

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL073124\  
 Data File : VL041463.D  
 Acq On : 31 Jul 2024 14:56  
 Operator : SY/MD  
 Sample : P3385-02  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 IA2

### Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024  
 Supervised By :Mahesh Dadoda 08/01/2024

Supervised By :Mahesh  
 Dadoda  
 08/01/2024

Quant Time: Aug 01 02:43:58 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL072524AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_LFri Aug 2  
 QLast Update : Thu Aug 01 02:36:30 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 5.201  | 49    | 1070019  | 10.000   | ppbv   | 0.00     |
| 33) 1,4-Difluorobenzene     | 6.661  | 114   | 2807215  | 10.000   | ppbv   | 0.00     |
| 55) Chlorobenzene-d5        | 11.478 | 117   | 2573217  | 10.000   | ppbv   | # 0.00   |
| System Monitoring Compounds |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene | 13.786 | 95    | 2013450  | 10.168   | ppbv   | 0.00     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =      | 101.700% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane  | 2.739  | 85    | 48659    | 0.264    | ppbv   | 96       |
| 4) Chloromethane            | 2.822  | 50    | 35775    | 0.528    | ppbv   | 100      |
| 9) Propene                  | 2.710  | 41    | 27222m   | 0.465    | ppbv   |          |
| 10) Heptane                 | 7.590  | 43    | 55513    | 0.422    | ppbv   | 88       |
| 11) Trichlorofluoromethane  | 3.568  | 101   | 34523    | 0.211    | ppbv   | 86       |
| 13) Ethanol                 | 3.250  | 45    | 767845   | 146.815  | ppbv   | 97       |
| 15) Acetone                 | 3.472  | 43    | 8930167  | 73.453   | ppbv   | 90       |
| 17) tert-Butyl alcohol      | 3.896  | 59    | 31591    | 0.285    | ppbv # | 92       |
| 19) Isopropyl Alcohol       | 3.594  | 45    | 306507   | 4.312    | ppbv # | 93       |
| 20) Methylene Chloride      | 3.941  | 84    | 2779855  | 61.316   | ppbv   | 96       |
| 26) Hexane                  | 5.221  | 57    | 1514091  | 15.112   | ppbv # | 51       |
| 31) cis-1,2-Dichloroethene  | 5.089  | 61    | 12111m   | 0.122    | ppbv   |          |
| 34) 2-Butanone              | 4.800  | 43    | 196910   | 1.450    | ppbv   | 95       |
| 35) Carbon Tetrachloride    | 6.500  | 117   | 8429     | 0.054    | ppbv # | 88       |
| 36) Benzene                 | 6.378  | 78    | 22152    | 0.108    | ppbv # | 92       |
| 38) Trichloroethene         | 7.298  | 130   | 10407m   | 0.111    | ppbv   |          |
| 43) Methyl Methacrylate     | 7.484  | 69    | 6986m    | 0.095    | ppbv   |          |
| 52) Tetrachloroethene       | 10.629 | 164   | 702476   | 8.863    | ppbv   | 98       |
| 53) Toluene                 | 9.233  | 91    | 405707   | 1.776    | ppbv   | 99       |
| 59) m/p-Xylene              | 12.352 | 91    | 36956m   | 0.144    | ppbv   |          |
| 60) o-Xylene                | 13.069 | 91    | 26115m   | 0.108    | ppbv   |          |
| 69) p-Isopropyltoluene      | 17.008 | 119   | 38738m   | 0.102    | ppbv   |          |
| 72) 4-Ethyltoluene          | 15.198 | 105   | 72173m   | 0.253    | ppbv   |          |
| 73) 1,3,5-Trimethylbenzene  | 15.359 | 105   | 43070m   | 0.175    | ppbv   |          |
| 74) 1,2,4-Trimethylbenzene  | 16.117 | 105   | 104542   | 0.366    | ppbv # | 72       |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL073124\  
Data File : VL041463.D  
Acq On : 31 Jul 2024 14:56  
Operator : SY/MD  
Sample : P3385-02  
Misc : 400mL/MSVOA\_L  
ALS Vial : 1 Sample Multiplier: 1

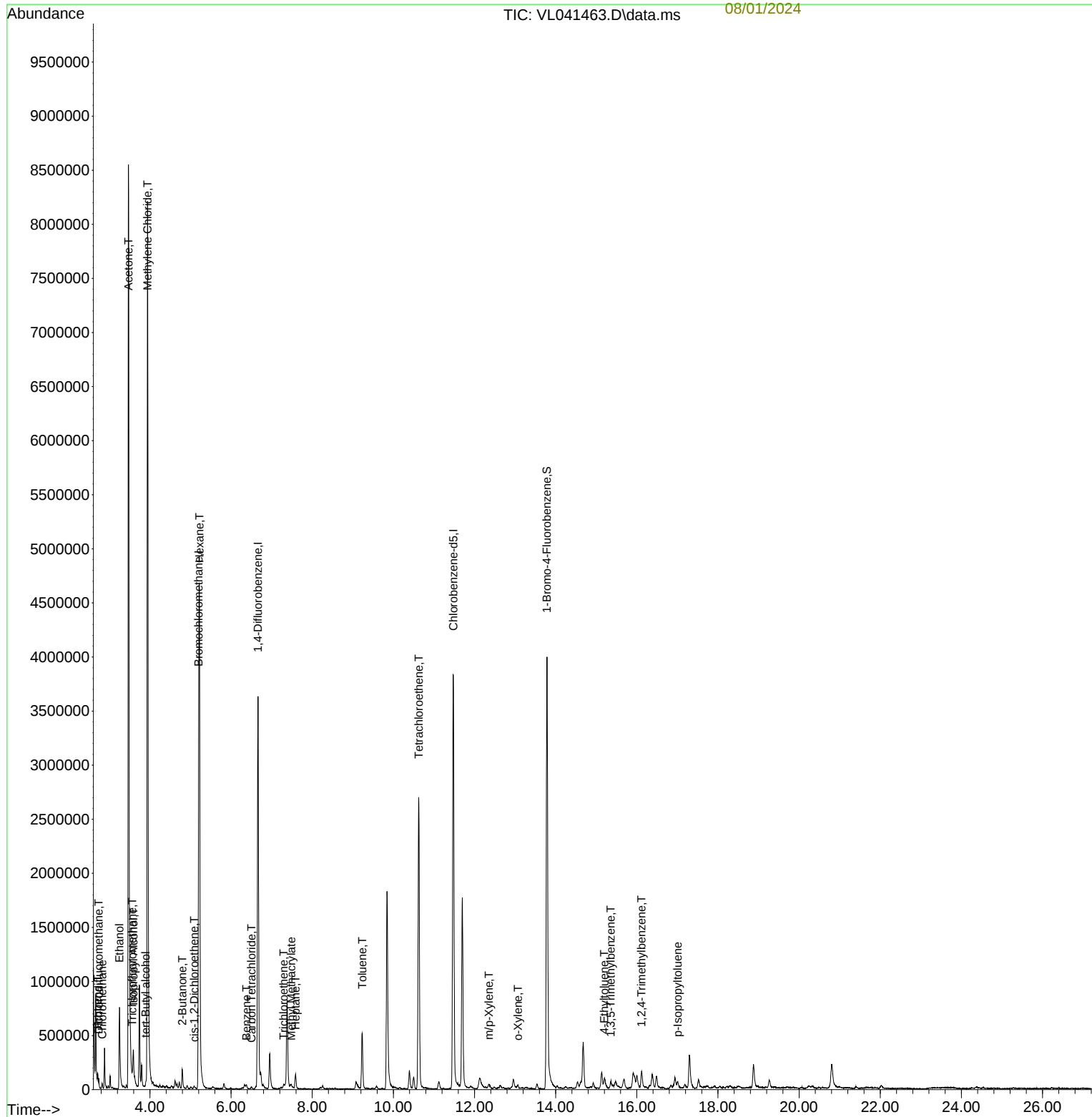
Instrument :  
MSVOA\_L  
ClientSampleId :  
IA2

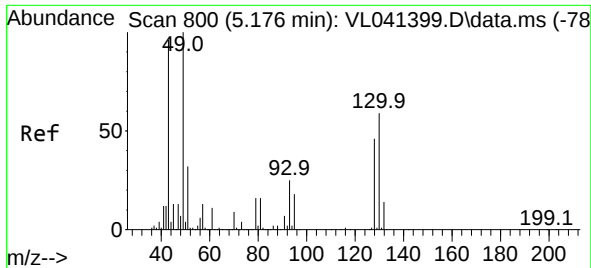
Quant Time: Aug 01 02:43:58 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL072524AIR.M  
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug  
QLast Update : Thu Aug 01 02:36:30 2024  
Response via : Initial Calibration

Manual Integrations  
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Supervised By :Mahesh Dadoda 08/01/2024

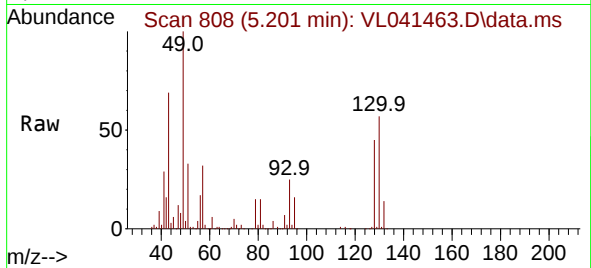
Supervised By :Mahesh  
Dadoda  
08/01/2024





#1  
Bromochloromethane  
Concen: 10.000 ppbv  
RT: 5.201 min Scan# 80  
Delta R.T. 0.006 min  
Lab File: VL041463.D  
Acq: 31 Jul 2024 14:56

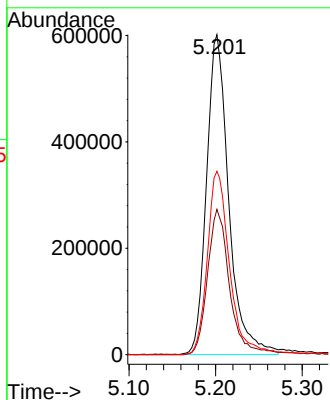
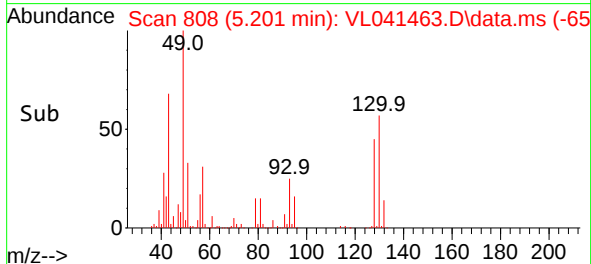
Instrument :  
MSVOA\_L  
ClientSampleId :  
IA2



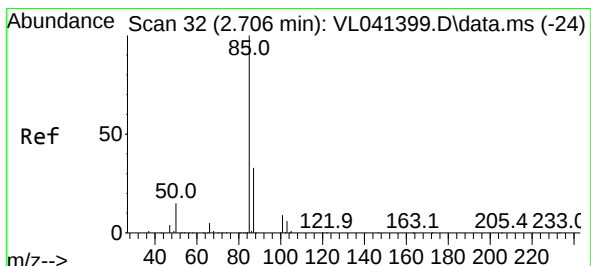
Tgt Ion: 49 Resp: 1070019  
Ion Ratio Lower Upper  
49 100  
128 45.8 23.8 71.4  
130 58.8 30.8 92.4

Manual Integrations  
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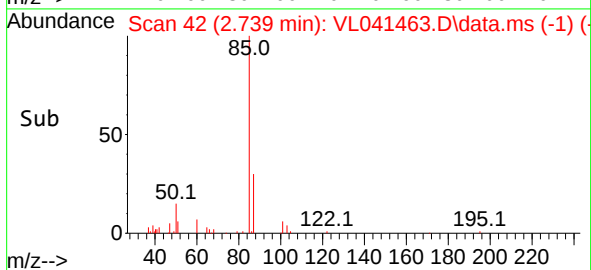
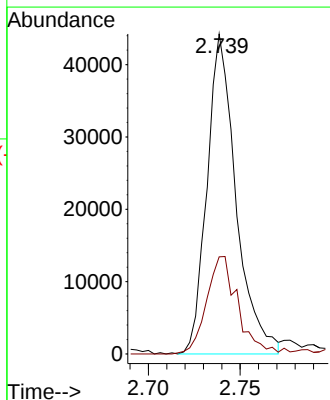
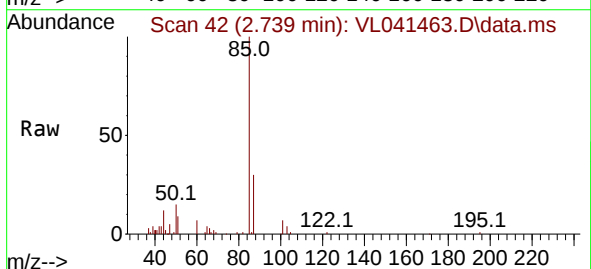


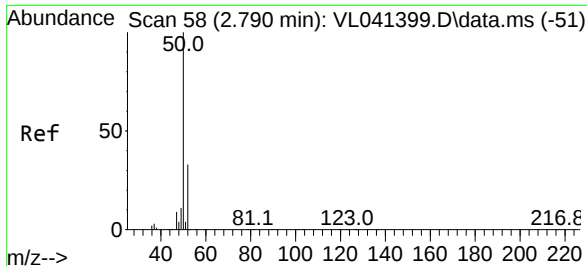
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08/01/2024



#2  
Dichlorodifluoromethane  
Concen: 0.264 ppbv  
RT: 2.739 min Scan# 42  
Delta R.T. 0.010 min  
Lab File: VL041463.D  
Acq: 31 Jul 2024 14:56

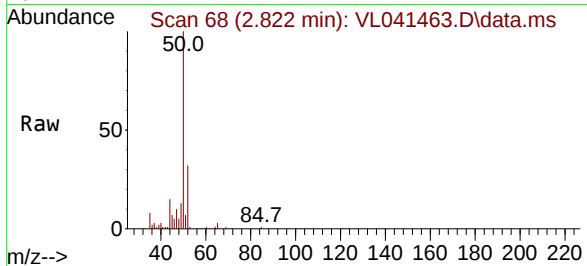
Tgt Ion: 85 Resp: 48659  
Ion Ratio Lower Upper  
85 100  
87 30.0 26.0 39.0





#4  
Chloromethane  
Concen: 0.528 ppbv  
RT: 2.822 min Scan# 61  
Delta R.T. 0.010 min  
Lab File: VL041463.D  
Acq: 31 Jul 2024 14:56

Instrument :  
MSVOA\_L  
ClientSampleId :  
IA2

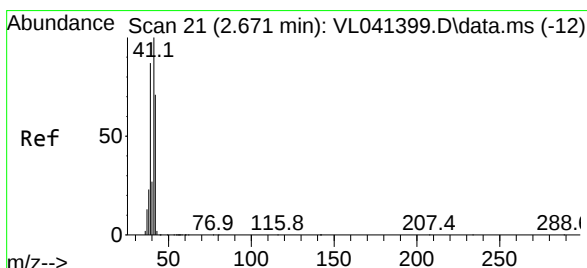
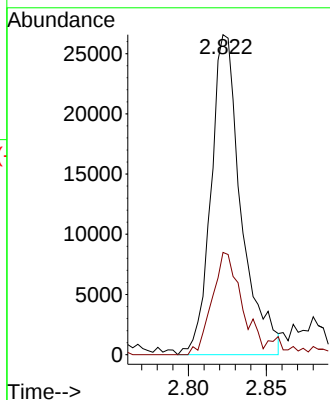
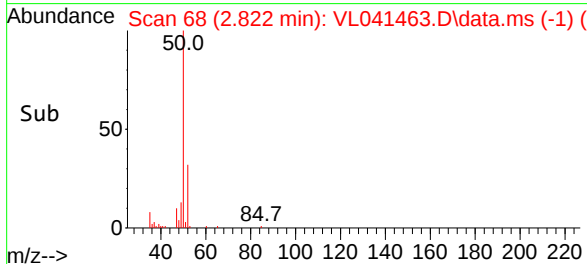


Tgt Ion: 50 Resp: 3577  
Ion Ratio Lower Upper  
50 100  
52 32.7 26.1 39.1

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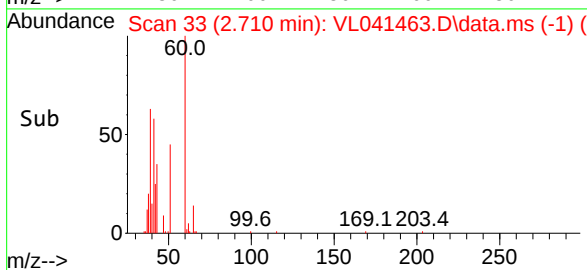
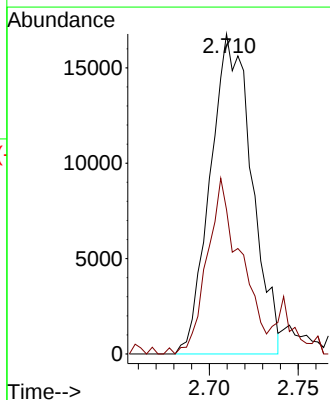
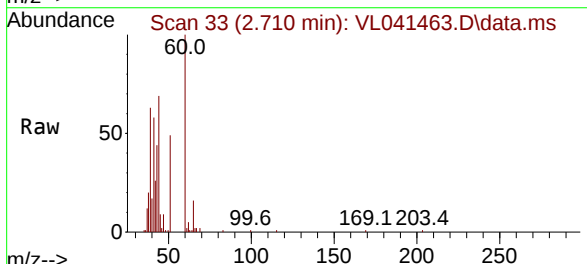
Reviewed By :Semsettin Yesilyurt 08/01/2024  
Supervised By :Mahesh Dadoda 08/01/2024

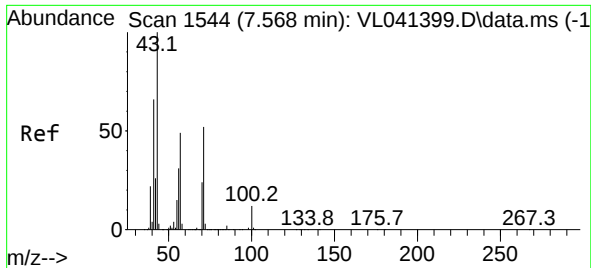
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#9  
Propene  
Concen: 0.465 ppbv m  
RT: 2.710 min Scan# 33  
Delta R.T. 0.016 min  
Lab File: VL041463.D  
Acq: 31 Jul 2024 14:56

Tgt Ion: 41 Resp: 27222  
Ion Ratio Lower Upper  
41 100  
42 53.4 55.9 83.9#





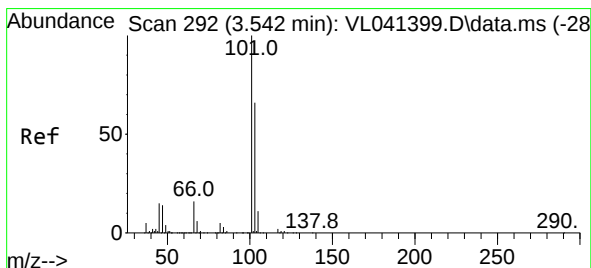
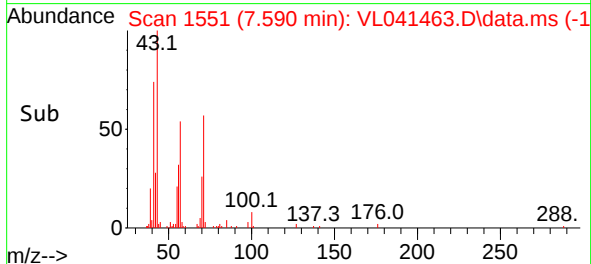
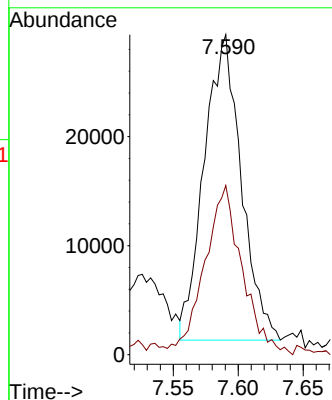
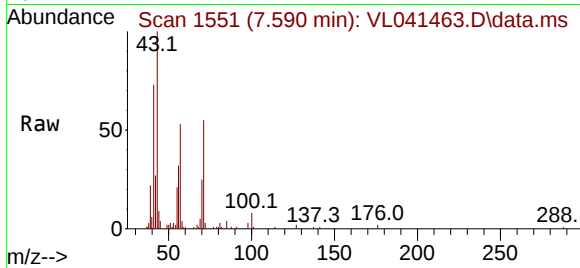
#10  
Heptane  
Concen: 0.422 ppbv  
RT: 7.590 min Scan# 11  
Delta R.T. 0.007 min  
Lab File: VL041463.D  
Acq: 31 Jul 2024 14:56

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ClientSampleId :  
IA2

Tgt Ion: 43 Resp: 5551  
Ion Ratio Lower Upper  
43 100  
57 58.9 40.5 60.7

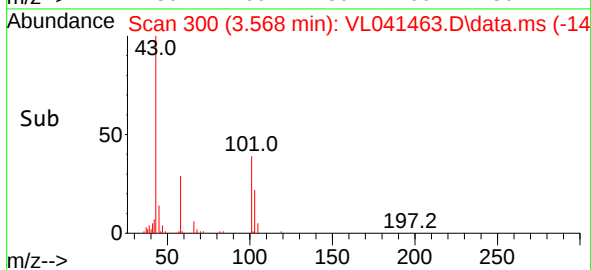
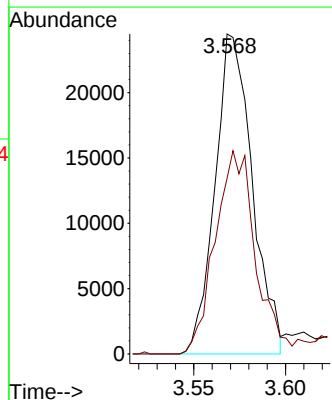
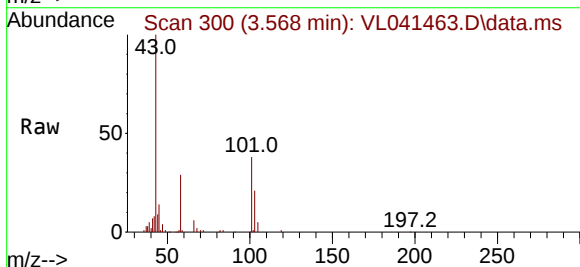
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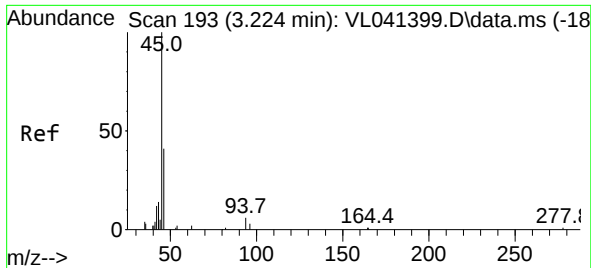
Reviewed By :Semsettin Yesilyurt 08/01/2024  
Supervised By :Mahesh Dadoda 08/01/2024



#11  
Trichlorofluoromethane  
Concen: 0.211 ppbv  
RT: 3.568 min Scan# 300  
Delta R.T. 0.003 min  
Lab File: VL041463.D  
Acq: 31 Jul 2024 14:56

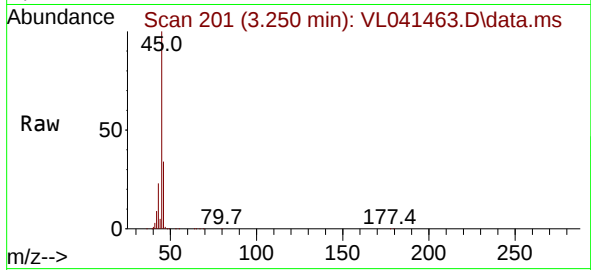
Tgt Ion:101 Resp: 34523  
Ion Ratio Lower Upper  
101 100  
103 54.9 52.6 79.0





#13  
 Ethanol  
 Concen: 146.815 ppbv  
 RT: 3.250 min Scan# 201  
 Delta R.T. 0.003 min  
 Lab File: VL041463.D  
 Acq: 31 Jul 2024 14:56

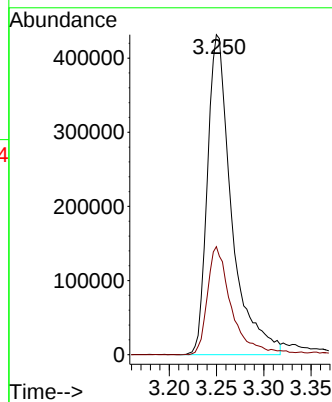
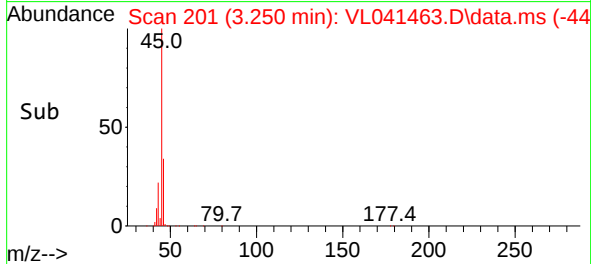
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 IA2



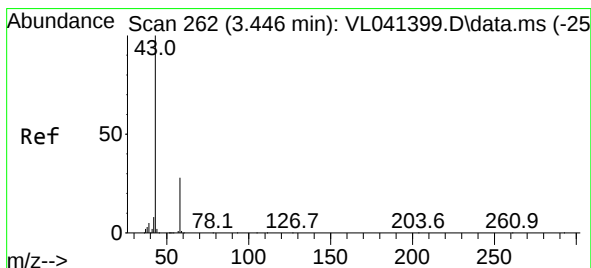
Tgt Ion: 45 Resp: 767845  
 Ion Ratio Lower Upper  
 45 100  
 46 35.0 13.4 53.4

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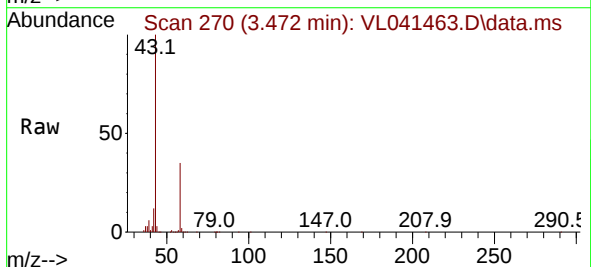
Reviewed By :Semsettin Yesilyurt 08/01/2024  
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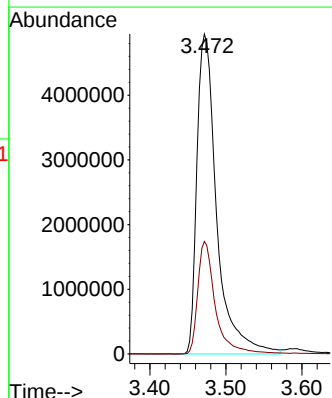
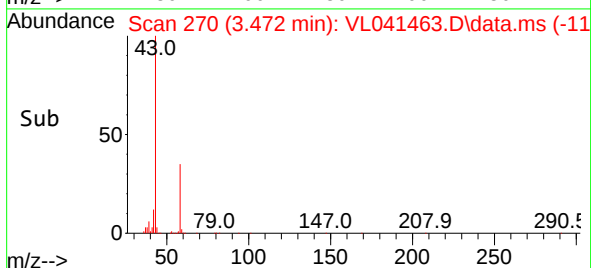
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 Dadoda  
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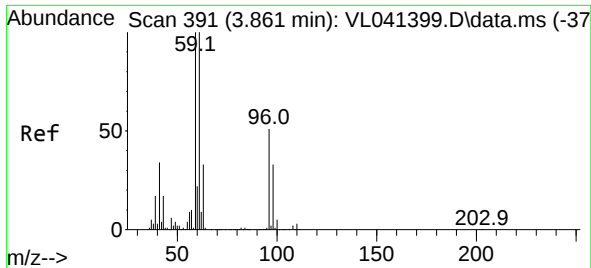


#15  
 Acetone  
 Concen: 73.453 ppbv  
 RT: 3.472 min Scan# 270  
 Delta R.T. 0.003 min  
 Lab File: VL041463.D  
 Acq: 31 Jul 2024 14:56



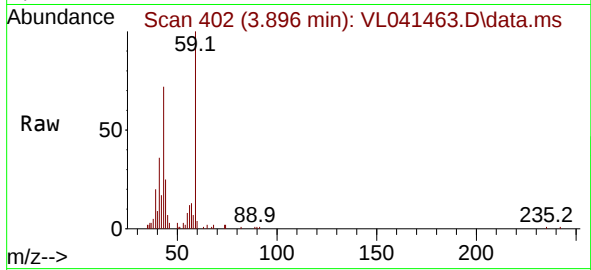
Tgt Ion: 43 Resp: 8930167  
 Ion Ratio Lower Upper  
 43 100  
 58 31.8 21.4 32.2





#17  
tert-Butyl alcohol  
Concen: 0.285 ppbv  
RT: 3.896 min Scan# 402  
Delta R.T. 0.019 min  
Lab File: VL041463.D  
Acq: 31 Jul 2024 14:56

Instrument :  
MSVOA\_L  
ClientSampleId :  
IA2

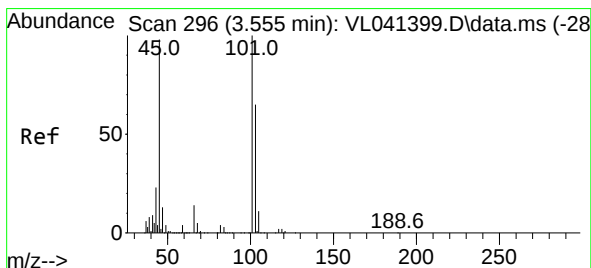
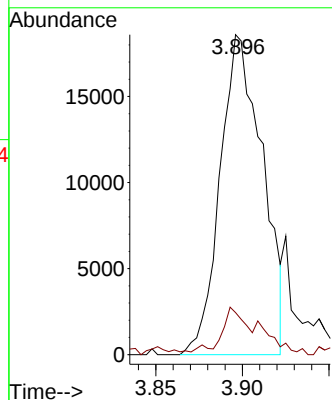


Tgt Ion: 59 Resp: 3159  
Ion Ratio Lower Upper  
59 100  
57 13.5 8.6 12.8

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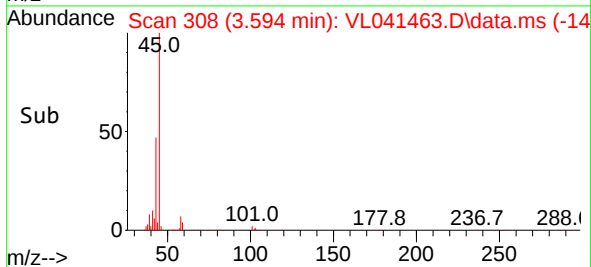
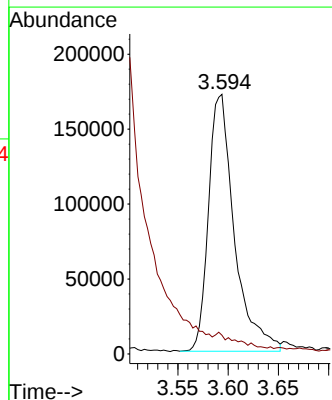
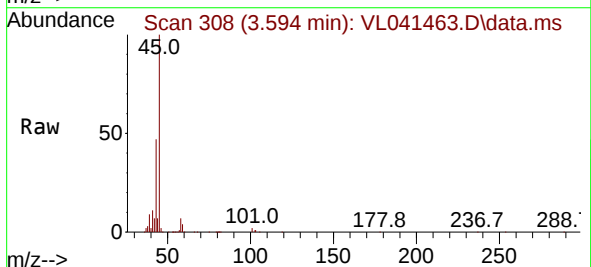
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Supervised By :Mahesh Dadoda 08/01/2024

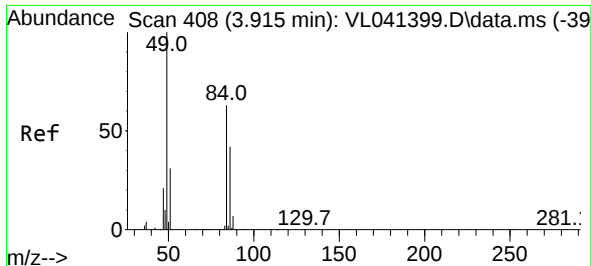
Supervised By :Mahesh  
Dadoda  
08/01/2024



#19  
Isopropyl Alcohol  
Concen: 4.312 ppbv  
RT: 3.594 min Scan# 308  
Delta R.T. 0.019 min  
Lab File: VL041463.D  
Acq: 31 Jul 2024 14:56

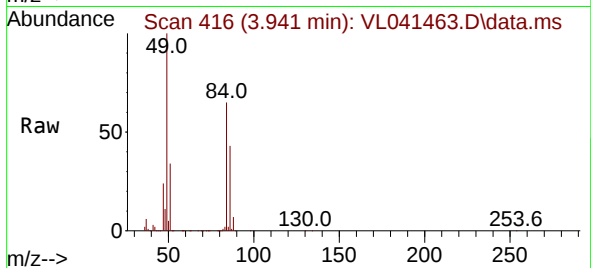
Tgt Ion: 45 Resp: 306507  
Ion Ratio Lower Upper  
45 100  
58 0.0 1.9 2.9





#20  
Methylene Chloride  
Concen: 61.316 ppbv  
RT: 3.941 min Scan# 416  
Delta R.T. 0.007 min  
Lab File: VL041463.D  
Acq: 31 Jul 2024 14:56

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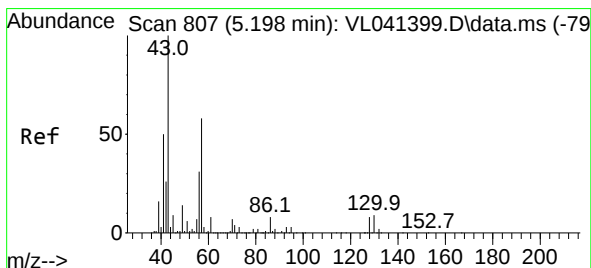
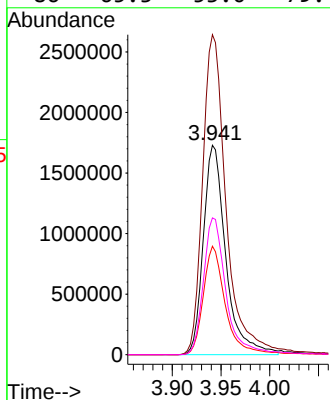
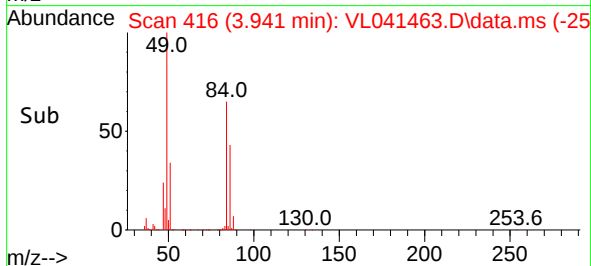


Tgt Ion: 84 Resp: 277985  
Ion Ratio Lower Upper  
84 100  
49 152.8 126.6 190.0  
51 51.8 38.6 58.0  
86 65.3 53.0 79.4

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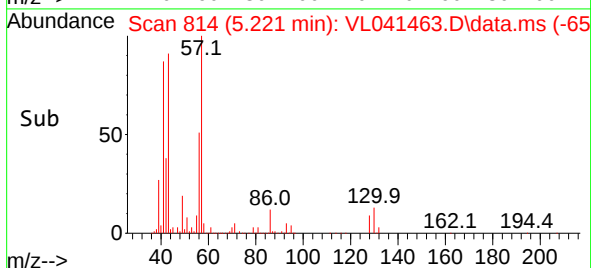
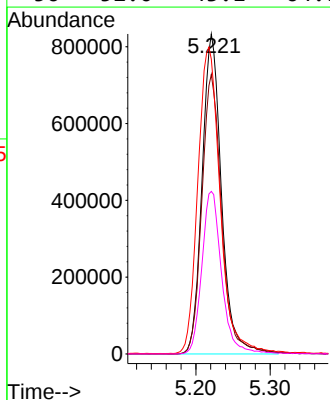
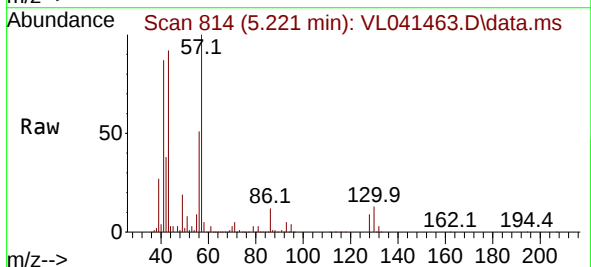
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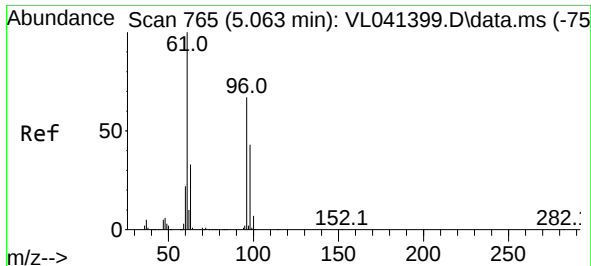
Supervised By :Mahesh  
Dadoda  
08/01/2024



#26  
Hexane  
Concen: 15.112 ppbv  
RT: 5.221 min Scan# 814  
Delta R.T. 0.007 min  
Lab File: VL041463.D  
Acq: 31 Jul 2024 14:56

Tgt Ion: 57 Resp: 1514091  
Ion Ratio Lower Upper  
57 100  
41 89.0 74.0 111.0  
43 110.8 193.6 290.4#  
56 52.0 43.1 64.7





#31

cis-1,2-Dichloroethene

Concen: 0.122 ppbv m

RT: 5.089 min Scan# 7

Delta R.T. 0.007 min

Lab File: VL041463.D

Acq: 31 Jul 2024 14:56

Instrument :

MSVOA\_L

ClientSampleId :

IA2

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 61    | Resp: | 1211  |
| Ion      | Ratio | Lower | Upper |
| 61       | 100   |       |       |
| 96       | 62.3  | 53.4  | 80.2  |
| 98       | 38.0  | 34.4  | 51.6  |

Manual Integrations

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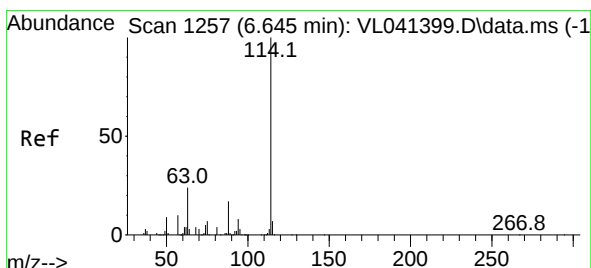
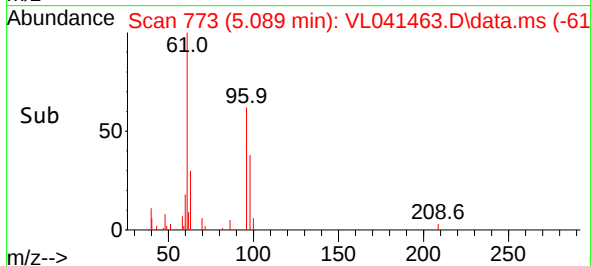
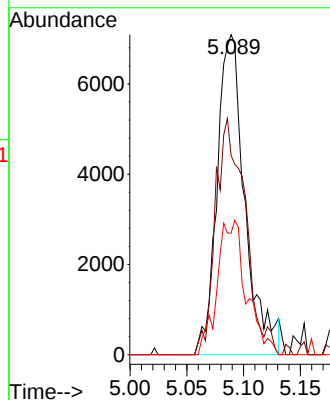
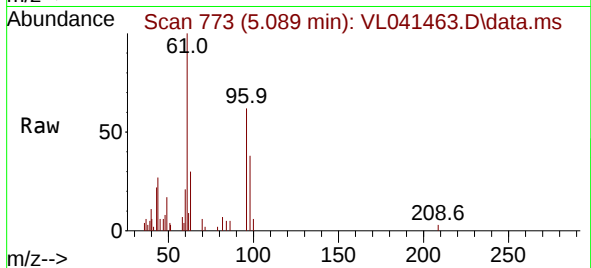
Reviewed By :Semsettin Yesilyurt 08/01/2024

Supervised By :Mahesh Dadoda 08/01/2024

Supervised By :Mahesh

Dadoda

08/01/2024



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

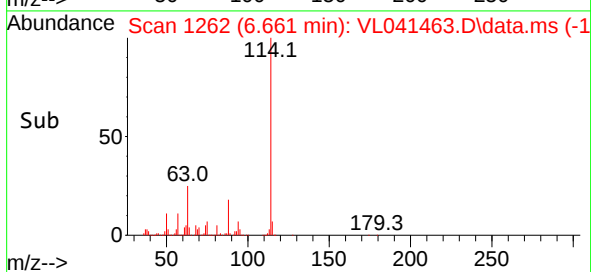
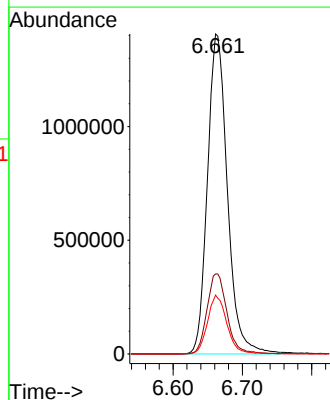
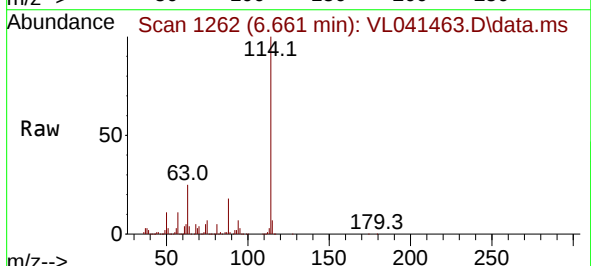
RT: 6.661 min Scan# 1262

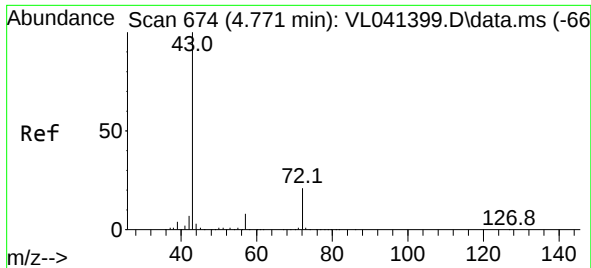
Delta R.T. 0.003 min

Lab File: VL041463.D

Acq: 31 Jul 2024 14:56

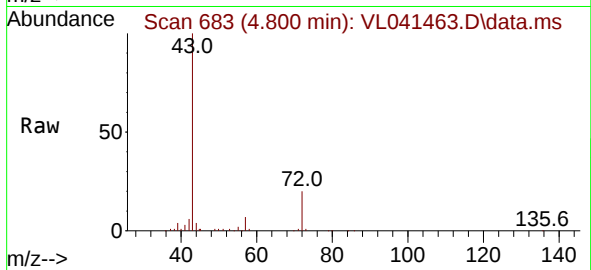
|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 114   | Resp: | 2807215 |
| Ion      | Ratio | Lower | Upper   |
| 114      | 100   |       |         |
| 63       | 25.4  | 20.3  | 30.5    |
| 88       | 17.9  | 14.3  | 21.5    |





#34  
2-Butanone  
Concen: 1.450 ppbv  
RT: 4.800 min Scan# 61  
Delta R.T. 0.013 min  
Lab File: VL041463.D  
Acq: 31 Jul 2024 14:56

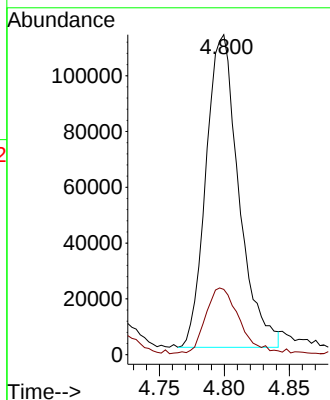
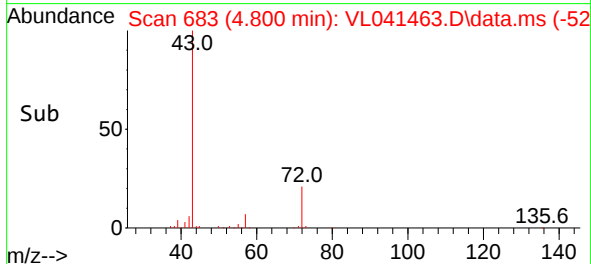
Instrument :  
MSVOA\_L  
ClientSampleId :  
IA2



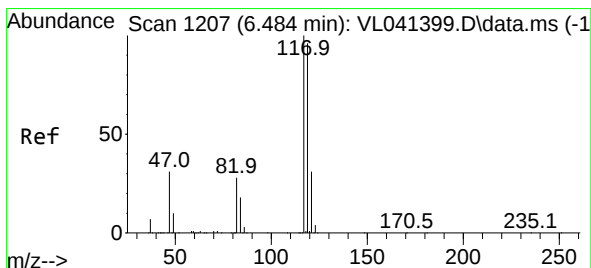
Tgt Ion: 43 Resp: 196910  
Ion Ratio Lower Upper  
43 100  
72 23.9 17.3 25.9

Manual Integrations  
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Reviewed By :Semsettin Yesilyurt 08/01/2024  
Supervised By :Mahesh Dadoda 08/01/2024

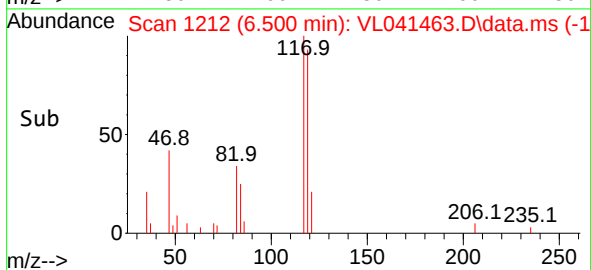
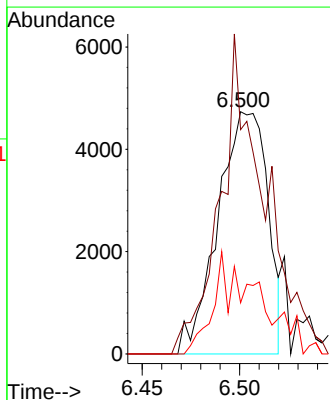
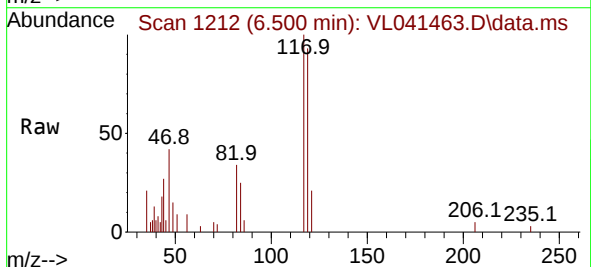


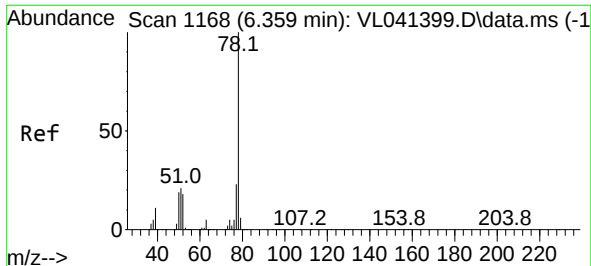
Supervised By :Mahesh  
Dadoda  
08/01/2024



#35  
Carbon Tetrachloride  
Concen: 0.054 ppbv  
RT: 6.500 min Scan# 1212  
Delta R.T. 0.003 min  
Lab File: VL041463.D  
Acq: 31 Jul 2024 14:56

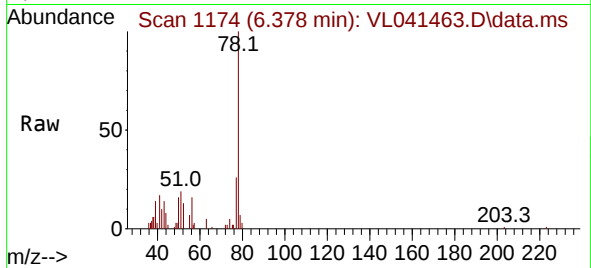
Tgt Ion:117 Resp: 8429  
Ion Ratio Lower Upper  
117 100  
119 85.9 76.6 115.0  
121 21.1 25.1 37.7#





#36  
Benzene  
Concen: 0.108 ppbv  
RT: 6.378 min Scan# 1168  
Delta R.T. 0.003 min  
Lab File: VL041463.D  
Acq: 31 Jul 2024 14:56

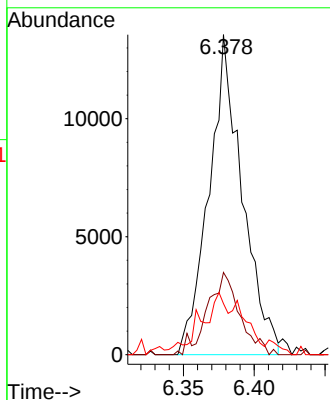
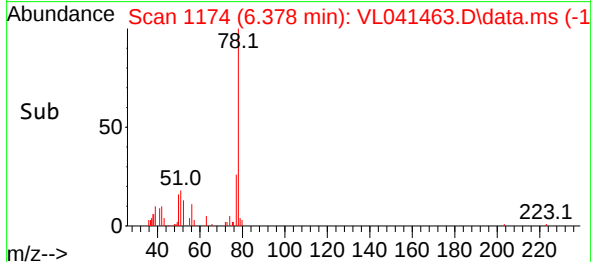
Instrument :  
MSVOA\_L  
ClientSampleId :  
IA2



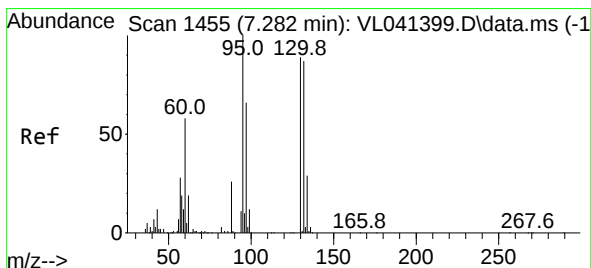
Tgt Ion: 78 Resp: 2215  
Ion Ratio Lower Upper  
78 100  
77 24.5 18.1 27.1  
50 13.3 15.5 23.3

Manual Integrations  
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Reviewed By :Semsettin Yesilyurt 08/01/2024  
Supervised By :Mahesh Dadoda 08/01/2024

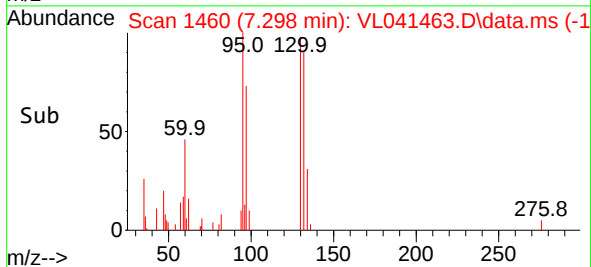
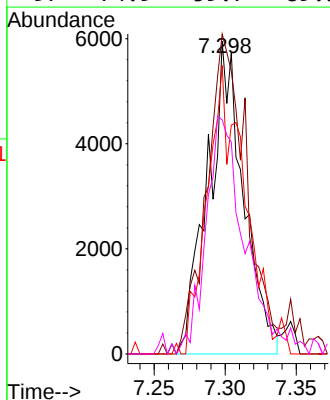
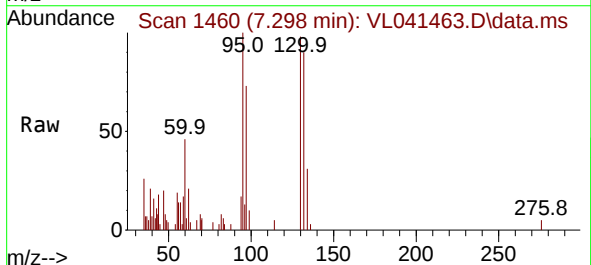


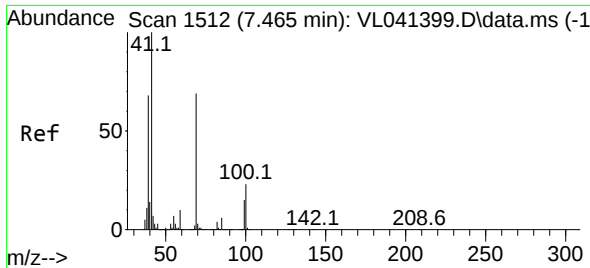
Supervised By :Mahesh  
Dadoda  
08/01/2024



#38  
Trichloroethene  
Concen: 0.111 ppbv m  
RT: 7.298 min Scan# 1460  
Delta R.T. 0.000 min  
Lab File: VL041463.D  
Acq: 31 Jul 2024 14:56

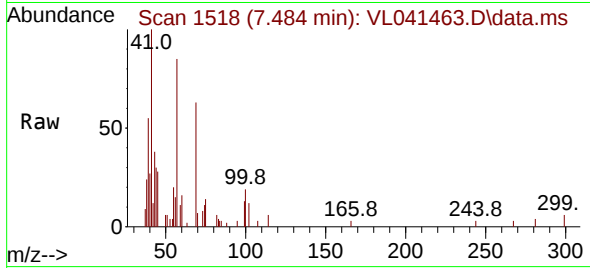
Tgt Ion:130 Resp: 10407  
Ion Ratio Lower Upper  
130 100  
95 102.4 90.2 135.2  
132 92.3 78.1 117.1  
97 74.9 59.7 89.5





#43  
Methyl Methacrylate  
Concen: 0.095 ppbv m  
RT: 7.484 min Scan# 1518  
Delta R.T. 0.007 min  
Lab File: VL041463.D  
Acq: 31 Jul 2024 14:56

Instrument :  
MSVOA\_L  
ClientSampleId :  
IA2

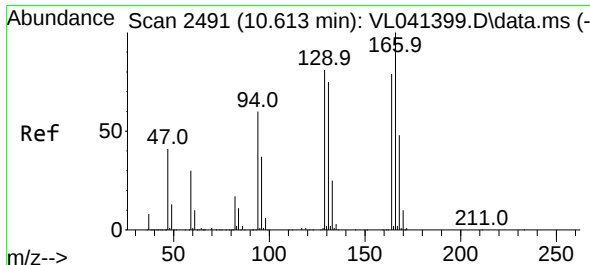
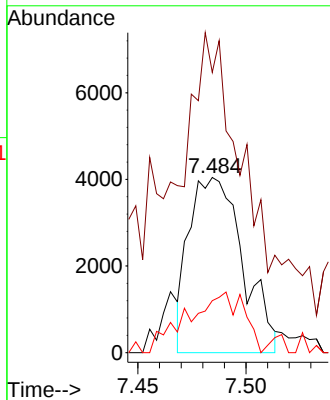
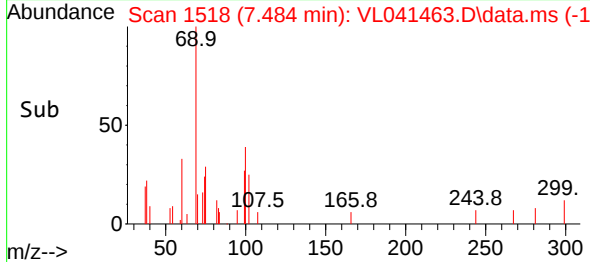


Tgt Ion: 69 Resp: 6980  
Ion Ratio Lower Upper  
69 100  
41 236.4 118.7 178.1  
100 0.0 27.0 40.4

Manual Integrations  
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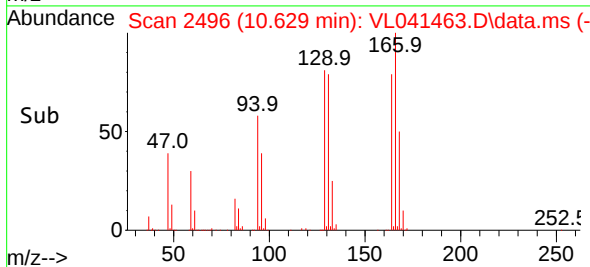
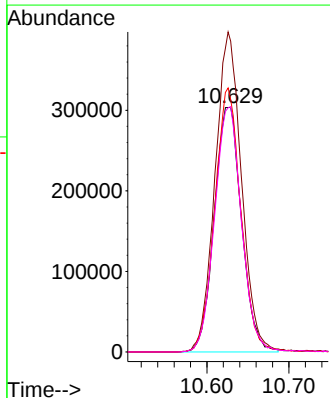
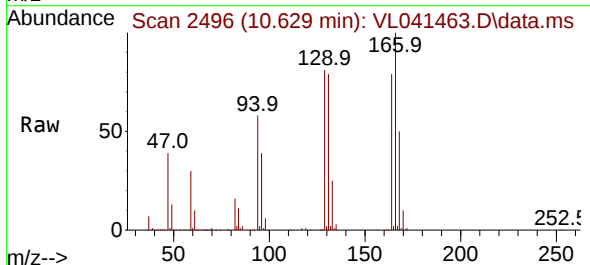
Reviewed By :Semsettin Yesilyurt 08/01/2024  
Supervised By :Mahesh Dadoda 08/01/2024

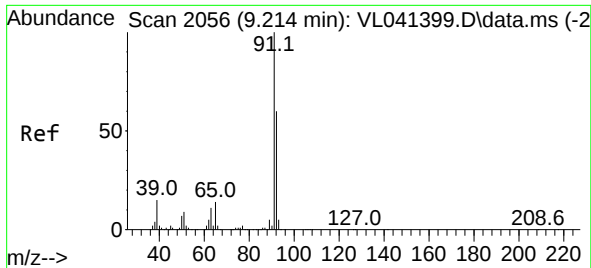
Supervised By :Mahesh  
Dadoda  
08/01/2024



#52  
Tetrachloroethene  
Concen: 8.863 ppbv  
RT: 10.629 min Scan# 2496  
Delta R.T. 0.007 min  
Lab File: VL041463.D  
Acq: 31 Jul 2024 14:56

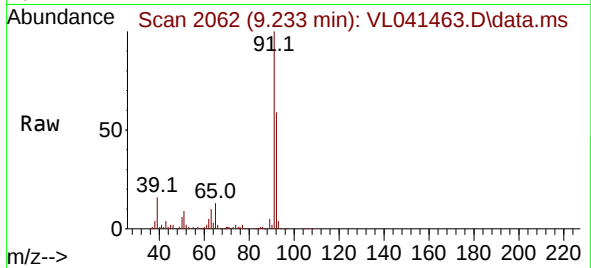
Tgt Ion:164 Resp: 702476  
Ion Ratio Lower Upper  
164 100  
166 127.1 101.1 151.7  
129 103.2 81.7 122.5  
131 100.3 76.2 114.4





#53  
Toluene  
Concen: 1.776 ppbv  
RT: 9.233 min Scan# 2056  
Delta R.T. 0.007 min  
Lab File: VL041463.D  
Acq: 31 Jul 2024 14:56

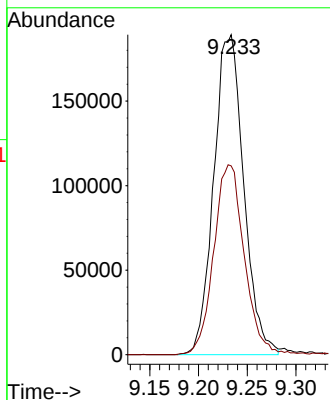
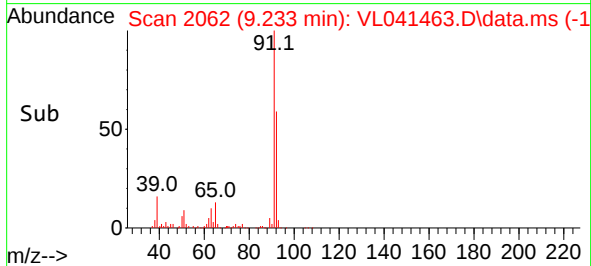
Instrument :  
MSVOA\_L  
ClientSampleId :  
IA2



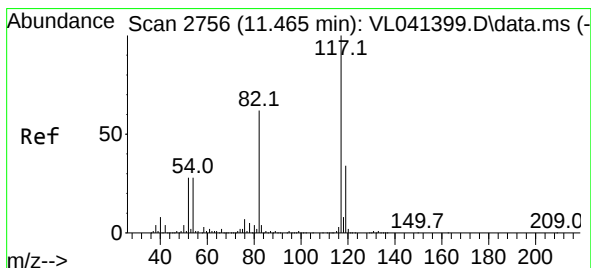
Tgt Ion: 91 Resp: 40570  
Ion Ratio Lower Upper  
91 100  
92 60.5 48.7 73.1

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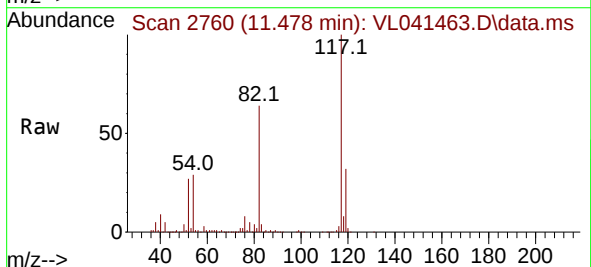
Reviewed By :Semsettin Yesilyurt 08/01/2024  
Supervised By :Mahesh Dadoda 08/01/2024



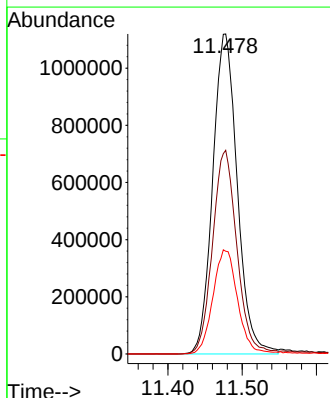
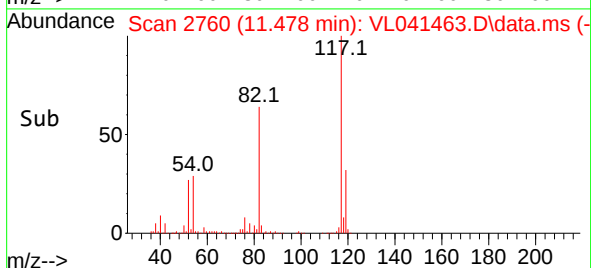
Supervised By :Mahesh  
Dadoda  
08/01/2024

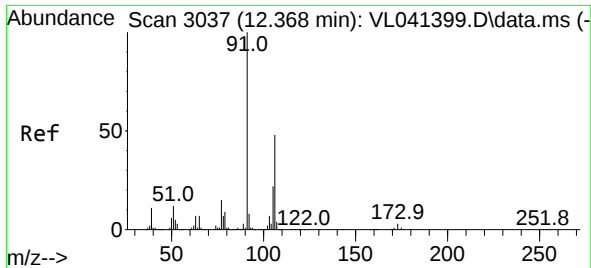


#55  
Chlorobenzene-d5  
Concen: 10.000 ppbv  
RT: 11.478 min Scan# 2760  
Delta R.T. 0.007 min  
Lab File: VL041463.D  
Acq: 31 Jul 2024 14:56



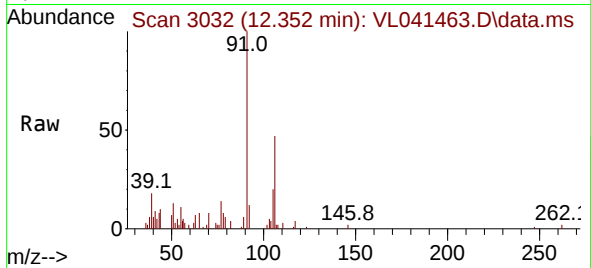
Tgt Ion:117 Resp: 2573217  
Ion Ratio Lower Upper  
117 100  
82 64.5 51.0 76.6  
119 33.4 45.2 67.8#





#59  
m/p-Xylene  
Concen: 0.144 ppbv m  
RT: 12.352 min Scan# 3032  
Delta R.T. -0.026 min  
Lab File: VL041463.D  
Acq: 31 Jul 2024 14:56

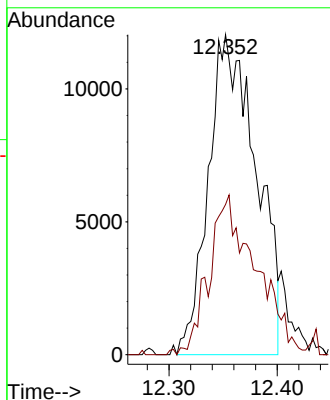
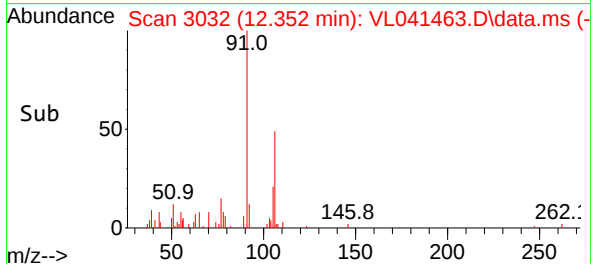
Instrument :  
MSVOA\_L  
ClientSampleId :  
IA2



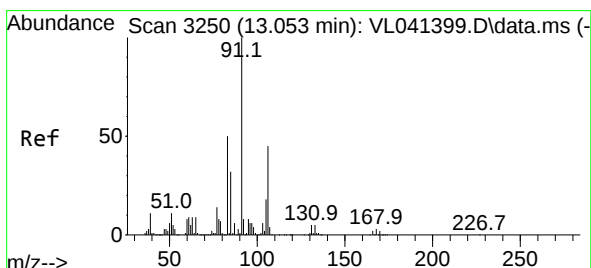
Tgt Ion: 91 Resp: 3695  
Ion Ratio Lower Upper  
91 100  
106 0.0 36.3 54.5

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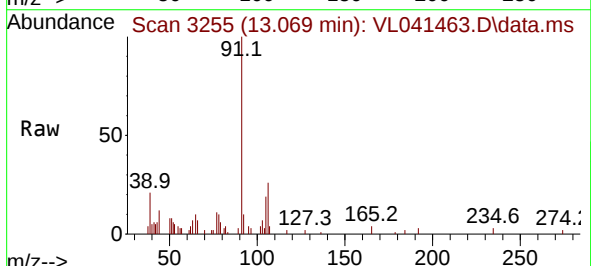
Reviewed By :Semsettin Yesilyurt 08/01/2024  
Supervised By :Mahesh Dadoda 08/01/2024



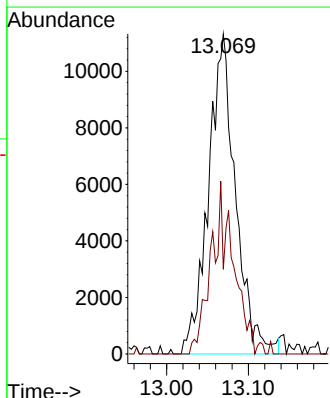
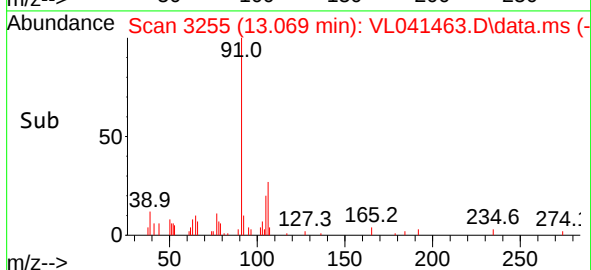
Supervised By :Mahesh  
Dadoda  
08/01/2024

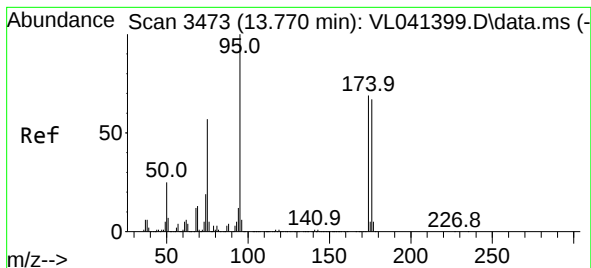


#60  
o-Xylene  
Concen: 0.108 ppbv m  
RT: 13.069 min Scan# 3255  
Delta R.T. 0.003 min  
Lab File: VL041463.D  
Acq: 31 Jul 2024 14:56



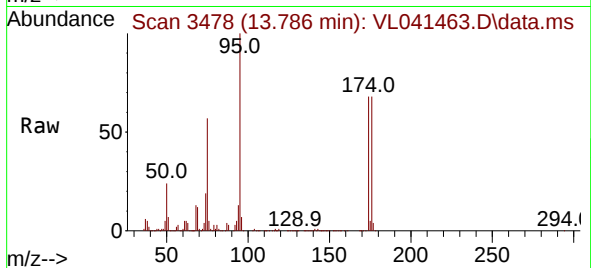
Tgt Ion: 91 Resp: 26115  
Ion Ratio Lower Upper  
91 100  
106 44.9 23.1 69.3





#68  
1-Bromo-4-Fluorobenzene  
Concen: 10.168 ppbv  
RT: 13.786 min Scan# 3473  
Delta R.T. 0.003 min  
Lab File: VL041463.D  
Acq: 31 Jul 2024 14:56

Instrument :  
MSVOA\_L  
ClientSampleId :  
IA2

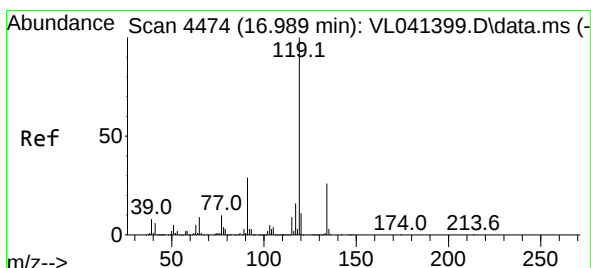
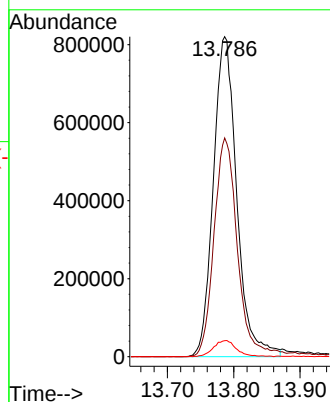
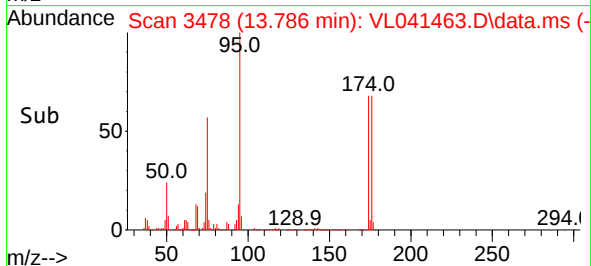


Tgt Ion: 95 Resp: 2013450  
Ion Ratio Lower Upper  
95 100  
174 70.3 56.3 84.5  
175 5.0 4.0 6.0

Manual Integrations  
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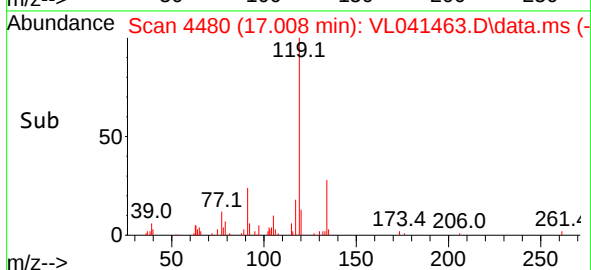
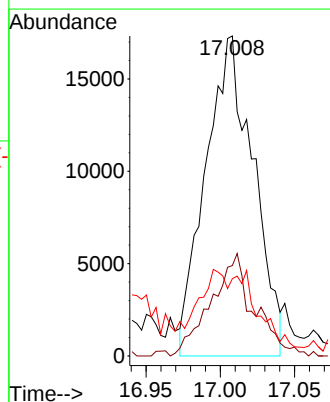
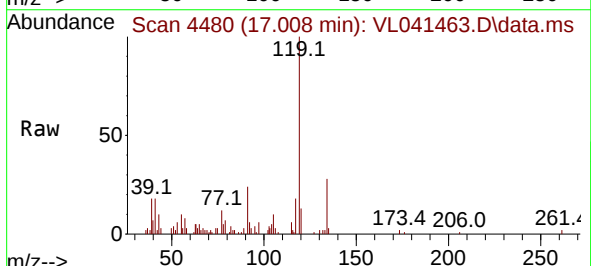
Reviewed By :Semsettin Yesilyurt 08/01/2024  
Supervised By :Mahesh Dadoda 08/01/2024

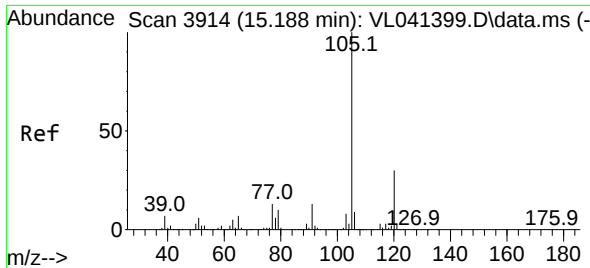
Supervised By :Mahesh  
Dadoda  
08/01/2024



#69  
p-Isopropyltoluene  
Concen: 0.102 ppbv m  
RT: 17.008 min Scan# 4480  
Delta R.T. 0.007 min  
Lab File: VL041463.D  
Acq: 31 Jul 2024 14:56

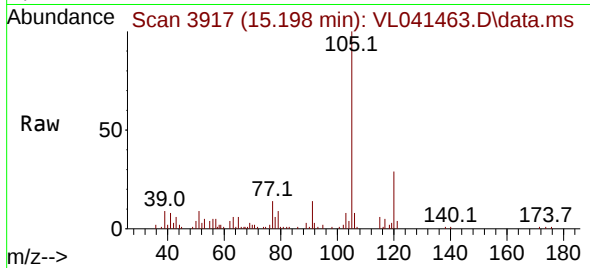
Tgt Ion:119 Resp: 38738  
Ion Ratio Lower Upper  
119 100  
134 29.3 20.5 30.7  
91 35.7 23.2 34.8#





#72  
4-Ethyltoluene  
Concen: 0.253 ppbv m  
RT: 15.198 min Scan# 3917  
Delta R.T. 0.000 min  
Lab File: VL041463.D  
Acq: 31 Jul 2024 14:56

Instrument :  
MSVOA\_L  
ClientSampleId :  
IA2

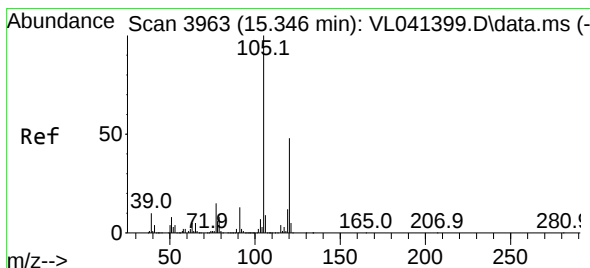
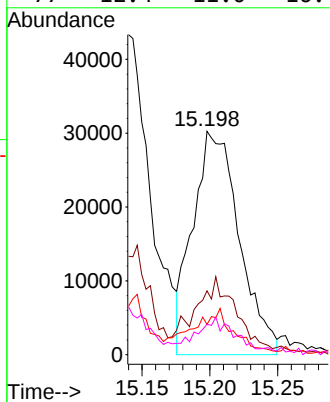
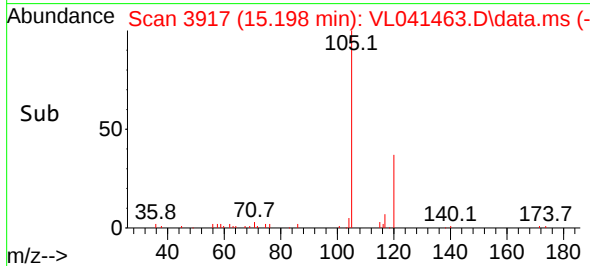


Tgt Ion:105 Resp: 7217  
Ion Ratio Lower Upper  
105 100  
120 34.3 24.2 36.2  
91 18.2 10.4 15.6  
77 12.4 11.0 16.4

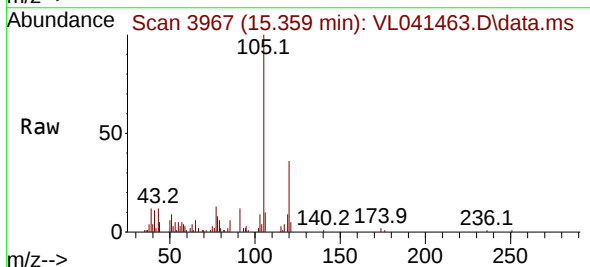
Manual Integrations  
APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024  
Supervised By :Mahesh Dadoda 08/01/2024

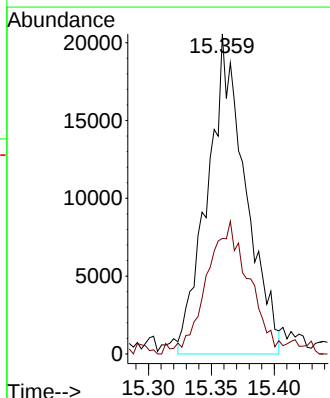
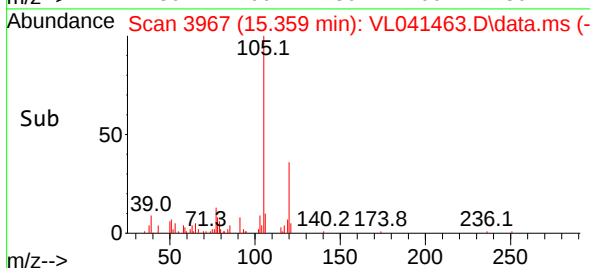
Supervised By :Mahesh  
Dadoda  
08/01/2024

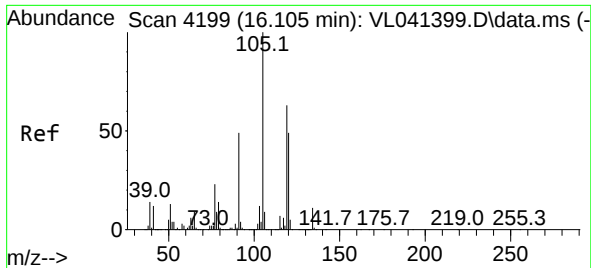


#73  
1,3,5-Trimethylbenzene  
Concen: 0.175 ppbv m  
RT: 15.359 min Scan# 3967  
Delta R.T. 0.000 min  
Lab File: VL041463.D  
Acq: 31 Jul 2024 14:56



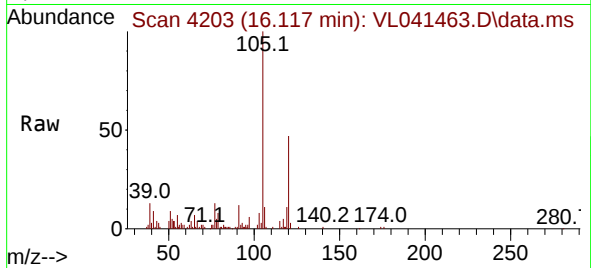
Tgt Ion:105 Resp: 43070  
Ion Ratio Lower Upper  
105 100  
120 36.1 38.6 57.8#





#74  
1,2,4-Trimethylbenzene  
Concen: 0.366 ppbv  
RT: 16.117 min Scan# 4199  
Delta R.T. 0.000 min  
Lab File: VL041463.D  
Acq: 31 Jul 2024 14:56

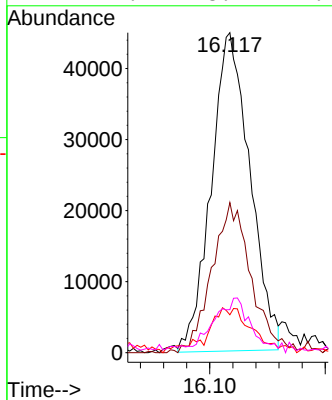
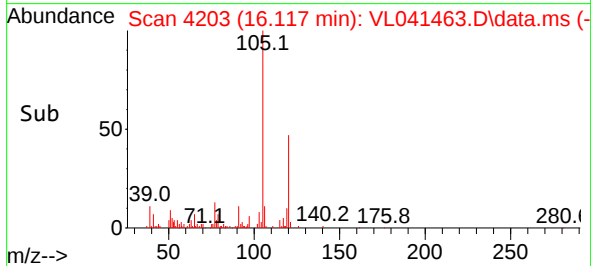
Instrument :  
MSVOA\_L  
ClientSampleId :  
IA2



Tgt Ion:105 Resp: 104542  
Ion Ratio Lower Upper  
105 100  
120 47.5 39.5 59.3  
91 10.6 39.8 59.8  
77 12.2 18.2 27.4

Manual Integrations  
APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024  
Supervised By :Mahesh Dadoda 08/01/2024



Supervised By :Mahesh  
Dadoda  
08/01/2024