

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD050223\  
 Data File : VD075973.D  
 Acq On : 02 May 2023 19:30  
 Operator : KP/SY  
 Sample : 02564-19MSD  
 Misc : 5.61G/10.00ml/MSVOA\_D/SOIL  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 DCCN0MSD

Manual Integrations  
 APPROVED

Reviewed By :Krupa Patel 05/03/2023  
 Supervised By :Mahesh Dadoda 05/03/2023

Quant Time: May 03 02:51:33 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM042023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed May 03 02:37:35 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|-------|-----------|
| -----                         |        |       |          |          |       |           |
| Internal Standards            |        |       |          |          |       |           |
| 1) 1,4-Difluorobenzene        | 8.775  | 114   | 41658    | 25.000   | ug/L  | # 0.00    |
| 28) Chlorobenzene-d5          | 11.587 | 117   | 46519    | 25.000   | ug/L  | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.522 | 152   | 22284    | 25.000   | ug/L  | 0.00      |
| System Monitoring Compounds   |        |       |          |          |       |           |
| 4) Vinyl Chloride-d3          | 2.269  | 65    | 18893    | 20.674   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 82.680%   |
| 7) Chloroethane-d5            | 2.799  | 69    | 19325    | 24.474   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 97.880%   |
| 11) 1,1-Dichloroethene-d2     | 3.922  | 65    | 4202m    | 19.944   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 79.760%   |
| 21) 2-Butanone-d5             | 6.993  | 46    | 16564    | 208.785  | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 417.580%# |
| 24) Chloroform-d              | 7.569  | 84    | 32162    | 30.874   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 123.480%  |
| 26) 1,2-Dichloroethane-d4     | 8.234  | 65    | 19626    | 44.117   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 176.480%# |
| 32) Benzene-d6                | 8.199  | 84    | 55179    | 20.351   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 81.400%   |
| 36) 1,2-Dichloropropane-d6    | 9.210  | 67    | 19164    | 25.536   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 102.160%  |
| 41) Toluene-d8                | 10.269 | 98    | 48820    | 19.233   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 76.920%   |
| 43) trans-1,3-Dichloroprop... | 10.528 | 79    | 9181     | 29.597   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 118.400%  |
| 47) 2-Hexanone-d5             | 10.875 | 63    | 12186    | 134.858  | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 269.720%# |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651 | 84    | 32800    | 57.116   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 228.480%# |
| 66) 1,2-Dichlorobenzene-d4    | 13.822 | 152   | 19878    | 25.219   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 100.880%  |
| Target Compounds              |        |       |          |          |       |           |
|                               |        |       |          |          |       | Qvalue    |
| 2) Dichlorodifluoromethane    | 1.934  | 85    | 11494    | 20.015   | ug/L  | 96        |
| 3) Chloromethane              | 2.146  | 50    | 24584    | 30.708   | ug/L  | 98        |
| 5) Vinyl chloride             | 2.281  | 62    | 24017    | 22.954   | ug/L  | 95        |
| 6) Bromomethane               | 2.693  | 94    | 20795    | 29.578   | ug/L  | 87        |
| 8) Chloroethane               | 2.834  | 64    | 17594    | 26.001   | ug/L  | 99        |
| 9) Trichlorofluoromethane     | 3.175  | 101   | 17405    | 20.703   | ug/L  | # 58      |
| 10) 1,1,2-Trichloro-1,2,2-... | 3.969  | 101   | 11637    | 20.604   | ug/L  | # 86      |
| 12) 1,1-Dichloroethene        | 3.934  | 96    | 11518    | 21.028   | ug/L  | 93        |
| 13) Acetone                   | 4.022  | 43    | 37806    | 556.849  | ug/L  | 99        |
| 14) Carbon disulfide          | 4.263  | 76    | 43095    | 22.526   | ug/L  | # 94      |
| 15) Methyl Acetate            | 4.569  | 43    | 16008    | 108.796  | ug/L  | # 59      |
| 16) Methylene chloride        | 4.799  | 84    | 24758    | 29.296   | ug/L  | 90        |
| 17) trans-1,2-Dichloroethene  | 5.310  | 96    | 15128    | 24.631   | ug/L  | 98        |
| 18) Methyl tert-butyl Ether   | 5.316  | 73    | 44055    | 44.717   | ug/L  | # 80      |
| 19) 1,1-Dichloroethane        | 6.110  | 63    | 27748    | 30.840   | ug/L  | 95        |
| 20) cis-1,2-Dichloroethene    | 7.075  | 96    | 18974    | 29.217   | ug/L  | 95        |
| 22) 2-Butanone                | 7.081  | 43    | 22839    | 258.037  | ug/L  | 94        |
| 23) Bromochloromethane        | 7.428  | 128   | 12386    | 41.125   | ug/L  | 86        |
| 25) Chloroform                | 7.599  | 83    | 32902    | 32.629   | ug/L  | 99        |

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 MSVOA\_D  
 ClientSampleId :  
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Quant Time: May 03 02:51:33 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM042023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed May 03 02:37:35 2023  
 Response via : Initial Calibration

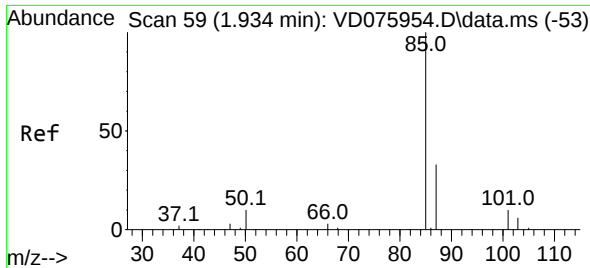
### Manual Integrations APPROVED

Reviewed By :Krupa Patel 05/03/2023  
 Supervised By :Mahesh Dadoda 05/03/2023

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 27) 1,2-Dichloroethane        | 8.328  | 62   | 24819    | 47.683  | ug/L   | 97       |
| 29) Cyclohexane               | 7.875  | 56   | 10396    | 13.054  | ug/L # | 88       |
| 30) 1,1,1-Trichloroethane     | 7.787  | 97   | 19687    | 20.002  | ug/L # | 77       |
| 31) Carbon tetrachloride      | 7.993  | 117  | 13032    | 16.504  | ug/L   | 91       |
| 33) Benzene                   | 8.246  | 78   | 62708    | 22.285  | ug/L   | 100      |
| 34) Trichloroethene           | 9.022  | 95   | 15013    | 20.631  | ug/L   | 91       |
| 35) Methylcyclohexane         | 9.269  | 83   | 12823    | 11.429  | ug/L   | 95       |
| 37) 1,2-Dichloropropane       | 9.310  | 63   | 17604    | 27.235  | ug/L   | 100      |
| 38) Bromodichloromethane      | 9.587  | 83   | 25999    | 29.831  | ug/L   | 97       |
| 39) cis-1,3-Dichloropropene   | 10.016 | 75   | 26391    | 25.673  | ug/L   | 91       |
| 40) 4-Methyl-2-pentanone      | 10.157 | 43   | 32845    | 139.372 | ug/L   | 95       |
| 42) Toluene                   | 10.334 | 91   | 65377    | 21.470  | ug/L   | 100      |
| 44) trans-1,3-Dichloropropene | 10.551 | 75   | 27004    | 32.701  | ug/L   | 95       |
| 45) 1,1,2-Trichloroethane     | 10.734 | 97   | 22264    | 40.488  | ug/L   | 93       |
| 46) Tetrachloroethene         | 10.804 | 164  | 12555    | 21.035  | ug/L   | 98       |
| 48) 2-Hexanone                | 10.922 | 43   | 24366    | 146.661 | ug/L   | 89       |
| 49) Dibromochloromethane      | 11.075 | 129  | 21984    | 36.723  | ug/L   | 96       |
| 50) 1,2-Dibromoethane         | 11.181 | 107  | 23127    | 46.649  | ug/L   | 100      |
| 51) Chlorobenzene             | 11.610 | 112  | 46429    | 23.307  | ug/L   | 97       |
| 52) Ethylbenzene              | 11.687 | 91   | 56817    | 18.196  | ug/L   | 100      |
| 53) m,p-Xylene                | 11.792 | 106  | 23174    | 18.638  | ug/L   | 99       |
| 54) o-Xylene                  | 12.122 | 106  | 23955    | 20.284  | ug/L   | 95       |
| 55) Styrene                   | 12.140 | 104  | 43632    | 21.228  | ug/L   | 94       |
| 57) 1,1,2,2-Tetrachloroethane | 12.675 | 83   | 33161    | 59.268  | ug/L   | 97       |
| 59) Bromoform                 | 12.304 | 173  | 17024    | 49.847  | ug/L   | 96       |
| 60) Isopropylbenzene          | 12.422 | 105  | 49756    | 16.839  | ug/L   | 99       |
| 61) 1,2,3-Trichloropropane    | 12.728 | 75   | 22515    | 64.318  | ug/L   | 98       |
| 62) 1,3,5-Trimethylbenzene    | 12.904 | 105  | 39115    | 17.753  | ug/L   | 99       |
| 63) 1,2,4-Trimethylbenzene    | 13.216 | 105  | 38324    | 18.044  | ug/L   | 95       |
| 64) 1,3-Dichlorobenzene       | 13.463 | 146  | 34600    | 24.473  | ug/L   | 95       |
| 65) 1,4-Dichlorobenzene       | 13.539 | 146  | 34062    | 22.956  | ug/L   | 98       |
| 67) 1,2-Dichlorobenzene       | 13.834 | 146  | 35225    | 27.900  | ug/L   | 95       |
| 68) 1,2-Dibromo-3-chloropr... | 14.445 | 75   | 5108     | 72.991  | ug/L # | 83       |
| 69) 1,3,5-Trichlorobenzene    | 14.598 | 180  | 18992    | 20.042  | ug/L   | 98       |
| 70) 1,2,4-trichlorobenzene    | 15.104 | 180  | 17262    | 21.982  | ug/L   | 98       |
| 71) Naphthalene               | 15.333 | 128  | 62248    | 43.316  | ug/L   | 98       |
| 72) 1,2,3-Trichlorobenzene    | 15.528 | 180  | 19482    | 27.792  | ug/L   | 99       |

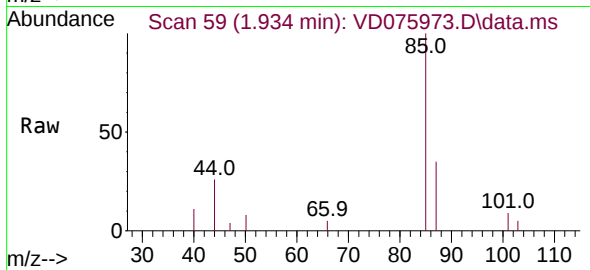
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#2  
 Dichlorodifluoromethane  
 Concen: 20.015 ug/L  
 RT: 1.934 min Scan# 59  
 Delta R.T. -0.000 min  
 Lab File: VD075973.D  
 Acq: 02 May 2023 19:30

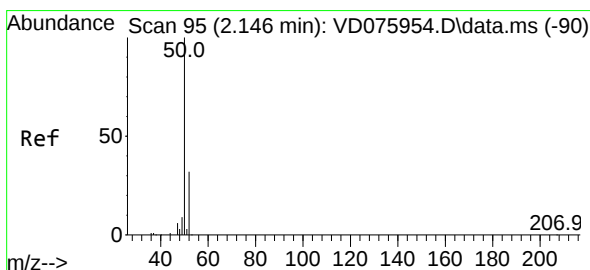
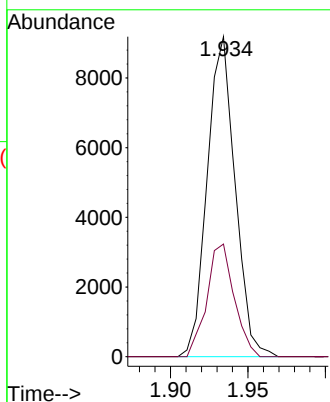
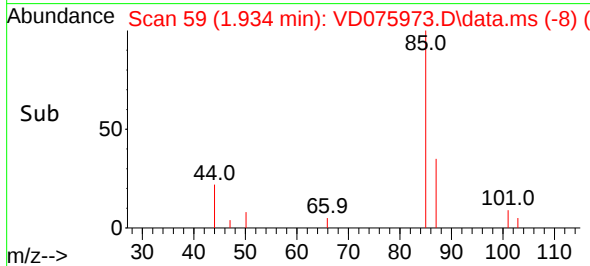
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 DCCN0MSD



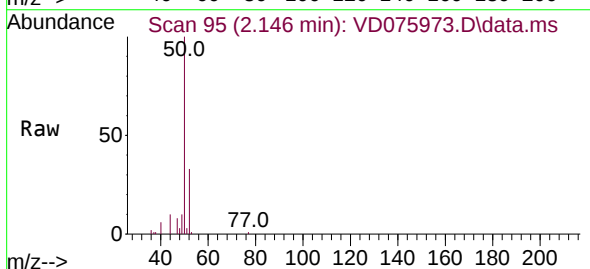
Tgt Ion: 85 Resp: 11494  
 Ion Ratio Lower Upper  
 85 100  
 87 34.5 25.8 38.8

Manual Integrations  
 APPROVED

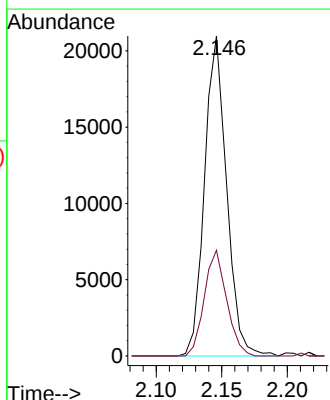
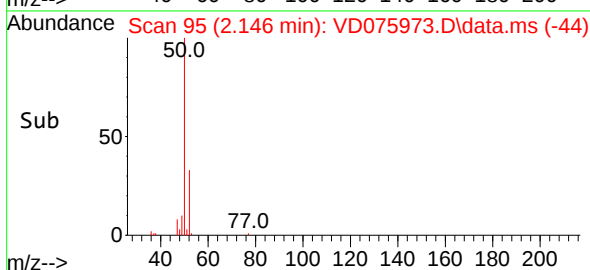
Reviewed By :Krupa Patel 05/03/2023  
 Supervised By :Mahesh Dadoda 05/03/2023

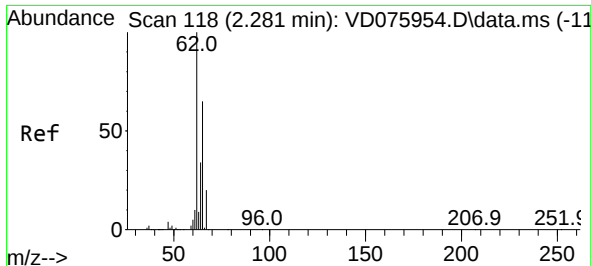


#3  
 Chloromethane  
 Concen: 30.708 ug/L  
 RT: 2.146 min Scan# 95  
 Delta R.T. -0.000 min  
 Lab File: VD075973.D  
 Acq: 02 May 2023 19:30



Tgt Ion: 50 Resp: 24584  
 Ion Ratio Lower Upper  
 50 100  
 52 33.0 23.7 44.1





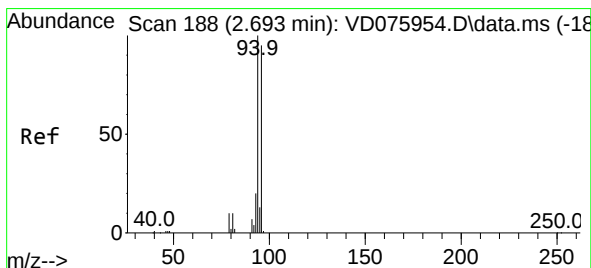
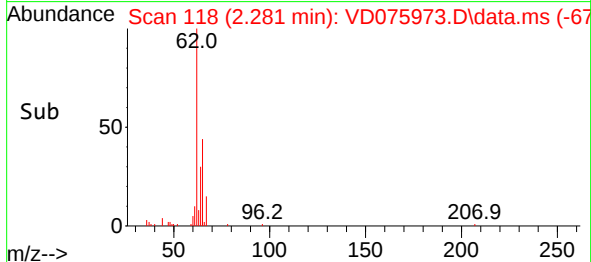
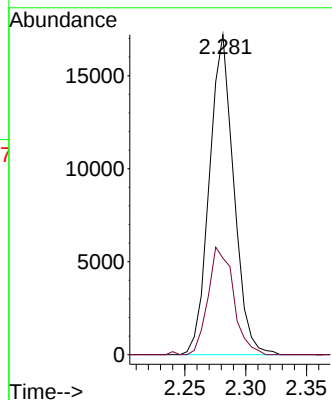
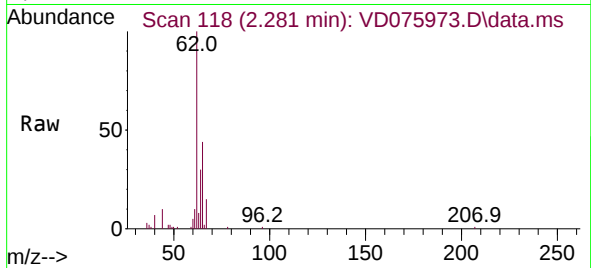
#5  
Vinyl chloride  
Concen: 22.954 ug/L  
RT: 2.281 min Scan# 118  
Delta R.T. -0.000 min  
Lab File: VD075973.D  
Acq: 02 May 2023 19:30

Instrument :  
MSVOA\_D  
ClientSampleId :  
DCCN0MSD

Tgt Ion: 62 Resp: 2401  
Ion Ratio Lower Upper  
62 100  
64 30.2 23.2 43.0

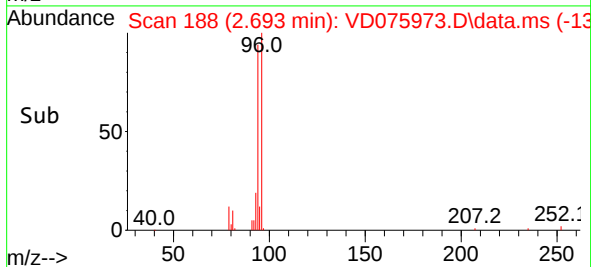
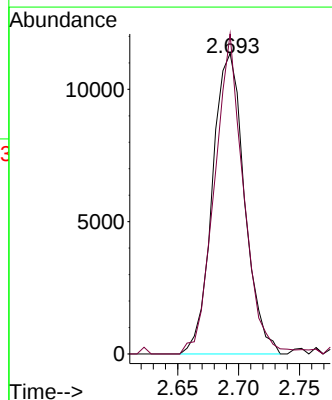
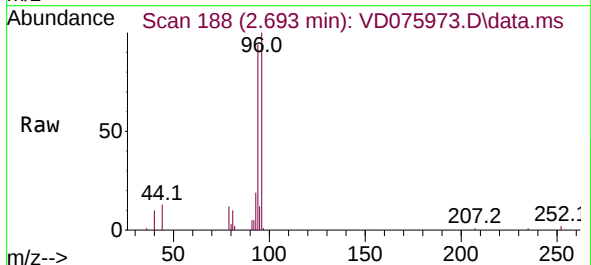
Manual Integrations  
APPROVED

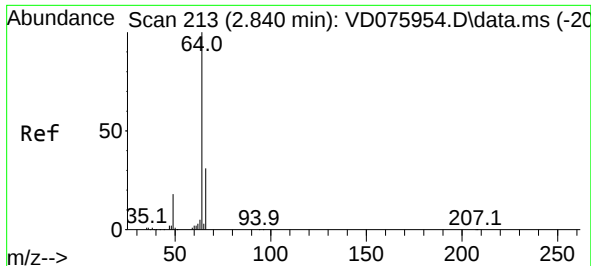
Reviewed By :Krupa Patel 05/03/2023  
Supervised By :Mahesh Dadoda 05/03/2023



#6  
Bromomethane  
Concen: 29.578 ug/L  
RT: 2.693 min Scan# 188  
Delta R.T. -0.000 min  
Lab File: VD075973.D  
Acq: 02 May 2023 19:30

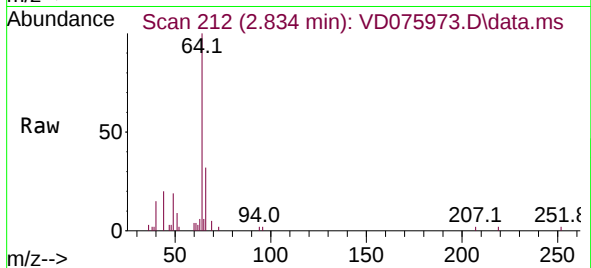
Tgt Ion: 94 Resp: 20795  
Ion Ratio Lower Upper  
94 100  
96 106.5 65.7 121.9





#8  
Chloroethane  
Concen: 26.001 ug/L  
RT: 2.834 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VD075973.D  
Acq: 02 May 2023 19:30

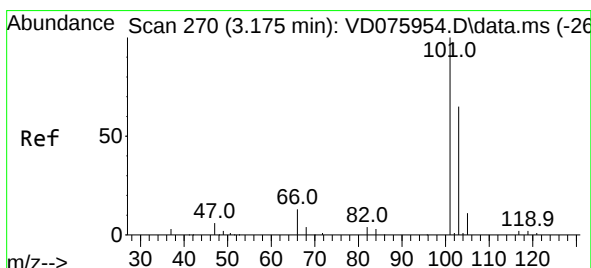
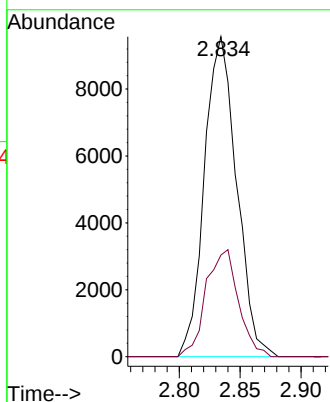
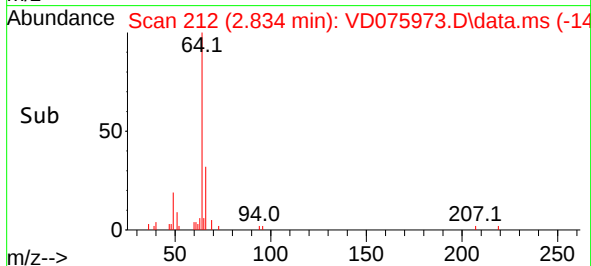
Instrument :  
MSVOA\_D  
ClientSampleId :  
DCCN0MSD



Tgt Ion: 64 Resp: 17594  
Ion Ratio Lower Upper  
64 100  
66 31.7 21.8 40.4

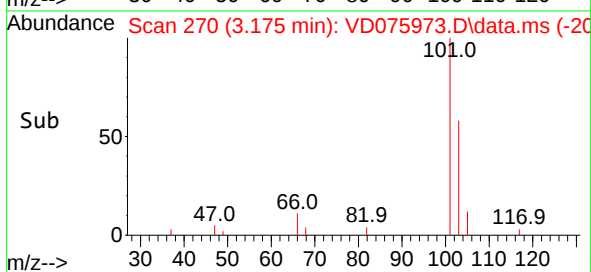
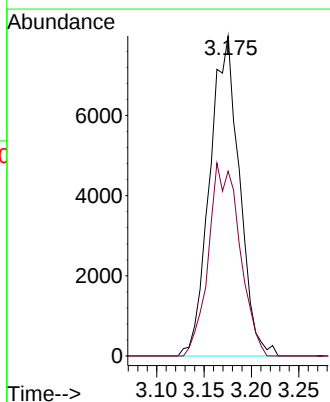
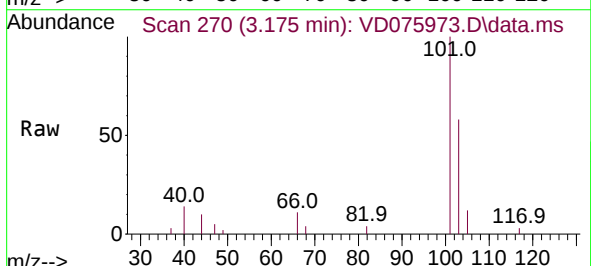
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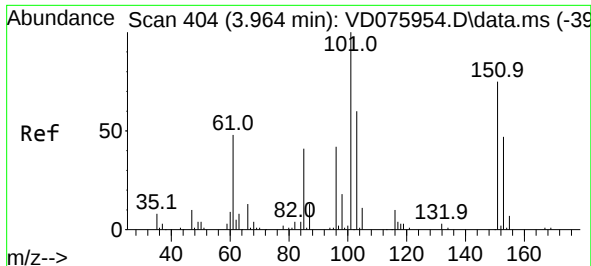
Reviewed By :Krupa Patel 05/03/2023  
Supervised By :Mahesh Dadoda 05/03/2023



#9  
Trichlorofluoromethane  
Concen: 20.703 ug/L  
RT: 3.175 min Scan# 270  
Delta R.T. -0.000 min  
Lab File: VD075973.D  
Acq: 02 May 2023 19:30

Tgt Ion:101 Resp: 17405  
Ion Ratio Lower Upper  
101 100  
103 32.2 52.2 78.4#





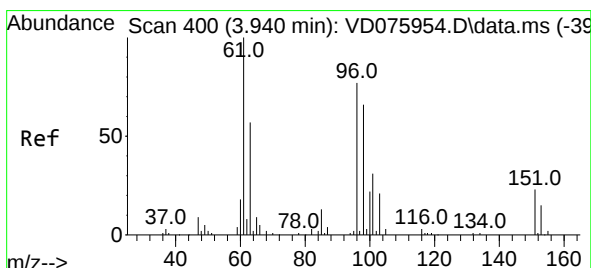
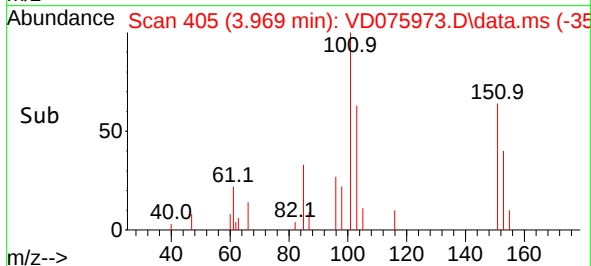
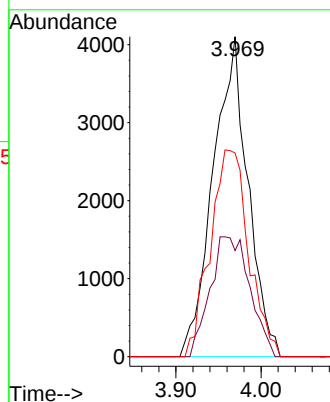
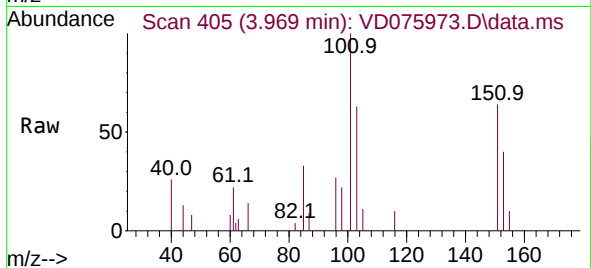
#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 20.604 ug/L  
 RT: 3.969 min Scan# 404  
 Delta R.T. 0.006 min  
 Lab File: VD075973.D  
 Acq: 02 May 2023 19:30

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 DCCN0MSD

Tgt Ion:101 Resp: 1163  
 Ion Ratio Lower Upper  
 101 100  
 85 27.6 32.9 49.3  
 151 63.5 57.2 85.8

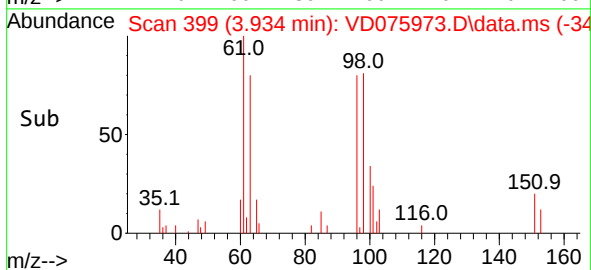
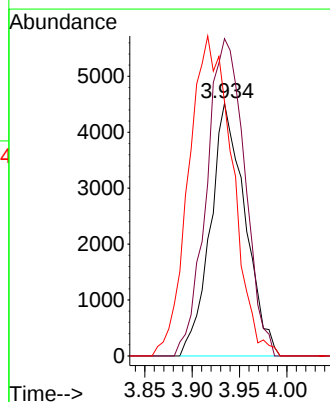
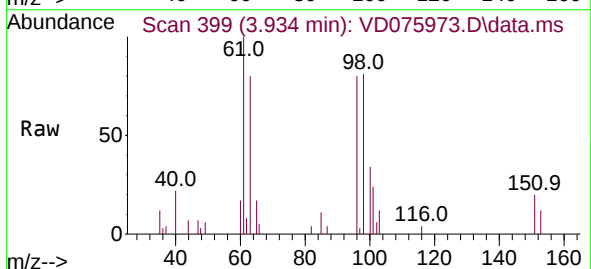
Manual Integrations  
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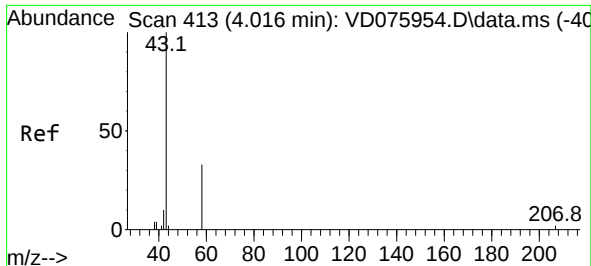
Reviewed By :Krupa Patel 05/03/2023  
 Supervised By :Mahesh Dadoda 05/03/2023



#12  
 1,1-Dichloroethene  
 Concen: 21.028 ug/L  
 RT: 3.934 min Scan# 399  
 Delta R.T. -0.006 min  
 Lab File: VD075973.D  
 Acq: 02 May 2023 19:30

Tgt Ion: 96 Resp: 11518  
 Ion Ratio Lower Upper  
 96 100  
 61 125.6 92.6 172.0  
 63 100.6 77.4 143.8





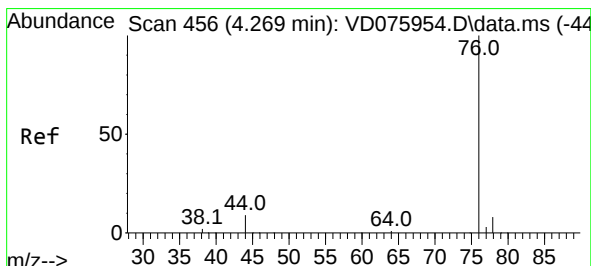
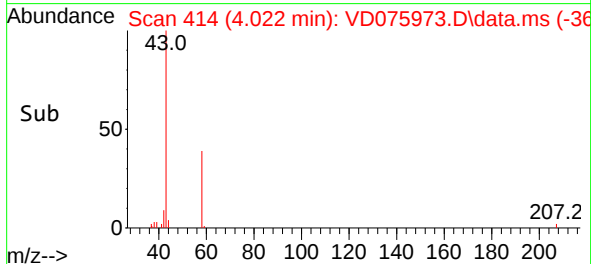
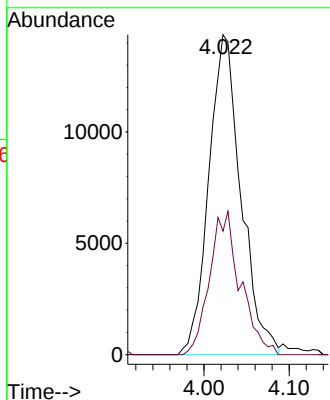
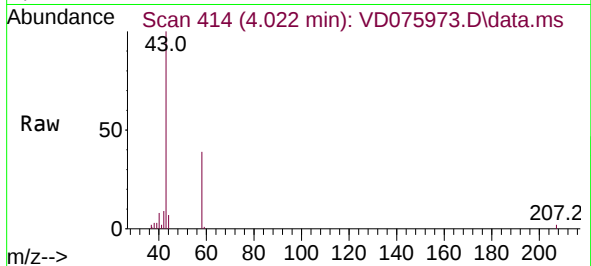
#13  
Acetone  
Concen: 556.849 ug/L  
RT: 4.022 min Scan# 413  
Delta R.T. 0.006 min  
Lab File: VD075973.D  
Acq: 02 May 2023 19:30

Instrument :  
MSVOA\_D  
ClientSampleId :  
DCCN0MSD

Tgt Ion: 43 Resp: 37800  
Ion Ratio Lower Upper  
43 100  
58 42.8 0.0 87.4

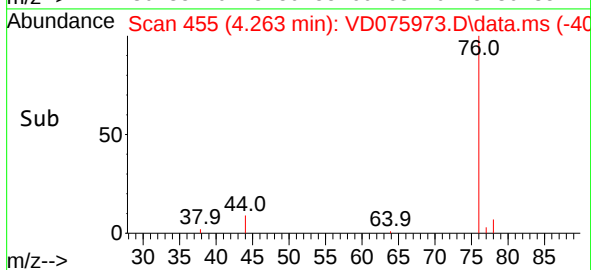
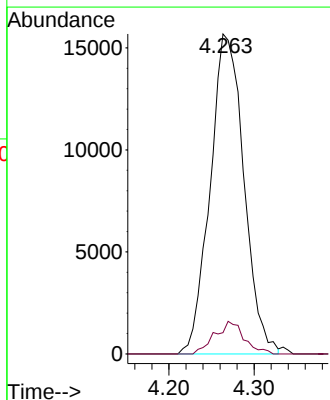
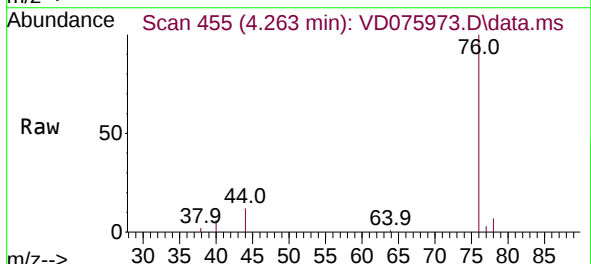
Manual Integrations  
APPROVED

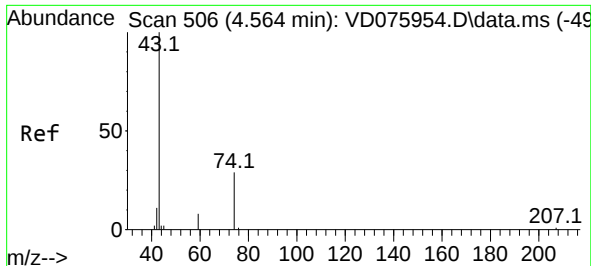
Reviewed By :Krupa Patel 05/03/2023  
Supervised By :Mahesh Dadoda 05/03/2023



#14  
Carbon disulfide  
Concen: 22.526 ug/L  
RT: 4.263 min Scan# 455  
Delta R.T. -0.006 min  
Lab File: VD075973.D  
Acq: 02 May 2023 19:30

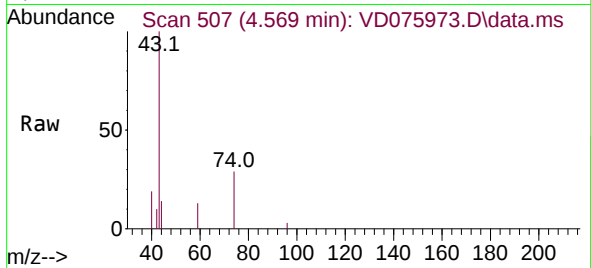
Tgt Ion: 76 Resp: 43095  
Ion Ratio Lower Upper  
76 100  
78 6.6 7.0 10.6#





#15  
Methyl Acetate  
Concen: 108.796 ug/L  
RT: 4.569 min Scan# 506  
Delta R.T. 0.006 min  
Lab File: VD075973.D  
Acq: 02 May 2023 19:30

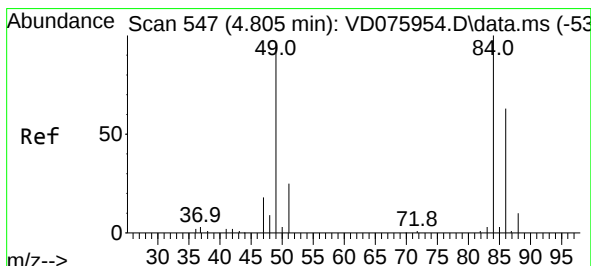
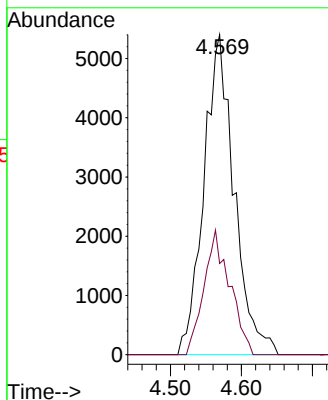
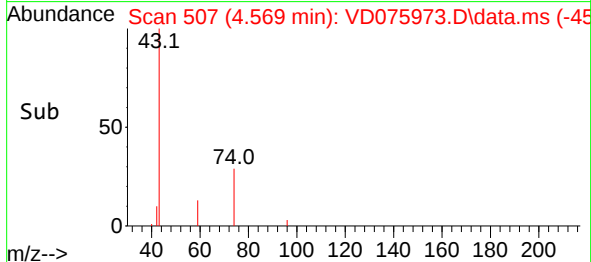
Instrument :  
MSVOA\_D  
ClientSampleId :  
DCCN0MSD



Tgt Ion: 43 Resp: 16008  
Ion Ratio Lower Upper  
43 100  
74 33.3 12.8 19.2

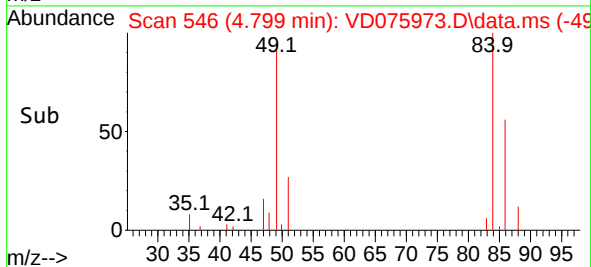
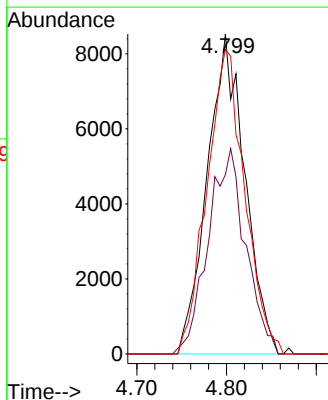
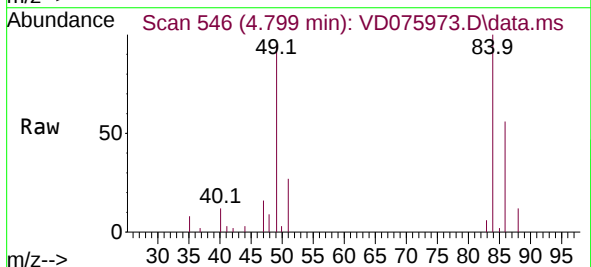
Manual Integrations  
APPROVED

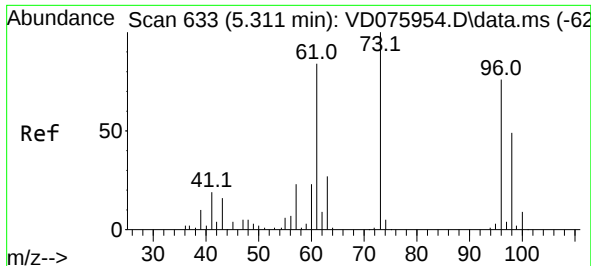
Reviewed By :Krupa Patel 05/03/2023  
Supervised By :Mahesh Dadoda 05/03/2023



#16  
Methylene chloride  
Concen: 29.296 ug/L  
RT: 4.799 min Scan# 546  
Delta R.T. -0.006 min  
Lab File: VD075973.D  
Acq: 02 May 2023 19:30

Tgt Ion: 84 Resp: 24758  
Ion Ratio Lower Upper  
84 100  
86 56.1 45.8 85.2  
49 95.1 60.8 112.8





#17

trans-1,2-Dichloroethene

Concen: 24.631 ug/L

RT: 5.310 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD075973.D

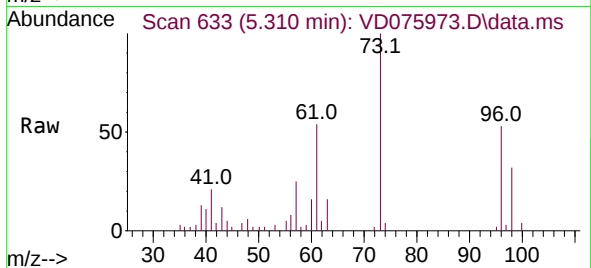
Acq: 02 May 2023 19:30

Instrument :

MSVOA\_D

ClientSampleId :

DCCN0MSD



Tgt Ion: 96 Resp: 15128

Ion Ratio Lower Upper

96 100

61 101.9 72.9 135.5

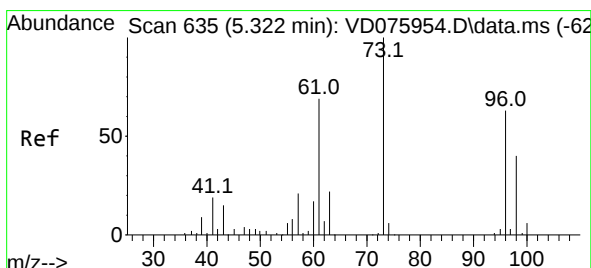
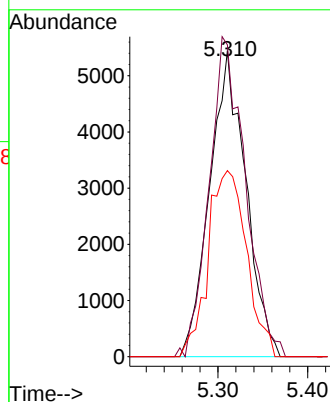
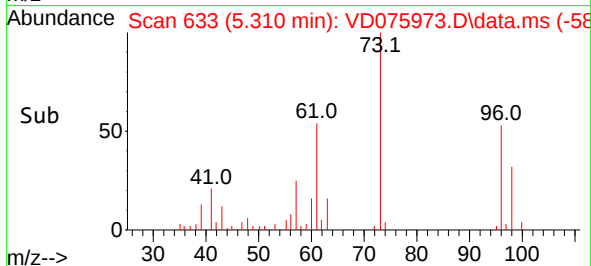
98 60.8 43.0 79.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/03/2023

Supervised By :Mahesh Dadoda 05/03/2023



#18

Methyl tert-butyl Ether

Concen: 44.717 ug/L

RT: 5.316 min Scan# 634

Delta R.T. -0.006 min

Lab File: VD075973.D

Acq: 02 May 2023 19:30

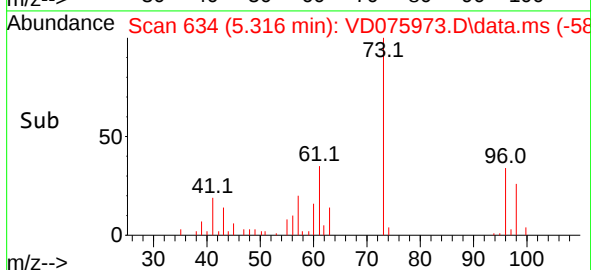
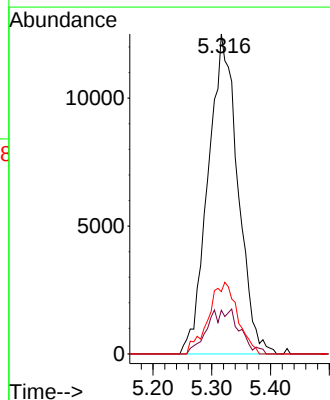
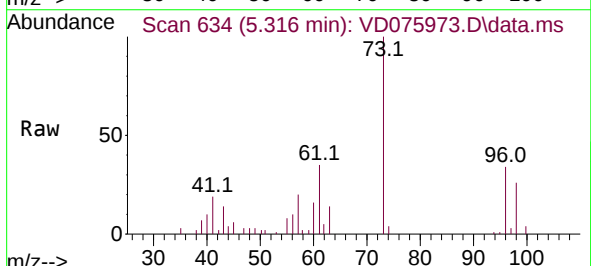
Tgt Ion: 73 Resp: 44055

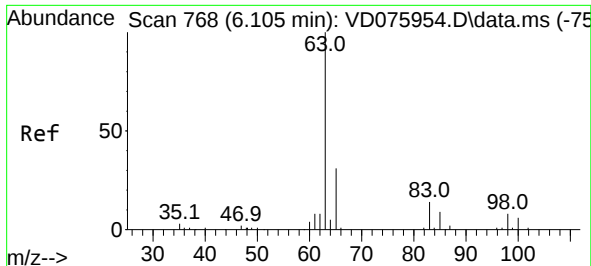
Ion Ratio Lower Upper

73 100

43 6.1 11.3 16.9#

57 11.0 16.3 24.5#





#19

1,1-Dichloroethane

Concen: 30.840 ug/L

RT: 6.110 min Scan# 769

Delta R.T. 0.006 min

Lab File: VD075973.D

Acq: 02 May 2023 19:30

Instrument :

MSVOA\_D

ClientSampleId :

DCCN0MSD

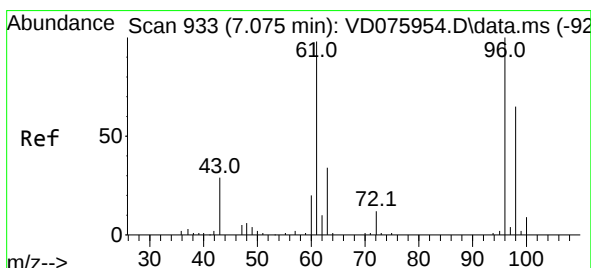
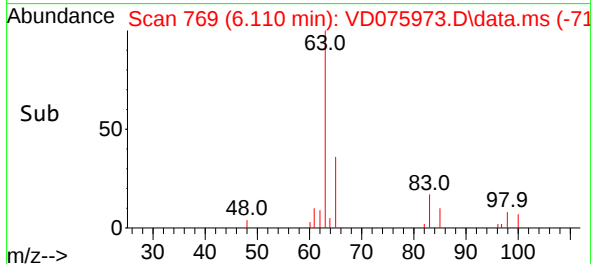
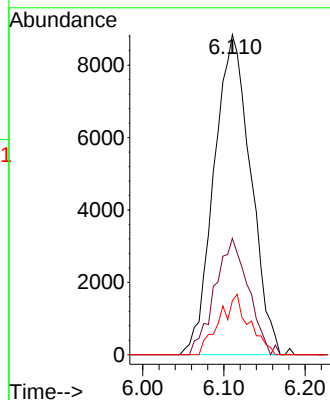
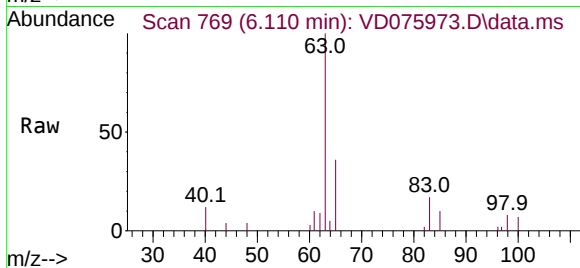
|             |             |
|-------------|-------------|
| Tgt Ion: 63 | Resp: 2774  |
| Ion Ratio   | Lower Upper |
| 63 100      |             |
| 65 36.4     | 22.8 42.4   |
| 83 16.8     | 11.2 20.8   |

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/03/2023

Supervised By :Mahesh Dadoda 05/03/2023



#20

cis-1,2-Dichloroethene

Concen: 29.217 ug/L

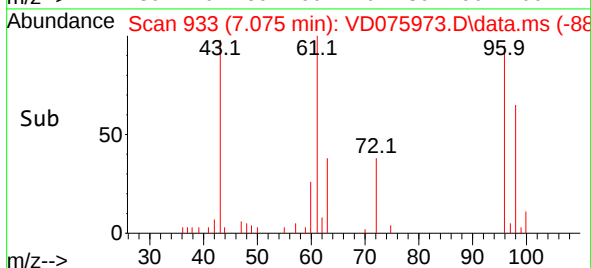
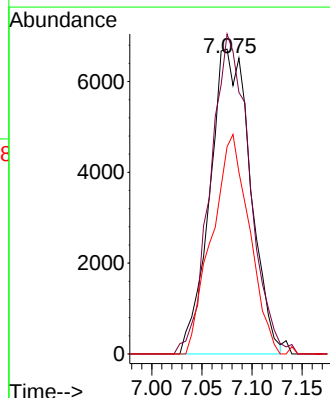
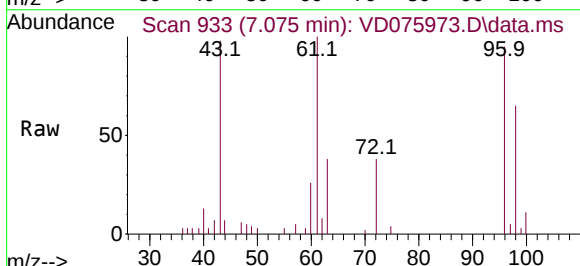
RT: 7.075 min Scan# 933

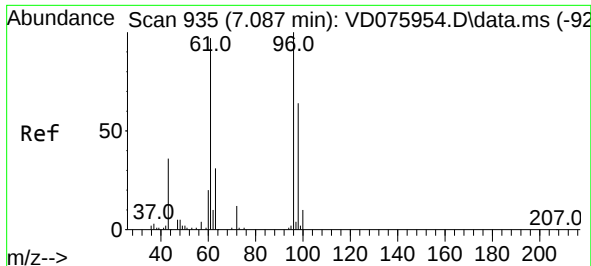
Delta R.T. -0.000 min

Lab File: VD075973.D

Acq: 02 May 2023 19:30

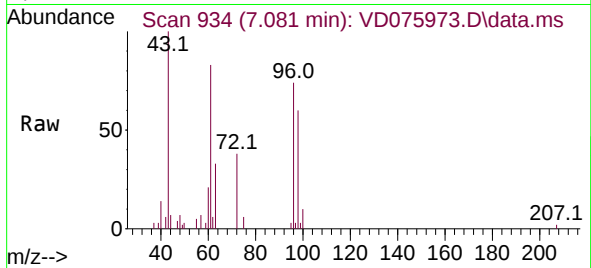
|             |             |
|-------------|-------------|
| Tgt Ion: 96 | Resp: 18974 |
| Ion Ratio   | Lower Upper |
| 96 100      |             |
| 61 105.0    | 67.5 125.3  |
| 98 68.0     | 47.5 88.1   |





#22  
2-Butanone  
Concen: 258.037 ug/L  
RT: 7.081 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VD075973.D  
Acq: 02 May 2023 19:30

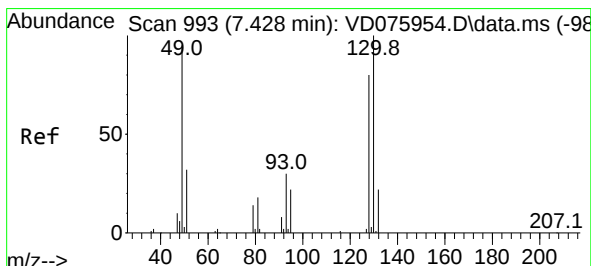
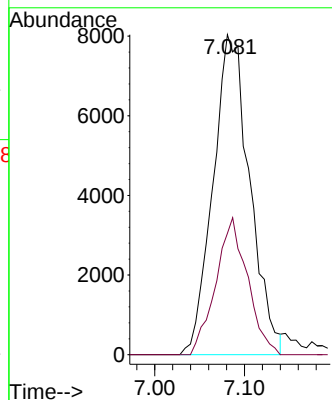
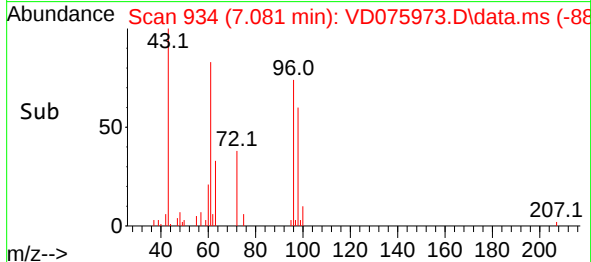
Instrument :  
MSVOA\_D  
ClientSampleId :  
DCCN0MSD



Tgt Ion: 43 Resp: 22839  
Ion Ratio Lower Upper  
43 100  
72 37.0 20.5 61.5

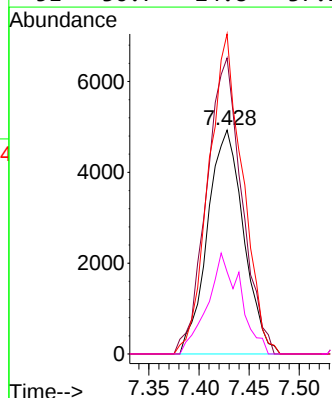
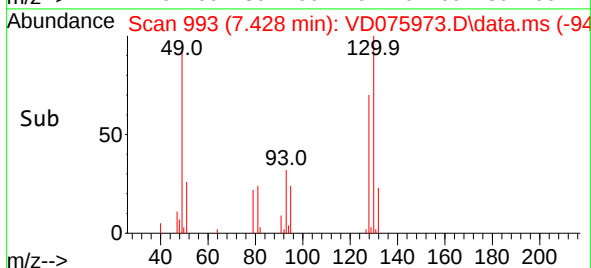
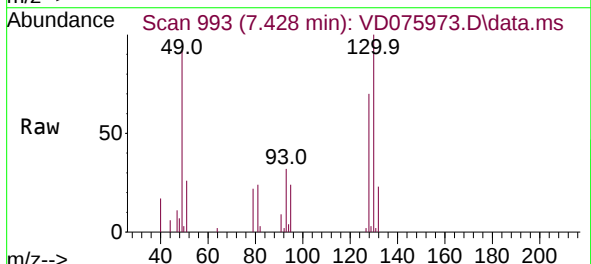
Manual Integrations  
APPROVED

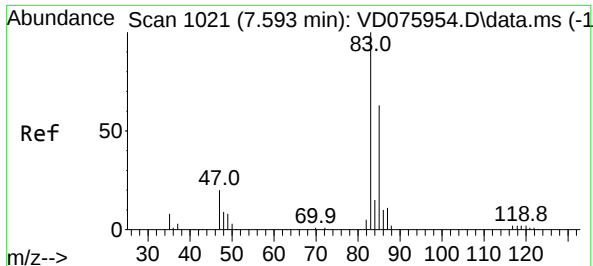
Reviewed By :Krupa Patel 05/03/2023  
Supervised By :Mahesh Dadoda 05/03/2023



#23  
Bromochloromethane  
Concen: 41.125 ug/L  
RT: 7.428 min Scan# 993  
Delta R.T. -0.000 min  
Lab File: VD075973.D  
Acq: 02 May 2023 19:30

Tgt Ion:128 Resp: 12386  
Ion Ratio Lower Upper  
128 100  
49 132.2 76.4 142.0  
130 142.9 93.5 173.7  
51 36.7 24.8 37.2





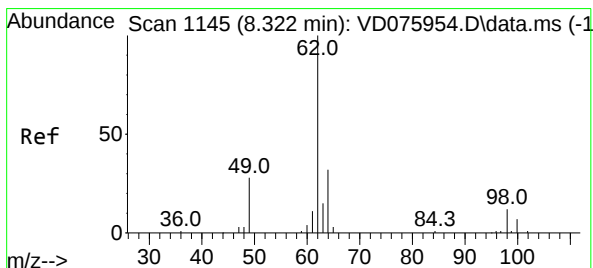
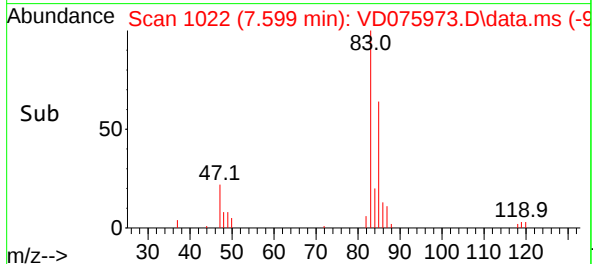
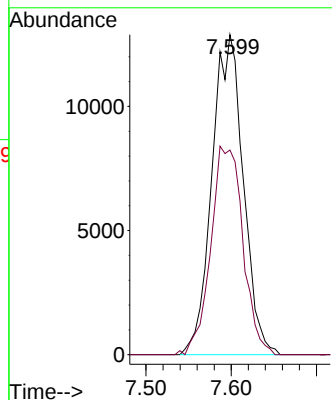
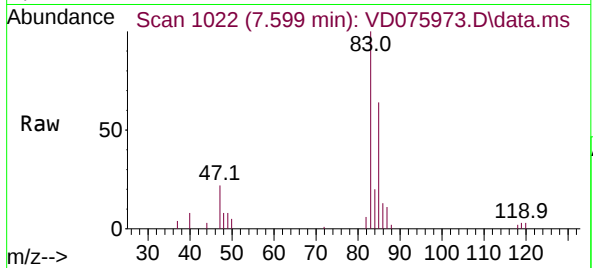
#25  
Chloroform  
Concen: 32.629 ug/L  
RT: 7.599 min Scan# 1021  
Delta R.T. 0.006 min  
Lab File: VD075973.D  
Acq: 02 May 2023 19:30

Instrument :  
MSVOA\_D  
ClientSampleId :  
DCCN0MSD

Tgt Ion: 83 Resp: 32902  
Ion Ratio Lower Upper  
83 100  
85 63.9 44.4 82.5

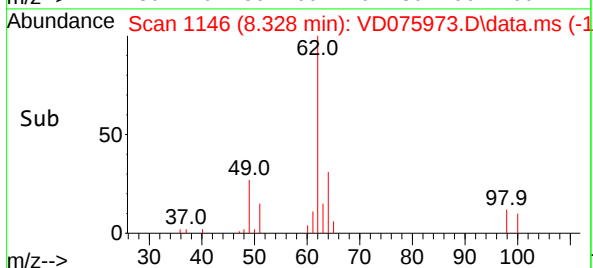
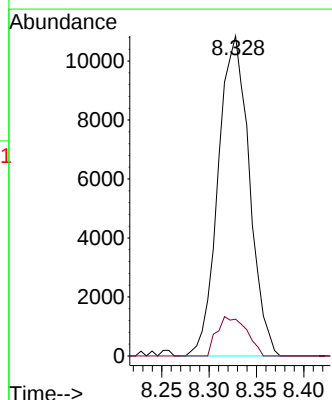
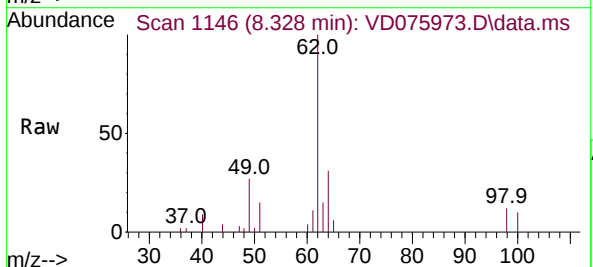
Manual Integrations  
APPROVED

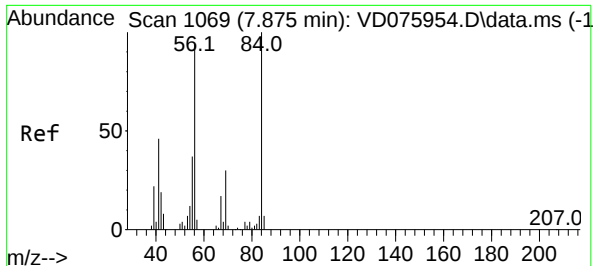
Reviewed By :Krupa Patel 05/03/2023  
Supervised By :Mahesh Dadoda 05/03/2023



#27  
1,2-Dichloroethane  
Concen: 47.683 ug/L  
RT: 8.328 min Scan# 1146  
Delta R.T. 0.006 min  
Lab File: VD075973.D  
Acq: 02 May 2023 19:30

Tgt Ion: 62 Resp: 24819  
Ion Ratio Lower Upper  
62 100  
98 11.5 10.2 15.2





#29

Cyclohexane

Concen: 13.054 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD075973.D

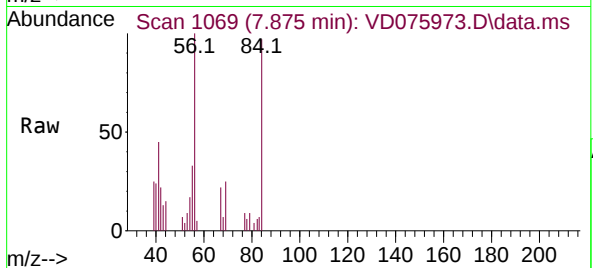
Acq: 02 May 2023 19:30

Instrument :

MSVOA\_D

ClientSampleId :

DCCN0MSD



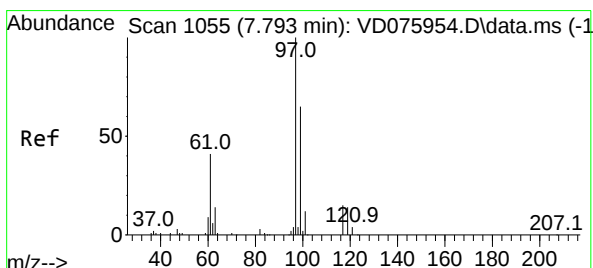
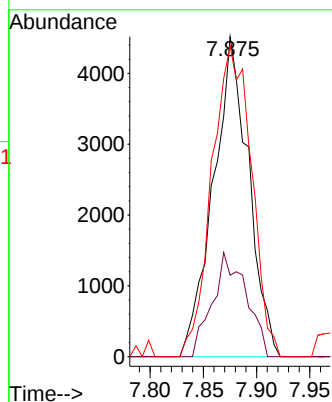
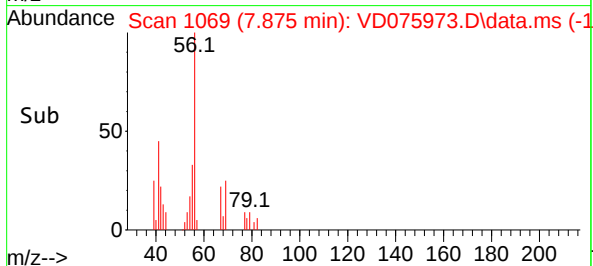
| Tgt Ion:  | 56    | Resp: | 10390 |
|-----------|-------|-------|-------|
| Ion Ratio | 100   | Lower | Upper |
| 56        | 100   |       |       |
| 69        | 17.5  | 28.2  | 42.2  |
| 84        | 108.7 | 92.4  | 138.6 |

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/03/2023

Supervised By :Mahesh Dadoda 05/03/2023



#30

1,1,1-Trichloroethane

Concen: 20.002 ug/L

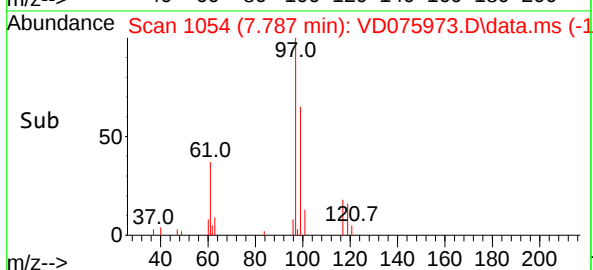
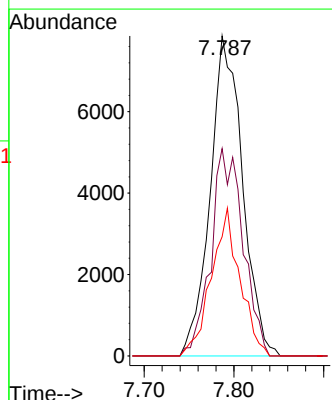
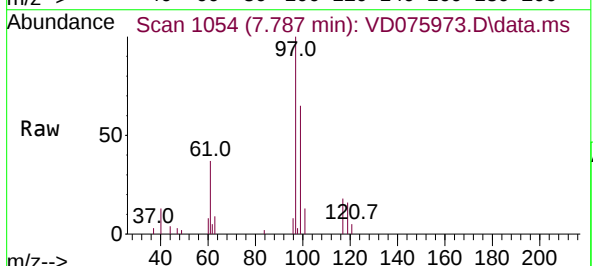
RT: 7.787 min Scan# 1054

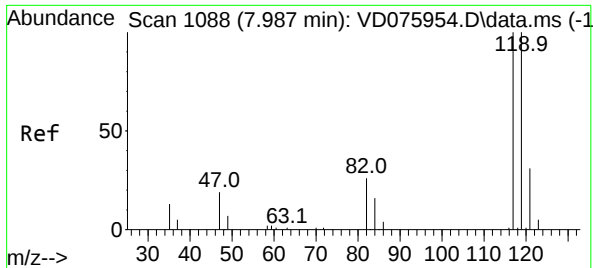
Delta R.T. -0.006 min

Lab File: VD075973.D

Acq: 02 May 2023 19:30

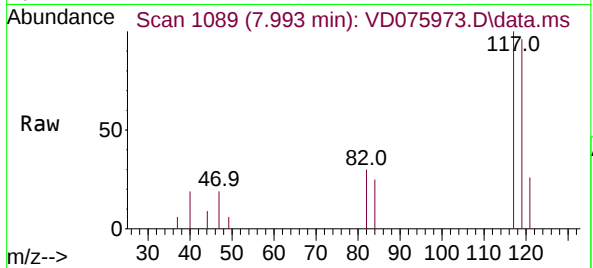
| Tgt Ion:  | 97   | Resp: | 19687 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 97        | 100  |       |       |
| 99        | 35.7 | 51.5  | 77.3  |
| 61        | 40.8 | 32.1  | 48.1  |





#31  
Carbon tetrachloride  
Concen: 16.504 ug/L  
RT: 7.993 min Scan# 1103  
Delta R.T. 0.006 min  
Lab File: VD075973.D  
Acq: 02 May 2023 19:30

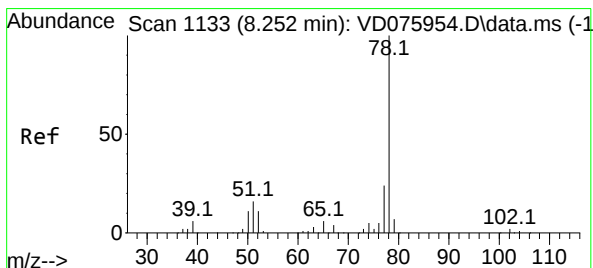
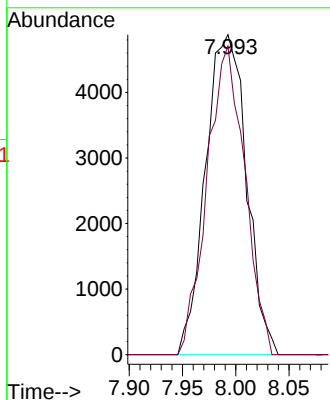
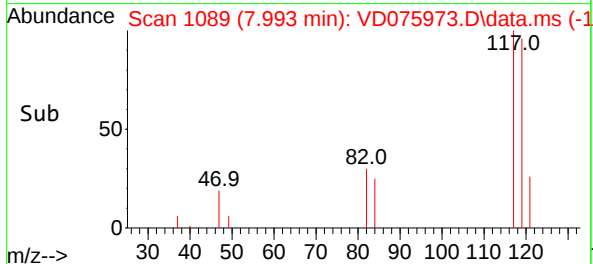
Instrument :  
MSVOA\_D  
ClientSampleId :  
DCCN0MSD



Tgt Ion:117 Resp: 1303  
Ion Ratio Lower Upper  
117 100  
119 88.9 78.2 117.4

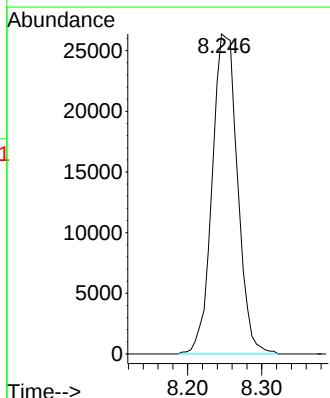
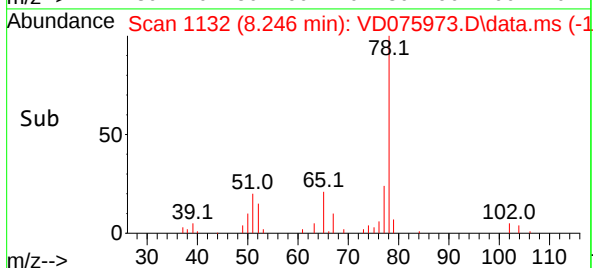
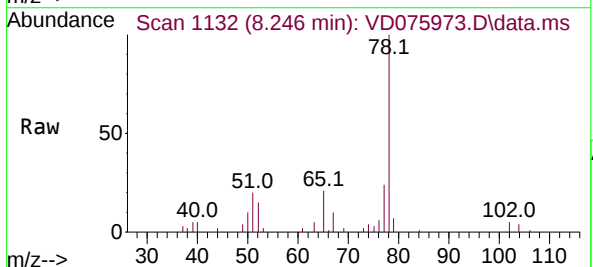
Manual Integrations  
APPROVED

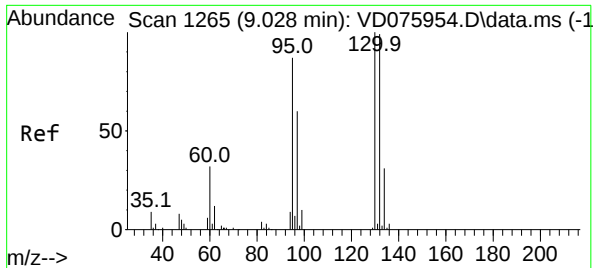
Reviewed By :Krupa Patel 05/03/2023  
Supervised By :Mahesh Dadoda 05/03/2023



#33  
Benzene  
Concen: 22.285 ug/L  
RT: 8.246 min Scan# 1132  
Delta R.T. -0.006 min  
Lab File: VD075973.D  
Acq: 02 May 2023 19:30

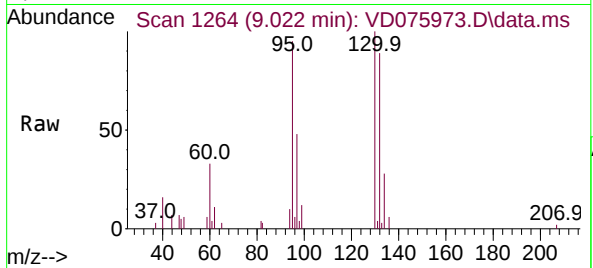
Tgt Ion: 78 Resp: 62708





#34  
Trichloroethene  
Concen: 20.631 ug/L  
RT: 9.022 min Scan# 1306  
Delta R.T. -0.006 min  
Lab File: VD075973.D  
Acq: 02 May 2023 19:30

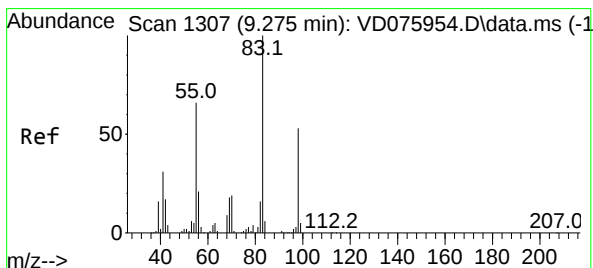
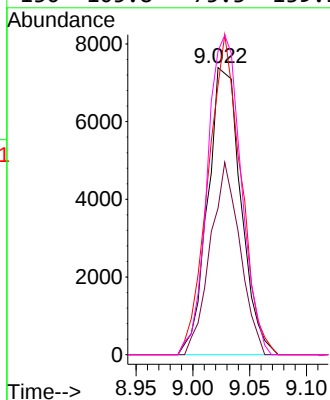
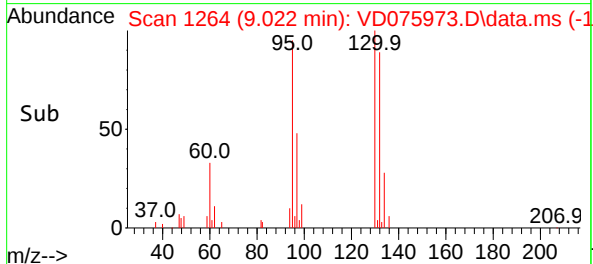
Instrument :  
MSVOA\_D  
ClientSampleId :  
DCCN0MSD



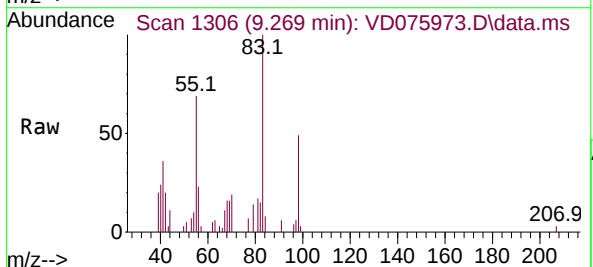
Tgt Ion: 95 Resp: 1501  
Ion Ratio Lower Upper  
95 100  
97 51.1 46.0 85.4  
132 93.9 73.3 136.1  
130 105.8 75.3 139.9

Manual Integrations  
APPROVED

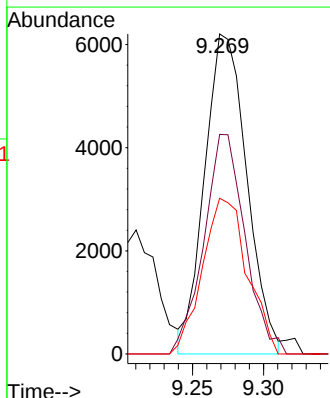
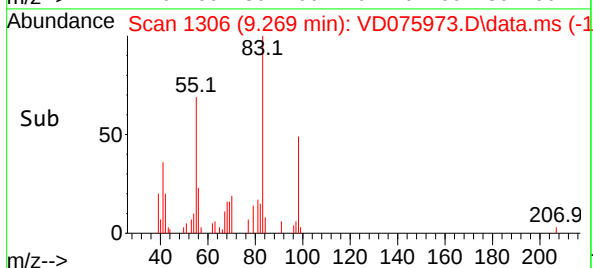
Reviewed By :Krupa Patel 05/03/2023  
Supervised By :Mahesh Dadoda 05/03/2023

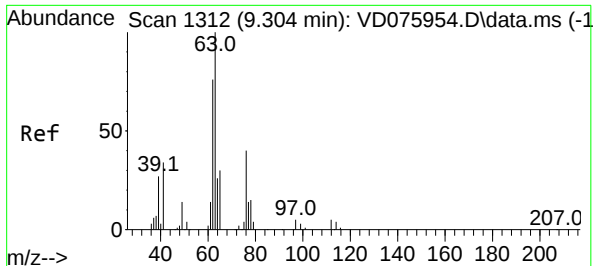


#35  
Methylcyclohexane  
Concen: 11.429 ug/L  
RT: 9.269 min Scan# 1306  
Delta R.T. -0.006 min  
Lab File: VD075973.D  
Acq: 02 May 2023 19:30



Tgt Ion: 83 Resp: 12823  
Ion Ratio Lower Upper  
83 100  
55 66.8 48.2 72.2  
98 51.9 40.8 61.2





#37

1,2-Dichloropropane

Concen: 27.235 ug/L

RT: 9.310 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075973.D

Acq: 02 May 2023 19:30

Instrument :

MSVOA\_D

ClientSampleId :

DCCN0MSD

Tgt Ion: 63 Resp: 17604

Ion Ratio Lower Upper

63 100

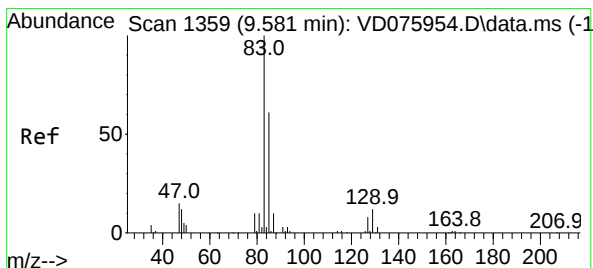
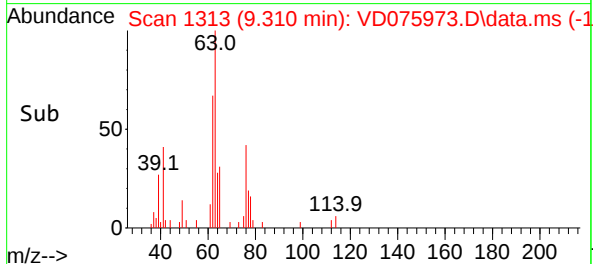
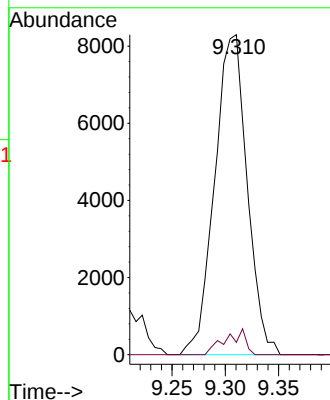
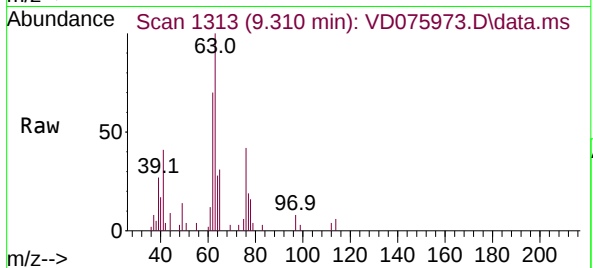
112 5.0 4.0 6.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/03/2023

Supervised By :Mahesh Dadoda 05/03/2023



#38

Bromodichloromethane

Concen: 29.831 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. 0.006 min

Lab File: VD075973.D

Acq: 02 May 2023 19:30

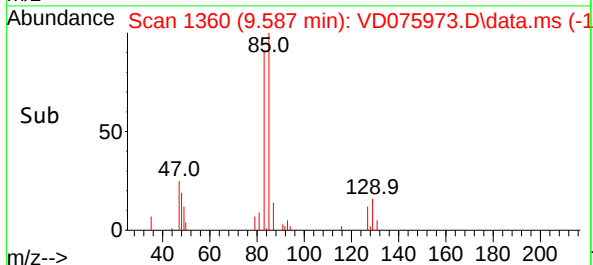
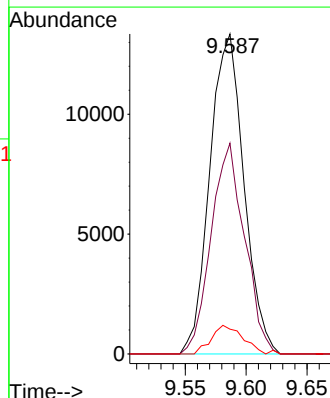
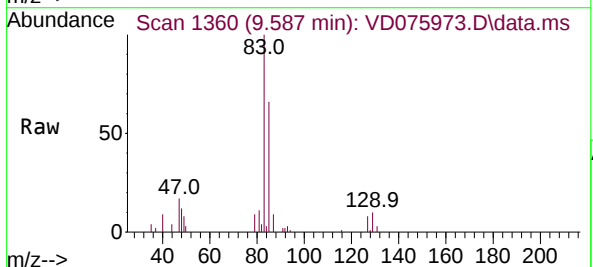
Tgt Ion: 83 Resp: 25999

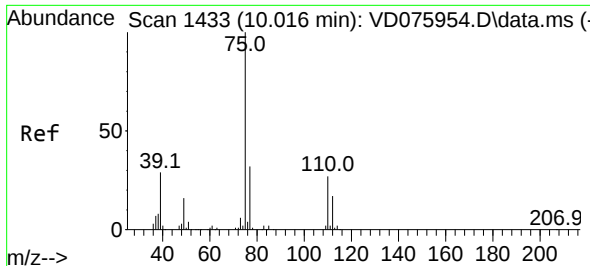
Ion Ratio Lower Upper

83 100

85 65.8 44.2 82.2

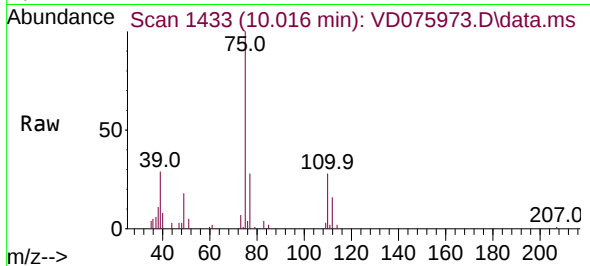
127 7.8 6.3 9.5





#39  
cis-1,3-Dichloropropene  
Concen: 25.673 ug/L  
RT: 10.016 min Scan# 1433  
Delta R.T. -0.000 min  
Lab File: VD075973.D  
Acq: 02 May 2023 19:30

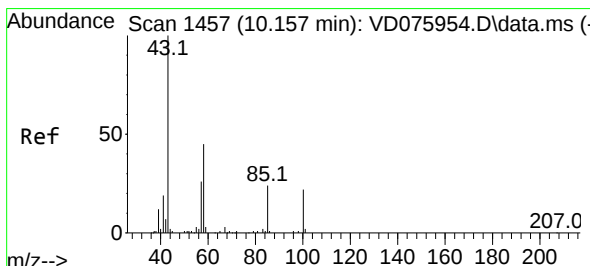
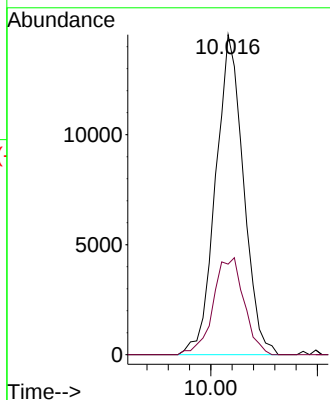
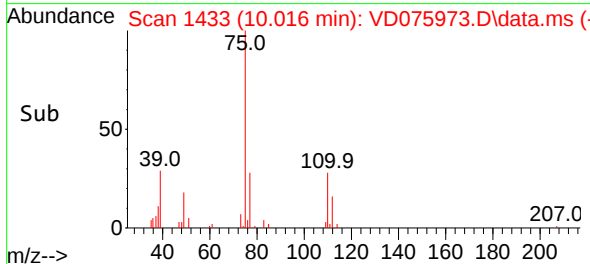
Instrument :  
MSVOA\_D  
ClientSampleId :  
DCCN0MSD



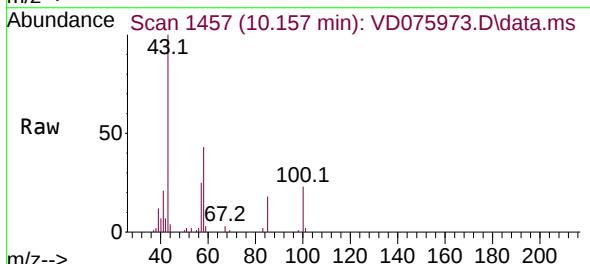
Tgt Ion: 75 Resp: 2639  
Ion Ratio Lower Upper  
75 100  
77 28.3 23.4 43.6

Manual Integrations  
APPROVED

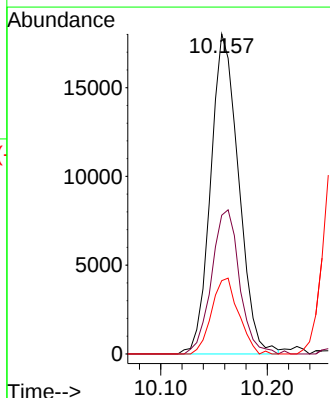
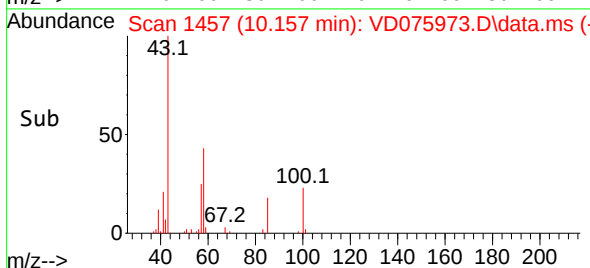
Reviewed By :Krupa Patel 05/03/2023  
Supervised By :Mahesh Dadoda 05/03/2023

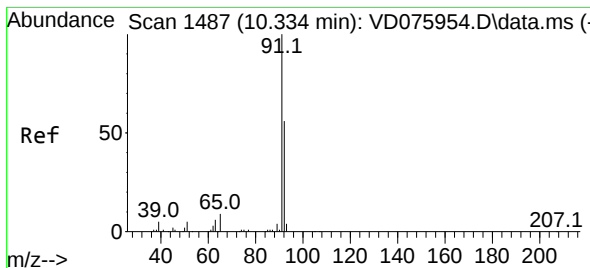


#40  
4-Methyl-2-pentanone  
Concen: 139.372 ug/L  
RT: 10.157 min Scan# 1457  
Delta R.T. -0.000 min  
Lab File: VD075973.D  
Acq: 02 May 2023 19:30



Tgt Ion: 43 Resp: 32845  
Ion Ratio Lower Upper  
43 100  
58 44.9 39.1 58.7  
100 22.7 19.4 29.0





#42

Toluene

Concen: 21.470 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD075973.D

Acq: 02 May 2023 19:30

Instrument :

MSVOA\_D

ClientSampleId :

DCCN0MSD

Tgt Ion: 91 Resp: 6537

Ion Ratio Lower Upper

91 100

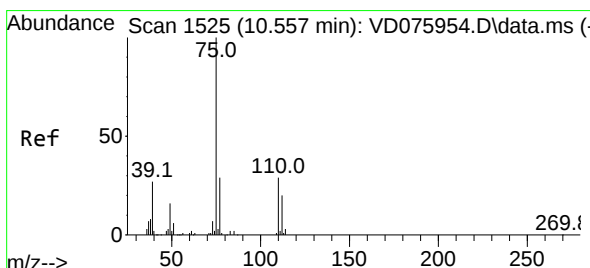
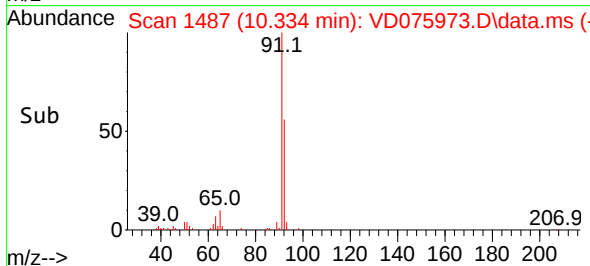
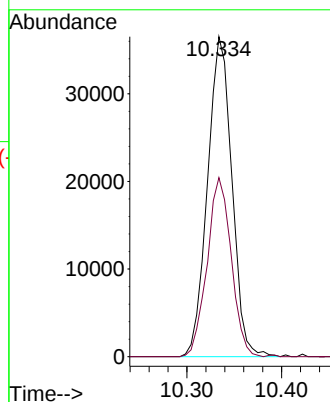
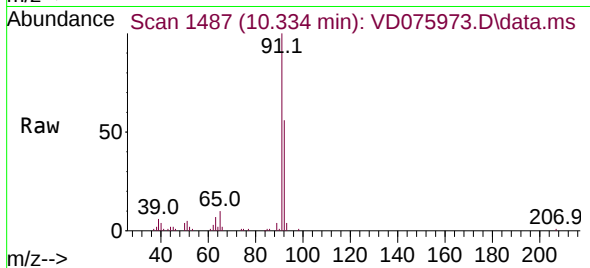
92 55.9 39.3 72.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/03/2023

Supervised By :Mahesh Dadoda 05/03/2023



#44

trans-1,3-Dichloropropene

Concen: 32.701 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. -0.006 min

Lab File: VD075973.D

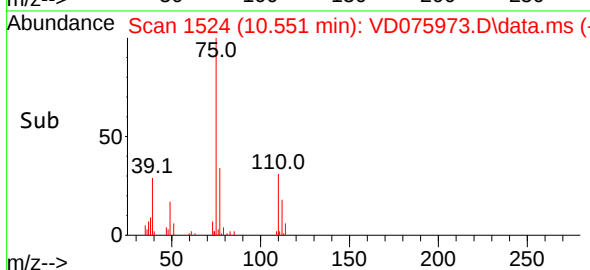
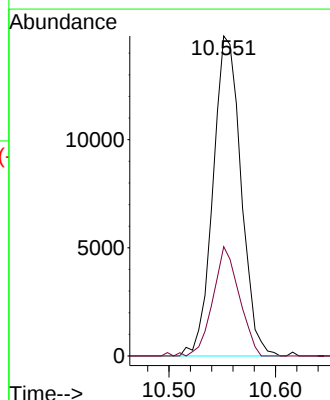
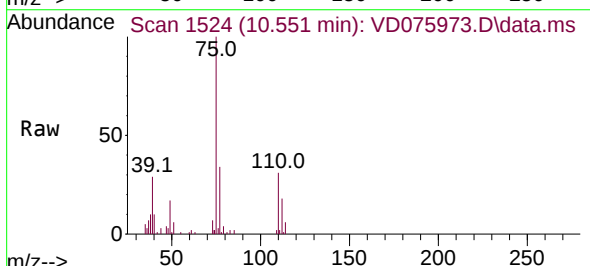
Acq: 02 May 2023 19:30

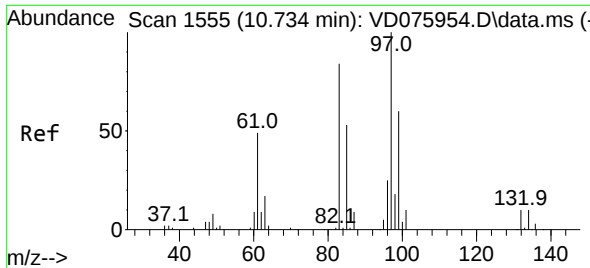
Tgt Ion: 75 Resp: 27004

Ion Ratio Lower Upper

75 100

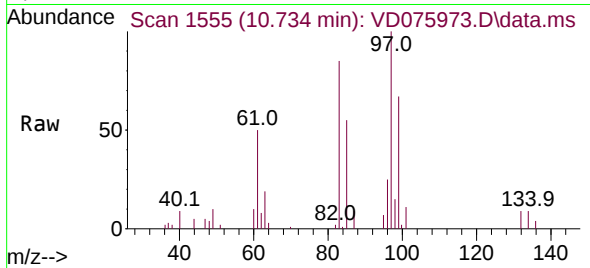
77 34.1 22.0 41.0





#45  
1,1,2-Trichloroethane  
Concen: 40.488 ug/L  
RT: 10.734 min Scan# 1555  
Delta R.T. -0.000 min  
Lab File: VD075973.D  
Acq: 02 May 2023 19:30

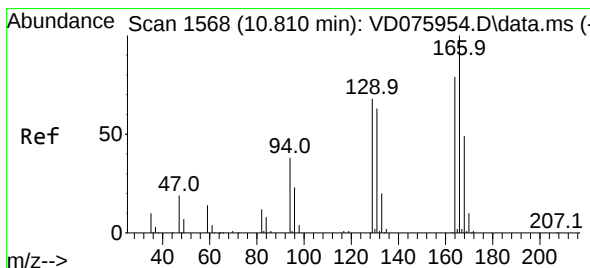
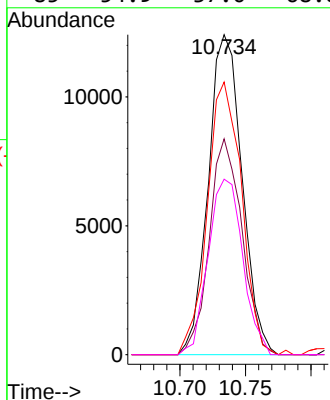
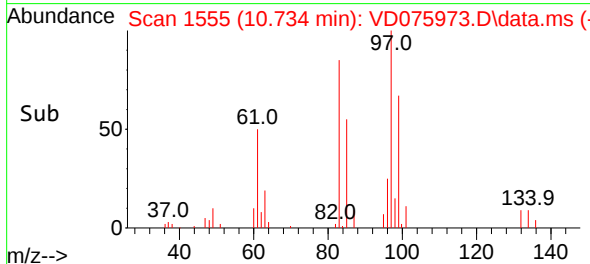
Instrument :  
MSVOA\_D  
ClientSampleId :  
DCCN0MSD



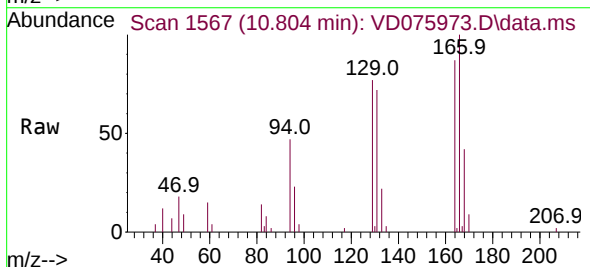
| Tgt Ion:  | 97    | Resp: | 2226  |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 97        | 100   |       |       |
| 99        | 67.5  | 42.2  | 78.4  |
| 83        | 85.2  | 54.8  | 101.8 |
| 85        | 54.9  | 37.0  | 68.8  |

Manual Integrations  
APPROVED

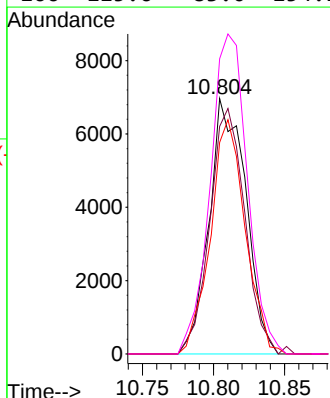
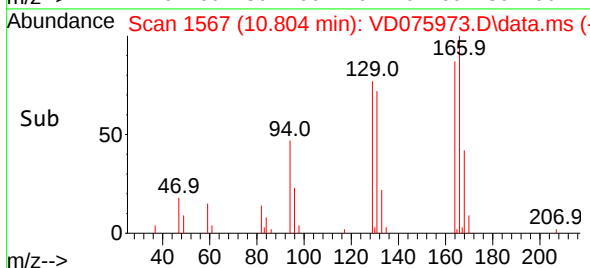
Reviewed By :Krupa Patel 05/03/2023  
Supervised By :Mahesh Dadoda 05/03/2023

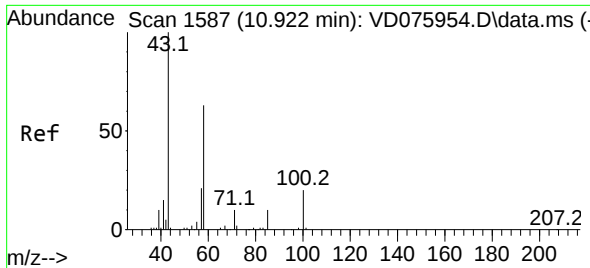


#46  
Tetrachloroethene  
Concen: 21.035 ug/L  
RT: 10.804 min Scan# 1567  
Delta R.T. -0.006 min  
Lab File: VD075973.D  
Acq: 02 May 2023 19:30



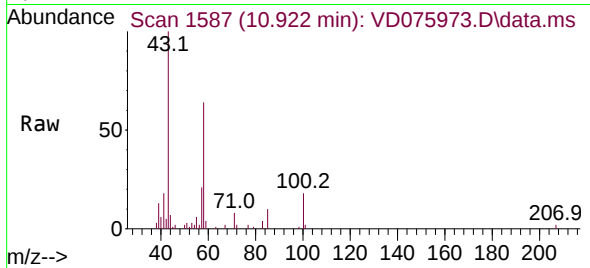
| Tgt Ion:  | 164   | Resp: | 12555 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 164       | 100   |       |       |
| 129       | 89.1  | 60.3  | 112.1 |
| 131       | 82.8  | 58.9  | 109.3 |
| 166       | 115.6 | 83.0  | 154.1 |





#48  
2-Hexanone  
Concen: 146.661 ug/L  
RT: 10.922 min Scan# 1587  
Delta R.T. -0.000 min  
Lab File: VD075973.D  
Acq: 02 May 2023 19:30

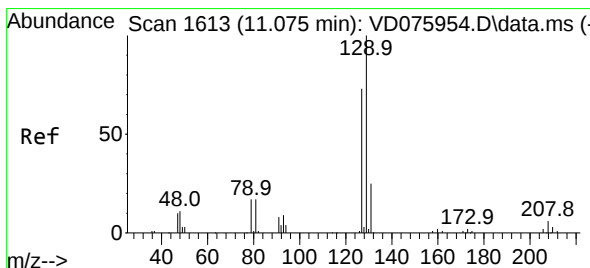
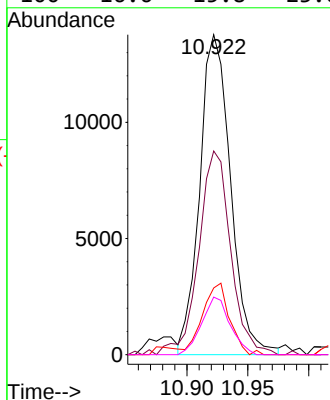
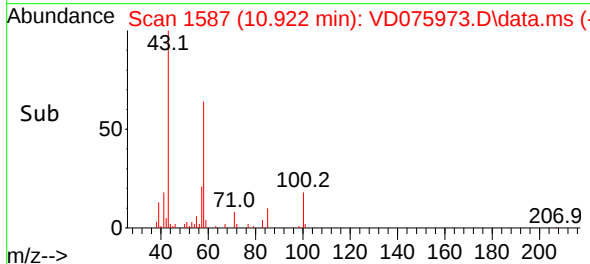
Instrument :  
MSVOA\_D  
ClientSampleId :  
DCCN0MSD



Tgt Ion: 43 Resp: 2436  
Ion Ratio Lower Upper  
43 100  
58 63.7 59.7 89.5  
57 19.1 17.9 26.9  
100 16.6 15.8 23.6

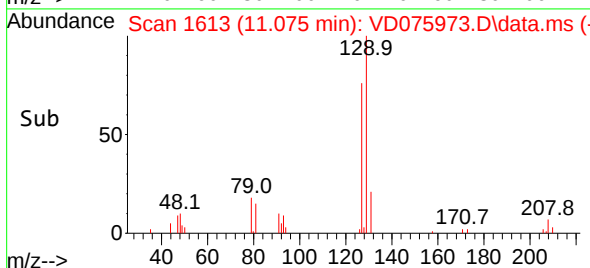
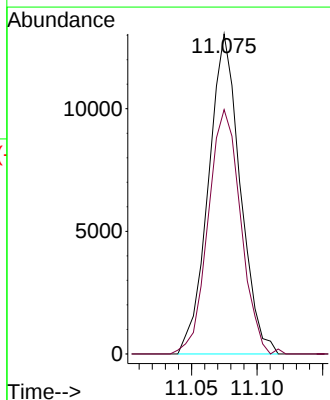
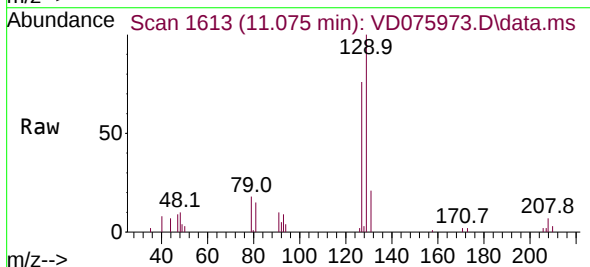
Manual Integrations  
APPROVED

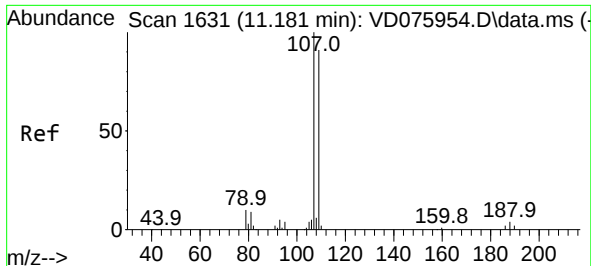
Reviewed By :Krupa Patel 05/03/2023  
Supervised By :Mahesh Dadoda 05/03/2023



#49  
Dibromochloromethane  
Concen: 36.723 ug/L  
RT: 11.075 min Scan# 1613  
Delta R.T. -0.000 min  
Lab File: VD075973.D  
Acq: 02 May 2023 19:30

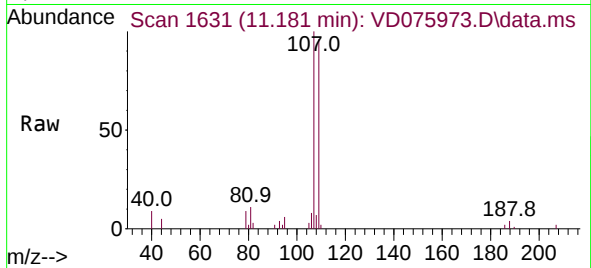
Tgt Ion:129 Resp: 21984  
Ion Ratio Lower Upper  
129 100  
127 76.3 55.6 103.4





#50  
1,2-Dibromoethane  
Concen: 46.649 ug/L  
RT: 11.181 min Scan# 1631  
Delta R.T. -0.000 min  
Lab File: VD075973.D  
Acq: 02 May 2023 19:30

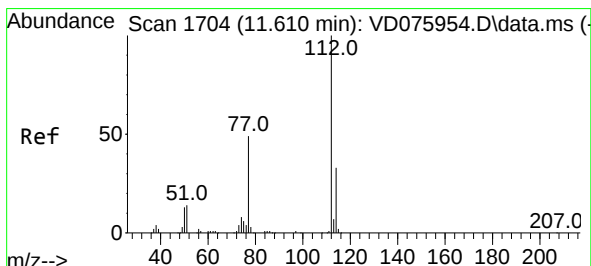
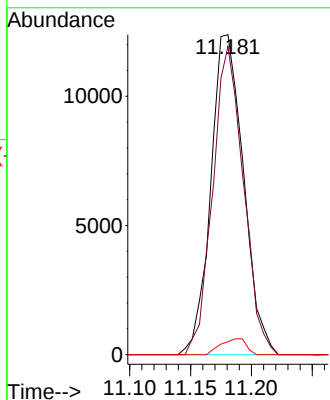
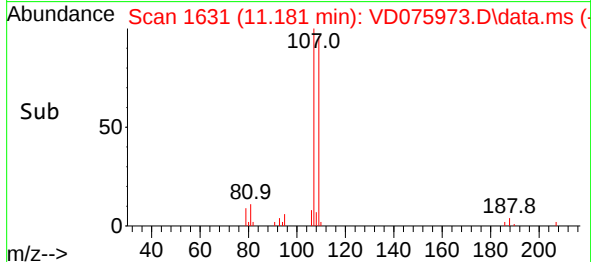
Instrument :  
MSVOA\_D  
ClientSampleId :  
DCCN0MSD



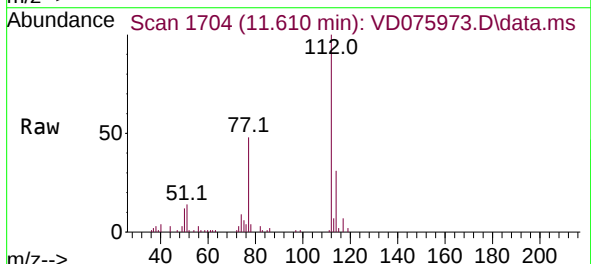
Tgt Ion:107 Resp: 2312  
Ion Ratio Lower Upper  
107 100  
109 96.3 67.6 125.6  
188 4.1 3.0 4.6

Manual Integrations  
APPROVED

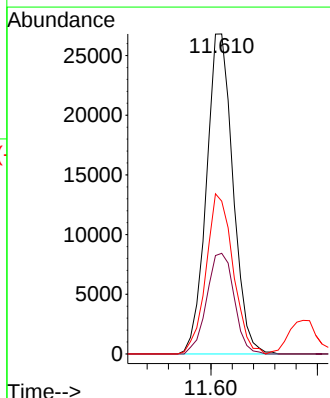
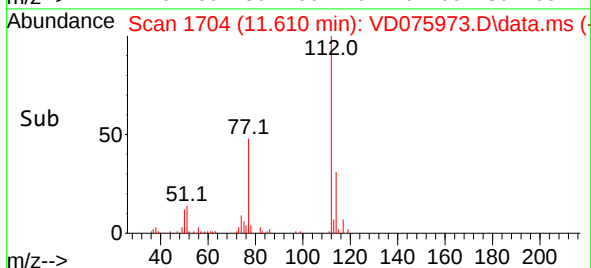
Reviewed By :Krupa Patel 05/03/2023  
Supervised By :Mahesh Dadoda 05/03/2023

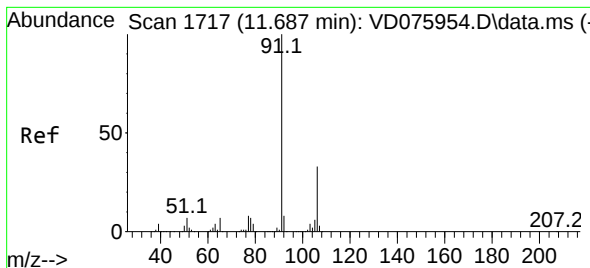


#51  
Chlorobenzene  
Concen: 23.307 ug/L  
RT: 11.610 min Scan# 1704  
Delta R.T. -0.000 min  
Lab File: VD075973.D  
Acq: 02 May 2023 19:30



Tgt Ion:112 Resp: 46429  
Ion Ratio Lower Upper  
112 100  
114 31.4 23.0 42.8  
77 47.8 39.7 59.5





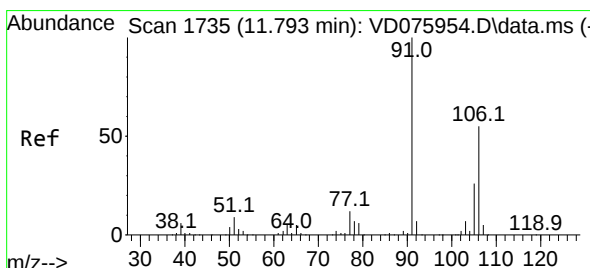
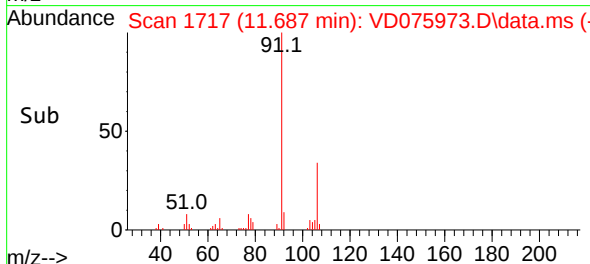
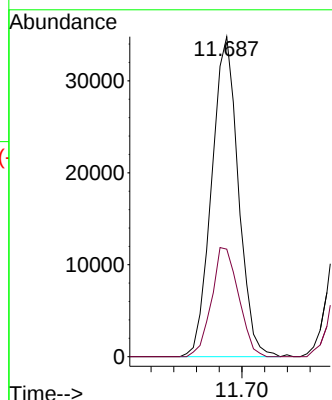
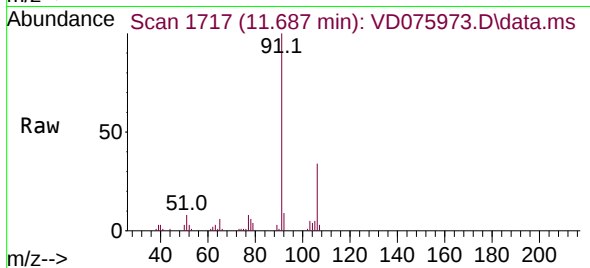
#52  
Ethylbenzene  
Concen: 18.196 ug/L  
RT: 11.687 min Scan# 1717  
Delta R.T. -0.000 min  
Lab File: VD075973.D  
Acq: 02 May 2023 19:30

Instrument :  
MSVOA\_D  
ClientSampleId :  
DCCN0MSD

Tgt Ion: 91 Resp: 5681  
Ion Ratio Lower Upper  
91 100  
106 33.6 23.7 43.9

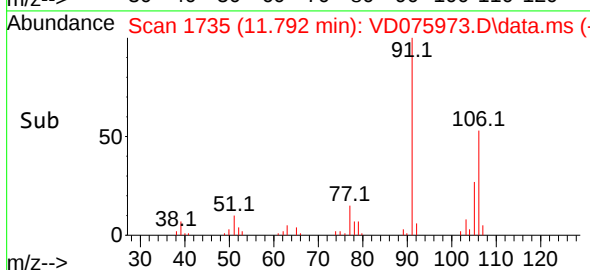
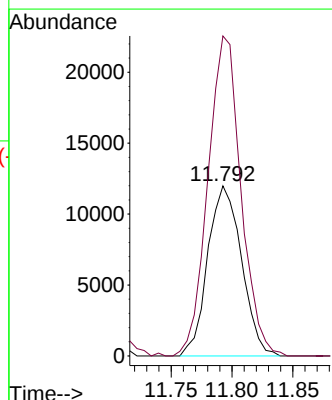
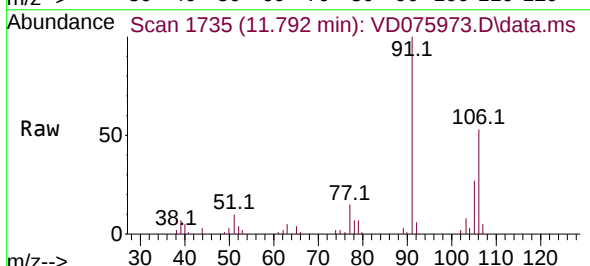
Manual Integrations  
APPROVED

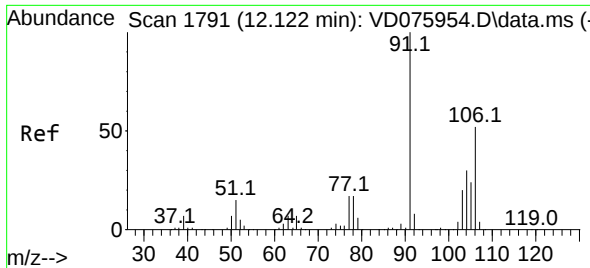
Reviewed By :Krupa Patel 05/03/2023  
Supervised By :Mahesh Dadoda 05/03/2023



#53  
m,p-Xylene  
Concen: 18.638 ug/L  
RT: 11.792 min Scan# 1735  
Delta R.T. -0.000 min  
Lab File: VD075973.D  
Acq: 02 May 2023 19:30

Tgt Ion:106 Resp: 23174  
Ion Ratio Lower Upper  
106 100  
91 188.2 130.9 243.1





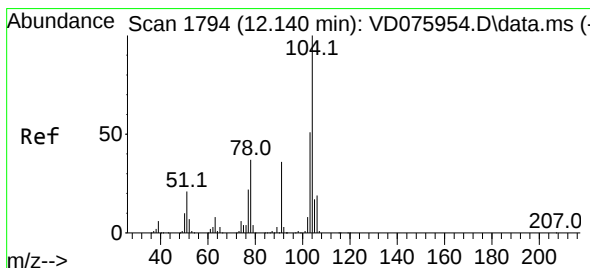
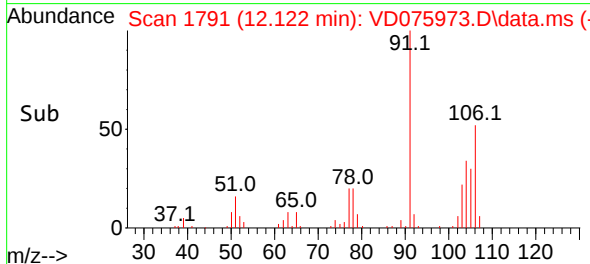
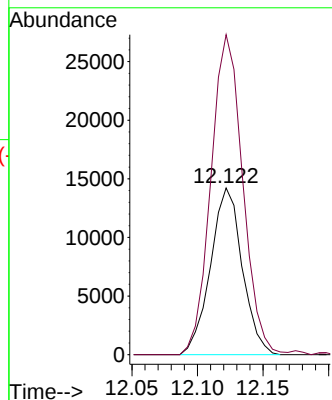
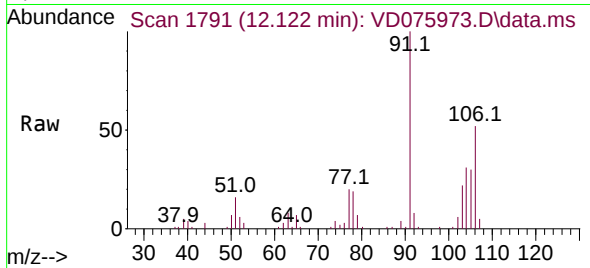
#54  
o-Xylene  
Concen: 20.284 ug/L  
RT: 12.122 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: VD075973.D  
Acq: 02 May 2023 19:30

Instrument :  
MSVOA\_D  
ClientSampleId :  
DCCN0MSD

Tgt Ion:106 Resp: 2395  
Ion Ratio Lower Upper  
106 100  
91 191.9 139.8 259.6

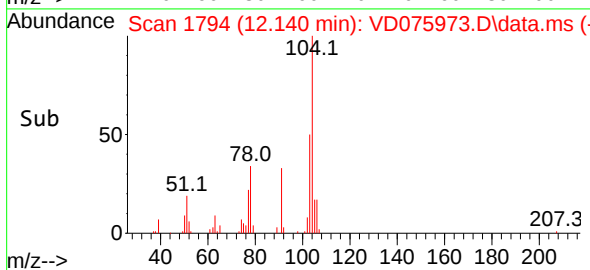
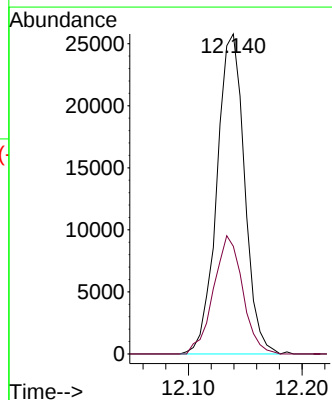
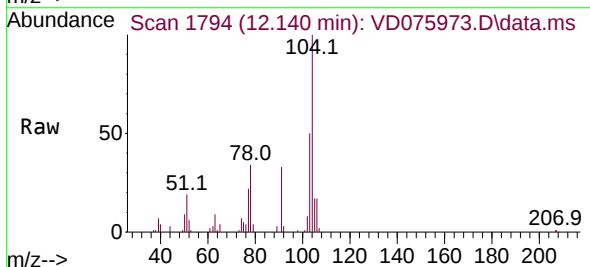
Manual Integrations  
APPROVED

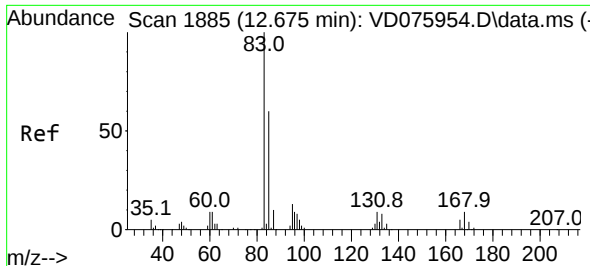
Reviewed By :Krupa Patel 05/03/2023  
Supervised By :Mahesh Dadoda 05/03/2023



#55  
Styrene  
Concen: 21.228 ug/L  
RT: 12.140 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VD075973.D  
Acq: 02 May 2023 19:30

Tgt Ion:104 Resp: 43632  
Ion Ratio Lower Upper  
104 100  
78 33.7 26.2 48.6





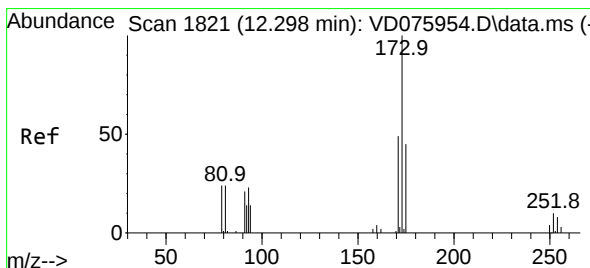
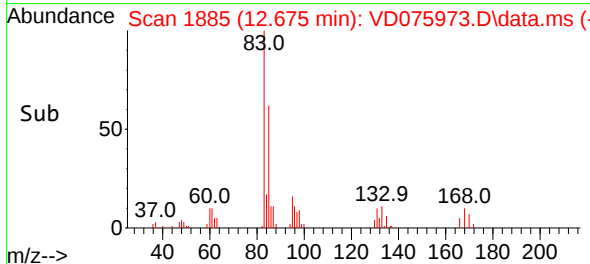
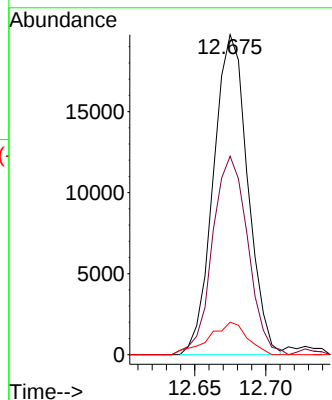
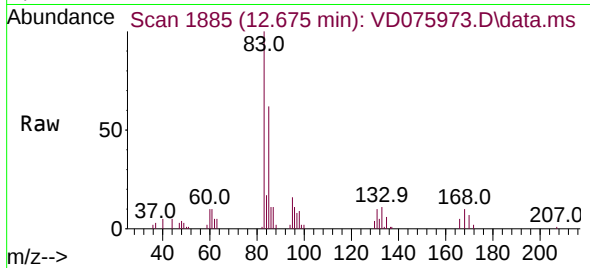
#57  
1,1,2,2-Tetrachloroethane  
Concen: 59.268 ug/L  
RT: 12.675 min Scan# 1885  
Delta R.T. -0.000 min  
Lab File: VD075973.D  
Acq: 02 May 2023 19:30

Instrument :  
MSVOA\_D  
ClientSampleId :  
DCCN0MSD

Tgt Ion: 83 Resp: 3316  
Ion Ratio Lower Upper  
83 100  
85 62.0 45.1 83.7  
131 10.2 7.0 10.6

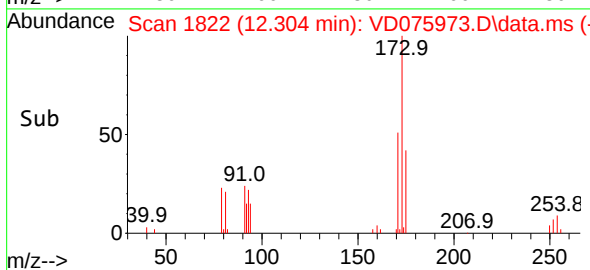
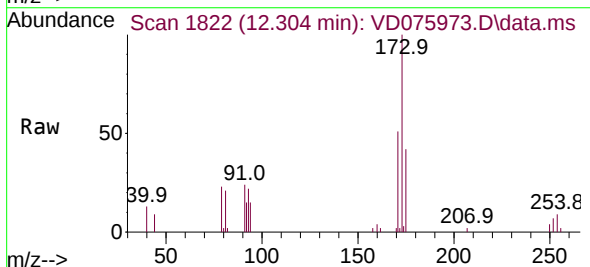
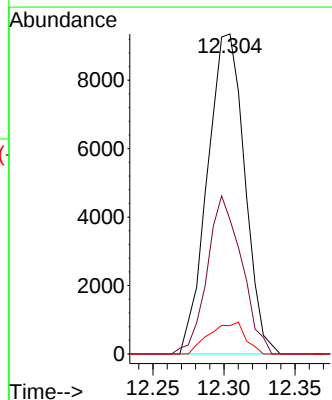
Manual Integrations  
APPROVED

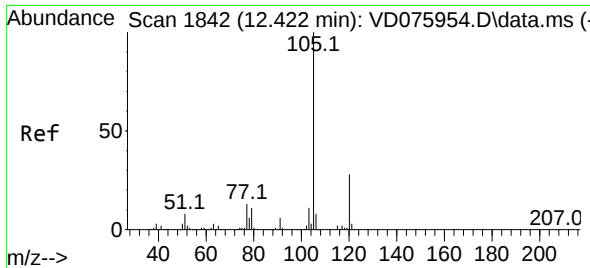
Reviewed By :Krupa Patel 05/03/2023  
Supervised By :Mahesh Dadoda 05/03/2023



#59  
Bromoform  
Concen: 49.847 ug/L  
RT: 12.304 min Scan# 1822  
Delta R.T. 0.006 min  
Lab File: VD075973.D  
Acq: 02 May 2023 19:30

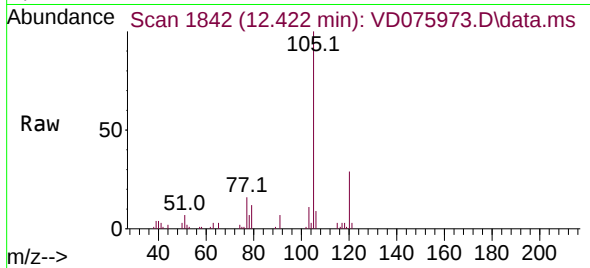
Tgt Ion:173 Resp: 17024  
Ion Ratio Lower Upper  
173 100  
175 45.7 39.4 59.0  
254 9.5 7.4 11.2





#60  
Isopropylbenzene  
Concen: 16.839 ug/L  
RT: 12.422 min Scan# 1842  
Delta R.T. -0.000 min  
Lab File: VD075973.D  
Acq: 02 May 2023 19:30

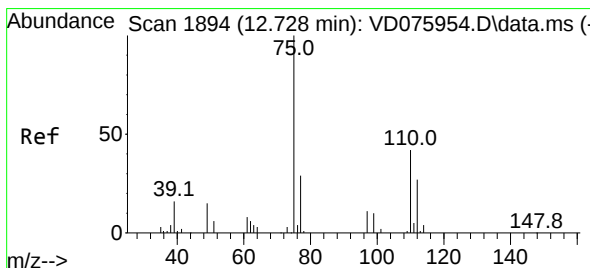
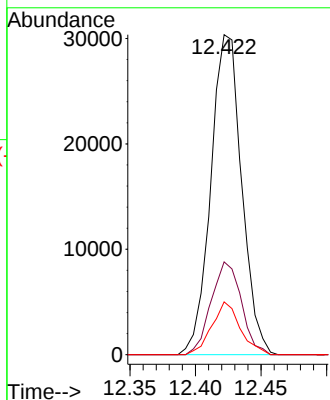
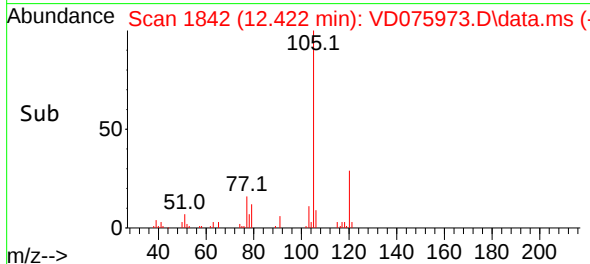
Instrument :  
MSVOA\_D  
ClientSampleId :  
DCCN0MSD



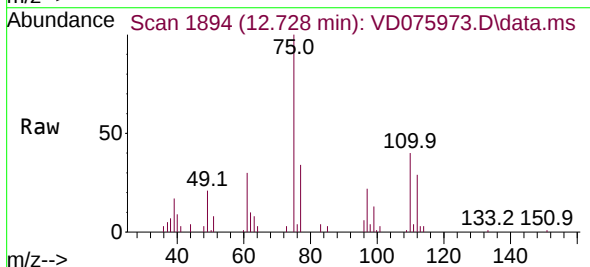
Tgt Ion:105 Resp: 49750  
Ion Ratio Lower Upper  
105 100  
120 28.4 22.7 34.1  
77 15.2 10.9 16.3

Manual Integrations  
APPROVED

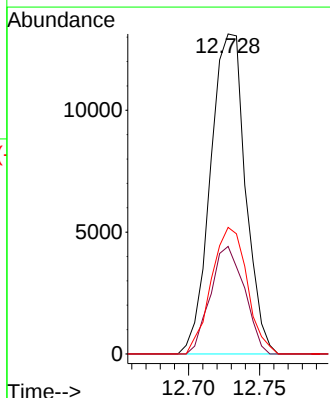
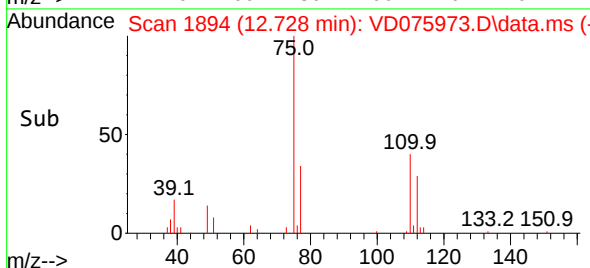
Reviewed By :Krupa Patel 05/03/2023  
Supervised By :Mahesh Dadoda 05/03/2023

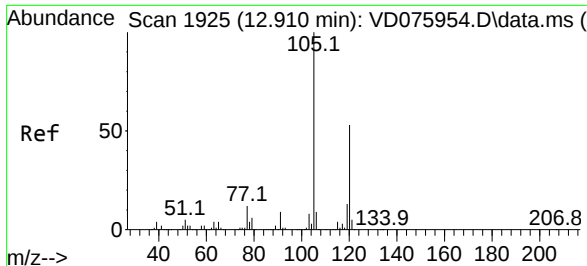


#61  
1,2,3-Trichloropropane  
Concen: 64.318 ug/L  
RT: 12.728 min Scan# 1894  
Delta R.T. -0.000 min  
Lab File: VD075973.D  
Acq: 02 May 2023 19:30



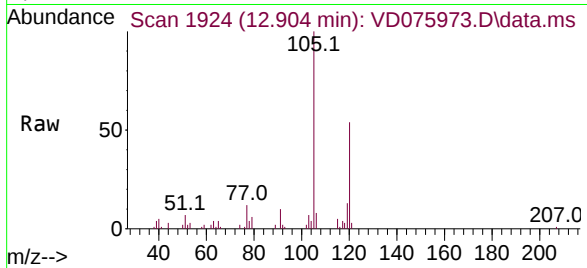
Tgt Ion: 75 Resp: 22515  
Ion Ratio Lower Upper  
75 100  
77 32.6 26.6 39.8  
110 40.4 33.5 50.3





#62  
1,3,5-Trimethylbenzene  
Concen: 17.753 ug/L  
RT: 12.904 min Scan# 1924  
Delta R.T. -0.006 min  
Lab File: VD075973.D  
Acq: 02 May 2023 19:30

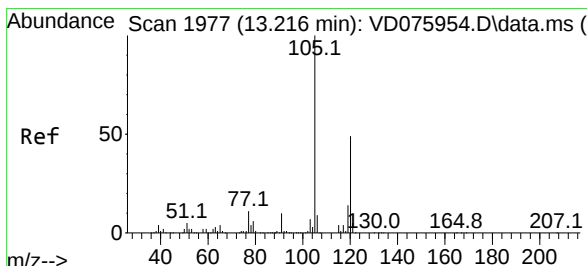
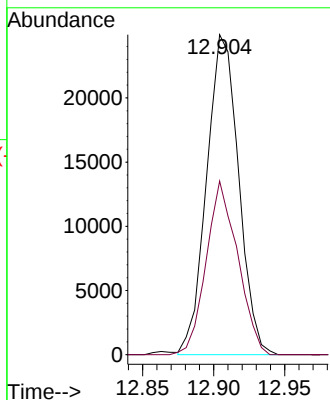
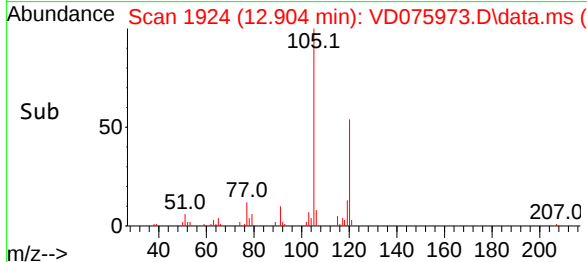
Instrument :  
MSVOA\_D  
ClientSampleId :  
DCCN0MSD



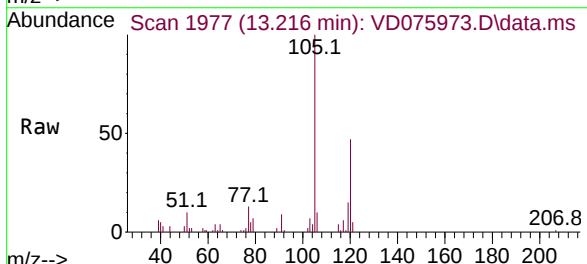
Tgt Ion:105 Resp: 3911  
Ion Ratio Lower Upper  
105 100  
120 53.3 42.0 63.0

Manual Integrations  
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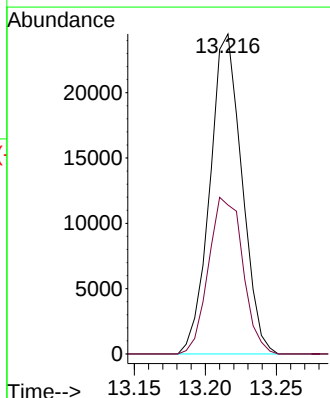
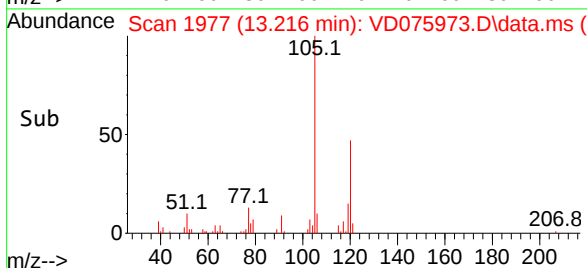
Reviewed By :Krupa Patel 05/03/2023  
Supervised By :Mahesh Dadoda 05/03/2023

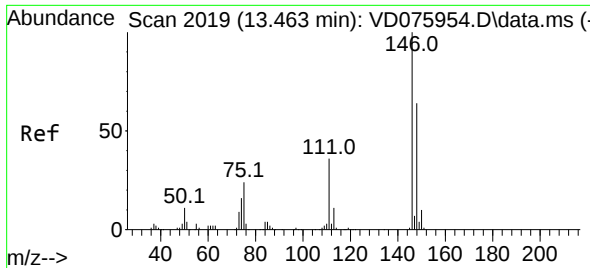


#63  
1,2,4-Trimethylbenzene  
Concen: 18.044 ug/L  
RT: 13.216 min Scan# 1977  
Delta R.T. -0.000 min  
Lab File: VD075973.D  
Acq: 02 May 2023 19:30



Tgt Ion:105 Resp: 38324  
Ion Ratio Lower Upper  
105 100  
120 52.5 39.0 58.6





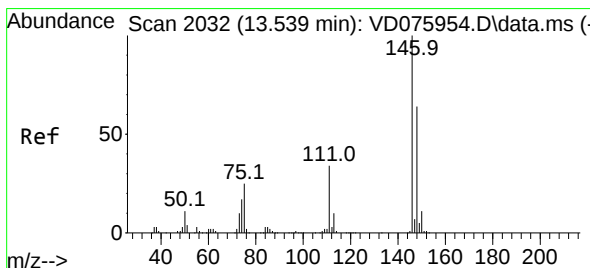
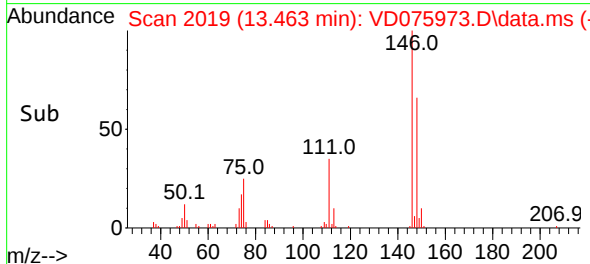
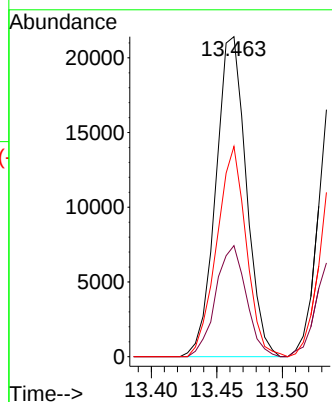
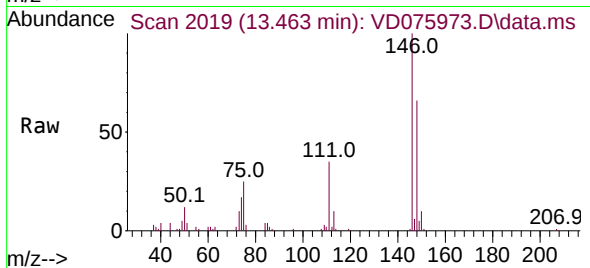
#64  
1,3-Dichlorobenzene  
Concen: 24.473 ug/L  
RT: 13.463 min Scan# 2019  
Delta R.T. -0.000 min  
Lab File: VD075973.D  
Acq: 02 May 2023 19:30

Instrument :  
MSVOA\_D  
ClientSampleId :  
DCCN0MSD

Tgt Ion:146 Resp: 34600  
Ion Ratio Lower Upper  
146 100  
111 34.7 26.5 49.1  
148 65.7 43.8 81.3

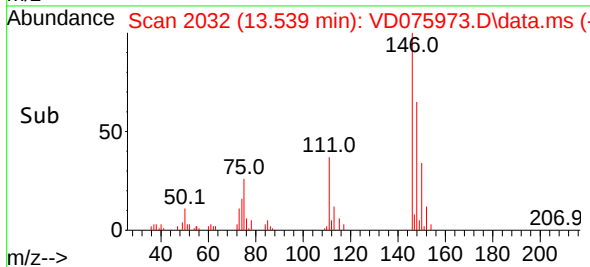
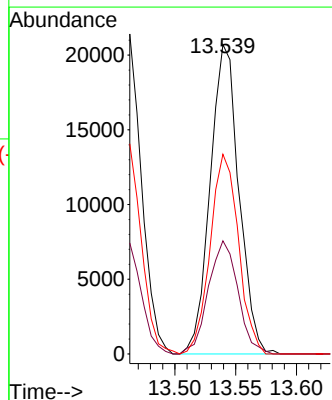
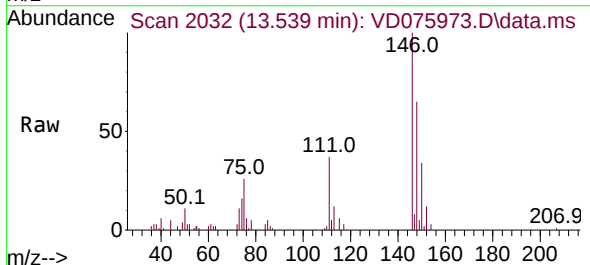
Manual Integrations  
APPROVED

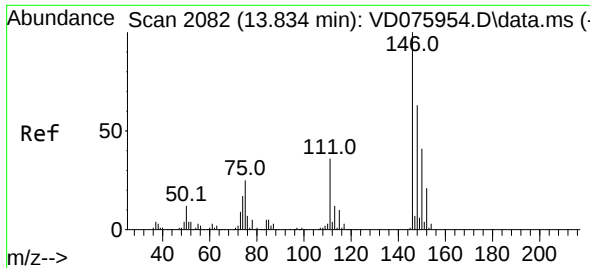
Reviewed By :Krupa Patel 05/03/2023  
Supervised By :Mahesh Dadoda 05/03/2023



#65  
1,4-Dichlorobenzene  
Concen: 22.956 ug/L  
RT: 13.539 min Scan# 2032  
Delta R.T. -0.000 min  
Lab File: VD075973.D  
Acq: 02 May 2023 19:30

Tgt Ion:146 Resp: 34062  
Ion Ratio Lower Upper  
146 100  
111 36.6 24.6 45.8  
148 64.5 44.4 82.4





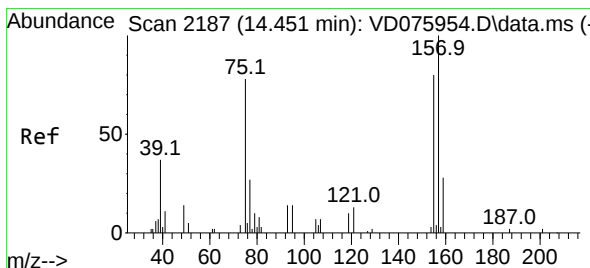
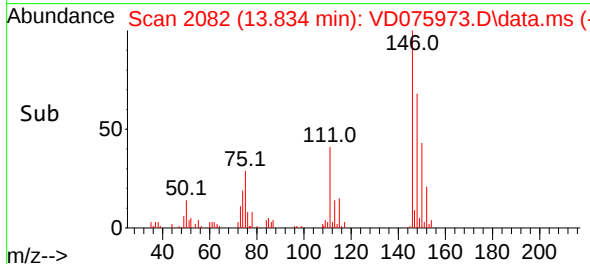
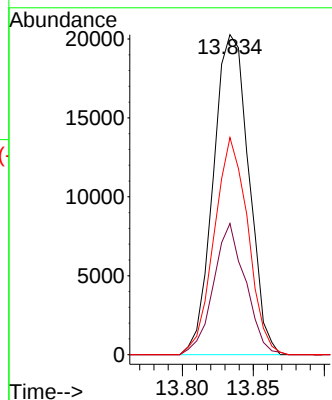
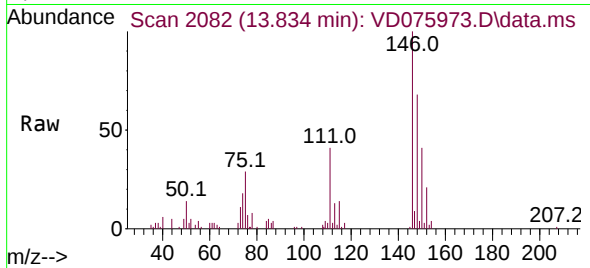
#67  
1,2-Dichlorobenzene  
Concen: 27.900 ug/L  
RT: 13.834 min Scan# 2082  
Delta R.T. -0.000 min  
Lab File: VD075973.D  
Acq: 02 May 2023 19:30

Instrument :  
MSVOA\_D  
ClientSampleId :  
DCCN0MSD

Tgt Ion:146 Resp: 3522  
Ion Ratio Lower Upper  
146 100  
111 41.0 30.6 46.0  
148 67.8 51.4 77.0

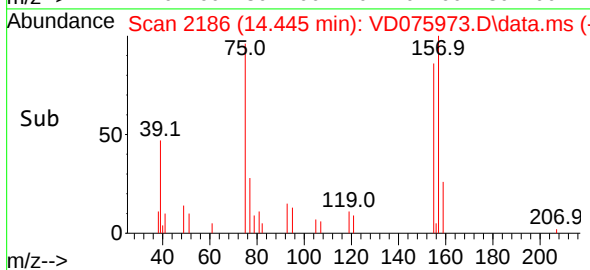
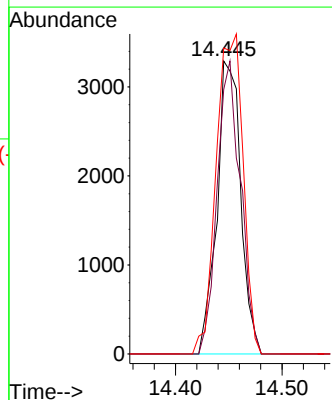
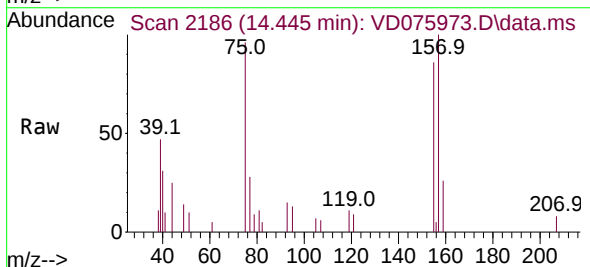
Manual Integrations  
APPROVED

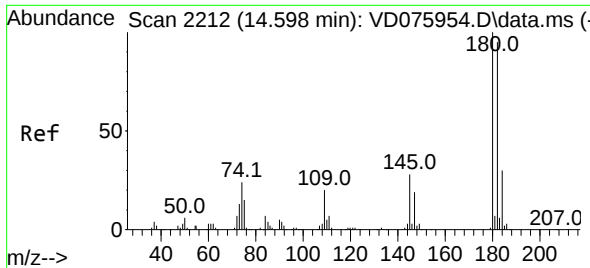
Reviewed By :Krupa Patel 05/03/2023  
Supervised By :Mahesh Dadoda 05/03/2023



#68  
1,2-Dibromo-3-chloropropane  
Concen: 72.991 ug/L  
RT: 14.445 min Scan# 2186  
Delta R.T. -0.006 min  
Lab File: VD075973.D  
Acq: 02 May 2023 19:30

Tgt Ion: 75 Resp: 5108  
Ion Ratio Lower Upper  
75 100  
155 90.3 74.6 111.8  
157 104.4 109.4 164.2#





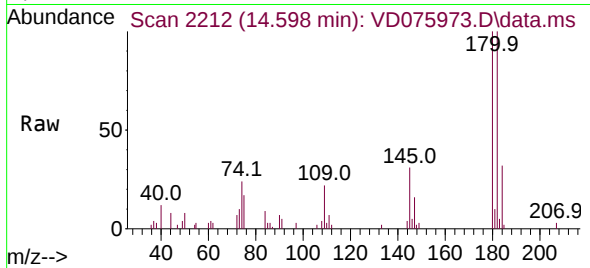
#69  
1,3,5-Trichlorobenzene  
Concen: 20.042 ug/L  
RT: 14.598 min Scan# 2212  
Delta R.T. -0.000 min  
Lab File: VD075973.D  
Acq: 02 May 2023 19:30

Instrument :

MSVOA\_D

ClientSampleId :

DCCN0MSD



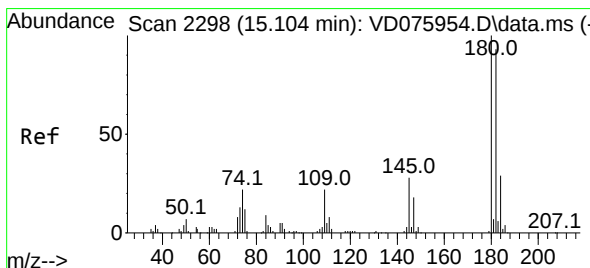
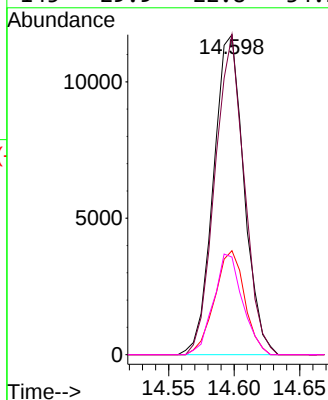
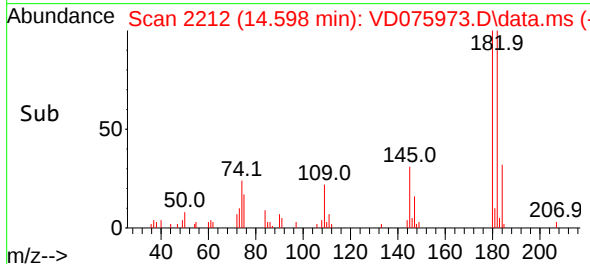
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.5  | 74.9  | 112.3 |
| 184     | 31.8  | 25.0  | 37.4  |
| 145     | 29.9  | 22.8  | 34.2  |

Manual Integrations

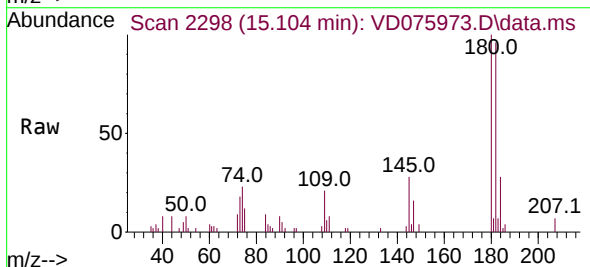
APPROVED

Reviewed By :Krupa Patel 05/03/2023

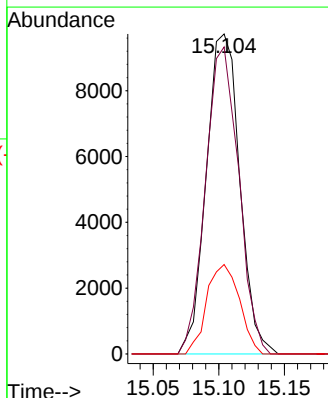
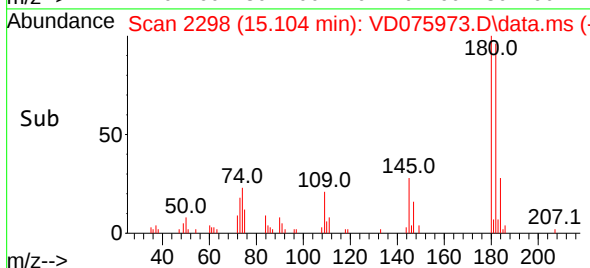
Supervised By :Mahesh Dadoda 05/03/2023

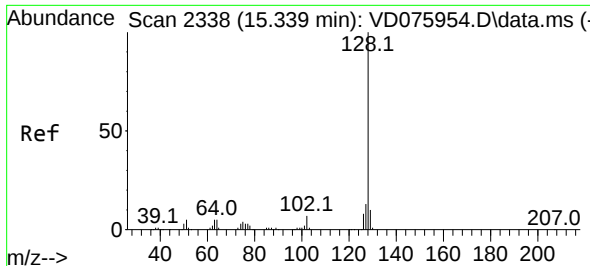


#70  
1,2,4-trichlorobenzene  
Concen: 21.982 ug/L  
RT: 15.104 min Scan# 2298  
Delta R.T. -0.000 min  
Lab File: VD075973.D  
Acq: 02 May 2023 19:30



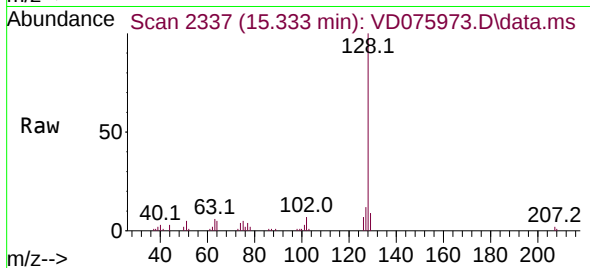
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.1  | 75.4  | 113.2 |
| 145     | 27.3  | 23.6  | 35.4  |





#71  
Naphthalene  
Concen: 43.316 ug/L  
RT: 15.333 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VD075973.D  
Acq: 02 May 2023 19:30

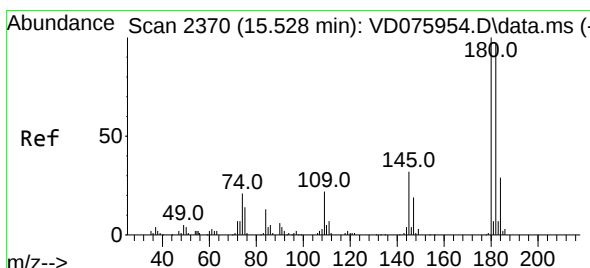
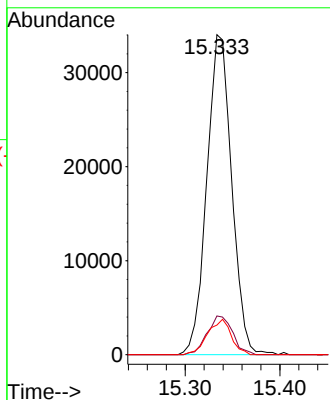
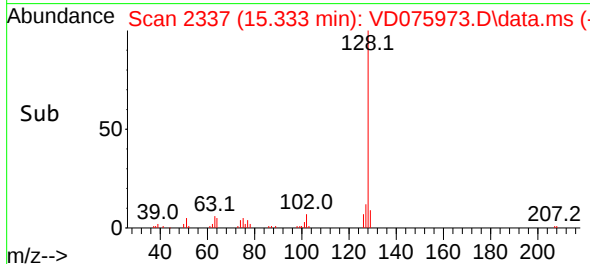
Instrument :  
MSVOA\_D  
ClientSampleId :  
DCCN0MSD



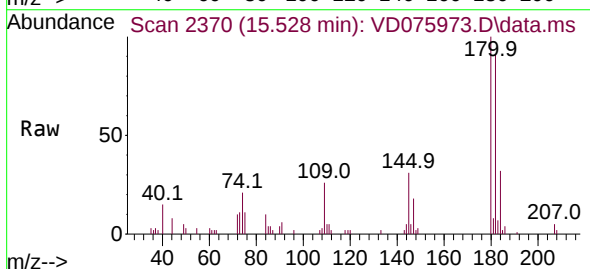
Tgt Ion:128 Resp: 62248  
Ion Ratio Lower Upper  
128 100  
127 12.3 10.5 15.7  
129 10.5 9.1 13.7

Manual Integrations  
APPROVED

Reviewed By :Krupa Patel 05/03/2023  
Supervised By :Mahesh Dadoda 05/03/2023



#72  
1,2,3-Trichlorobenzene  
Concen: 27.792 ug/L  
RT: 15.528 min Scan# 2370  
Delta R.T. -0.000 min  
Lab File: VD075973.D  
Acq: 02 May 2023 19:30



Tgt Ion:180 Resp: 19482  
Ion Ratio Lower Upper  
180 100  
182 95.3 76.3 114.5  
145 29.0 25.0 37.6

