

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030321\  
 Data File : VL036440.D  
 Acq On : 3 Mar 2021 15:14  
 Operator : SY/AP  
 Sample : VSTDICV010  
 Misc : 400ml/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA L  
 ClientSampleId :  
 ICVVL030321

Manual Integrations  
 APPROVED

Quant Time: Mar 03 15:49:02 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030321A  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:  
 QLast Update : Wed Mar 03 14:18:24 2021  
 Response via : Initial Calibration

Reviewed By : Semsettin Yesilyurt 03/04/2021  
 Supervised By : Mahesh Dadoda 03/04/2021

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.68  | 49   | 1695033  | 10.00 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 7.19  | 114  | 4185314  | 10.00 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 12.10 | 117  | 3753565m | 10.00 | ppbv  | 0.00     |

## System Monitoring Compounds

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| 68) 1-Bromo-4-Fluorobenzene | 14.44  | 95    | 3198611  | 10.36    | ppbv | 0.01    |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 103.60% |

## Target Compounds

|                                |      |     |         |        | Ovalue   |
|--------------------------------|------|-----|---------|--------|----------|
| 2) Dichlorodifluoromethane     | 3.05 | 85  | 2182711 | 9.317  | ppbv 98  |
| 3) Chlorodifluoromethane       | 2.99 | 51  | 1786204 | 8.910  | ppbv 99  |
| 4) Chloromethane               | 3.15 | 50  | 923457  | 9.693  | ppbv 96  |
| 5) Vinyl Chloride              | 3.27 | 62  | 885705  | 9.846  | ppbv 98  |
| 6) Bromomethane                | 3.48 | 94  | 518129  | 9.291  | ppbv 92  |
| 7) Chloroethane                | 3.56 | 64  | 314357  | 9.277  | ppbv 99  |
| 8) Dichlorotetrafluoroethane   | 3.20 | 85  | 2063050 | 8.965  | ppbv 97  |
| 9) Propene                     | 3.01 | 41  | 830697  | 9.509  | ppbv 100 |
| 10) Heptane                    | 8.14 | 43  | 2145517 | 9.961  | ppbv 99  |
| 11) Trichlorofluoromethane     | 3.96 | 101 | 2198911 | 9.090  | ppbv 98  |
| 12) 1,1,2-Trichlorotrifluoroet | 4.49 | 101 | 1458122 | 9.451  | ppbv 99  |
| 13) Ethanol                    | 3.62 | 45  | 123699  | 9.228  | ppbv 89  |
| 14) Bromoethene                | 3.75 | 108 | 623984  | 9.741  | ppbv 97  |
| 15) Acetone                    | 3.86 | 43  | 1682635 | 8.687  | ppbv 99  |
| 16) 1,3-Butadiene              | 3.33 | 39  | 878846  | 9.406  | ppbv 99  |
| 17) tert-Butyl alcohol         | 4.30 | 59  | 1566232 | 10.197 | ppbv 99  |
| 18) 1,1-Dichloroethene         | 4.30 | 96  | 640602  | 9.336  | ppbv 98  |
| 19) Isopropyl Alcohol          | 3.98 | 45  | 1035868 | 9.515  | ppbv 99  |
| 20) Methylene Chloride         | 4.36 | 84  | 549298  | 8.413  | ppbv 97  |
| 21) Allyl Chloride             | 4.42 | 41  | 1068906 | 9.787  | ppbv 94  |
| 22) trans-1,2-Dichloroethene   | 4.90 | 96  | 610561  | 9.827  | ppbv 94  |
| 23) Vinyl Acetate              | 5.09 | 43  | 2207204 | 10.068 | ppbv 98  |
| 24) 1,1-Dichloroethane         | 5.02 | 63  | 1679771 | 9.708  | ppbv 99  |
| 25) Ethyl Acetate              | 5.69 | 43  | 3660857 | 9.720  | ppbv 100 |
| 26) Hexane                     | 5.70 | 57  | 1469631 | 9.536  | ppbv 98  |
| 27) Carbon Disulfide           | 4.56 | 76  | 1548244 | 10.123 | ppbv 97  |
| 28) Methyl tert-Butyl Ether    | 5.04 | 73  | 2171527 | 10.515 | ppbv 99  |
| 29) Chloroform                 | 5.77 | 83  | 2302461 | 9.132  | ppbv 100 |
| 30) Cyclohexane                | 7.14 | 84  | 1240092 | 9.739  | ppbv 100 |
| 31) cis-1,2-Dichloroethene     | 5.56 | 61  | 1525854 | 10.250 | ppbv 95  |
| 32) 1,1,1-Trichloroethane      | 6.53 | 97  | 2290318 | 9.040  | ppbv 99  |
| 34) 2-Butanone                 | 5.26 | 43  | 2245642 | 8.902  | ppbv 98  |
| 35) Carbon Tetrachloride       | 7.03 | 117 | 2355233 | 8.709  | ppbv 98  |
| 36) Benzene                    | 6.91 | 78  | 3066640 | 9.443  | ppbv 99  |
| 37) 1,2-Dichloroethane         | 6.32 | 62  | 1804236 | 8.841  | ppbv 100 |
| 38) Trichloroethene            | 7.85 | 130 | 1104091 | 8.996  | ppbv 98  |
| 39) 1,2-Dichloropropane        | 7.63 | 63  | 1215551 | 8.802  | ppbv 99  |
| 40) 1,4-Dioxane                | 7.85 | 88  | 392560  | 8.660  | ppbv # 1 |
| 41) Tetrahydrofuran            | 6.06 | 42  | 1387929 | 9.864  | ppbv 98  |
| 42) Bromodichloromethane       | 7.81 | 83  | 2534341 | 9.190  | ppbv 99  |
| 43) Methyl Methacrylate        | 8.03 | 69  | 1372750 | 10.437 | ppbv 99  |

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 Misc : 400ml/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA L  
 ClientSampleId :  
 ICVVL030321

Manual Integrations  
 APPROVED

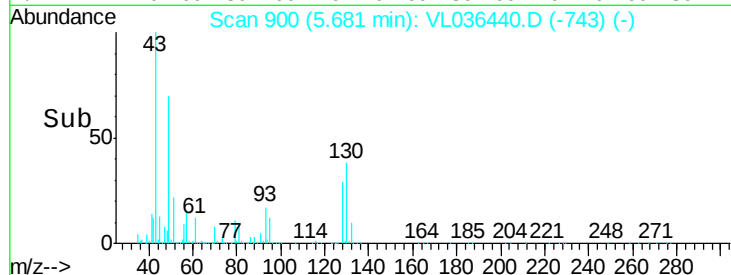
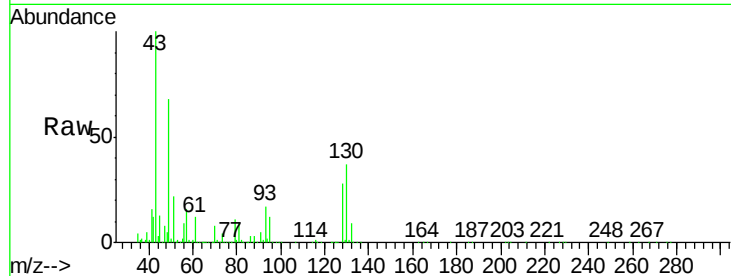
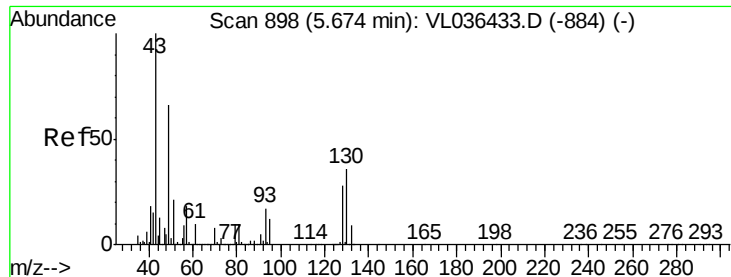
Reviewed By : Semsettin Yesilyurt 03/04/2021  
 Supervised By : Mahesh Dadoda 03/04/2021

Quant Time: Mar 03 15:49:02 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030321A  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:  
 QLast Update : Wed Mar 03 14:18:24 2021  
 Response via : Initial Calibration

| Internal Standards            | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|-------|------|----------|--------|--------|----------|
| 44) 2,2,4-Trimethylpentane    | 7.88  | 57   | 5177408  | 8.743  | ppbv   | 100      |
| 45) t-1,3-Dichloropropene     | 9.30  | 75   | 1460104  | 11.407 | ppbv   | 99       |
| 46) cis-1,3-Dichloropropene   | 8.72  | 75   | 1773130  | 10.610 | ppbv   | 97       |
| 47) 1,1,2-Trichloroethane     | 9.50  | 97   | 1240346  | 9.010  | ppbv   | 94       |
| 48) Dibromochloromethane      | 10.33 | 129  | 2061618  | 9.889  | ppbv   | 99       |
| 49) Bromoform                 | 13.06 | 173  | 1756966  | 10.302 | ppbv   | 98       |
| 50) 4-Methyl-2-Pentanone      | 8.76  | 43   | 3573875  | 9.731  | ppbv   | 100      |
| 51) 2-Hexanone                | 10.15 | 43   | 2927259  | 10.543 | ppbv   | 100      |
| 52) Tetrachloroethene         | 11.24 | 164  | 1059285  | 8.697  | ppbv   | 98       |
| 53) Toluene                   | 9.82  | 91   | 3441957  | 9.841  | ppbv   | 100      |
| 54) 1,2-Dibromoethane         | 10.63 | 107  | 1855915  | 9.338  | ppbv   | 97       |
| 56) 1,1,1,2-Tetrachloroethane | 12.14 | 131  | 1527501  | 9.183  | ppbv # | 63       |
| 57) Chlorobenzene             | 12.17 | 112  | 2502854  | 9.232  | ppbv   | 98       |
| 58) Ethyl Benzene             | 12.73 | 91   | 4662162  | 9.996  | ppbv   | 99       |
| 59) m/p-Xylene                | 13.01 | 91   | 7824005m | 18.974 | ppbv   |          |
| 60) o-Xylene                  | 13.72 | 91   | 3688687  | 9.312  | ppbv   | 99       |
| 61) Styrene                   | 13.55 | 104  | 2656612  | 11.028 | ppbv   | 100      |
| 62) Isopropylbenzene          | 14.69 | 105  | 5576553  | 9.336  | ppbv   | 99       |
| 63) 1,1,2,2-Tetrachloroethane | 13.70 | 83   | 2595507  | 8.380  | ppbv   | 100      |
| 64) n-propylbenzene           | 15.58 | 120  | 1466907  | 9.832  | ppbv   | 97       |
| 65) tert-Butylbenzene         | 16.77 | 119  | 4769762  | 9.179  | ppbv   | 99       |
| 66) Benzyl Chloride           | 17.01 | 91   | 1743647  | 12.019 | ppbv   | 99       |
| 67) sec-Butylbenzene          | 17.32 | 105  | 6708839  | 9.245  | ppbv   | 100      |
| 69) p-Isopropyltoluene        | 17.68 | 119  | 5550933  | 9.560  | ppbv   | 99       |
| 70) n-Butylbenzene            | 18.57 | 91   | 5660225  | 9.430  | ppbv   | 99       |
| 71) 2-Chlorotoluene           | 15.48 | 91   | 4321952  | 9.619  | ppbv   | 100      |
| 72) 4-Ethyltoluene            | 15.86 | 105  | 4298525  | 9.991  | ppbv   | 100      |
| 73) 1,3,5-Trimethylbenzene    | 16.02 | 105  | 4085026  | 9.786  | ppbv   | 100      |
| 74) 1,2,4-Trimethylbenzene    | 16.79 | 105  | 4085097  | 9.217  | ppbv   | 99       |
| 75) 1,3-Dichlorobenzene       | 17.02 | 146  | 2290789  | 9.307  | ppbv   | 100      |
| 76) 1,4-Dichlorobenzene       | 17.16 | 146  | 2215396  | 9.007  | ppbv   | 99       |
| 77) 1,2-Dichlorobenzene       | 17.84 | 146  | 2184742  | 9.066  | ppbv   | 99       |
| 78) Hexachloro-1,3-Butadiene  | 23.40 | 225  | 1587241  | 8.277  | ppbv   | 99       |
| 79) Naphthalene               | 22.22 | 128  | 3003098  | 11.568 | ppbv   | 99       |
| 80) Naphthalene, 2-methyl-    | 24.99 | 142  | 831413   | 14.811 | ppbv   | 97       |
| 81) 1,2,4-Trichlorobenzene    | 21.95 | 180  | 1562566  | 10.471 | ppbv   | 100      |

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





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument: MSVOA\_1

Delta R.T. 0.00 min

Lab File: ClientSampleId: ICVVL030321

Acq: 3 Mar 2021 15:14

Tot Ion:

Ion Ratio

49 100

128 46.

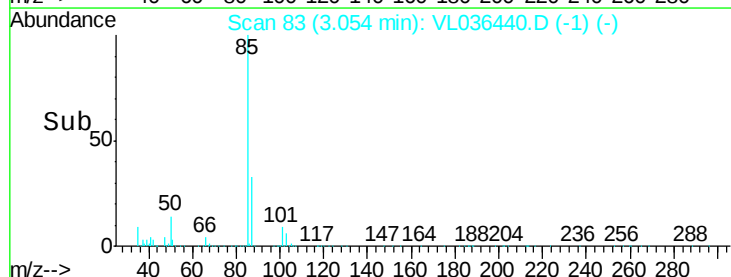
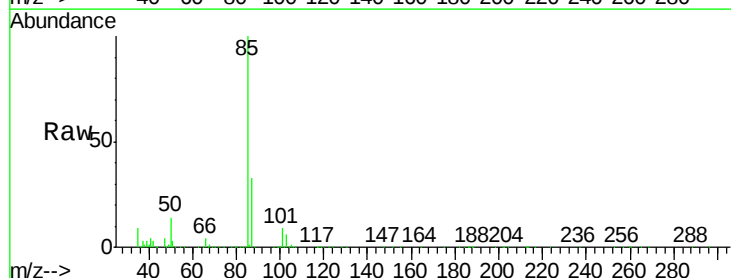
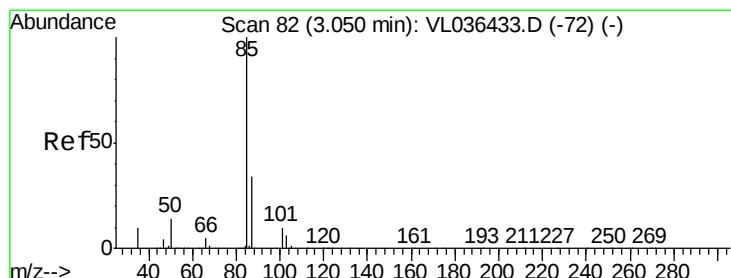
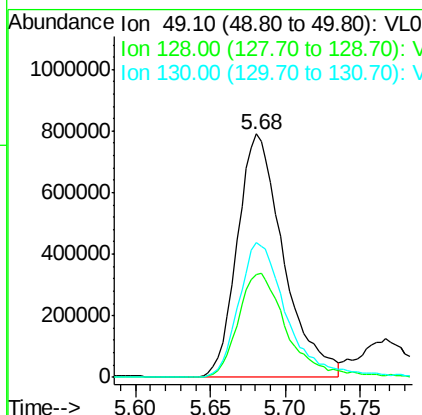
130 58.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#2

Dichlorodifluoromethane

Concen: 9.317 ppbv

RT: 3.05 min Scan# 83

Delta R.T. 0.00 min

Lab File: VL036440.D

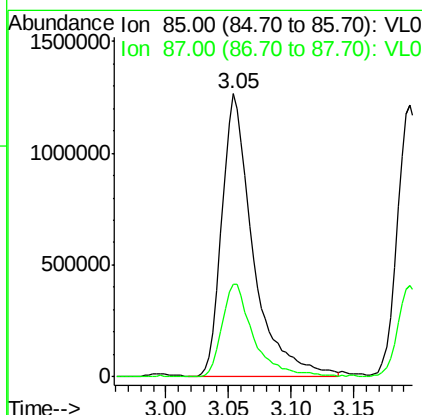
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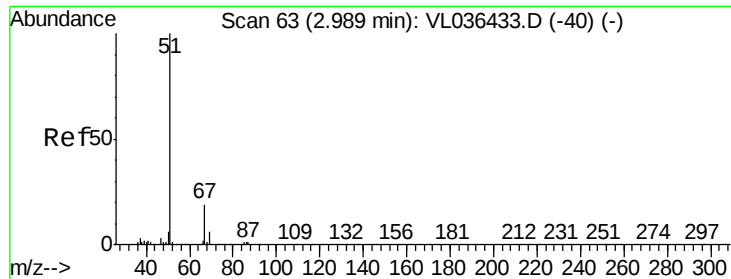
Tgt Ion: 85 Resp: 2182711

Ion Ratio Lower Upper

85 100

87 32.6 27.1 40.7





#3

Chlorodifluoromethane

Concen: 8.910 ppbv

RT: 2.99 Instrument: MSVOA\_1

Delta R.T. 0.01

Lab File: ClientSampleId: ICVVL030321

Acq: 3 Mar 2021 15:14

Tot Ion:

Ion Ratio

51 100

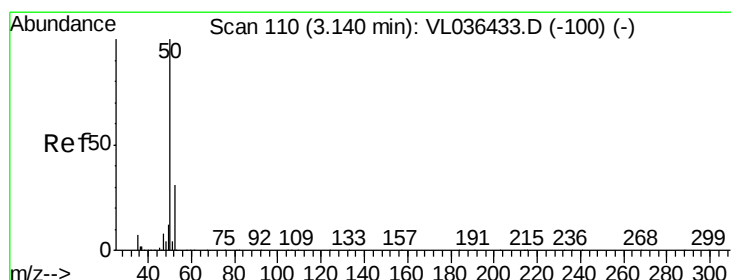
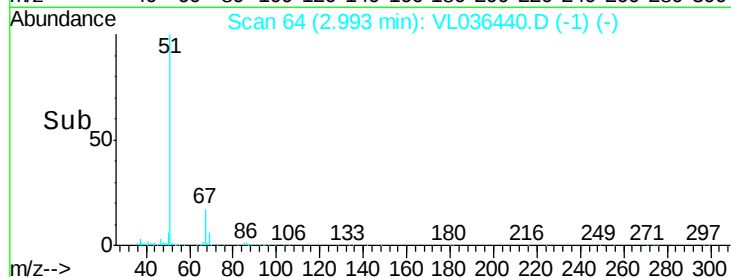
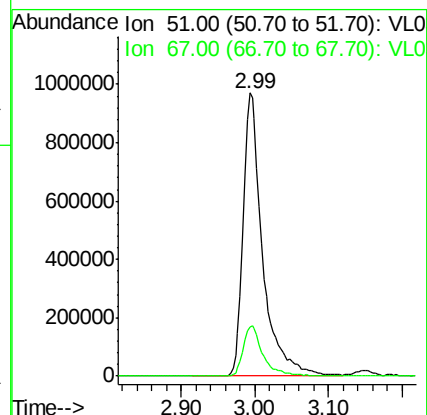
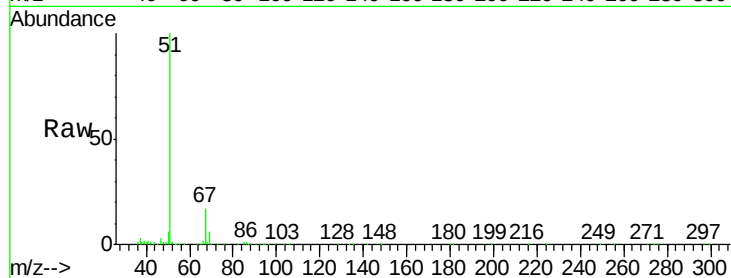
67 18.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#4

Chloromethane

Concen: 9.693 ppbv

RT: 3.15 min Scan# 112

Delta R.T. 0.01 min

Lab File: VL036440.D

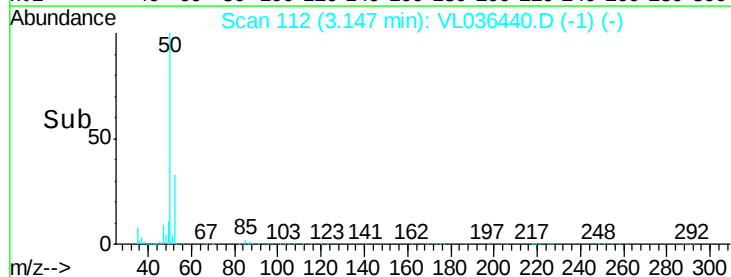
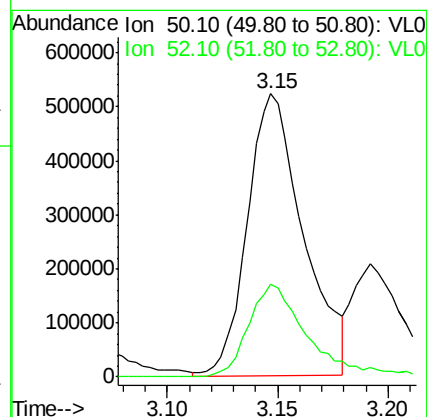
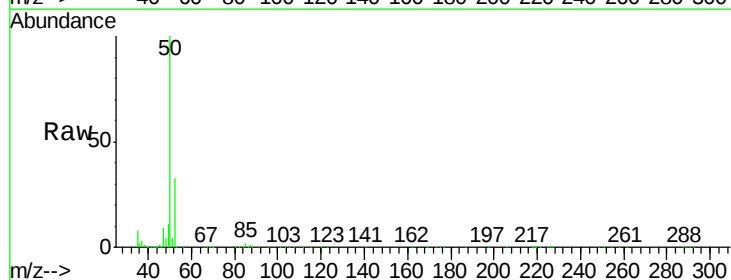
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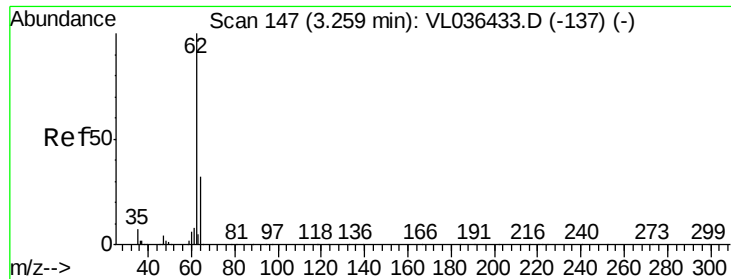
Tgt Ion: 50 Resp: 923457

Ion Ratio Lower Upper

50 100

52 33.1 24.6 36.8





#5

Vinyl Chloride

Concen: 9.846 ppbv

RT: 3.27 Instrument:

Delta R.T. MSVOA\_1

Lab File: ClientSampleId:

Acq: 3 Mar 2021 15:14

Tot Ion:

Ion Ratio

62 100

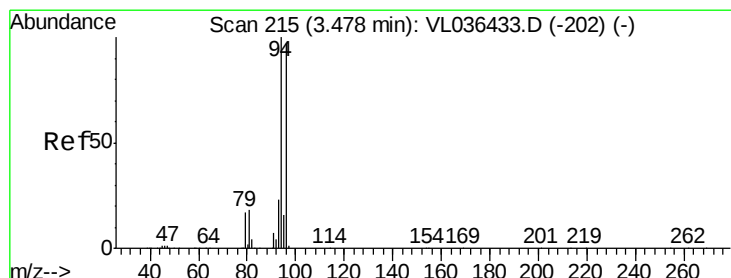
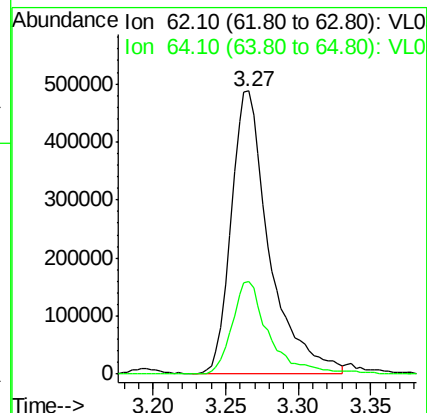
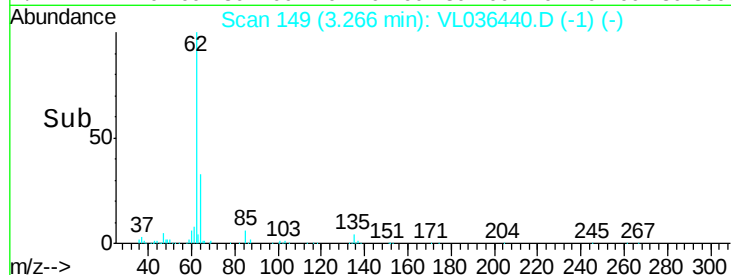
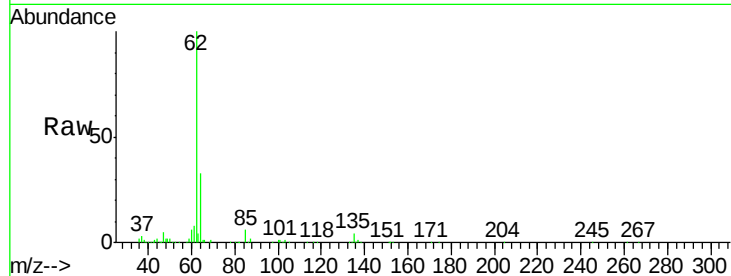
64 32.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#6

Bromomethane

Concen: 9.291 ppbv

RT: 3.48 min Scan# 217

Delta R.T. 0.01 min

Lab File: VL036440.D

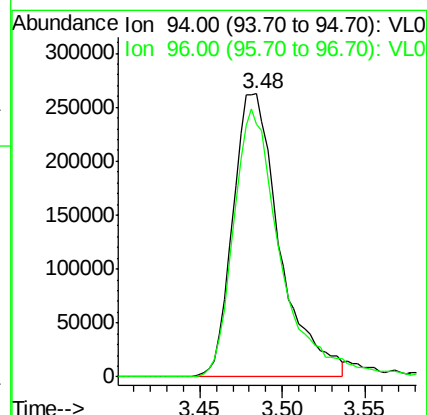
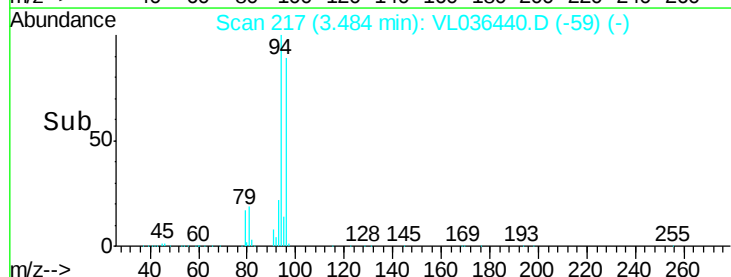
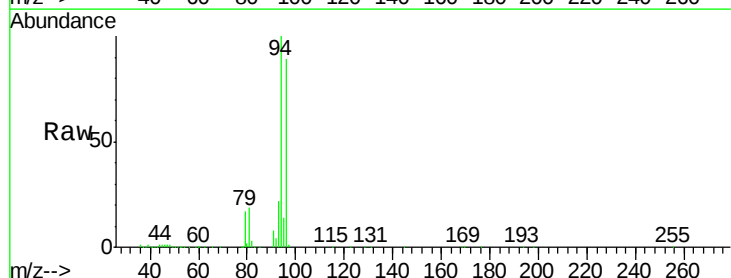
Acq: 3 Mar 2021 15:14

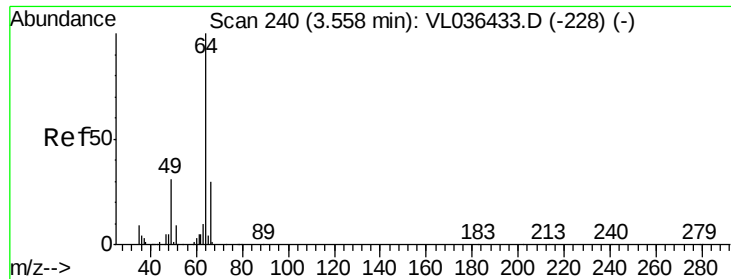
Tgt Ion: 94 Resp: 518129

Ion Ratio Lower Upper

94 100

96 89.2 77.3 115.9





#7

Chloroethane

Concen: 9.277 ppbv

RT: 3.56 Instrument: MSVOA\_1

Delta R.T. 0.01 min

Lab File: ClientSampleId: ICVVL030321

Acq: 3 Mar 2021 15:14

Tot Ion:

Ion Ratio

64 100

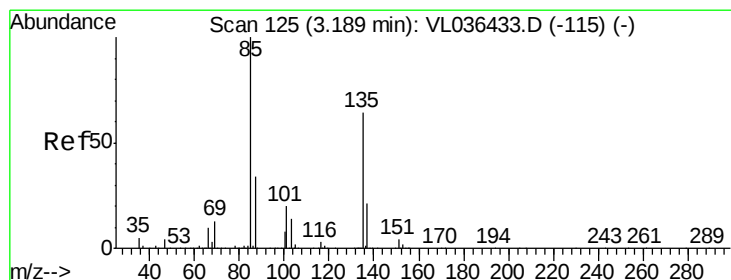
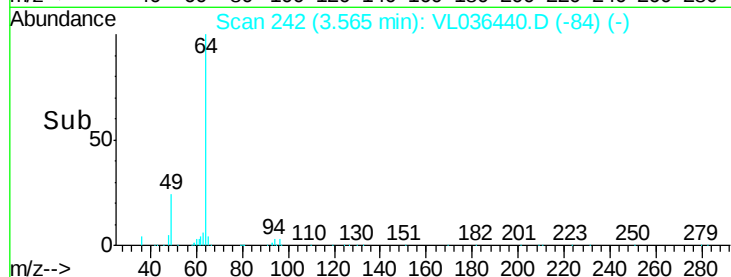
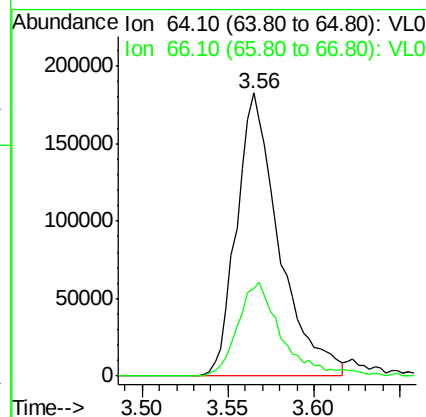
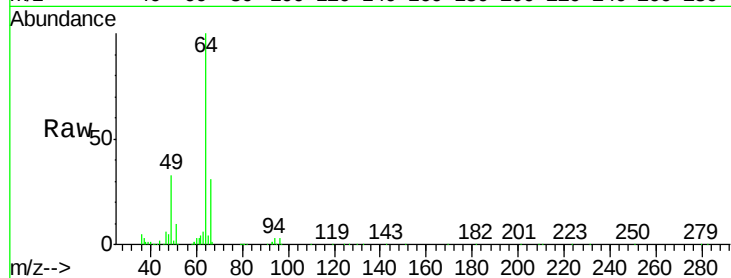
66 31.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#8

Dichlorotetrafluoroethane

Concen: 8.965 ppbv

RT: 3.20 min Scan# 127

Delta R.T. 0.01 min

Lab File: VL036440.D

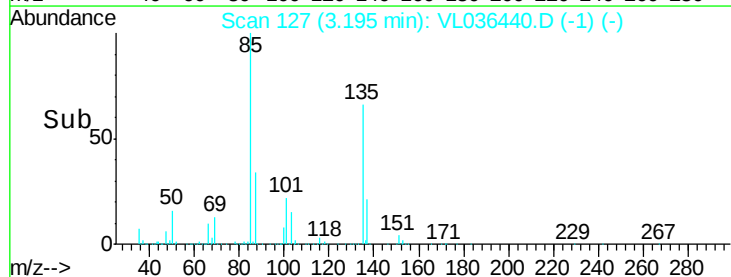
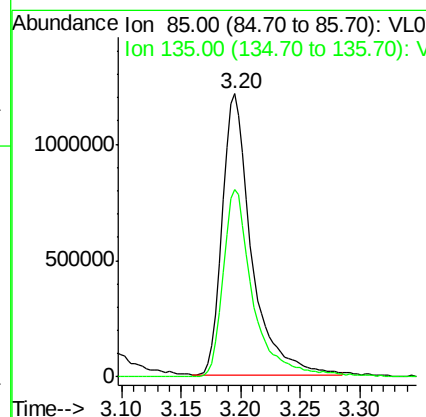
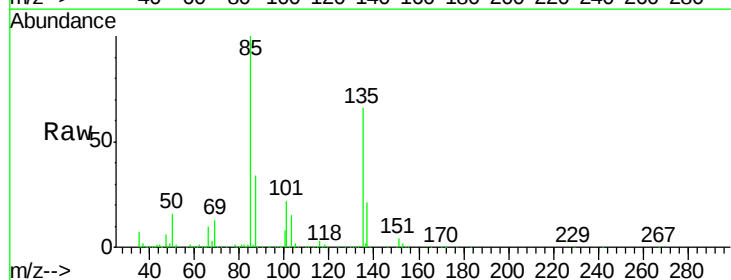
Acq: 3 Mar 2021 15:14

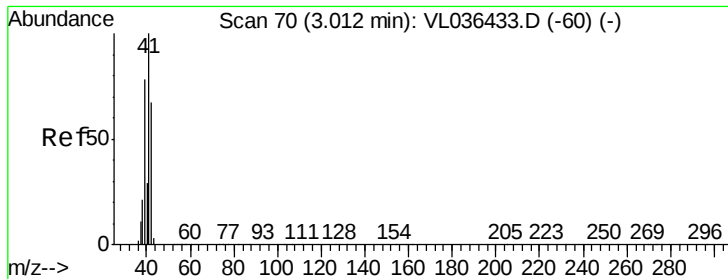
Tgt Ion: 85 Resp: 2063050

Ion Ratio Lower Upper

85 100

135 68.7 52.8 79.2



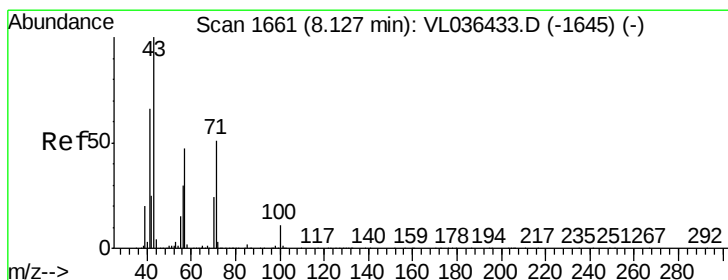
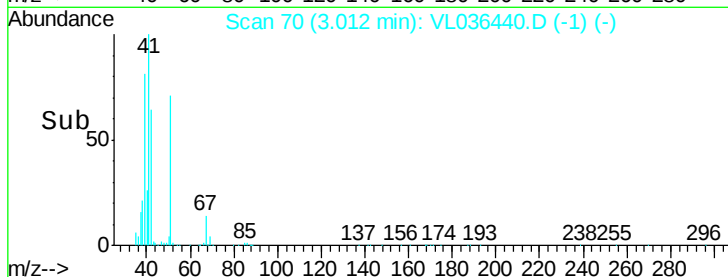
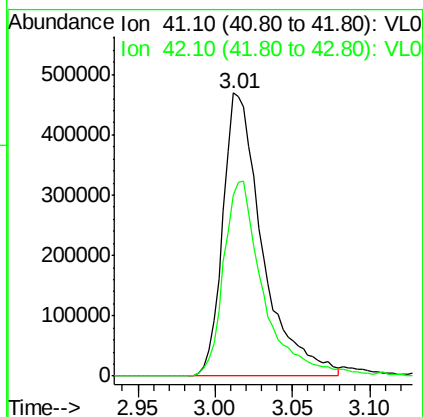
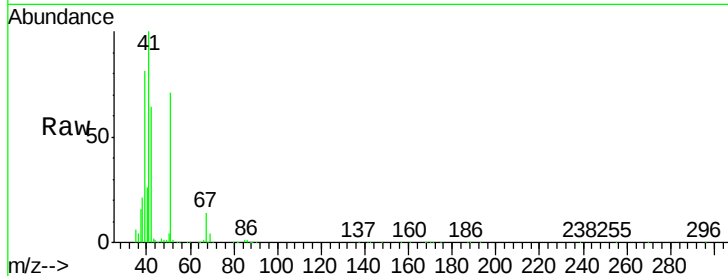


#9  
 Propene  
 Concen: 9.509 ppbv  
 RT: 3.01 min  
 Delta R.T. 0.01 min  
 Lab File: VL036440.D  
 Acq: 3 Mar 2021 15:14

Tot Ion:  
 Ion Ratio  
 41 100  
 42 70.

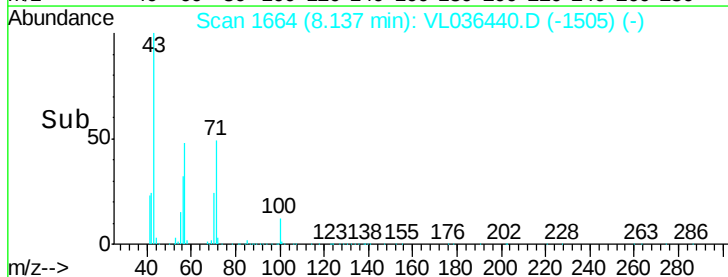
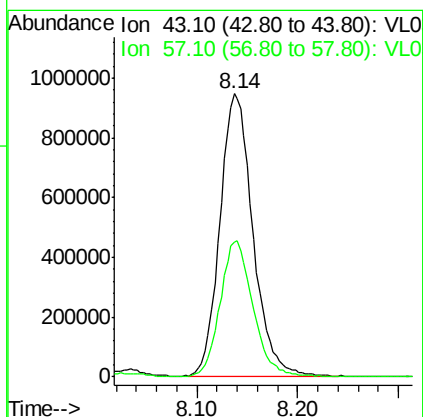
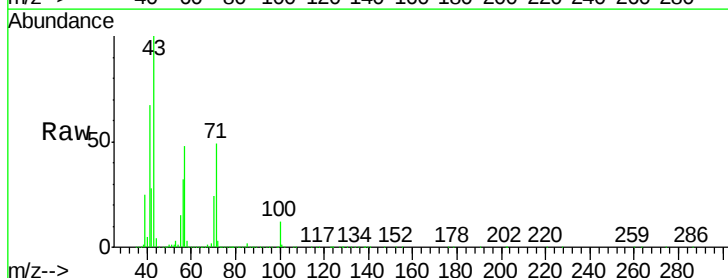
Manual Integrations  
 APPROVED

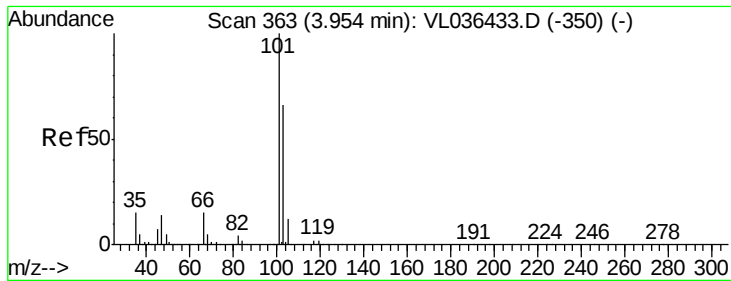
Reviewed By :Semsettin Yesilyurt 03/04/2021  
 Supervised By :Mahesh Dadoda 03/04/2021



#10  
 Heptane  
 Concen: 9.961 ppbv  
 RT: 8.14 min Scan# 1664  
 Delta R.T. 0.01 min  
 Lab File: VL036440.D  
 Acq: 3 Mar 2021 15:14

Tgt Ion: 43 Resp: 2145517  
 Ion Ratio Lower Upper  
 43 100  
 57 48.4 39.1 58.7



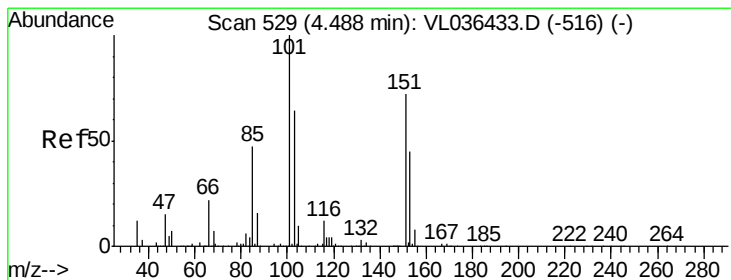
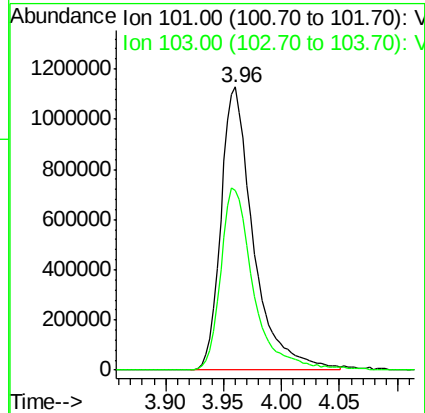
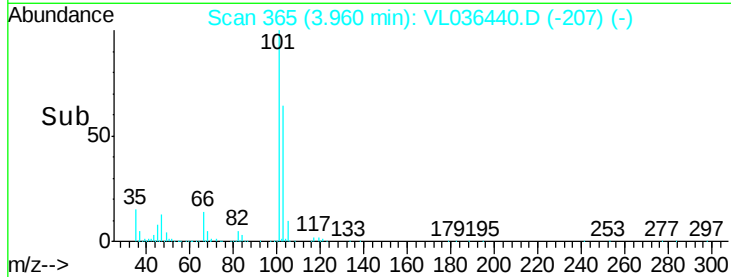
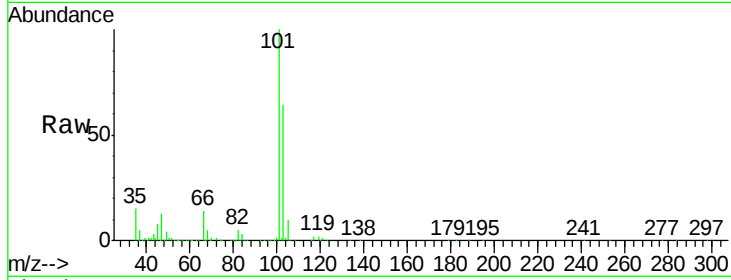


#11  
 Trichlorofluoromethane  
 Concen: 9.090 ppbv  
 RT: 3.96  
 Instrument: MSVOA\_L  
 Delta R.T.:  
 Lab File: ClientSampleId:  
 Acq: 3 Mar 2021 15:14

Tot Ion:1  
 Ion Rati  
 101 100  
 103 63.

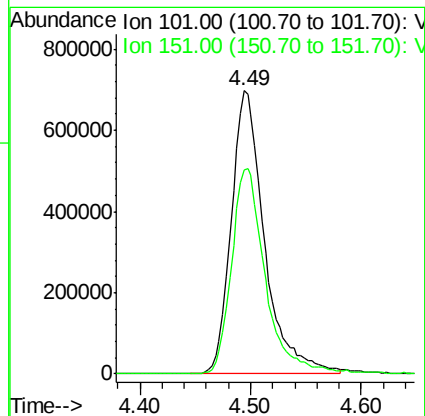
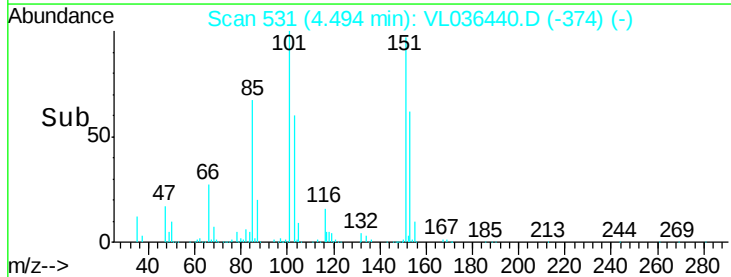
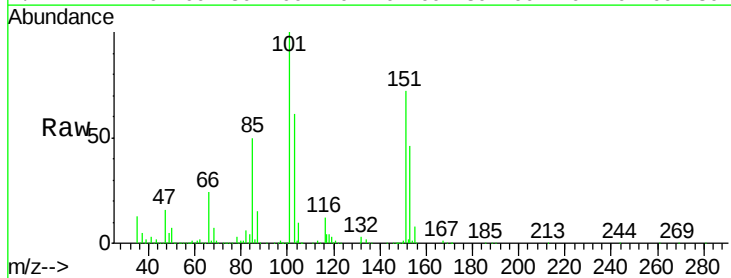
Manual Integrations  
 APPROVED

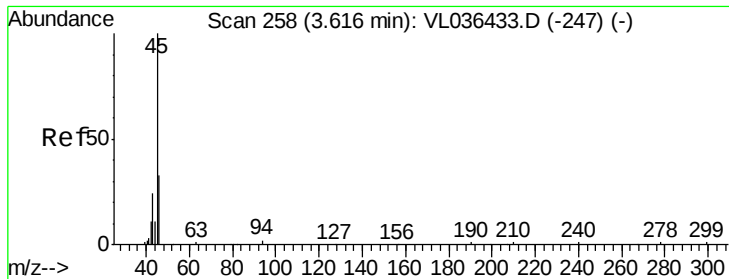
Reviewed By :Semsettin Yesilyurt 03/04/2021  
 Supervised By :Mahesh Dadoda 03/04/2021



#12  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 9.451 ppbv  
 RT: 4.49 min Scan# 531  
 Delta R.T. 0.01 min  
 Lab File: VL036440.D  
 Acq: 3 Mar 2021 15:14

Tgt Ion:101 Resp: 1458122  
 Ion Ratio Lower Upper  
 101 100  
 151 74.2 59.0 88.4



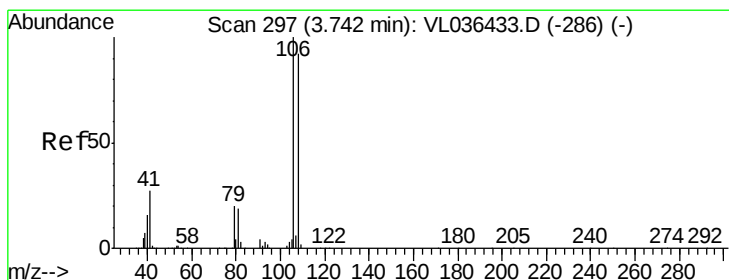
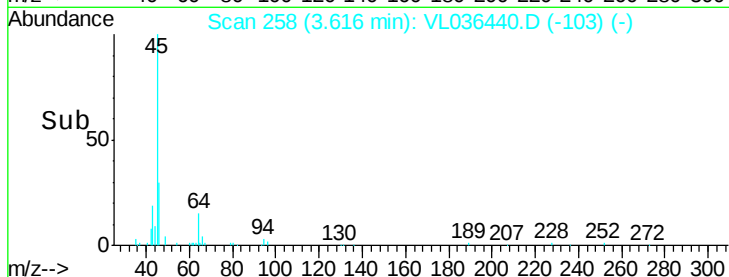
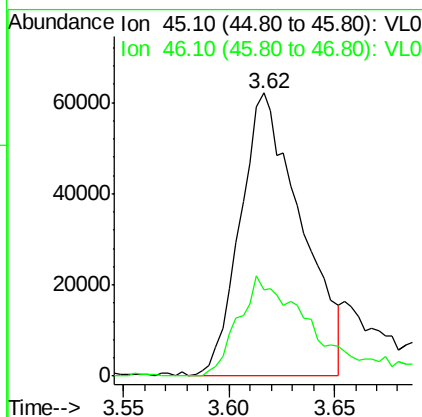
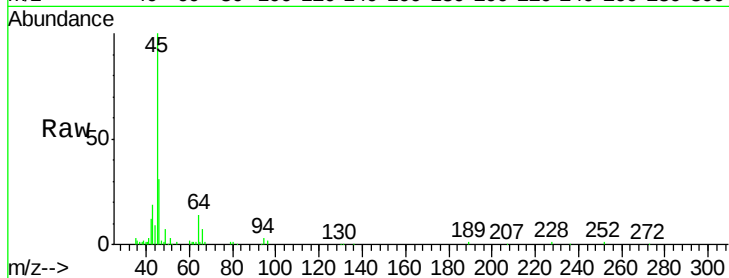


#13  
Ethanol  
Concen: 9.228 ppbv  
RT: 3.62  
Delta R.T. MSVOA\_L  
Lab File: ClientSampleId :  
Acq: 3 Mar 2021 15:14

Tot Ion:  
Ion Ratio  
45 100  
46 49.

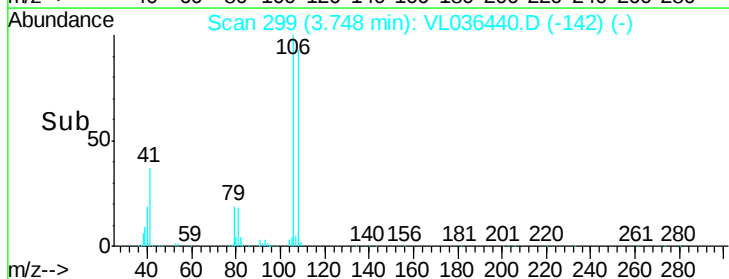
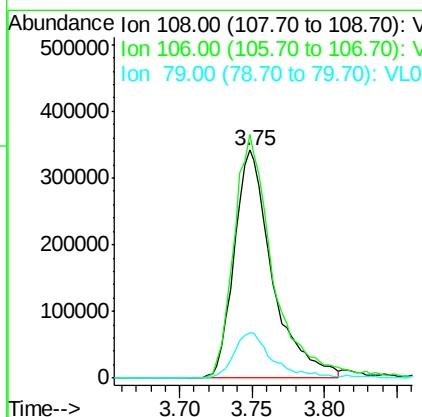
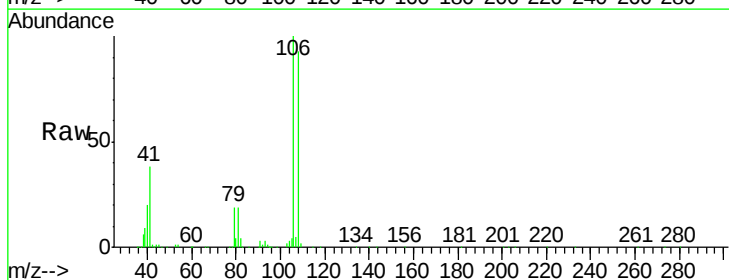
Manual Integrations  
APPROVED

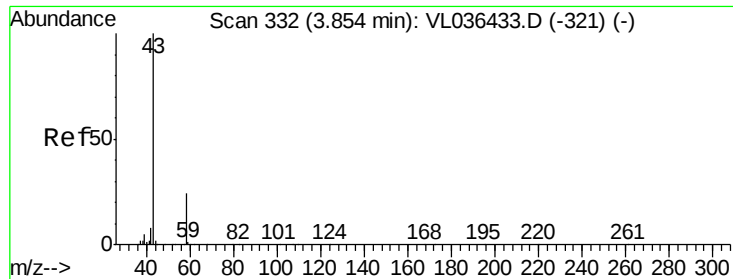
Reviewed By :Semsettin Yesilyurt 03/04/2021  
Supervised By :Mahesh Dadoda 03/04/2021



#14  
Bromoethene  
Concen: 9.741 ppbv  
RT: 3.75 min Scan# 299  
Delta R.T. 0.01 min  
Lab File: VL036440.D  
Acq: 3 Mar 2021 15:14

Tgt Ion:108 Resp: 623984  
Ion Ratio Lower Upper  
108 100  
106 112.1 87.0 130.4  
79 21.2 17.1 25.7



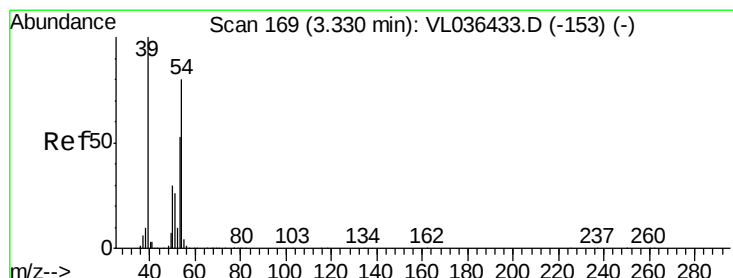
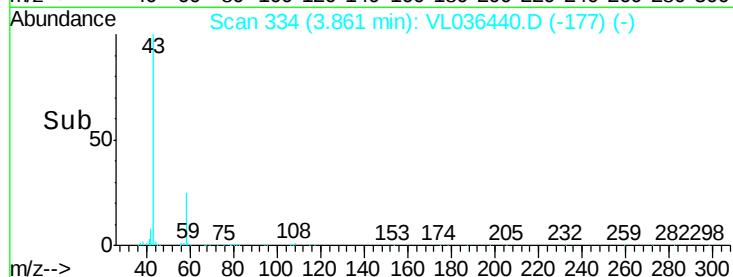
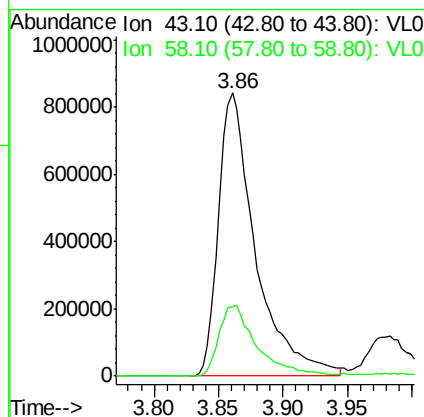
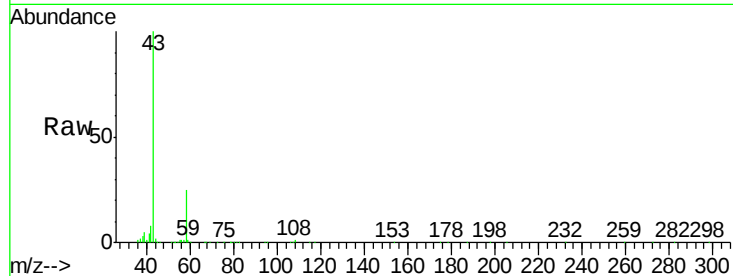


#15  
Acetone  
Concen: 8.687 ppbv  
RT: 3.86  
Delta R.T. MSVOA\_L  
Lab File: ClientSampleId :  
Acq: 3 Mar 2021 15:14

Tot Ion:  
Ion Ratio  
43 100  
58 25.

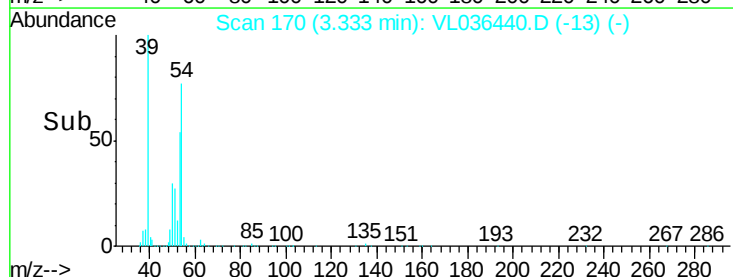
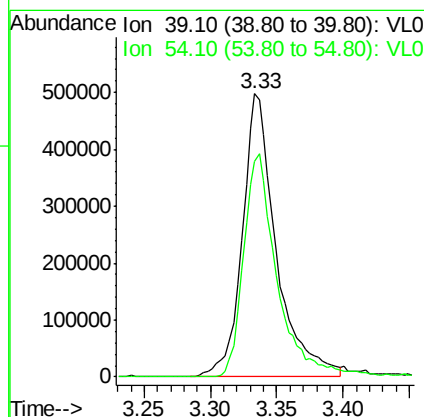
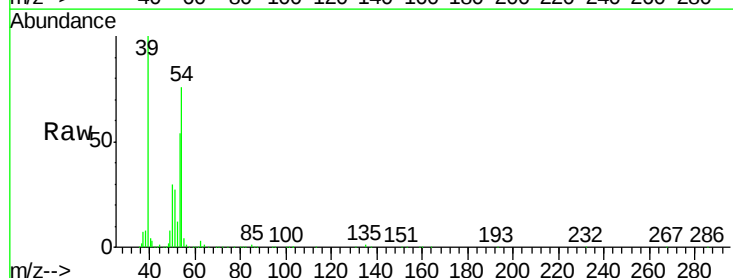
Manual Integrations  
APPROVED

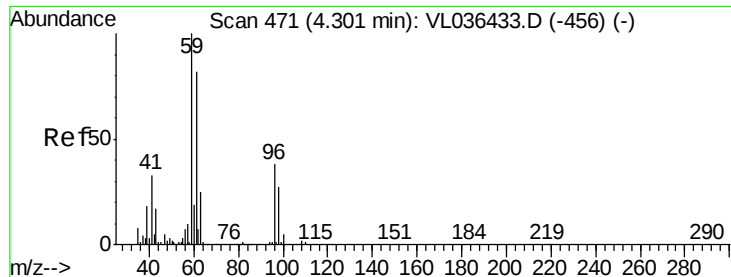
Reviewed By :Semsettin Yesilyurt 03/04/2021  
Supervised By :Mahesh Dadoda 03/04/2021



#16  
1,3-Butadiene  
Concen: 9.406 ppbv  
RT: 3.33 min Scan# 170  
Delta R.T. 0.00 min  
Lab File: VL036440.D  
Acq: 3 Mar 2021 15:14

Tgt Ion: 39 Resp: 878846  
Ion Ratio Lower Upper  
39 100  
54 79.5 64.5 96.7





#17

tert-Butyl alcohol

Concen: 10.197 ppbv

RT: 4.30 Instrument:

Delta R.T. MSVOA\_1

Lab File: ClientSampleId:

Acq: 3 Mar 2021 15:14

Tot Ion:

Ion Ratio

59 100

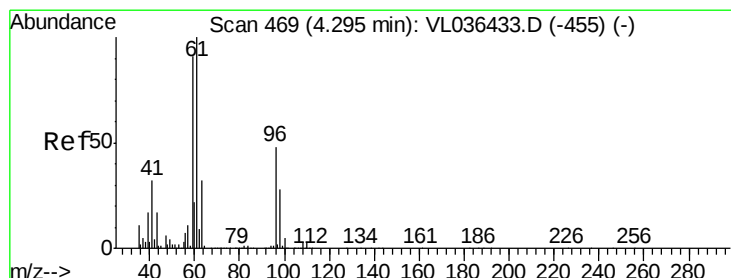
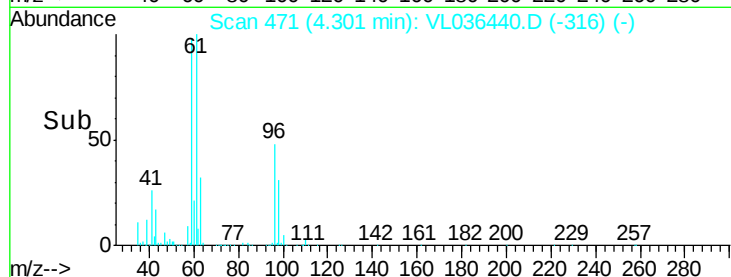
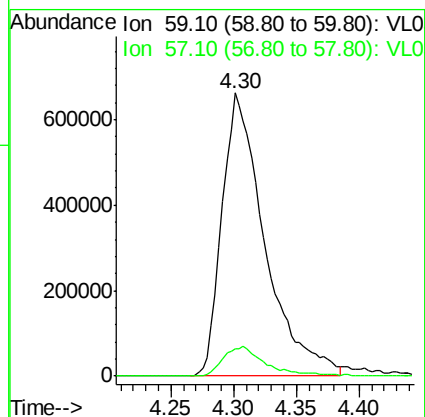
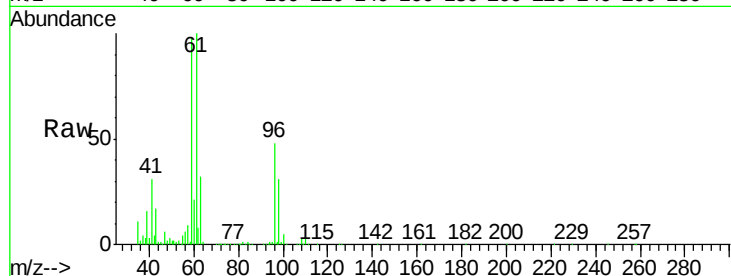
57 10.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#18

1,1-Dichloroethene

Concen: 9.336 ppbv

RT: 4.30 min Scan# 470

Delta R.T. 0.00 min

Lab File: VL036440.D

Acq: 3 Mar 2021 15:14

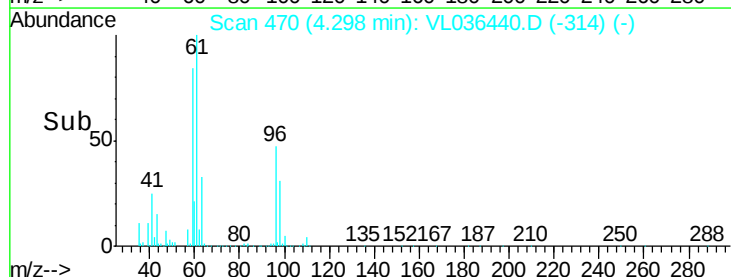
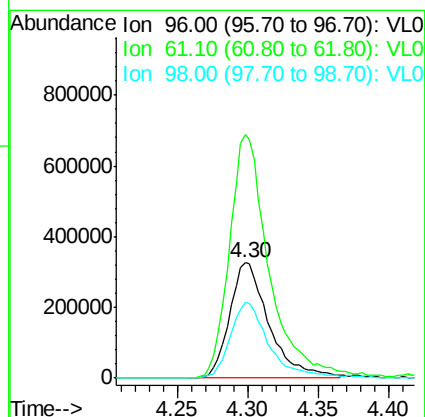
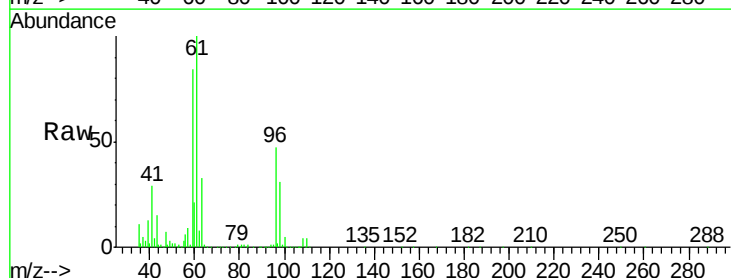
Tgt Ion: 96 Resp: 640602

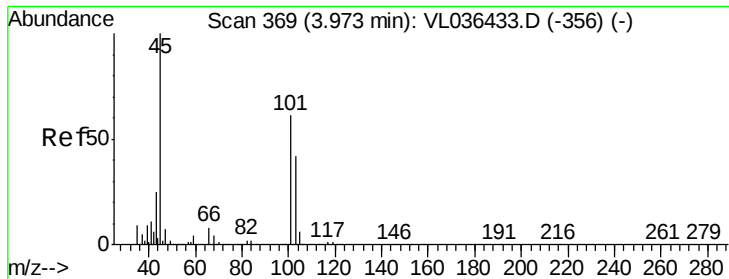
Ion Ratio Lower Upper

96 100

61 210.7 168.2 252.2

98 66.0 47.8 71.6





#19

Isopropyl Alcohol

Concen: 9.515 ppbv

RT: 3.98

Delta R.T. MSVOA\_L

Lab File: ClientSampleId :

Acq: 3 Mar 2021 15:14

Tot Ion:

Ion Ratio

45 100

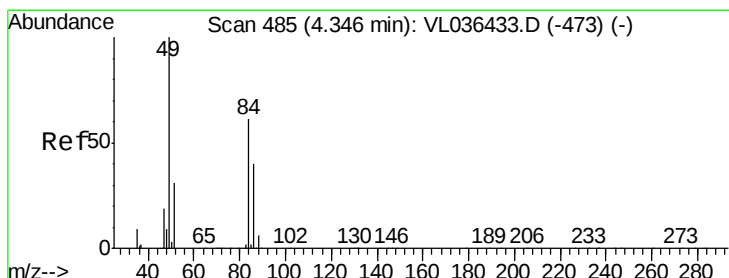
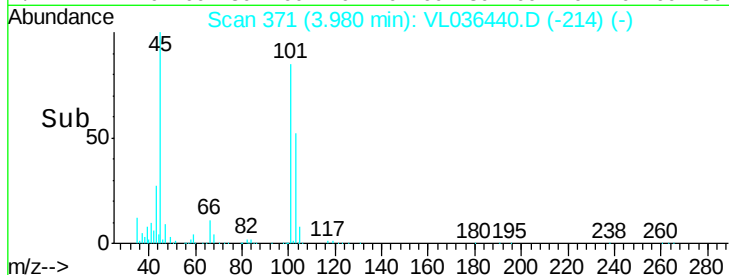
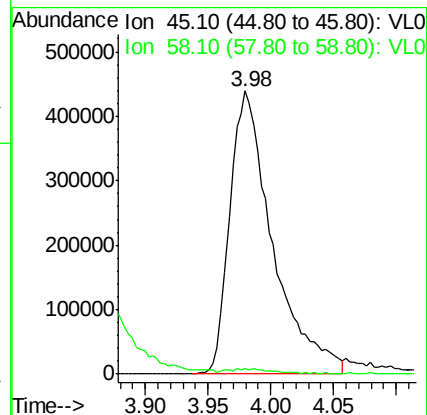
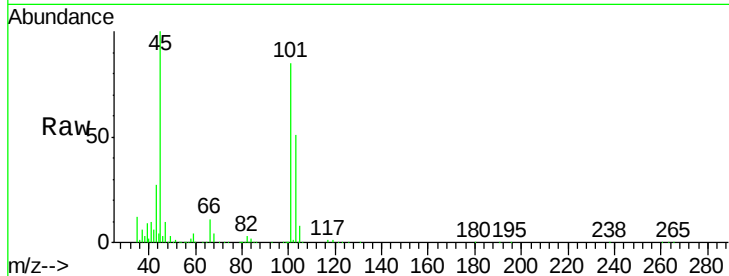
58 2.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#20

Methylene Chloride

Concen: 8.413 ppbv

RT: 4.36 min Scan# 488

Delta R.T. 0.01 min

Lab File: VL036440.D

Acq: 3 Mar 2021 15:14

Tgt Ion: 84 Resp: 549298

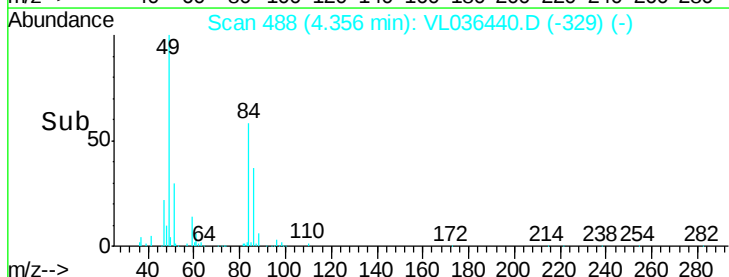
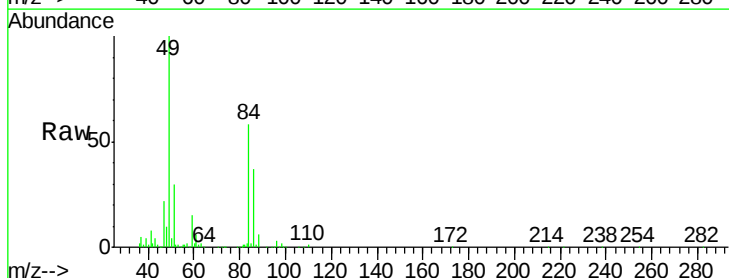
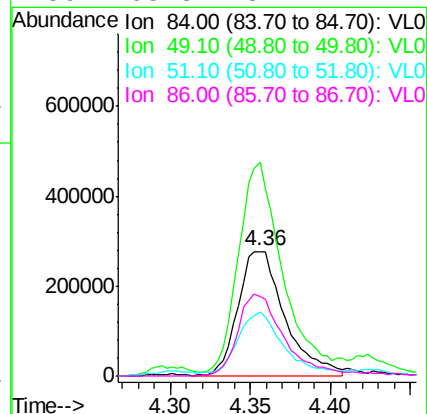
Ion Ratio Lower Upper

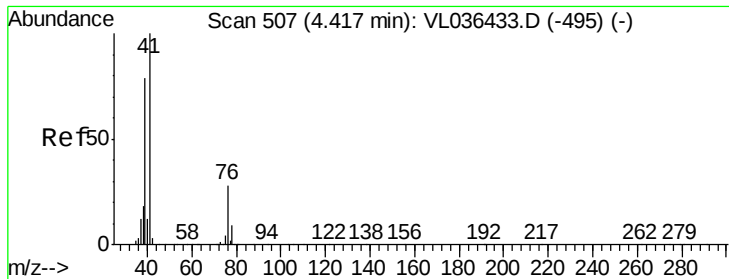
84 100

49 168.0 130.2 195.2

51 48.3 40.5 60.7

86 63.3 51.4 77.2



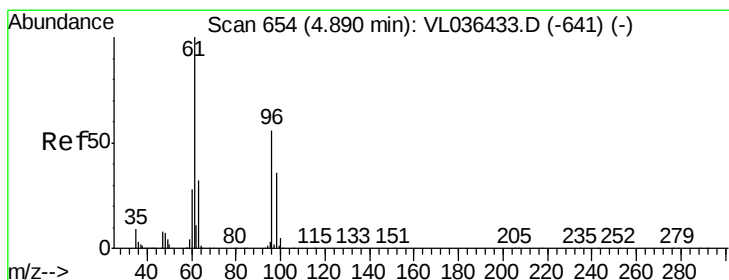
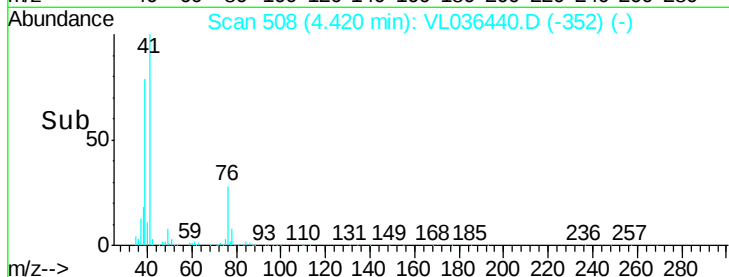
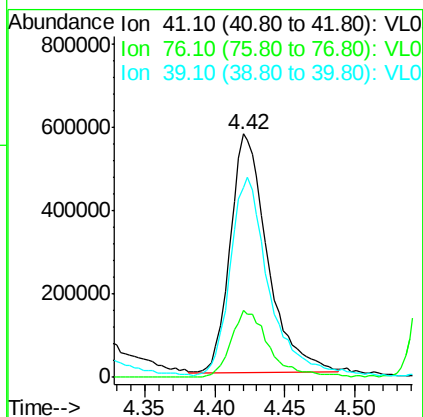
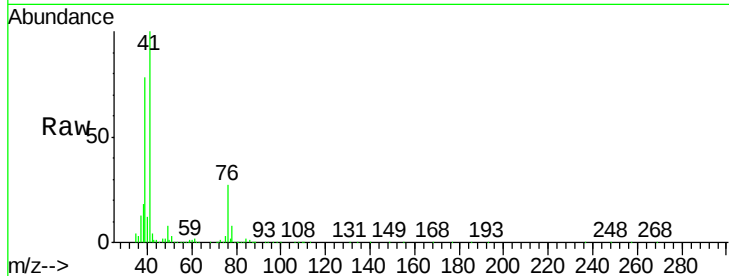


#21  
Allvl Chloride  
Concen: 9.787 ppbv  
RT: 4.42  
Delta R.T. MSVOA\_L  
Lab File: ClientSampleId :  
Acq: 3 Mar 2021 15:14

Tot Ion:  
Ion Ratio  
41 100  
76 28.  
39 89.

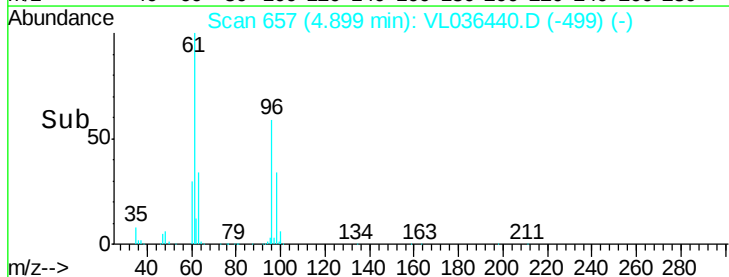
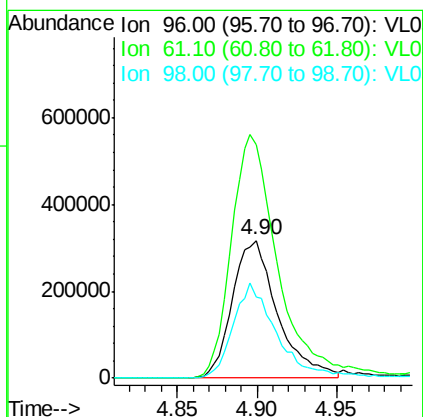
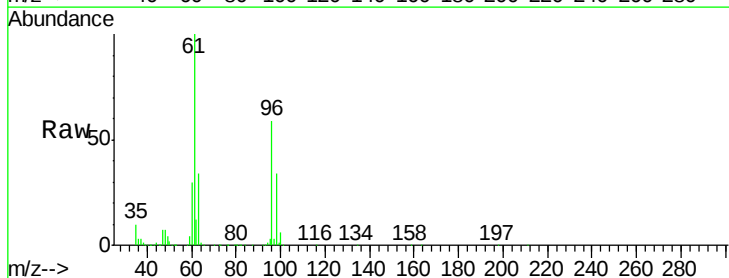
Manual Integrations  
APPROVED

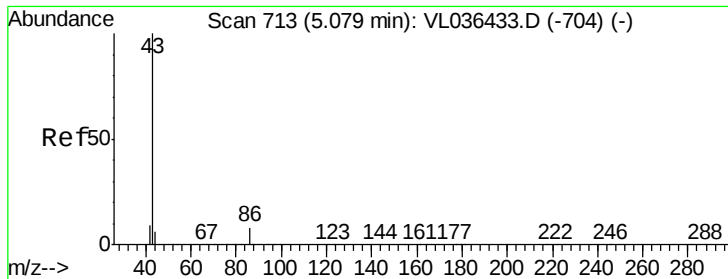
Reviewed By :Semsettin Yesilyurt 03/04/2021  
Supervised By :Mahesh Dadoda 03/04/2021



#22  
trans-1,2-Dichloroethene  
Concen: 9.827 ppbv  
RT: 4.90 min Scan# 657  
Delta R.T. 0.01 min  
Lab File: VL036440.D  
Acq: 3 Mar 2021 15:14

Tgt Ion: 96 Resp: 610561  
Ion Ratio Lower Upper  
96 100  
61 169.9 142.1 213.1  
98 58.4 50.6 75.8





#23

Vinyl Acetate

Concen: 10.068 ppbv

RT: 5.09 Instrument: MSVOA\_1

Delta R.T. 0.01

Lab File: ClientSampleId: ICVVL030321

Acq: 3 Mar 2021 15:14

Tot Ion:

Ion Ratio

43 100

86 7.

42 9.

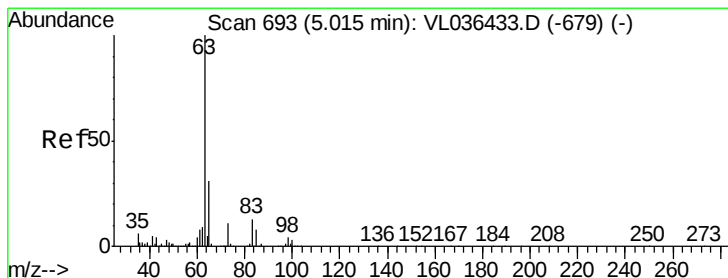
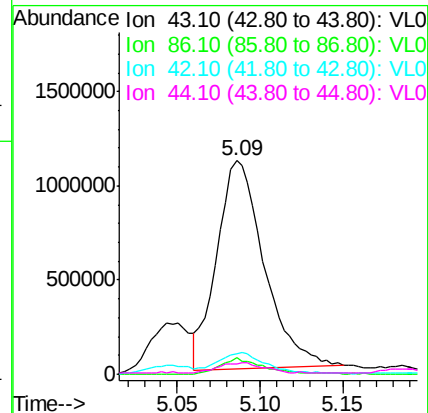
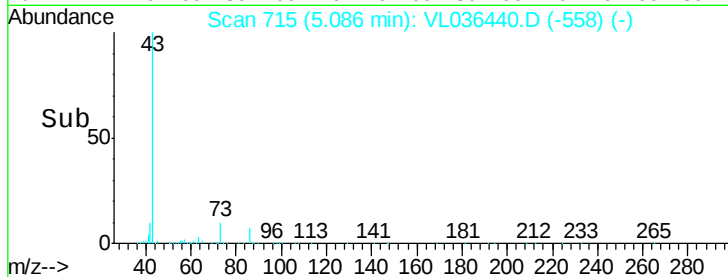
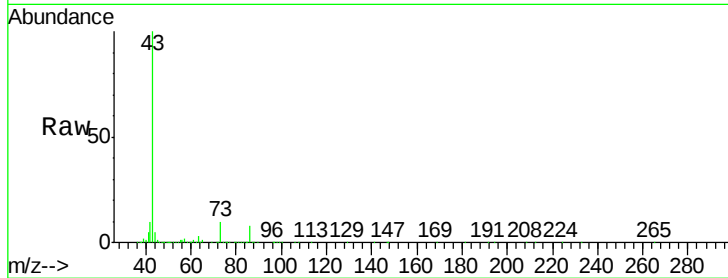
44 4.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#24

1,1-Dichloroethane

Concen: 9.708 ppbv

RT: 5.02 min Scan# 696

Delta R.T. 0.01 min

Lab File: VL036440.D

Acq: 3 Mar 2021 15:14

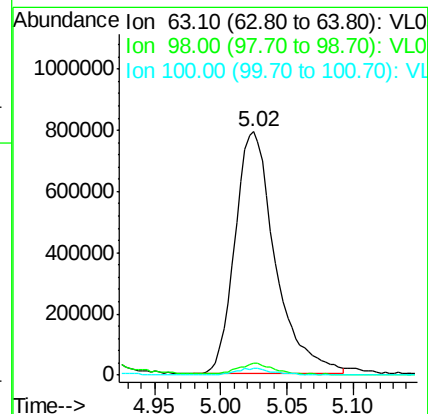
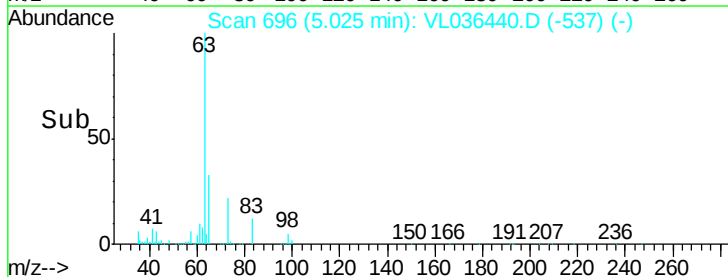
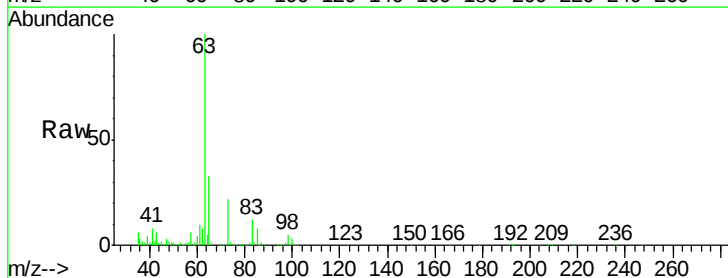
Tgt Ion: 63 Resp: 1679771

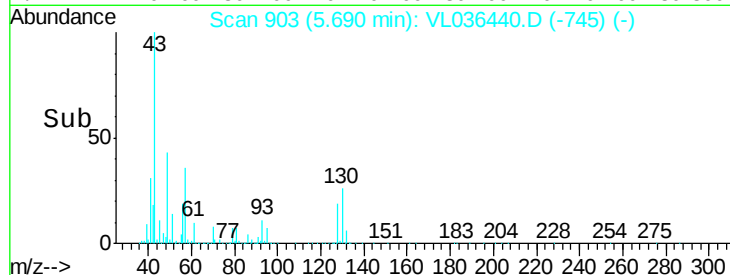
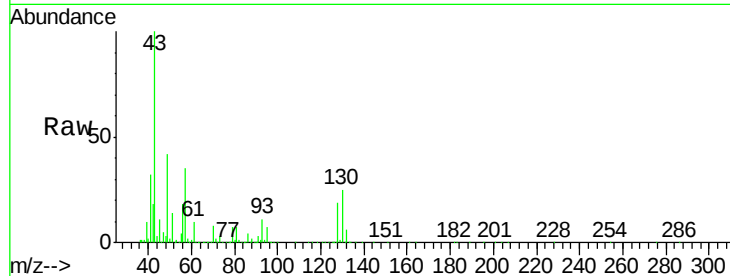
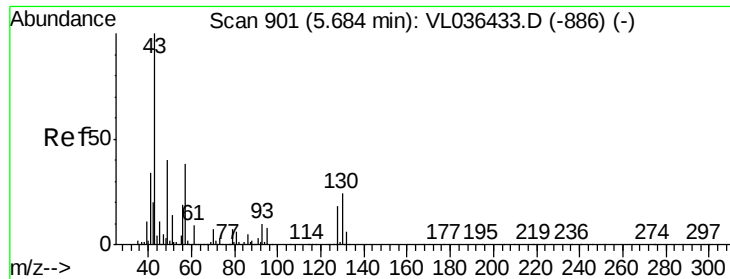
Ion Ratio Lower Upper

63 100

98 4.5 2.0 5.8

100 2.5 1.3 3.8



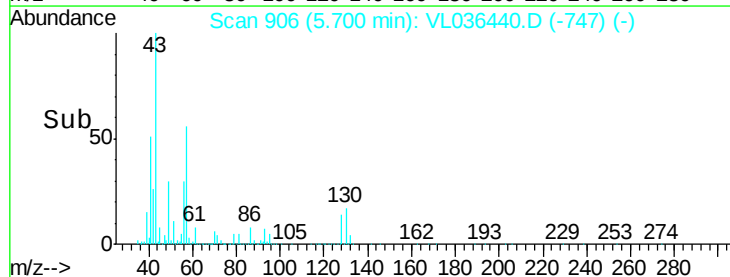
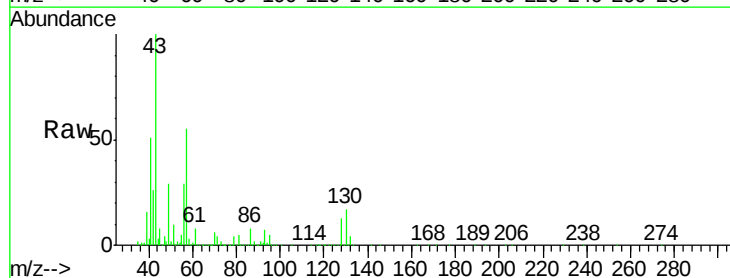
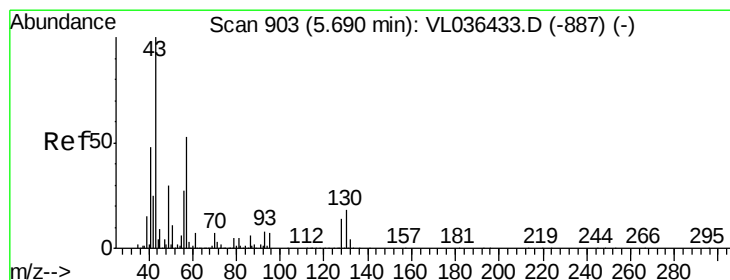
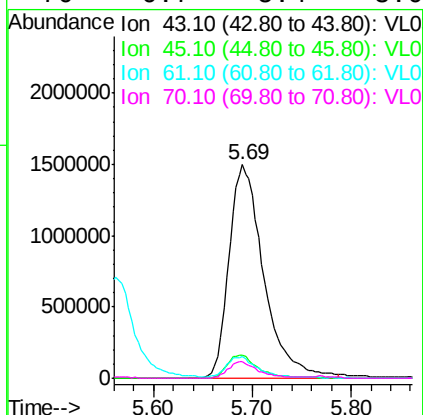


#25  
Ethyl Acetate  
Concen: 9.720 ppbv  
RT: 5.69  
Instrument: MSVOA\_L  
Delta R.T.:  
Lab File: ClientSampleId :  
Acq: 3 Mar 2021 15:14

Tot Ion:  
Ion Ratio  
43 100  
45 10.  
61 9.  
70 6.7 5.4 8.0

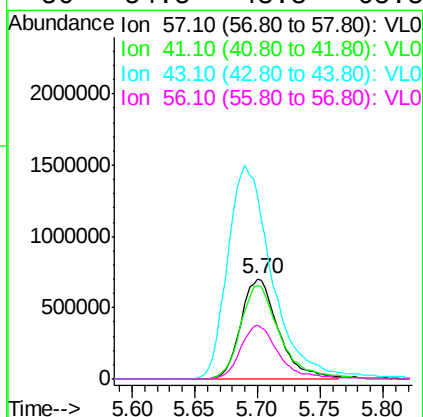
Manual Integrations  
APPROVED

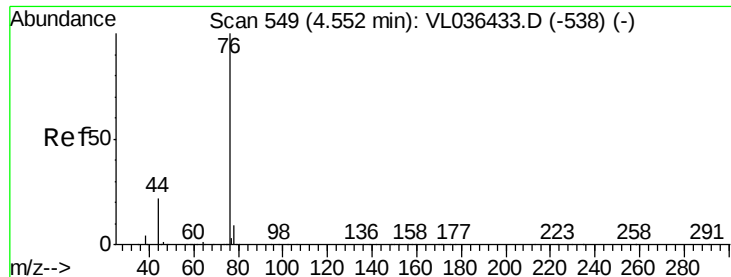
Reviewed By :Semsettin Yesilyurt 03/04/2021  
Supervised By :Mahesh Dadoda 03/04/2021



#26  
Hexane  
Concen: 9.536 ppbv  
RT: 5.70 min Scan# 906  
Delta R.T.: 0.01 min  
Lab File: VL036440.D  
Acq: 3 Mar 2021 15:14

Tgt Ion: 57 Resp: 1469631  
Ion Ratio Lower Upper  
57 100  
41 99.4 80.4 120.6  
43 253.3 199.8 299.6  
56 54.5 43.8 65.8



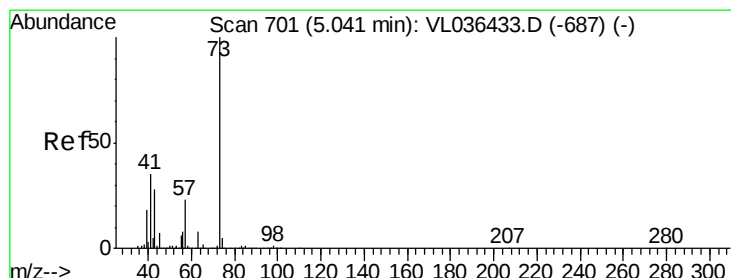
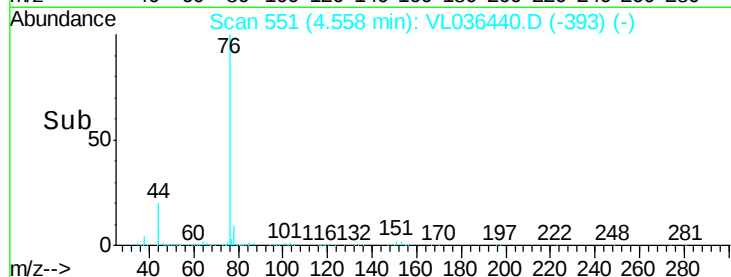
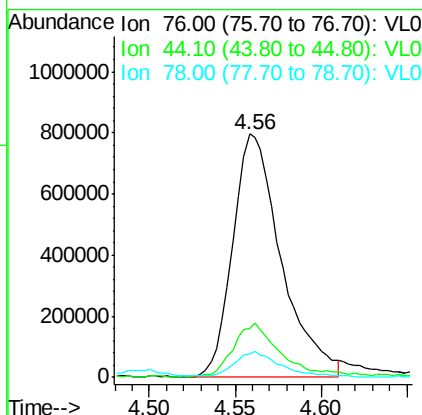
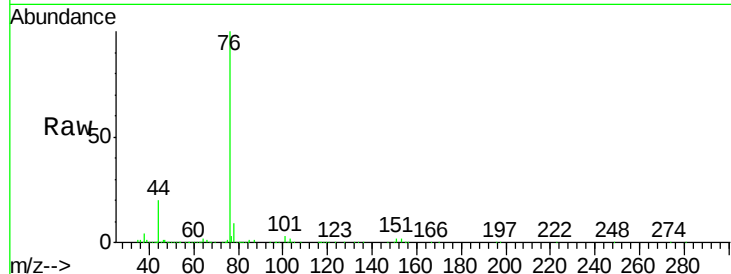


#27  
Carbon Disulfide  
Concen: 10.123 ppbv  
RT: 4.56  
Instrument: MSVOA\_1  
Delta R.T.:  
Lab File: ClientSampleId :  
Acq: 3 Mar 2021 15:14

Tot Ion:  
Ion Ratio  
76 100  
44 22.  
78 10.

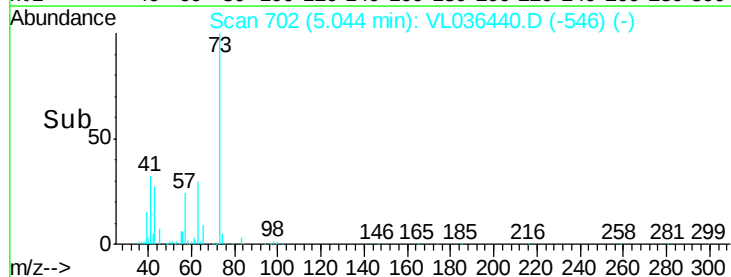
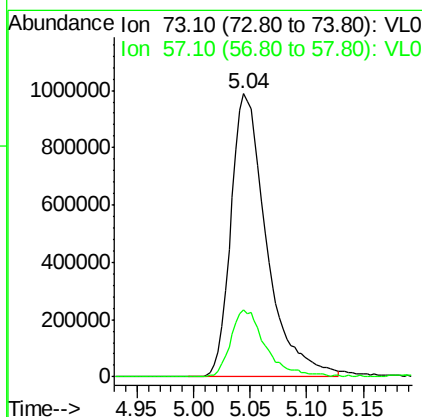
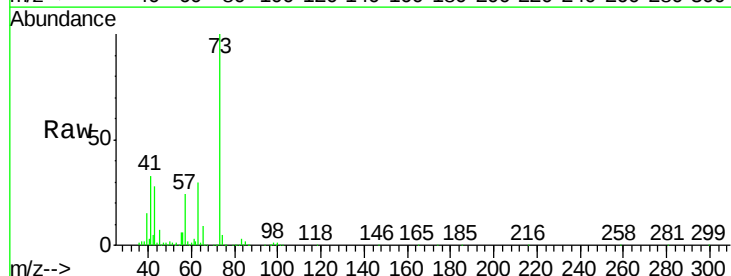
Manual Integrations  
APPROVED

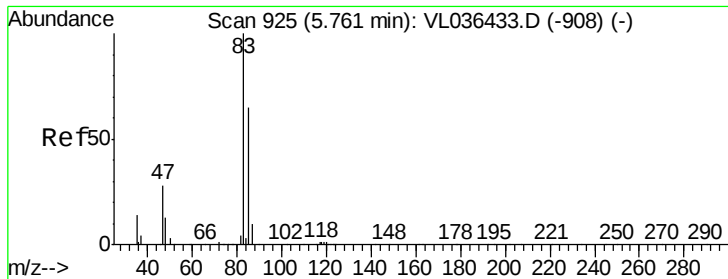
Reviewed By :Semsettin Yesilyurt 03/04/2021  
Supervised By :Mahesh Dadoda 03/04/2021



#28  
Methyl tert-Butyl Ether  
Concen: 10.515 ppbv  
RT: 5.04 min Scan# 702  
Delta R.T. 0.00 min  
Lab File: VL036440.D  
Acq: 3 Mar 2021 15:14

Tgt Ion: 73 Resp: 2171527  
Ion Ratio Lower Upper  
73 100  
57 23.5 19.0 28.6



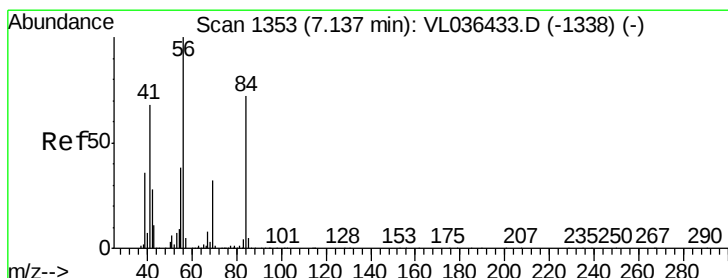
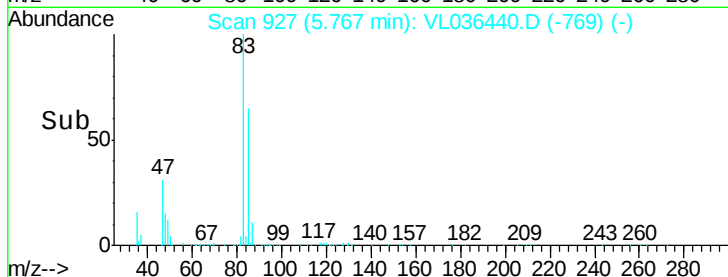
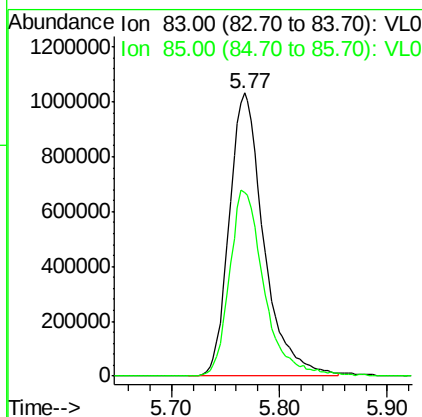
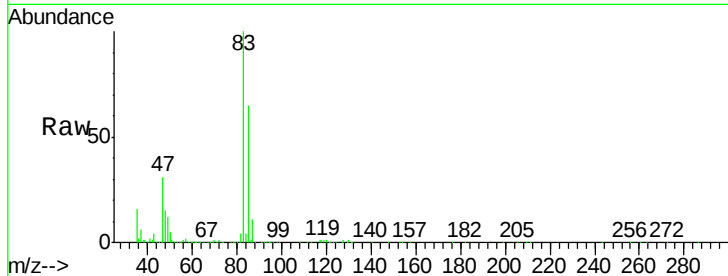


#29  
Chloroform  
Concen: 9.132 ppbv  
RT: 5.77  
Delta R.T. MSVOA\_L  
Lab File: ClientSampleId :  
Acq: 3 Mar 2021 15:14

Tot Ion:  
Ion Ratio  
83 100  
85 64.

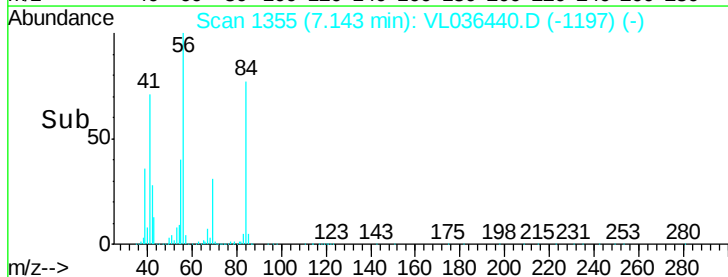
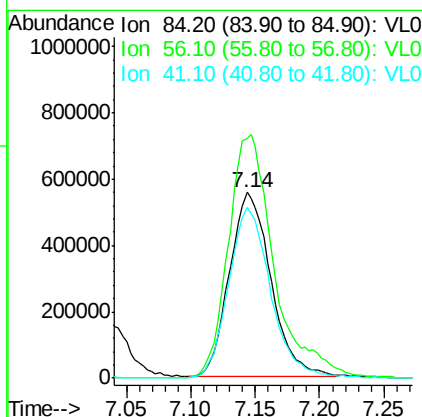
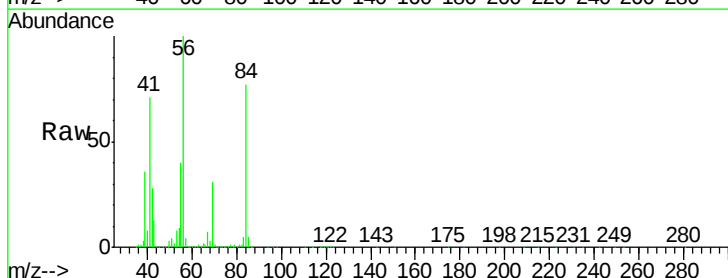
Manual Integrations  
APPROVED

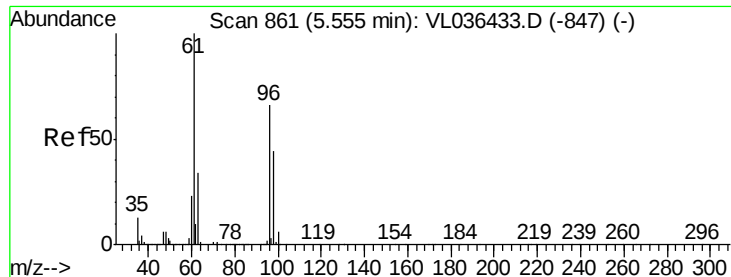
Reviewed By :Semsettin Yesilyurt 03/04/2021  
Supervised By :Mahesh Dadoda 03/04/2021



#30  
Cyclohexane  
Concen: 9.739 ppbv  
RT: 7.14 min Scan# 1355  
Delta R.T. 0.01 min  
Lab File: VL036440.D  
Acq: 3 Mar 2021 15:14

Tgt Ion: 84 Resp: 1240092  
Ion Ratio Lower Upper  
84 100  
56 147.4 117.6 176.4  
41 95.0 75.9 113.9





#31

cis-1,2-Dichloroethene

Concen: 10.250 ppbv

RT: 5.56 Instrument:

Delta R.T. MSVOA\_L

Lab File: ClientSampleId:

Acq: 3 Mar 2021 15:14

Tot Ion:

Ion Ratio

61 100

96 61.

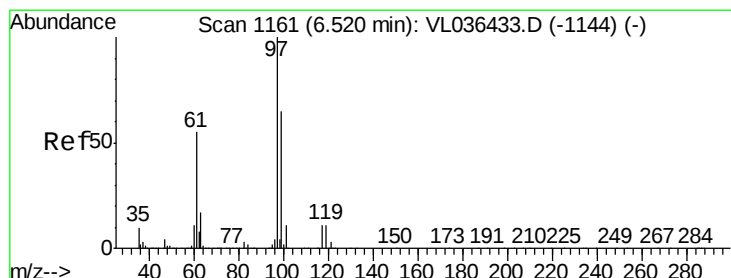
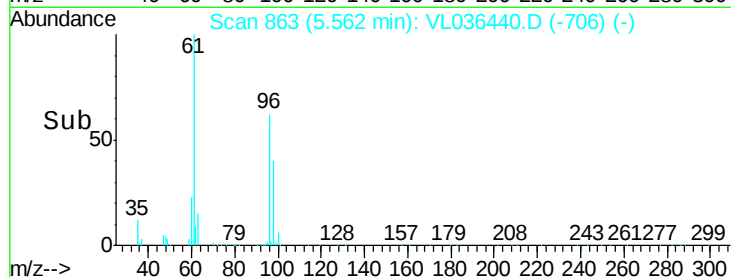
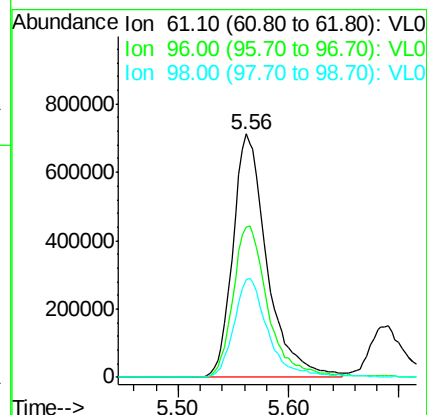
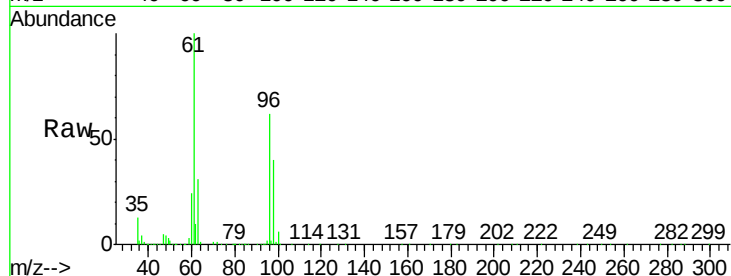
98 40.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#32

1,1,1-Trichloroethane

Concen: 9.040 ppbv

RT: 6.53 min Scan# 1163

Delta R.T. 0.01 min

Lab File: VL036440.D

Acq: 3 Mar 2021 15:14

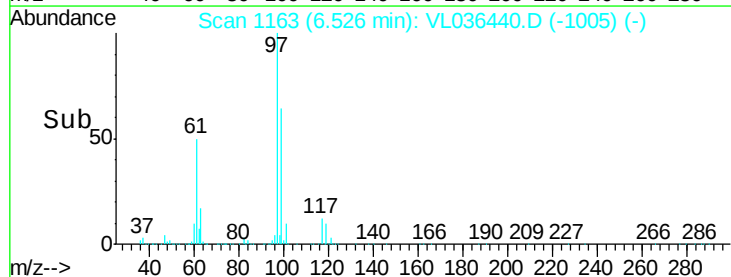
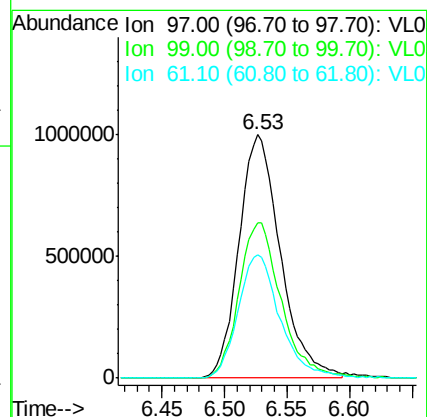
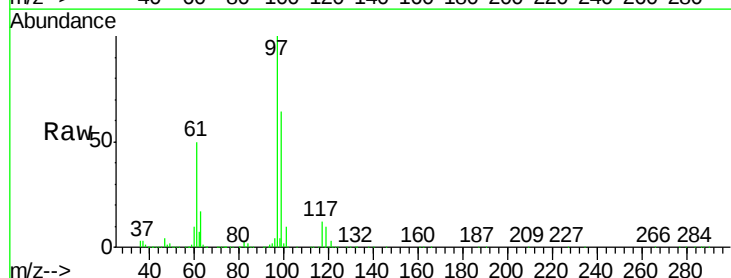
Tgt Ion: 97 Resp: 2290318

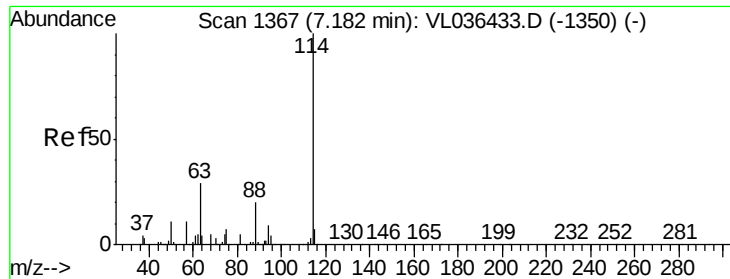
Ion Ratio Lower Upper

97 100

99 65.3 52.1 78.1

61 51.5 42.2 63.4



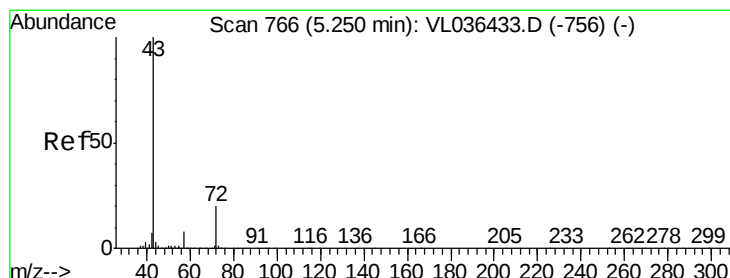
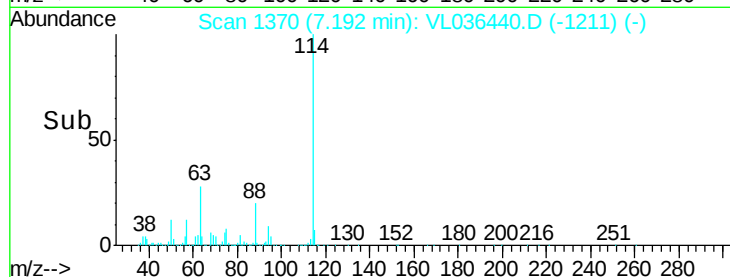
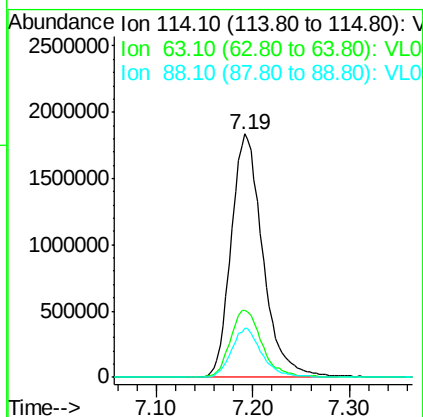
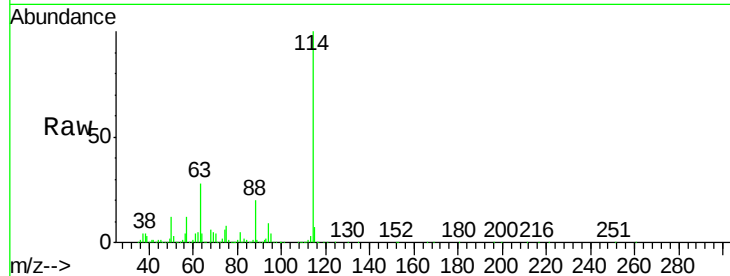


#33  
 1,4-Difluorobenzene  
 Concen: 10.000 ppbv  
 RT: 7.19  
 Instrument: MSVOA\_1  
 Delta R.T.:  
 Lab File: ClientSampleId:  
 Acq: 3 Mar 2021 15:14

Tot Ion: 1  
 Ion Ratio  
 114 100  
 63 28.  
 88 19.

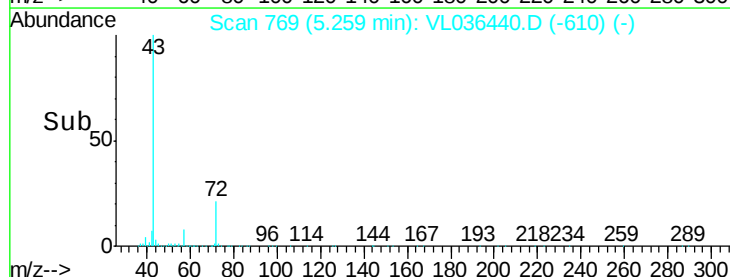
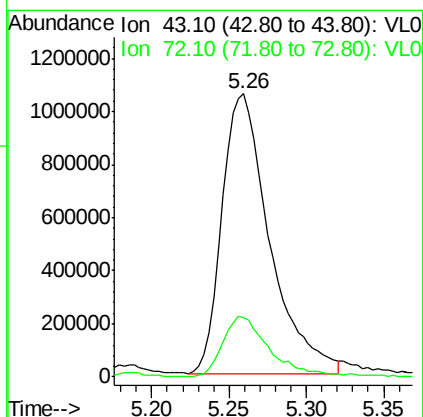
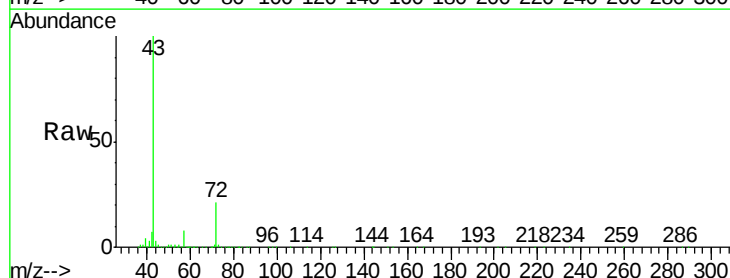
Manual Integrations  
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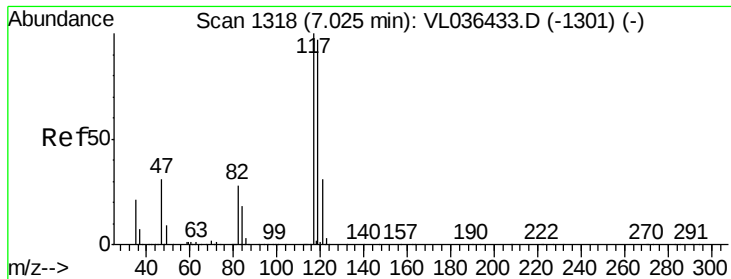
Reviewed By :Semsettin Yesilyurt 03/04/2021  
 Supervised By :Mahesh Dadoda 03/04/2021



#34  
 2-Butanone  
 Concen: 8.902 ppbv  
 RT: 5.26 min Scan# 769  
 Delta R.T. 0.01 min  
 Lab File: VL036440.D  
 Acq: 3 Mar 2021 15:14

Tgt Ion: 43 Resp: 2245642  
 Ion Ratio Lower Upper  
 43 100  
 72 21.8 16.7 25.1



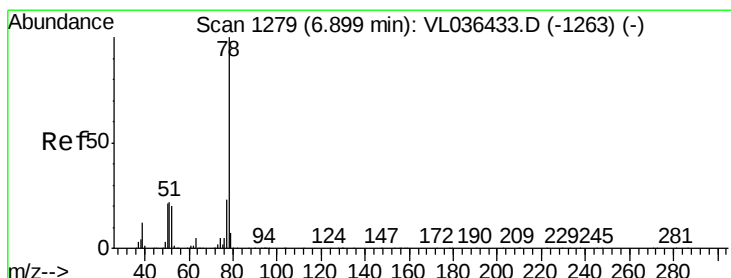
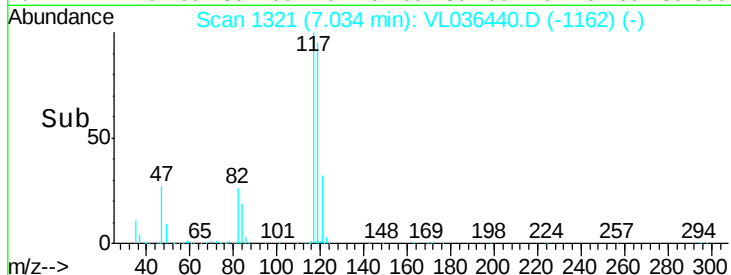
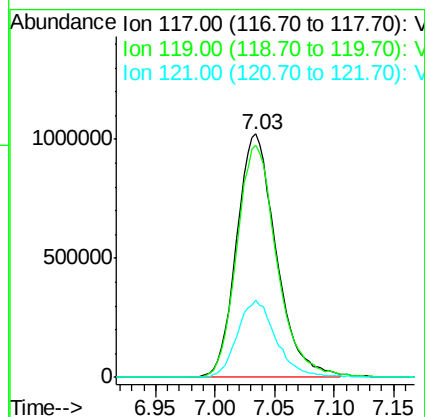
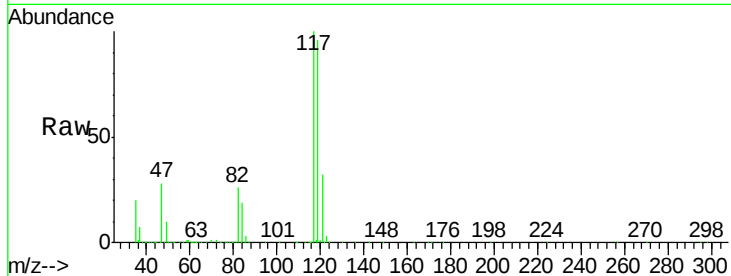


#35  
Carbon Tetrachloride  
Concen: 8.709 ppbv  
RT: 7.03  
Delta R.T. MSVOA\_L  
Lab File: ClientSampleId :  
Acq: 3 Mar 2021 15:14

Tot Ion:1  
Ion Rati  
117 100  
119 95.  
121 31.

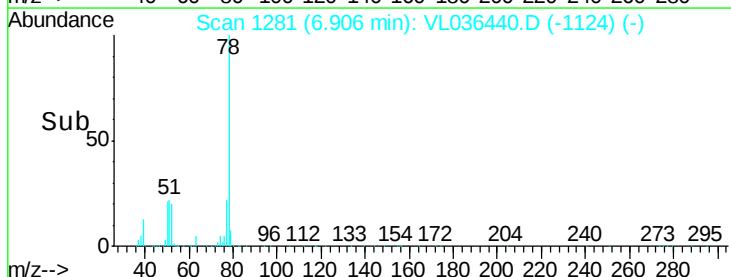
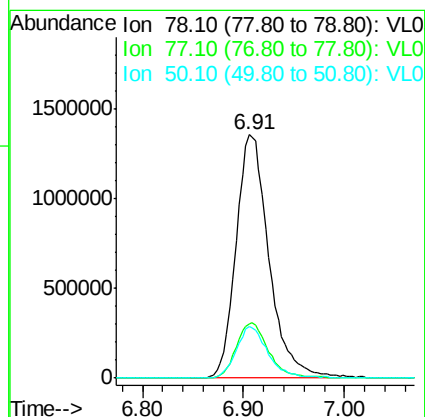
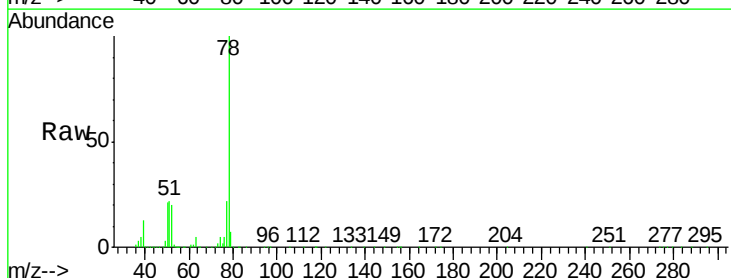
Manual Integrations  
APPROVED

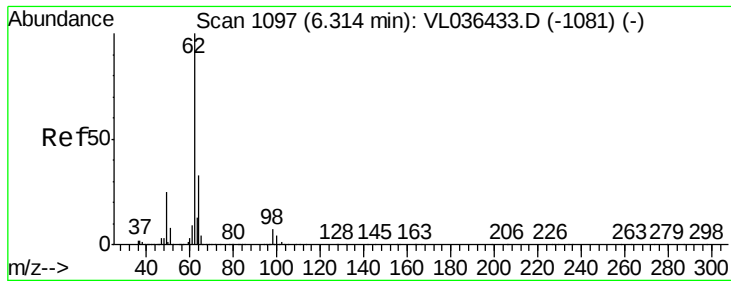
Reviewed By :Semsettin Yesilyurt 03/04/2021  
Supervised By :Mahesh Dadoda 03/04/2021



#36  
Benzene  
Concen: 9.443 ppbv  
RT: 6.91 min Scan# 1281  
Delta R.T. 0.01 min  
Lab File: VL036440.D  
Acq: 3 Mar 2021 15:14

Tgt Ion: 78 Resp: 3066640  
Ion Ratio Lower Upper  
78 100  
77 22.1 18.1 27.1  
50 21.0 16.8 25.2





#37

1,2-Dichloroethane

Concen: 8.841 ppbv

RT: 6.32

Delta R.T. MSVOA\_L

Lab File: ClientSampleId :

Acq: 3 Mar 2021 15:14

Tot Ion:

Ion Ratio

62 100

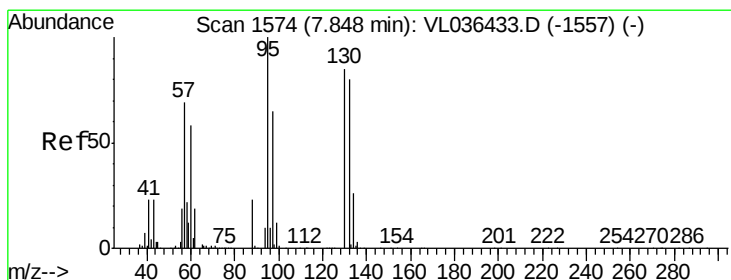
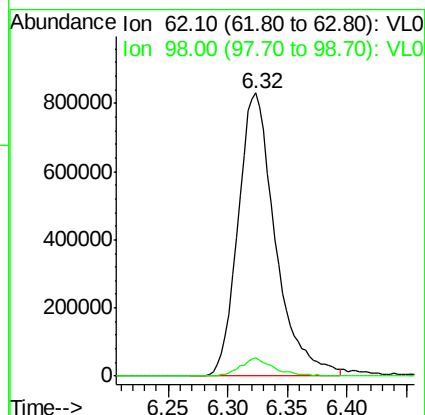
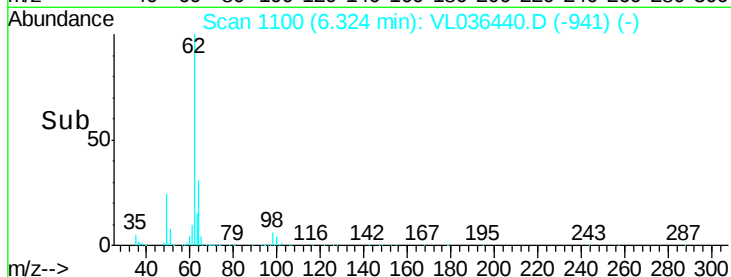
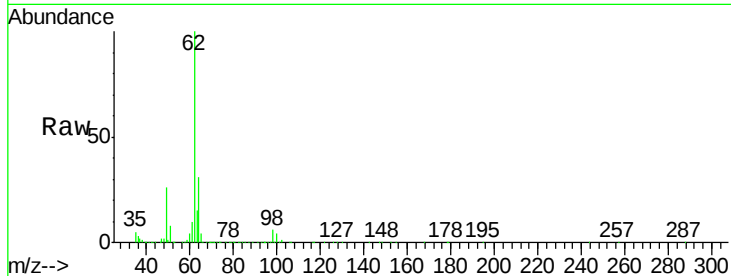
98 6.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#38

Trichloroethene

Concen: 8.996 ppbv

RT: 7.85 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VL036440.D

Acq: 3 Mar 2021 15:14

Tgt Ion:130 Resp: 1104091

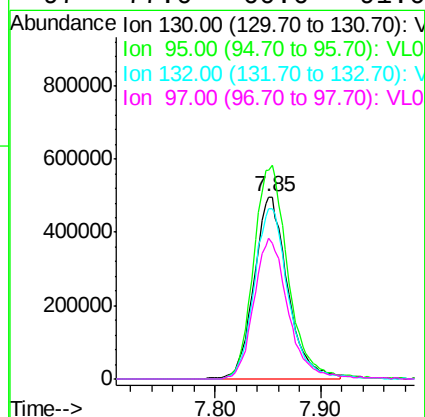
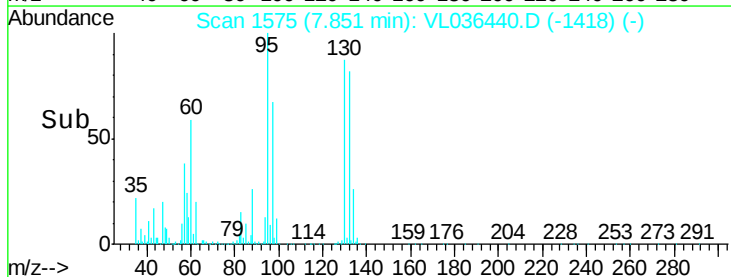
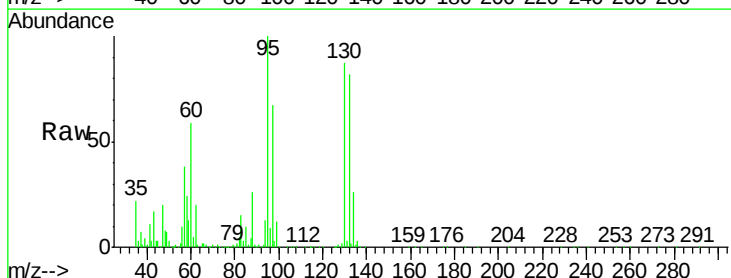
Ion Ratio Lower Upper

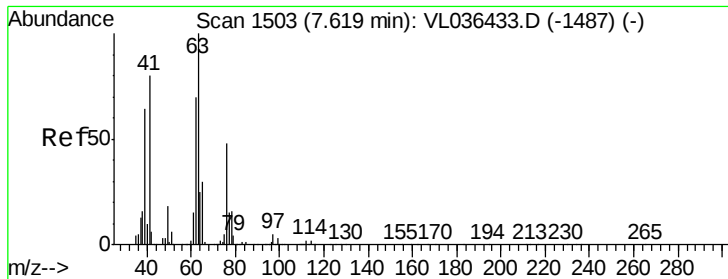
130 100

95 114.4 93.8 140.8

132 93.5 74.6 112.0

97 77.0 60.6 91.0



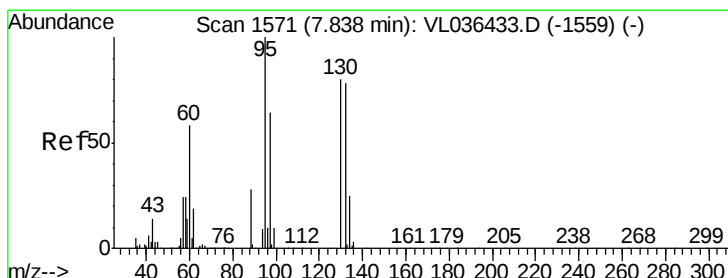
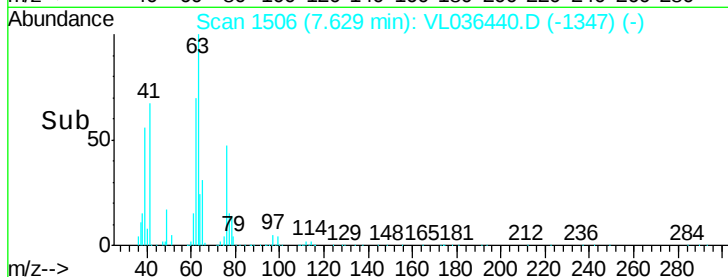
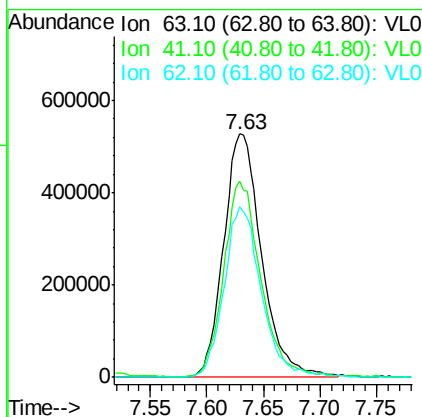
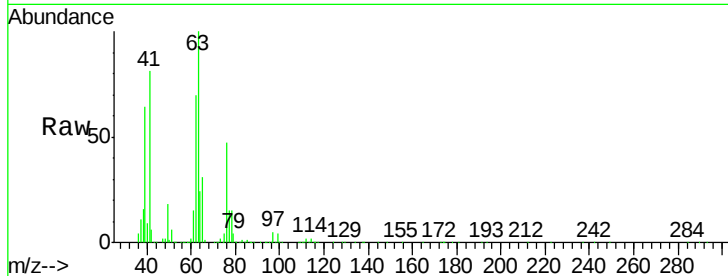


#39  
 1,2-Dichloropropane  
 Concen: 8.802 ppbv  
 RT: 7.63  
 Delta R.T. MSVOA\_L  
 Lab File: ClientSampleId :  
 Acq: 3 Mar 2021 15:14

Tot Ion:  
 Ion Ratio  
 63 100  
 41 80.  
 62 70.

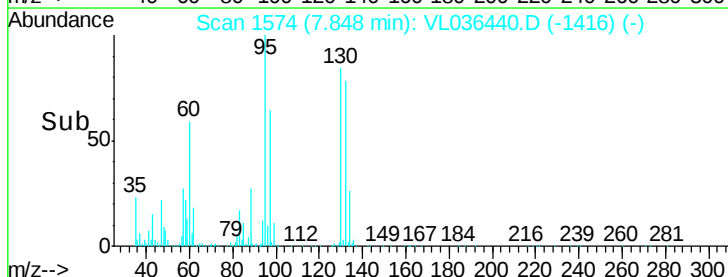
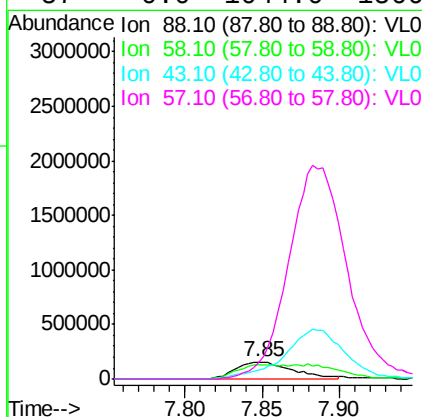
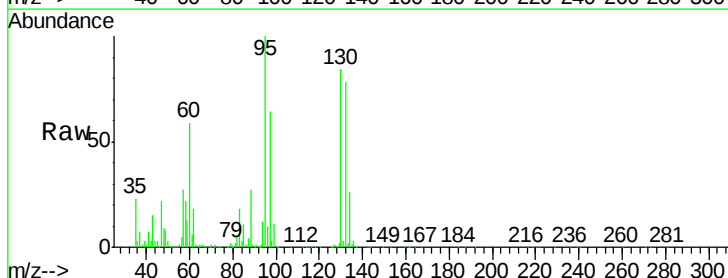
Manual Integrations  
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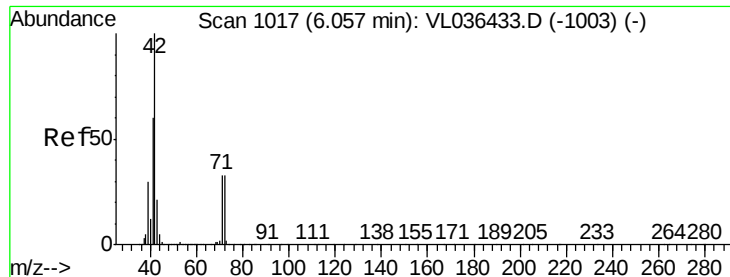
Reviewed By :Semsettin Yesilyurt 03/04/2021  
 Supervised By :Mahesh Dadoda 03/04/2021



#40  
 1,4-Dioxane  
 Concen: 8.660 ppbv  
 RT: 7.85 min Scan# 1574  
 Delta R.T. 0.01 min  
 Lab File: VL036440.D  
 Acq: 3 Mar 2021 15:14

Tgt Ion: 88 Resp: 392560  
 Ion Ratio Lower Upper  
 88 100  
 58 0.0 119.6 179.4#  
 43 0.0 254.2 381.4#  
 57 0.0 1044.0 1566.0#





#41

Tetrahydrofuran

Concen: 9.864 ppbv

RT: 6.06

Delta R.T. MSVOA\_L

Lab File: ClientSampleId:

Acq: 3 Mar 2021 15:14

Tot Ion:

Ion Ratio

42 100

72 36.

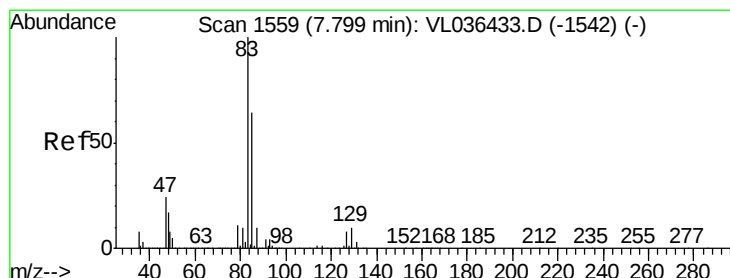
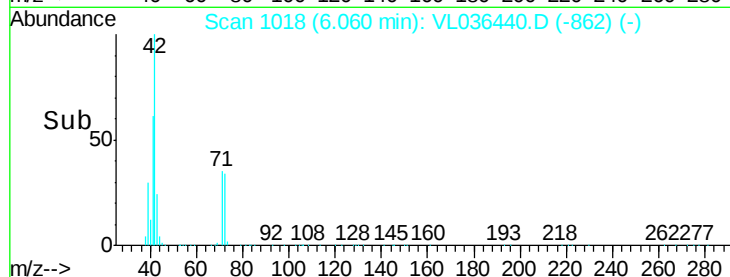
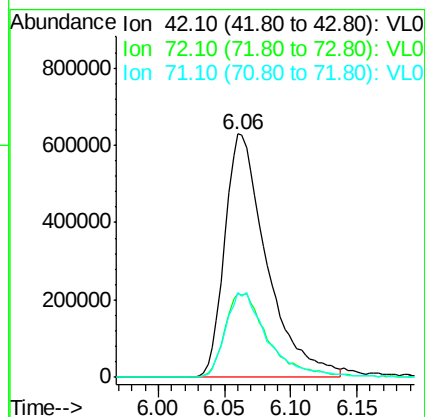
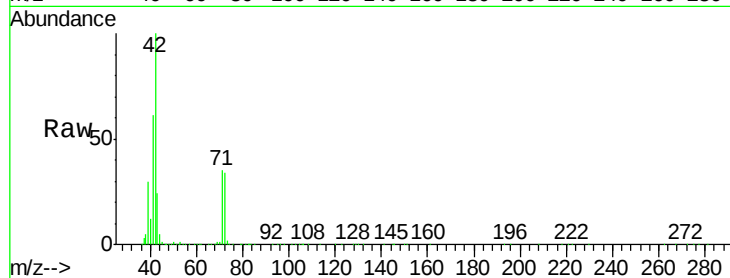
71 35.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#42

Bromodichloromethane

Concen: 9.190 ppbv

RT: 7.81 min Scan# 1562

Delta R.T. 0.01 min

Lab File: VL036440.D

Acq: 3 Mar 2021 15:14

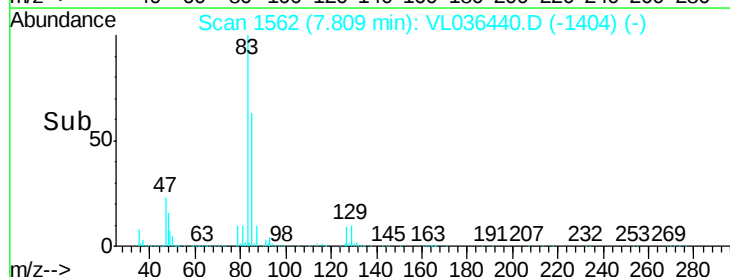
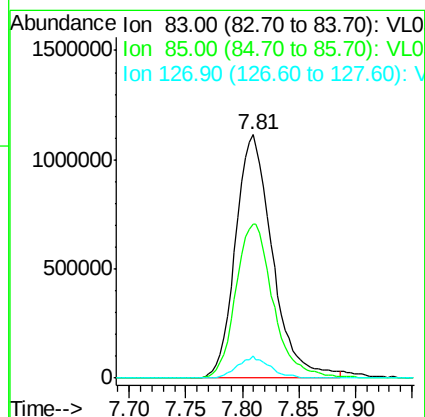
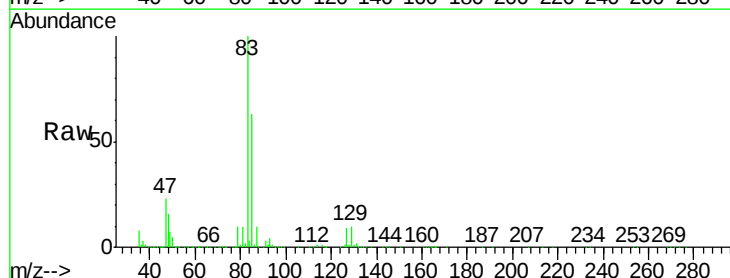
Tgt Ion: 83 Resp: 2534341

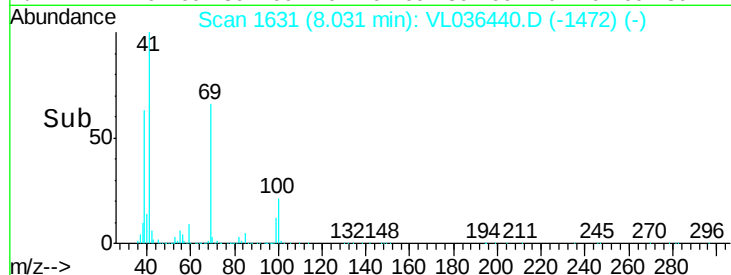
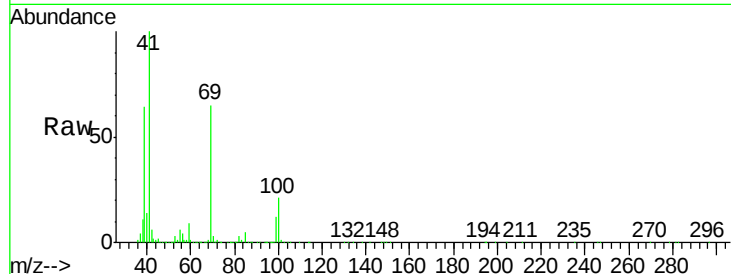
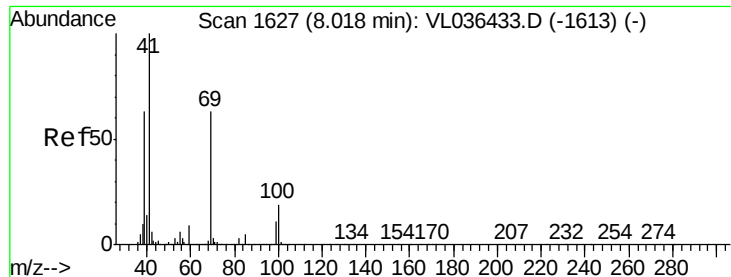
Ion Ratio Lower Upper

83 100

85 63.3 51.2 76.8

127 8.9 6.0 9.0





#43

Methyl Methacrylate

Concen: 10.437 ppbv

RT: 8.03

Instrument: MSVOA\_1

Delta R.T. 0.01 min

Lab File: ClientSampleId : ICVVL030321

Acq: 3 Mar 2021 15:14

Tot Ion:

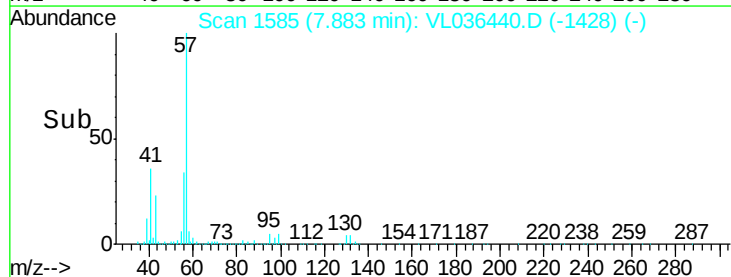
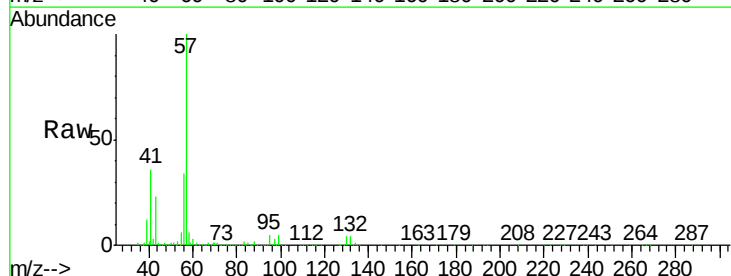
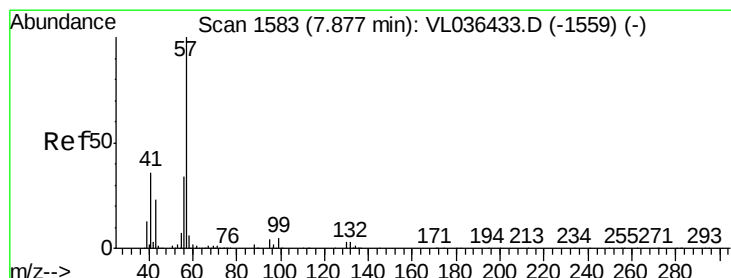
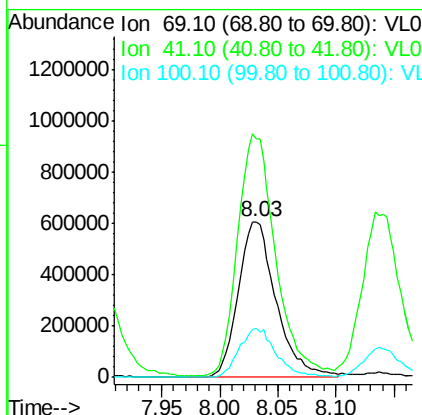
| Ion | Ratio |
|-----|-------|
| 69  | 100   |
| 41  | 158.  |
| 100 | 31.   |

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#44

2,2,4-Trimethylpentane

Concen: 8.743 ppbv

RT: 7.88 min Scan# 1585

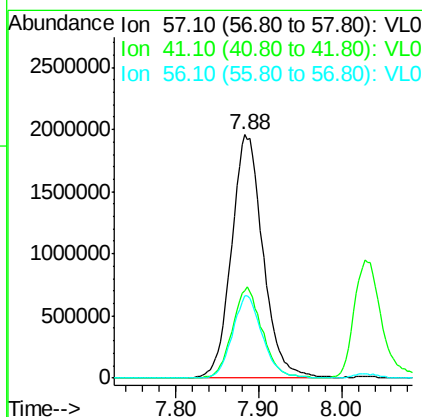
Delta R.T. 0.01 min

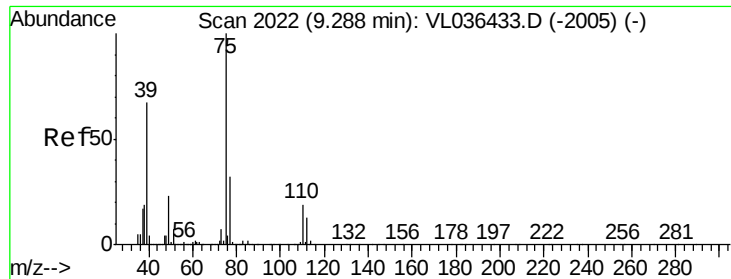
Lab File: VL036440.D

Acq: 3 Mar 2021 15:14

Tgt Ion: 57 Resp: 5177408

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 57  | 100   |       |       |
| 41  | 35.5  | 28.2  | 42.2  |
| 56  | 32.2  | 25.9  | 38.9  |





#45

t-1,3-Dichloropropene

Concen: 11.407 ppbv

RT: 9.30 Instrument:

Delta R.T. MSVOA\_L

Lab File: ClientSampleId:

Acq: 3 Mar 2021 15:14

Tot Ion:

Ion Ratio

75 100

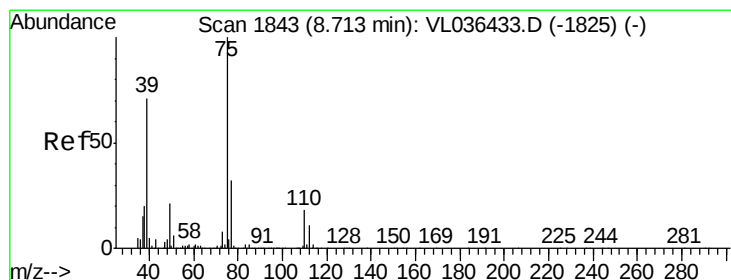
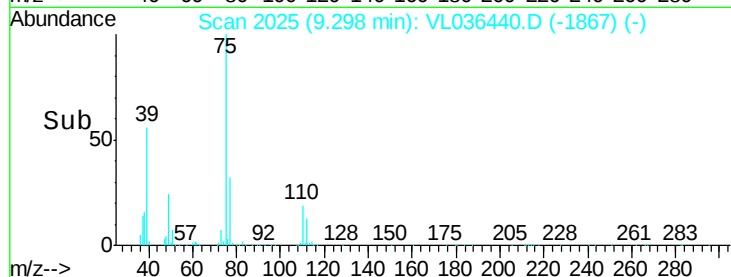
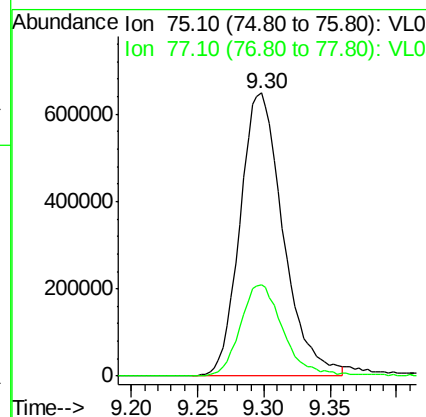
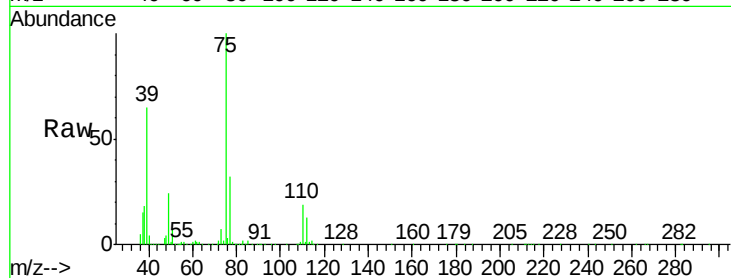
77 32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#46

cis-1,3-Dichloropropene

Concen: 10.610 ppbv

RT: 8.72 min Scan# 1846

Delta R.T. 0.01 min

Lab File: VL036440.D

Acq: 3 Mar 2021 15:14

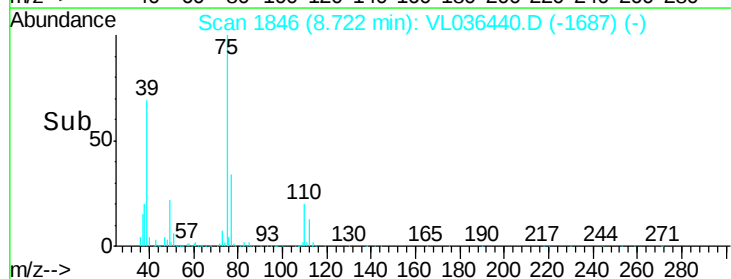
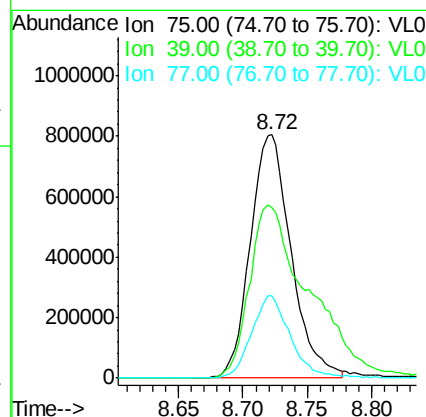
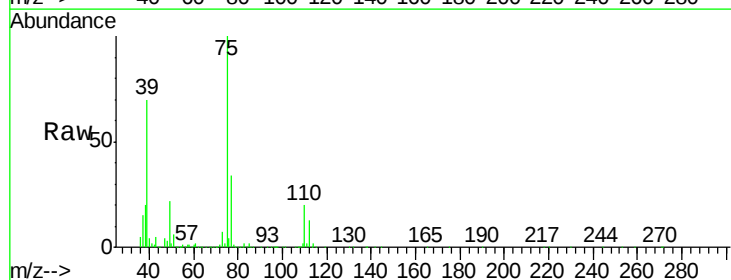
Tgt Ion: 75 Resp: 1773130

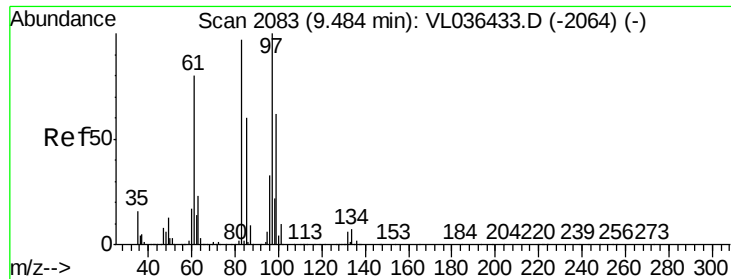
Ion Ratio Lower Upper

75 100

39 69.7 57.1 85.7

77 33.6 25.3 37.9



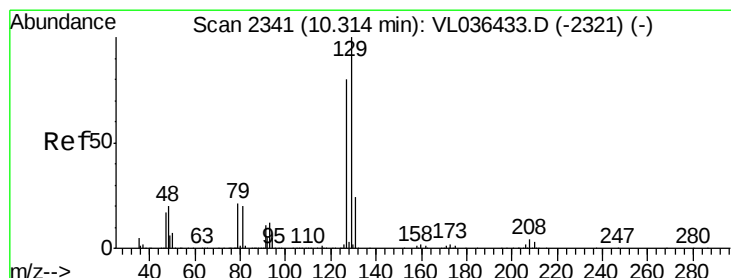
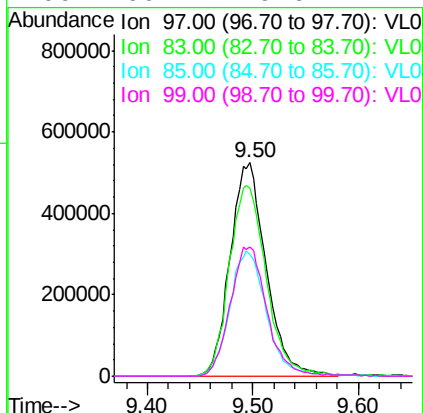
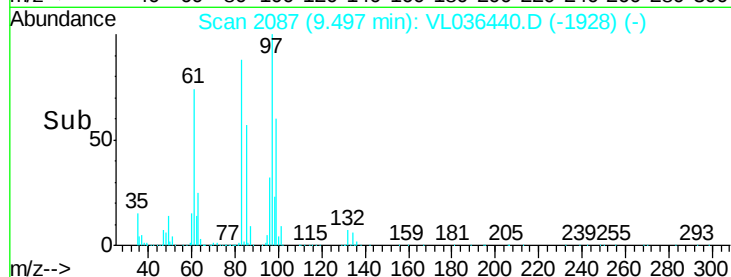
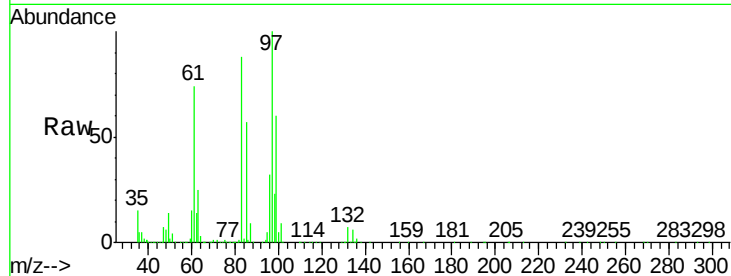


#47  
 1,1,2-Trichloroethane  
 Concen: 9.010 ppbv  
 RT: 9.50  
 Delta R.T. MSVOA\_L  
 Lab File: ClientSampleId :  
 Acq: 3 Mar 2021 15:14

Tot Ion:  
 Ion Ratio  
 97 100  
 83 88.  
 85 56.  
 99 60.1 49.6 74.4

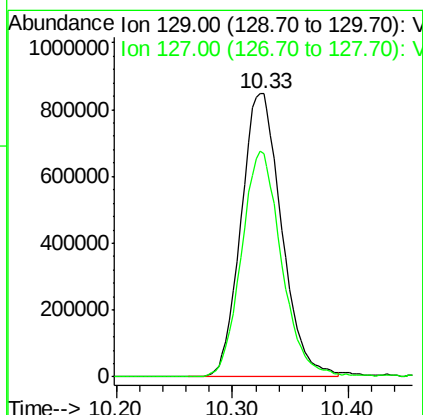
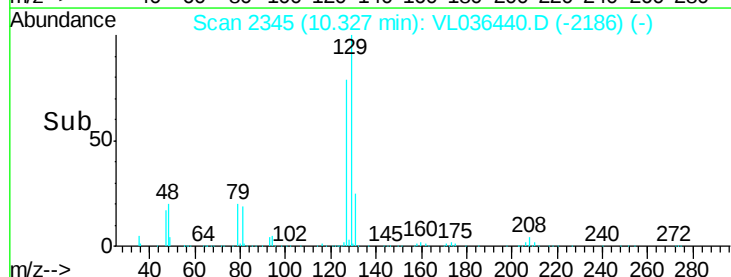
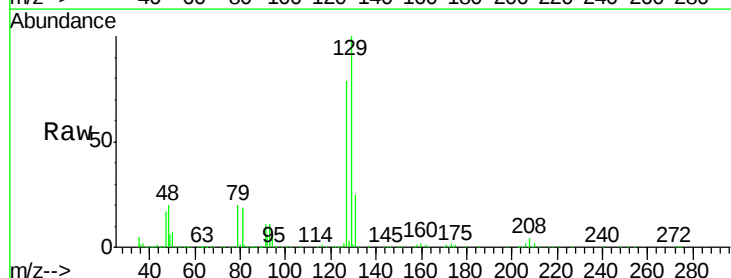
Manual Integrations  
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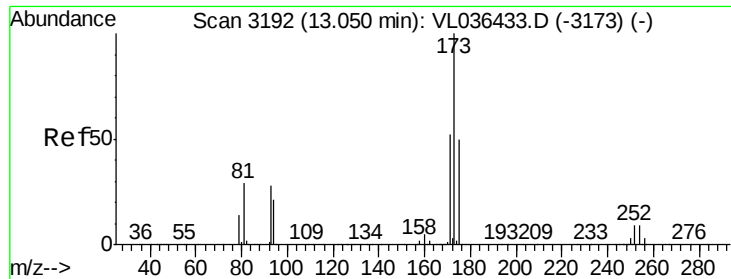
Reviewed By :Semsettin Yesilyurt 03/04/2021  
 Supervised By :Mahesh Dadoda 03/04/2021



#48  
 Dibromochloromethane  
 Concen: 9.889 ppbv  
 RT: 10.33 min Scan# 2345  
 Delta R.T. 0.01 min  
 Lab File: VL036440.D  
 Acq: 3 Mar 2021 15:14

Tgt Ion:129 Resp: 2061618  
 Ion Ratio Lower Upper  
 129 100  
 127 79.5 39.4 118.1





#49

Bromoform

Concen: 10.302 ppbv

RT: 13.06

Delta R.T. MSVOA\_L

Lab File: ClientSampleId :

Acq: 3 Mar 2021 15:14

Tot Ion:1

Ion Ratio

173 100

175 49.

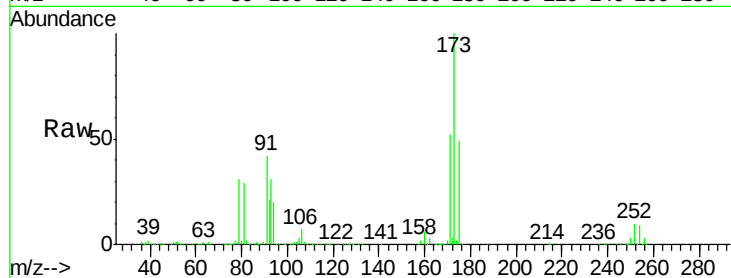
171 52.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

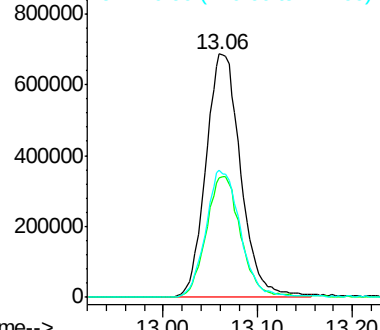
Supervised By :Mahesh Dadoda 03/04/2021



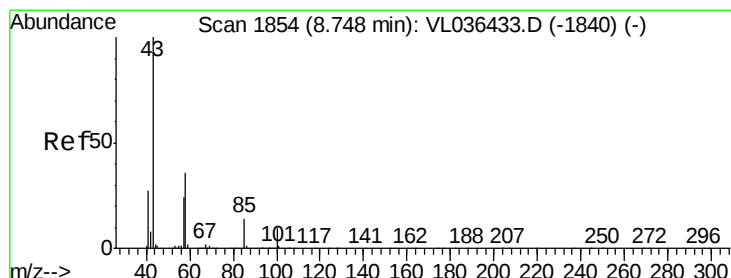
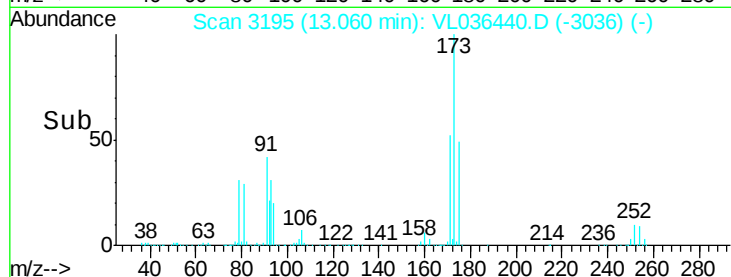
Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



Time-->



#50

4-Methyl-2-Pentanone

Concen: 9.731 ppbv

RT: 8.76 min Scan# 1857

Delta R.T. 0.01 min

Lab File: VL036440.D

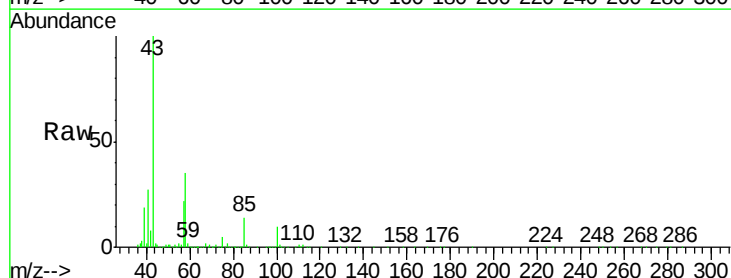
Acq: 3 Mar 2021 15:14

Tgt Ion: 43 Resp: 3573875

Ion Ratio Lower Upper

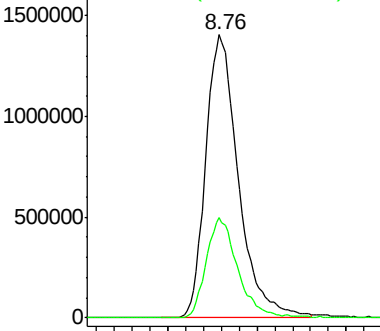
43 100

58 34.7 27.8 41.8

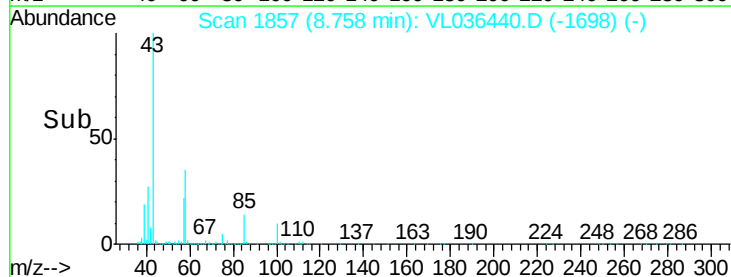


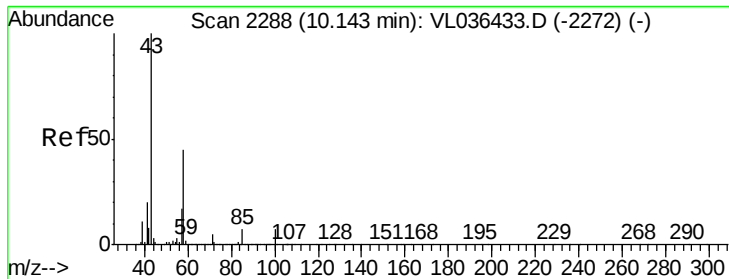
Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



Time-->



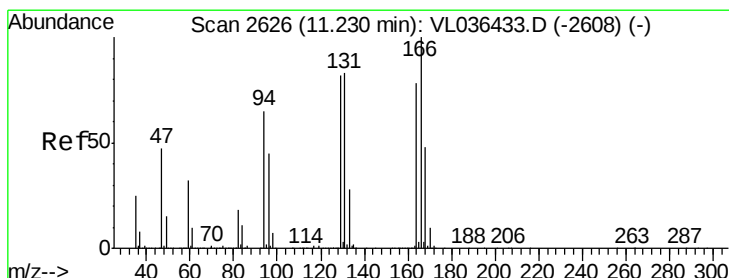
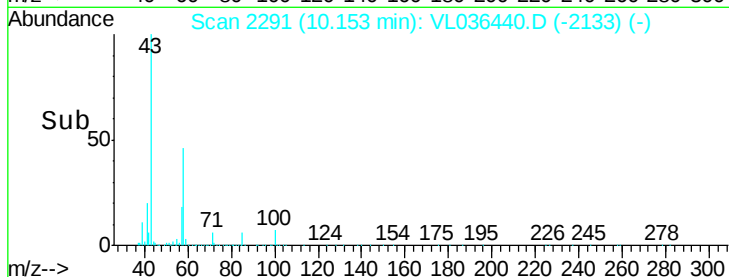
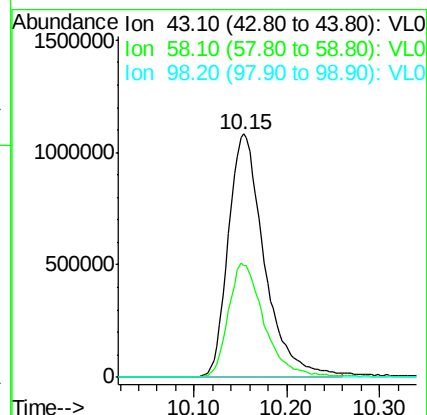
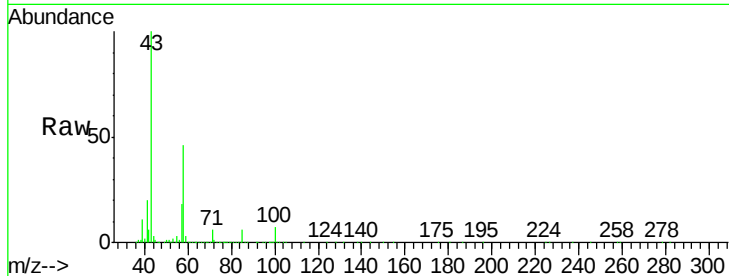


#51  
2-Hexanone  
Concen: 10.543 ppbv  
RT: 10.15  
Delta R.T. MSVOA\_L  
Lab File: ClientSampleId :  
Acq: 3 Mar 2021 15:14

Tot Ion:  
Ion Ratio  
43 100  
58 47.  
98 0.

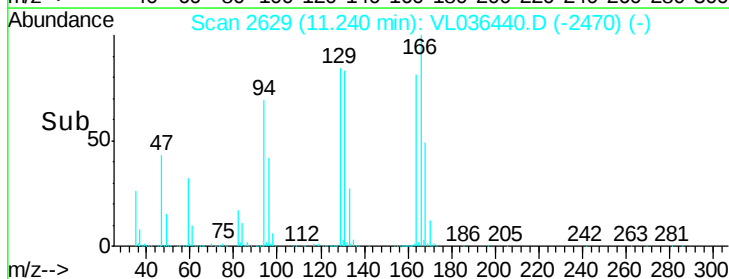
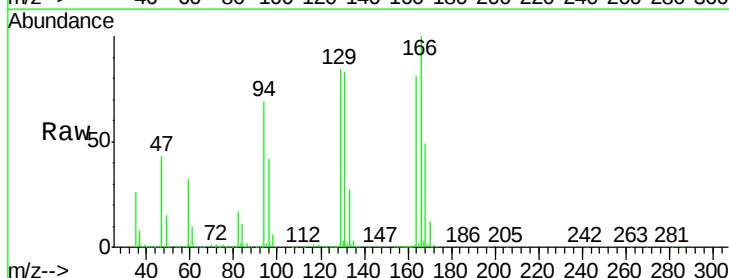
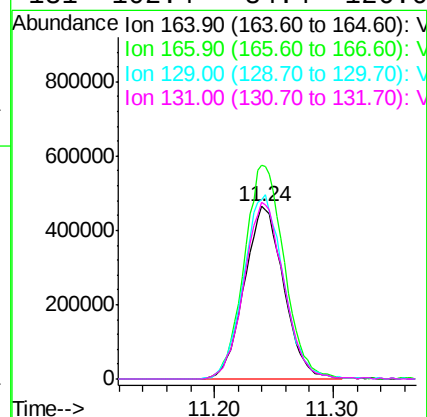
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APPROVED

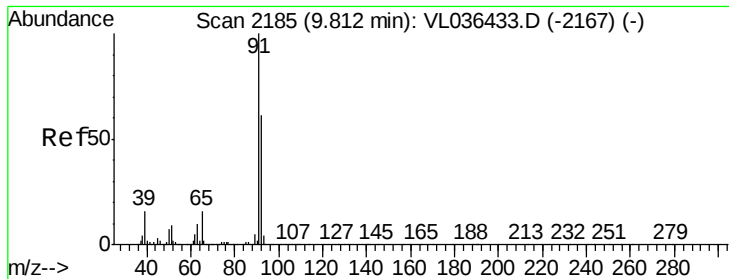
Reviewed By :Semsettin Yesilyurt 03/04/2021  
Supervised By :Mahesh Dadoda 03/04/2021



#52  
Tetrachloroethene  
Concen: 8.697 ppbv  
RT: 11.24 min Scan# 2629  
Delta R.T. 0.01 min  
Lab File: VL036440.D  
Acq: 3 Mar 2021 15:14

Tgt Ion:164 Resp: 1059285  
Ion Ratio Lower Upper  
164 100  
166 123.8 102.0 153.0  
129 103.9 83.3 124.9  
131 102.4 84.4 126.6





#53

Toluene

Concen: 9.841 ppbv

RT: 9.82 Instrument :

Delta R.T. MSVOA\_L

Lab File: ClientSampleId :

Acq: 3 Mar 2021 15:14

Tot Ion:

Ion Ratio

91 100

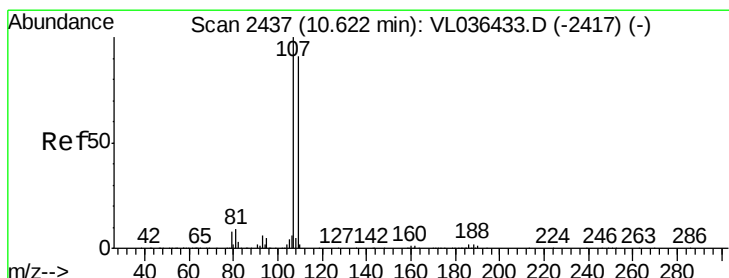
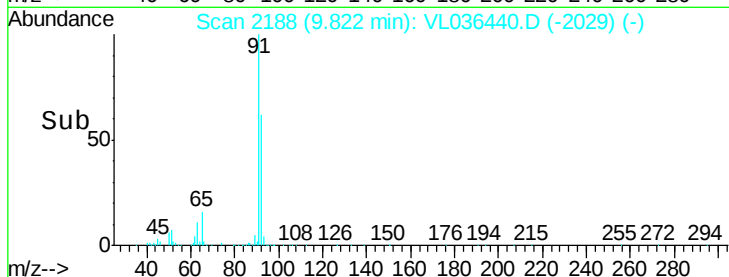
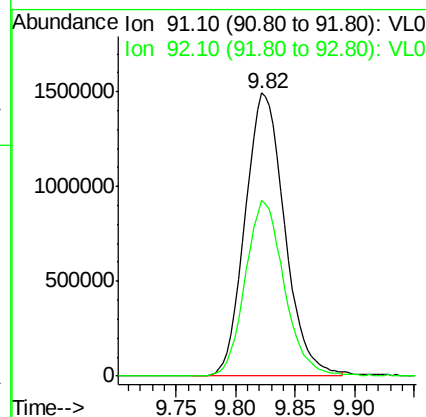
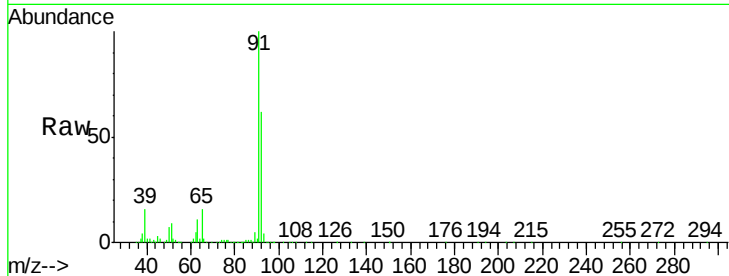
92 61.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#54

1,2-Dibromoethane

Concen: 9.338 ppbv

RT: 10.63 min Scan# 2440

Delta R.T. 0.01 min

Lab File: VL036440.D

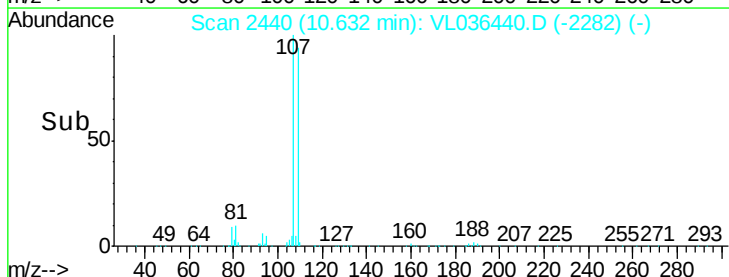
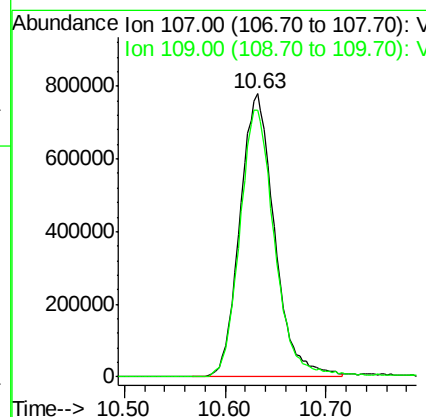
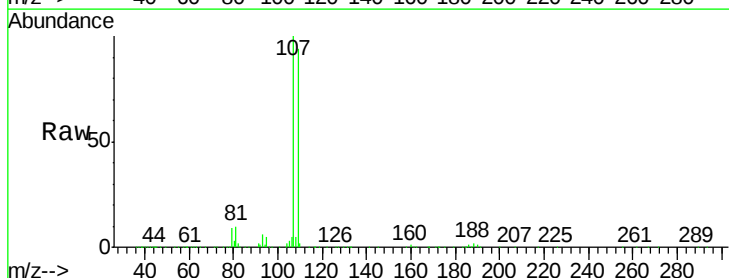
Acq: 3 Mar 2021 15:14

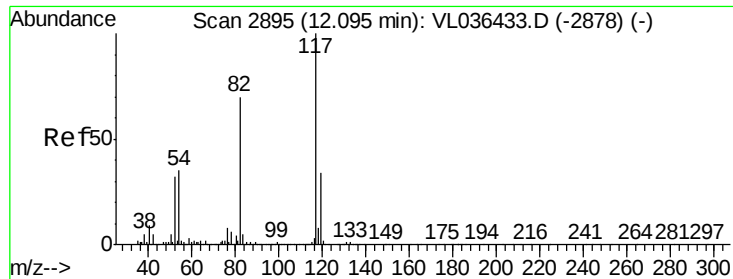
Tgt Ion:107 Resp: 1855915

Ion Ratio Lower Upper

107 100

109 94.2 73.0 109.6



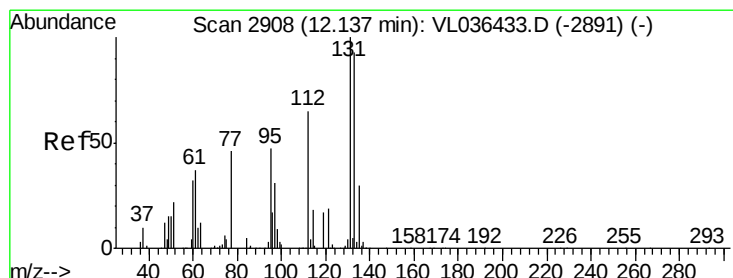
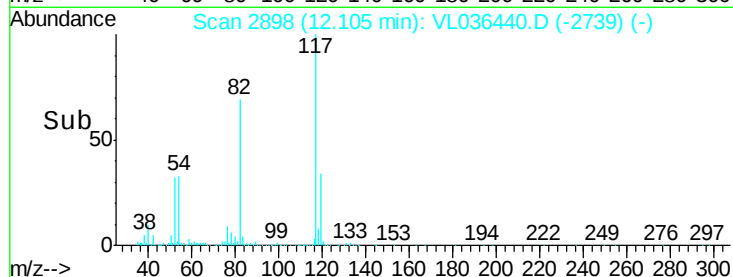
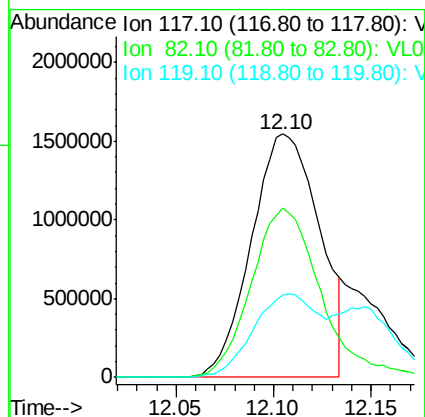
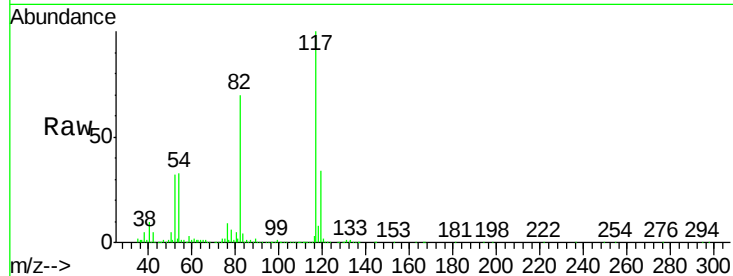


#55  
Chlorobenzene-d5  
Concen: 10.000 ppbv m  
RT: 12.10  
Instrument: MSVOA\_L  
Delta R.T.  
Lab File: ClientSampleId :  
Acq: 3 Mar 2021 15:14

Tot Ion:1  
Ion Rati  
117 100  
82 72.  
119 34.

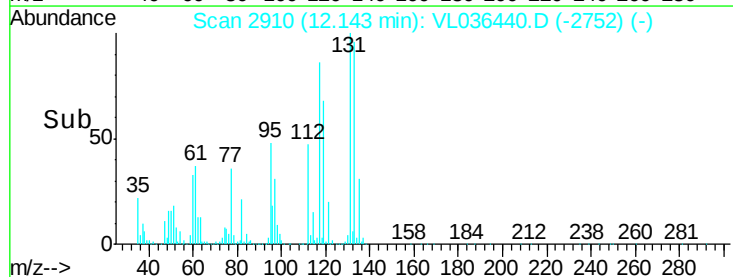
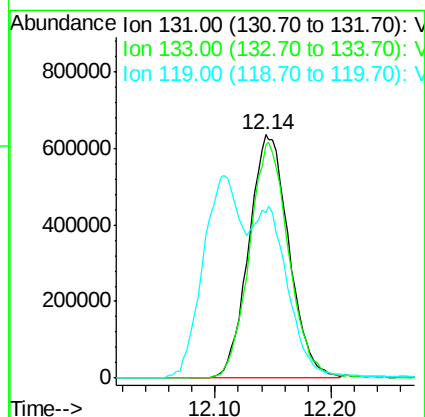
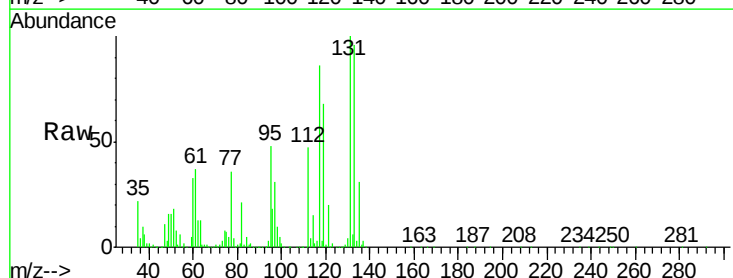
Manual Integrations  
APPROVED

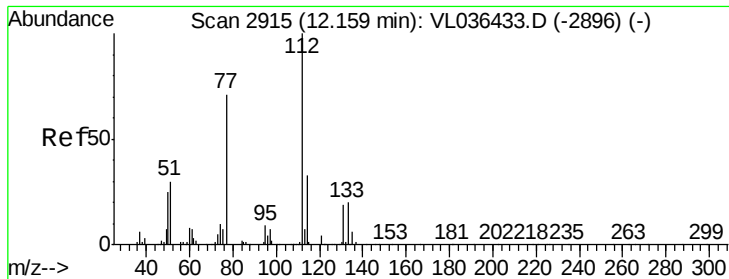
Reviewed By :Semsettin Yesilyurt 03/04/2021  
Supervised By :Mahesh Dadoda 03/04/2021



#56  
1,1,1,2-Tetrachloroethane  
Concen: 9.183 ppbv  
RT: 12.14 min Scan# 2910  
Delta R.T. 0.01 min  
Lab File: VL036440.D  
Acq: 3 Mar 2021 15:14

Tgt Ion:131 Resp: 1527501  
Ion Ratio Lower Upper  
131 100  
133 95.7 76.4 114.6  
119 64.7 112.8 169.2#





#57

Chlorobenzene

Concen: 9.232 ppbv

RT: 12.17

Delta R.T. MSVOA\_L

Lab File: ClientSampled :

Acq: 3 Mar 2021 15:14

Tot Ion:1

Ion Rati

112 100

77 73.

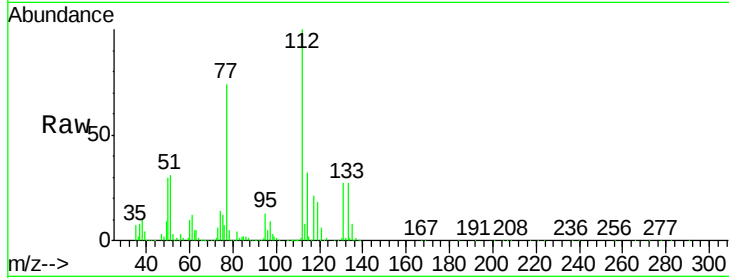
114 32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

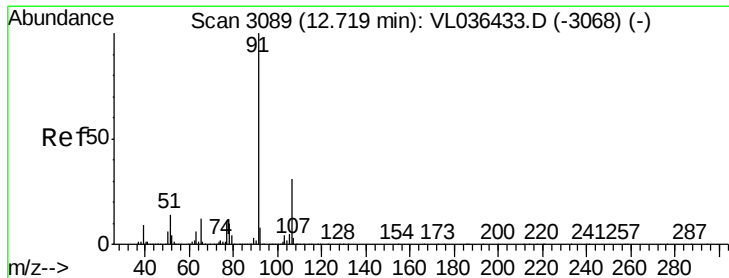
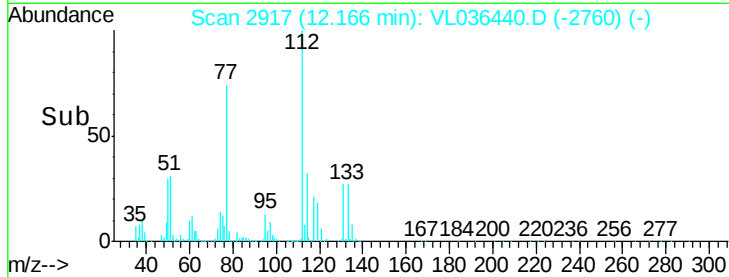
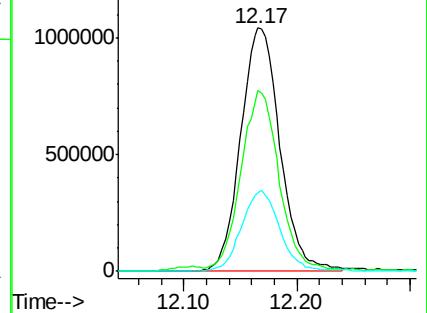
Supervised By :Mahesh Dadoda 03/04/2021



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 77.10 (76.80 to 77.80): VL0

Ion 114.10 (113.80 to 114.80): V



#58

Ethyl Benzene

Concen: 9.996 ppbv

RT: 12.73 min Scan# 3093

Delta R.T. 0.01 min

Lab File: VL036440.D

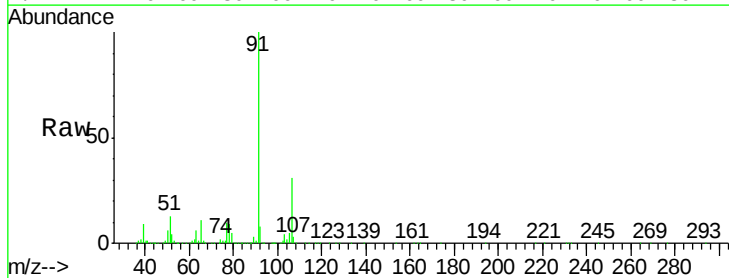
Acq: 3 Mar 2021 15:14

Tgt Ion: 91 Resp: 4662162

Ion Ratio Lower Upper

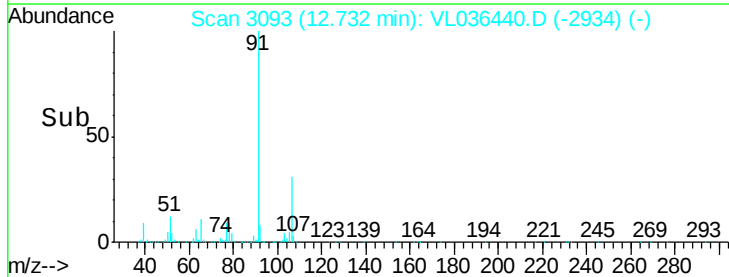
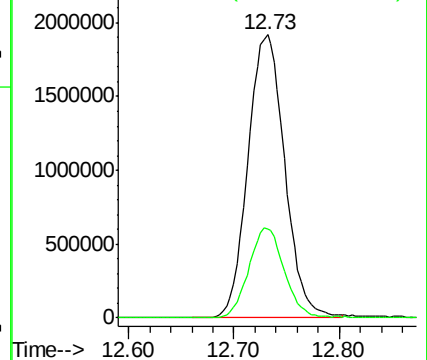
91 100

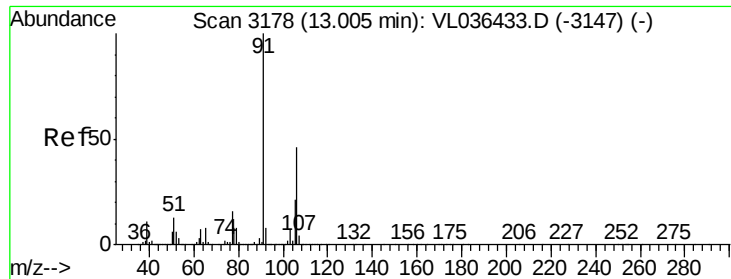
106 31.3 24.8 37.2



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



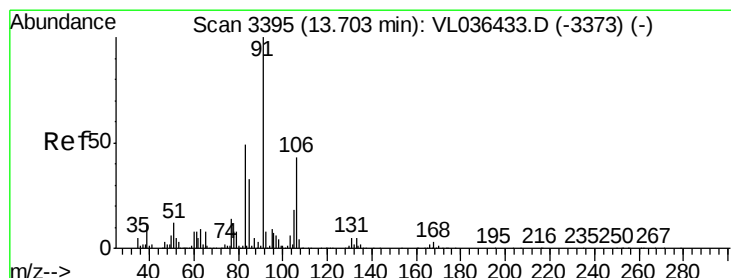
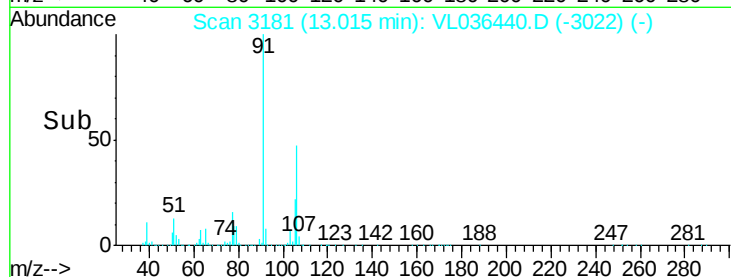
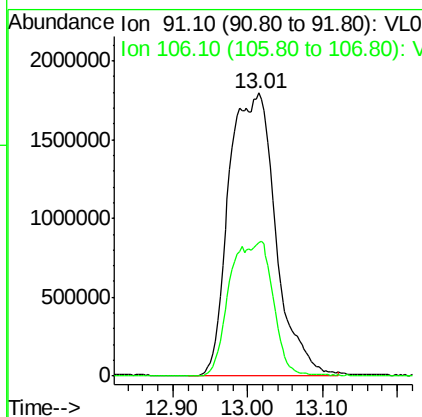
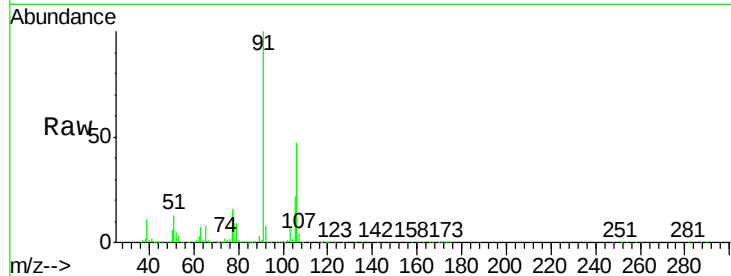


#59  
m/p-Xylene  
Concen: 18.974 ppbv m  
RT: 13.01 min  
Instrument: MSVOA\_1  
Delta R.T.: 0.01 min  
Lab File: ClientSampled :  
Acq: 3 Mar 2021 15:14

Tot Ion:  
Ion Ratio  
91 100  
106 44.

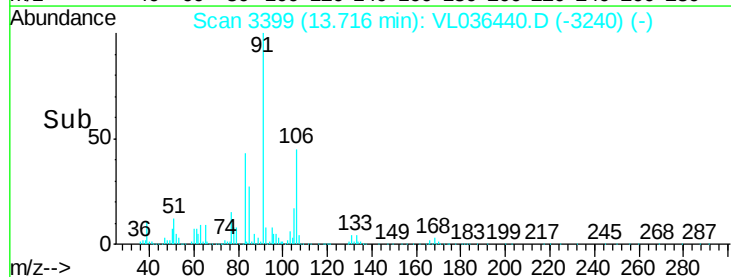
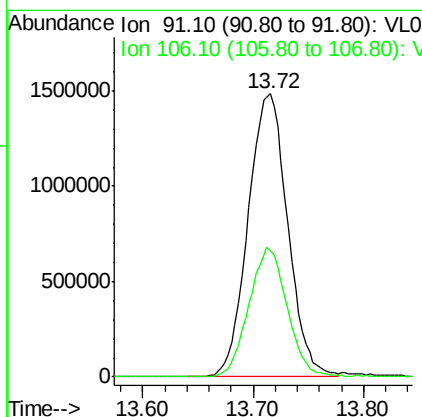
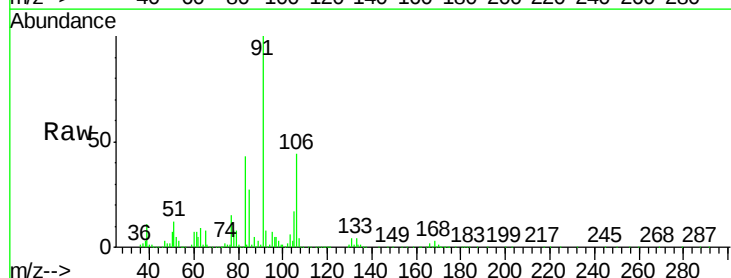
Manual Integrations  
APPROVED

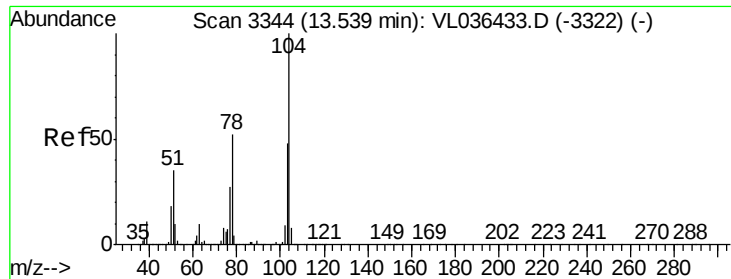
Reviewed By :Semsettin Yesilyurt 03/04/2021  
Supervised By :Mahesh Dadoda 03/04/2021



#60  
o-Xylene  
Concen: 9.312 ppbv  
RT: 13.72 min Scan# 3399  
Delta R.T.: 0.01 min  
Lab File: VL036440.D  
Acq: 3 Mar 2021 15:14

Tgt Ion: 91 Resp: 3688687  
Ion Ratio Lower Upper  
91 100  
106 44.8 21.9 65.8





#61

Stvrene

Concen: 11.028 ppbv

RT: 13.55

Delta R.T. MSVOA\_L

Lab File: ClientSampleId :

Acq: 3 Mar 2021 15:14

Tot Ion:1

Ion Rati

104 100

78 55.

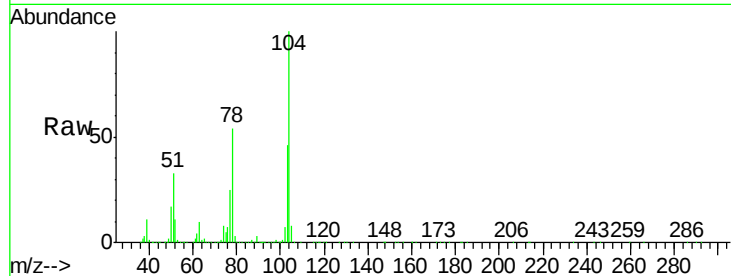
103 48.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/04/2021

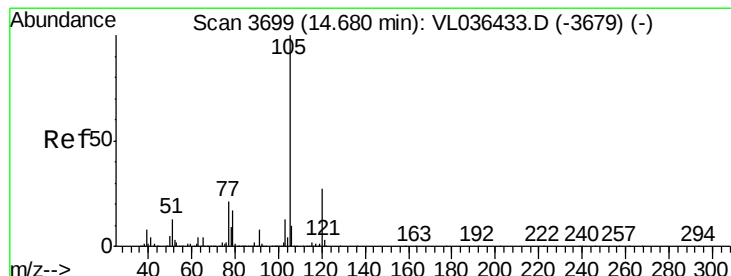
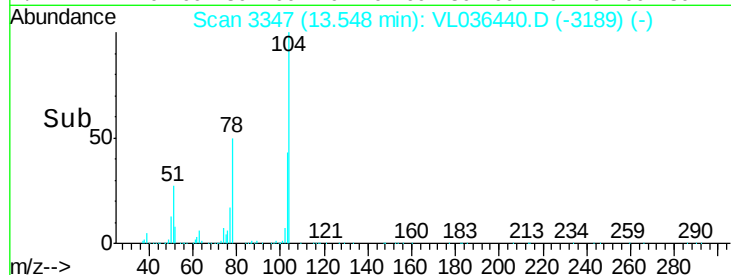
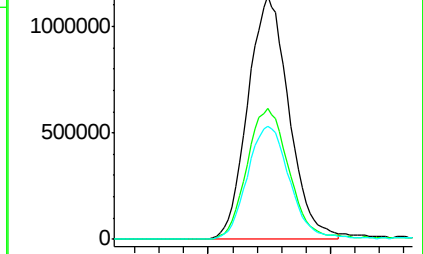
Supervised By :Mahesh Dadoda 03/04/2021



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: 9.336 ppbv

RT: 14.69 min Scan# 3702

Delta R.T. 0.01 min

Lab File: VL036440.D

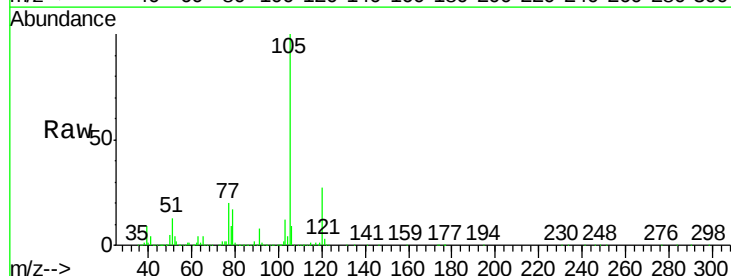
Acq: 3 Mar 2021 15:14

Tgt Ion:105 Resp: 5576553

Ion Ratio Lower Upper

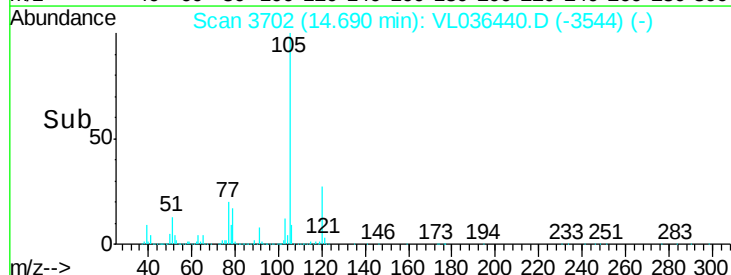
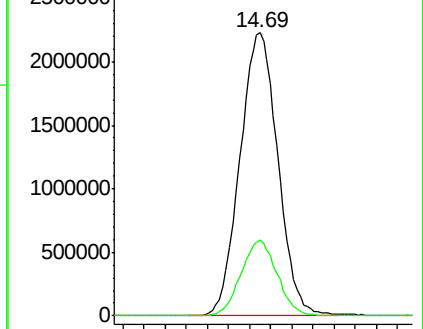
105 100

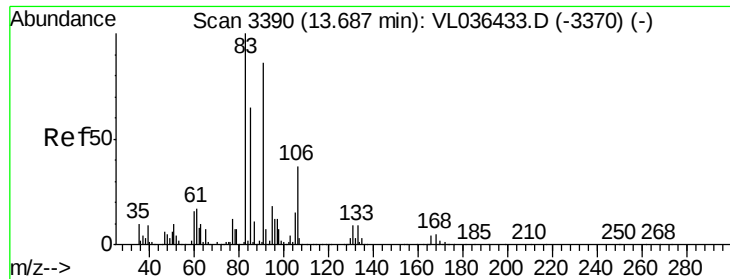
120 25.7 20.9 31.3



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: 8.380 ppbv

RT: 13.70

Delta R.T. MSVOA\_L

Lab File: ClientSampleId :

Acq: 3 Mar 2021 15:14

Tot Ion:

Ion Ratio

83 100

131 9.

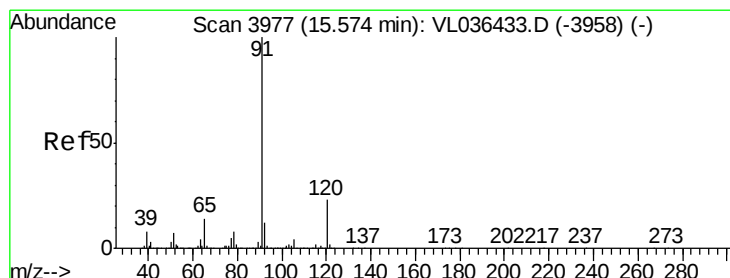
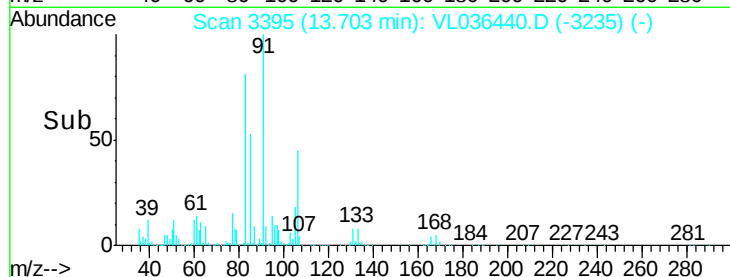
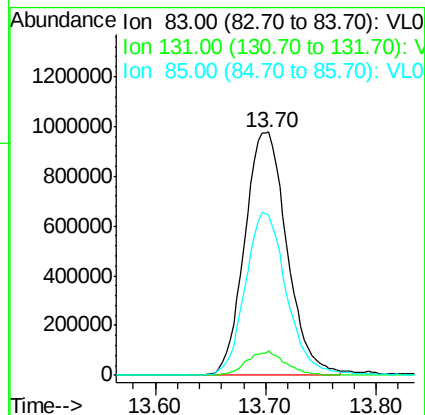
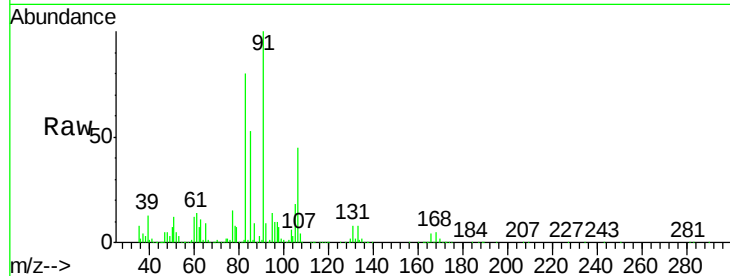
85 66.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#64

n-propylbenzene

Concen: 9.832 ppbv

RT: 15.58 min Scan# 3980

Delta R.T. 0.01 min

Lab File: VL036440.D

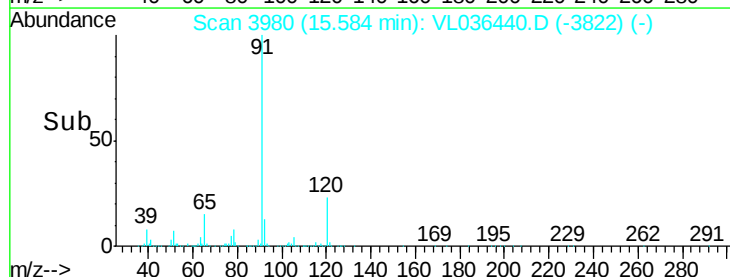
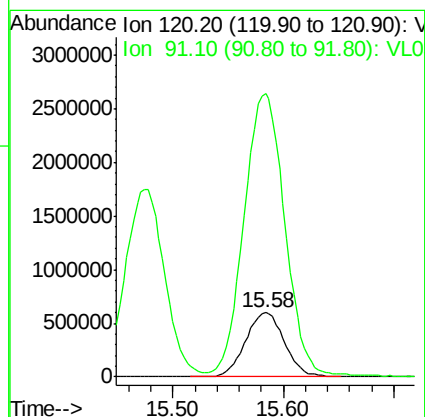
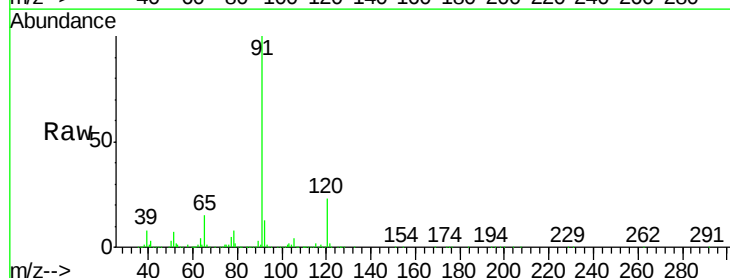
Acq: 3 Mar 2021 15:14

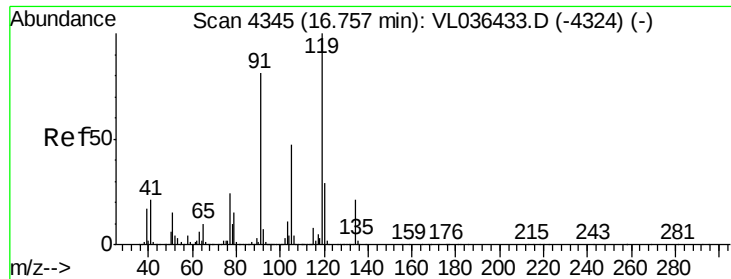
Tgt Ion:120 Resp: 1466907

Ion Ratio Lower Upper

120 100

91 464.0 378.6 567.8





#65

tert-Butylbenzene

Concen: 9.179 ppbv

RT: 16.77

Delta R.T. MSVOA\_L

Lab File: ClientSampleId :

Acq: 3 Mar 2021 15:14

Tot Ion:1

Ion Rati

119 100

91 84.

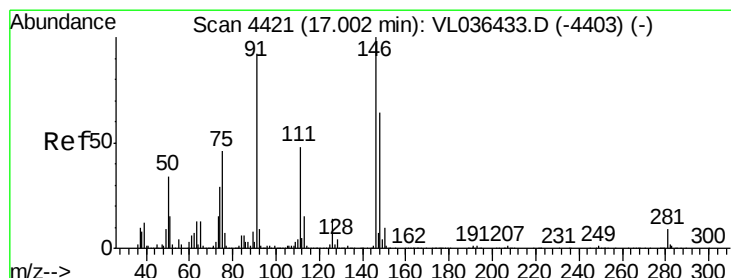
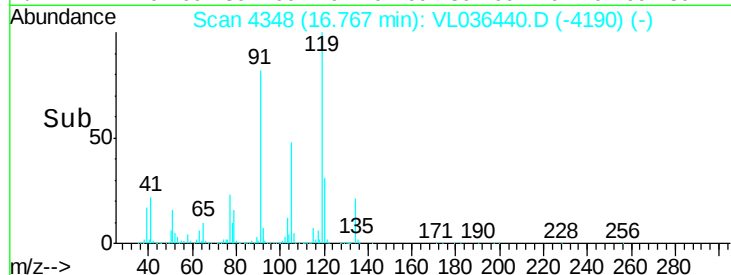
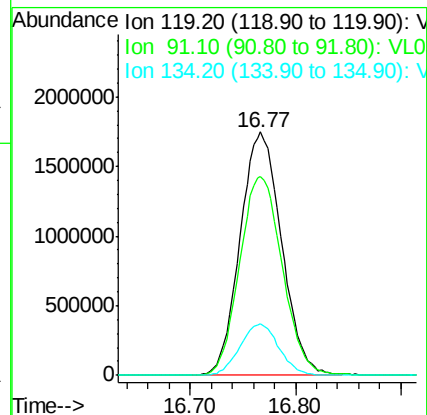
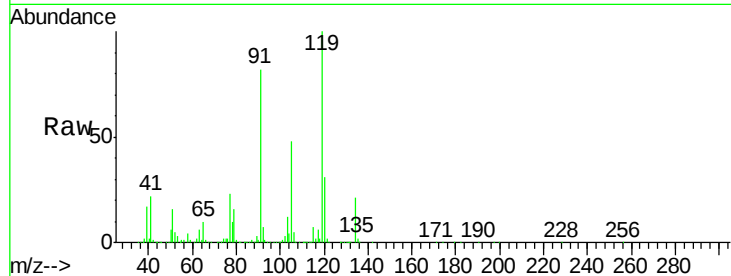
134 20.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#66

Benzyl Chloride

Concen: 12.019 ppbv

RT: 17.01 min Scan# 4423

Delta R.T. 0.01 min

Lab File: VL036440.D

Acq: 3 Mar 2021 15:14

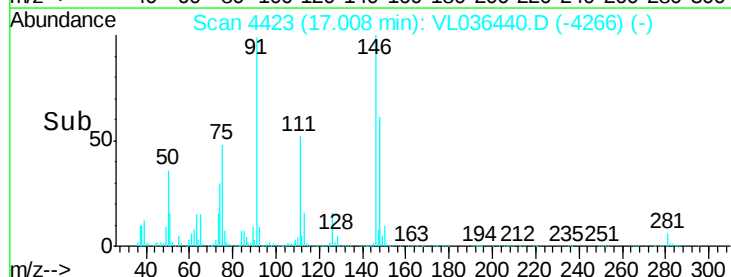
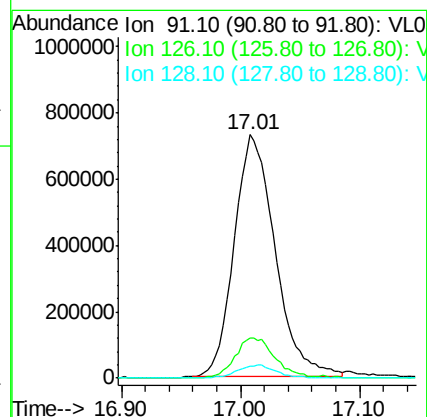
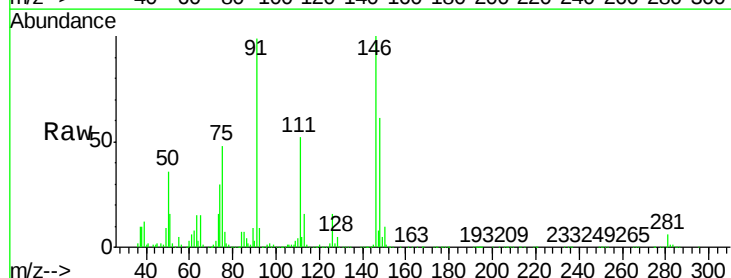
Tgt Ion: 91 Resp: 1743647

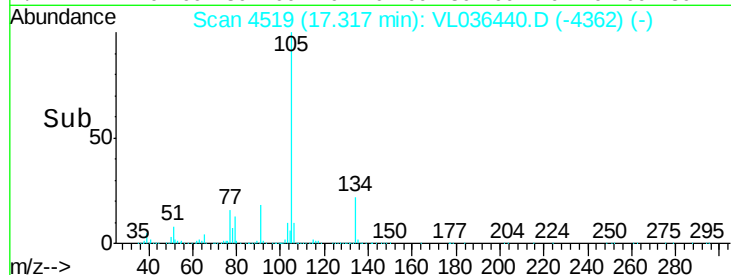
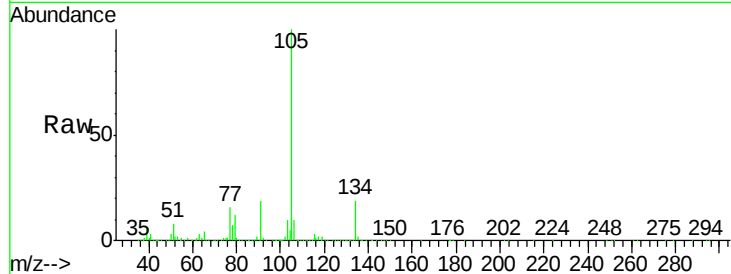
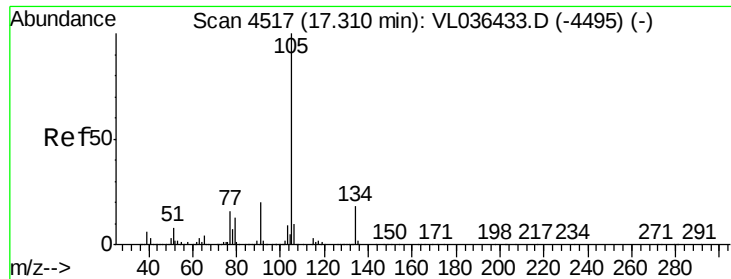
Ion Ratio Lower Upper

91 100

126 16.5 12.9 19.3

128 5.3 4.0 6.0



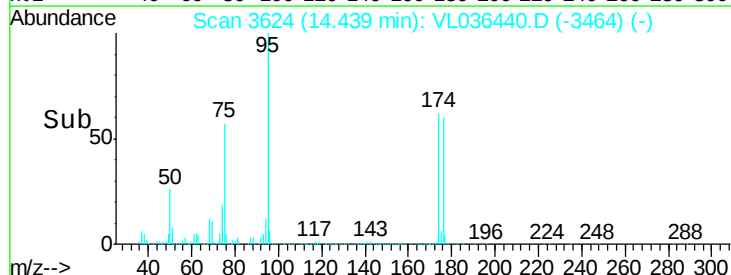
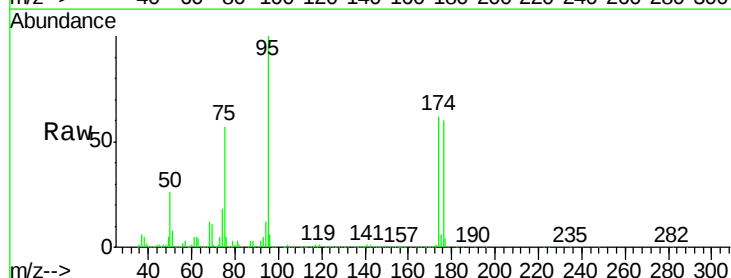
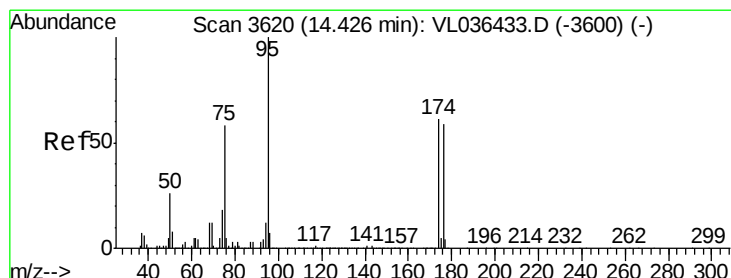
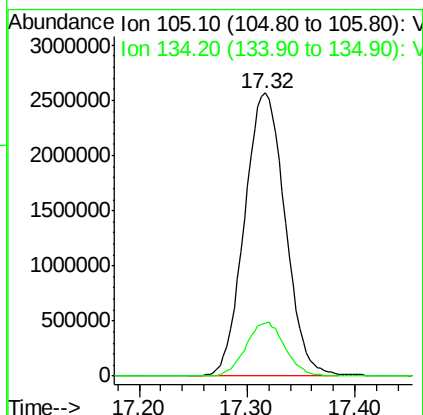


#67  
 sec-Butylbenzene  
 Concen: 9.245 ppbv  
 RT: 17.32  
 Delta R.T. MSVOA\_L  
 Lab File: ClientSampleId :  
 Acq: 3 Mar 2021 15:14

Tot Ion:1  
 Ion Rati  
 105 100  
 134 18.

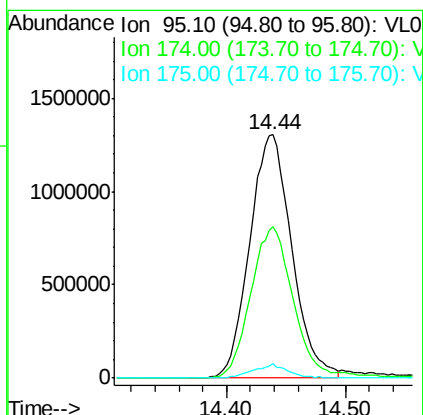
Manual Integrations  
 APPROVED

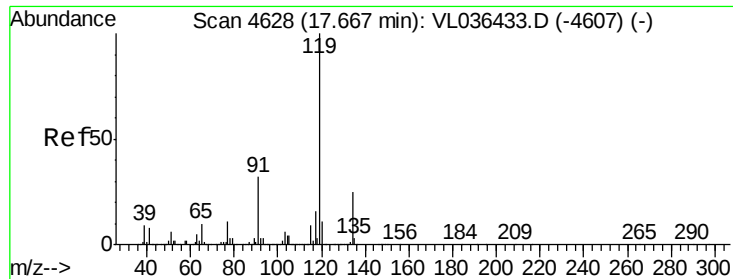
Reviewed By :Semsettin Yesilyurt 03/04/2021  
 Supervised By :Mahesh Dadoda 03/04/2021



#68  
 1-Bromo-4-Fluorobenzene  
 Concen: 10.362 ppbv  
 RT: 14.44 min Scan# 3624  
 Delta R.T. 0.01 min  
 Lab File: VL036440.D  
 Acq: 3 Mar 2021 15:14

Tgt Ion: 95 Resp: 3198611  
 Ion Ratio Lower Upper  
 95 100  
 174 64.2 51.0 76.4  
 175 5.0 3.8 5.6



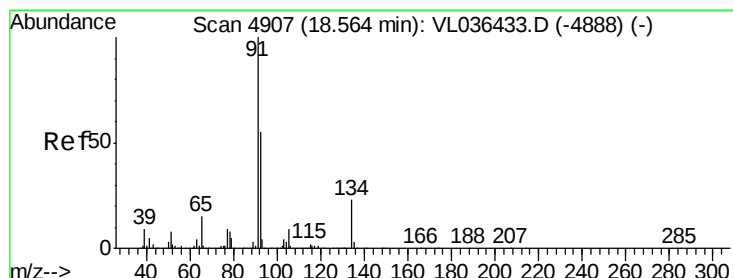
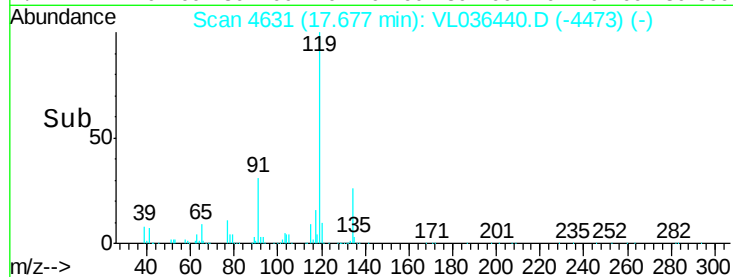
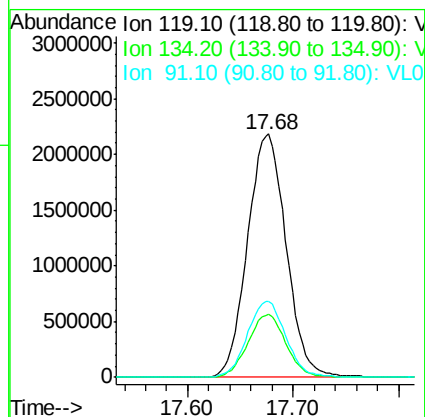
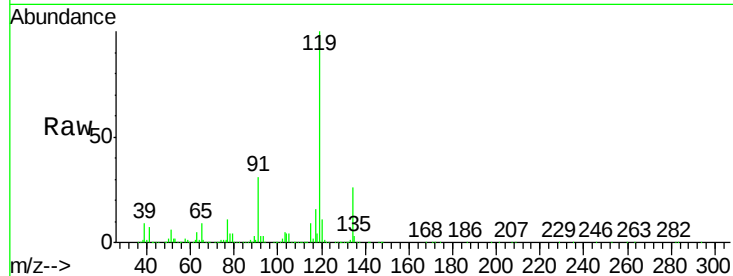


#69  
 p-Isopropyltoluene  
 Concen: 9.560 ppbv  
 RT: 17.68  
 Delta R.T. MSVOA\_L  
 Lab File: ClientSampleId :  
 Acq: 3 Mar 2021 15:14

Tot Ion:1  
 Ion Rati  
 119 100  
 134 25.  
 91 31.

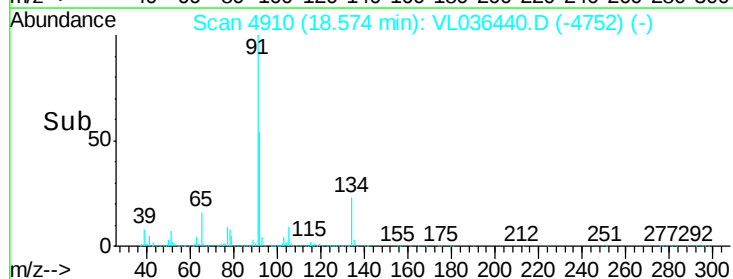
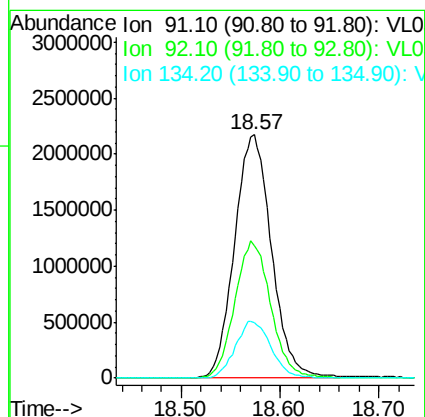
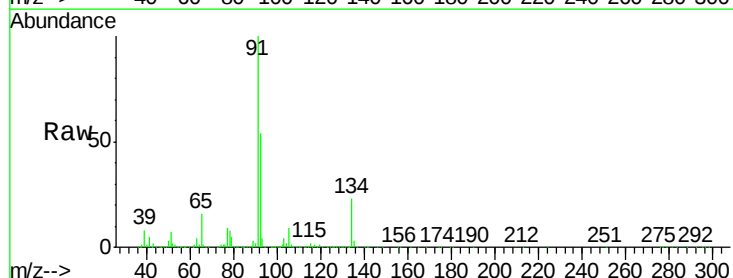
Manual Integrations  
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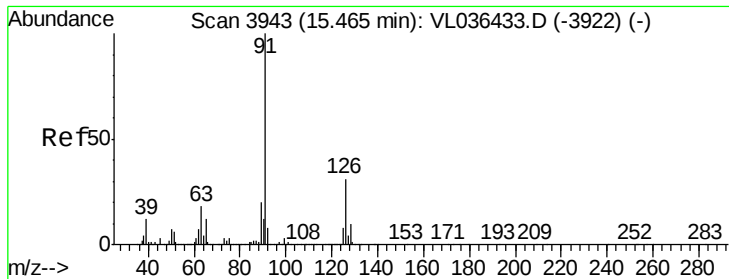
Reviewed By :Semsettin Yesilyurt 03/04/2021  
 Supervised By :Mahesh Dadoda 03/04/2021



#70  
 n-Butylbenzene  
 Concen: 9.430 ppbv  
 RT: 18.57 min Scan# 4910  
 Delta R.T. 0.01 min  
 Lab File: VL036440.D  
 Acq: 3 Mar 2021 15:14

Tgt Ion: 91 Resp: 5660225  
 Ion Ratio Lower Upper  
 91 100  
 92 54.7 44.1 66.1  
 134 22.7 17.9 26.9





#71

2-Chlorotoluene

Concen: 9.619 ppbv

RT: 15.48

Delta R.T. MSVOA\_L

Lab File: ClientSampled :

Acq: 3 Mar 2021 15:14

Tot Ion:

Ion Ratio

91 100

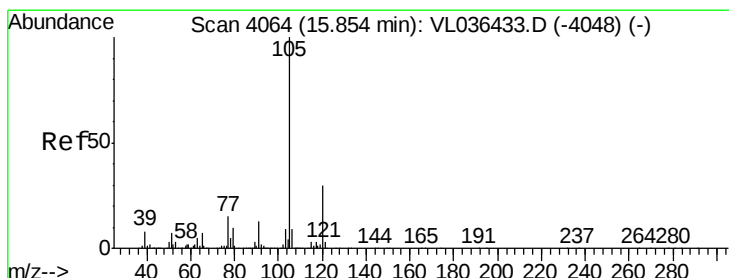
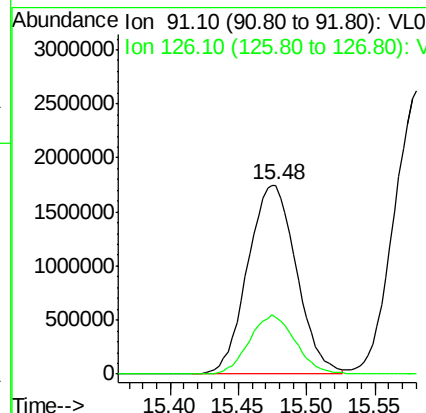
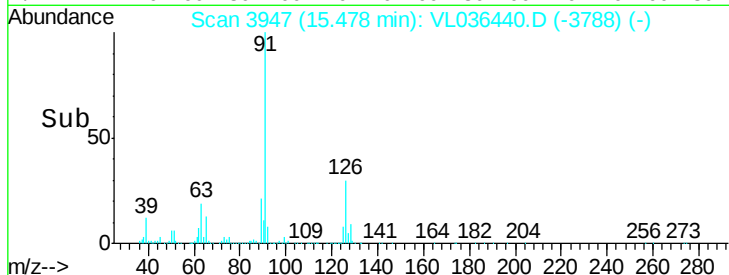
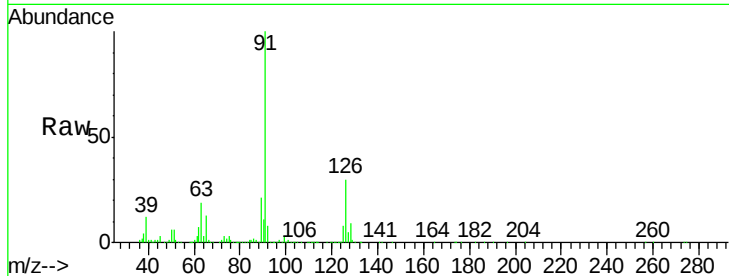
126 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#72

4-Ethyltoluene

Concen: 9.991 ppbv

RT: 15.86 min Scan# 4066

Delta R.T. 0.01 min

Lab File: VL036440.D

Acq: 3 Mar 2021 15:14

Tgt Ion:105 Resp: 4298525

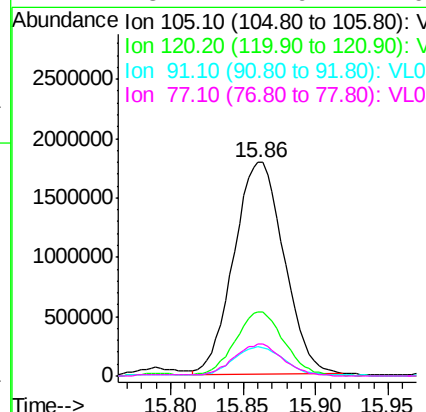
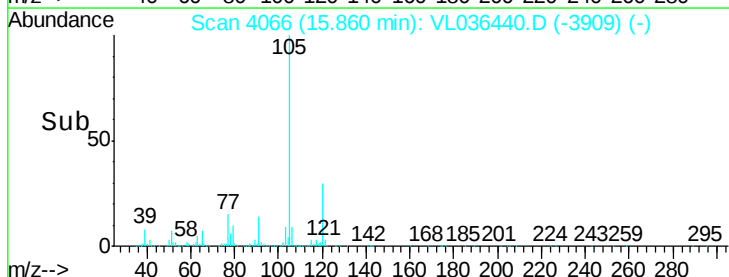
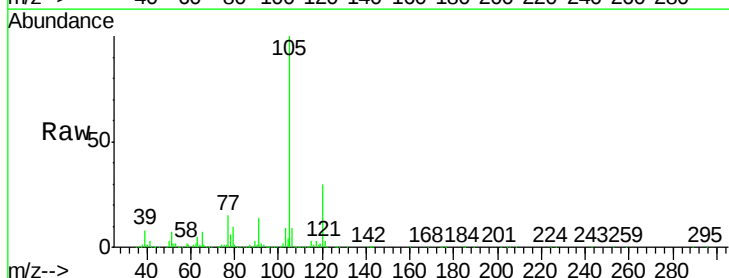
Ion Ratio Lower Upper

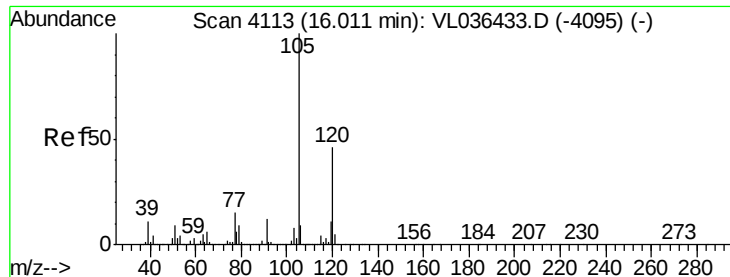
105 100

120 29.8 23.8 35.6

91 13.8 10.9 16.3

77 15.1 11.9 17.9





#73

1,3,5-Trimethylbenzene

Concen: 9.786 ppbv

RT: 16.02

Delta R.T. MSVOA\_L

Lab File: ClientSampleId :

Acq: 3 Mar 2021 15:14

Tot Ion:1

Ion Rati

105 100

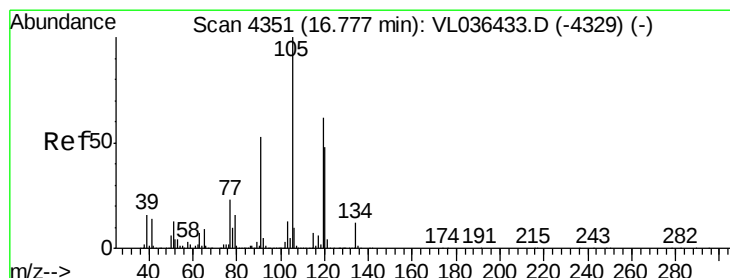
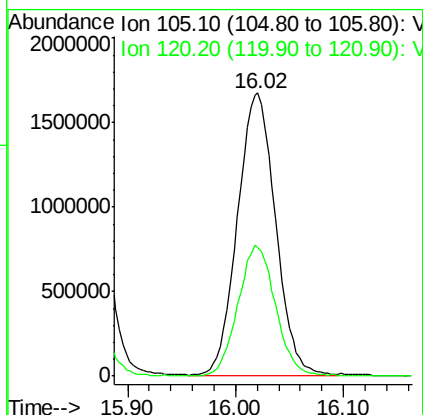
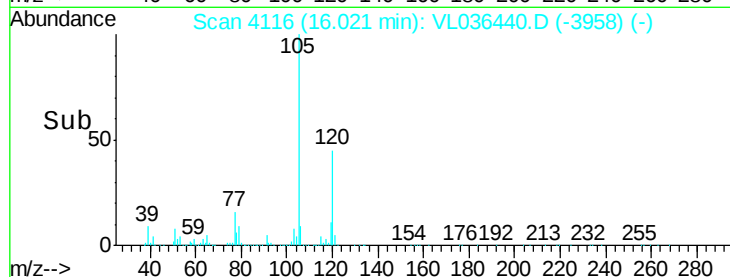
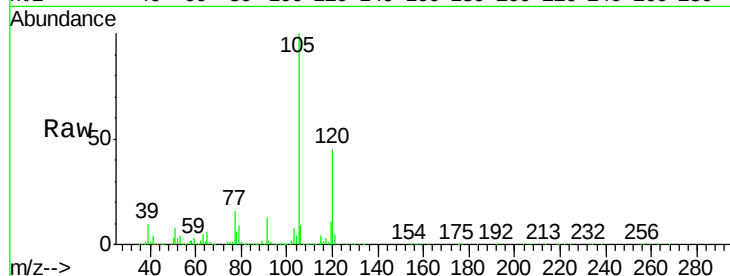
120 45.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#74

1,2,4-Trimethylbenzene

Concen: 9.217 ppbv

RT: 16.79 min Scan# 4354

Delta R.T. 0.01 min

Lab File: VL036440.D

Acq: 3 Mar 2021 15:14

Tgt Ion:105 Resp: 4085097

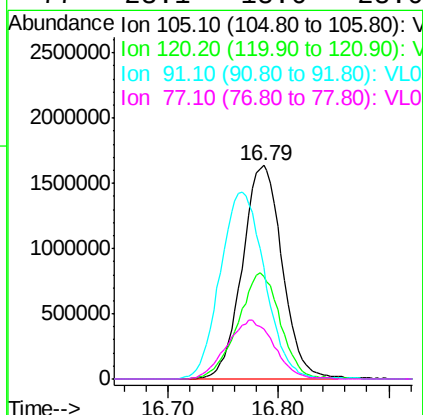
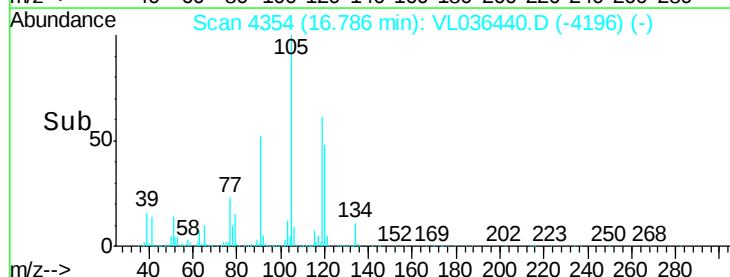
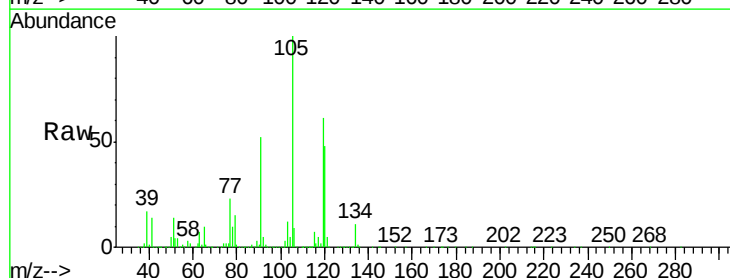
Ion Ratio Lower Upper

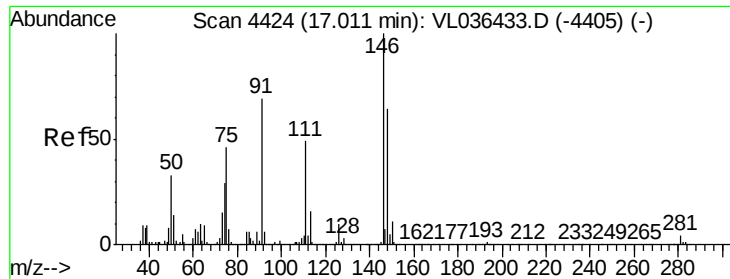
105 100

120 47.9 38.2 57.4

91 51.6 42.6 63.8

77 23.1 18.6 28.0



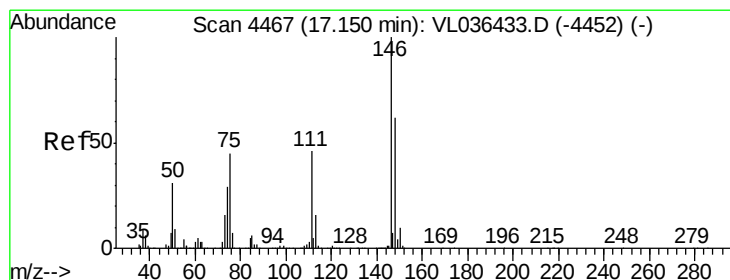
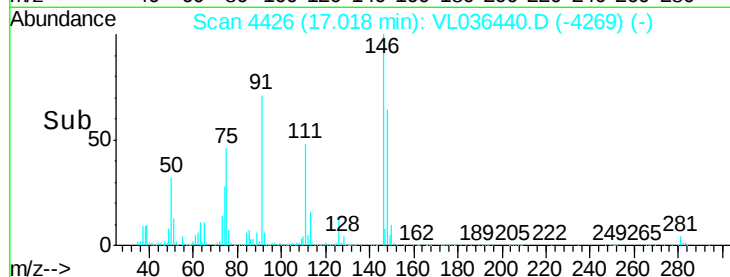
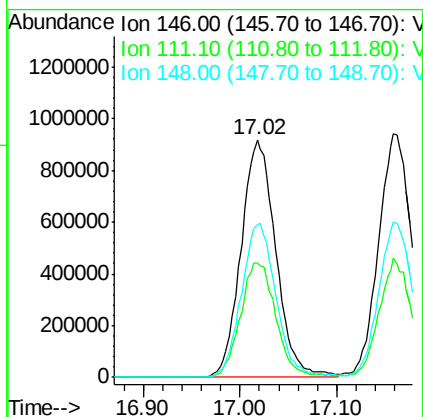
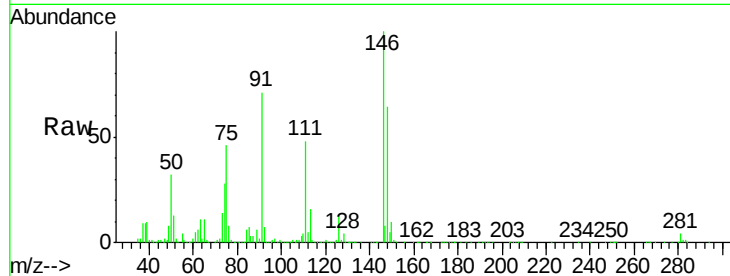


#75  
 1,3-Dichlorobenzene  
 Concen: 9.307 ppbv  
 RT: 17.02  
 Instrument: MSVOA\_1  
 Delta R.T.:  
 Lab File: ClientSampled :  
 Acq: 3 Mar 2021 15:14

Tot Ion:1  
 Ion Rati  
 146 100  
 111 49.  
 148 64.

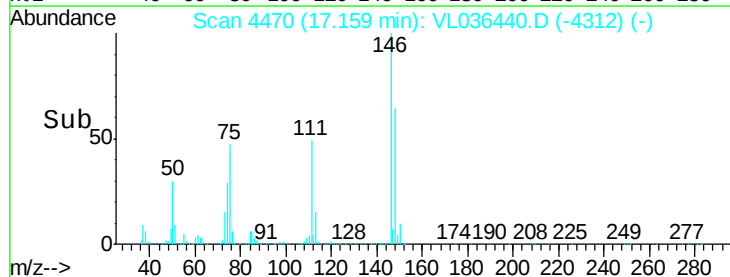
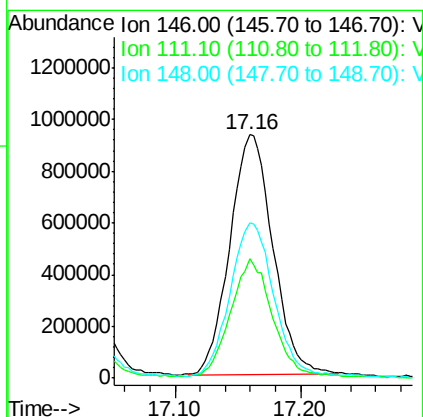
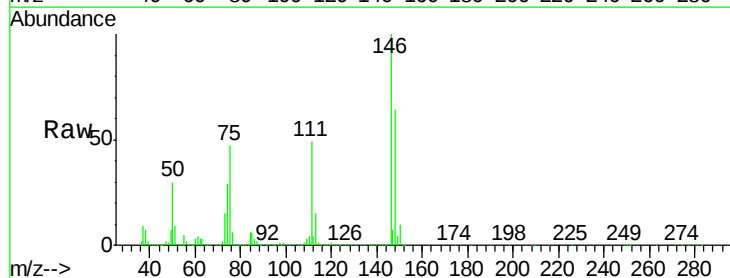
Manual Integrations  
 APPROVED

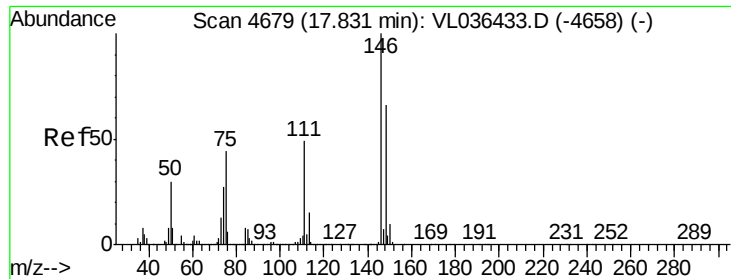
Reviewed By :Semsettin Yesilyurt 03/04/2021  
 Supervised By :Mahesh Dadoda 03/04/2021



#76  
 1,4-Dichlorobenzene  
 Concen: 9.007 ppbv  
 RT: 17.16 min Scan# 4470  
 Delta R.T. 0.01 min  
 Lab File: VL036440.D  
 Acq: 3 Mar 2021 15:14

Tgt Ion:146 Resp: 2215396  
 Ion Ratio Lower Upper  
 146 100  
 111 49.3 24.5 73.5  
 148 67.1 33.1 99.2





#77

1,2-Dichlorobenzene

Concen: 9.066 ppbv

RT: 17.84

Delta R.T. MSVOA\_L

Lab File: ClientSampleId :

Acq: 3 Mar 2021 15:14

Tot Ion:1

Ion Rati

146 100

111 51.

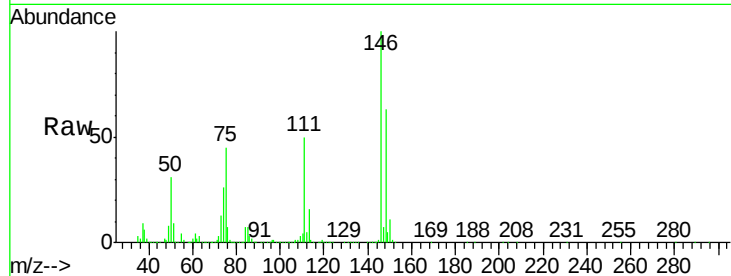
148 64.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

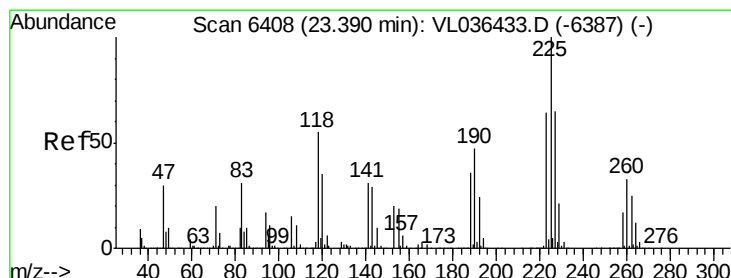
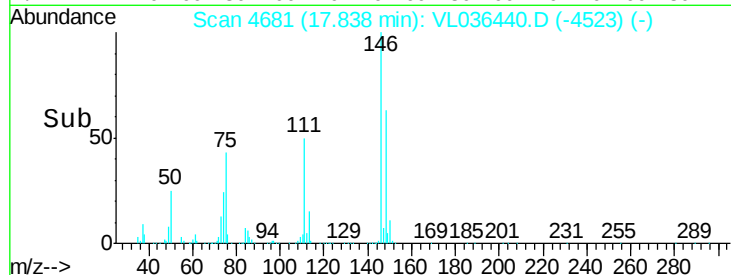
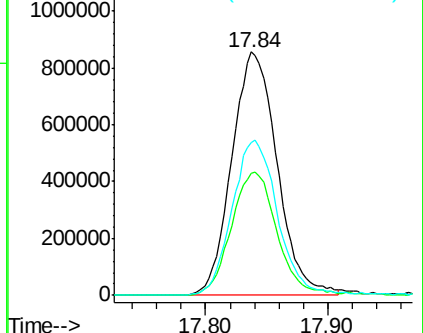
Supervised By :Mahesh Dadoda 03/04/2021



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#78

Hexachloro-1,3-Butadiene

Concen: 8.277 ppbv

RT: 23.40 min Scan# 6410

Delta R.T. 0.01 min

Lab File: VL036440.D

Acq: 3 Mar 2021 15:14

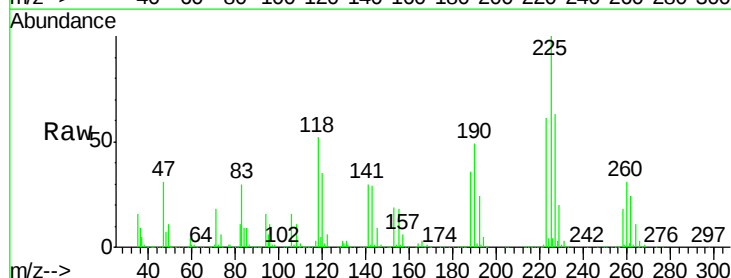
Tgt Ion:225 Resp: 1587241

Ion Ratio Lower Upper

225 100

223 64.1 51.8 77.8

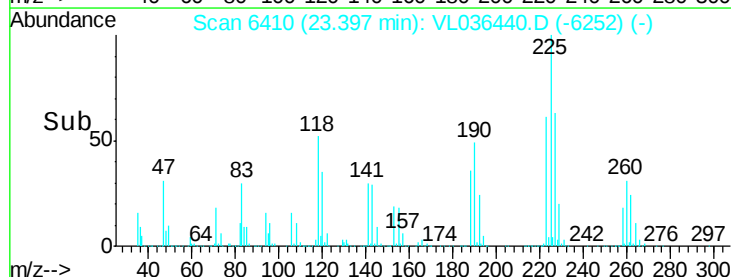
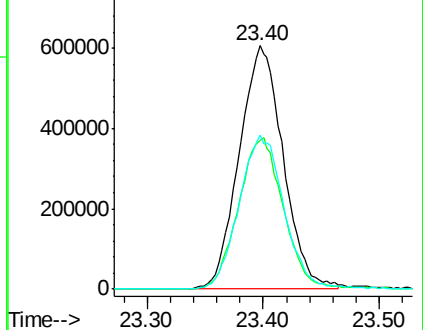
227 65.2 53.0 79.6

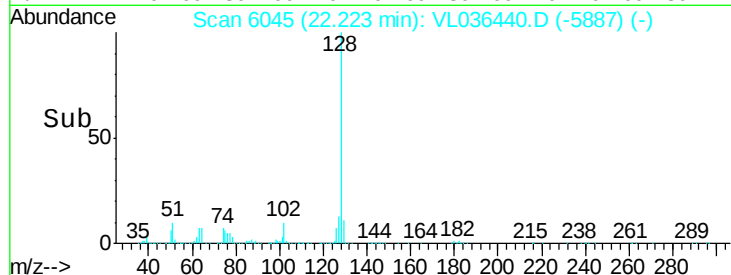
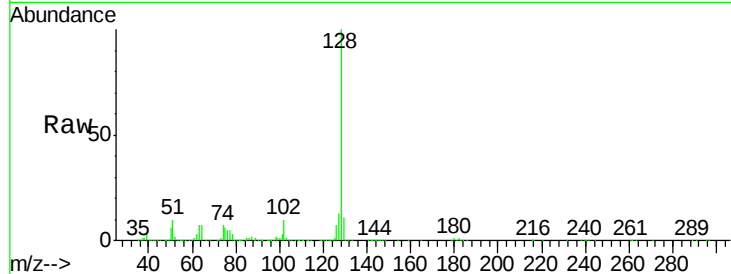
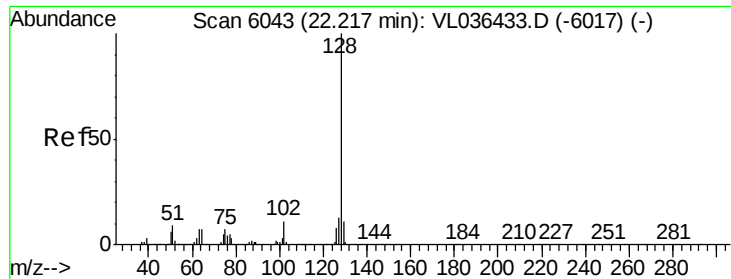


Abundance Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V



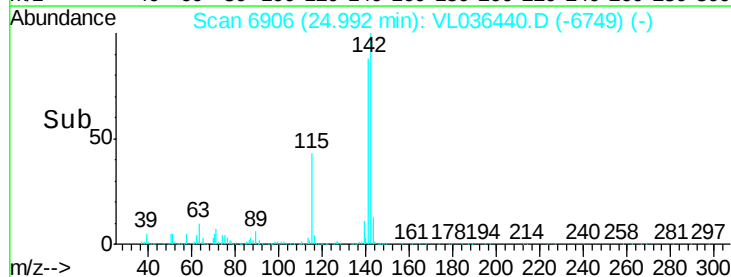
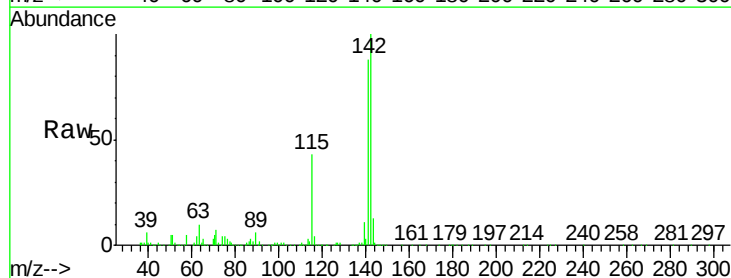
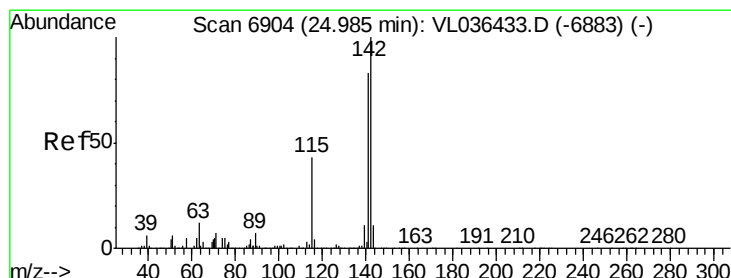
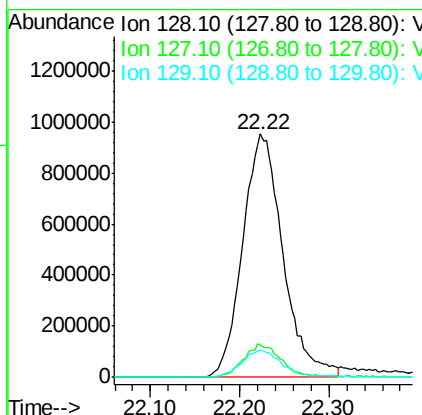


#79  
Naphthalene  
Concen: 11.568 ppbv  
RT: 22.22 min  
Instrument: MSVOA\_1  
Delta R.T.: 0.01 min  
Lab File: ClientSampleId :  
Acq: 3 Mar 2021 15:14

Tot Ion:1  
Ion Rati  
128 100  
127 13.  
129 11.

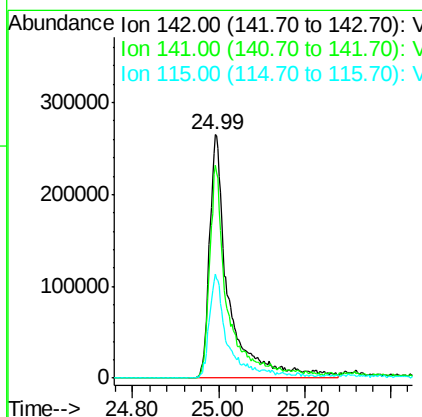
Manual Integrations  
APPROVED

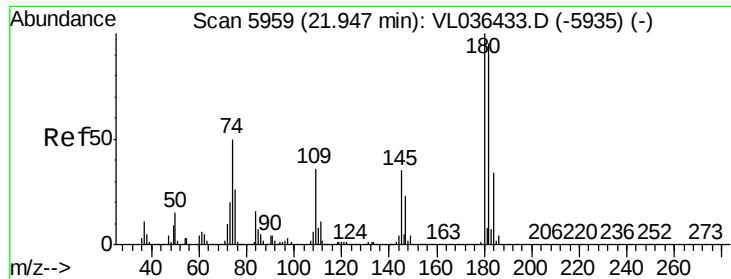
Reviewed By :Semsettin Yesilyurt 03/04/2021  
Supervised By :Mahesh Dadoda 03/04/2021



#80  
Naphthalene, 2-methyl-  
Concen: 14.811 ppbv  
RT: 24.99 min Scan# 6906  
Delta R.T.: 0.01 min  
Lab File: VL036440.D  
Acq: 3 Mar 2021 15:14

Tgt Ion:142 Resp: 831413  
Ion Ratio Lower Upper  
142 100  
141 82.7 69.0 103.6  
115 41.9 32.4 48.6





#81  
 1,2,4-Trichlorobenzene  
 Concen: 10.471 ppbv  
 RT: 21.95  
 Instrument : MSVOA\_L  
 Delta R.T :  
 Lab File: ClientSampleId :  
 ICVVL030321  
 Acq: 3 Mar 2021 13:14

Tot Ion:1  
 Ion Rati  
 180 100  
 182 101.  
 184 33.

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021  
 Supervised By :Mahesh Dadoda 03/04/2021

