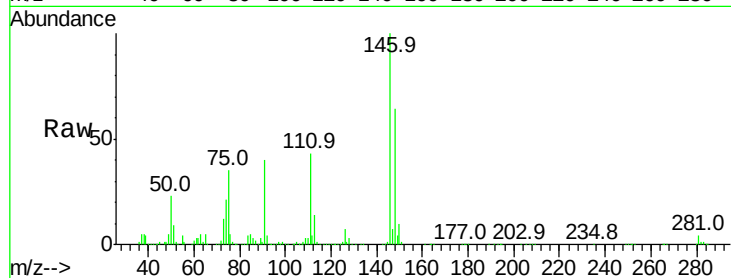
148 64.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/27/2022

Supervised By :Mahesh Dadoda 03/28/2022



#76

1,4-Dichlorobenzene

Concen: 9.06 ppbv

RT: 17.14 min Scan# 4463

Delta R.T. 0.01 min

Lab File: VL038747.D

Acq: 24 Mar 2022 12:05

Tgt Ion:146 Resp: 1473123

Ion Ratio Lower Upper

146 100

111 43.0 21.4 64.2

148 65.9 32.1 96.3

