

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW093022\  
 Data File : VW024691.D  
 Acq On : 30 Sep 2022 10:39  
 Operator : SY/VA  
 Sample : MDL 1 PPB  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 MDL 1 PPB

Manual Integrations  
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/01/2022  
 Supervised By : Mahesh Dadoda 10/05/2022

Quant Time: Sep 30 23:36:12 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM092622SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Sep 30 22:12:13 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|------------|----------|
| Internal Standards            |        |       |          |          |            |          |
| 1) 1,4-Difluorobenzene        | 8.841  | 114   | 547112   | 25.000   | ug/L       | 0.00     |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 497382   | 25.000   | ug/L       | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 228791   | 25.000   | ug/L       | 0.00     |
| System Monitoring Compounds   |        |       |          |          |            |          |
| 4) Vinyl Chloride-d3          | 2.355  | 65    | 146607   | 25.612   | ug/L       | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | = 102.440% |          |
| 7) Chloroethane-d5            | 2.885  | 69    | 80216    | 24.115   | ug/L       | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | = 96.440%  |          |
| 11) 1,1-Dichloroethene-d2     | 4.019  | 63    | 222614   | 16.802   | ug/L       | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | = 67.200%  |          |
| 21) 2-Butanone-d5             | 7.080  | 46    | 115767   | 56.252   | ug/L       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | = 112.500% |          |
| 24) Chloroform-d              | 7.647  | 84    | 361294   | 24.702   | ug/L       | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | = 98.800%  |          |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 196738   | 25.929   | ug/L       | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | = 103.720% |          |
| 32) Benzene-d6                | 8.274  | 84    | 771243   | 24.260   | ug/L       | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | = 97.040%  |          |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 237691   | 24.471   | ug/L       | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | = 97.880%  |          |
| 41) Toluene-d8                | 10.323 | 98    | 673766   | 23.713   | ug/L       | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | = 94.840%  |          |
| 43) trans-1,3-Dichloroprop... | 10.573 | 79    | 98071    | 22.672   | ug/L       | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | = 90.680%  |          |
| 47) 2-Hexanone-d5             | 10.920 | 63    | 90608    | 54.520   | ug/L       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | = 109.040% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84    | 188393   | 27.221   | ug/L       | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | = 108.880% |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.847 | 152   | 207731   | 25.802   | ug/L       | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | = 103.200% |          |
| Target Compounds              |        |       |          |          |            |          |
| 2) Dichlorodifluoromethane    | 2.007  | 85    | 2412m    | 0.718    | ug/L       | Qvalue   |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.056  | 101   | 12055    | 1.680    | ug/L #     | 87       |
| 12) 1,1-Dichloroethene        | 4.044  | 96    | 11429    | 1.597    | ug/L #     | 1        |
| 13) Acetone                   | 4.135  | 43    | 4957     | 3.301    | ug/L       | 100      |
| 14) Carbon disulfide          | 4.391  | 76    | 24276    | 1.074    | ug/L       | 99       |
| 15) Methyl Acetate            | 4.678  | 43    | 3993m    | 1.201    | ug/L       |          |
| 17) trans-1,2-Dichloroethene  | 5.421  | 96    | 8474     | 1.054    | ug/L       | 81       |
| 18) Methyl tert-butyl Ether   | 5.434  | 73    | 12596    | 0.988    | ug/L #     | 59       |
| 19) 1,1-Dichloroethane        | 6.208  | 63    | 14741m   | 0.980    | ug/L       |          |
| 20) cis-1,2-Dichloroethene    | 7.171  | 96    | 8636     | 1.001    | ug/L       | 99       |
| 22) 2-Butanone                | 7.165  | 43    | 9069m    | 3.776    | ug/L       |          |
| 23) Bromochloromethane        | 7.512  | 128   | 3477     | 0.991    | ug/L       | 94       |
| 25) Chloroform                | 7.677  | 83    | 16145    | 1.132    | ug/L       | 95       |
| 27) 1,2-Dichloroethane        | 8.403  | 62    | 9862     | 1.099    | ug/L       | 98       |
| 29) Cyclohexane               | 7.957  | 56    | 14553    | 0.939    | ug/L #     | 93       |
| 30) 1,1,1-Trichloroethane     | 7.872  | 97    | 11600    | 0.964    | ug/L       | 99       |
| 31) Carbon tetrachloride      | 8.067  | 117   | 9989     | 0.980    | ug/L       | 98       |
| 33) Benzene                   | 8.323  | 78    | 36977m   | 1.062    | ug/L       |          |
| 34) Trichloroethene           | 9.091  | 95    | 8793     | 0.997    | ug/L       | 89       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW093022\  
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 Sample : MDL 1 PPB  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 MDL 1 PPB

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/01/2022  
 Supervised By :Mahesh Dadoda 10/05/2022

Quant Time: Sep 30 23:36:12 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM092622SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Sep 30 22:12:13 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 35) Methylcyclohexane         | 9.335  | 83   | 14253    | 0.881 | ug/L   | 96       |
| 37) 1,2-Dichloropropane       | 9.366  | 63   | 8896     | 1.035 | ug/L   | 98       |
| 38) Bromodichloromethane      | 9.646  | 83   | 10450    | 0.988 | ug/L   | 95       |
| 39) cis-1,3-Dichloropropene   | 10.073 | 75   | 12697m   | 0.934 | ug/L   |          |
| 40) 4-Methyl-2-pentanone      | 10.207 | 43   | 10879    | 2.139 | ug/L   | 98       |
| 42) Toluene                   | 10.384 | 91   | 41109    | 1.144 | ug/L   | 94       |
| 45) 1,1,2-Trichloroethane     | 10.786 | 97   | 5922     | 1.009 | ug/L   | 93       |
| 46) Tetrachloroethene         | 10.865 | 164  | 5926     | 0.988 | ug/L   | 91       |
| 48) 2-Hexanone                | 10.969 | 43   | 7735     | 2.249 | ug/L   | 100      |
| 49) Dibromochloromethane      | 11.128 | 129  | 6420     | 0.971 | ug/L   | 96       |
| 50) 1,2-Dibromoethane         | 11.237 | 107  | 5695     | 1.025 | ug/L # | 96       |
| 51) Chlorobenzene             | 11.652 | 112  | 22072    | 1.003 | ug/L   | 96       |
| 52) Ethylbenzene              | 11.731 | 91   | 38980    | 0.984 | ug/L   | 94       |
| 53) m,p-Xylene                | 11.835 | 106  | 15038    | 0.973 | ug/L   | 99       |
| 54) o-Xylene                  | 12.164 | 106  | 14524    | 0.995 | ug/L   | 98       |
| 55) Styrene                   | 12.182 | 104  | 23602    | 0.959 | ug/L   | 96       |
| 57) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 8637     | 1.257 | ug/L # | 96       |
| 59) Bromoform                 | 12.347 | 173  | 3288     | 1.017 | ug/L # | 92       |
| 60) Isopropylbenzene          | 12.463 | 105  | 36990    | 0.992 | ug/L   | 99       |
| 61) 1,2,3-Trichloropropane    | 12.761 | 75   | 5488     | 1.114 | ug/L   | 94       |
| 62) 1,3,5-Trimethylbenzene    | 12.938 | 105  | 31591    | 0.975 | ug/L   | 98       |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 31814    | 1.002 | ug/L   | 98       |
| 64) 1,3-Dichlorobenzene       | 13.493 | 146  | 15329    | 1.012 | ug/L   | 91       |
| 65) 1,4-Dichlorobenzene       | 13.578 | 146  | 16578    | 1.124 | ug/L   | 97       |
| 67) 1,2-Dichlorobenzene       | 13.865 | 146  | 14567    | 1.104 | ug/L   | 96       |
| 68) 1,2-Dibromo-3-chloropr... | 14.481 | 75   | 1440     | 1.236 | ug/L   | 95       |
| 69) 1,3,5-Trichlorobenzene    | 14.621 | 180  | 9633     | 0.958 | ug/L   | 97       |
| 70) 1,2,4-trichlorobenzene    | 15.127 | 180  | 7925     | 0.938 | ug/L   | 96       |
| 71) Naphthalene               | 15.365 | 128  | 17778    | 0.966 | ug/L   | 98       |
| 72) 1,2,3-Trichlorobenzene    | 15.548 | 180  | 6632     | 0.922 | ug/L   | 99       |

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

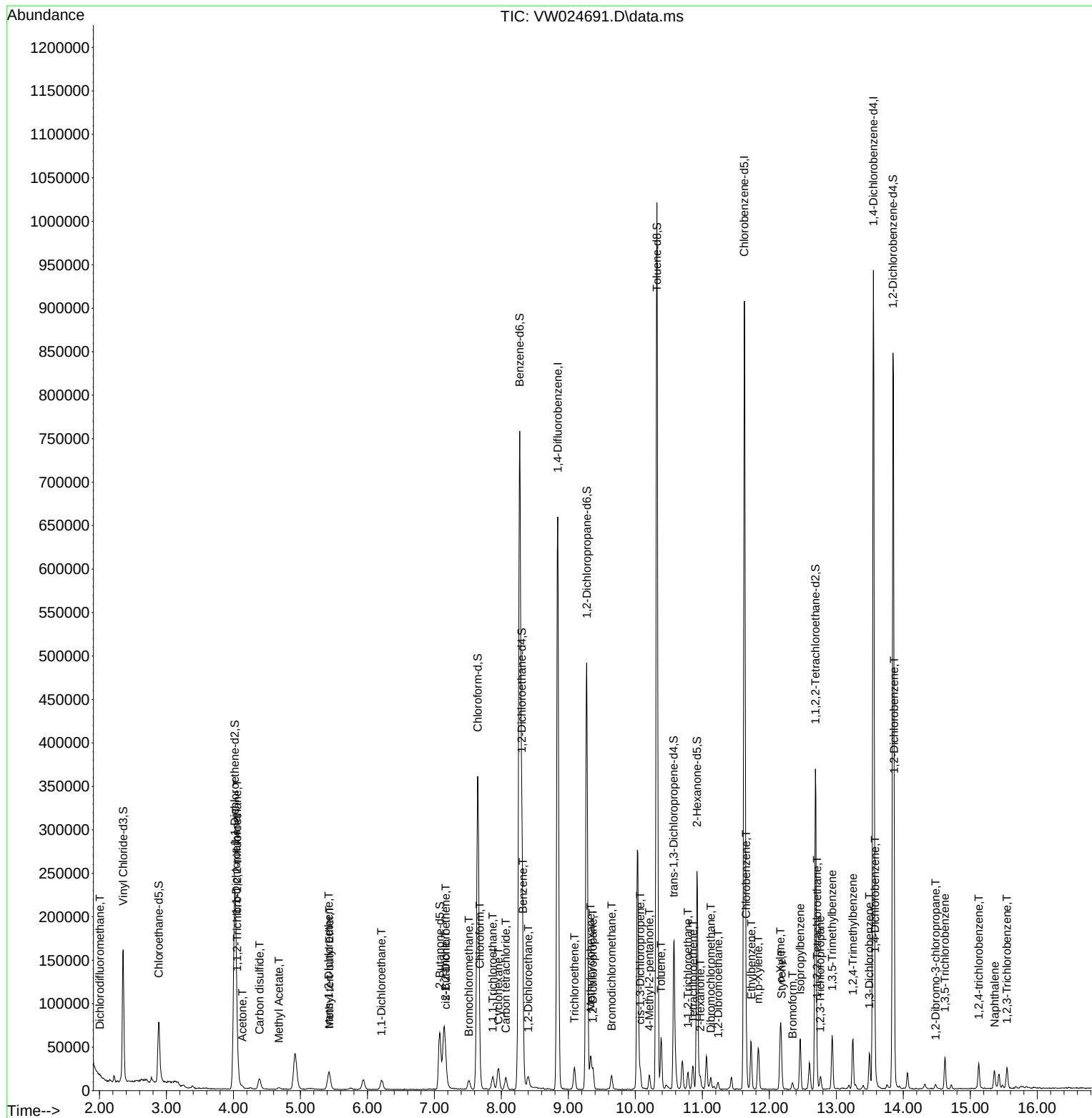
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW093022\  
Data File : VW024691.D  
Acq On : 30 Sep 2022 10:39  
Operator : SY/VA  
Sample : MDL 1 PPB  
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ALS Vial : 6 Sample Multiplier: 1

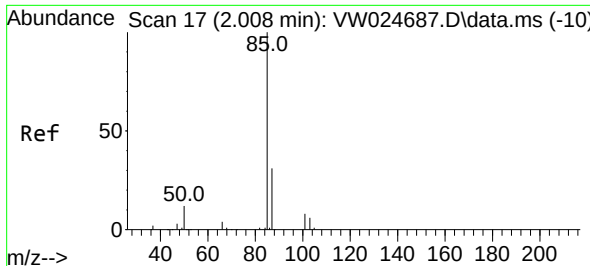
Instrument :  
MSVOA\_W  
ClientSampleId :  
MDL 1 PPB

Quant Time: Sep 30 23:36:12 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM092622SMA.M  
Quant Title : SFAM01.0  
QLast Update : Fri Sep 30 22:12:13 2022  
Response via : Initial Calibration

Manual Integrations  
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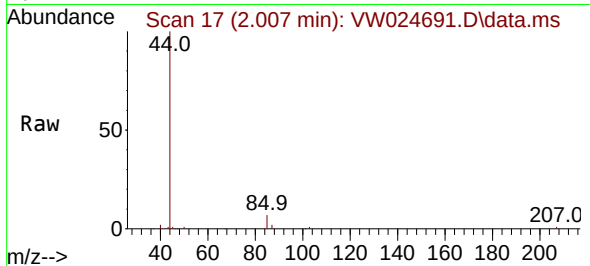
Reviewed By :Semsettin Yesilyurt 10/01/2022  
Supervised By :Mahesh Dadoda 10/05/2022





#2  
Dichlorodifluoromethane  
Concen: 0.718 ug/L m  
RT: 2.007 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VW024691.D  
Acq: 30 Sep 2022 10:39

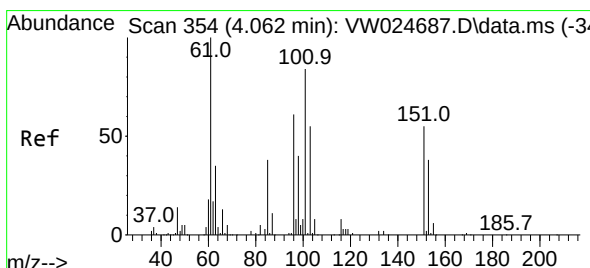
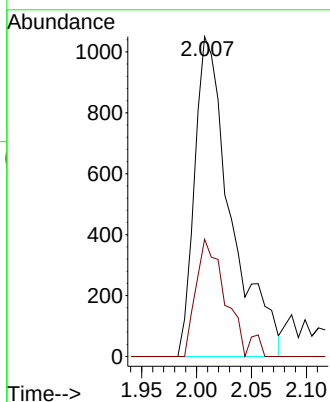
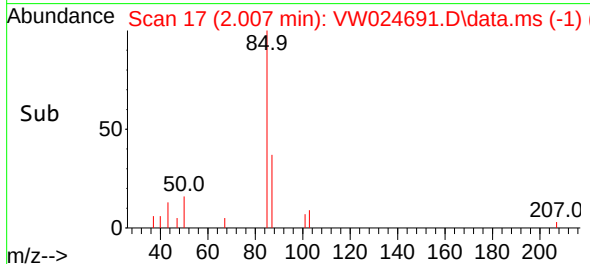
Instrument :  
MSVOA\_W  
ClientSampleId :  
MDL 1 PPB



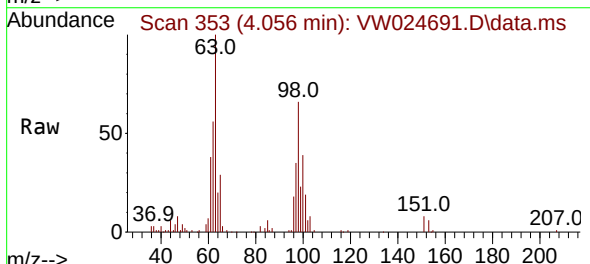
Tgt Ion: 85 Resp: 241  
Ion Ratio Lower Upper  
85 100  
87 28.7 28.8 43.2

Manual Integrations  
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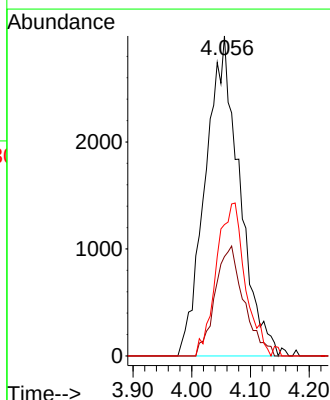
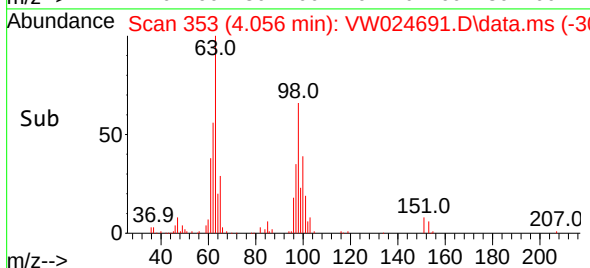
Reviewed By :Semsettin Yesilyurt 10/01/2022  
Supervised By :Mahesh Dadoda 10/05/2022

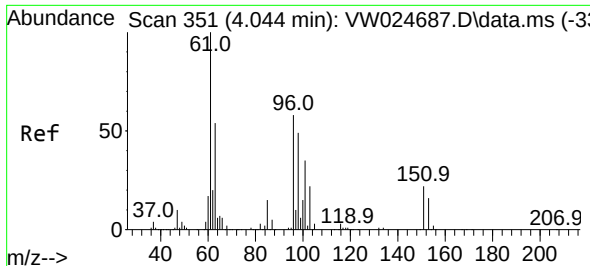


#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 1.680 ug/L  
RT: 4.056 min Scan# 353  
Delta R.T. -0.006 min  
Lab File: VW024691.D  
Acq: 30 Sep 2022 10:39



Tgt Ion:101 Resp: 12055  
Ion Ratio Lower Upper  
101 100  
85 29.0 34.9 52.3#  
151 40.2 30.9 46.3





#12

1,1-Dichloroethene

Concen: 1.597 ug/L

RT: 4.044 min Scan# 351

Delta R.T. -0.000 min

Lab File: VW024691.D

Acq: 30 Sep 2022 10:39

Instrument :

MSVOA\_W

ClientSampleId :

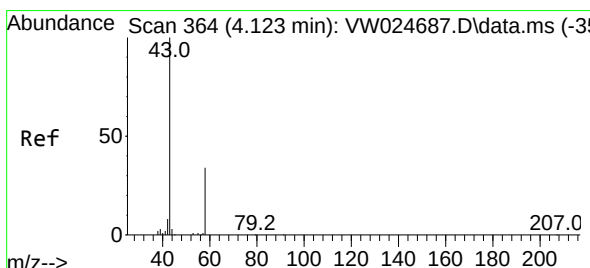
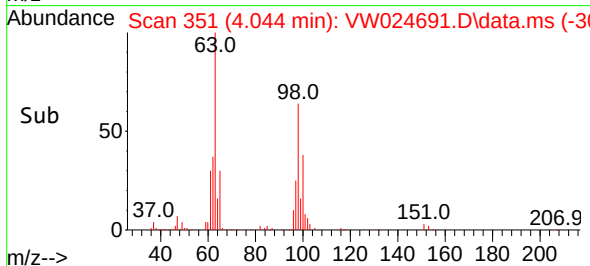
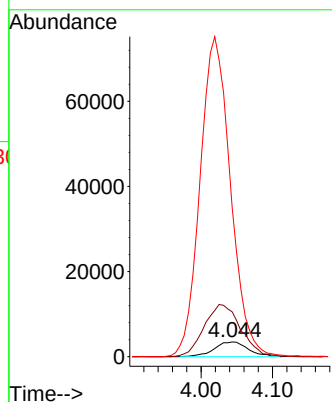
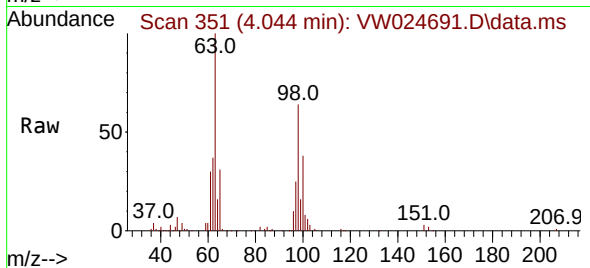
MDL 1 PPB

|          |        |       |       |
|----------|--------|-------|-------|
| Tgt Ion: | 96     | Resp: | 11429 |
| Ion      | Ratio  | Lower | Upper |
| 96       | 100    |       |       |
| 61       | 304.0  | 124.5 | 231.1 |
| 63       | 1011.9 | 84.1  | 156.1 |

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/01/2022  
Supervised By :Mahesh Dadoda 10/05/2022



#13

Acetone

Concen: 3.301 ug/L

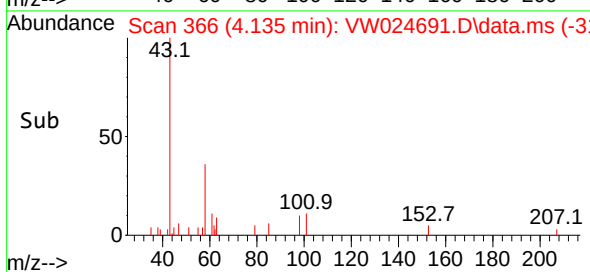
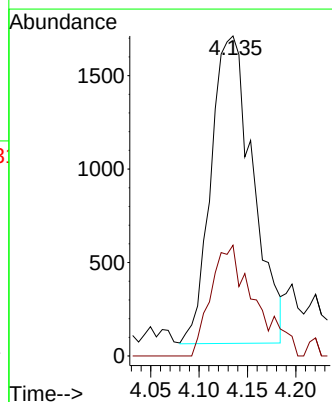
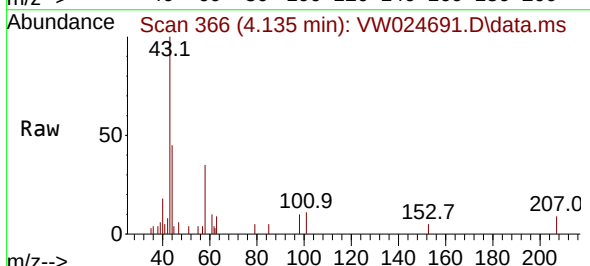
RT: 4.135 min Scan# 366

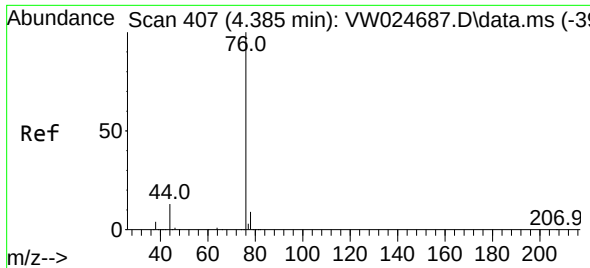
Delta R.T. 0.012 min

Lab File: VW024691.D

Acq: 30 Sep 2022 10:39

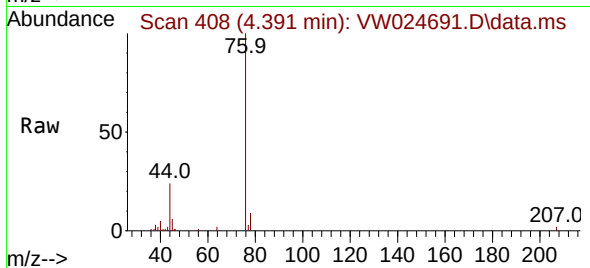
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 4957  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 33.5  | 0.0   | 67.6  |





#14  
Carbon disulfide  
Concen: 1.074 ug/L  
RT: 4.391 min Scan# 407  
Delta R.T. 0.006 min  
Lab File: VW024691.D  
Acq: 30 Sep 2022 10:39

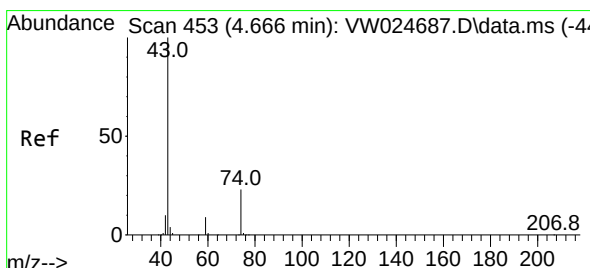
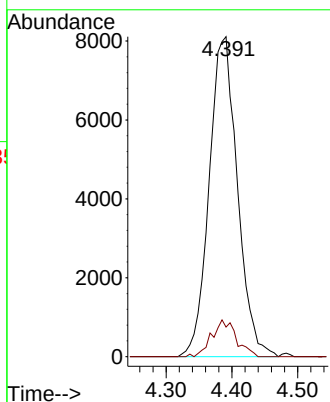
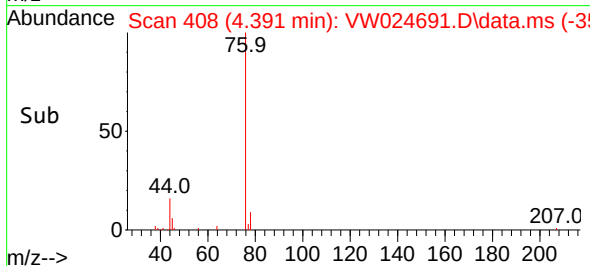
Instrument :  
MSVOA\_W  
ClientSampleId :  
MDL 1 PPB



Tgt Ion: 76 Resp: 24270  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.2 10.8

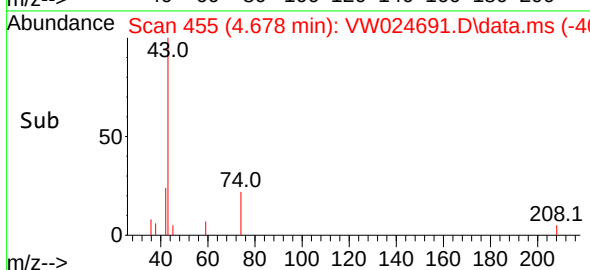
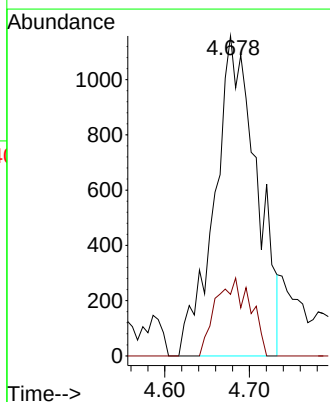
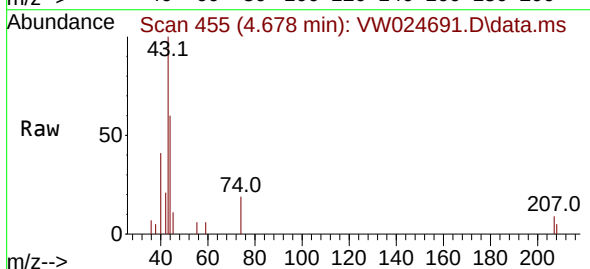
Manual Integrations  
APPROVED

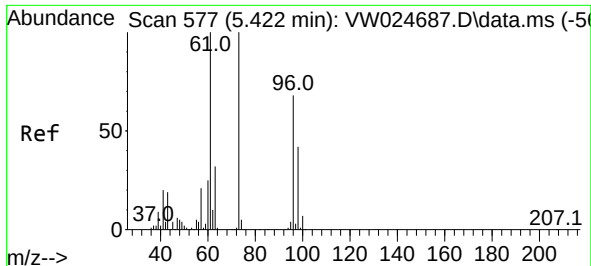
Reviewed By :Semsettin Yesilyurt 10/01/2022  
Supervised By :Mahesh Dadoda 10/05/2022



#15  
Methyl Acetate  
Concen: 1.201 ug/L m  
RT: 4.678 min Scan# 455  
Delta R.T. 0.012 min  
Lab File: VW024691.D  
Acq: 30 Sep 2022 10:39

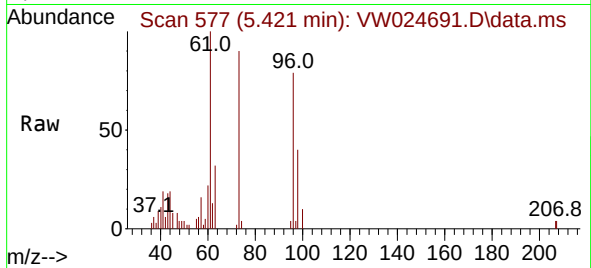
Tgt Ion: 43 Resp: 3993  
Ion Ratio Lower Upper  
43 100  
74 10.2 18.1 27.1#





#17  
trans-1,2-Dichloroethene  
Concen: 1.054 ug/L  
RT: 5.421 min Scan# 577  
Delta R.T. -0.000 min  
Lab File: VW024691.D  
Acq: 30 Sep 2022 10:39

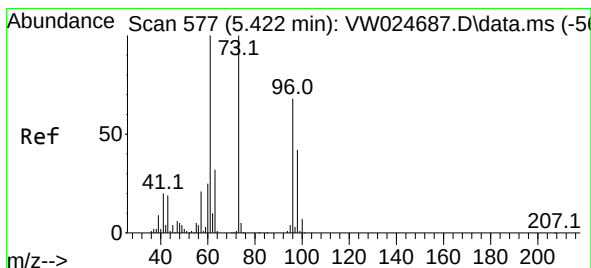
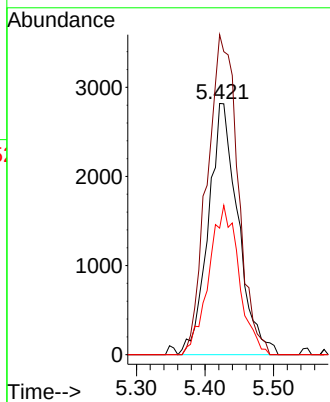
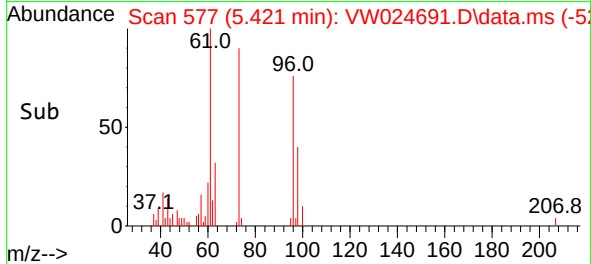
Instrument :  
MSVOA\_W  
ClientSampleId :  
MDL 1 PPB



Tgt Ion: 96 Resp: 8474  
Ion Ratio Lower Upper  
96 100  
61 127.4 106.3 197.5  
98 50.4 45.1 83.9

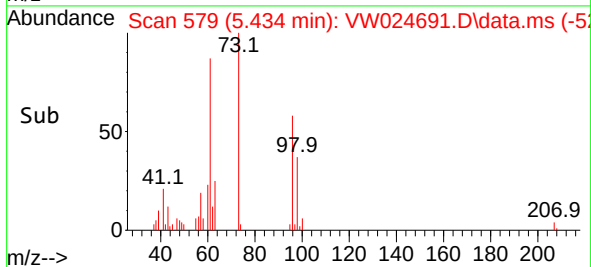
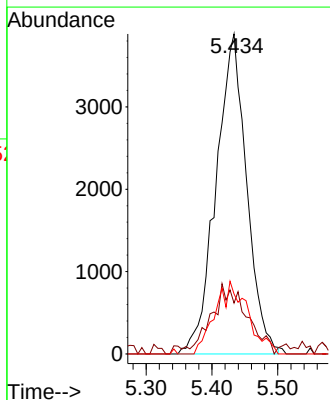
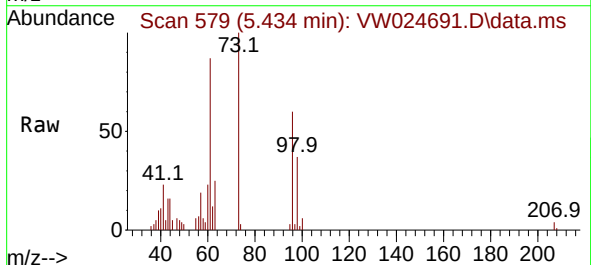
Manual Integrations  
APPROVED

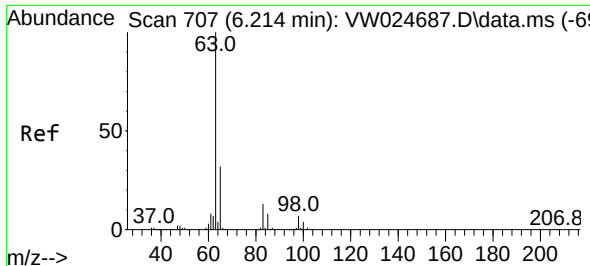
Reviewed By :Semsettin Yesilyurt 10/01/2022  
Supervised By :Mahesh Dadoda 10/05/2022



#18  
Methyl tert-butyl Ether  
Concen: 0.988 ug/L  
RT: 5.434 min Scan# 579  
Delta R.T. 0.012 min  
Lab File: VW024691.D  
Acq: 30 Sep 2022 10:39

Tgt Ion: 73 Resp: 12596  
Ion Ratio Lower Upper  
73 100  
43 1.5 15.6 23.4#  
57 2.0 18.3 27.5#





#19

1,1-Dichloroethane

Concen: 0.980 ug/L m

RT: 6.208 min Scan# 706

Delta R.T. -0.006 min

Lab File: VW024691.D

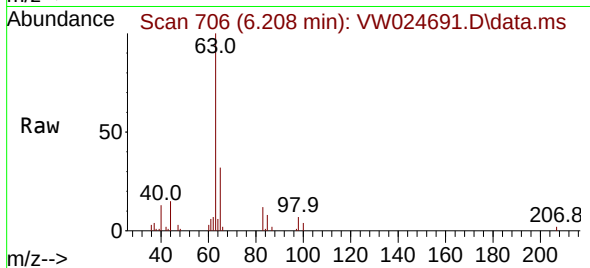
Acq: 30 Sep 2022 10:39

Instrument :

MSVOA\_W

ClientSampleId :

MDL 1 PPB

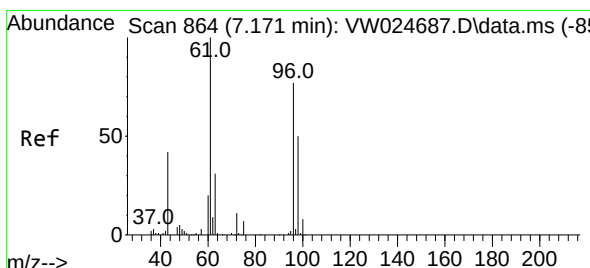
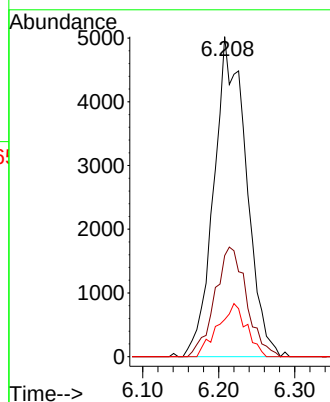
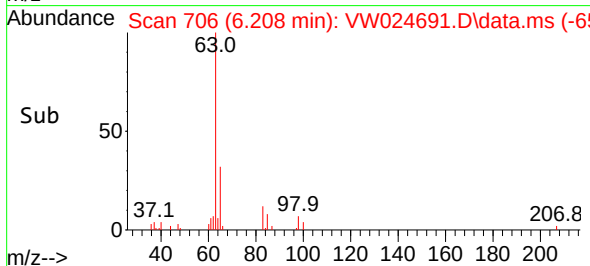


|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 63    | Resp: | 1474 |
| Ion Ratio | Lower | Upper |      |
| 63        | 100   |       |      |
| 65        | 31.6  | 23.7  | 43.9 |
| 83        | 11.6  | 9.4   | 17.6 |

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/01/2022  
Supervised By :Mahesh Dadoda 10/05/2022



#20

cis-1,2-Dichloroethene

Concen: 1.001 ug/L

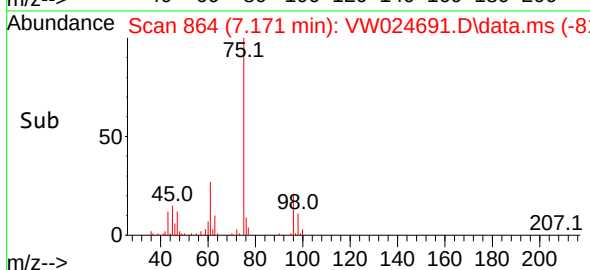
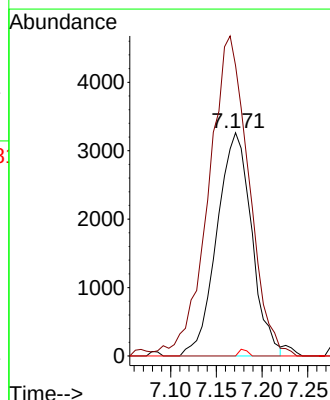
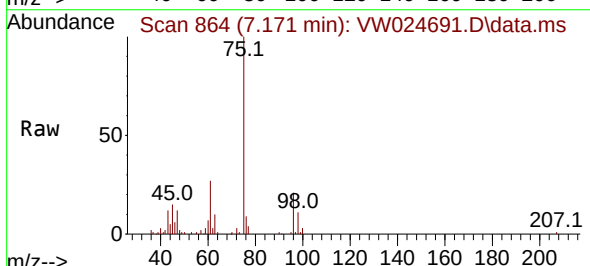
RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

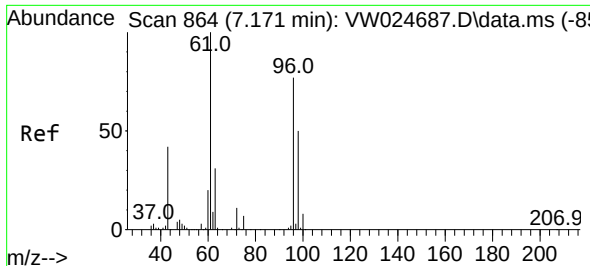
Lab File: VW024691.D

Acq: 30 Sep 2022 10:39

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 96    | Resp: | 8636  |
| Ion Ratio | Lower | Upper |       |
| 96        | 100   |       |       |
| 61        | 130.1 | 90.2  | 167.4 |
| 68        | 0.0   | 0.0   | 0.0   |

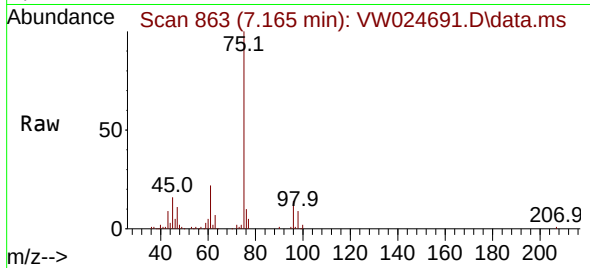






#22  
2-Butanone  
Concen: 3.776 ug/L m  
RT: 7.165 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: VW024691.D  
Acq: 30 Sep 2022 10:39

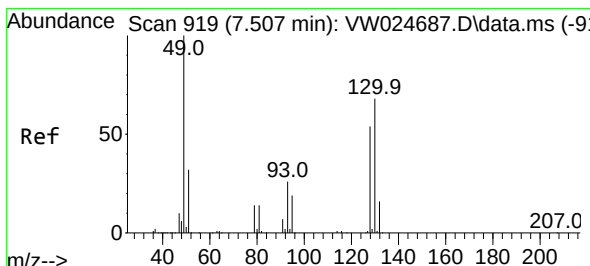
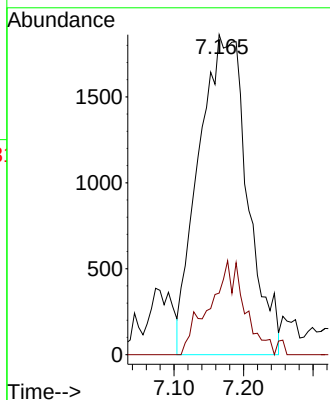
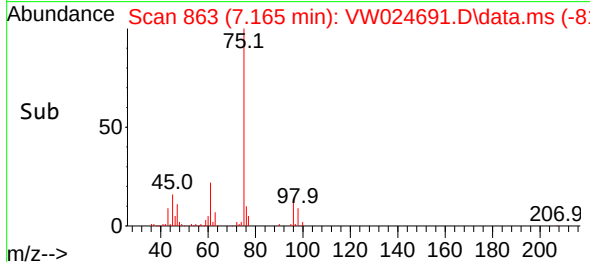
Instrument :  
MSVOA\_W  
ClientSampleId :  
MDL 1 PPB



Tgt Ion: 43 Resp: 906  
Ion Ratio Lower Upper  
43 100  
72 0.4 13.8 41.3

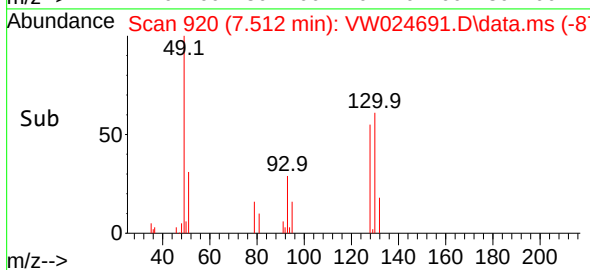
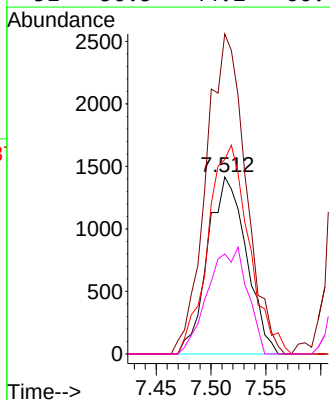
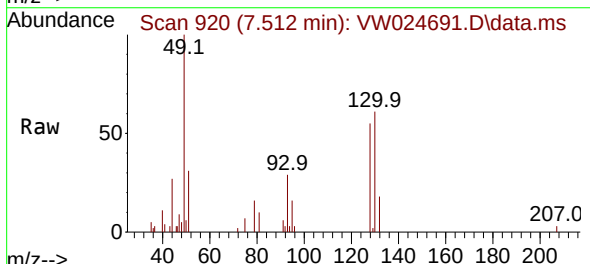
Manual Integrations  
APPROVED

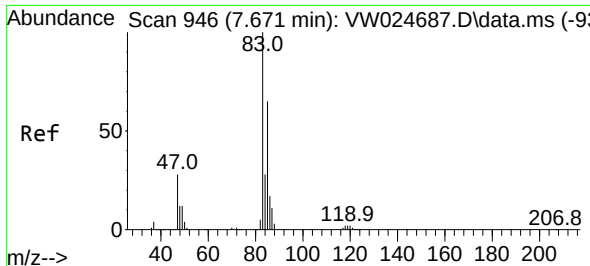
Reviewed By :Semsettin Yesilyurt 10/01/2022  
Supervised By :Mahesh Dadoda 10/05/2022



#23  
Bromochloromethane  
Concen: 0.991 ug/L  
RT: 7.512 min Scan# 920  
Delta R.T. 0.006 min  
Lab File: VW024691.D  
Acq: 30 Sep 2022 10:39

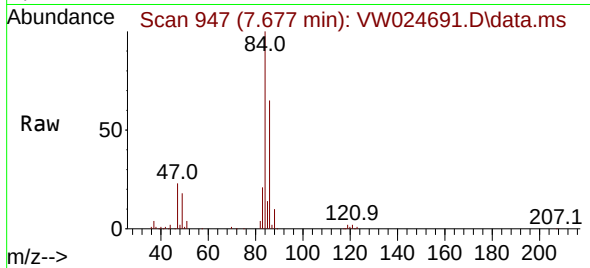
Tgt Ion:128 Resp: 3477  
Ion Ratio Lower Upper  
128 100  
49 180.9 127.3 236.3  
130 109.9 90.2 167.4  
51 56.5 44.2 66.4





#25  
Chloroform  
Concen: 1.132 ug/L  
RT: 7.677 min Scan# 946  
Delta R.T. 0.006 min  
Lab File: VW024691.D  
Acq: 30 Sep 2022 10:39

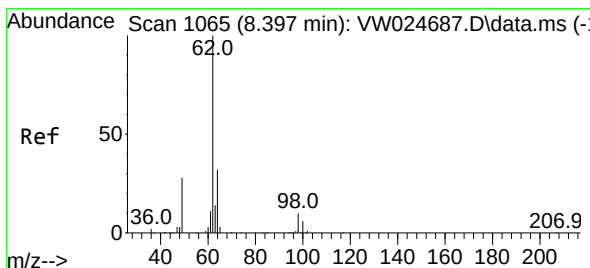
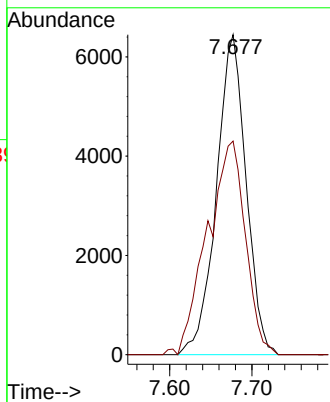
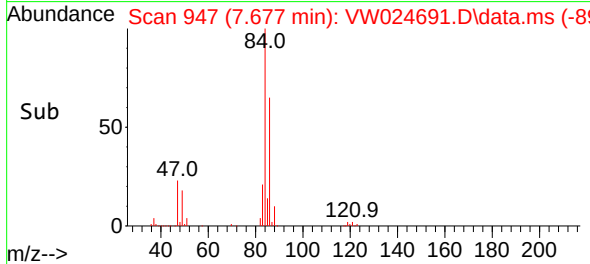
Instrument :  
MSVOA\_W  
ClientSampleId :  
MDL 1 PPB



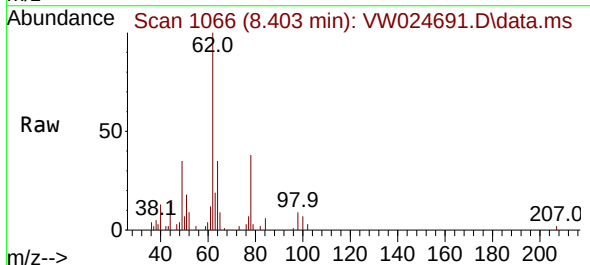
Tgt Ion: 83 Resp: 1614  
Ion Ratio Lower Upper  
83 100  
85 66.7 44.0 81.8

Manual Integrations  
APPROVED

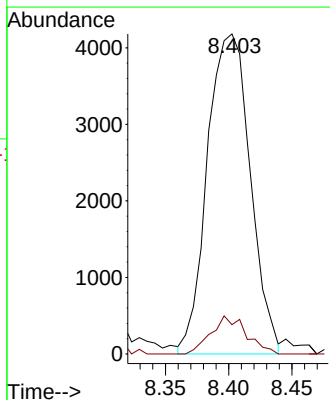
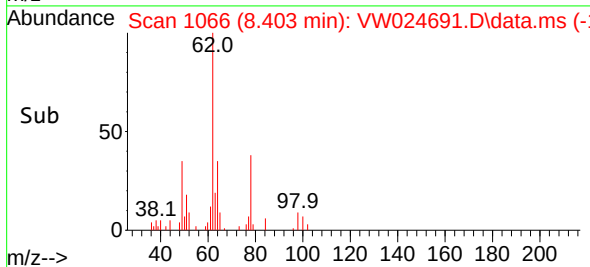
Reviewed By :Semsettin Yesilyurt 10/01/2022  
Supervised By :Mahesh Dadoda 10/05/2022

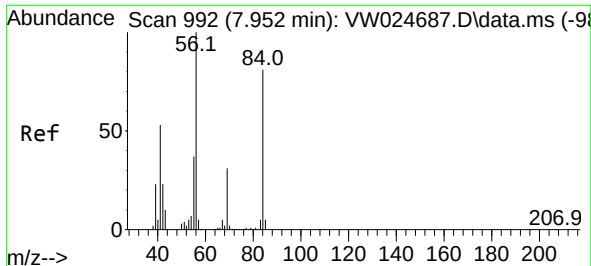


#27  
1,2-Dichloroethane  
Concen: 1.099 ug/L  
RT: 8.403 min Scan# 1066  
Delta R.T. 0.006 min  
Lab File: VW024691.D  
Acq: 30 Sep 2022 10:39



Tgt Ion: 62 Resp: 9862  
Ion Ratio Lower Upper  
62 100  
98 9.2 7.8 11.8





#29

Cyclohexane

Concen: 0.939 ug/L

RT: 7.957 min Scan# 993

Delta R.T. 0.006 min

Lab File: VW024691.D

Acq: 30 Sep 2022 10:39

Instrument :

MSVOA\_W

ClientSampleId :

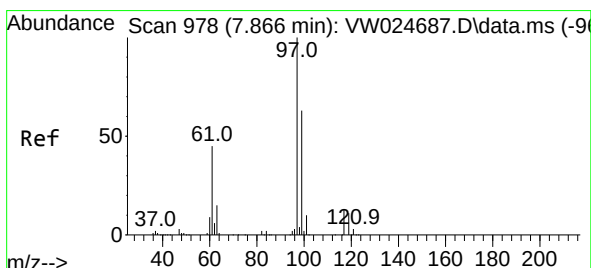
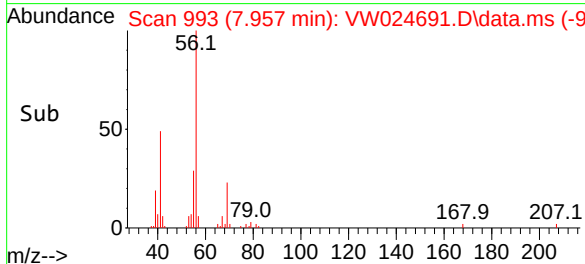
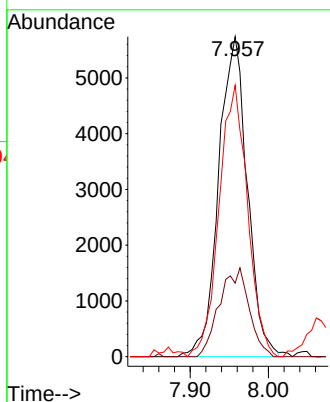
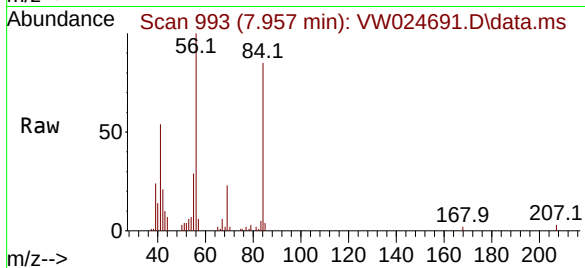
MDL 1 PPB

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 56    | Resp: | 1455  |
| Ion Ratio | Lower | Upper |       |
| 56        | 100   |       |       |
| 69        | 17.0  | 25.0  | 37.4  |
| 84        | 84.4  | 68.1  | 102.1 |

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/01/2022  
Supervised By :Mahesh Dadoda 10/05/2022



#30

1,1,1-Trichloroethane

Concen: 0.964 ug/L

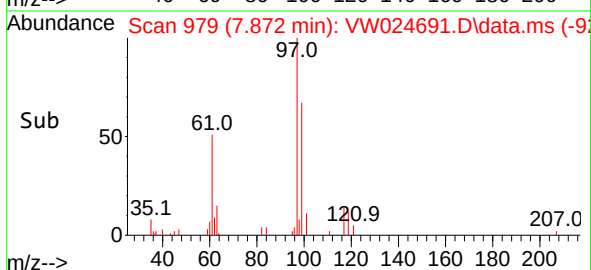
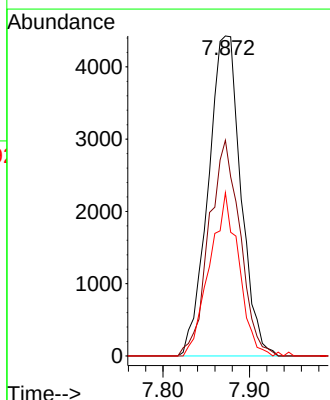
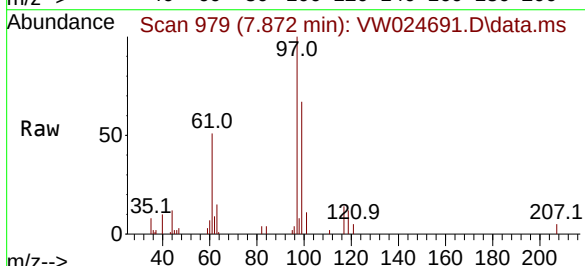
RT: 7.872 min Scan# 979

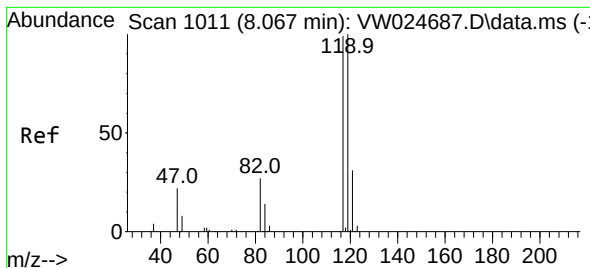
Delta R.T. 0.006 min

Lab File: VW024691.D

Acq: 30 Sep 2022 10:39

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 97    | Resp: | 11600 |
| Ion Ratio | Lower | Upper |       |
| 97        | 100   |       |       |
| 99        | 64.3  | 51.1  | 76.7  |
| 61        | 45.5  | 35.8  | 53.6  |





#31

Carbon tetrachloride

Concen: 0.980 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. -0.000 min

Lab File: VW024691.D

Acq: 30 Sep 2022 10:39

Instrument :

MSVOA\_W

ClientSampleId :

MDL 1 PPB

Tgt Ion:117 Resp: 9989

Ion Ratio Lower Upper

117 100

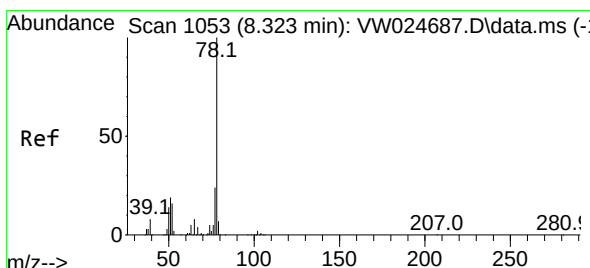
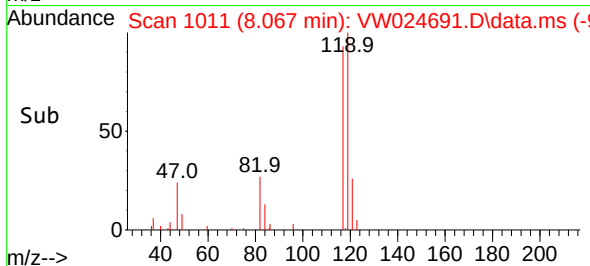
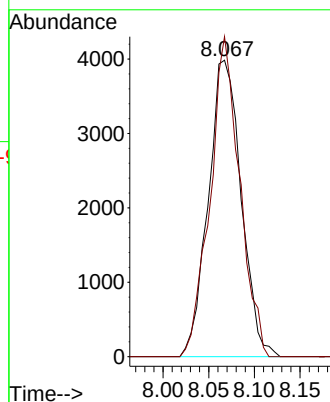
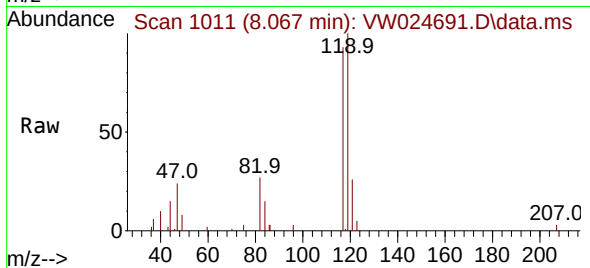
119 97.2 76.2 114.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/01/2022

Supervised By :Mahesh Dadoda 10/05/2022



#33

Benzene

Concen: 1.062 ug/L m

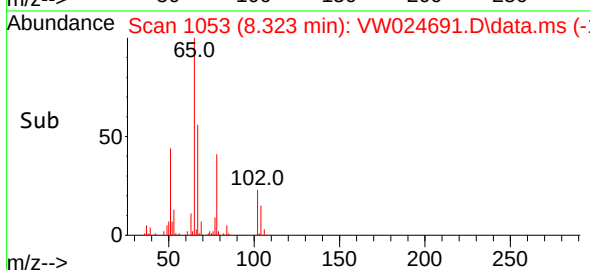
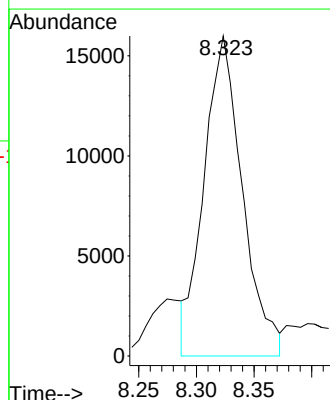
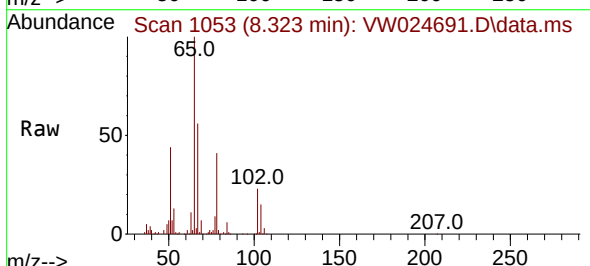
RT: 8.323 min Scan# 1053

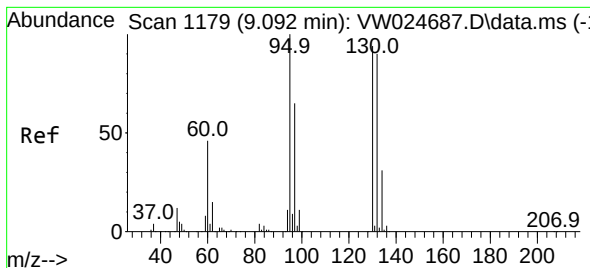
Delta R.T. -0.000 min

Lab File: VW024691.D

Acq: 30 Sep 2022 10:39

Tgt Ion: 78 Resp: 36977





#34

Trichloroethene

Concen: 0.997 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW024691.D

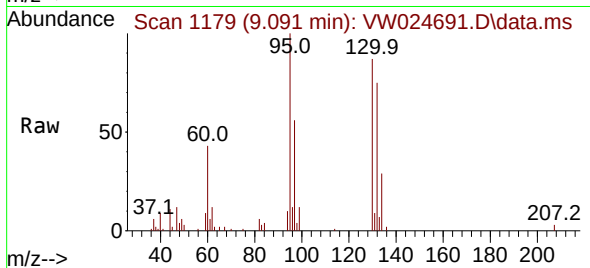
Acq: 30 Sep 2022 10:39

Instrument :

MSVOA\_W

ClientSampleId :

MDL 1 PPB



Tgt Ion: 95 Resp: 879

Ion Ratio Lower Upper

95 100

97 56.2 43.5 80.9

132 74.9 61.2 113.8

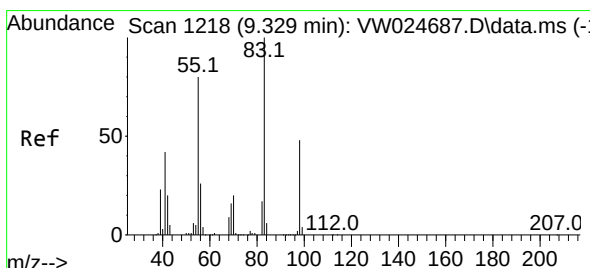
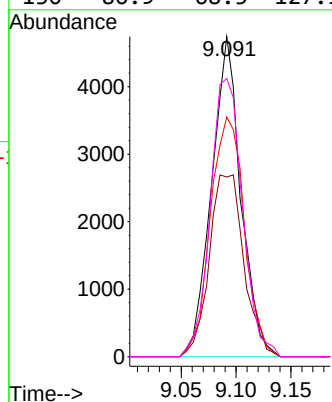
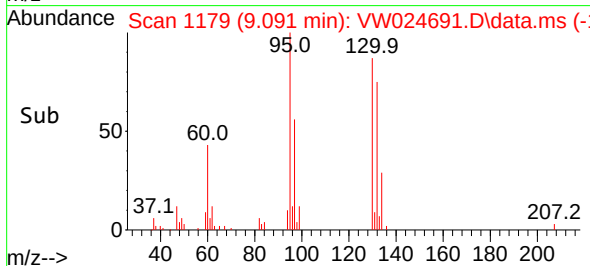
130 86.9 68.5 127.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/01/2022

Supervised By :Mahesh Dadoda 10/05/2022



#35

Methylcyclohexane

Concen: 0.881 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VW024691.D

Acq: 30 Sep 2022 10:39

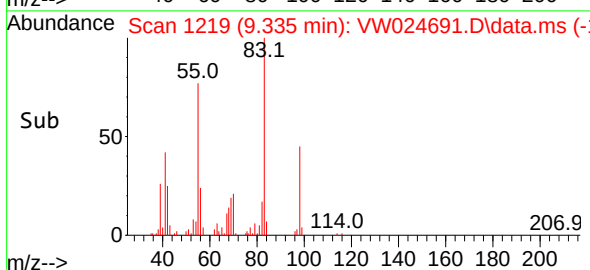
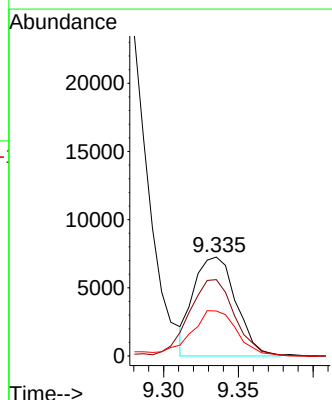
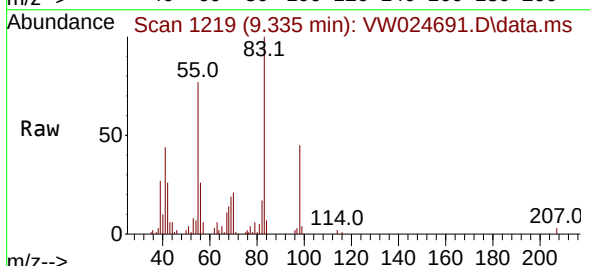
Tgt Ion: 83 Resp: 14253

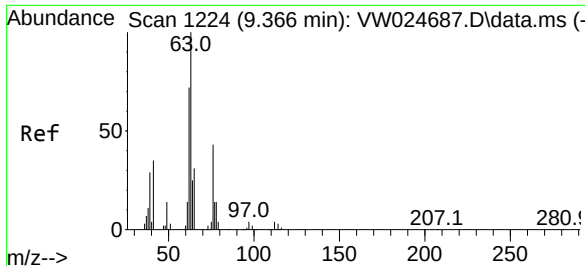
Ion Ratio Lower Upper

83 100

55 83.0 63.1 94.7

98 49.6 38.3 57.5





#37

1,2-Dichloropropane

Concen: 1.035 ug/L

RT: 9.366 min Scan# 112

Delta R.T. -0.000 min

Lab File: VW024691.D

Acq: 30 Sep 2022 10:39

Instrument :

MSVOA\_W

ClientSampleId :

MDL 1 PPB

Tgt Ion: 63 Resp: 8890

Ion Ratio Lower Upper

63 100

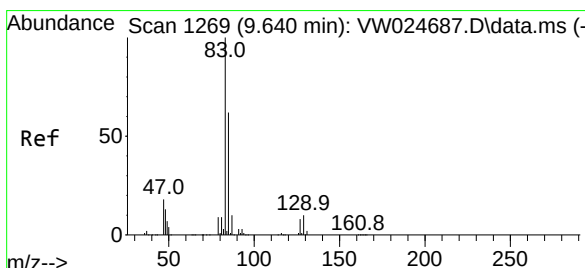
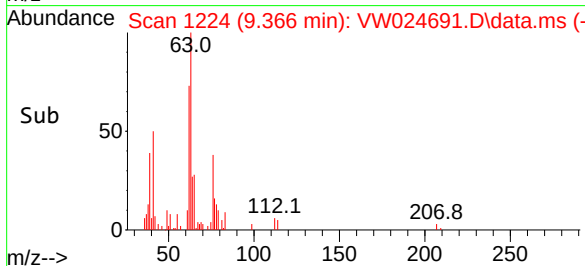
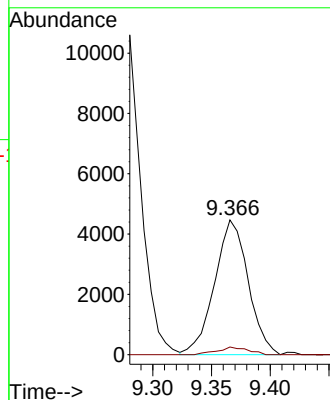
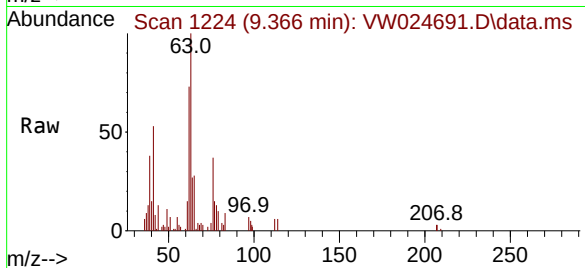
112 5.2 3.6 5.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/01/2022

Supervised By :Mahesh Dadoda 10/05/2022



#38

Bromodichloromethane

Concen: 0.988 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW024691.D

Acq: 30 Sep 2022 10:39

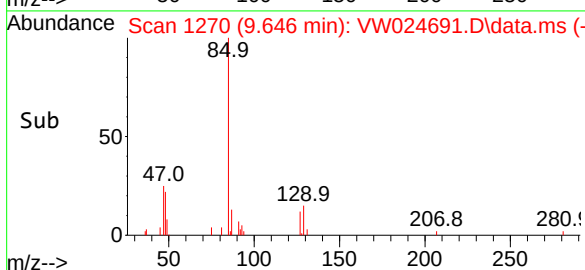
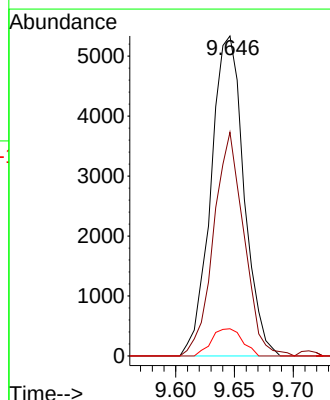
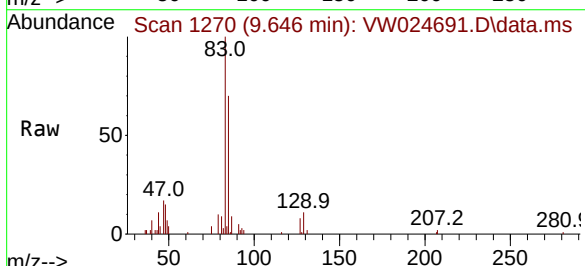
Tgt Ion: 83 Resp: 10450

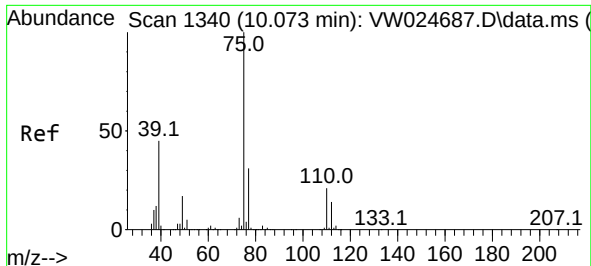
Ion Ratio Lower Upper

83 100

85 69.9 45.6 84.8

127 8.5 6.4 9.6





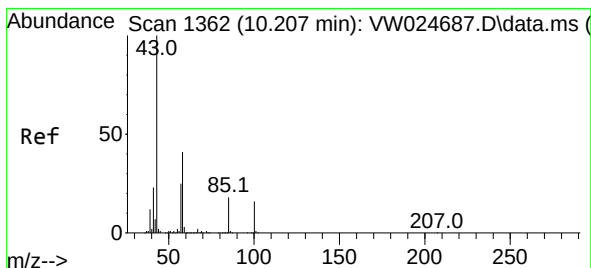
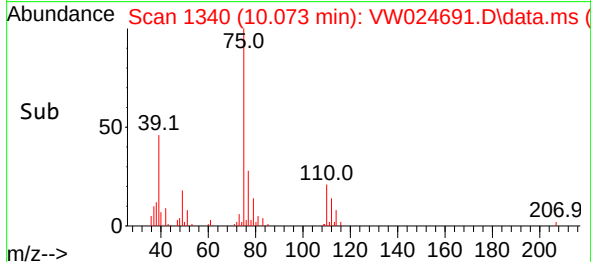
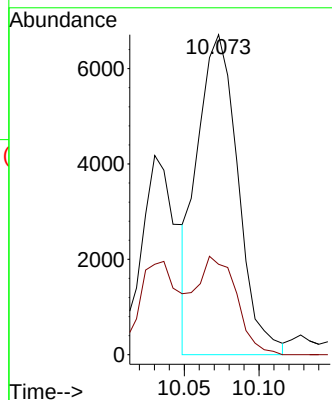
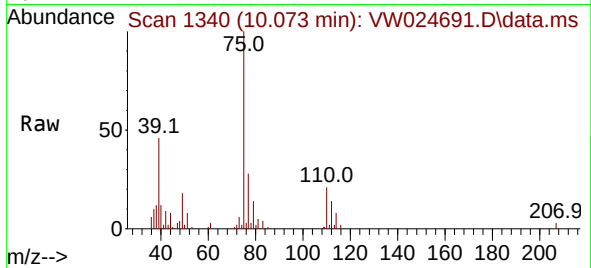
#39  
 cis-1,3-Dichloropropene  
 Concen: 0.934 ug/L m  
 RT: 10.073 min Scan# 1340  
 Delta R.T. -0.000 min  
 Lab File: VW024691.D  
 Acq: 30 Sep 2022 10:39

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 MDL 1 PPB

Tgt Ion: 75 Resp: 1269  
 Ion Ratio Lower Upper  
 75 100  
 77 28.3 22.4 41.6

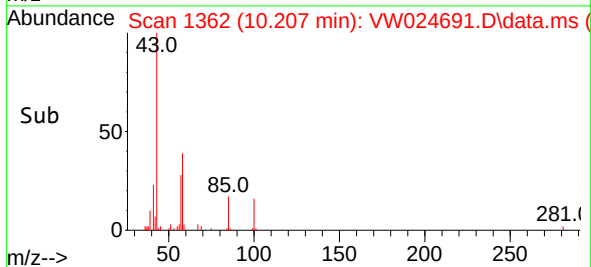
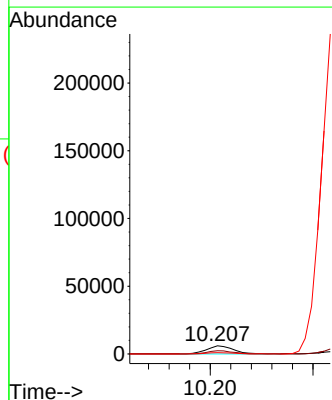
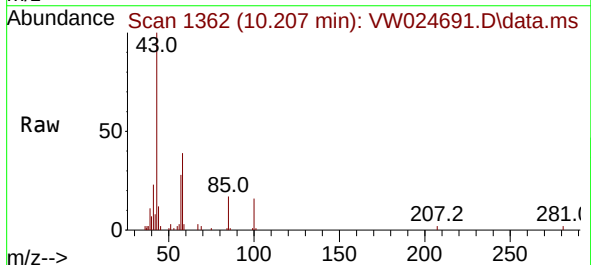
Manual Integrations  
 APPROVED

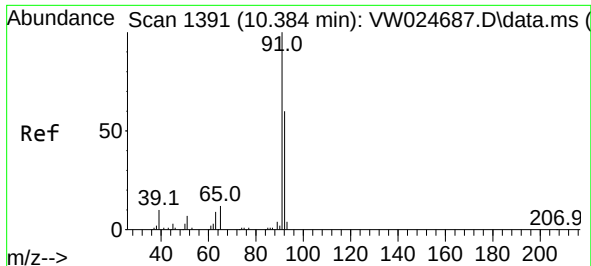
Reviewed By :Semsettin Yesilyurt 10/01/2022  
 Supervised By :Mahesh Dadoda 10/05/2022



#40  
 4-Methyl-2-pentanone  
 Concen: 2.139 ug/L  
 RT: 10.207 min Scan# 1362  
 Delta R.T. -0.000 min  
 Lab File: VW024691.D  
 Acq: 30 Sep 2022 10:39

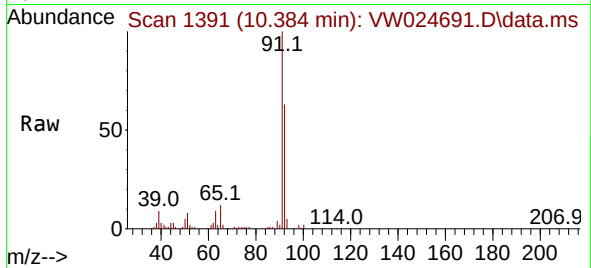
Tgt Ion: 43 Resp: 10879  
 Ion Ratio Lower Upper  
 43 100  
 58 39.4 32.9 49.3  
 100 16.4 12.6 19.0





#42  
Toluene  
Concen: 1.144 ug/L  
RT: 10.384 min Scan# 1391  
Delta R.T. -0.000 min  
Lab File: VW024691.D  
Acq: 30 Sep 2022 10:39

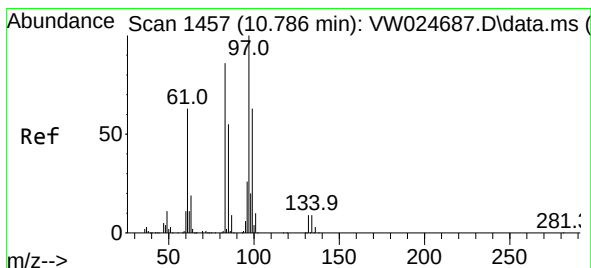
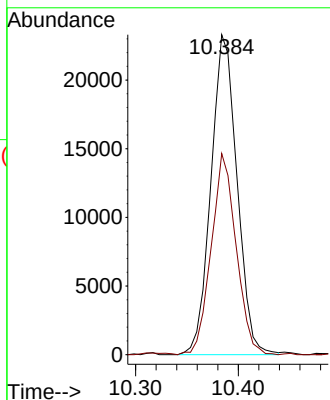
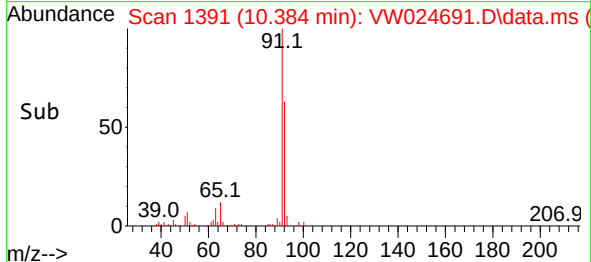
Instrument :  
MSVOA\_W  
ClientSampleId :  
MDL 1 PPB



Tgt Ion: 91 Resp: 41109  
Ion Ratio Lower Upper  
91 100  
92 62.8 41.0 76.2

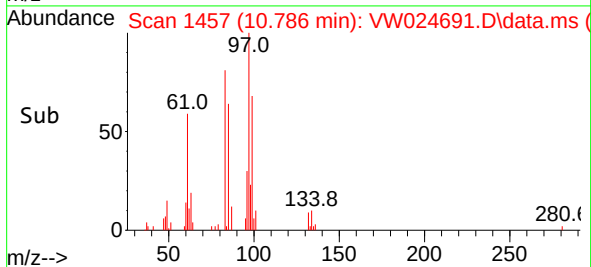
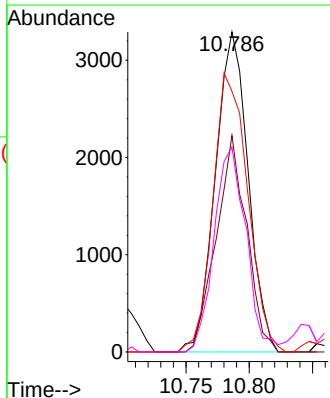
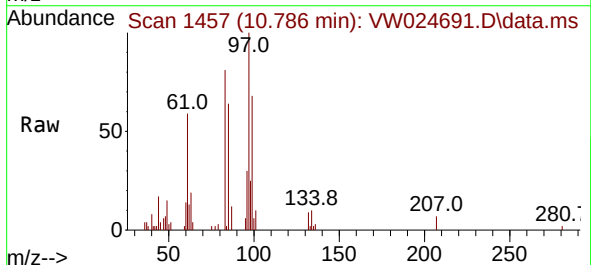
Manual Integrations  
APPROVED

Reviewed By :Semsettin Yesilyurt 10/01/2022  
Supervised By :Mahesh Dadoda 10/05/2022

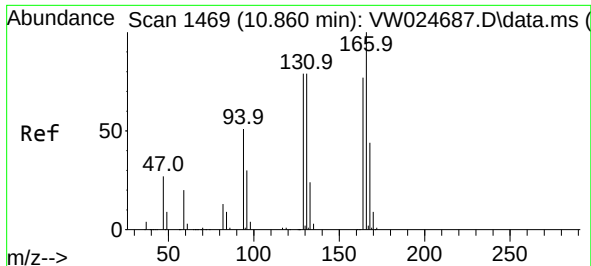


#45  
1,1,2-Trichloroethane  
Concen: 1.009 ug/L  
RT: 10.786 min Scan# 1457  
Delta R.T. -0.000 min  
Lab File: VW024691.D  
Acq: 30 Sep 2022 10:39

Tgt Ion: 97 Resp: 5922  
Ion Ratio Lower Upper  
97 100  
99 67.6 43.8 81.4  
83 81.5 60.1 111.5  
85 64.0 38.9 72.2

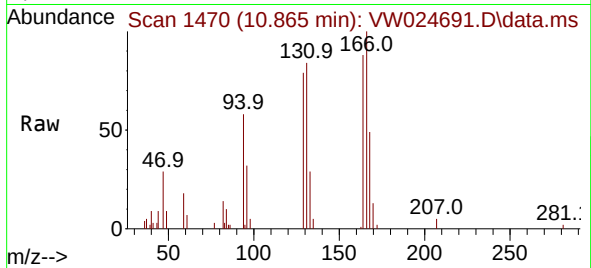






#46  
Tetrachloroethene  
Concen: 0.988 ug/L  
RT: 10.865 min Scan# 1469  
Delta R.T. 0.006 min  
Lab File: VW024691.D  
Acq: 30 Sep 2022 10:39

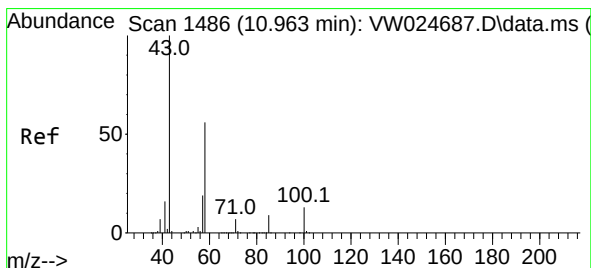
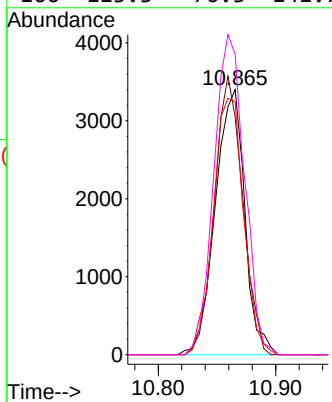
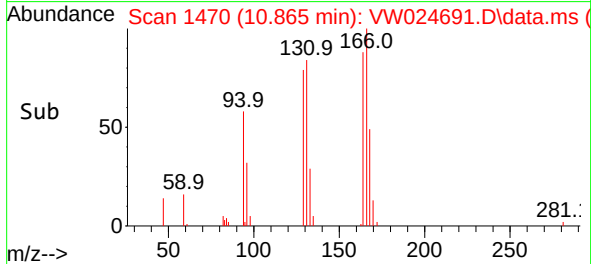
Instrument :  
MSVOA\_W  
ClientSampleId :  
MDL 1 PPB



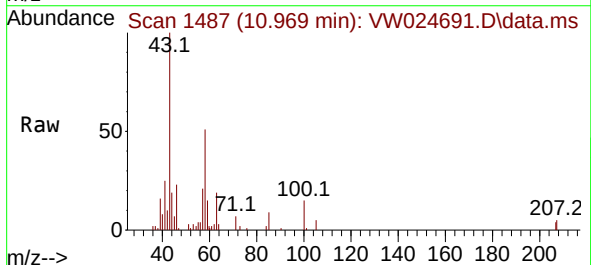
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 129     | 89.6  | 74.1  | 137.5 |
| 131     | 95.4  | 71.5  | 132.7 |
| 166     | 113.3 | 76.3  | 141.7 |

Manual Integrations  
APPROVED

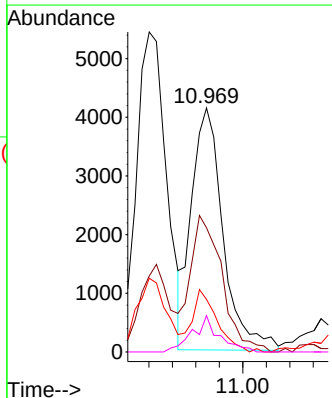
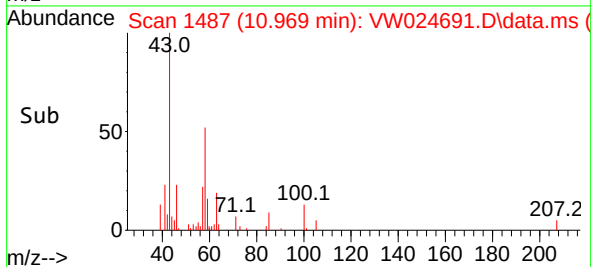
Reviewed By :Semsettin Yesilyurt 10/01/2022  
Supervised By :Mahesh Dadoda 10/05/2022

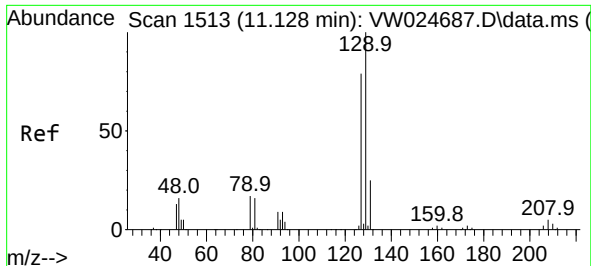


#48  
2-Hexanone  
Concen: 2.249 ug/L  
RT: 10.969 min Scan# 1487  
Delta R.T. 0.006 min  
Lab File: VW024691.D  
Acq: 30 Sep 2022 10:39



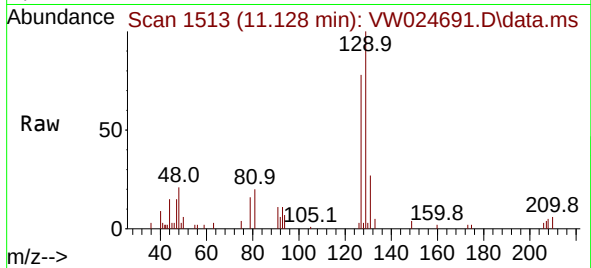
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 56.4  | 45.3  | 67.9  |
| 57      | 20.4  | 16.3  | 24.5  |
| 100     | 12.6  | 10.4  | 15.6  |





#49  
Dibromochloromethane  
Concen: 0.971 ug/L  
RT: 11.128 min Scan# 1513  
Delta R.T. -0.000 min  
Lab File: VW024691.D  
Acq: 30 Sep 2022 10:39

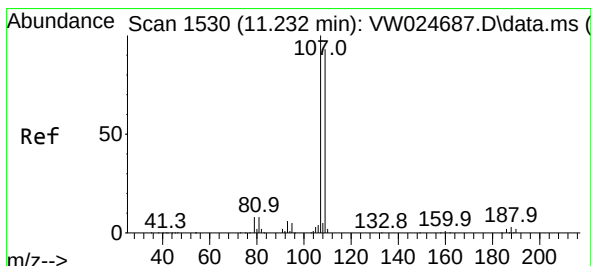
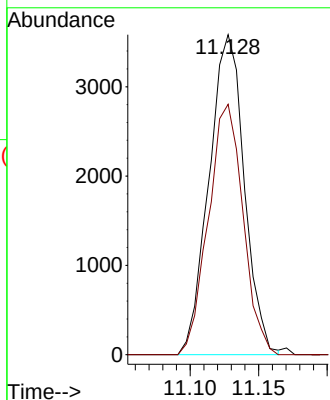
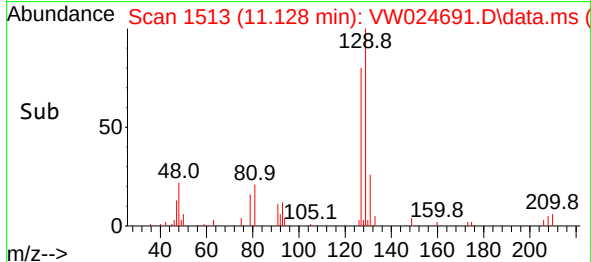
Instrument :  
MSVOA\_W  
ClientSampleId :  
MDL 1 PPB



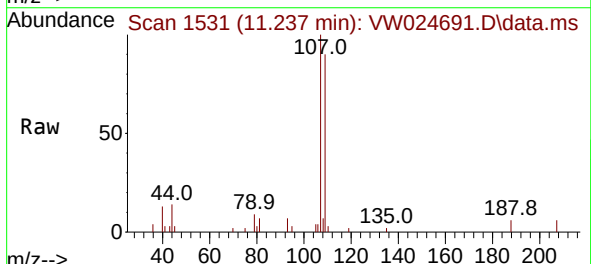
Tgt Ion:129 Resp: 6420  
Ion Ratio Lower Upper  
129 100  
127 78.2 52.4 97.4

Manual Integrations  
APPROVED

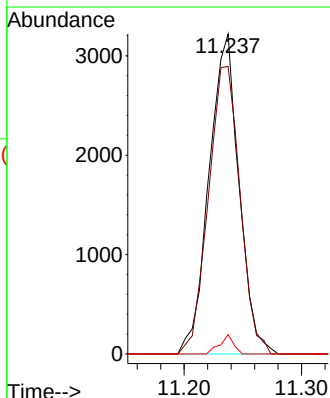
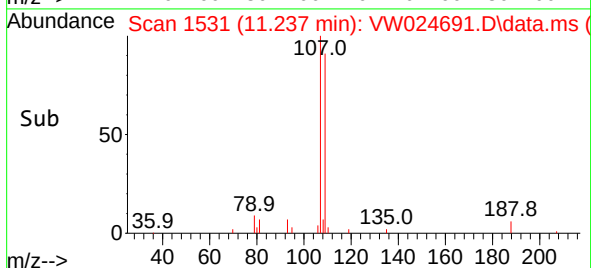
Reviewed By :Semsettin Yesilyurt 10/01/2022  
Supervised By :Mahesh Dadoda 10/05/2022

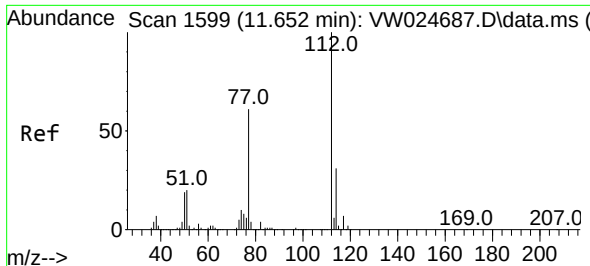


#50  
1,2-Dibromoethane  
Concen: 1.025 ug/L  
RT: 11.237 min Scan# 1531  
Delta R.T. 0.006 min  
Lab File: VW024691.D  
Acq: 30 Sep 2022 10:39



Tgt Ion:107 Resp: 5695  
Ion Ratio Lower Upper  
107 100  
109 89.8 65.5 121.7  
188 6.0 2.4 3.6#





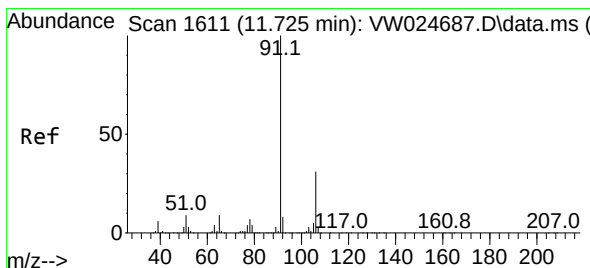
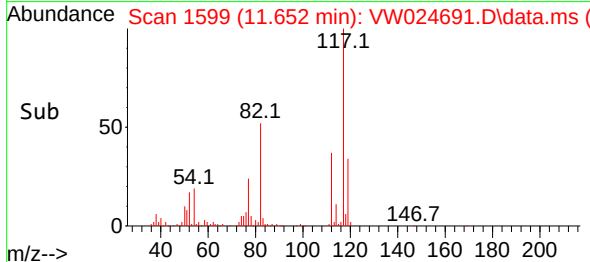
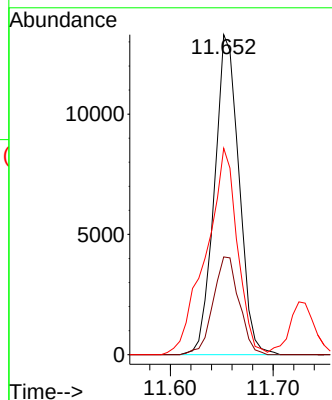
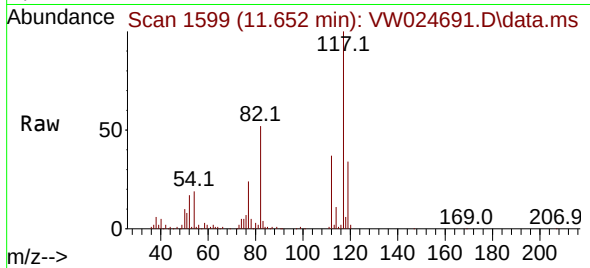
#51  
Chlorobenzene  
Concen: 1.003 ug/L  
RT: 11.652 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VW024691.D  
Acq: 30 Sep 2022 10:39

Instrument :  
MSVOA\_W  
ClientSampleId :  
MDL 1 PPB

Tgt Ion: 112 Resp: 22072  
Ion Ratio Lower Upper  
112 100  
114 30.6 23.3 43.3  
77 64.5 49.1 73.7

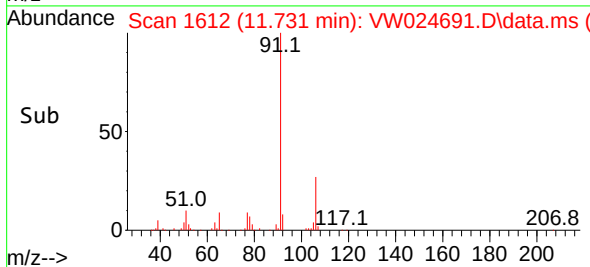
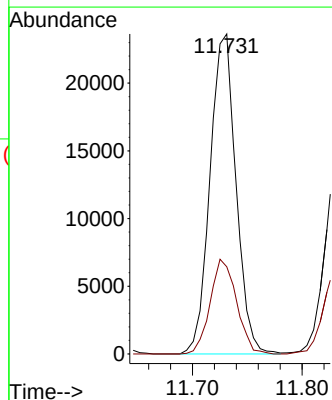
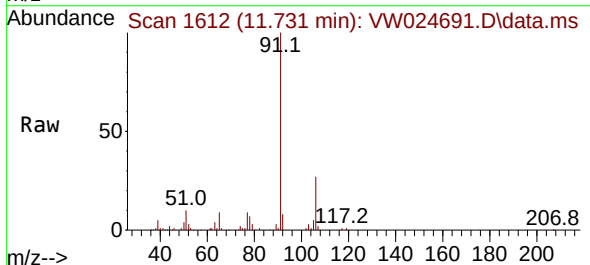
Manual Integrations  
APPROVED

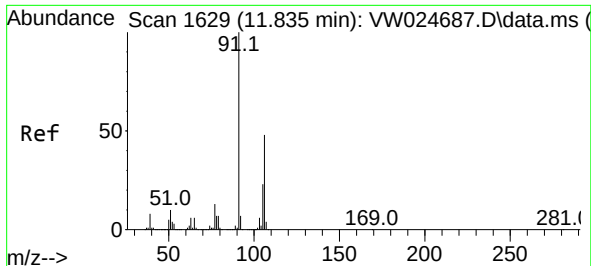
Reviewed By :Semsettin Yesilyurt 10/01/2022  
Supervised By :Mahesh Dadoda 10/05/2022



#52  
Ethylbenzene  
Concen: 0.984 ug/L  
RT: 11.731 min Scan# 1612  
Delta R.T. 0.006 min  
Lab File: VW024691.D  
Acq: 30 Sep 2022 10:39

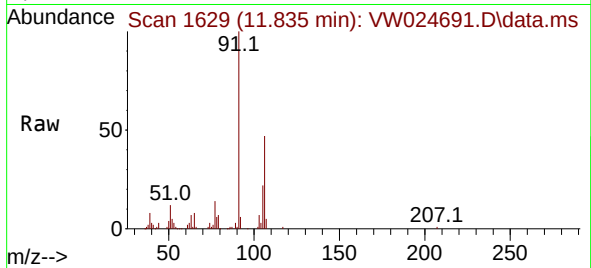
Tgt Ion: 91 Resp: 38980  
Ion Ratio Lower Upper  
91 100  
106 27.2 21.5 39.9





#53  
m,p-Xylene  
Concen: 0.973 ug/L  
RT: 11.835 min Scan# 1629  
Delta R.T. -0.000 min  
Lab File: VW024691.D  
Acq: 30 Sep 2022 10:39

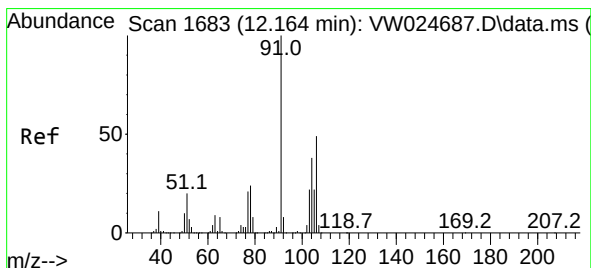
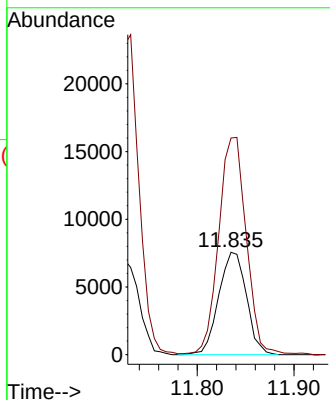
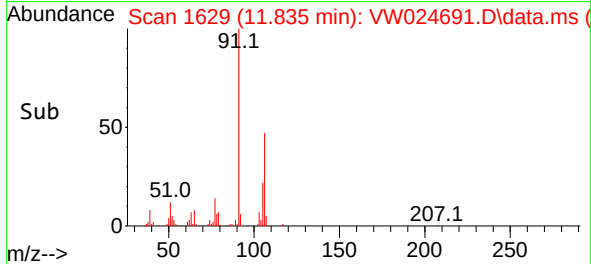
Instrument :  
MSVOA\_W  
ClientSampleId :  
MDL 1 PPB



Tgt Ion:106 Resp: 15038  
Ion Ratio Lower Upper  
106 100  
91 211.8 146.8 272.6

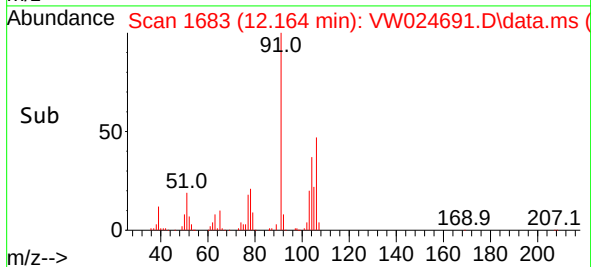
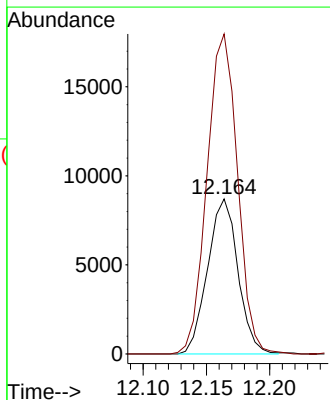
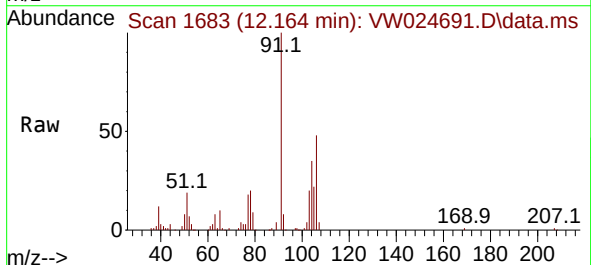
Manual Integrations  
APPROVED

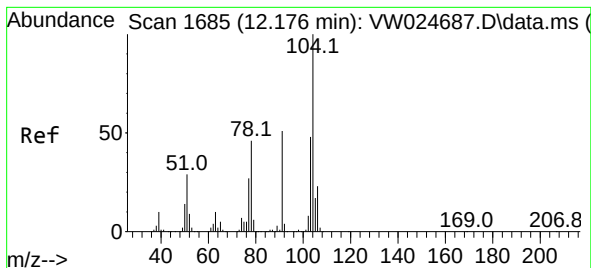
Reviewed By :Semsettin Yesilyurt 10/01/2022  
Supervised By :Mahesh Dadoda 10/05/2022



#54  
o-Xylene  
Concen: 0.995 ug/L  
RT: 12.164 min Scan# 1683  
Delta R.T. -0.000 min  
Lab File: VW024691.D  
Acq: 30 Sep 2022 10:39

Tgt Ion:106 Resp: 14524  
Ion Ratio Lower Upper  
106 100  
91 206.4 146.3 271.7





#55

Styrene

Concen: 0.959 ug/L

RT: 12.182 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW024691.D

Acq: 30 Sep 2022 10:39

Instrument :

MSVOA\_W

ClientSampleId :

MDL 1 PPB

Tgt Ion:104 Resp: 2360

Ion Ratio Lower Upper

104 100

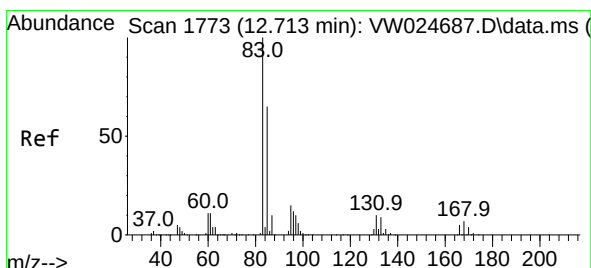
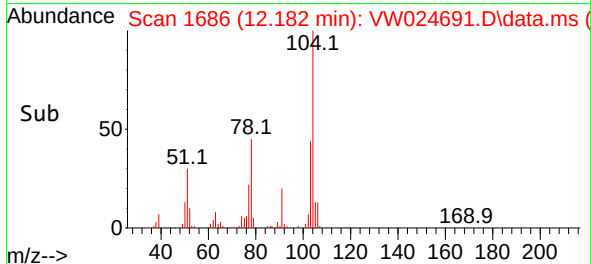
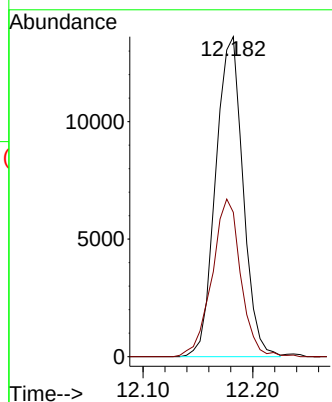
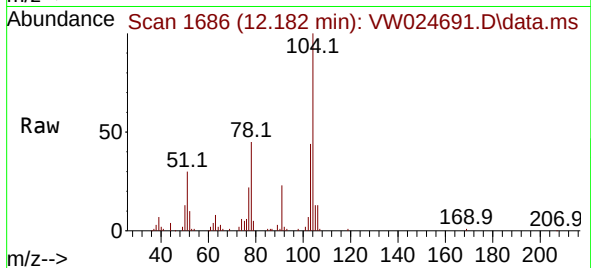
78 45.1 33.5 62.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/01/2022

Supervised By :Mahesh Dadoda 10/05/2022



#57

1,1,2,2-Tetrachloroethane

Concen: 1.257 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW024691.D

Acq: 30 Sep 2022 10:39

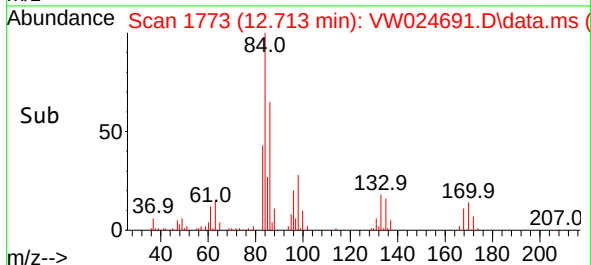
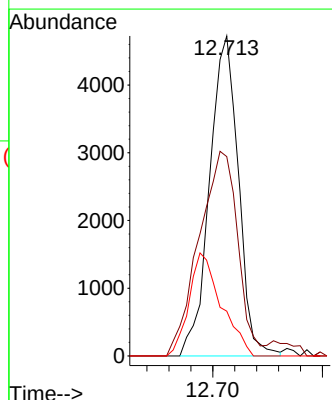
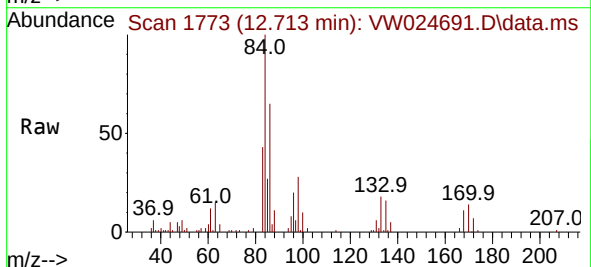
Tgt Ion: 83 Resp: 8637

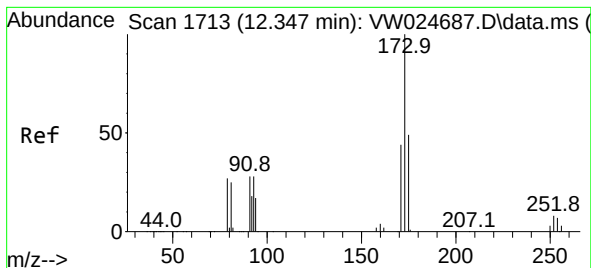
Ion Ratio Lower Upper

83 100

85 62.3 45.2 84.0

131 14.0 7.3 10.9#





#59

Bromoform

Concen: 1.017 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW024691.D

Acq: 30 Sep 2022 10:39

Instrument :

MSVOA\_W

ClientSampleId :

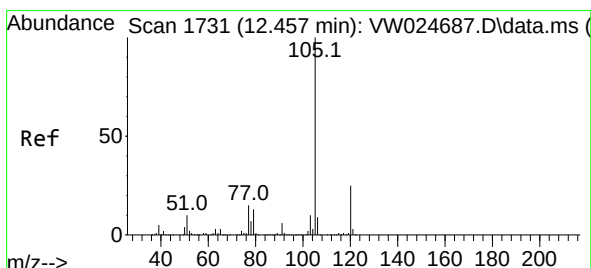
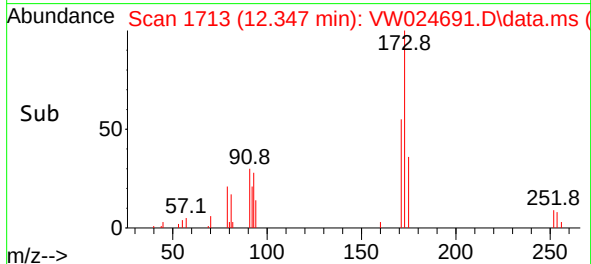
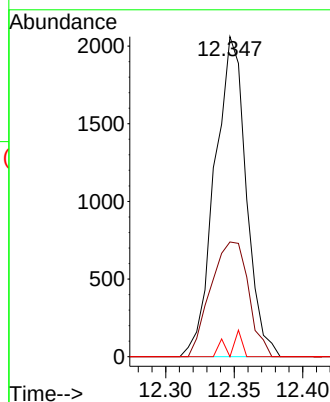
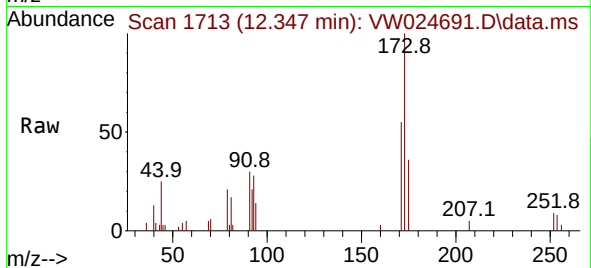
MDL 1 PPB

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 173   | Resp: | 328  |
| Ion Ratio | Lower | Upper |      |
| 173       | 100   |       |      |
| 175       | 43.1  | 37.7  | 56.5 |
| 254       | 1.3   | 6.7   | 10.1 |

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/01/2022  
Supervised By :Mahesh Dadoda 10/05/2022



#60

Isopropylbenzene

Concen: 0.992 ug/L

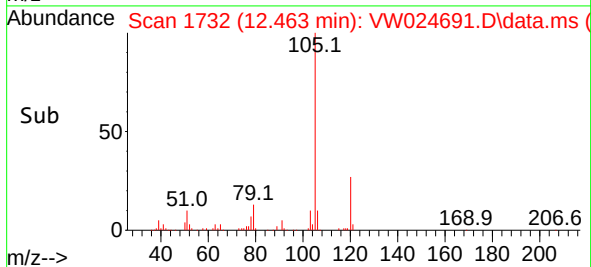
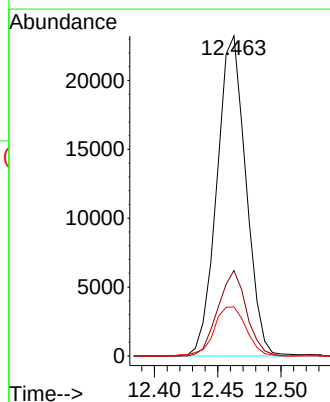
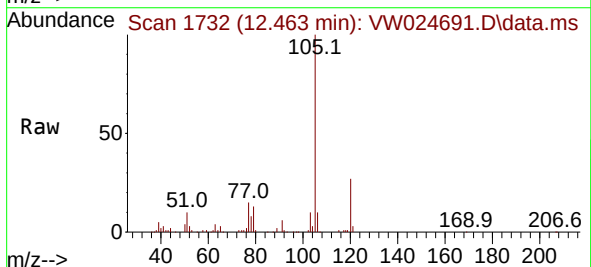
RT: 12.463 min Scan# 1732

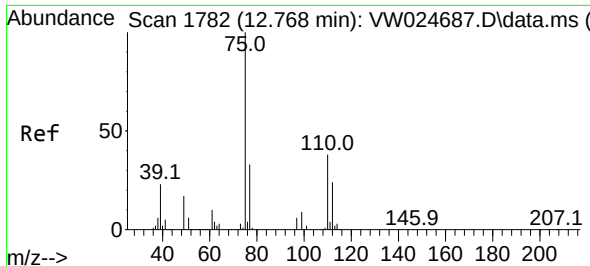
Delta R.T. 0.006 min

Lab File: VW024691.D

Acq: 30 Sep 2022 10:39

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 36990 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 120       | 26.2  | 20.9  | 31.3  |
| 77        | 17.1  | 12.7  | 19.1  |





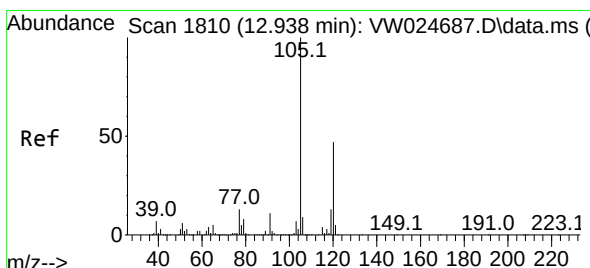
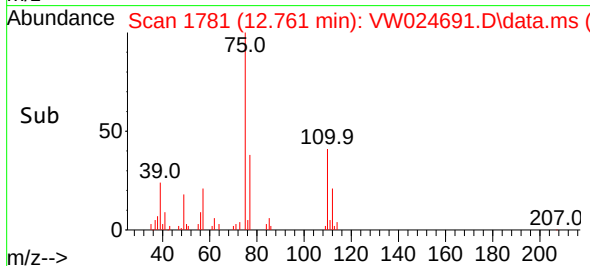
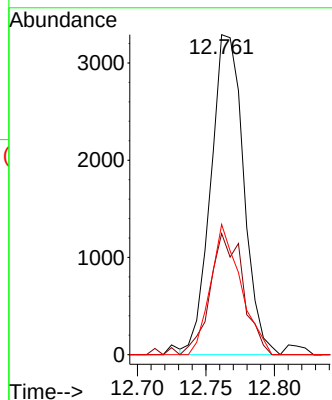
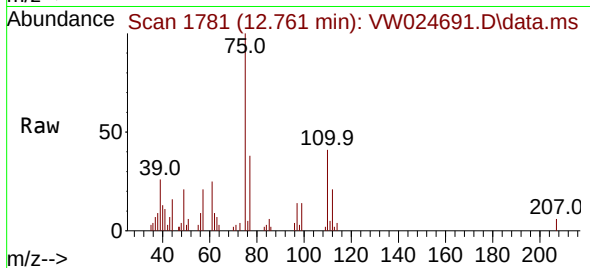
#61  
1,2,3-Trichloropropane  
Concen: 1.114 ug/L  
RT: 12.761 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VW024691.D  
Acq: 30 Sep 2022 10:39

Instrument :  
MSVOA\_W  
ClientSampleId :  
MDL 1 PPB

Tgt Ion: 75 Resp: 548  
Ion Ratio Lower Upper  
75 100  
77 38.0 25.8 38.6  
110 37.4 29.2 43.8

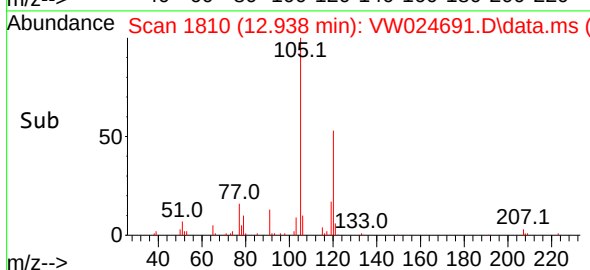
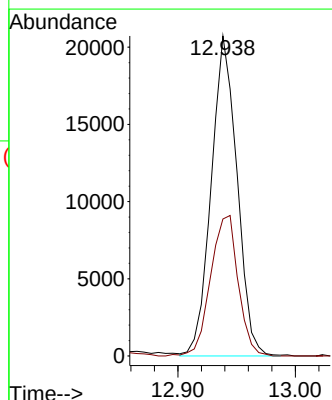
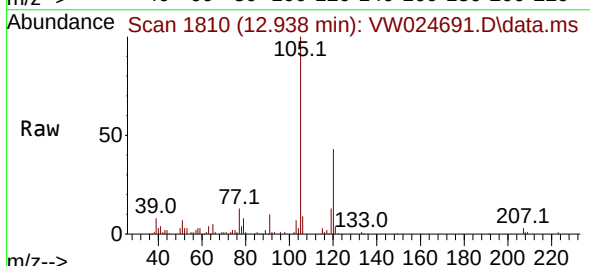
Manual Integrations  
APPROVED

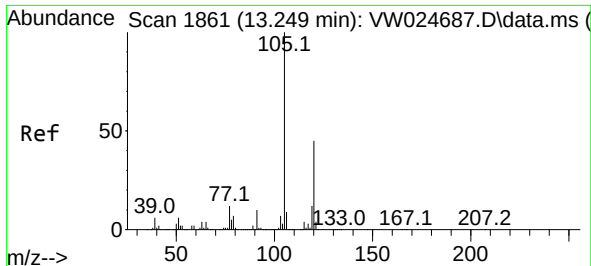
Reviewed By :Semsettin Yesilyurt 10/01/2022  
Supervised By :Mahesh Dadoda 10/05/2022



#62  
1,3,5-Trimethylbenzene  
Concen: 0.975 ug/L  
RT: 12.938 min Scan# 1810  
Delta R.T. -0.000 min  
Lab File: VW024691.D  
Acq: 30 Sep 2022 10:39

Tgt Ion:105 Resp: 31591  
Ion Ratio Lower Upper  
105 100  
120 46.9 38.8 58.2





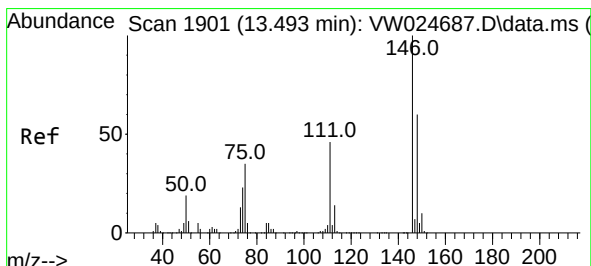
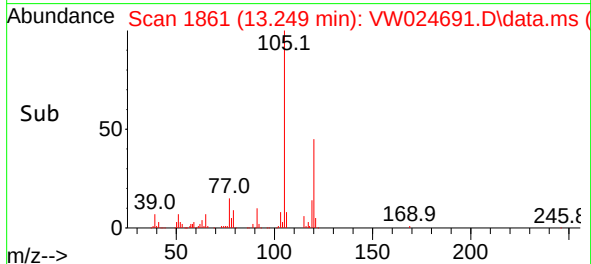
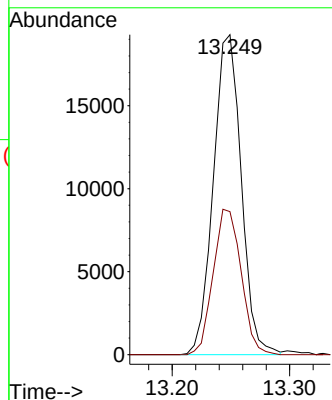
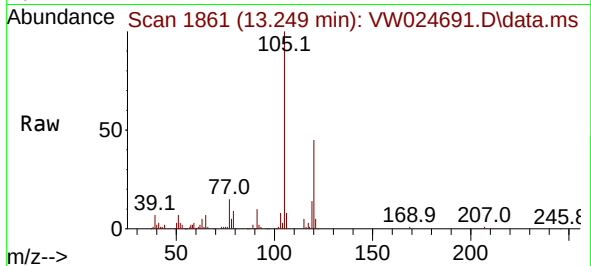
#63  
1,2,4-Trimethylbenzene  
Concen: 1.002 ug/L  
RT: 13.249 min Scan# 1861  
Delta R.T. -0.000 min  
Lab File: VW024691.D  
Acq: 30 Sep 2022 10:39

Instrument :  
MSVOA\_W  
ClientSampleId :  
MDL 1 PPB

Tgt Ion:105 Resp: 31814  
Ion Ratio Lower Upper  
105 100  
120 45.6 35.2 52.8

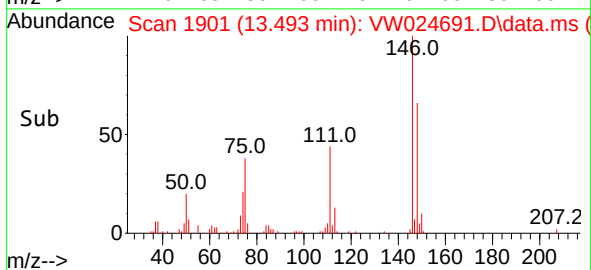
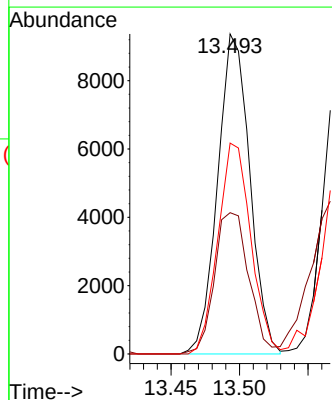
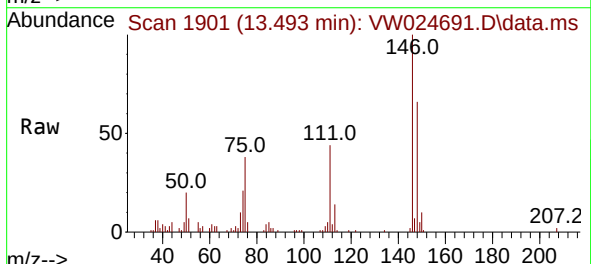
Manual Integrations  
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Reviewed By :Semsettin Yesilyurt 10/01/2022  
Supervised By :Mahesh Dadoda 10/05/2022

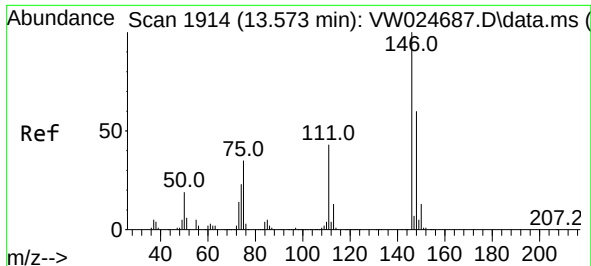


#64  
1,3-Dichlorobenzene  
Concen: 1.012 ug/L  
RT: 13.493 min Scan# 1901  
Delta R.T. -0.000 min  
Lab File: VW024691.D  
Acq: 30 Sep 2022 10:39

Tgt Ion:146 Resp: 15329  
Ion Ratio Lower Upper  
146 100  
111 44.2 31.6 58.6  
148 65.9 38.1 70.9







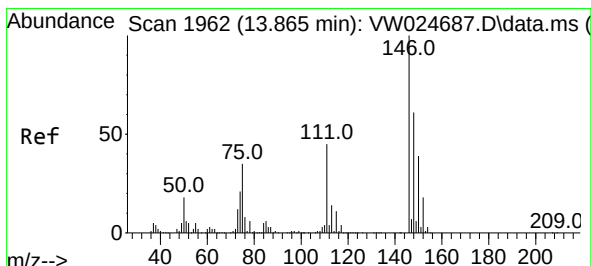
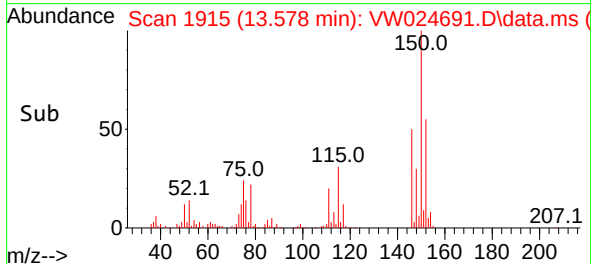
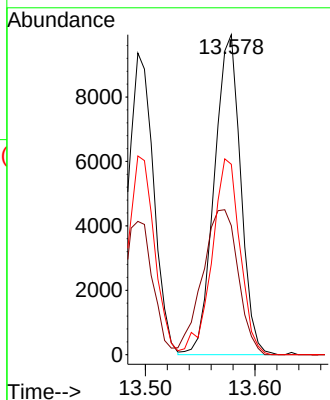
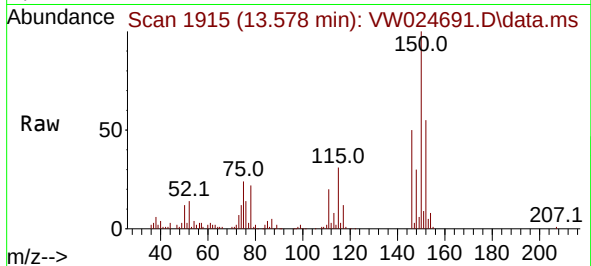
#65  
1,4-Dichlorobenzene  
Concen: 1.124 ug/L  
RT: 13.578 min Scan# 1914  
Delta R.T. 0.006 min  
Lab File: VW024691.D  
Acq: 30 Sep 2022 10:39

Instrument :  
MSVOA\_W  
ClientSampleId :  
MDL 1 PPB

Tgt Ion:146 Resp: 16578  
Ion Ratio Lower Upper  
146 100  
111 40.3 29.4 54.6  
148 59.5 39.6 73.6

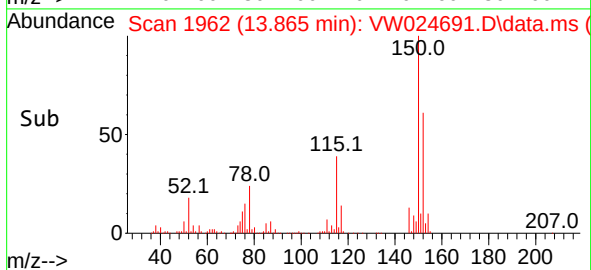
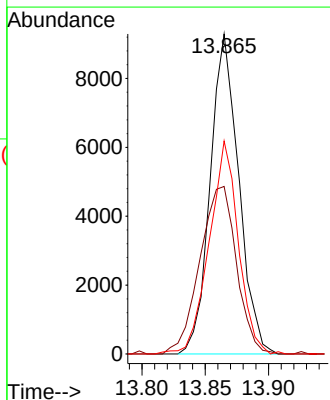
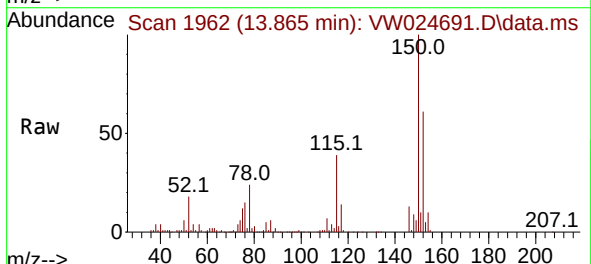
Manual Integrations  
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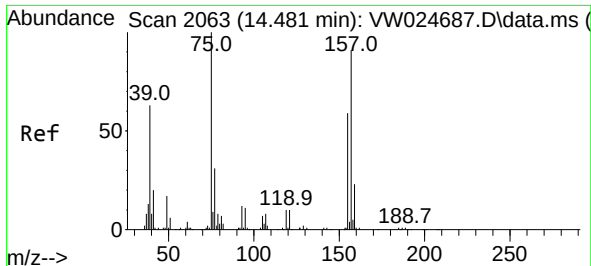
Reviewed By :Semsettin Yesilyurt 10/01/2022  
Supervised By :Mahesh Dadoda 10/05/2022



#67  
1,2-Dichlorobenzene  
Concen: 1.104 ug/L  
RT: 13.865 min Scan# 1962  
Delta R.T. -0.000 min  
Lab File: VW024691.D  
Acq: 30 Sep 2022 10:39

Tgt Ion:146 Resp: 14567  
Ion Ratio Lower Upper  
146 100  
111 52.3 37.2 55.8  
148 66.5 53.0 79.6





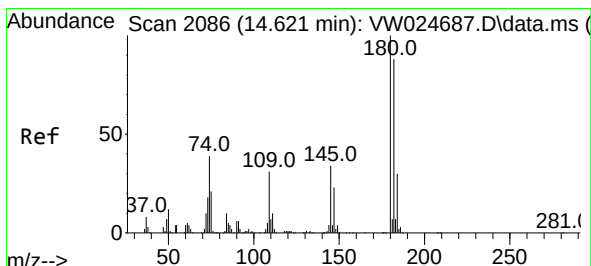
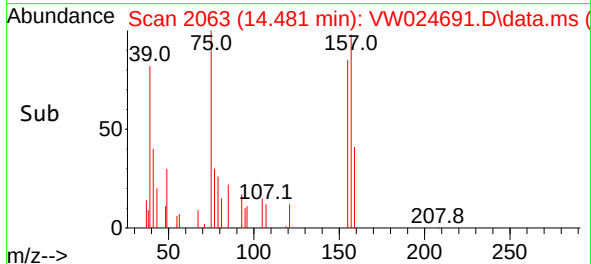
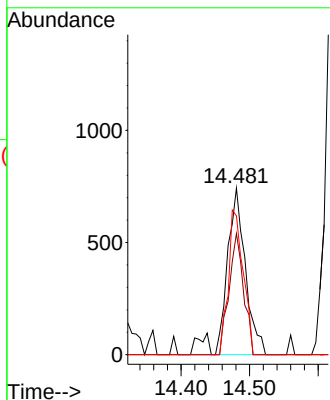
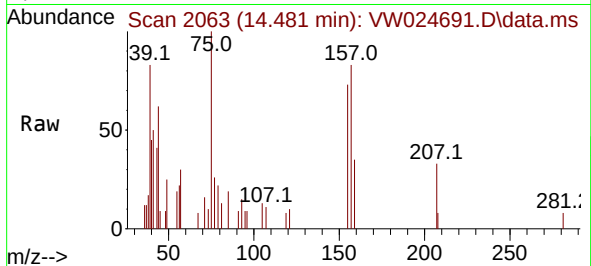
#68  
1,2-Dibromo-3-chloropropane  
Concen: 1.236 ug/L  
RT: 14.481 min Scan# 2063  
Delta R.T. -0.000 min  
Lab File: VW024691.D  
Acq: 30 Sep 2022 10:39

Instrument :  
MSVOA\_W  
ClientSampleId :  
MDL 1 PPB

Tgt Ion: 75 Resp: 1440  
Ion Ratio Lower Upper  
75 100  
155 72.7 57.6 86.4  
157 83.3 73.0 109.6

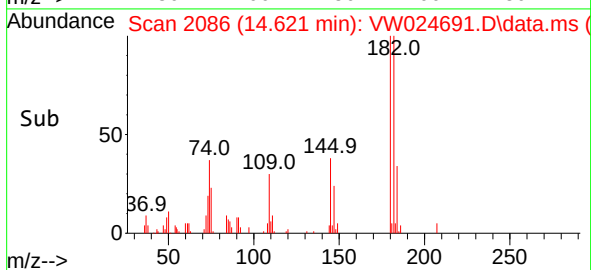
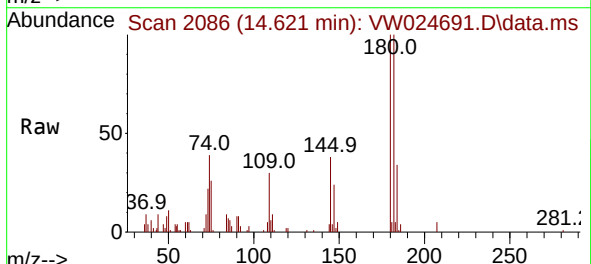
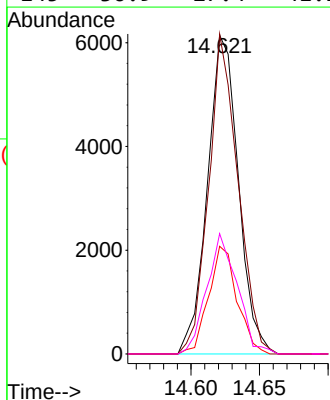
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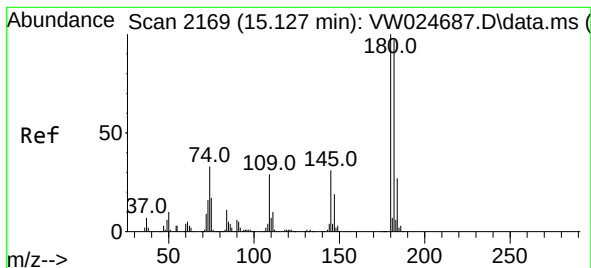
Reviewed By :Semsettin Yesilyurt 10/01/2022  
Supervised By :Mahesh Dadoda 10/05/2022



#69  
1,3,5-Trichlorobenzene  
Concen: 0.958 ug/L  
RT: 14.621 min Scan# 2086  
Delta R.T. -0.000 min  
Lab File: VW024691.D  
Acq: 30 Sep 2022 10:39

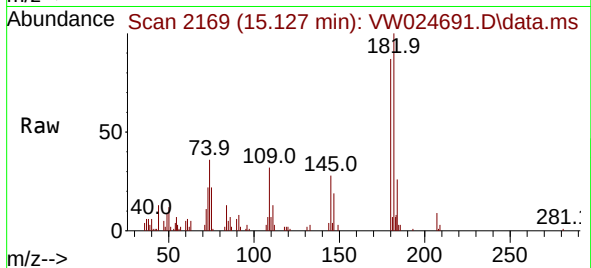
Tgt Ion:180 Resp: 9633  
Ion Ratio Lower Upper  
180 100  
182 94.9 77.1 115.7  
184 31.2 23.3 34.9  
145 36.9 27.4 41.2





#70  
1,2,4-trichlorobenzene  
Concen: 0.938 ug/L  
RT: 15.127 min Scan# 2169  
Delta R.T. -0.000 min  
Lab File: VW024691.D  
Acq: 30 Sep 2022 10:39

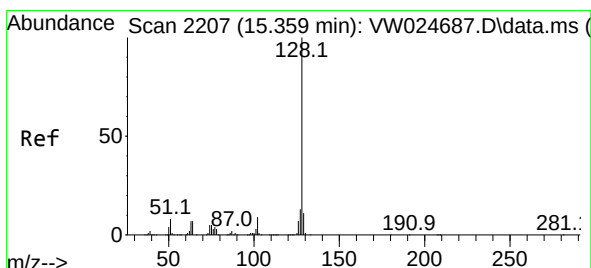
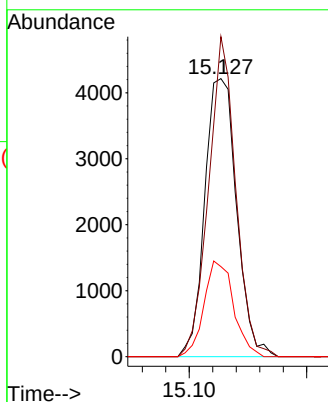
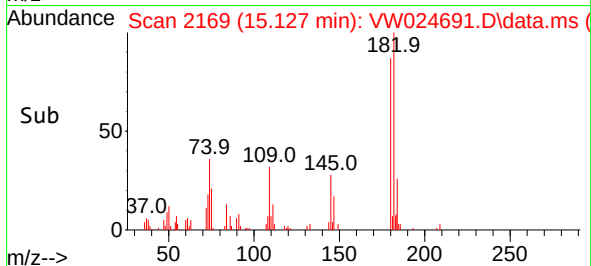
Instrument :  
MSVOA\_W  
ClientSampleId :  
MDL 1 PPB



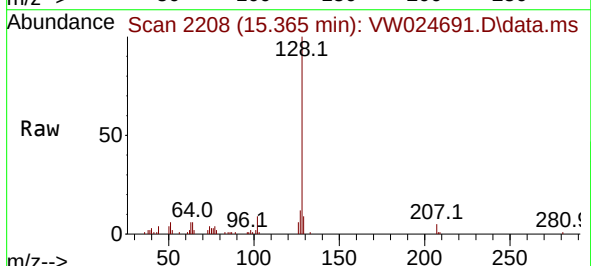
Tgt Ion:180 Resp: 7925  
Ion Ratio Lower Upper  
180 100  
182 98.2 76.8 115.2  
145 31.9 29.0 43.4

Manual Integrations  
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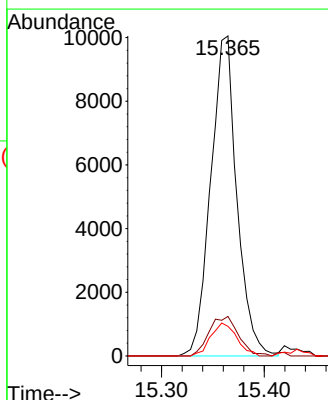
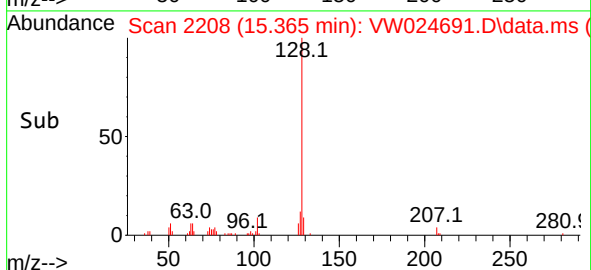
Reviewed By :Semsettin Yesilyurt 10/01/2022  
Supervised By :Mahesh Dadoda 10/05/2022

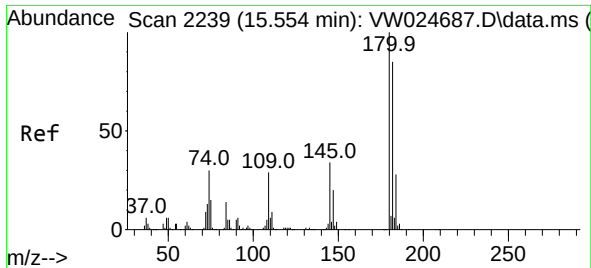


#71  
Naphthalene  
Concen: 0.966 ug/L  
RT: 15.365 min Scan# 2208  
Delta R.T. 0.006 min  
Lab File: VW024691.D  
Acq: 30 Sep 2022 10:39



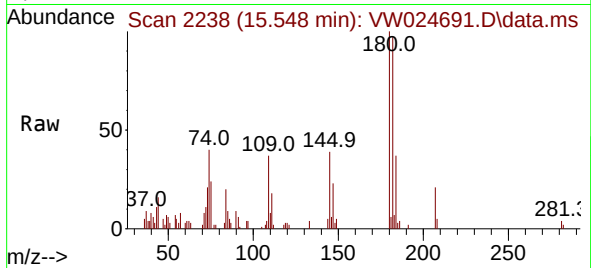
Tgt Ion:128 Resp: 17778  
Ion Ratio Lower Upper  
128 100  
127 13.8 10.6 16.0  
129 10.2 9.0 13.4





#72  
 1,2,3-Trichlorobenzene  
 Concen: 0.922 ug/L  
 RT: 15.548 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: VW024691.D  
 Acq: 30 Sep 2022 10:39

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 MDL 1 PPB



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.5  | 77.4  | 116.2 |
| 145     | 36.2  | 30.6  | 45.8  |

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/01/2022  
 Supervised By :Mahesh Dadoda 10/05/2022

