

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050922\  
 Data File : VL039005.D  
 Acq On : 10 May 2022 3:01  
 Operator : SY/AP  
 Sample : N2696-03  
 Misc : 400mL/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA L  
 ClientSampleId :  
 SV3

Manual Integrations  
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/10/2022  
 Supervised By : Mahesh Dadoda 05/11/2022

Quant Time: May 11 11:19:09 2022  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050522A  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:  
 QLast Update : Thu May 05 10:12:15 2022  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.65  | 49   | 1097045  | 10.00 | ppbv  | -0.02    |
| 33) 1,4-Difluorobenzene | 7.15  | 114  | 3115303  | 10.00 | ppbv  | -0.02    |
| 55) Chlorobenzene-d5    | 12.05 | 117  | 2794699  | 10.00 | ppbv  | -0.02    |

## System Monitoring Compounds

|                             |        |       |          |          |      |        |
|-----------------------------|--------|-------|----------|----------|------|--------|
| 68) 1-Bromo-4-Fluorobenzene | 14.38  | 95    | 2138146  | 9.66     | ppbv | -0.02  |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 96.60% |

## Target Compounds

|                             |       |     |         |         |        | Ovalue |
|-----------------------------|-------|-----|---------|---------|--------|--------|
| 2) Dichlorodifluoromethane  | 3.04  | 85  | 92031   | 0.535   | ppbv   | 100    |
| 4) Chloromethane            | 3.13  | 50  | 60384m  | 0.886   | ppbv   |        |
| 9) Propene                  | 3.00  | 41  | 4039108 | 67.943  | ppbv   | 87     |
| 10) Heptane                 | 8.10  | 43  | 990904  | 6.794   | ppbv   | 100    |
| 11) Trichlorofluoromethane  | 3.94  | 101 | 23613m  | 0.160   | ppbv   |        |
| 13) Ethanol                 | 3.59  | 45  | 2931552 | 696.820 | ppbv   | 86     |
| 15) Acetone                 | 3.83  | 43  | 4052080 | 39.157  | ppbv # | 78     |
| 17) tert-Butyl alcohol      | 4.28  | 59  | 3296693 | 41.449  | ppbv   | 98     |
| 19) Isopropyl Alcohol       | 3.95  | 45  | 740412  | 15.048  | ppbv # | 1      |
| 20) Methylene Chloride      | 4.33  | 84  | 88805   | 2.277   | ppbv # | 92     |
| 26) Hexane                  | 5.67  | 57  | 1220728 | 11.092  | ppbv # | 56     |
| 27) Carbon Disulfide        | 4.54  | 76  | 520106  | 4.975   | ppbv   | 99     |
| 28) Methyl tert-Butyl Ether | 5.02  | 73  | 54574   | 0.652   | ppbv # | 52     |
| 29) Chloroform              | 5.74  | 83  | 264989  | 1.488   | ppbv   | 95     |
| 30) Cyclohexane             | 7.11  | 84  | 361857  | 3.927   | ppbv   | 96     |
| 32) 1,1,1-Trichloroethane   | 6.50  | 97  | 8113m   | 0.046   | ppbv   |        |
| 34) 2-Butanone              | 5.22  | 43  | 2471354 | 15.550  | ppbv   | 97     |
| 35) Carbon Tetrachloride    | 7.00  | 117 | 7254m   | 0.035   | ppbv   |        |
| 36) Benzene                 | 6.87  | 78  | 762503  | 2.860   | ppbv   | 94     |
| 41) Tetrahydrofuran         | 6.02  | 42  | 1501389 | 14.055  | ppbv   | 99     |
| 44) 2,2,4-Trimethylpentane  | 7.84  | 57  | 4570676 | 9.770   | ppbv # | 90     |
| 50) 4-Methyl-2-Pentanone    | 8.71  | 43  | 1038300 | 3.726   | ppbv   | 96     |
| 52) Tetrachloroethene       | 11.20 | 164 | 6478139 | 67.997  | ppbv   | 93     |
| 53) Toluene                 | 9.78  | 91  | 3788597 | 12.679  | ppbv   | 99     |
| 58) Ethyl Benzene           | 12.68 | 91  | 2810559 | 6.988   | ppbv   | 99     |
| 59) m/p-Xylene              | 12.94 | 91  | 7860825 | 22.895  | ppbv   | 90     |
| 60) o-Xylene                | 13.66 | 91  | 4024211 | 12.453  | ppbv   | 96     |
| 61) Styrene                 | 13.50 | 104 | 35659   | 0.207   | ppbv   | 94     |
| 62) Isopropylbenzene        | 14.63 | 105 | 427831  | 0.905   | ppbv   | 99     |
| 64) n-propylbenzene         | 15.53 | 120 | 191014  | 1.672   | ppbv   | 93     |
| 67) sec-Butylbenzene        | 17.26 | 105 | 172011  | 0.291   | ppbv   | 98     |
| 69) p-Isopropyltoluene      | 17.62 | 119 | 103050m | 0.216   | ppbv   |        |
| 70) n-Butylbenzene          | 18.52 | 91  | 71477m  | 0.141   | ppbv   |        |
| 72) 4-Ethyltoluene          | 15.81 | 105 | 675037  | 1.833   | ppbv # | 95     |
| 73) 1,3,5-Trimethylbenzene  | 15.96 | 105 | 596015  | 1.798   | ppbv   | 97     |
| 74) 1,2,4-Trimethylbenzene  | 16.73 | 105 | 1085399 | 2.990   | ppbv # | 67     |

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

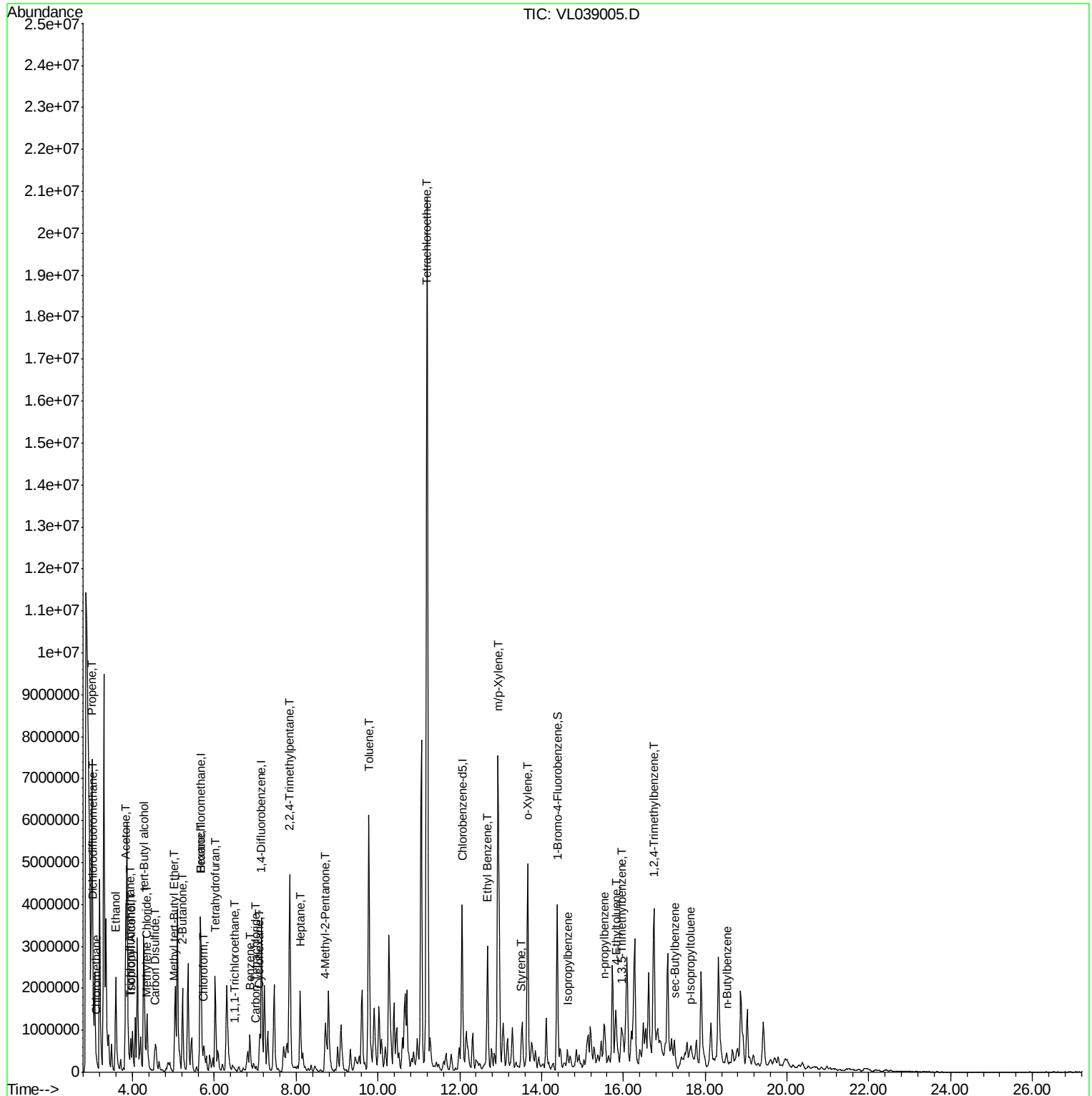
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL050922\  
Data File : VL039005.D  
Acq On : 10 May 2022 3:01  
Operator : SY/AP  
Sample : N2696-03  
Misc : 400mL/MSVOA L  
ALS Vial : 1 Sample Multiplier: 1

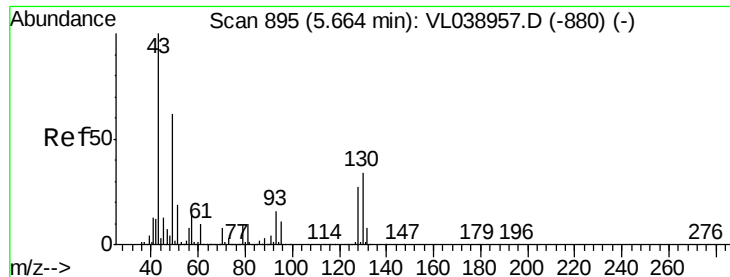
Instrument :  
MSVOA\_L  
ClientSampleId :  
SV3

Quant Time: May 11 11:19:09 2022  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL050522  
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:  
QLast Update : Thu May 05 10:12:15 2022  
Response via : Initial Calibration

Manual Integrations  
APPROVED

Reviewed By :Semsettin Yesilyurt 05/10/2022  
Supervised By :Mahesh Dadoda 05/11/2022





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 Instrument:

Delta R.T. MSVOA\_L

Lab File: ClientSampleId:

Acq: 10 May 2022 3:01

Tot Ion:

Ion Ratio

49 100

128 51.

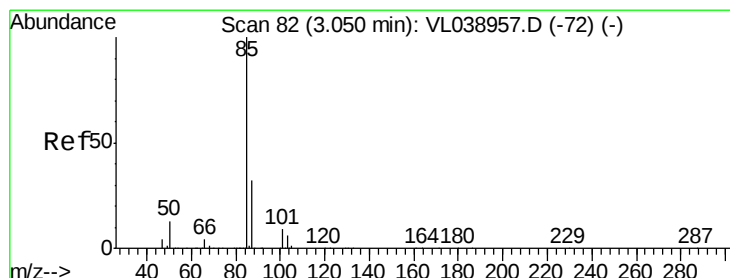
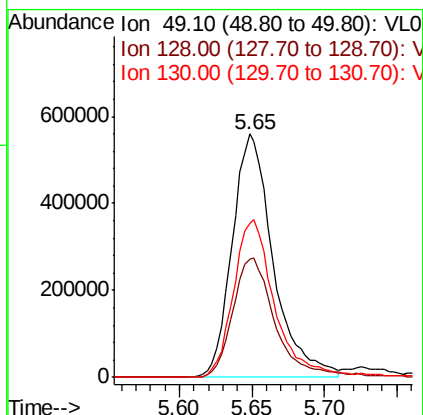
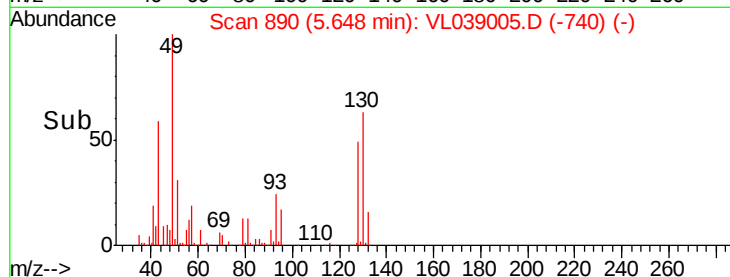
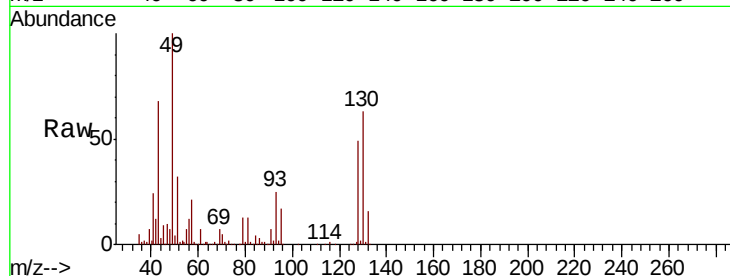
130 66.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/10/2022

Supervised By :Mahesh Dadoda 05/11/2022



#2

Dichlorodifluoromethane

Concen: 0.535 ppbv

RT: 3.04 min Scan# 78

Delta R.T. -0.01 min

Lab File: VL039005.D

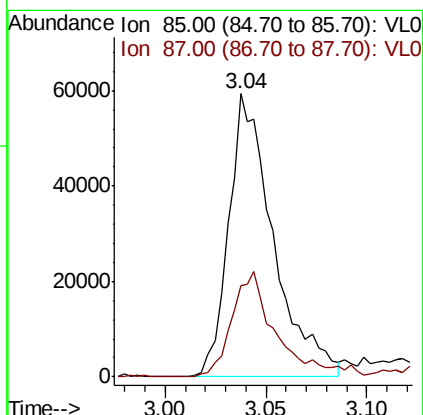
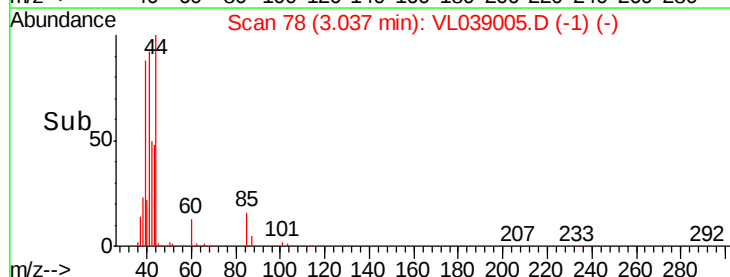
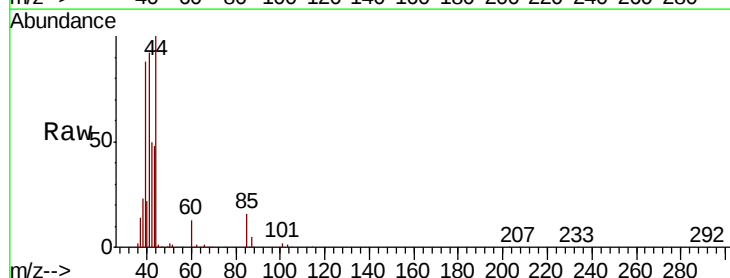
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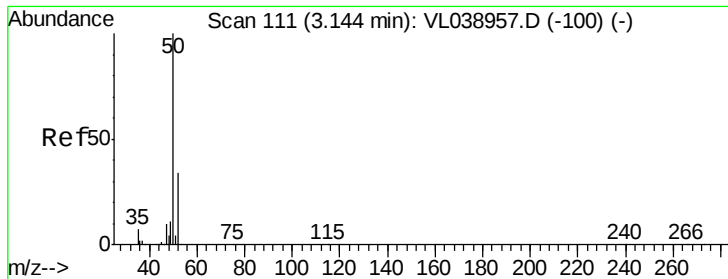
Tgt Ion: 85 Resp: 92031

Ion Ratio Lower Upper

85 100

87 31.9 25.7 38.5





#4

Chloromethane

Concen: 0.886 ppbv m

RT: 3.13 Instrument:

Delta R.T. MSVOA\_L

Lab File: ClientSampleId:

Acq: 10 May 2022 3:01

Tot Ion:

Ion Ratio

50 100

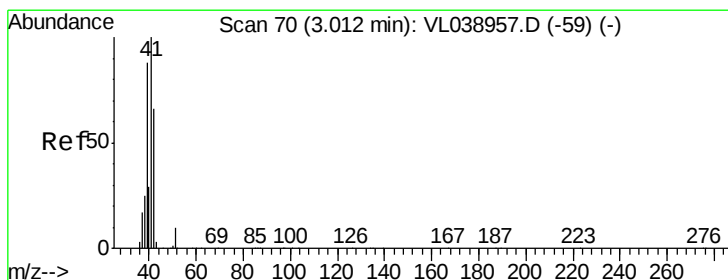
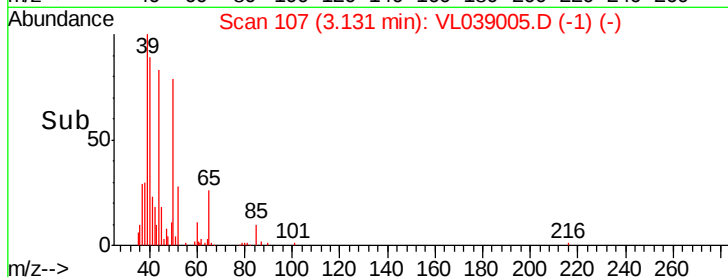
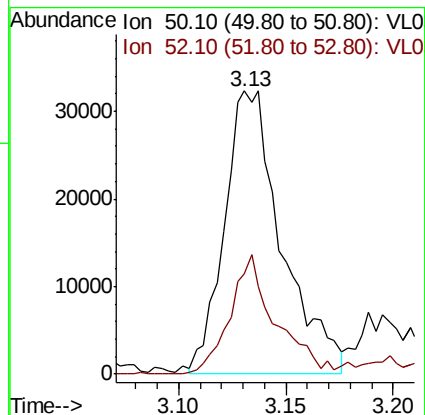
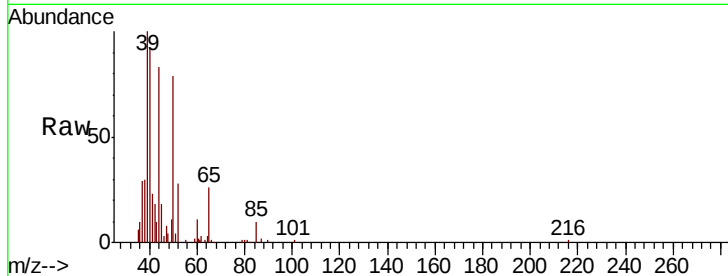
52 35.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/10/2022

Supervised By :Mahesh Dadoda 05/11/2022



#9

Propene

Concen: 67.943 ppbv

RT: 3.00 min Scan# 67

Delta R.T. -0.01 min

Lab File: VL039005.D

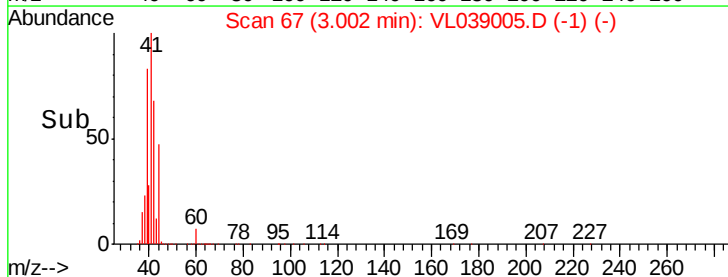
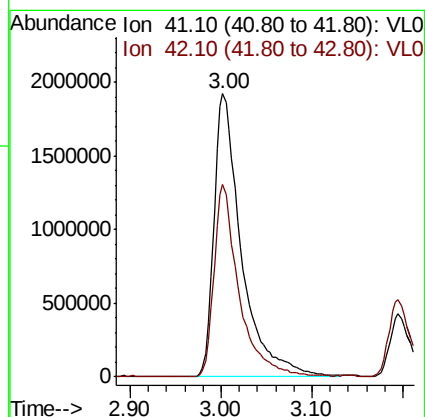
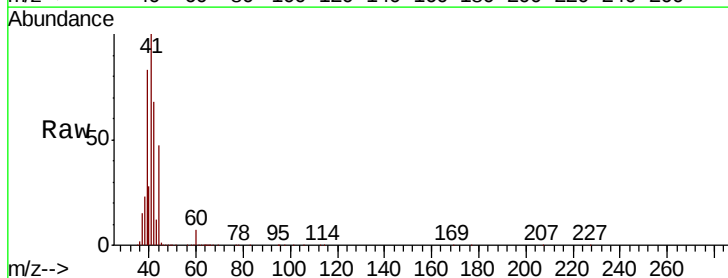
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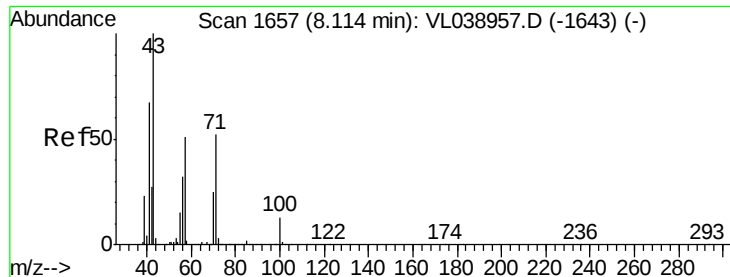
Tgt Ion: 41 Resp: 4039108

Ion Ratio Lower Upper

41 100

42 62.2 58.3 87.5



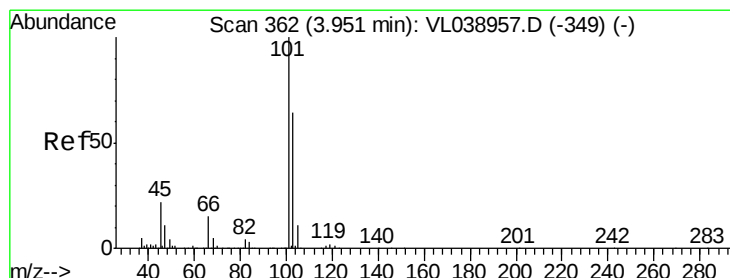
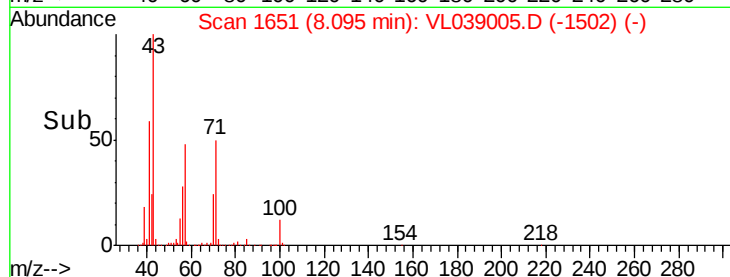
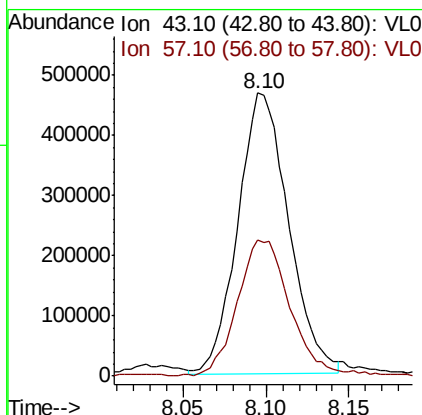
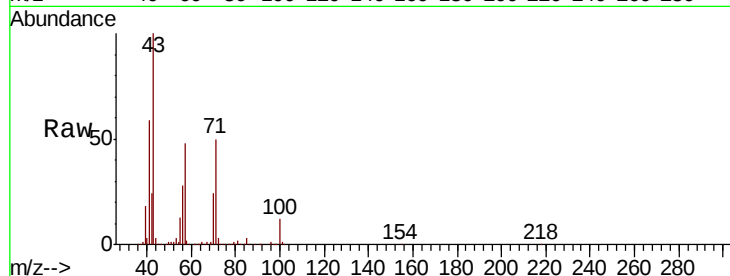


#10  
 Heptane  
 Concen: 6.794 ppbv  
 RT: 8.10  
 Delta R.T. MSVOA\_L  
 Lab File: ClientSampleId :  
 SV3  
 Acq: 10 May 2022 3:01

Tot Ion:  
 Ion Ratio  
 43 100  
 57 50.

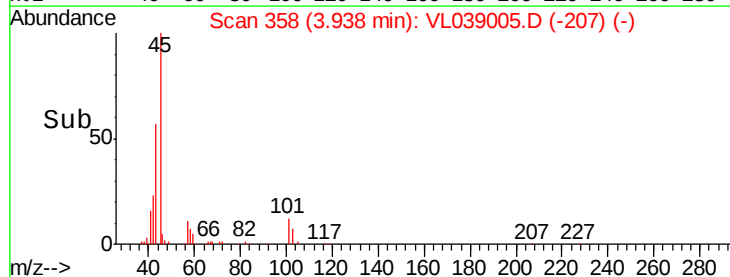
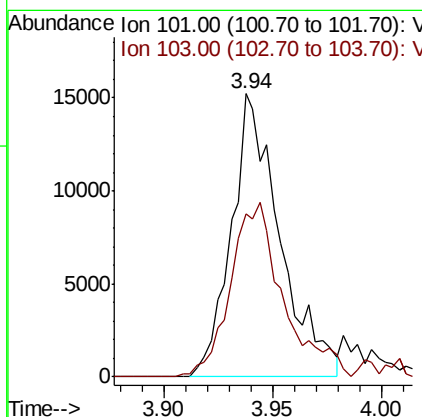
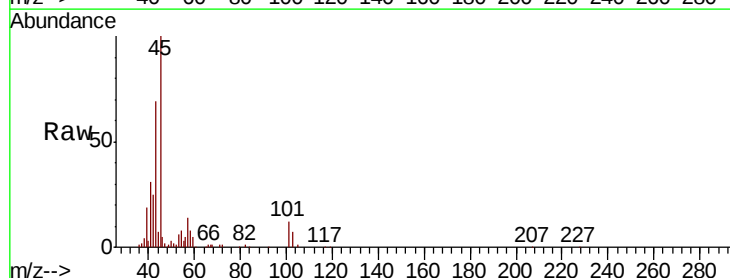
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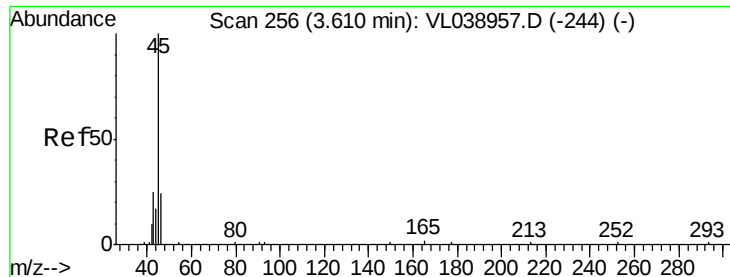
Reviewed By :Semsettin Yesilyurt 05/10/2022  
 Supervised By :Mahesh Dadoda 05/11/2022



#11  
 Trichlorofluoromethane  
 Concen: 0.160 ppbv m  
 RT: 3.94 min Scan# 358  
 Delta R.T. -0.01 min  
 Lab File: VL039005.D  
 Acq: 10 May 2022 3:01

Tgt Ion:101 Resp: 23613  
 Ion Ratio Lower Upper  
 101 100  
 103 57.7 51.5 77.3



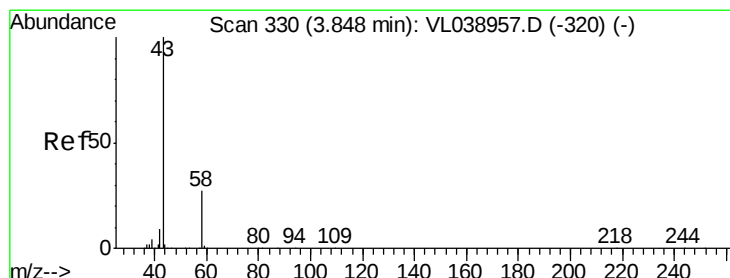
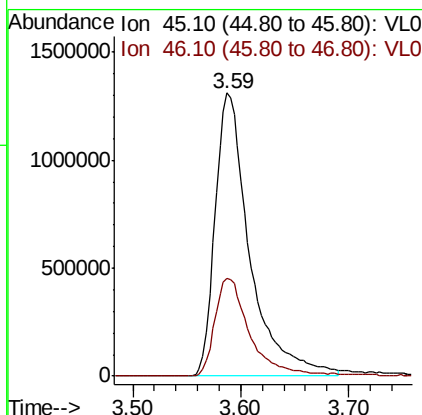
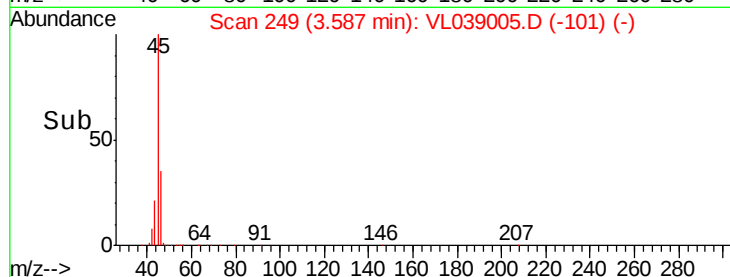
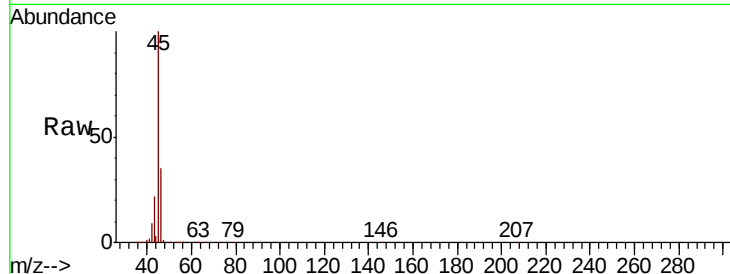


#13  
Ethanol  
Concen: 696.820 ppbv  
RT: 3.59  
Instrument : MSVOA\_L  
Delta R.T. :  
Lab File: ClientSampleId :  
SV3  
Acq: 10 May 2022 3:01

Tot Ion:  
Ion Ratio  
45 100  
46 35.

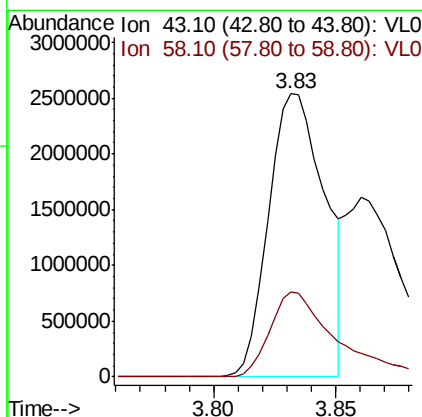
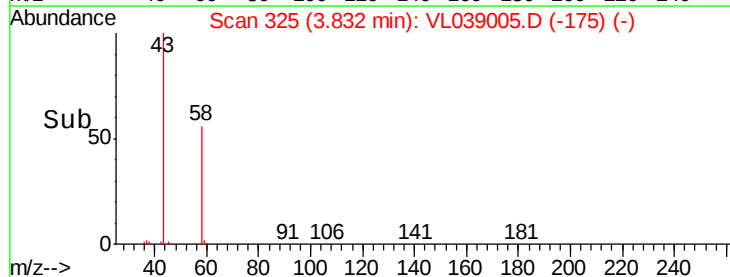
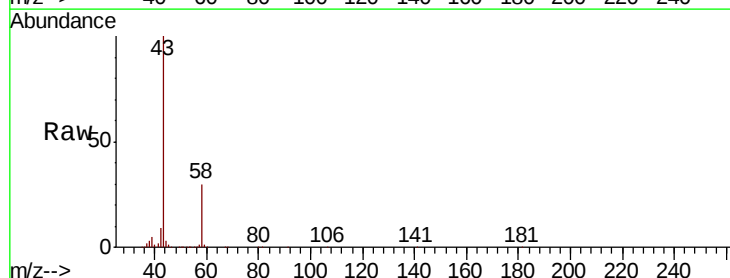
Manual Integrations  
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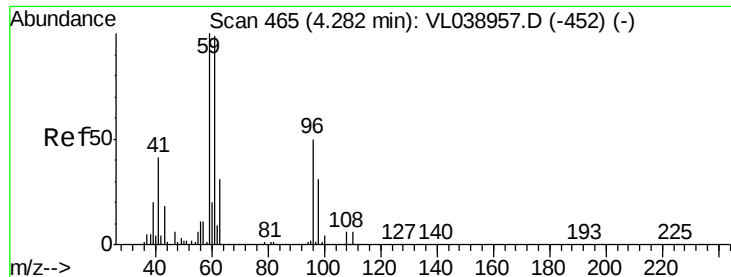
Reviewed By :Semsettin Yesilyurt 05/10/2022  
Supervised By :Mahesh Dadoda 05/11/2022



#15  
Acetone  
Concen: 39.157 ppbv  
RT: 3.83 min Scan# 325  
Delta R.T. -0.02 min  
Lab File: VL039005.D  
Acq: 10 May 2022 3:01

Tgt Ion: 43 Resp: 4052080  
Ion Ratio Lower Upper  
43 100  
58 37.9 21.3 31.9#



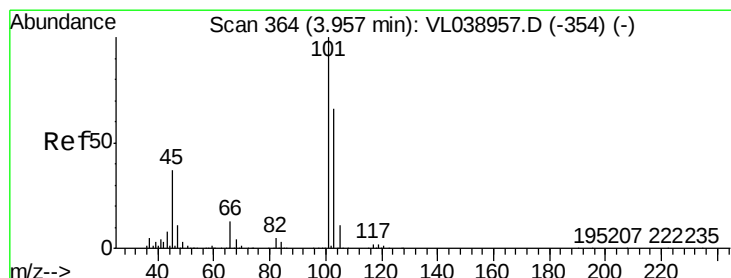
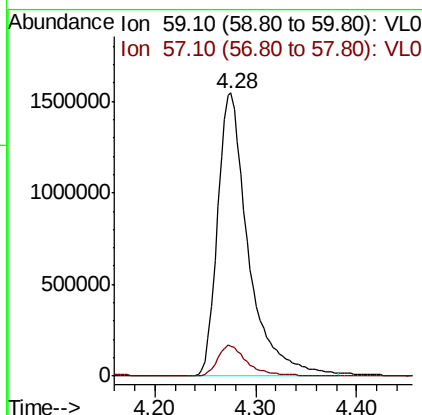
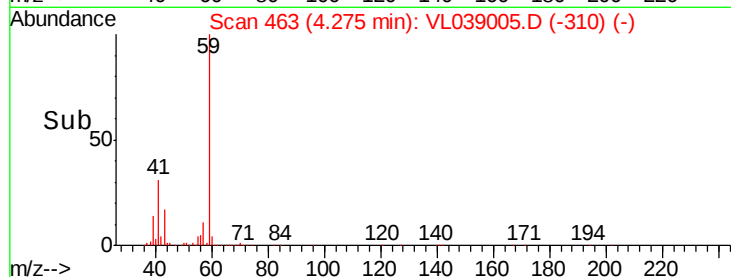
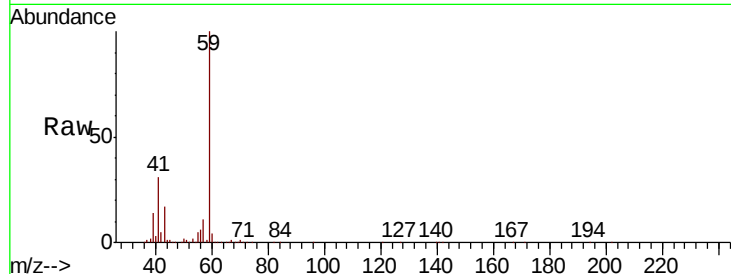


#17  
tert-Butyl alcohol  
Concen: 41.449 ppbv  
RT: 4.28  
Instrument: MSVOA\_L  
Delta R.T.:  
Lab File: ClientSampleId :  
SV3  
Acq: 10 May 2022 3:01

Tot Ion:  
Ion Ratio  
59 100  
57 10.

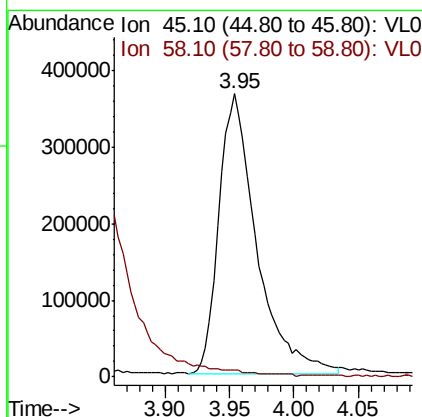
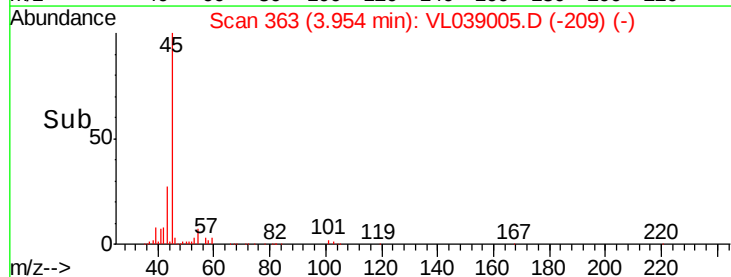
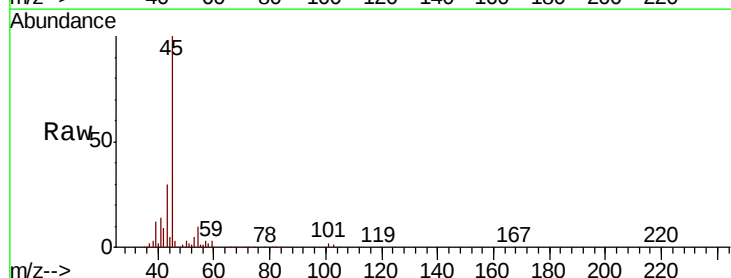
Manual Integrations  
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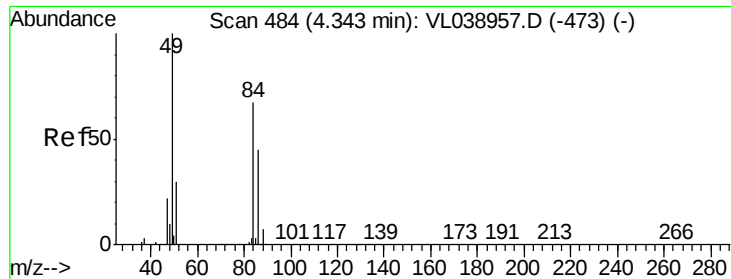
Reviewed By :Semsettin Yesilyurt 05/10/2022  
Supervised By :Mahesh Dadoda 05/11/2022



#19  
Isopropyl Alcohol  
Concen: 15.048 ppbv  
RT: 3.95 min Scan# 363  
Delta R.T. -0.00 min  
Lab File: VL039005.D  
Acq: 10 May 2022 3:01

Tgt Ion: 45 Resp: 740412  
Ion Ratio Lower Upper  
45 100  
58 207.5 1.4 2.2#



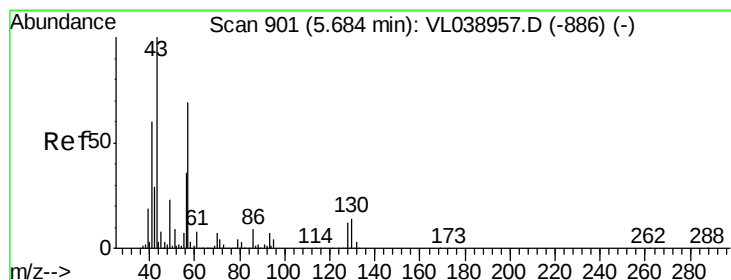
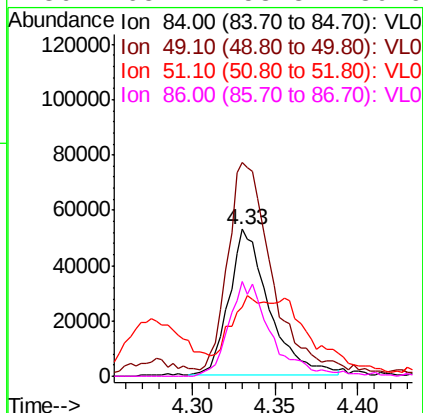
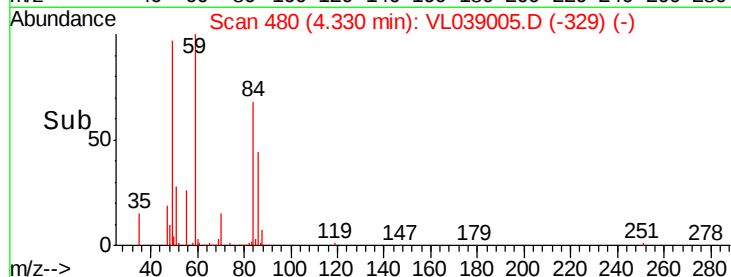
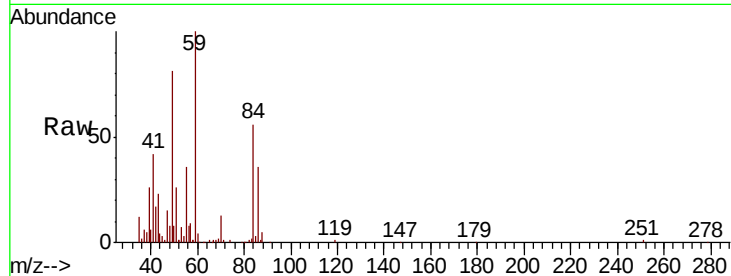


#20  
Methvlene Chloride  
Concen: 2.277 ppbv  
RT: 4.33  
Delta R.T. MSVOA\_L  
Lab File: ClientSampleId :  
Acq: 10 May 2022 3:01

Tot Ion:  
Ion Ratio  
84 100  
49 140.  
51 31.  
86 65.2 53.8 80.6

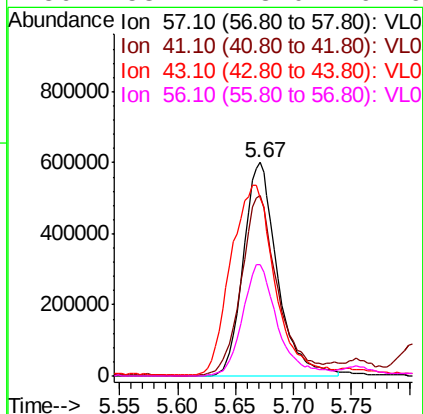
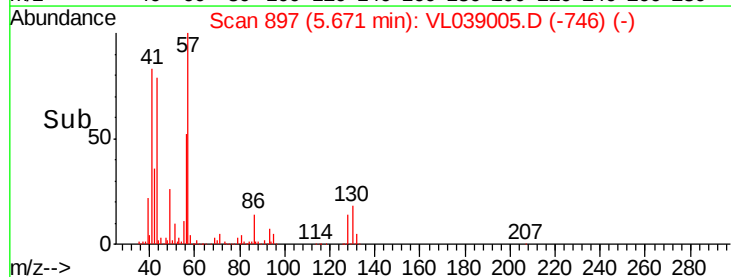
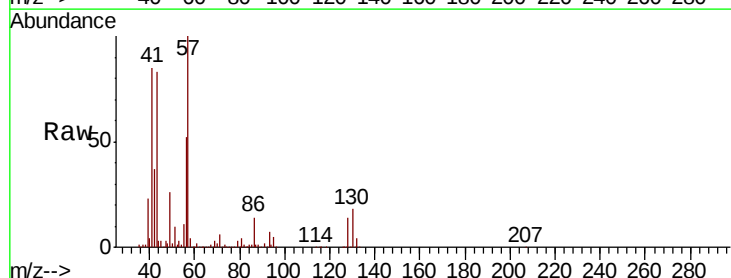
Manual Integrations  
APPROVED

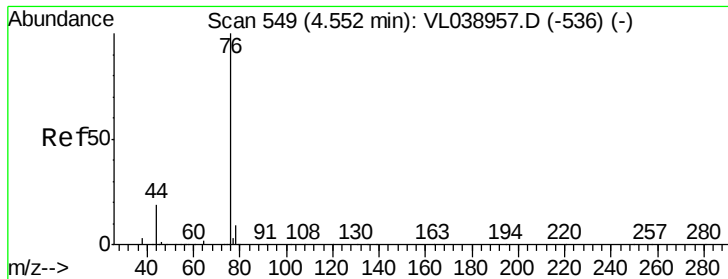
Reviewed By :Semsettin Yesilyurt 05/10/2022  
Supervised By :Mahesh Dadoda 05/11/2022



#26  
Hexane  
Concen: 11.092 ppbv  
RT: 5.67 min Scan# 897  
Delta R.T. -0.01 min  
Lab File: VL039005.D  
Acq: 10 May 2022 3:01

Tgt Ion: 57 Resp: 1220728  
Ion Ratio Lower Upper  
57 100  
41 91.3 75.2 112.8  
43 119.5 190.8 286.2#  
56 53.7 43.0 64.6





#27

Carbon Disulfide

Concen: 4.975 ppbv

RT: 4.54 Instrument:

Delta R.T. MSVOA\_L

Lab File: ClientSampleId:

Acq: 10 May 2022 3:01 SV3

Tot Ion:

Ion Ratio

76 100

44 19.

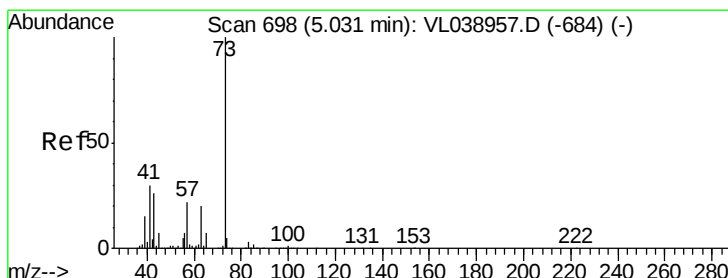
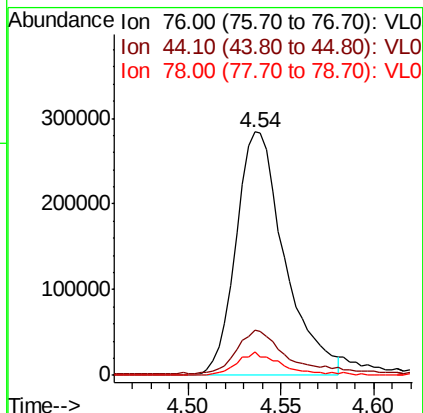
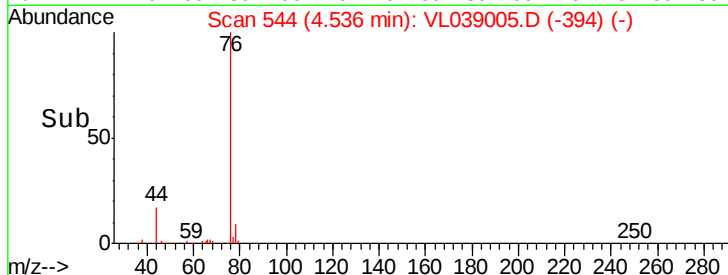
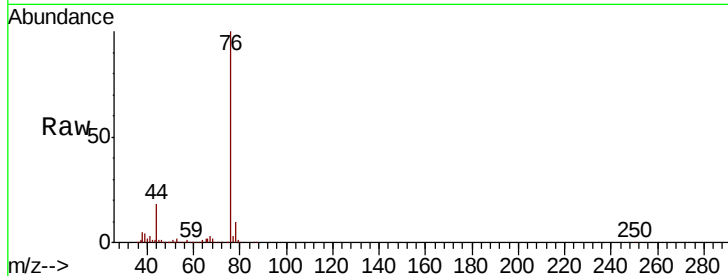
78 9.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/10/2022

Supervised By :Mahesh Dadoda 05/11/2022



#28

Methyl tert-Butyl Ether

Concen: 0.652 ppbv

RT: 5.02 min Scan# 694

Delta R.T. -0.01 min

Lab File: VL039005.D

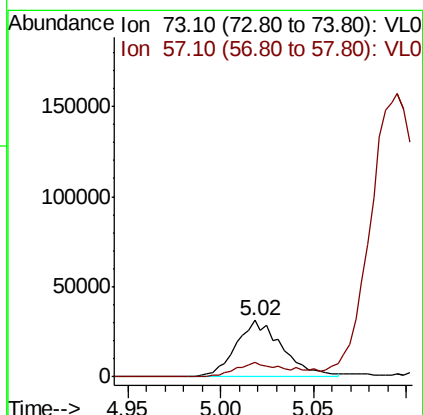
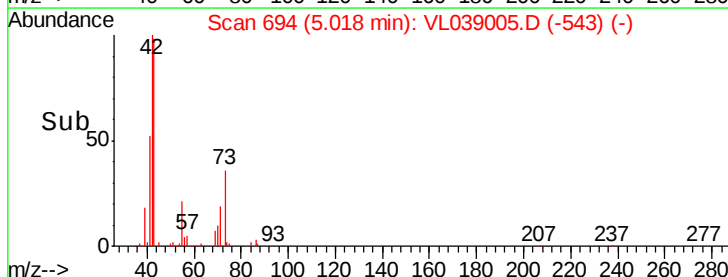
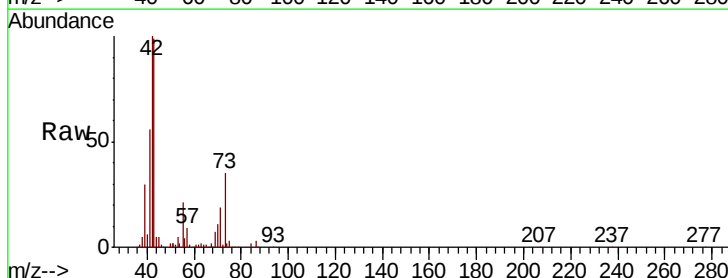
Acq: 10 May 2022 3:01

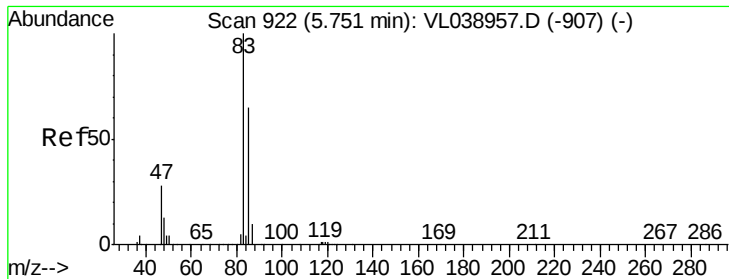
Tgt Ion: 73 Resp: 54574

Ion Ratio Lower Upper

73 100

57 0.0 18.8 28.2#





#29

Chloroform

Concen: 1.488 ppbv

RT: 5.74 Instrument:

Delta R.T. MSVOA\_L

Lab File: ClientSampleId:

Acq: 10 May 2022 3:01 SV3

Tot Ion:

Ion Ratio

83 100

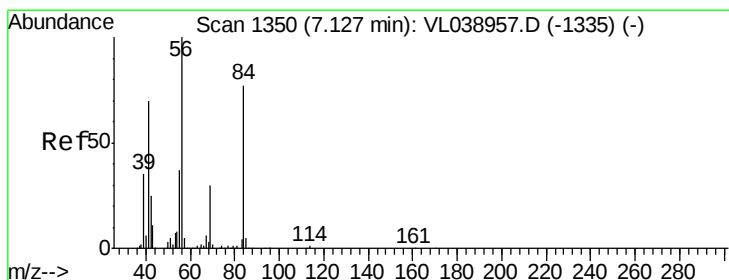
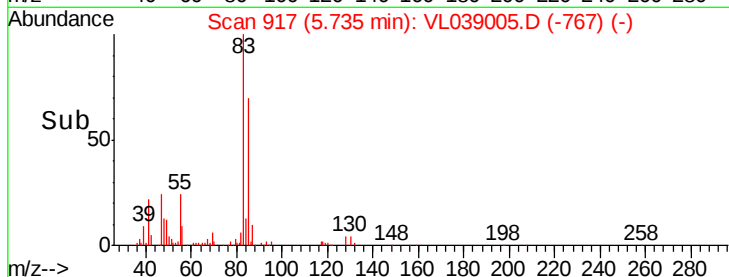
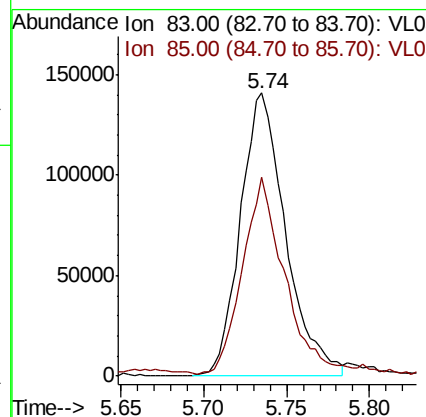
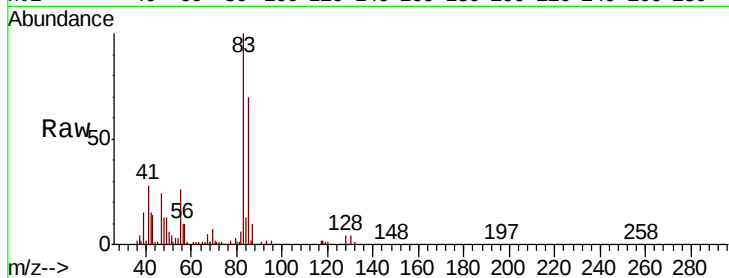
85 69.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/10/2022

Supervised By :Mahesh Dadoda 05/11/2022



#30

Cyclohexane

Concen: 3.927 ppbv

RT: 7.11 min Scan# 1344

Delta R.T. -0.02 min

Lab File: VL039005.D

Acq: 10 May 2022 3:01

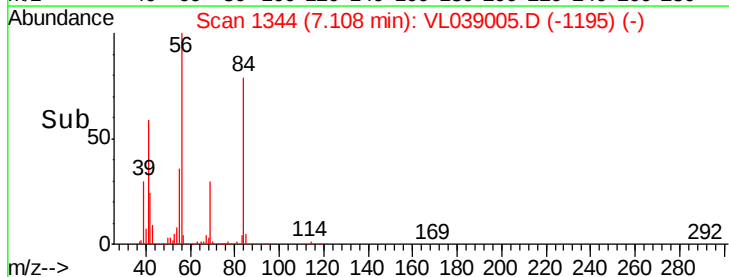
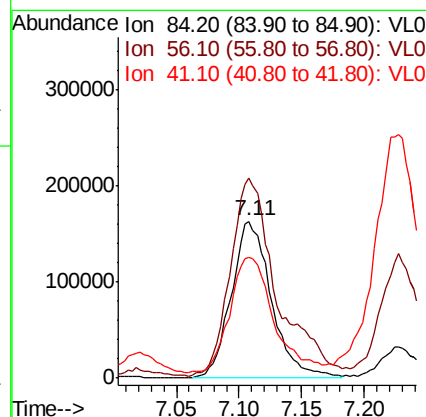
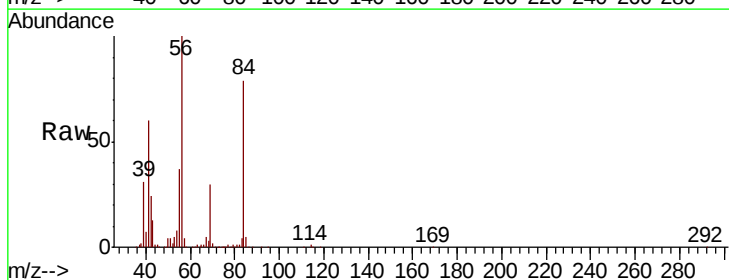
Tgt Ion: 84 Resp: 361857

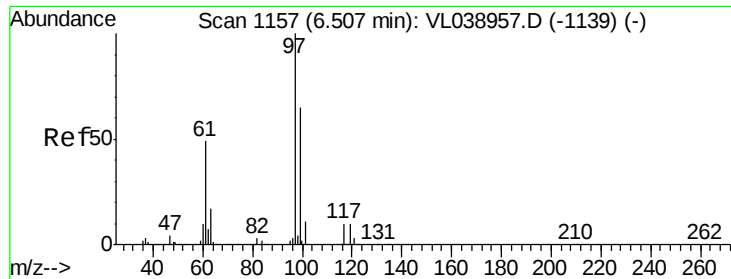
Ion Ratio Lower Upper

84 100

56 147.7 115.3 172.9

41 83.9 72.0 108.0



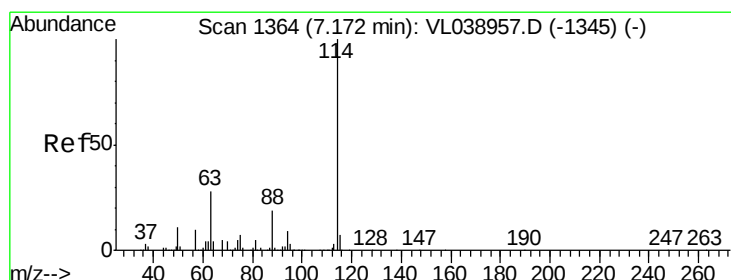
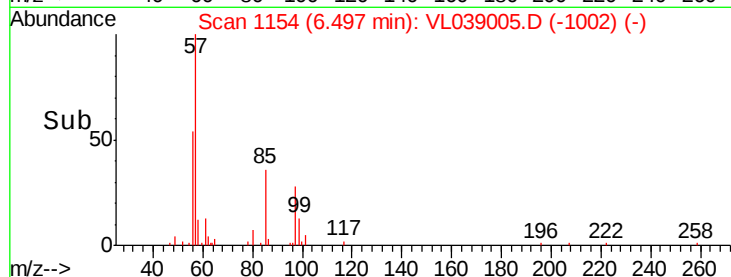
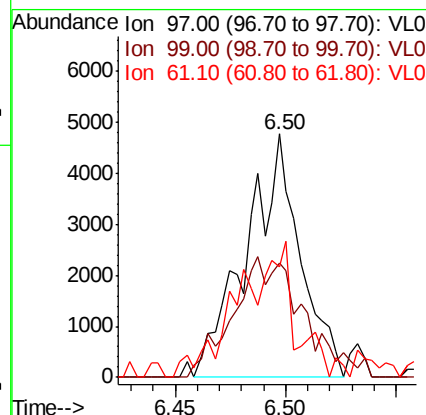
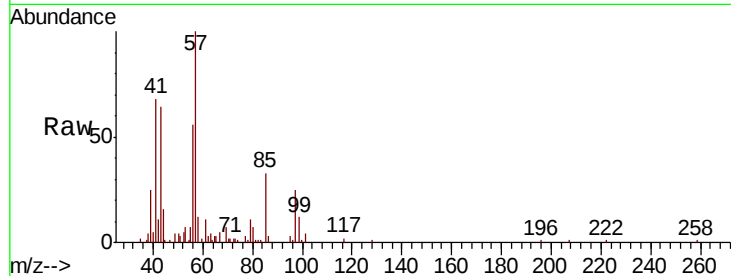


#32  
 1,1,1-Trichloroethane  
 Concen: 0.046 ppbv m  
 RT: 6.50  
 Delta R.T. MSVOA\_L  
 Lab File: ClientSampleId :  
 SV3  
 Acq: 10 May 2022 3:01

Tot Ion:  
 Ion Ratio  
 97 100  
 99 64.  
 61 0.

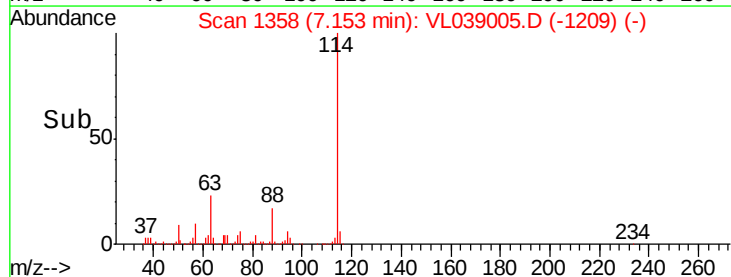
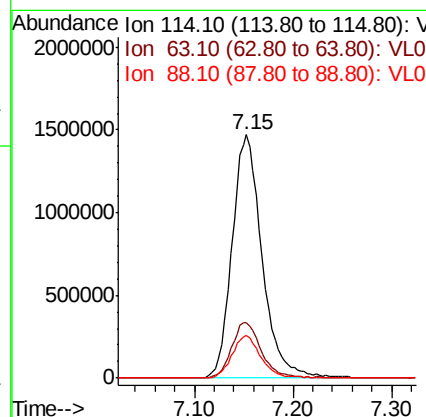
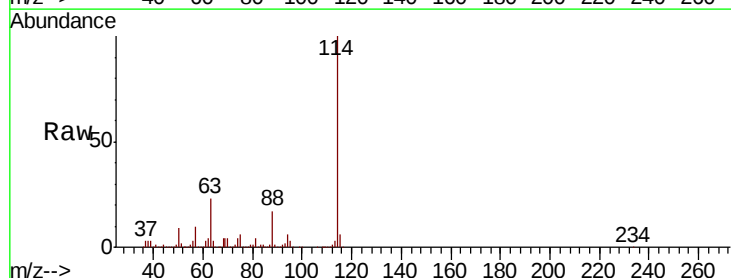
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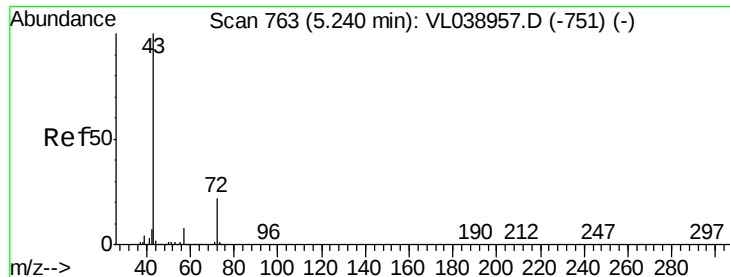
Reviewed By :Semsettin Yesilyurt 05/10/2022  
 Supervised By :Mahesh Dadoda 05/11/2022



#33  
 1,4-Difluorobenzene  
 Concen: 10.000 ppbv  
 RT: 7.15 min Scan# 1358  
 Delta R.T. -0.02 min  
 Lab File: VL039005.D  
 Acq: 10 May 2022 3:01

Tgt Ion:114 Resp: 3115303  
 Ion Ratio Lower Upper  
 114 100  
 63 23.0 22.6 33.8  
 88 17.2 15.4 23.0



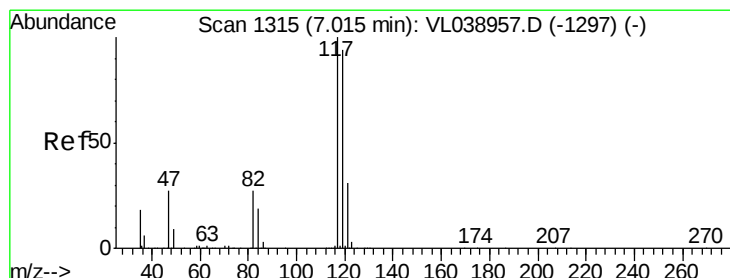
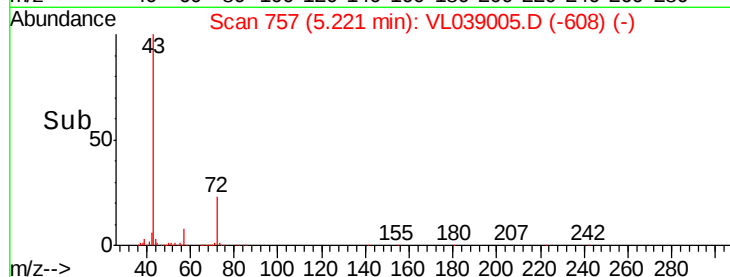
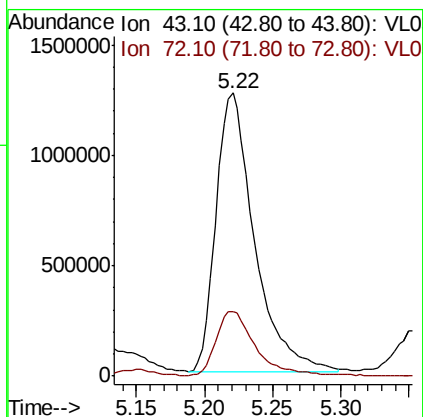
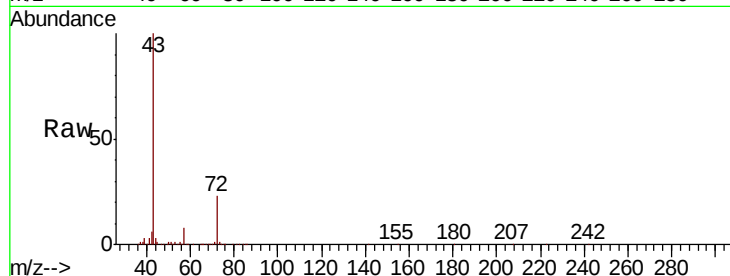


#34  
2-Butanone  
Concen: 15.550 ppbv  
RT: 5.22  
Instrument: MSVOA\_L  
Delta R.T.:  
Lab File: ClientSampleId:  
SV3  
Acq: 10 May 2022 3:01

Tot Ion:  
Ion Ratio  
43 100  
72 23.

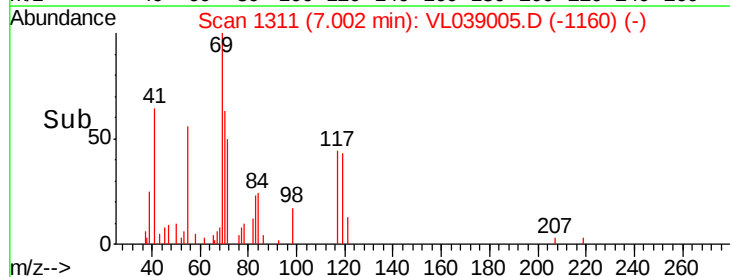
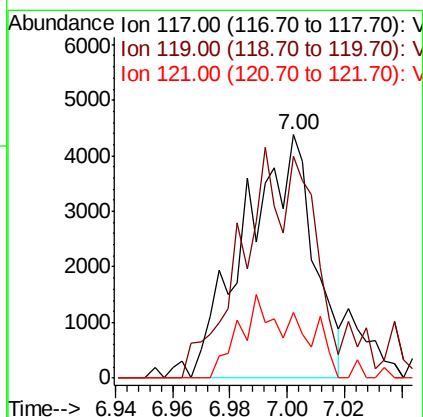
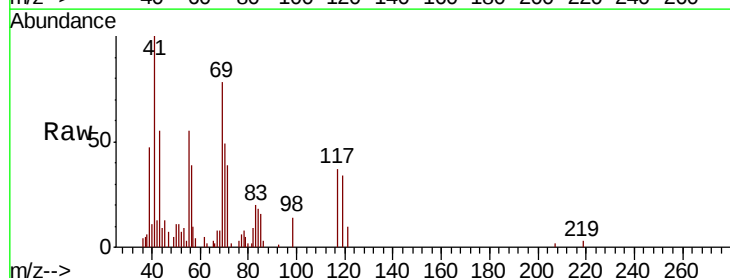
Manual Integrations  
APPROVED

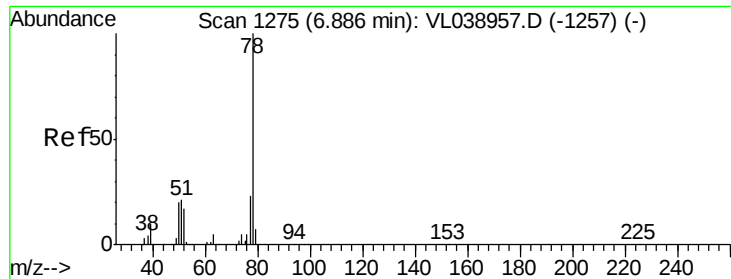
Reviewed By :Semsettin Yesilyurt 05/10/2022  
Supervised By :Mahesh Dadoda 05/11/2022



#35  
Carbon Tetrachloride  
Concen: 0.035 ppbv m  
RT: 7.00 min Scan# 1311  
Delta R.T. -0.01 min  
Lab File: VL039005.D  
Acq: 10 May 2022 3:01

Tgt Ion:117 Resp: 7254  
Ion Ratio Lower Upper  
117 100  
119 91.0 75.2 112.8  
121 27.1 24.6 37.0



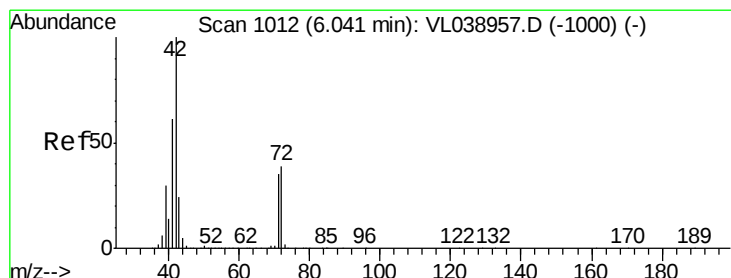
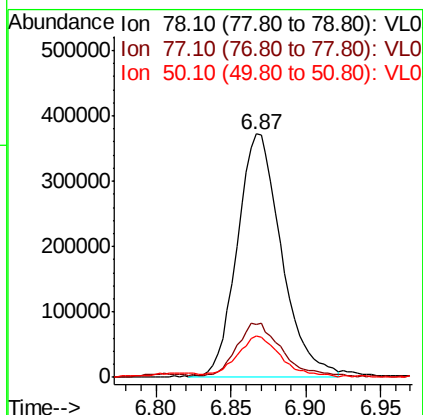
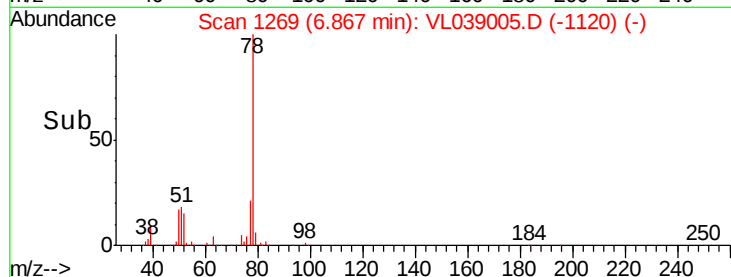
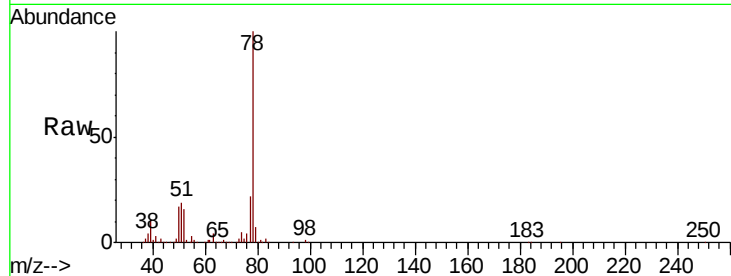


#36  
Benzene  
Concen: 2.860 ppbv  
RT: 6.87  
Delta R.T. MSVOA\_L  
Lab File: ClientSampleId :  
SV3  
Acq: 10 May 2022 3:01

Tot Ion:  
Ion Ratio  
78 100  
77 20.  
50 16.

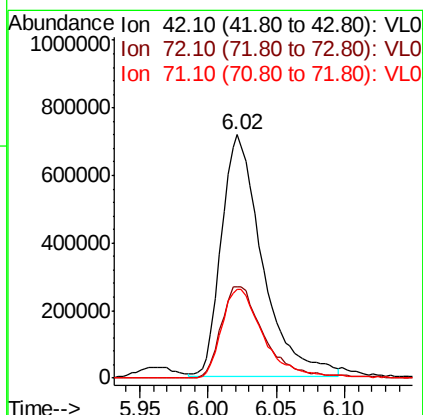
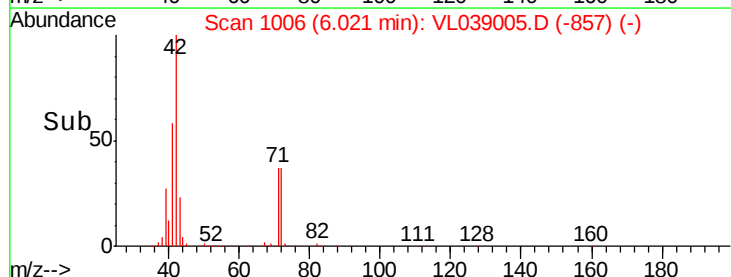
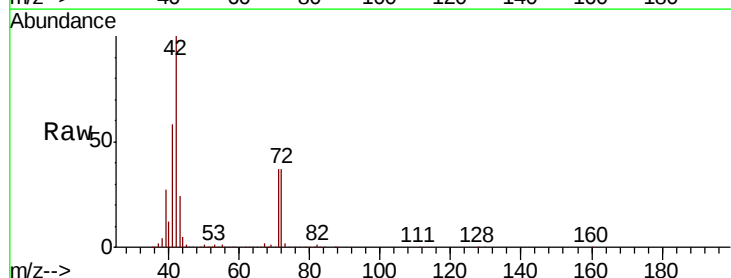
Manual Integrations  
APPROVED

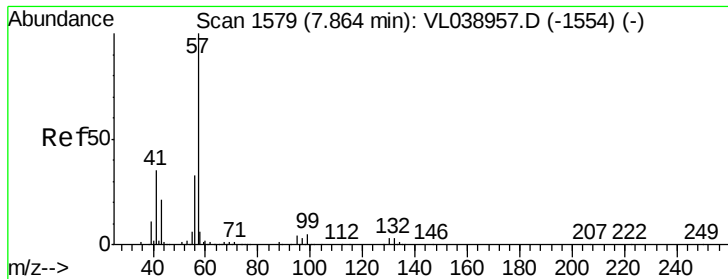
Reviewed By :Semsettin Yesilyurt 05/10/2022  
Supervised By :Mahesh Dadoda 05/11/2022



#41  
Tetrahydrofuran  
Concen: 14.055 ppbv  
RT: 6.02 min Scan# 1006  
Delta R.T. -0.02 min  
Lab File: VL039005.D  
Acq: 10 May 2022 3:01

Tgt Ion: 42 Resp: 1501389  
Ion Ratio Lower Upper  
42 100  
72 40.1 31.8 47.6  
71 37.9 30.6 45.8





#44

2,2,4-Trimethylpentane

Concen: 9.770 ppbv

RT: 7.84 Instrument:

Delta R.T. MSVOA\_L

Lab File: ClientSampleId:

Acq: 10 May 2022 3:01

Tot Ion:

Ion Ratio

57 100

41 35.

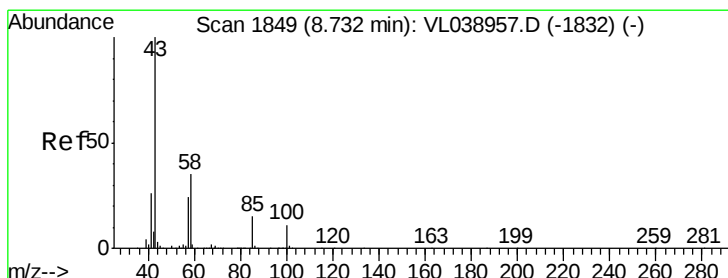
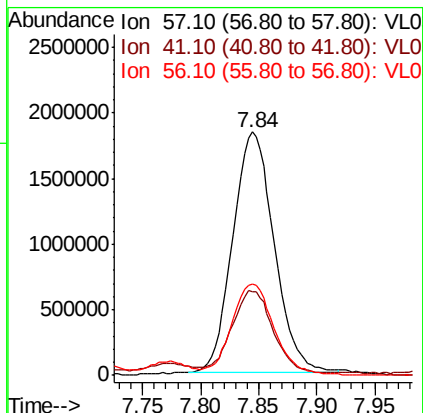
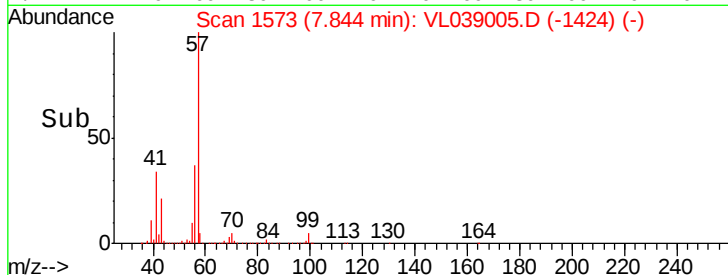
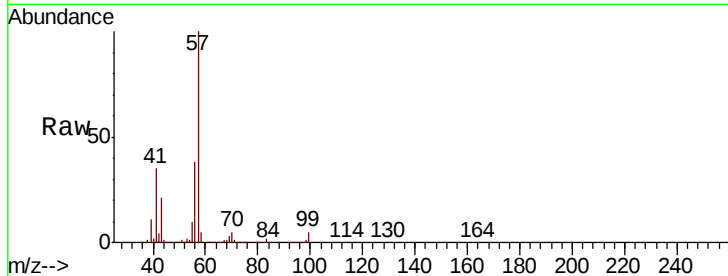
56 39.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/10/2022

Supervised By :Mahesh Dadoda 05/11/2022



#50

4-Methyl-2-Pentanone

Concen: 3.726 ppbv

RT: 8.71 min Scan# 1843

Delta R.T. -0.02 min

Lab File: VL039005.D

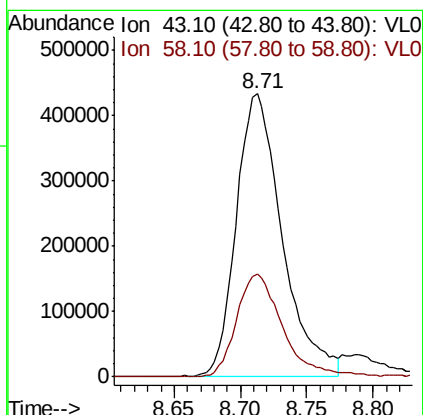
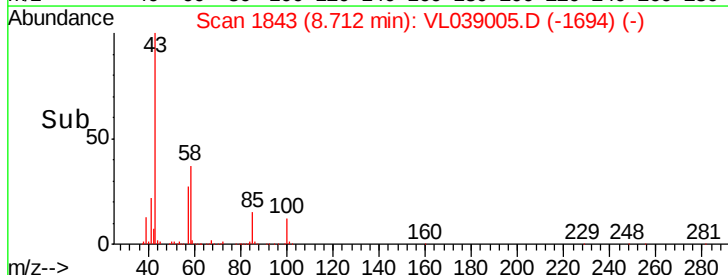
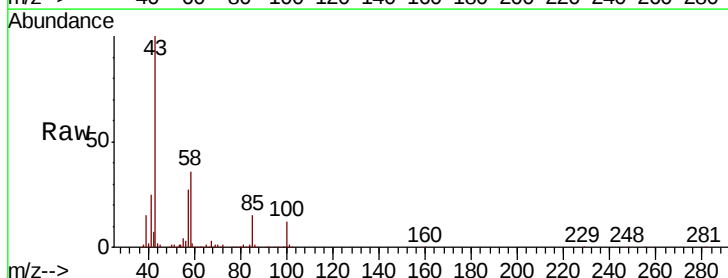
Acq: 10 May 2022 3:01

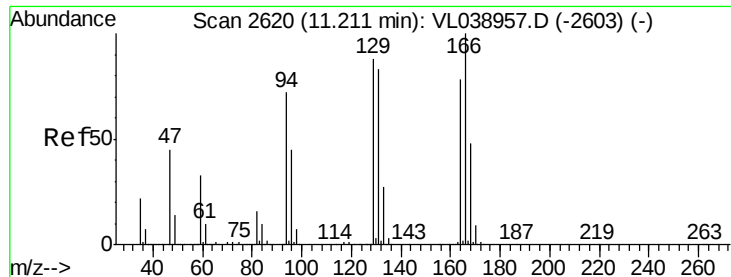
Tgt Ion: 43 Resp: 1038300

Ion Ratio Lower Upper

43 100

58 37.6 28.4 42.6



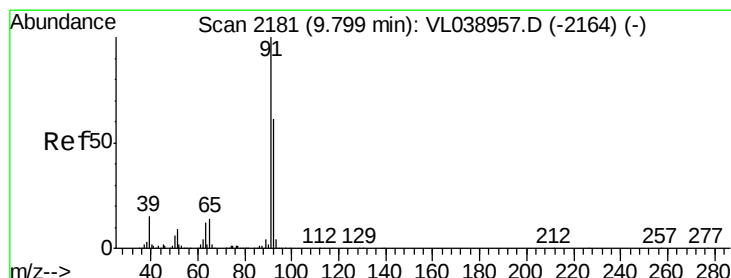
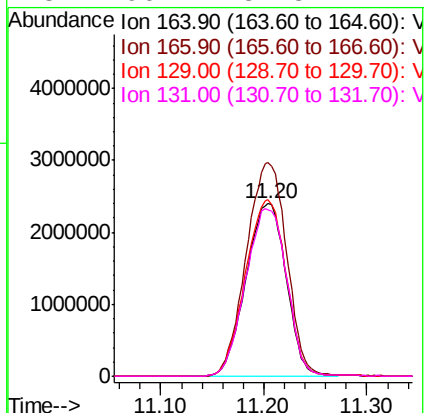
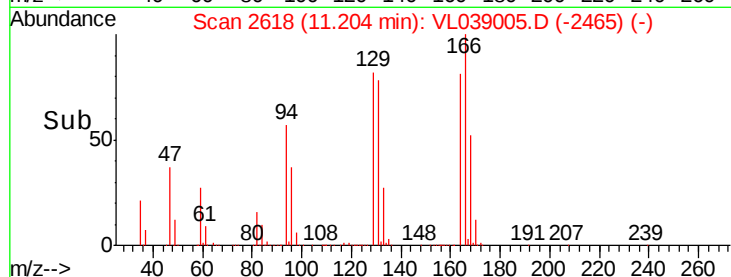
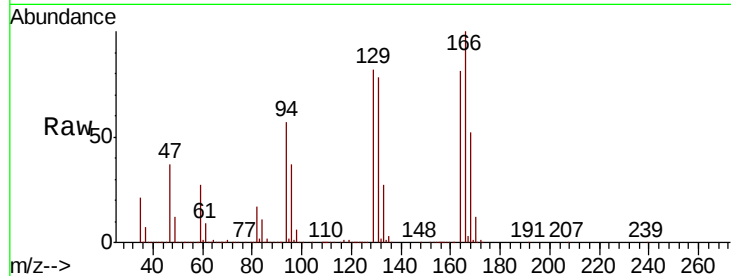


#52  
Tetrachloroethene  
Concen: 67.997 ppbv  
RT: 11.20  
Instrument: MSVOA\_L  
Delta R.T.:  
Lab File: ClientSampleId :  
SV3  
Acq: 10 May 2022 3:01

Tot Ion: 1  
Ion Ratio  
164 100  
166 123.  
129 101.  
131 96.7 84.8 127.2

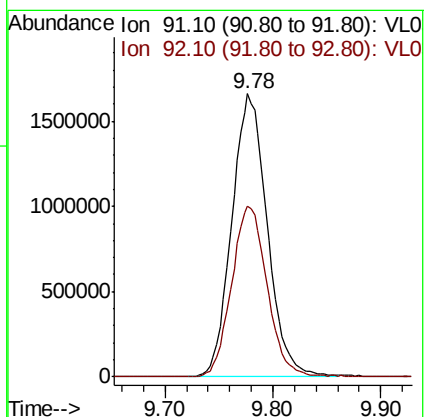
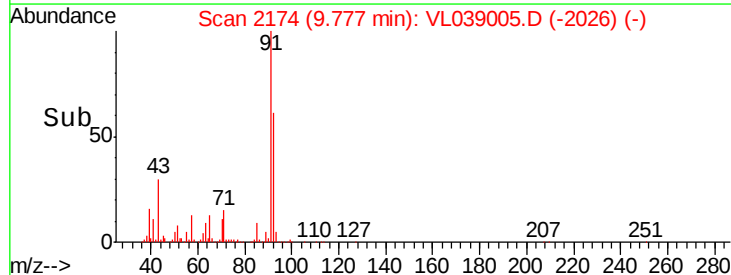
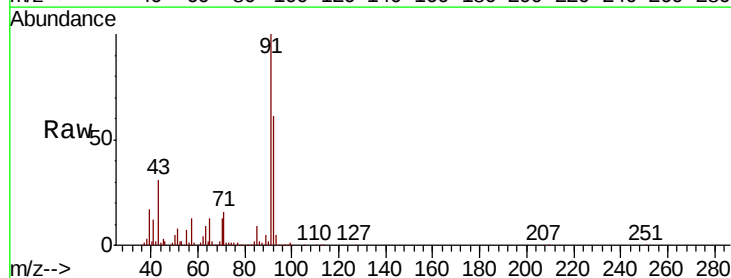
Manual Integrations  
APPROVED

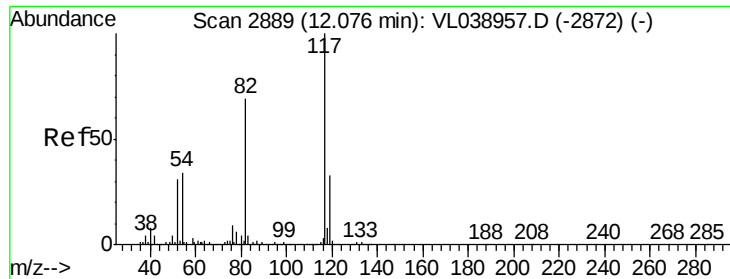
Reviewed By : Semsettin Yesilyurt 05/10/2022  
Supervised By : Mahesh Dadoda 05/11/2022



#53  
Toluene  
Concen: 12.679 ppbv  
RT: 9.78 min Scan# 2174  
Delta R.T.: -0.02 min  
Lab File: VL039005.D  
Acq: 10 May 2022 3:01

Tgt Ion: 91 Resp: 3788597  
Ion Ratio Lower Upper  
91 100  
92 61.2 48.2 72.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.05

Delta R.T. MSVOA\_L

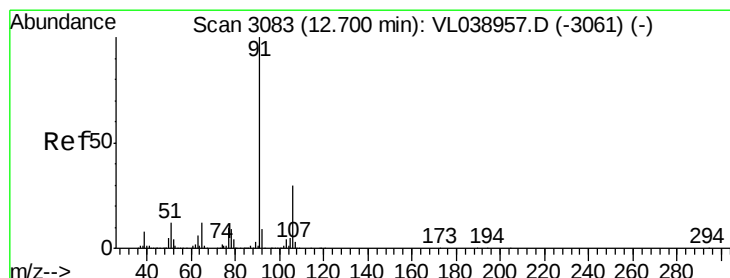
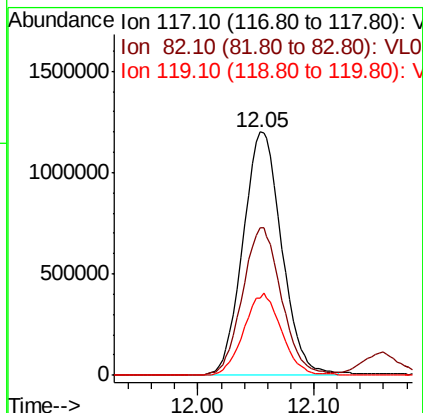
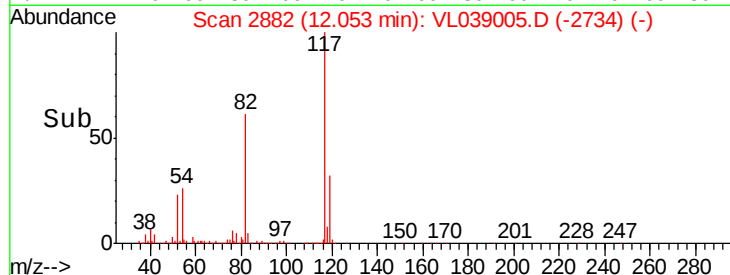
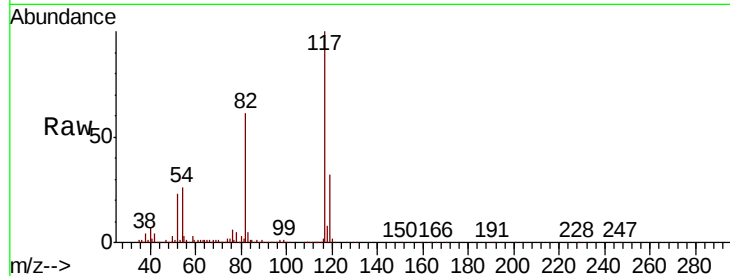
Lab File: ClientSampleId :

Acq: 10 May 2022 3:01

Tot Ion:1  
Ion Rati  
117 100  
82 61.  
119 33.

Manual Integrations  
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Reviewed By :Semsettin Yesilyurt 05/10/2022  
Supervised By :Mahesh Dadoda 05/11/2022



#58

Ethyl Benzene

Concen: 6.988 ppbv

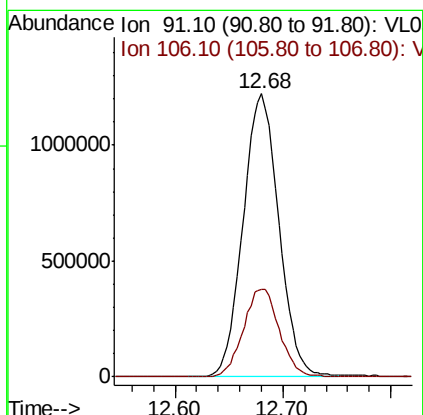
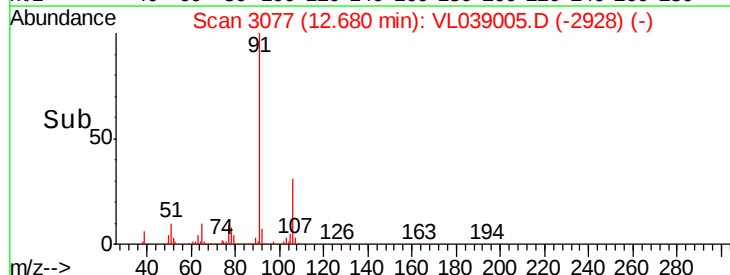
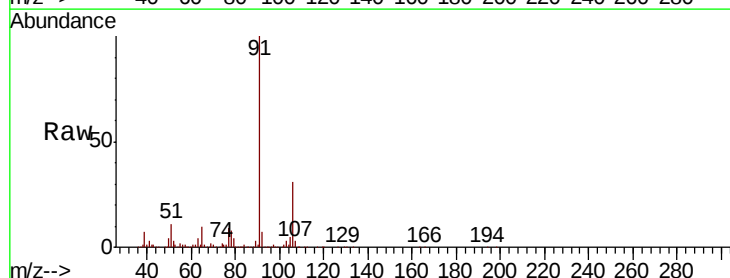
RT: 12.68 min Scan# 3077

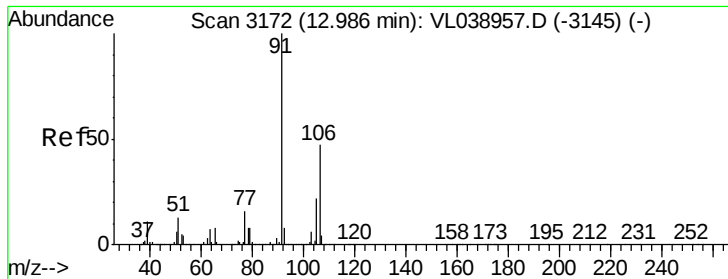
Delta R.T. -0.02 min

Lab File: VL039005.D

Acq: 10 May 2022 3:01

Tgt Ion: 91 Resp: 2810559  
Ion Ratio Lower Upper  
91 100  
106 31.0 24.2 36.4



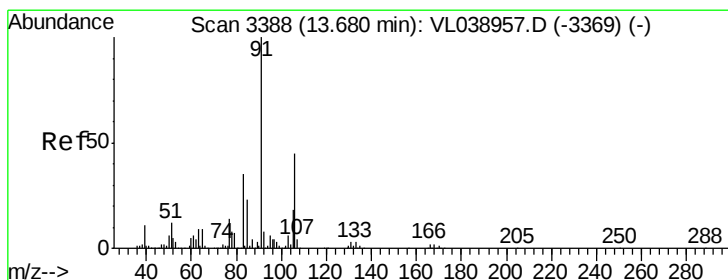
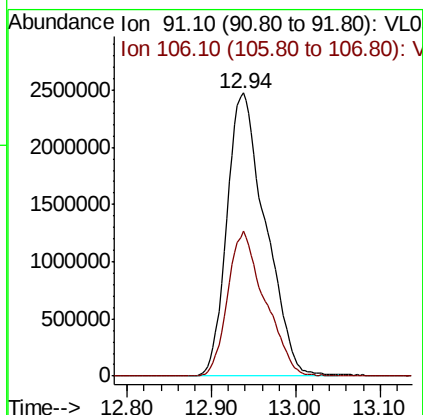
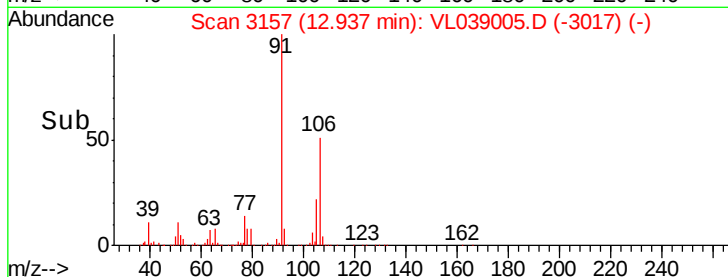
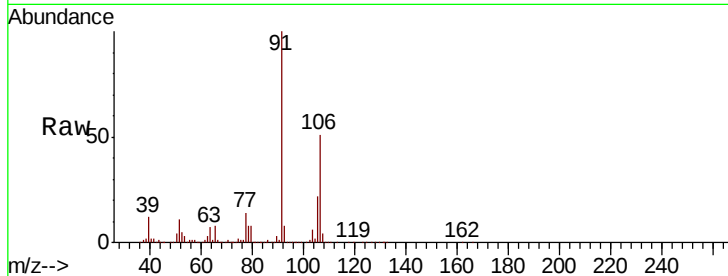


#59  
m/p-Xylene  
Concen: 22.895 ppbv  
RT: 12.94 min  
Instrument: MSVOA\_1  
Delta R.T.:  
Lab File: ClientSampleId :  
SV3  
Acq: 10 May 2022 3:01

Tot Ion:  
Ion Ratio  
91 100  
106 49.

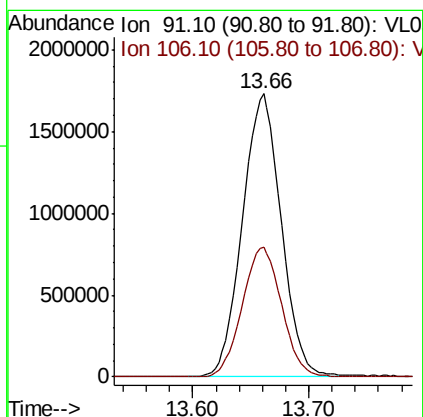
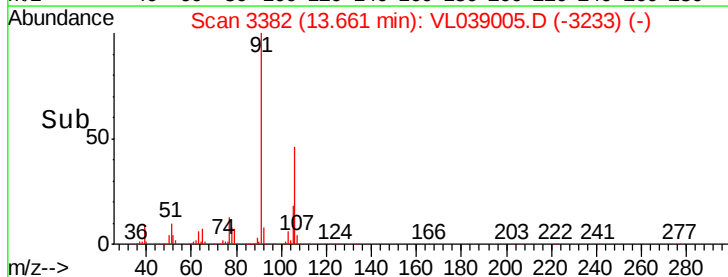
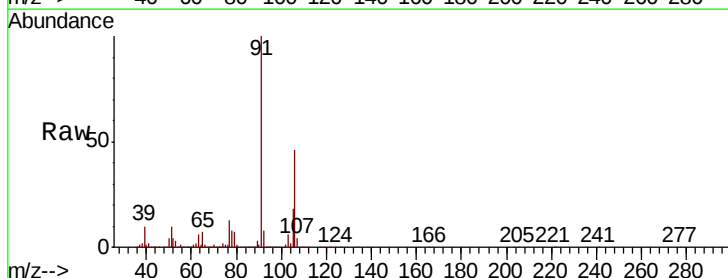
Manual Integrations  
APPROVED

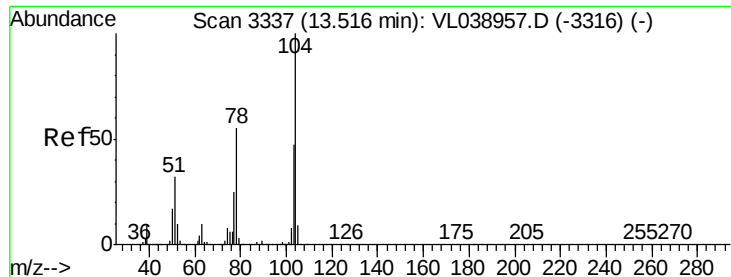
Reviewed By :Semsettin Yesilyurt 05/10/2022  
Supervised By :Mahesh Dadoda 05/11/2022



#60  
o-Xylene  
Concen: 12.453 ppbv  
RT: 13.66 min Scan# 3382  
Delta R.T. -0.02 min  
Lab File: VL039005.D  
Acq: 10 May 2022 3:01

Tgt Ion: 91 Resp: 4024211  
Ion Ratio Lower Upper  
91 100  
106 46.8 22.2 66.6





#61

Stvrene

Concen: 0.207 ppbv

RT: 13.50

Delta R.T.

Lab File:

Acq: 10 May 2022

Instrument :

MSVOA\_L

ClientSampleId :

SV3

3:01

Tot Ion:1

Ion Rati

104 100

78 62.

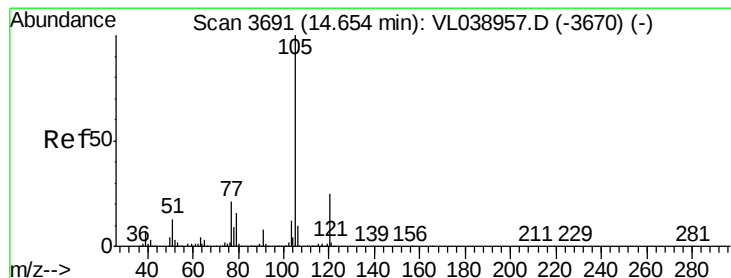
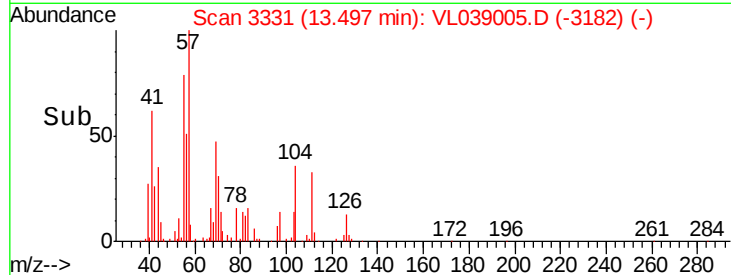
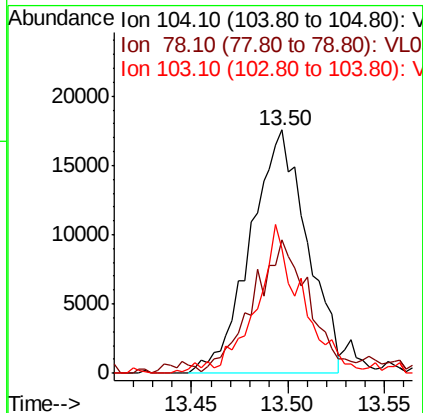
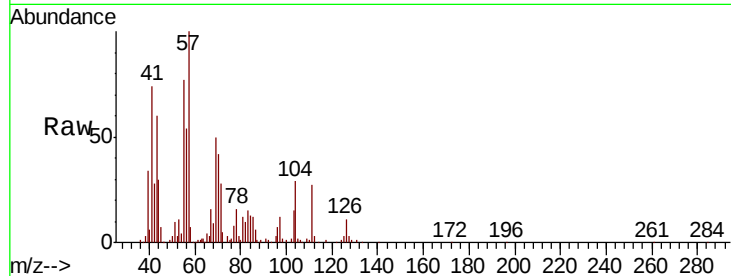
103 52.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/10/2022

Supervised By :Mahesh Dadoda 05/11/2022



#62

Isopropylbenzene

Concen: 0.905 ppbv

RT: 14.63 min Scan# 3684

Delta R.T. -0.02 min

Lab File: VL039005.D

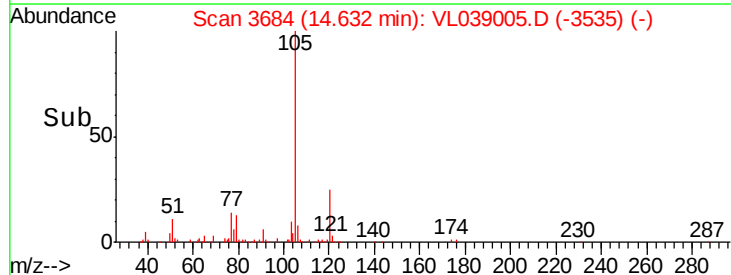
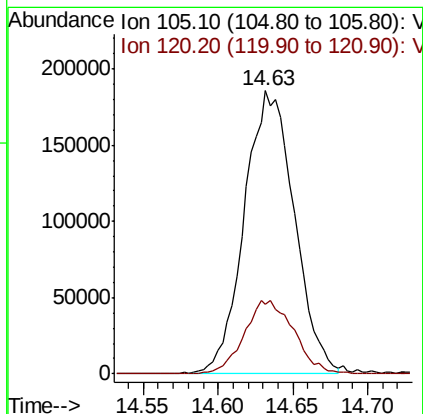
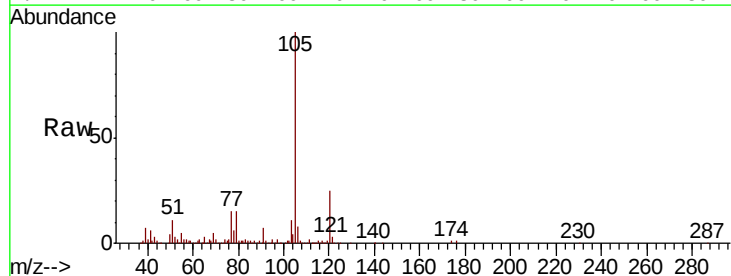
Acq: 10 May 2022 3:01

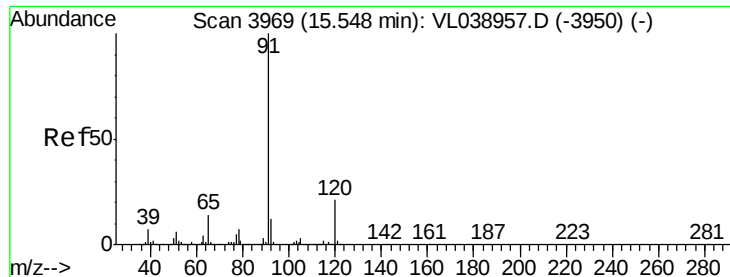
Tgt Ion:105 Resp: 427831

Ion Ratio Lower Upper

105 100

120 26.1 20.5 30.7



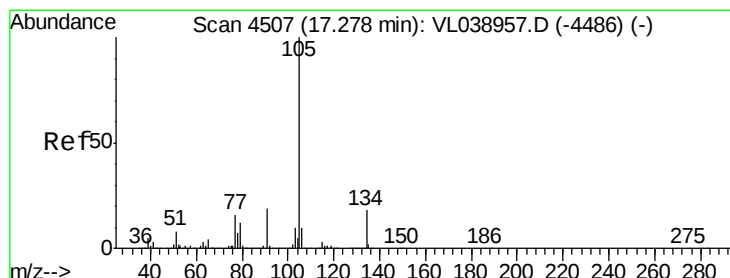
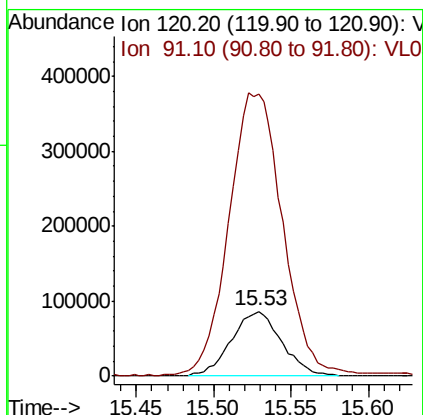
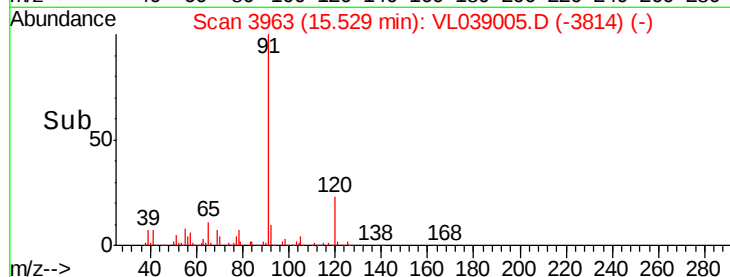
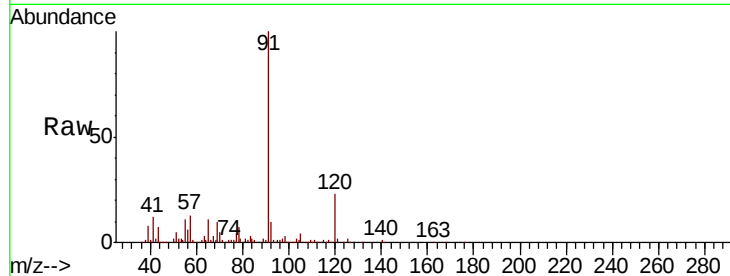


#64  
n-propylbenzene  
Concen: 1.672 ppbv  
RT: 15.53 min  
Delta R.T.: MSVOA\_L  
Lab File: ClientSampleId : SV3  
Acq: 10 May 2022 3:01

Tot Ion:1  
Ion Rati  
120 100  
91 481.

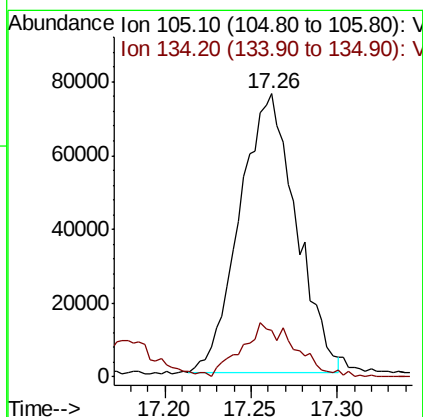
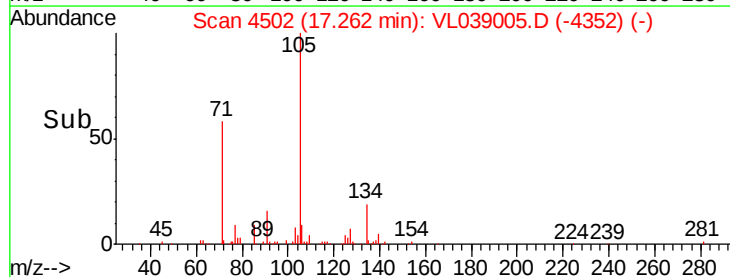
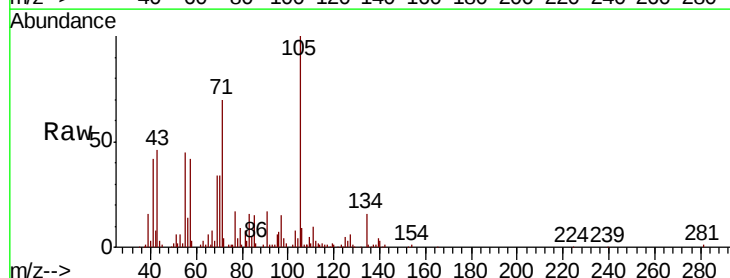
Manual Integrations  
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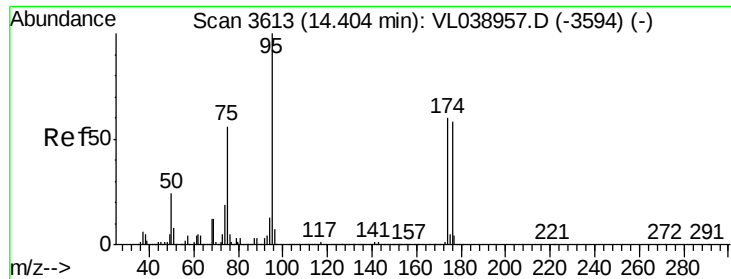
Reviewed By :Semsettin Yesilyurt 05/10/2022  
Supervised By :Mahesh Dadoda 05/11/2022



#67  
sec-Butylbenzene  
Concen: 0.291 ppbv  
RT: 17.26 min Scan# 4502  
Delta R.T.: -0.02 min  
Lab File: VL039005.D  
Acq: 10 May 2022 3:01

Tgt Ion:105 Resp: 172011  
Ion Ratio Lower Upper  
105 100  
134 18.6 14.2 21.4



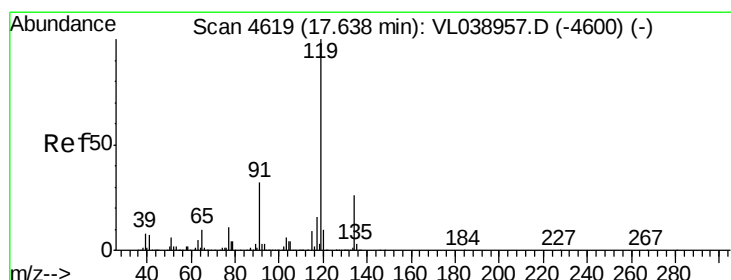
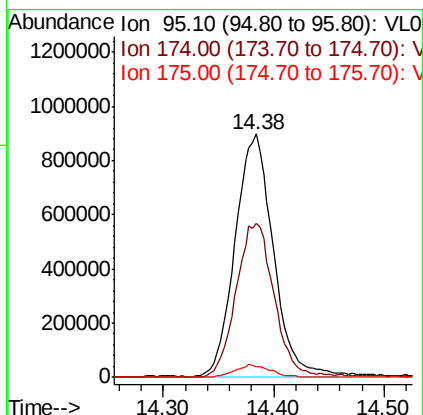
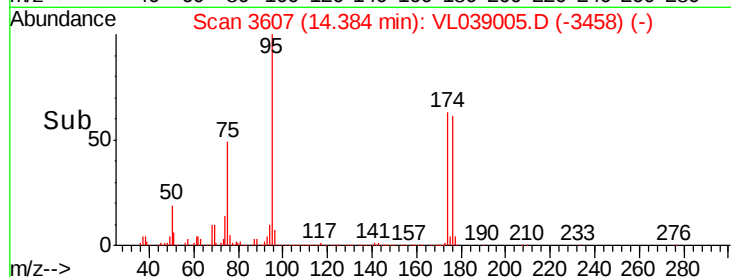
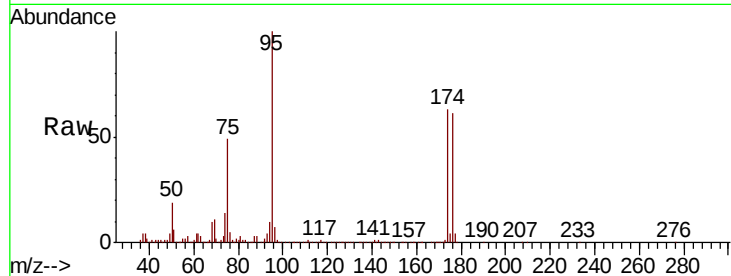


#68  
1-Bromo-4-Fluorobenzene  
Concen: 9.661 ppbv  
RT: 14.38 min  
Delta R.T.: 0.01 min  
Lab File: SV3  
Acq: 10 May 2022 3:01

Manual Integrations  
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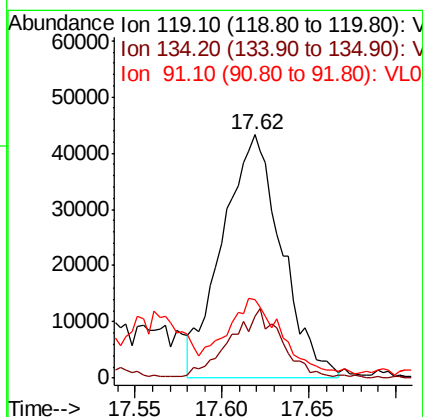
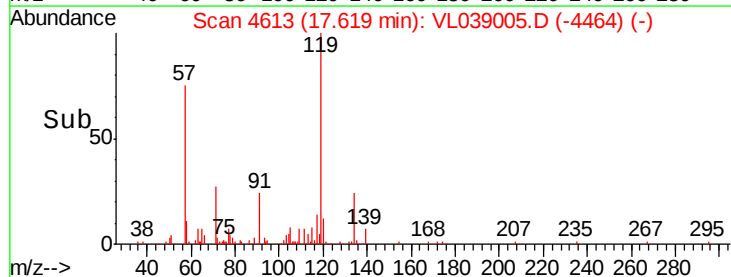
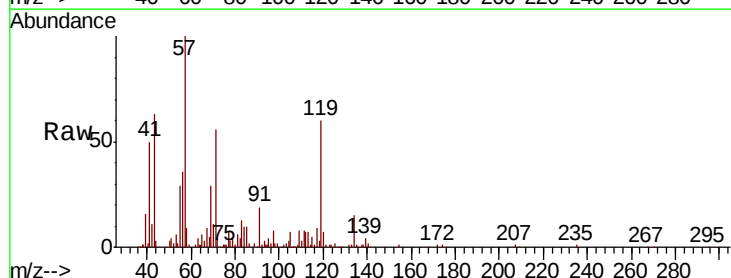
Reviewed By :Semsettin Yesilyurt 05/10/2022  
Supervised By :Mahesh Dadoda 05/11/2022

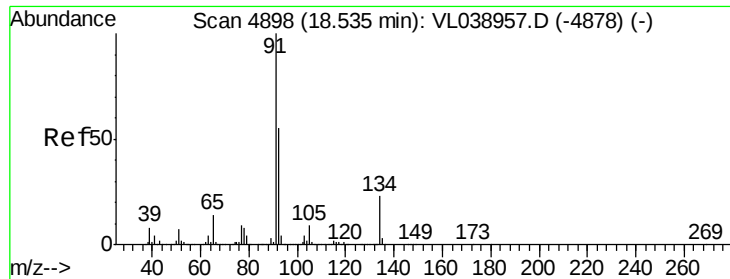
Tot Ion:  
Ion Ratio  
95 100  
174 64.  
175 4.



#69  
p-Isopropyltoluene  
Concen: 0.216 ppbv m  
RT: 17.62 min Scan# 4613  
Delta R.T.: -0.02 min  
Lab File: VL039005.D  
Acq: 10 May 2022 3:01

Tgt Ion:119 Resp: 103050  
Ion Ratio Lower Upper  
119 100  
134 25.3 20.0 30.0  
91 27.6 24.8 37.2



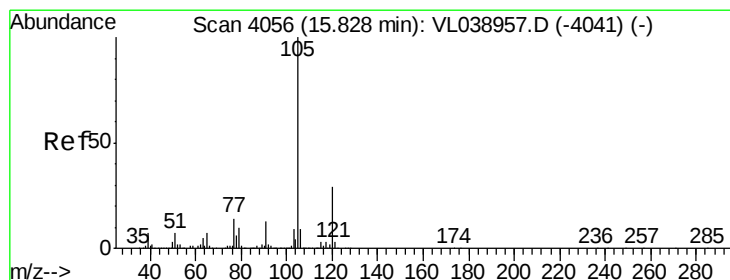
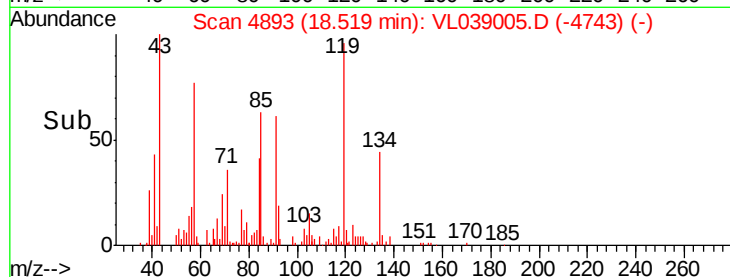
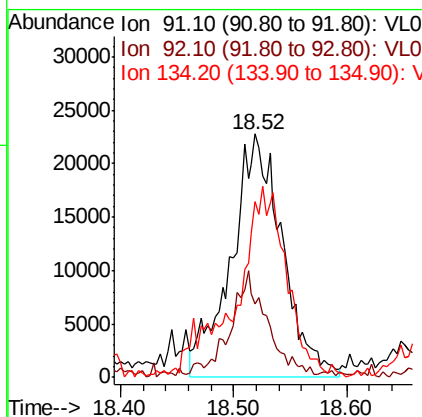
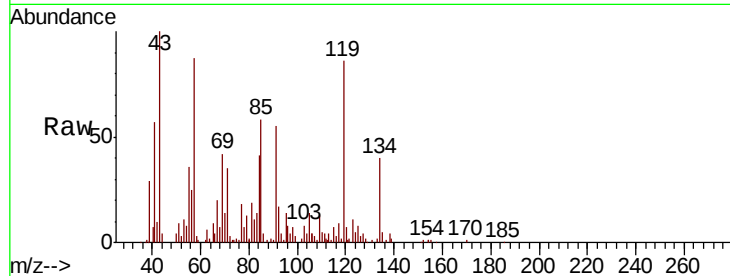


#70  
n-Butylbenzene  
Concen: 0.141 ppbv m  
RT: 18.52  
Instrument: MSVOA\_1  
Delta R.T.:  
Lab File: ClientSampleId :  
SV3  
Acq: 10 May 2022 3:01

Tot Ion:  
Ion Ratio  
91 100  
92 0.  
134 0.

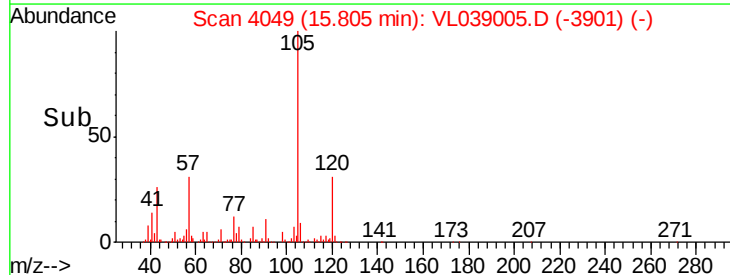
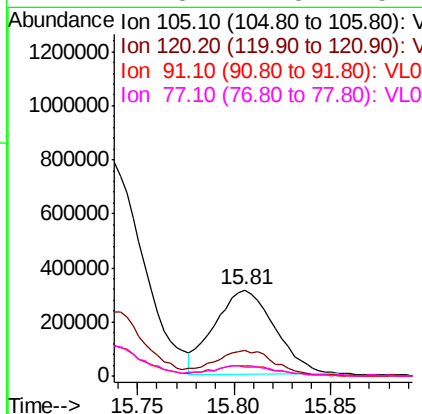
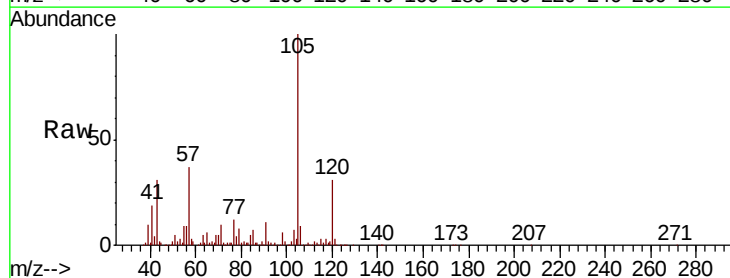
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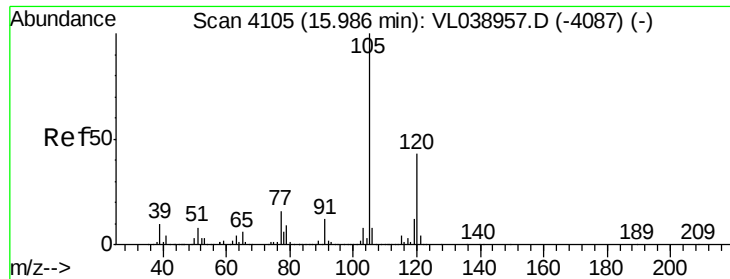
Reviewed By :Semsettin Yesilyurt 05/10/2022  
Supervised By :Mahesh Dadoda 05/11/2022



#72  
4-Ethyltoluene  
Concen: 1.833 ppbv  
RT: 15.81 min Scan# 4049  
Delta R.T. -0.02 min  
Lab File: VL039005.D  
Acq: 10 May 2022 3:01

Tgt Ion:105 Resp: 675037  
Ion Ratio Lower Upper  
105 100  
120 31.5 23.4 35.0  
91 12.8 10.6 16.0  
77 12.3 12.5 18.7#



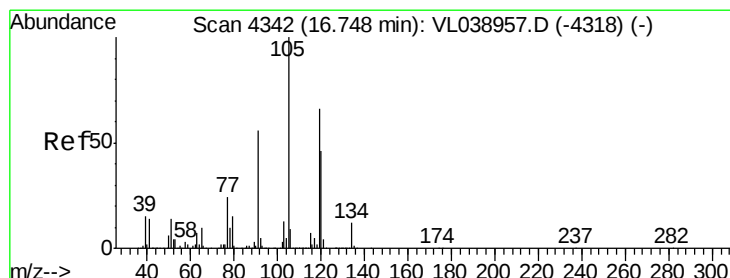
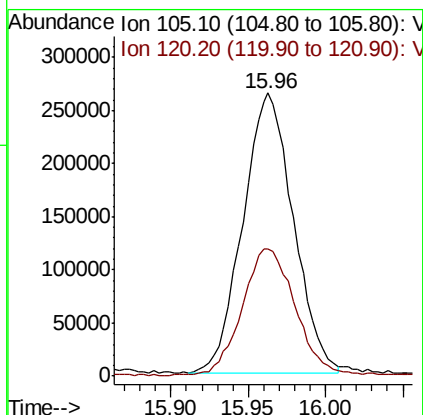
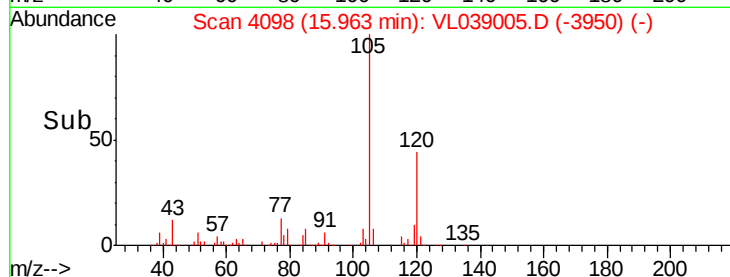
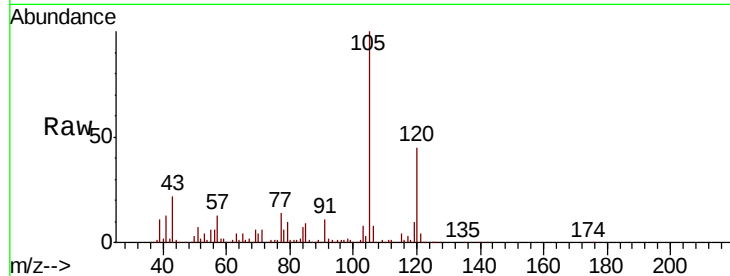


#73  
 1,3,5-Trimethylbenzene  
 Concen: 1.798 ppbv  
 RT: 15.96 min  
 Delta R.T. MSVOA\_L  
 Lab File: ClientSampleId :  
 SV3  
 Acq: 10 May 2022 3:01

Tot Ion:1  
 Ion Rati  
 105 100  
 120 44.

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/10/2022  
 Supervised By :Mahesh Dadoda 05/11/2022



#74  
 1,2,4-Trimethylbenzene  
 Concen: 2.990 ppbv  
 RT: 16.73 min Scan# 4336  
 Delta R.T. -0.02 min  
 Lab File: VL039005.D  
 Acq: 10 May 2022 3:01

Tgt Ion:105 Resp: 1085399  
 Ion Ratio Lower Upper  
 105 100  
 120 42.8 36.9 55.3  
 91 10.9 45.0 67.4#  
 77 13.9 19.2 28.8#

