

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL122123\  
 Data File : VL040945.D  
 Acq On : 22 Dec 2023 00:49  
 Operator : SY/MD  
 Sample : 05848-03 4X  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SV4

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/22/2023  
 Supervised By :Mahesh Dadoda 12/26/2023

Quant Time: Dec 22 03:41:40 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL122023AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 2

QLast Update : Thu Dec 21 07:32:42 2023

Response via : Initial Calibration

| Compound                | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------|--------|------|----------|--------|-------|----------|
| -----                   |        |      |          |        |       |          |
| Internal Standards      |        |      |          |        |       |          |
| 1) Bromochloromethane   | 5.192  | 49   | 1210173  | 10.000 | ppbv  | 0.02     |
| 33) 1,4-Difluorobenzene | 6.639  | 114  | 3179762  | 10.000 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 11.439 | 117  | 2839866  | 10.000 | ppbv  | 0.00     |

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.741 95 2122941 10.149 ppbv 0.00  
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.500%

Target Compounds

|                              |        |     |         |         |        | Qvalue |
|------------------------------|--------|-----|---------|---------|--------|--------|
| 2) Dichlorodifluoromethane   | 2.755  | 85  | 26418   | 0.115   | ppbv   | 93     |
| 3) Chlorodifluoromethane     | 2.681  | 51  | 445626  | 2.447   | ppbv # | 60     |
| 4) Chloromethane             | 2.838  | 50  | 7090m   | 0.106   | ppbv   |        |
| 9) Propene                   | 2.726  | 41  | 31213m  | 0.519   | ppbv   |        |
| 10) Heptane                  | 7.565  | 43  | 64537m  | 0.432   | ppbv   |        |
| 13) Ethanol                  | 3.256  | 45  | 326677  | 21.550  | ppbv   | 99     |
| 15) Acetone                  | 3.491  | 43  | 609315  | 4.198   | ppbv   | 96     |
| 17) tert-Butyl alcohol       | 3.912  | 59  | 16275m  | 0.152   | ppbv   |        |
| 19) Isopropyl Alcohol        | 3.597  | 45  | 21660m  | 0.286   | ppbv   |        |
| 20) Methylene Chloride       | 3.944  | 84  | 36405   | 0.704   | ppbv   | 82     |
| 22) trans-1,2-Dichloroethene | 4.452  | 96  | 6544m   | 0.099   | ppbv   |        |
| 23) Vinyl Acetate            | 4.629  | 43  | 155768  | 0.973   | ppbv # | 84     |
| 25) Ethyl Acetate            | 5.211  | 43  | 283868  | 1.129   | ppbv # | 86     |
| 26) Hexane                   | 5.211  | 57  | 327991  | 2.943   | ppbv # | 41     |
| 29) Chloroform               | 5.279  | 83  | 34445m  | 0.183   | ppbv   |        |
| 30) Cyclohexane              | 6.594  | 84  | 12735   | 0.137   | ppbv   | 92     |
| 31) cis-1,2-Dichloroethene   | 5.079  | 61  | 165860  | 1.449   | ppbv   | 97     |
| 34) 2-Butanone               | 4.784  | 43  | 1275257 | 7.581   | ppbv   | 100    |
| 36) Benzene                  | 6.362  | 78  | 55048   | 0.221   | ppbv # | 92     |
| 38) Trichloroethene          | 7.275  | 130 | 799817  | 8.567   | ppbv   | 98     |
| 44) 2,2,4-Trimethylpentane   | 7.311  | 57  | 129110  | 0.306   | ppbv # | 22     |
| 51) 2-Hexanone               | 9.529  | 43  | 345591  | 1.885   | ppbv   | 96     |
| 52) Tetrachloroethene        | 10.600 | 164 | 8987368 | 107.331 | ppbv   | 92     |
| 53) Toluene                  | 9.195  | 91  | 191025  | 0.693   | ppbv   | 100    |
| 58) Ethyl Benzene            | 12.057 | 91  | 44478m  | 0.122   | ppbv   |        |
| 59) m/p-Xylene               | 12.317 | 91  | 102130m | 0.329   | ppbv   |        |
| 60) o-Xylene                 | 13.028 | 91  | 44091   | 0.151   | ppbv   | 97     |
| 74) 1,2,4-Trimethylbenzene   | 16.069 | 105 | 65263m  | 0.212   | ppbv   |        |

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

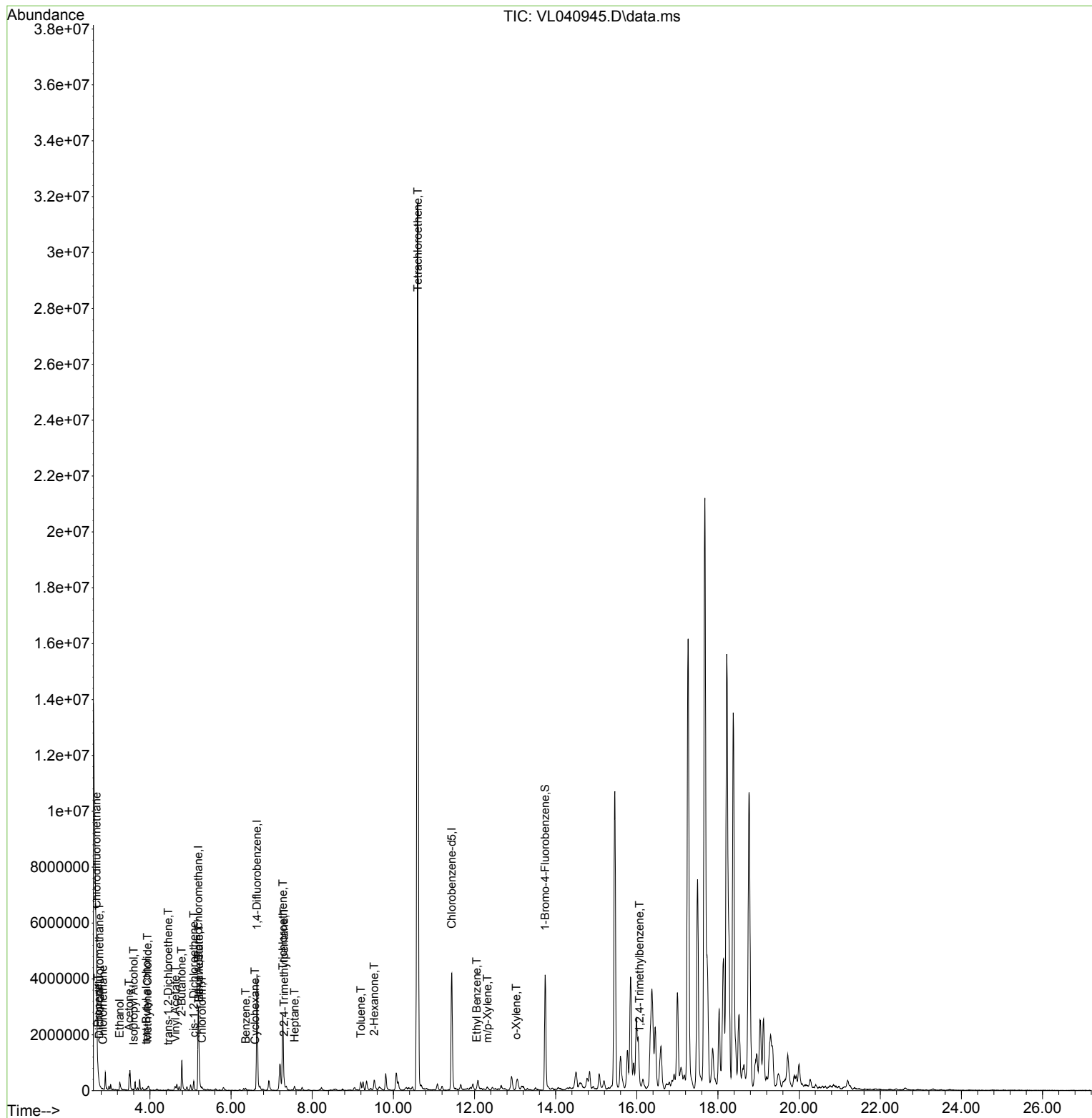
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL122123\  
Data File : VL040945.D  
Acq On : 22 Dec 2023 00:49  
Operator : SY/MD  
Sample : 05848-03 4X  
Misc : 400mL/MSVOA\_L  
ALS Vial : 1 Sample Multiplier: 1

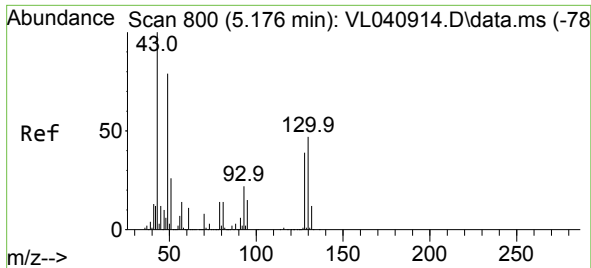
Instrument :  
MSVOA\_L  
ClientSampleId :  
SV4

Quant Time: Dec 22 03:41:40 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL122023AIR.M  
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug  
QLast Update : Thu Dec 21 07:32:42 2023  
Response via : Initial Calibration

Manual Integrations  
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Supervised By :Mahesh Dadoda 12/26/2023





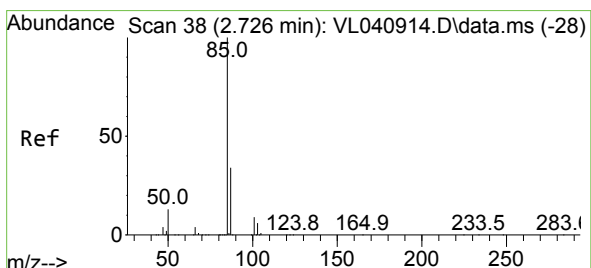
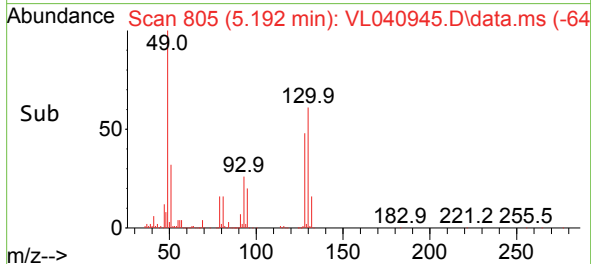
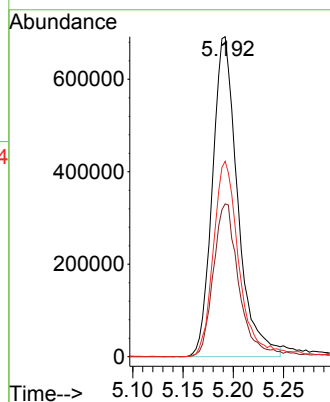
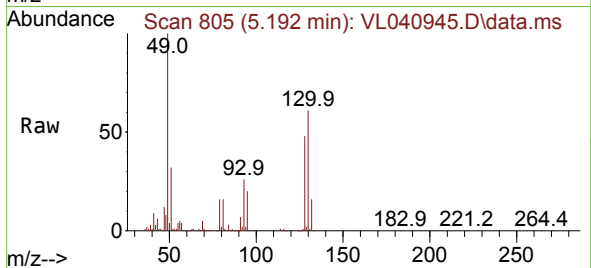
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Bromochloromethane  
Concen: 10.000 ppbv  
RT: 5.192 min Scan# 80  
Delta R.T. 0.016 min  
Lab File: VL040945.D  
Acq: 22 Dec 2023 00:49

Instrument :  
MSVOA\_L  
ClientSampleId :  
SV4

Tgt Ion: 49 Resp: 121017  
Ion Ratio Lower Upper  
49 100  
128 50.1 23.8 71.2  
130 63.8 30.1 90.5

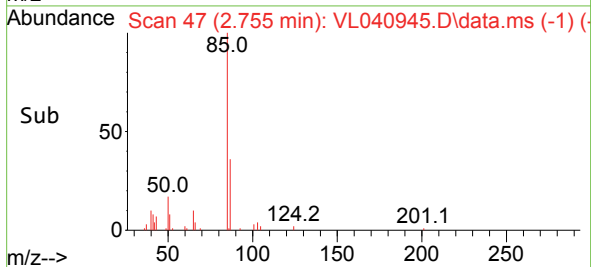
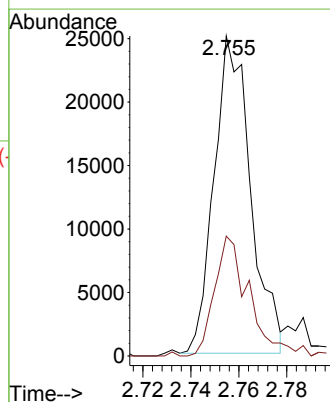
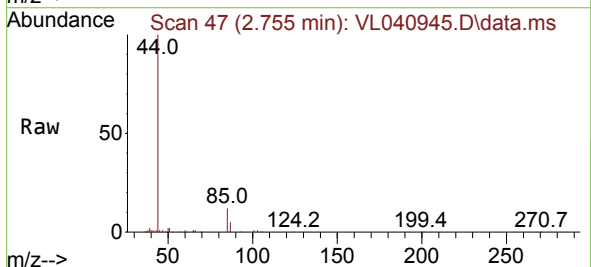
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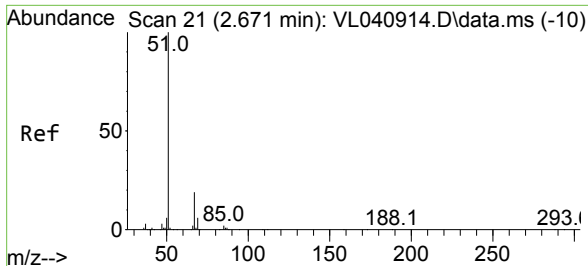
Reviewed By :Semsettin Yesilyurt 12/22/2023  
Supervised By :Mahesh Dadoda 12/26/2023



#2  
Dichlorodifluoromethane  
Concen: 0.115 ppbv  
RT: 2.755 min Scan# 47  
Delta R.T. 0.029 min  
Lab File: VL040945.D  
Acq: 22 Dec 2023 00:49

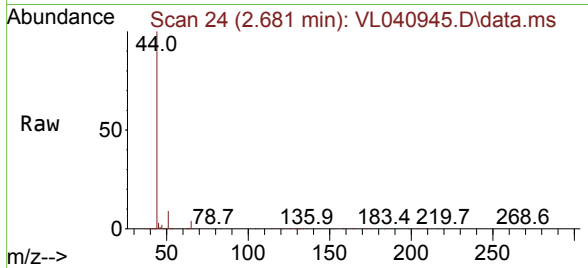
Tgt Ion: 85 Resp: 26418  
Ion Ratio Lower Upper  
85 100  
87 37.8 27.0 40.6





#3  
Chlorodifluoromethane  
Concen: 2.447 ppbv  
RT: 2.681 min Scan# 24  
Delta R.T. 0.010 min  
Lab File: VL040945.D  
Acq: 22 Dec 2023 00:49

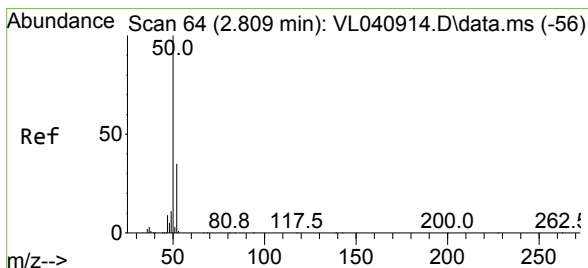
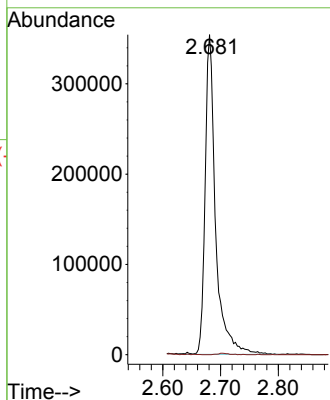
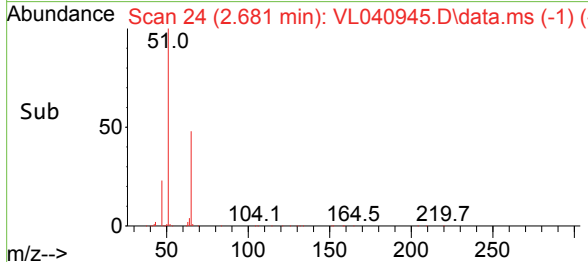
Instrument :  
MSVOA\_L  
ClientSampleId :  
SV4



Tgt Ion: 51 Resp: 445620  
Ion Ratio Lower Upper  
51 100  
67 0.5 14.7 22.1

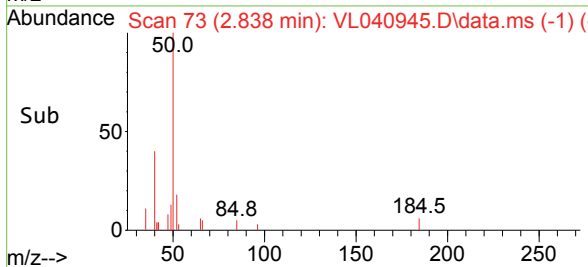
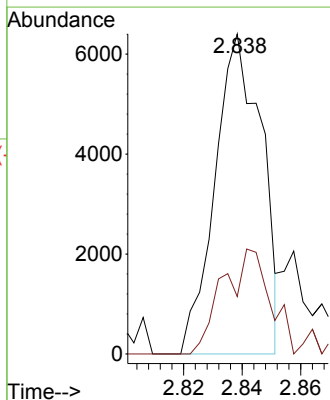
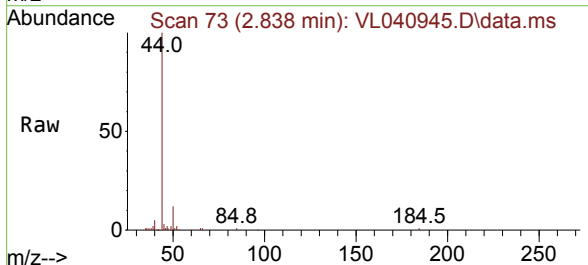
Manual Integrations  
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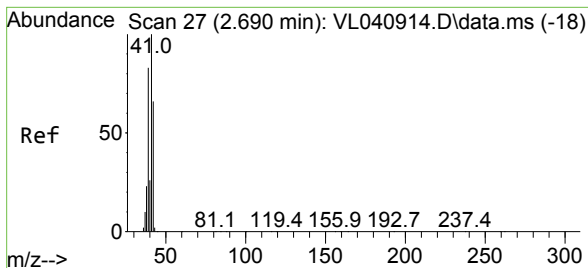
Reviewed By :Semsettin Yesilyurt 12/22/2023  
Supervised By :Mahesh Dadoda 12/26/2023



#4  
Chloromethane  
Concen: 0.106 ppbv m  
RT: 2.838 min Scan# 73  
Delta R.T. 0.029 min  
Lab File: VL040945.D  
Acq: 22 Dec 2023 00:49

Tgt Ion: 50 Resp: 7090  
Ion Ratio Lower Upper  
50 100  
52 17.9 28.0 42.0





#9

Propene

Concen: 0.519 ppbv m

RT: 2.726 min Scan# 31

Delta R.T. 0.036 min

Lab File: VL040945.D

Acq: 22 Dec 2023 00:49

Instrument :

MSVOA\_L

ClientSampleId :

SV4

Tgt Ion: 41 Resp: 3121

Ion Ratio Lower Upper

41 100

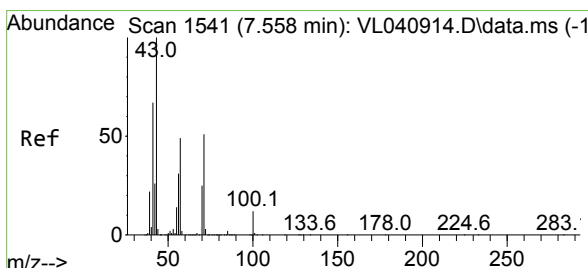
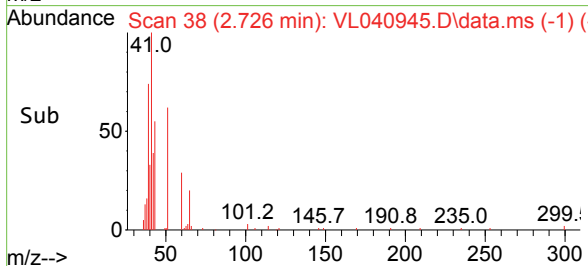
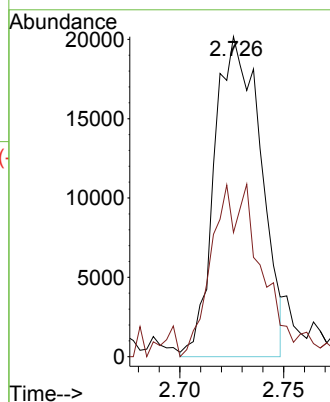
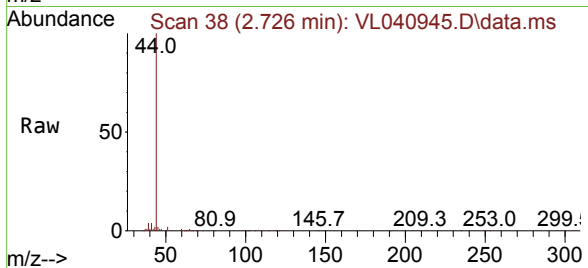
42 0.0 55.8 83.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/22/2023

Supervised By :Mahesh Dadoda 12/26/2023



#10

Heptane

Concen: 0.432 ppbv m

RT: 7.565 min Scan# 1543

Delta R.T. 0.007 min

Lab File: VL040945.D

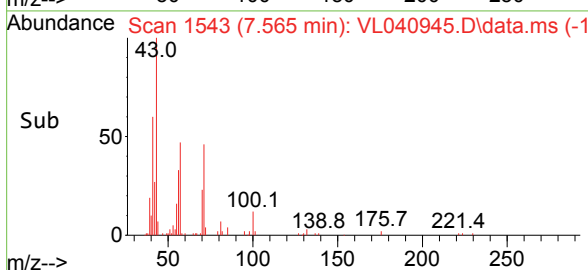
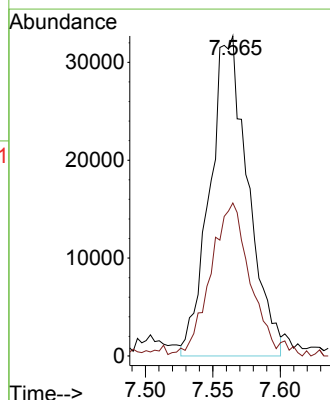
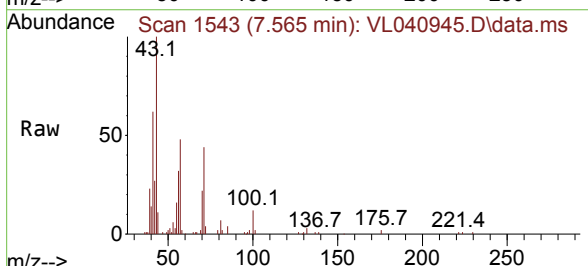
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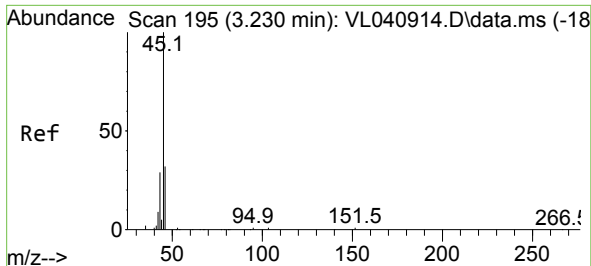
Tgt Ion: 43 Resp: 64537

Ion Ratio Lower Upper

43 100

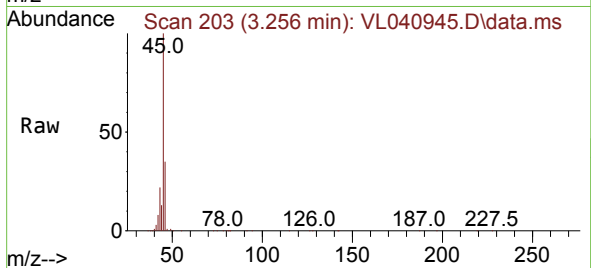
57 52.1 39.3 58.9





#13  
Ethanol  
Concen: 21.550 ppbv  
RT: 3.256 min Scan# 20  
Delta R.T. 0.026 min  
Lab File: VL040945.D  
Acq: 22 Dec 2023 00:49

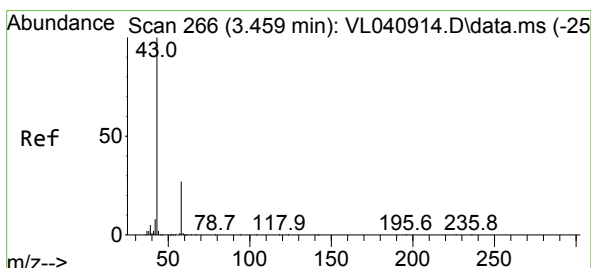
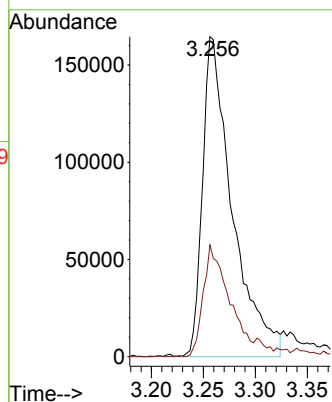
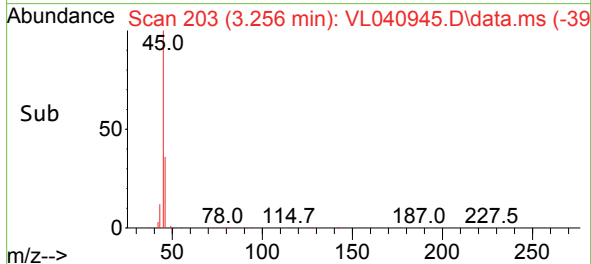
Instrument :  
MSVOA\_L  
ClientSampleId :  
SV4



Tgt Ion: 45 Resp: 32667  
Ion Ratio Lower Upper  
45 100  
46 36.8 15.0 60.0

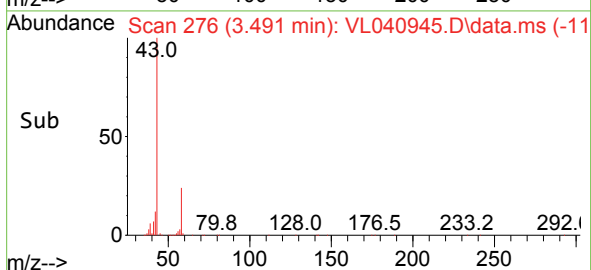
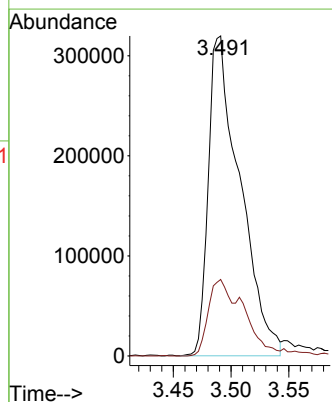
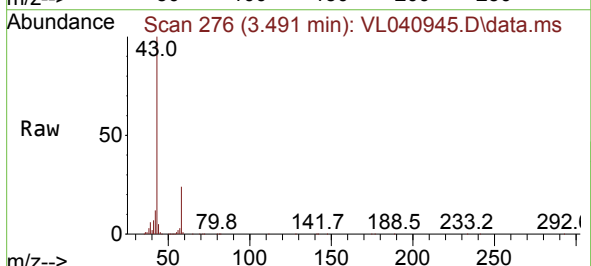
Manual Integrations  
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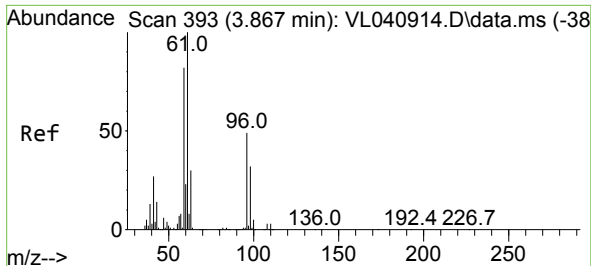
Reviewed By :Semsettin Yesilyurt 12/22/2023  
Supervised By :Mahesh Dadoda 12/26/2023



#15  
Acetone  
Concen: 4.198 ppbv  
RT: 3.491 min Scan# 276  
Delta R.T. 0.032 min  
Lab File: VL040945.D  
Acq: 22 Dec 2023 00:49

Tgt Ion: 43 Resp: 609315  
Ion Ratio Lower Upper  
43 100  
58 27.9 20.6 30.8





#17

tert-Butyl alcohol

Concen: 0.152 ppbv m

RT: 3.912 min Scan# 407

Delta R.T. 0.045 min

Lab File: VL040945.D

Acq: 22 Dec 2023 00:49

Instrument :

MSVOA\_L

ClientSampleId :

SV4

Tgt Ion: 59 Resp: 16275

Ion Ratio Lower Upper

59 100

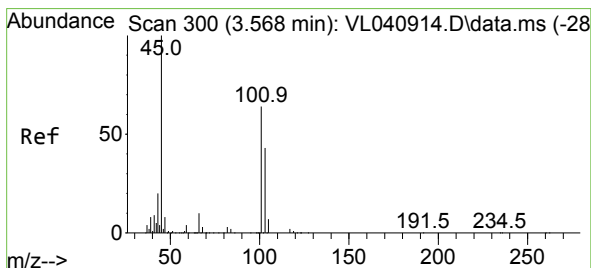
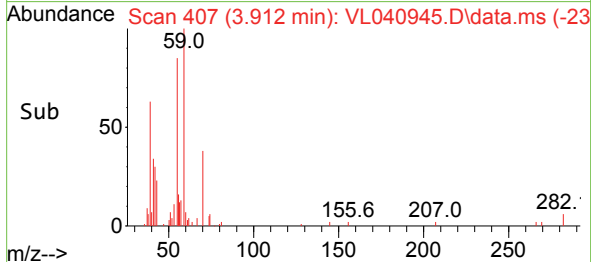
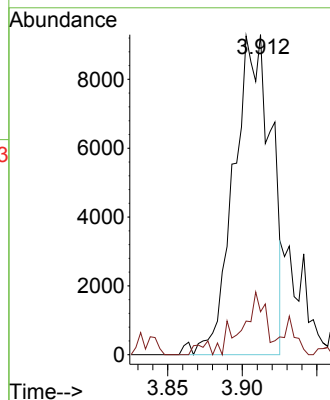
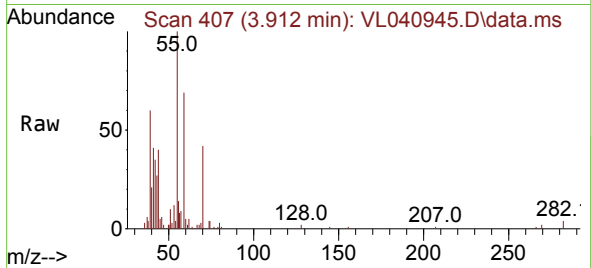
57 0.0 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/22/2023

Supervised By :Mahesh Dadoda 12/26/2023



#19

Isopropyl Alcohol

Concen: 0.286 ppbv m

RT: 3.597 min Scan# 309

Delta R.T. 0.029 min

Lab File: VL040945.D

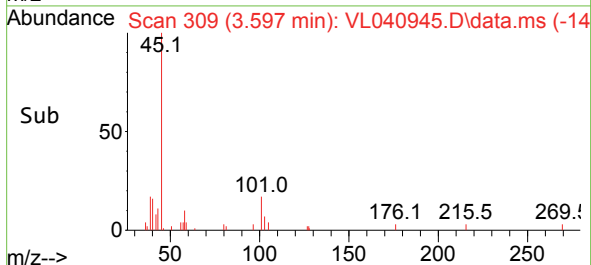
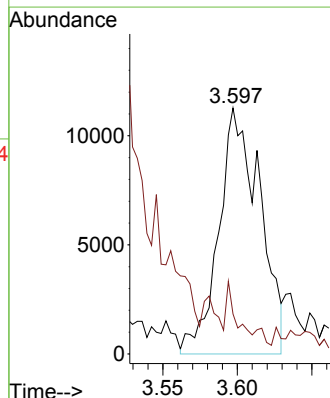
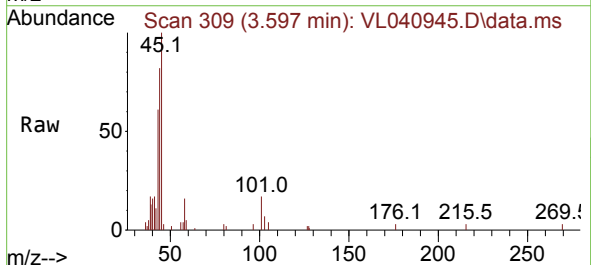
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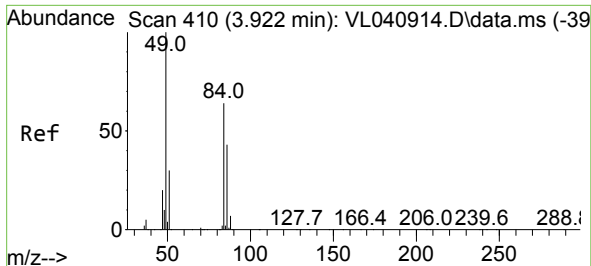
Tgt Ion: 45 Resp: 21660

Ion Ratio Lower Upper

45 100

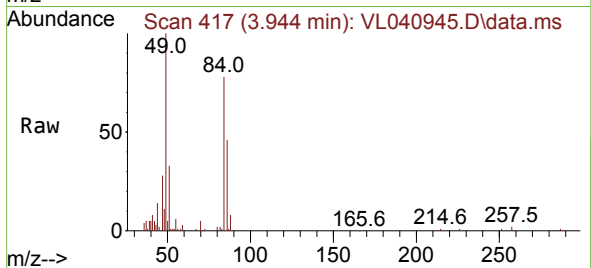
58 0.0 1.5 2.3





#20  
Methylene Chloride  
Concen: 0.704 ppbv  
RT: 3.944 min Scan# 410  
Delta R.T. 0.023 min  
Lab File: VL040945.D  
Acq: 22 Dec 2023 00:49

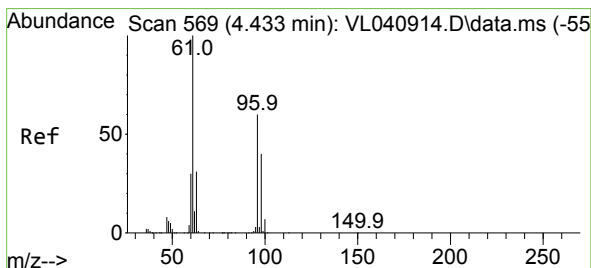
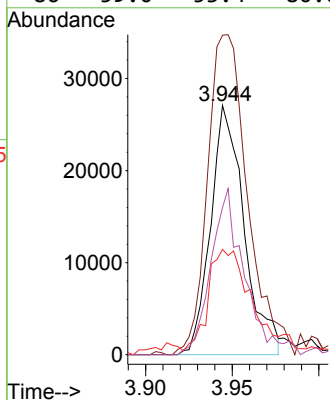
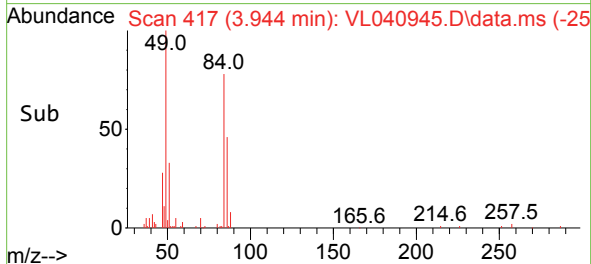
Instrument :  
MSVOA\_L  
ClientSampleId :  
SV4



Tgt Ion: 84 Resp: 3640  
Ion Ratio Lower Upper  
84 100  
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51 39.0 37.2 55.8  
86 59.0 53.4 80.0

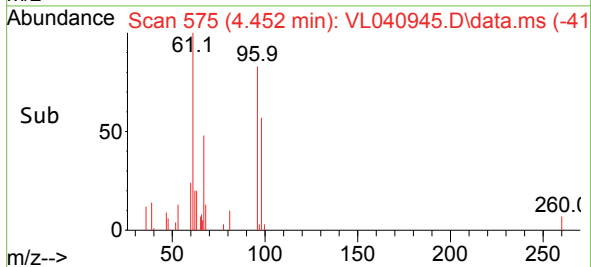
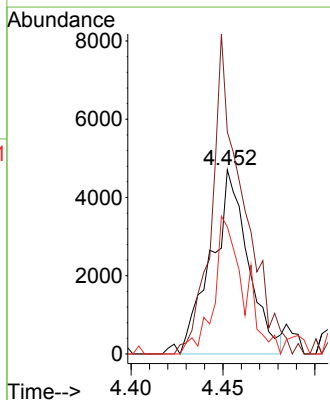
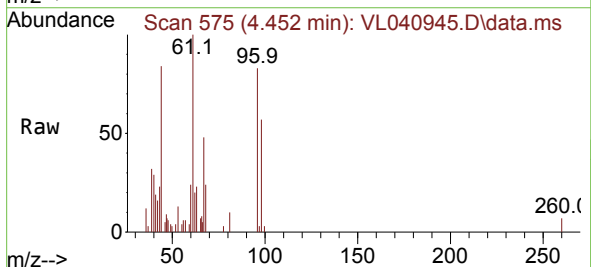
Manual Integrations  
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Supervised By :Mahesh Dadoda 12/26/2023

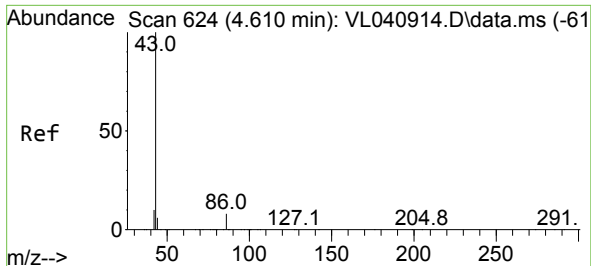


#22  
trans-1,2-Dichloroethene  
Concen: 0.099 ppbv m  
RT: 4.452 min Scan# 575  
Delta R.T. 0.020 min  
Lab File: VL040945.D  
Acq: 22 Dec 2023 00:49

Tgt Ion: 96 Resp: 6544  
Ion Ratio Lower Upper  
96 100  
61 120.6 133.0 199.6#  
98 69.0 53.7 80.5

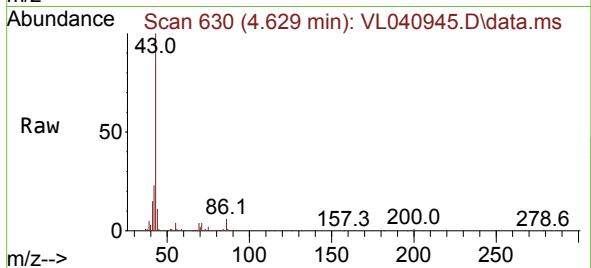






#23  
 Vinyl Acetate  
 Concen: 0.973 ppbv  
 RT: 4.629 min Scan# 61  
 Delta R.T. 0.019 min  
 Lab File: VL040945.D  
 Acq: 22 Dec 2023 00:49

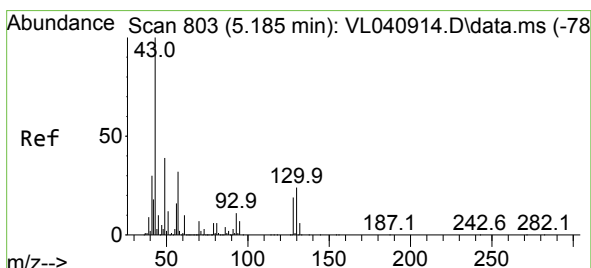
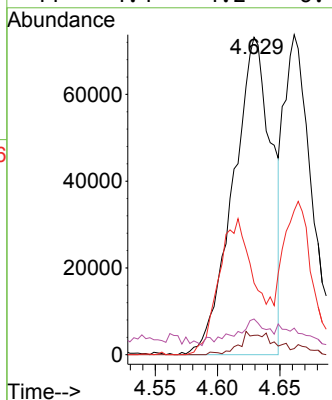
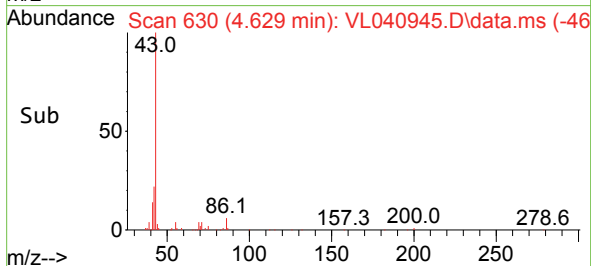
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SV4



Tgt Ion: 43 Resp: 155768  
 Ion Ratio Lower Upper  
 43 100  
 86 7.0 5.5 8.3  
 42 22.6 8.4 12.6  
 44 4.4 4.2 6.4

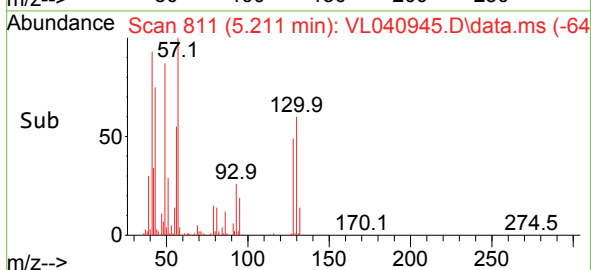
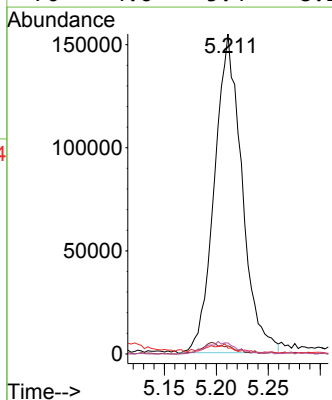
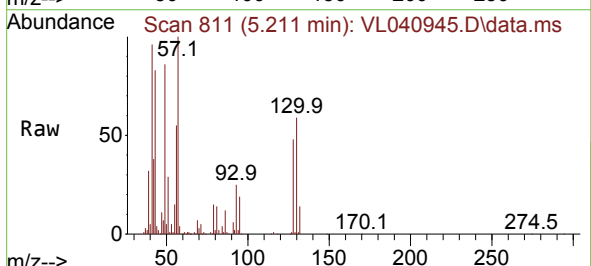
Manual Integrations  
 APPROVED

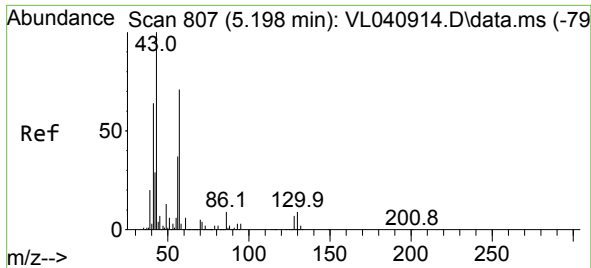
Reviewed By :Semsettin Yesilyurt 12/22/2023  
 Supervised By :Mahesh Dadoda 12/26/2023



#25  
 Ethyl Acetate  
 Concen: 1.129 ppbv  
 RT: 5.211 min Scan# 811  
 Delta R.T. 0.026 min  
 Lab File: VL040945.D  
 Acq: 22 Dec 2023 00:49

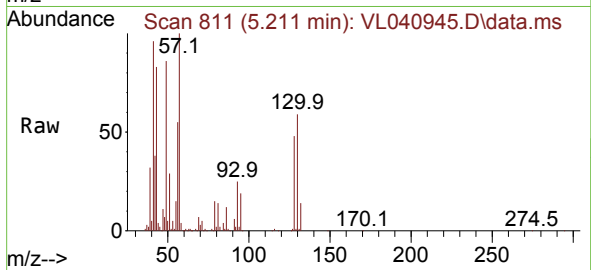
Tgt Ion: 43 Resp: 283868  
 Ion Ratio Lower Upper  
 43 100  
 45 4.0 8.2 12.2#  
 61 3.0 7.6 11.4#  
 70 4.6 5.4 8.2#





#26  
Hexane  
Concen: 2.943 ppbv  
RT: 5.211 min Scan# 811  
Delta R.T. 0.013 min  
Lab File: VL040945.D  
Acq: 22 Dec 2023 00:49

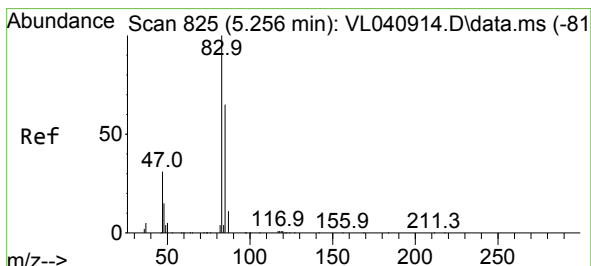
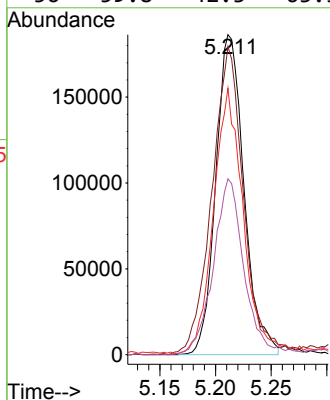
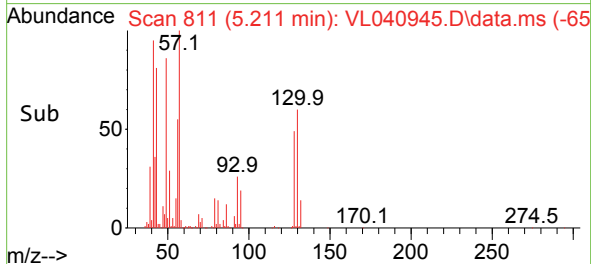
Instrument :  
MSVOA\_L  
ClientSampleId :  
SV4



Tgt Ion: 57 Resp: 32799  
Ion Ratio Lower Upper  
57 100  
41 110.6 75.2 112.8  
43 88.9 188.0 282.0  
56 59.8 42.3 63.5

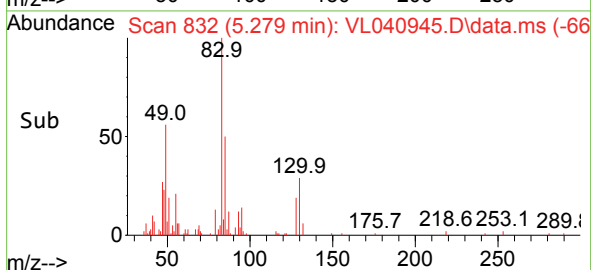
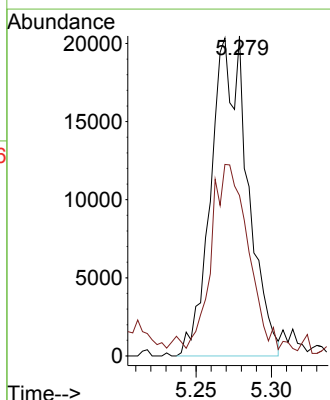
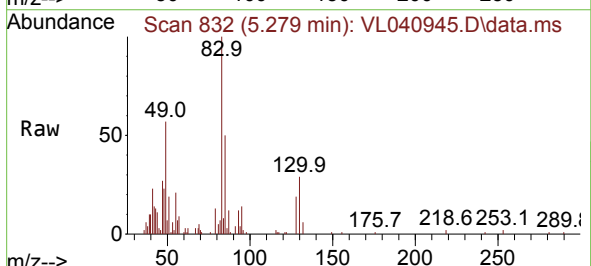
Manual Integrations  
APPROVED

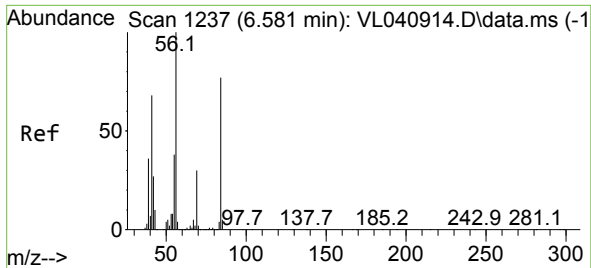
Reviewed By :Semsettin Yesilyurt 12/22/2023  
Supervised By :Mahesh Dadoda 12/26/2023



#29  
Chloroform  
Concen: 0.183 ppbv m  
RT: 5.279 min Scan# 832  
Delta R.T. 0.023 min  
Lab File: VL040945.D  
Acq: 22 Dec 2023 00:49

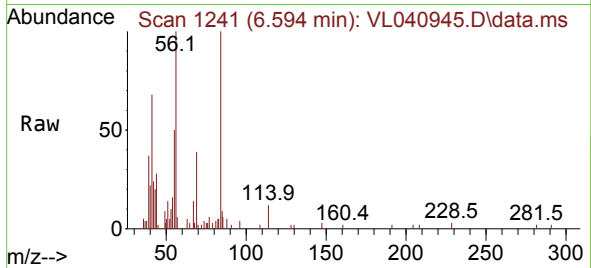
Tgt Ion: 83 Resp: 34445  
Ion Ratio Lower Upper  
83 100  
85 50.2 52.3 78.5





#30  
Cyclohexane  
Concen: 0.137 ppbv  
RT: 6.594 min Scan# 11  
Delta R.T. 0.013 min  
Lab File: VL040945.D  
Acq: 22 Dec 2023 00:49

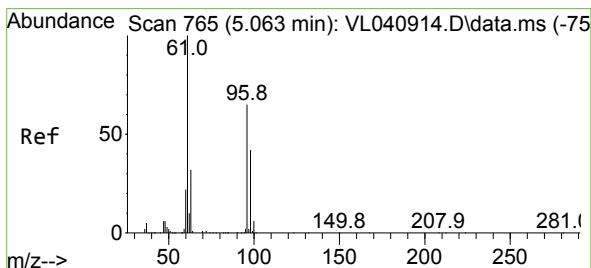
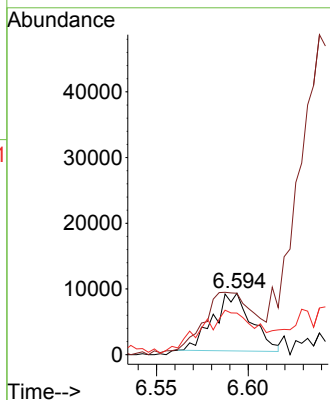
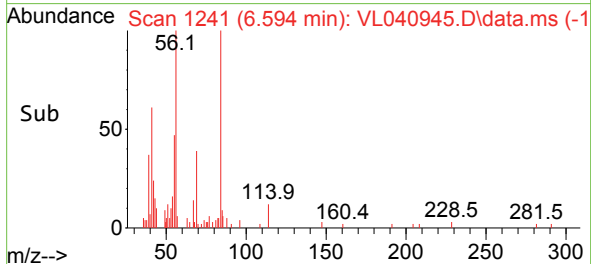
Instrument :  
MSVOA\_L  
ClientSampleId :  
SV4



Tgt Ion: 84 Resp: 12735  
Ion Ratio Lower Upper  
84 100  
56 137.5 111.4 167.2  
41 103.8 70.0 105.0

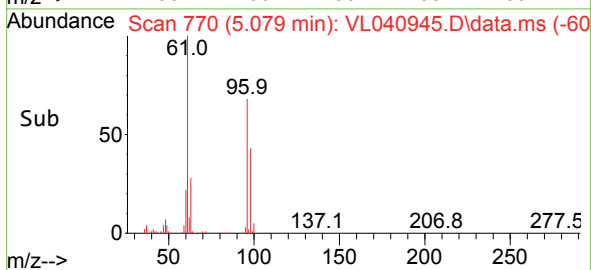
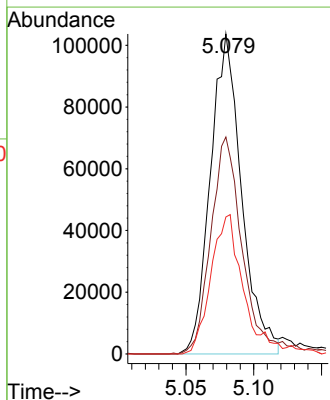
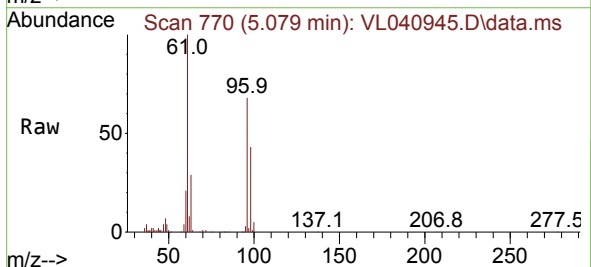
Manual Integrations  
APPROVED

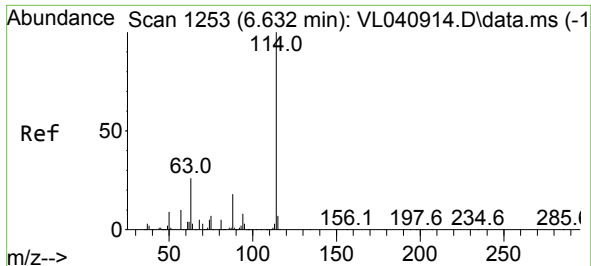
Reviewed By :Semsettin Yesilyurt 12/22/2023  
Supervised By :Mahesh Dadoda 12/26/2023



#31  
cis-1,2-Dichloroethene  
Concen: 1.449 ppbv  
RT: 5.079 min Scan# 770  
Delta R.T. 0.016 min  
Lab File: VL040945.D  
Acq: 22 Dec 2023 00:49

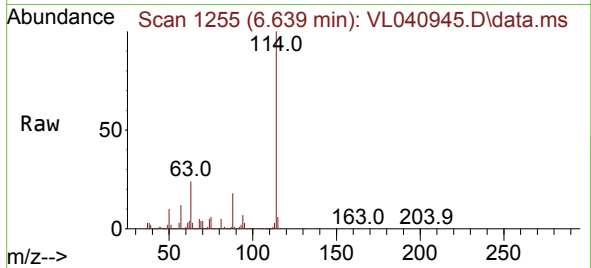
Tgt Ion: 61 Resp: 165860  
Ion Ratio Lower Upper  
61 100  
96 67.8 51.7 77.5  
98 42.8 33.2 49.8





#33  
1,4-Difluorobenzene  
Concen: 10.000 ppbv  
RT: 6.639 min Scan# 114  
Delta R.T. 0.007 min  
Lab File: VL040945.D  
Acq: 22 Dec 2023 00:49

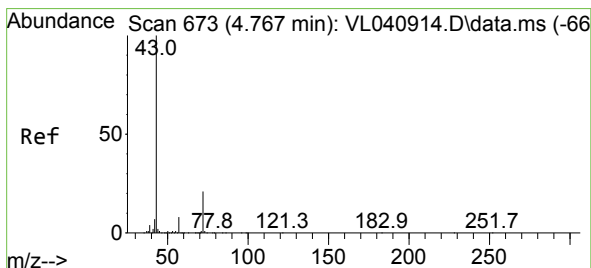
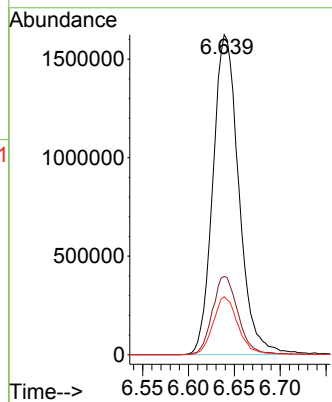
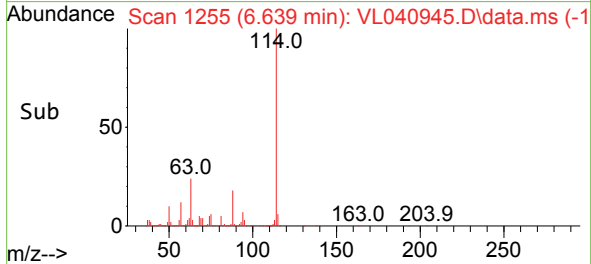
Instrument :  
MSVOA\_L  
ClientSampleId :  
SV4



Tgt Ion:114 Resp: 3179762  
Ion Ratio Lower Upper  
114 100  
63 24.7 21.0 31.6  
88 17.6 14.3 21.5

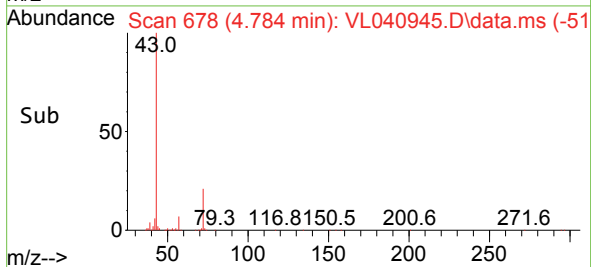
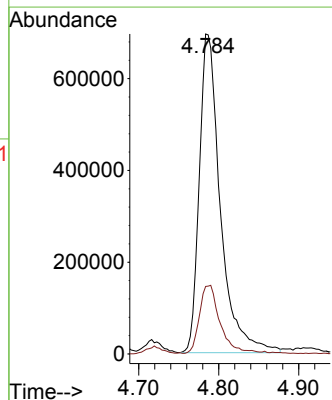
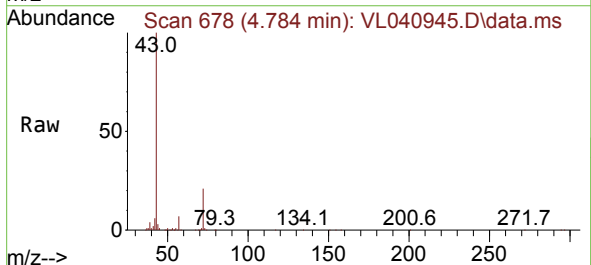
Manual Integrations  
APPROVED

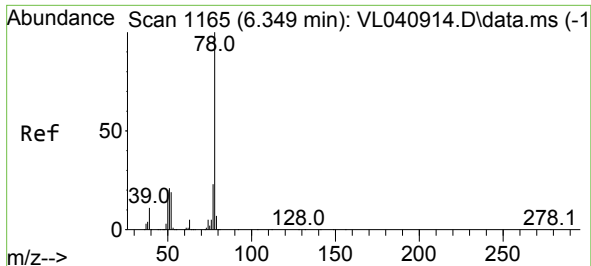
Reviewed By :Semsettin Yesilyurt 12/22/2023  
Supervised By :Mahesh Dadoda 12/26/2023



#34  
2-Butanone  
Concen: 7.581 ppbv  
RT: 4.784 min Scan# 678  
Delta R.T. 0.016 min  
Lab File: VL040945.D  
Acq: 22 Dec 2023 00:49

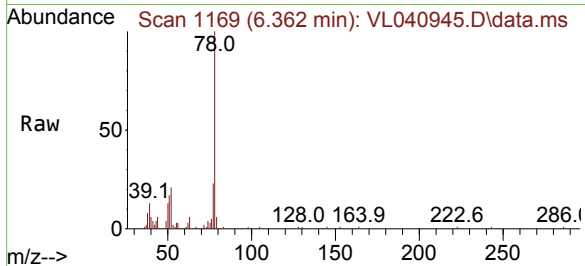
Tgt Ion: 43 Resp: 1275257  
Ion Ratio Lower Upper  
43 100  
72 21.5 17.2 25.8





#36  
Benzene  
Concen: 0.221 ppbv  
RT: 6.362 min Scan# 1169  
Delta R.T. 0.013 min  
Lab File: VL040945.D  
Acq: 22 Dec 2023 00:49

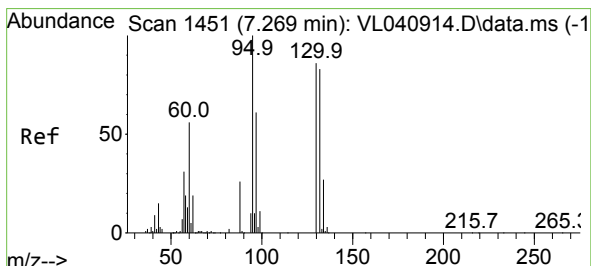
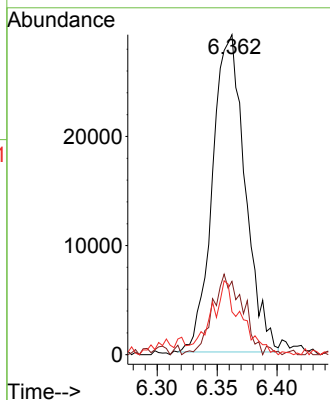
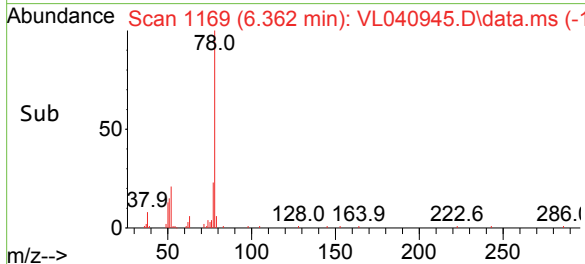
Instrument :  
MSVOA\_L  
ClientSampleId :  
SV4



Tgt Ion: 78 Resp: 55048  
Ion Ratio Lower Upper  
78 100  
77 22.0 18.4 27.6  
50 13.5 16.0 24.0

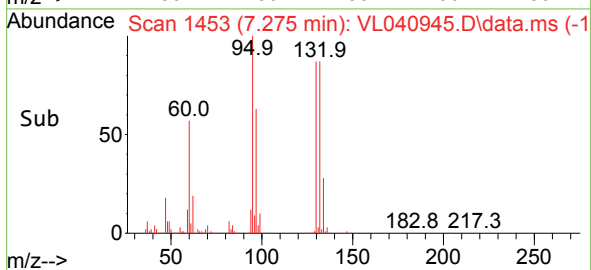
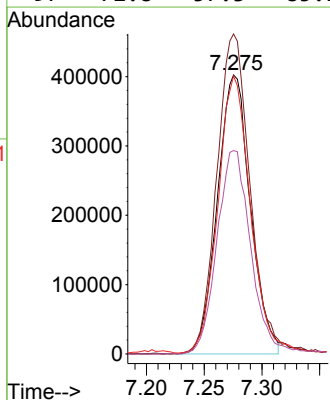
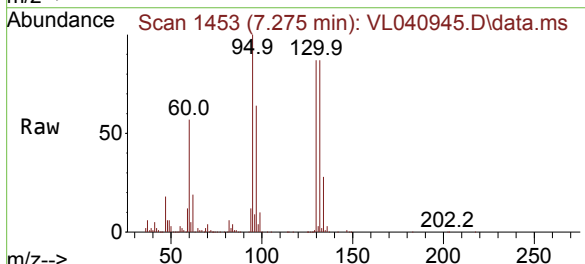
Manual Integrations  
APPROVED

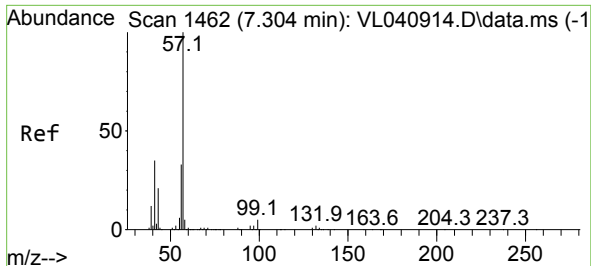
Reviewed By :Semsettin Yesilyurt 12/22/2023  
Supervised By :Mahesh Dadoda 12/26/2023



#38  
Trichloroethene  
Concen: 8.567 ppbv  
RT: 7.275 min Scan# 1453  
Delta R.T. 0.007 min  
Lab File: VL040945.D  
Acq: 22 Dec 2023 00:49

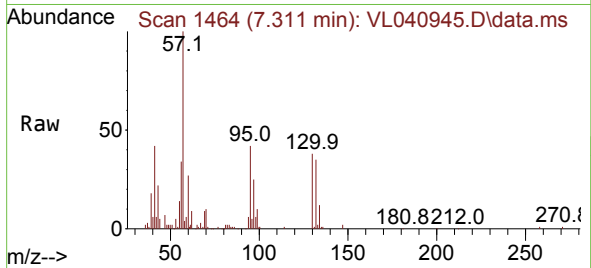
Tgt Ion:130 Resp: 799817  
Ion Ratio Lower Upper  
130 100  
95 114.6 93.5 140.3  
132 99.3 77.4 116.2  
97 72.8 57.3 85.9





#44  
2,2,4-Trimethylpentane  
Concen: 0.306 ppbv  
RT: 7.311 min Scan# 1464  
Delta R.T. 0.007 min  
Lab File: VL040945.D  
Acq: 22 Dec 2023 00:49

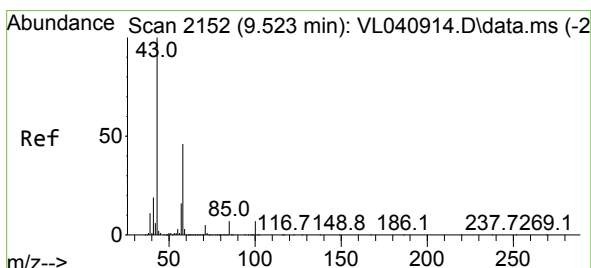
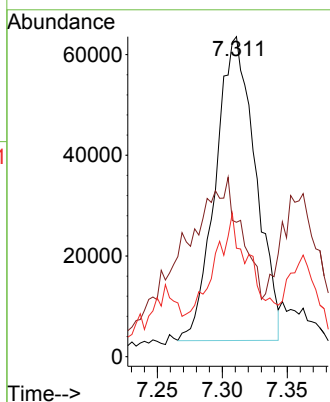
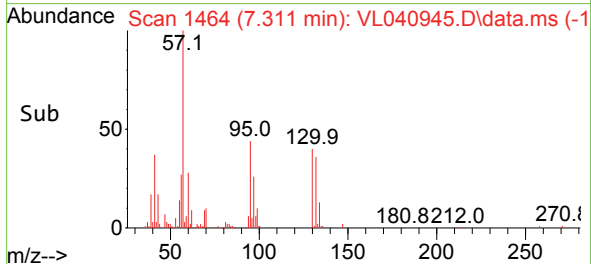
Instrument :  
MSVOA\_L  
ClientSampleId :  
SV4



Tgt Ion: 57 Resp: 129110  
Ion Ratio Lower Upper  
57 100  
41 102.6 28.2 42.4  
56 51.5 25.3 37.9

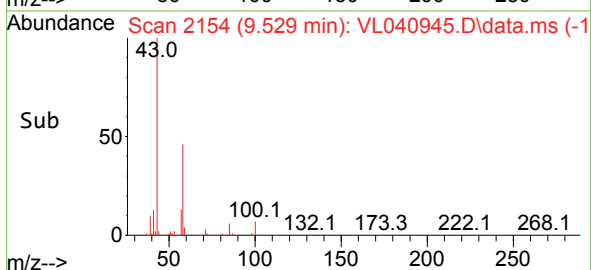
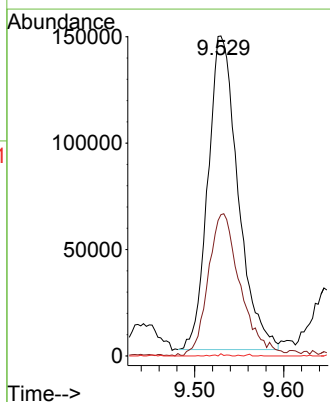
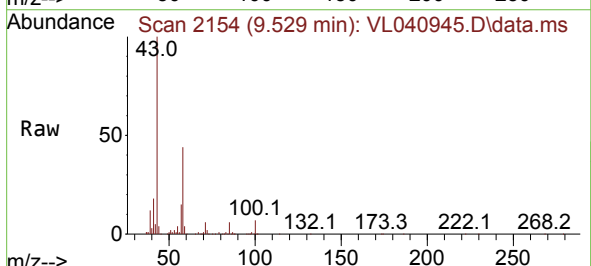
Manual Integrations  
APPROVED

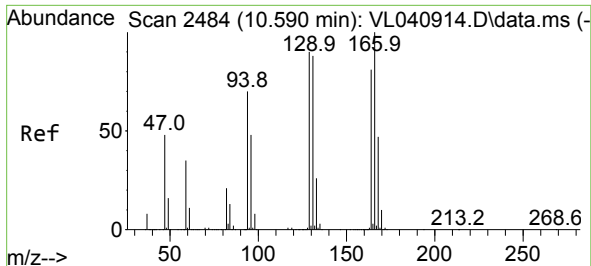
Reviewed By :Semsettin Yesilyurt 12/22/2023  
Supervised By :Mahesh Dadoda 12/26/2023



#51  
2-Hexanone  
Concen: 1.885 ppbv  
RT: 9.529 min Scan# 2154  
Delta R.T. 0.007 min  
Lab File: VL040945.D  
Acq: 22 Dec 2023 00:49

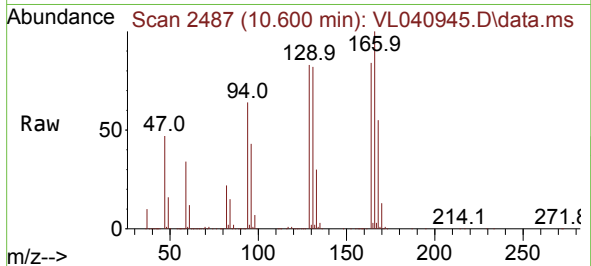
Tgt Ion: 43 Resp: 345591  
Ion Ratio Lower Upper  
43 100  
58 49.2 37.3 55.9  
98 0.2 0.2 0.2





#52  
Tetrachloroethene  
Concen: 107.331 ppbv  
RT: 10.600 min Scan# 2484  
Delta R.T. 0.010 min  
Lab File: VL040945.D  
Acq: 22 Dec 2023 00:49

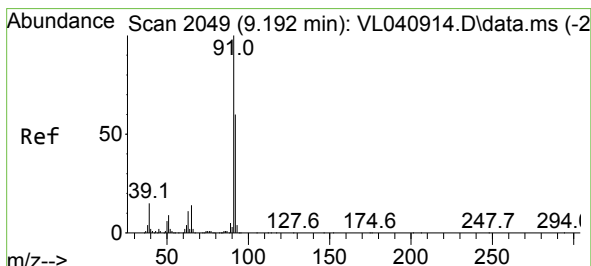
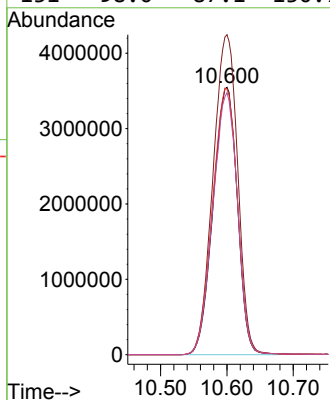
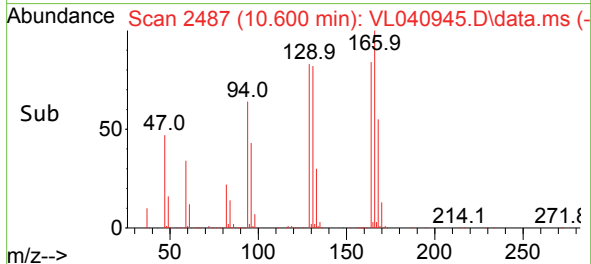
Instrument :  
MSVOA\_L  
ClientSampleId :  
SV4



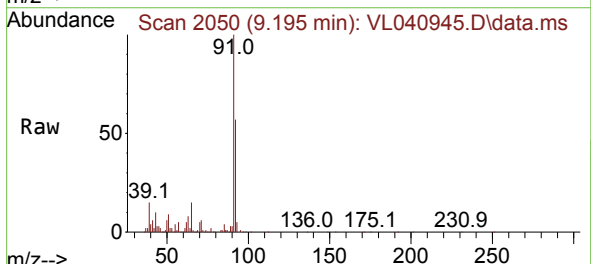
Tgt Ion:164 Resp: 898736  
Ion Ratio Lower Upper  
164 100  
166 119.7 98.9 148.3  
129 99.4 88.7 133.1  
131 98.0 87.1 130.7

Manual Integrations  
APPROVED

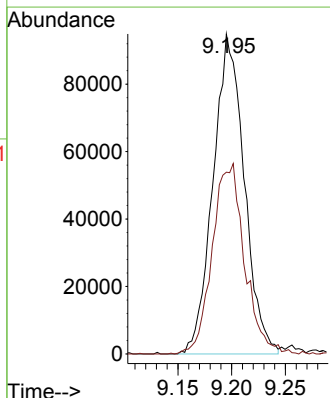
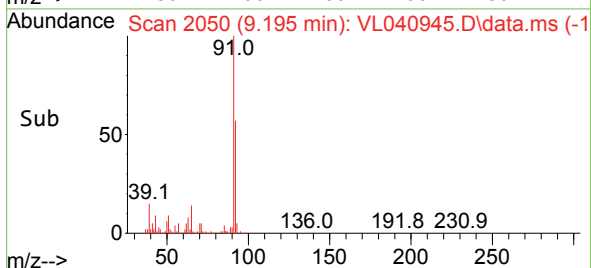
Reviewed By :Semsettin Yesilyurt 12/22/2023  
Supervised By :Mahesh Dadoda 12/26/2023

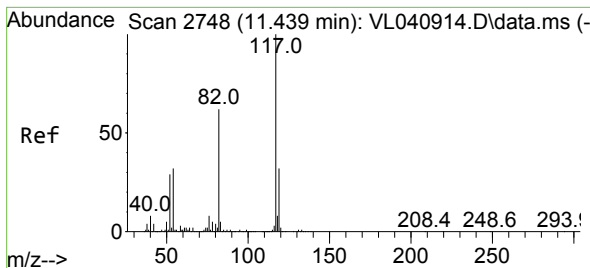


#53  
Toluene  
Concen: 0.693 ppbv  
RT: 9.195 min Scan# 2050  
Delta R.T. 0.003 min  
Lab File: VL040945.D  
Acq: 22 Dec 2023 00:49



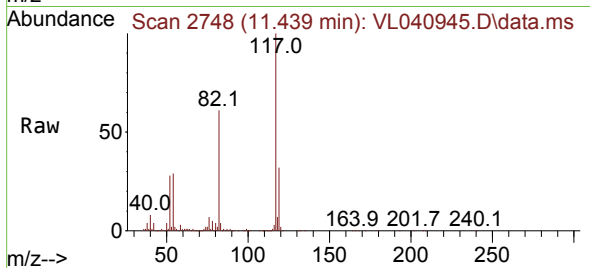
Tgt Ion: 91 Resp: 191025  
Ion Ratio Lower Upper  
91 100  
92 61.6 49.2 73.8





#55  
Chlorobenzene-d5  
Concen: 10.000 ppbv  
RT: 11.439 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VL040945.D  
Acq: 22 Dec 2023 00:49

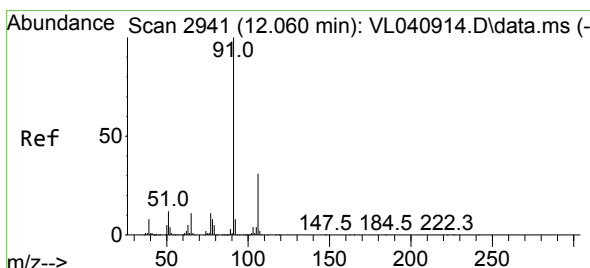
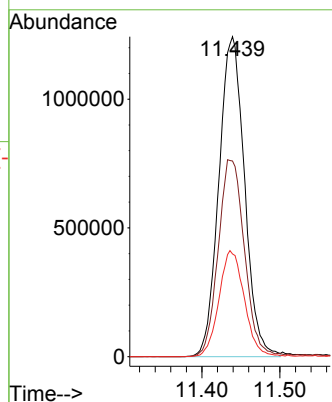
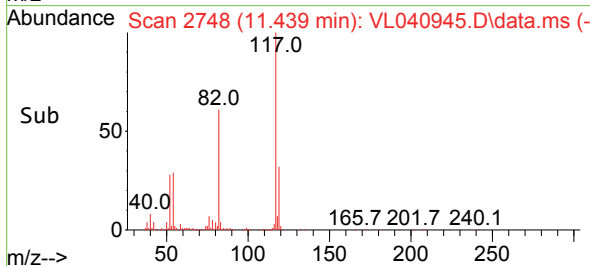
Instrument :  
MSVOA\_L  
ClientSampleId :  
SV4



Tgt Ion:117 Resp: 283986  
Ion Ratio Lower Upper  
117 100  
82 64.2 49.6 74.4  
119 33.0 23.4 35.0

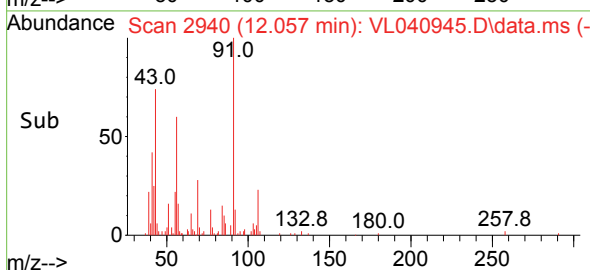
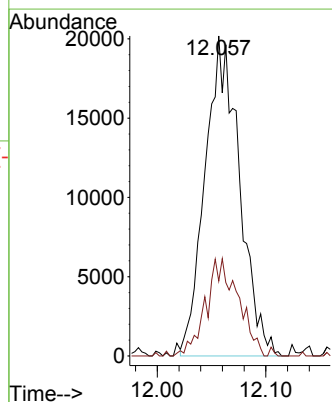
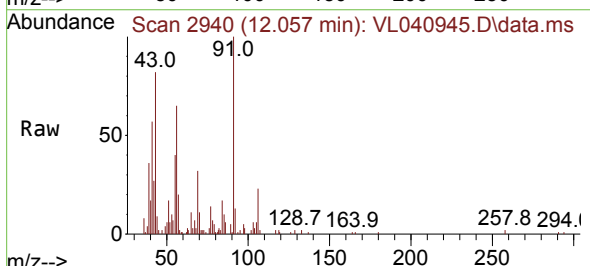
Manual Integrations  
APPROVED

Reviewed By :Semsettin Yesilyurt 12/22/2023  
Supervised By :Mahesh Dadoda 12/26/2023

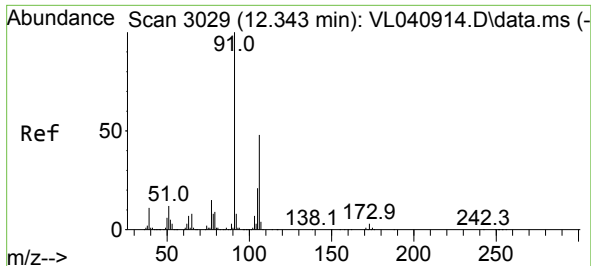


#58  
Ethyl Benzene  
Concen: 0.122 ppbv m  
RT: 12.057 min Scan# 2940  
Delta R.T. -0.003 min  
Lab File: VL040945.D  
Acq: 22 Dec 2023 00:49

Tgt Ion: 91 Resp: 44478  
Ion Ratio Lower Upper  
91 100  
106 23.4 24.9 37.3#







#59

m/p-Xylene

Concen: 0.329 ppbv m

RT: 12.317 min Scan# 3021

Delta R.T. -0.026 min

Lab File: VL040945.D

Acq: 22 Dec 2023 00:49

Instrument :

MSVOA\_L

ClientSampleId :

SV4

Tgt Ion: 91 Resp: 102130

Ion Ratio Lower Upper

91 100

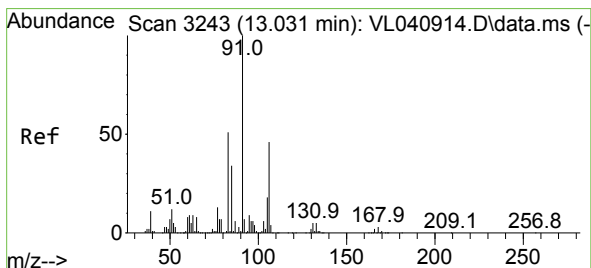
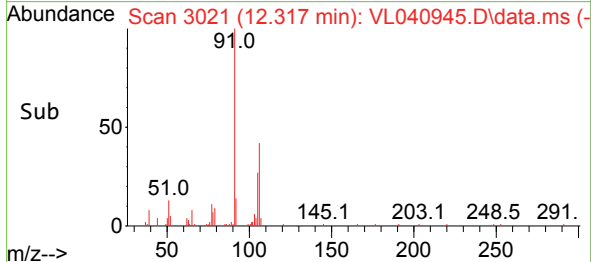
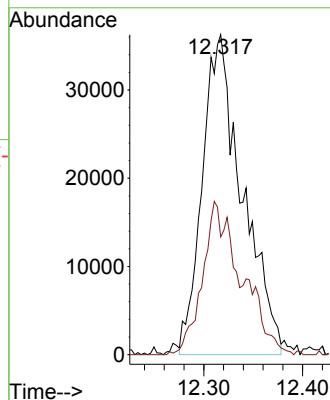
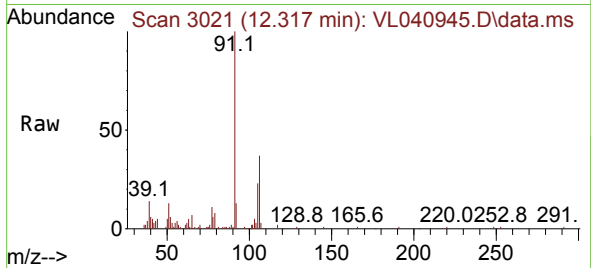
106 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/22/2023

Supervised By :Mahesh Dadoda 12/26/2023



#60

o-Xylene

Concen: 0.151 ppbv

RT: 13.028 min Scan# 3242

Delta R.T. -0.003 min

Lab File: VL040945.D

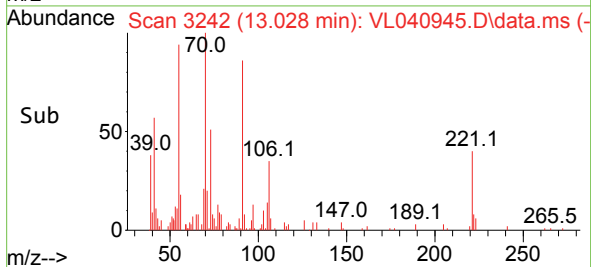
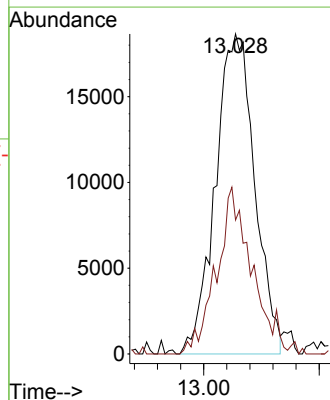
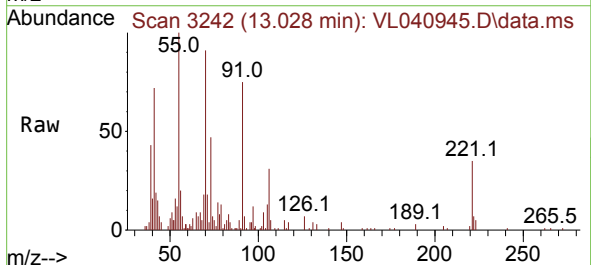
Acq: 22 Dec 2023 00:49

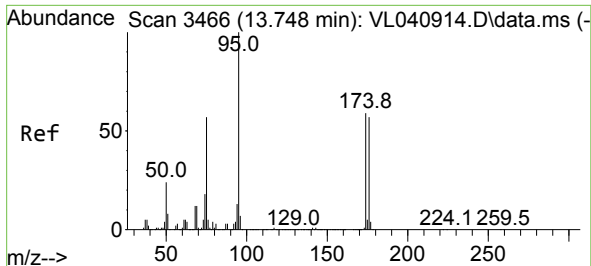
Tgt Ion: 91 Resp: 44091

Ion Ratio Lower Upper

91 100

106 47.2 22.6 67.7





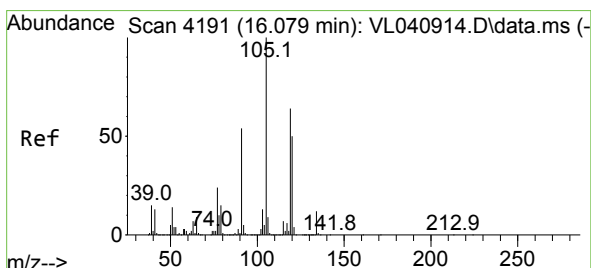
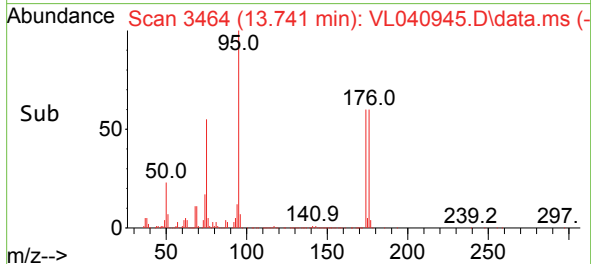
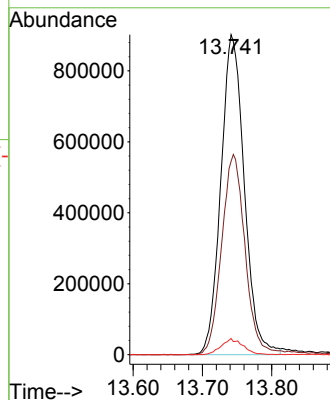
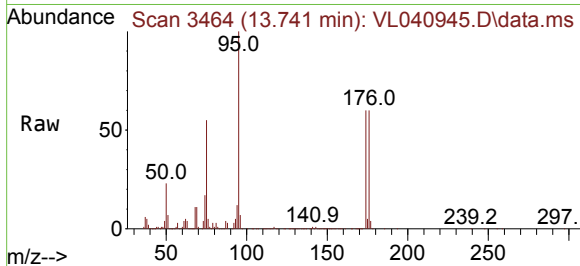
#68  
1-Bromo-4-Fluorobenzene  
Concen: 10.149 ppbv  
RT: 13.741 min Scan# 3466  
Delta R.T. -0.006 min  
Lab File: VL040945.D  
Acq: 22 Dec 2023 00:49

Instrument :  
MSVOA\_L  
ClientSampleId :  
SV4

Tgt Ion: 95 Resp: 212294  
Ion Ratio Lower Upper  
95 100  
174 63.9 48.0 72.0  
175 4.7 3.7 5.5

Manual Integrations  
APPROVED

Reviewed By :Semsettin Yesilyurt 12/22/2023  
Supervised By :Mahesh Dadoda 12/26/2023



#74  
1,2,4-Trimethylbenzene  
Concen: 0.212 ppbv m  
RT: 16.069 min Scan# 4188  
Delta R.T. -0.009 min  
Lab File: VL040945.D  
Acq: 22 Dec 2023 00:49

Tgt Ion:105 Resp: 65263  
Ion Ratio Lower Upper  
105 100  
120 41.7 40.2 60.4  
91 15.5 43.0 64.6#  
77 19.4 18.9 28.3

