

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX032823\  
 Data File : VX034765.D  
 Acq On : 27 Mar 2023 22:34  
 Operator : JC/MD  
 Sample : VSTDICC010  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC010

Quant Time: Mar 28 05:46:39 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X032823W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Tue Mar 28 05:37:20 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : John Carlone 03/28/2023  
 Supervised By : Semsettin Yesilyurt 03/28/2023

| Compound                     | R.T.           | QIon | Response             | Conc   | Units  | Dev(Min) |
|------------------------------|----------------|------|----------------------|--------|--------|----------|
| -----                        |                |      |                      |        |        |          |
| Internal Standards           |                |      |                      |        |        |          |
| 1) Bromochloromethane        | 4.904          | 128  | 26638                | 30.000 | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene      | 6.763          | 114  | 192878               | 30.000 | ug/l   | 0.00     |
| 57) Chlorobenzene-d5         | 10.055         | 117  | 207452               | 30.000 | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |                      |        |        |          |
| 27) 1,2-Dichloroethane-d4    | 5.958          | 65   | 77048                | 35.922 | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 91 - 110 |      | Recovery = 119.733%# |        |        |          |
| 60) 4-Bromofluorobenzene     | 11.079         | 95   | 116755               | 31.213 | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 63 - 112 |      | Recovery = 104.033%  |        |        |          |
| 63) Toluene-d8               | 8.647          | 98   | 214266               | 32.137 | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 91 - 112 |      | Recovery = 107.133%  |        |        |          |
| Target Compounds             |                |      |                      |        |        |          |
|                              |                |      |                      |        | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.166          | 85   | 28071                | 11.706 | ug/l   | 95       |
| 3) Chloromethane             | 1.294          | 50   | 37179                | 13.078 | ug/l   | 99       |
| 4) Vinyl Chloride            | 1.374          | 62   | 35851                | 13.003 | ug/l   | 98       |
| 5) Bromomethane              | 1.618          | 94   | 24319                | 13.416 | ug/l   | 96       |
| 6) Chloroethane              | 1.691          | 64   | 21763                | 14.212 | ug/l   | 97       |
| 7) Trichlorofluoromethane    | 1.892          | 101  | 56889                | 13.816 | ug/l   | 99       |
| 8) Diethyl Ether             | 2.130          | 74   | 19943                | 12.786 | ug/l   | 96       |
| 9) 1,1,2-Trichlorotrifluo... | 2.331          | 101  | 27771                | 11.628 | ug/l   | 89       |
| 10) 1,1-Dichloroethene       | 2.319          | 96   | 28301                | 11.926 | ug/l   | 94       |
| 11) Methyl Iodide            | 2.453          | 142  | 32739                | 9.419  | ug/l   | 92       |
| 12) Methyl Acetate           | 2.703          | 43   | 63481                | 14.378 | ug/l   | 97       |
| 13) Acrolein                 | 2.239          | 56   | 35448                | 68.945 | ug/l   | 93       |
| 14) Acrylonitrile            | 3.068          | 53   | 86779                | 62.860 | ug/l   | 98       |
| 15) Acetone                  | 2.392          | 58   | 24329                | 59.887 | ug/l   | 95       |
| 16) Carbon Disulfide         | 2.514          | 76   | 67669                | 11.534 | ug/l   | 99       |
| 17) Allyl chloride           | 2.666          | 41   | 53474                | 12.310 | ug/l   | 91       |
| 18) Methylene Chloride       | 2.788          | 84   | 34139                | 12.537 | ug/l   | 96       |
| 19) trans-1,2-Dichloroethene | 3.093          | 96   | 30857                | 12.063 | ug/l   | 97       |
| 20) Diisopropyl ether        | 3.757          | 45   | 112186               | 12.915 | ug/l   | 95       |
| 21) 1,1-Dichloroethane       | 3.611          | 63   | 58689                | 12.450 | ug/l   | 100      |
| 22) cis-1,2-Dichloroethene   | 4.489          | 96   | 36354                | 12.053 | ug/l   | 93       |
| 23) tert-Butyl Alcohol       | 2.989          | 59   | 37492m               | 75.161 | ug/l   |          |
| 24) Methyl tert-Butyl Ether  | 3.111          | 73   | 101910               | 12.521 | ug/l   | 98       |
| 25) Chloroform               | 5.093          | 83   | 58369                | 12.344 | ug/l   | 97       |
| 26) Cyclohexane              | 5.477          | 56   | 51350                | 12.243 | ug/l # | 97       |
| 29) 1,1-Dichloropropene      | 5.690          | 75   | 44160                | 11.694 | ug/l   | 97       |
| 30) 2-Butanone               | 4.562          | 43   | 123988               | 58.391 | ug/l   | 99       |
| 31) 2,2-Dichloropropane      | 4.477          | 77   | 43259                | 11.807 | ug/l   | 97       |
| 32) 1,1,1-Trichloroethane    | 5.385          | 97   | 49166                | 11.223 | ug/l   | 97       |
| 33) Carbon Tetrachloride     | 5.672          | 117  | 40265                | 10.529 | ug/l   | 96       |
| 34) Benzene                  | 6.037          | 78   | 130539               | 11.603 | ug/l   | 98       |
| 35) Methacrylonitrile        | 4.928          | 41   | 27328                | 11.855 | ug/l   | 88       |
| 36) 1,2-Dichloroethane       | 6.086          | 62   | 49576                | 12.187 | ug/l   | 96       |
| 37) Trichloroethene          | 7.129          | 130  | 33415                | 10.830 | ug/l   | 96       |
| 38) Methylcyclohexane        | 7.379          | 83   | 46132                | 10.347 | ug/l   | 97       |
| 39) 1,2-Dichloropropane      | 7.427          | 63   | 34087                | 12.106 | ug/l   | 99       |
| 40) Dibromomethane           | 7.580          | 93   | 23082                | 11.611 | ug/l   | 87       |
| 41) Bromodichloromethane     | 7.818          | 83   | 40204                | 10.736 | ug/l # | 95       |
| 42) Vinyl Acetate            | 3.721          | 43   | 398510               | 56.099 | ug/l   | 98       |

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 Sample : VSTDICC010  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC010

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 03/28/2023  
 Supervised By : Semsettin Yesilyurt 03/28/2023

Quant Time: Mar 28 05:46:39 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X032823W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Tue Mar 28 05:37:20 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 43) Ethyl Acetate             | 4.715  | 43   | 48184    | 11.539  | ug/l   | 100      |
| 44) Isopropyl Acetate         | 6.342  | 43   | 78770    | 12.178  | ug/l   | 98       |
| 45) 1,4-Dioxane               | 7.702  | 88   | 16838    | 252.933 | ug/l # | 92       |
| 46) Methyl methacrylate       | 7.690  | 41   | 38342    | 11.871  | ug/l   | 93       |
| 47) n-amyl Acetate            | 10.842 | 43   | 64122    | 11.635  | ug/l   | 98       |
| 48) t-1,3-Dichloropropene     | 8.982  | 75   | 40602    | 10.133  | ug/l   | 98       |
| 49) cis-1,3-Dichloropropene   | 8.366  | 75   | 47337    | 10.566  | ug/l   | 94       |
| 50) 1,1,2-Trichloroethane     | 9.153  | 97   | 32329    | 11.067  | ug/l   | 94       |
| 51) Ethyl methacrylate        | 9.116  | 69   | 48922    | 11.059  | ug/l   | 98       |
| 52) 1,3-Dichloropropane       | 9.311  | 76   | 56455    | 11.309  | ug/l   | 98       |
| 53) Dibromochloromethane      | 9.519  | 129  | 26995    | 8.670   | ug/l   | 100      |
| 54) 1,2-Dibromoethane         | 9.610  | 107  | 33366    | 10.595  | ug/l   | 98       |
| 55) 2-Chloroethyl vinyl ether | 8.244  | 63   | 133946   | 62.527  | ug/l   | 98       |
| 56) Bromoform                 | 10.799 | 173  | 16817    | 7.238   | ug/l # | 96       |
| 58) 4-Methyl-2-Pentanone      | 8.574  | 43   | 246708   | 63.218  | ug/l   | 99       |
| 59) 2-Hexanone                | 9.433  | 43   | 183132   | 62.537  | ug/l   | 100      |
| 61) Tetrachloroethene         | 9.275  | 164  | 28577    | 10.492  | ug/l   | 92       |
| 62) Toluene                   | 8.720  | 91   | 140488   | 11.958  | ug/l   | 99       |
| 64) Chlorobenzene             | 10.079 | 112  | 83874    | 10.852  | ug/l   | 99       |
| 65) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 27958    | 9.825   | ug/l   | 98       |
| 66) Ethyl Benzene             | 10.195 | 91   | 153154   | 11.465  | ug/l   | 96       |
| 67) m/p-Xylenes               | 10.299 | 106  | 115392   | 22.104  | ug/l   | 95       |
| 68) o-Xylene                  | 10.640 | 106  | 56915    | 10.934  | ug/l   | 94       |
| 69) Styrene                   | 10.659 | 104  | 89320    | 10.486  | ug/l   | 95       |
| 70) Isopropylbenzene          | 10.963 | 105  | 147549   | 11.082  | ug/l   | 97       |
| 71) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 48574    | 11.726  | ug/l   | 97       |
| 72) 1,2,3-Trichloropropane    | 11.238 | 75   | 43430m   | 11.542  | ug/l   |          |
| 73) Bromobenzene              | 11.195 | 156  | 34633    | 9.809   | ug/l   | 84       |
| 74) n-propylbenzene           | 11.305 | 91   | 167542   | 11.039  | ug/l   | 95       |
| 75) 2-Chlorotoluene           | 11.366 | 91   | 105811   | 11.598  | ug/l   | 93       |
| 76) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 120889   | 10.962  | ug/l   | 96       |
| 77) t-1,4-Dichloro-2-butene   | 11.018 | 75   | 9800     | 8.649   | ug/l   | 83       |
| 78) 4-Chlorotoluene           | 11.457 | 91   | 117627   | 11.441  | ug/l   | 93       |
| 79) tert-butylbenzene         | 11.713 | 119  | 113936   | 10.230  | ug/l   | 92       |
| 80) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 119877   | 10.944  | ug/l   | 97       |
| 81) sec-Butylbenzene          | 11.890 | 105  | 139880   | 10.339  | ug/l   | 96       |
| 82) p-Isopropyltoluene        | 12.012 | 119  | 115366   | 9.927   | ug/l   | 96       |
| 83) 1,3-Dichlorobenzene       | 11.969 | 146  | 64763    | 10.063  | ug/l   | 97       |
| 84) 1,4-Dichlorobenzene       | 12.043 | 146  | 63921    | 9.911   | ug/l   | 98       |
| 85) n-Butylbenzene            | 12.329 | 91   | 93823    | 9.812   | ug/l   | 97       |
| 86) Hexachloroethane          | 12.536 | 117  | 16220    | 8.844   | ug/l   | 78       |
| 87) 1,2-Dichlorobenzene       | 12.335 | 146  | 65161    | 10.475  | ug/l   | 97       |
| 88) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 9052     | 10.787  | ug/l # | 76       |
| 89) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 36072    | 8.579   | ug/l   | 97       |
| 90) Hexachlorobutadiene       | 13.725 | 225  | 14083    | 7.352   | ug/l   | 96       |
| 91) Naphthalene               | 13.774 | 128  | 134099   | 10.425  | ug/l   | 100      |
| 92) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 38494    | 9.283   | ug/l   | 97       |

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

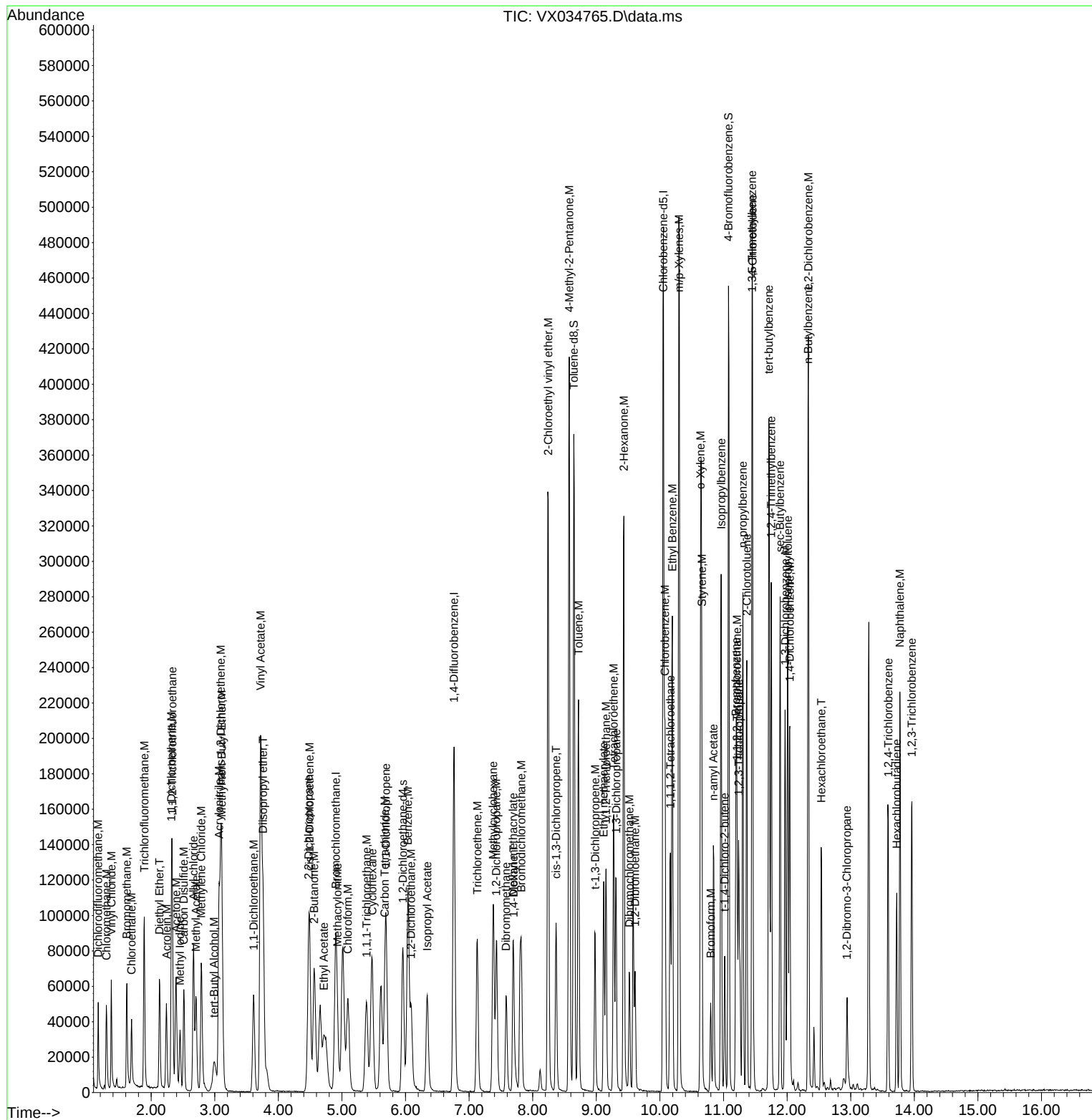
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX032823\  
 Data File : VX034765.D  
 Acq On : 27 Mar 2023 22:34  
 Operator : JC/MD  
 Sample : VSTDIC010  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 35 Sample Multiplier: 1

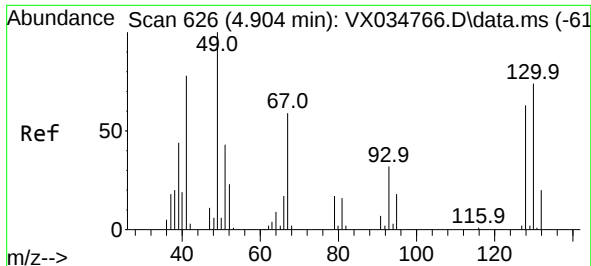
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC010

### Manual Integrations APPROVED

Reviewed By :John Carlone 03/28/2023  
 Supervised By :Semsettin Yesilyurt 03/28/2023

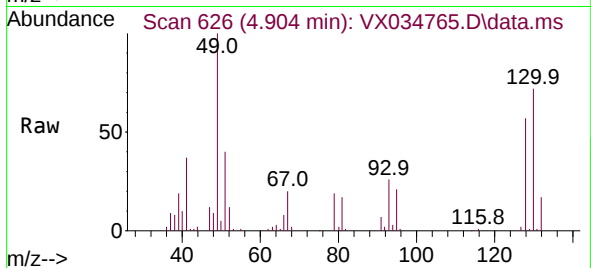
Quant Time: Mar 28 05:46:39 2023  
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Tue Mar 28 05:37:20 2023  
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#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 4.904 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34

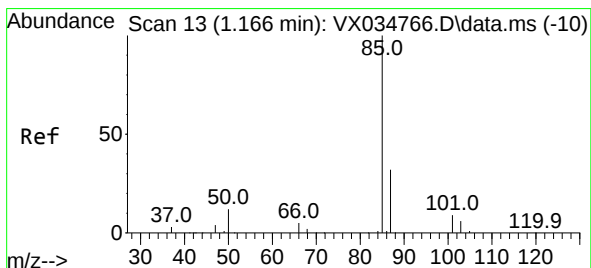
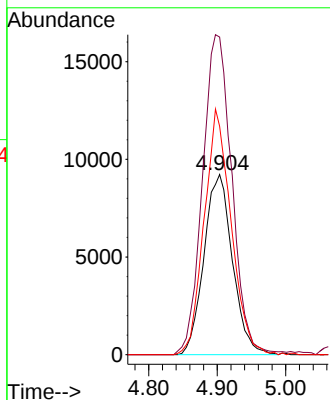
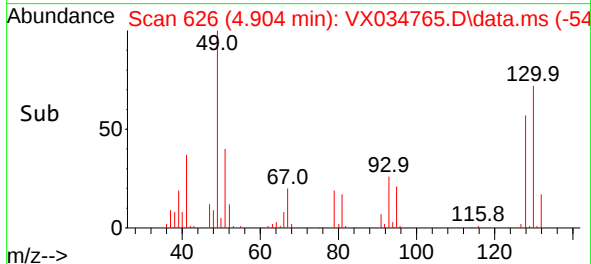
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC010



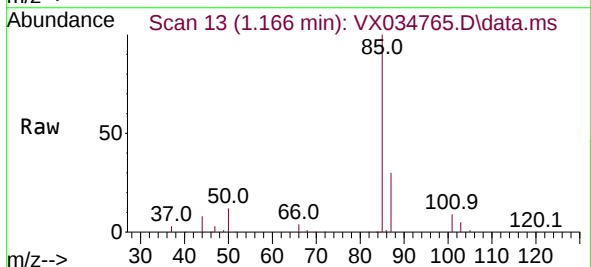
Tgt Ion:128 Resp: 26638  
Ion Ratio Lower Upper  
128 100  
49 182.4 0.0 369.0  
130 129.0 0.0 327.5

Manual Integrations  
APPROVED

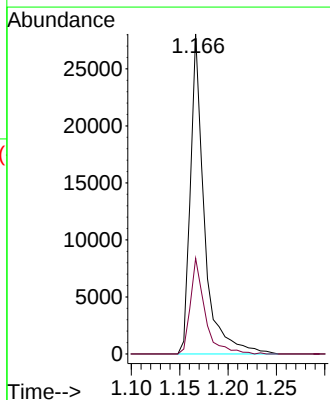
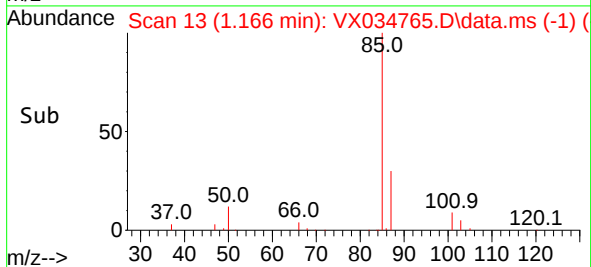
Reviewed By :John Carlone 03/28/2023  
Supervised By :Semsettin Yesilyurt 03/28/2023

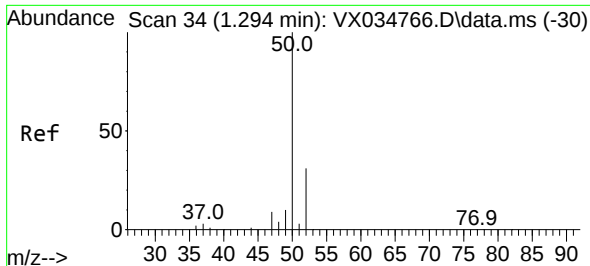


#2  
Dichlorodifluoromethane  
Concen: 11.706 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34



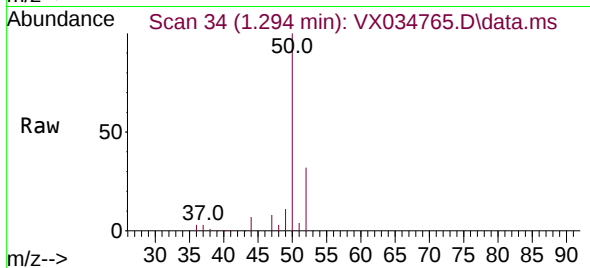
Tgt Ion: 85 Resp: 28071  
Ion Ratio Lower Upper  
85 100  
87 29.9 16.4 49.1





#3  
Chloromethane  
Concen: 13.078 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34

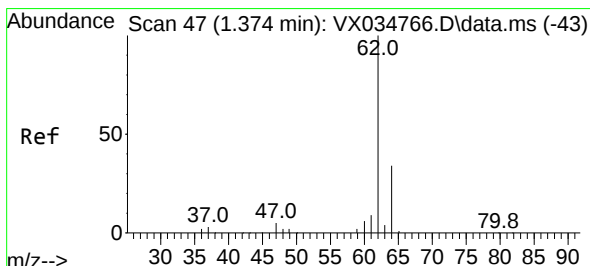
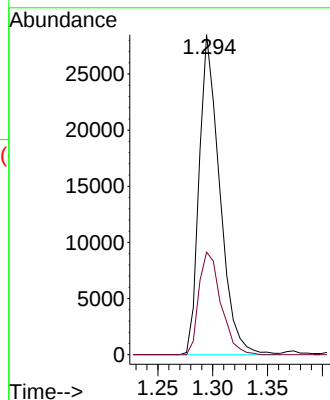
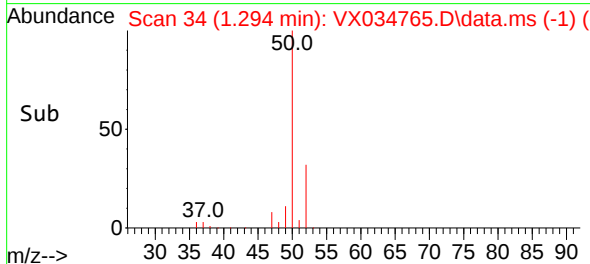
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010



Tgt Ion: 50 Resp: 37179  
Ion Ratio Lower Upper  
50 100  
52 32.0 25.1 37.7

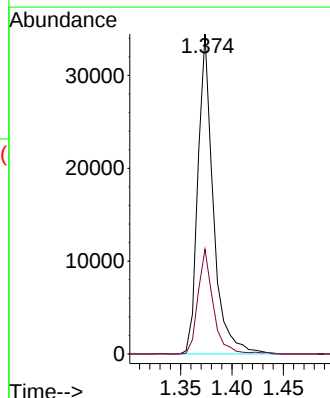
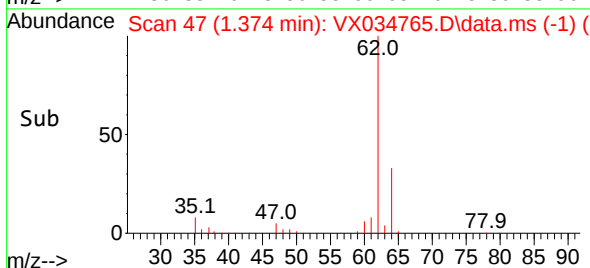
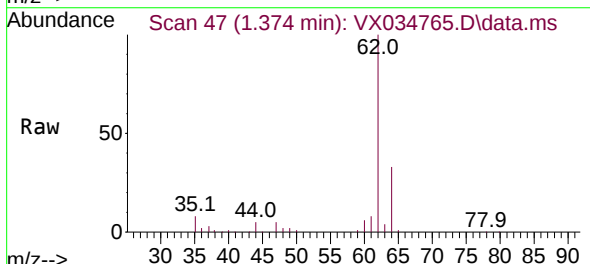
Manual Integrations  
APPROVED

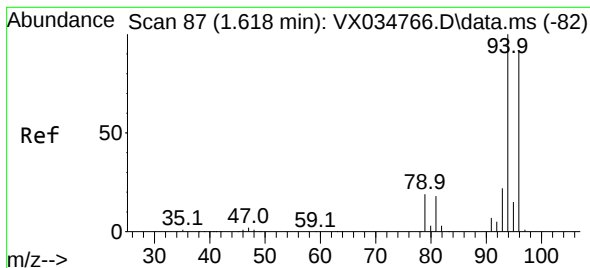
Reviewed By :John Carlone 03/28/2023  
Supervised By :Semsettin Yesilyurt 03/28/2023



#4  
Vinyl Chloride  
Concen: 13.003 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.000 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34

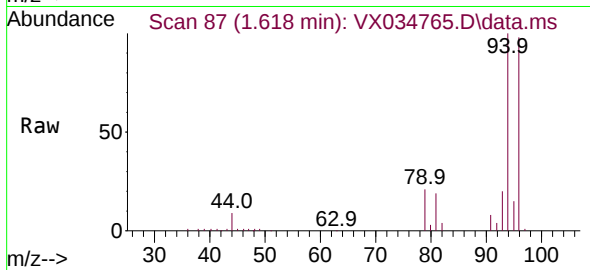
Tgt Ion: 62 Resp: 35851  
Ion Ratio Lower Upper  
62 100  
64 32.7 25.4 38.2





#5  
Bromomethane  
Concen: 13.416 ug/l  
RT: 1.618 min Scan# 87  
Delta R.T. 0.000 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34

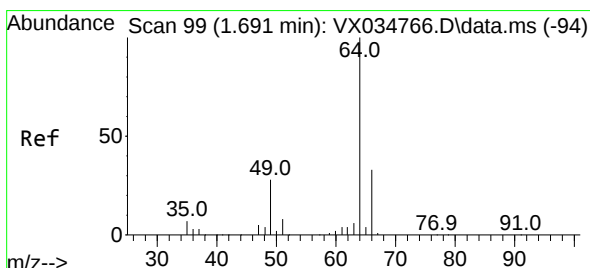
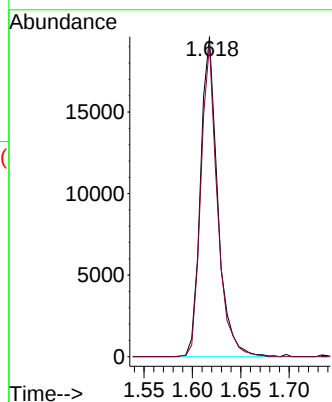
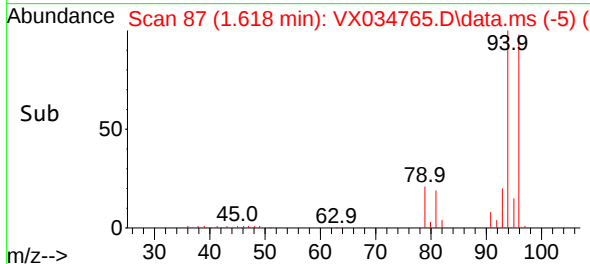
Instrument :  
MSVOA\_X  
Client Sample Id :  
VSTDIC010



Tgt Ion: 94 Resp: 24319  
Ion Ratio Lower Upper  
94 100  
96 97.6 74.8 112.2

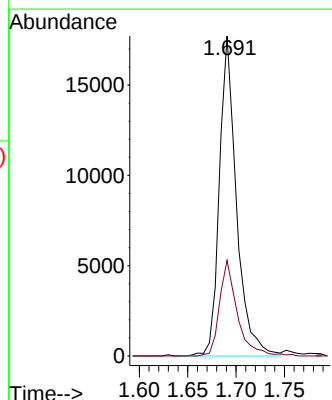
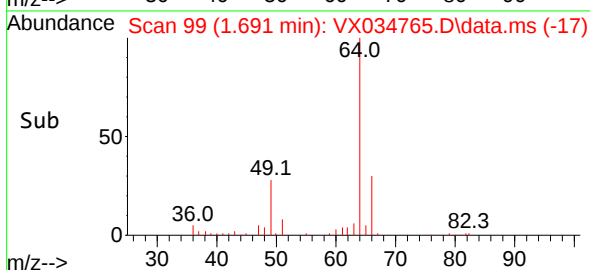
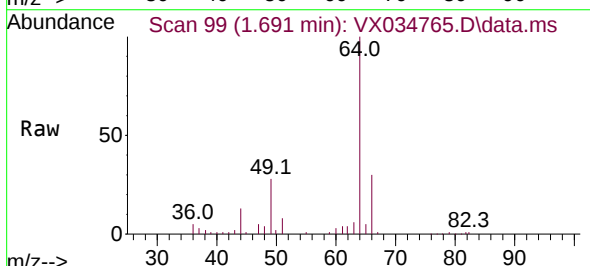
Manual Integrations  
APPROVED

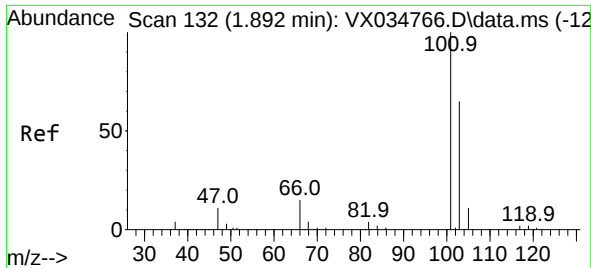
Reviewed By :John Carlone 03/28/2023  
Supervised By :Semsettin Yesilyurt 03/28/2023



#6  
Chloroethane  
Concen: 14.212 ug/l  
RT: 1.691 min Scan# 99  
Delta R.T. 0.000 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34

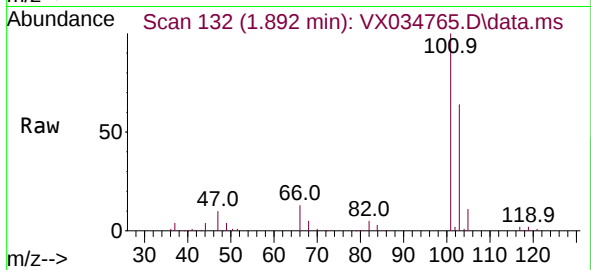
Tgt Ion: 64 Resp: 21763  
Ion Ratio Lower Upper  
64 100  
66 29.8 25.4 38.0





#7  
Trichlorofluoromethane  
Concen: 13.816 ug/l  
RT: 1.892 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34

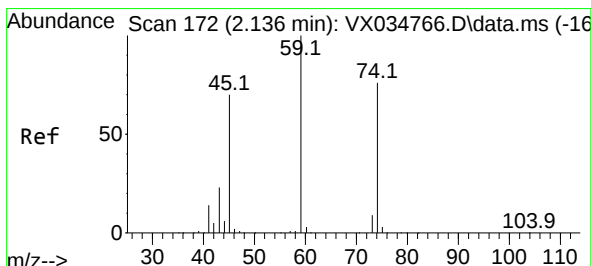
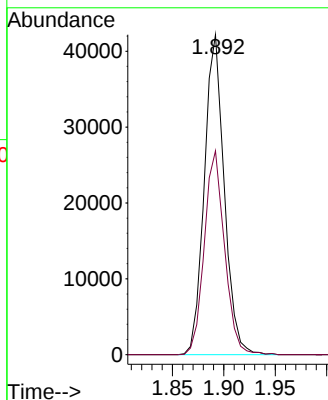
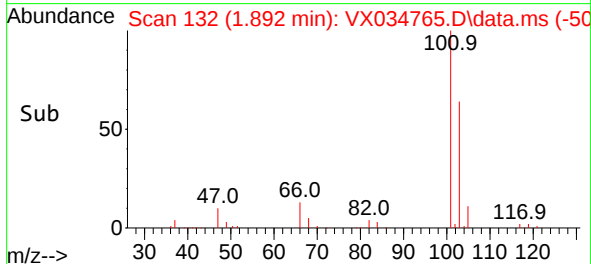
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010



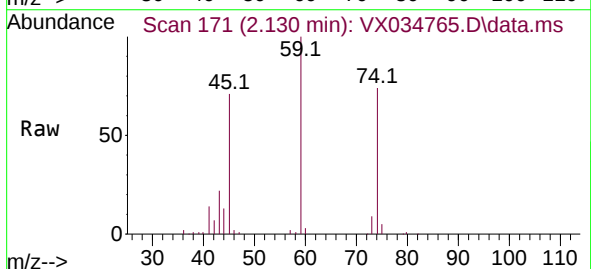
Tgt Ion:101 Resp: 5688  
Ion Ratio Lower Upper  
101 100  
103 63.7 51.4 77.0

Manual Integrations  
APPROVED

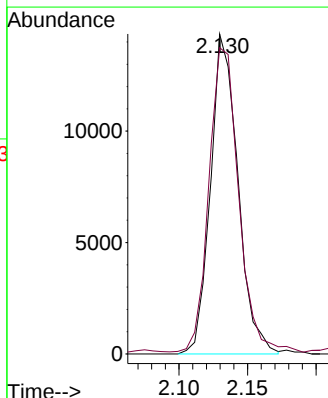
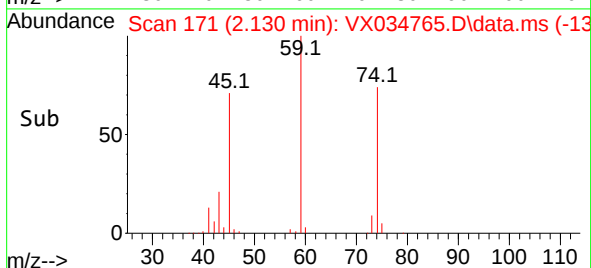
Reviewed By :John Carlone 03/28/2023  
Supervised By :Semsettin Yesilyurt 03/28/2023

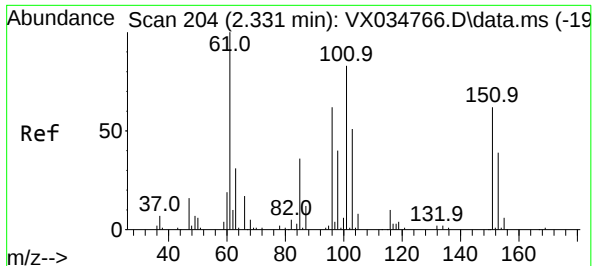


#8  
Diethyl Ether  
Concen: 12.786 ug/l  
RT: 2.130 min Scan# 171  
Delta R.T. -0.006 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34



Tgt Ion: 74 Resp: 19943  
Ion Ratio Lower Upper  
74 100  
45 104.6 20.2 182.0





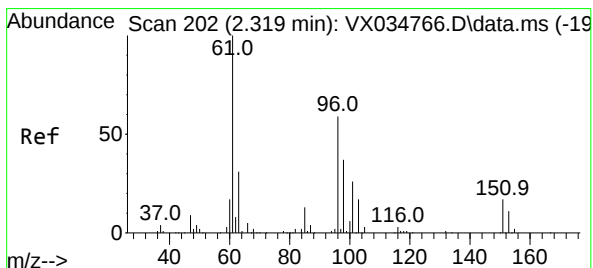
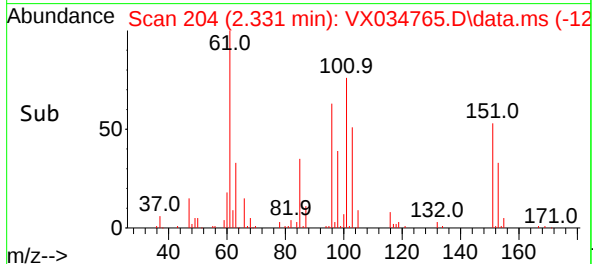
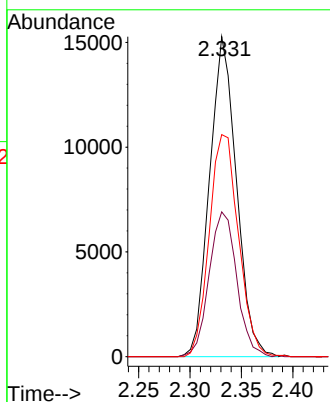
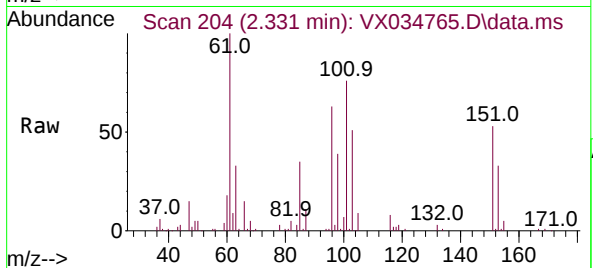
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 11.628 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. 0.000 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010

Tgt Ion:101 Resp: 2777  
Ion Ratio Lower Upper  
101 100  
85 46.5 0.0 83.0  
151 75.4 0.0 174.6

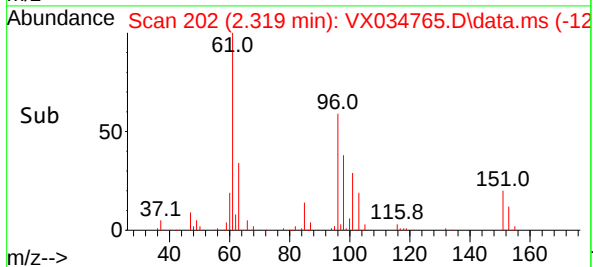
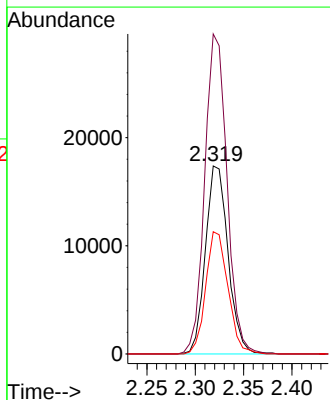
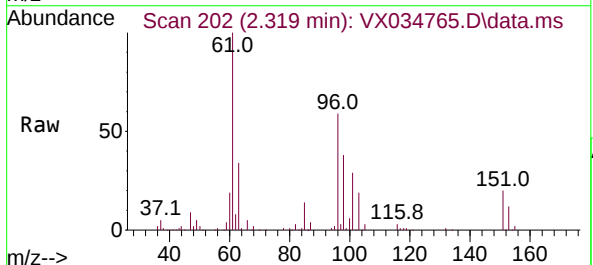
Manual Integrations  
APPROVED

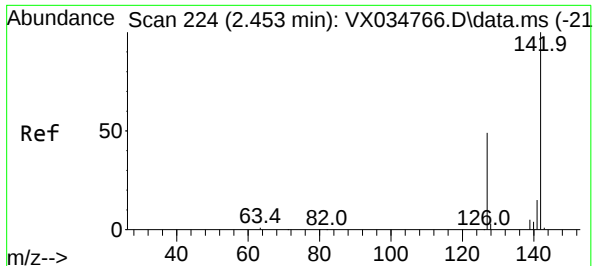
Reviewed By :John Carlone 03/28/2023  
Supervised By :Semsettin Yesilyurt 03/28/2023



#10  
1,1-Dichloroethene  
Concen: 11.926 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. 0.000 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34

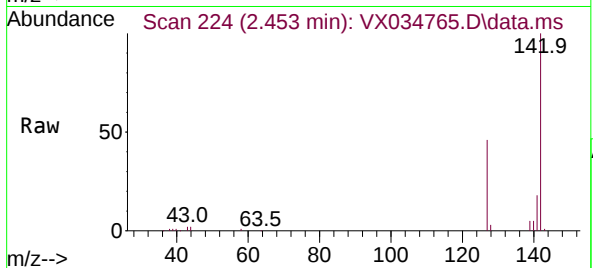
Tgt Ion: 96 Resp: 28301  
Ion Ratio Lower Upper  
96 100  
61 170.1 127.5 191.3  
98 65.0 51.1 76.7





#11  
Methyl Iodide  
Concen: 9.419 ug/l  
RT: 2.453 min Scan# 211  
Delta R.T. 0.000 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34

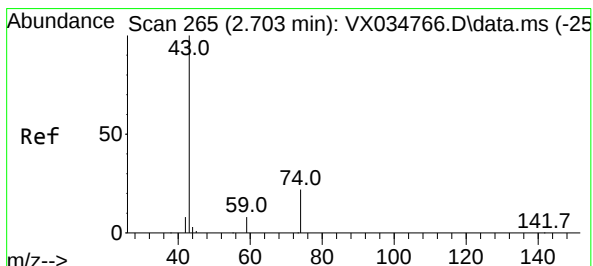
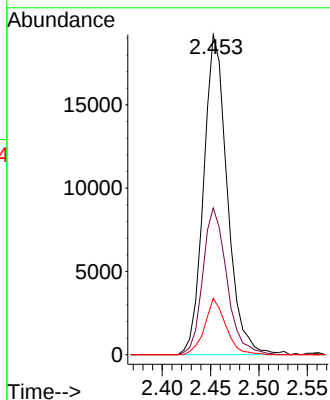
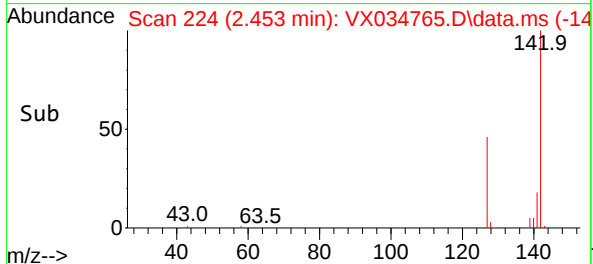
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010



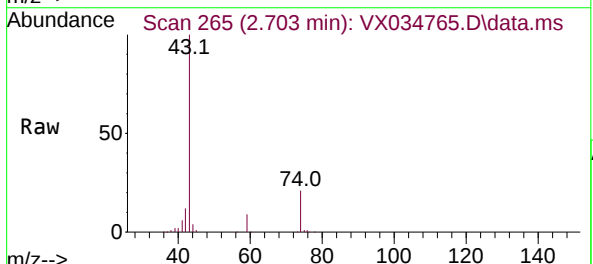
Tgt Ion:142 Resp: 32739  
Ion Ratio Lower Upper  
142 100  
127 46.0 20.7 62.1  
141 17.7 7.0 21.0

Manual Integrations  
APPROVED

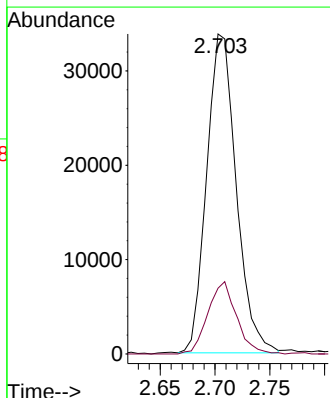
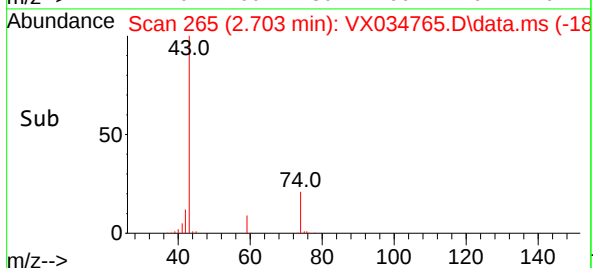
Reviewed By :John Carlone 03/28/2023  
Supervised By :Semsettin Yesilyurt 03/28/2023

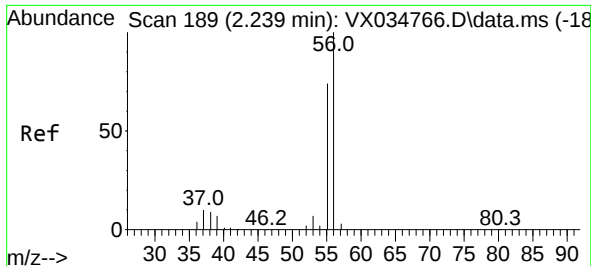


#12  
Methyl Acetate  
Concen: 14.378 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. 0.000 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34



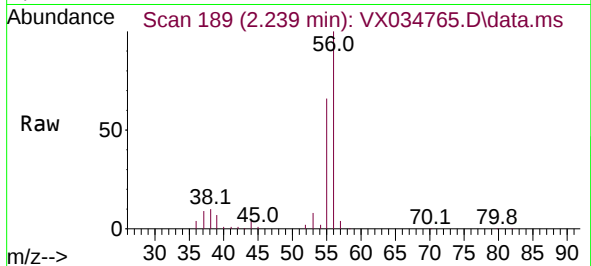
Tgt Ion: 43 Resp: 63481  
Ion Ratio Lower Upper  
43 100  
74 20.5 17.6 26.4





#13  
Acrolein  
Concen: 68.945 ug/l  
RT: 2.239 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34

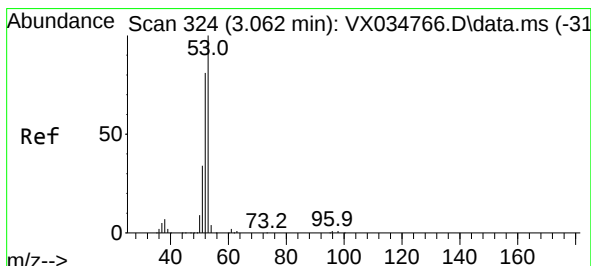
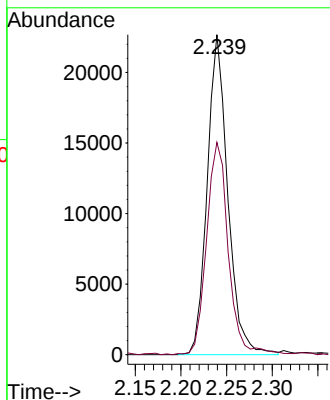
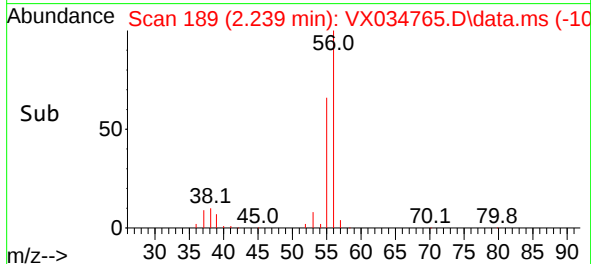
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010



Tgt Ion: 56 Resp: 35448  
Ion Ratio Lower Upper  
56 100  
55 67.5 58.8 88.2

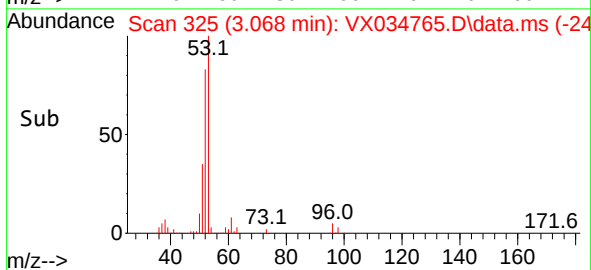
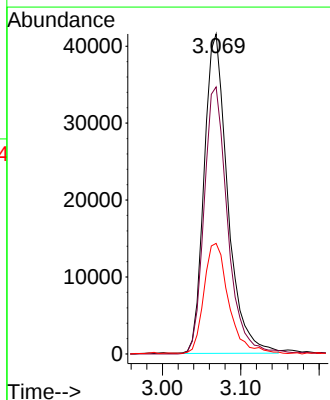
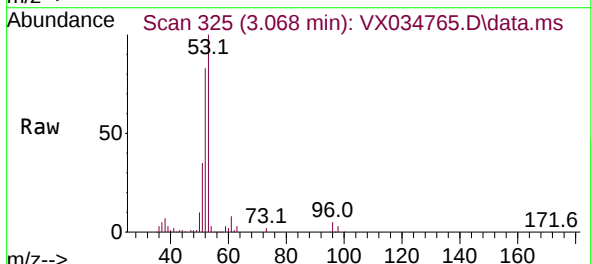
Manual Integrations  
APPROVED

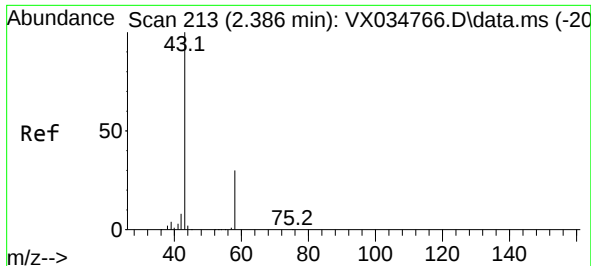
Reviewed By :John Carlone 03/28/2023  
Supervised By :Semsettin Yesilyurt 03/28/2023



#14  
Acrylonitrile  
Concen: 62.860 ug/l  
RT: 3.068 min Scan# 325  
Delta R.T. 0.006 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34

Tgt Ion: 53 Resp: 86779  
Ion Ratio Lower Upper  
53 100  
52 84.0 41.0 123.2  
51 35.1 17.6 52.8





#15

Acetone

Concen: 59.887 ug/l

RT: 2.392 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX034765.D

Acq: 27 Mar 2023 22:34

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC010

Tgt Ion: 58 Resp: 24329

Ion Ratio Lower Upper

58 100

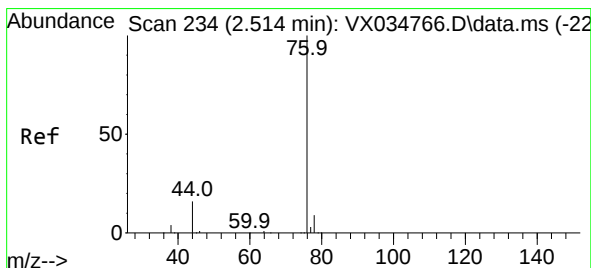
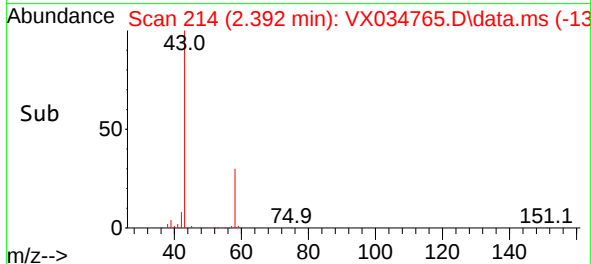
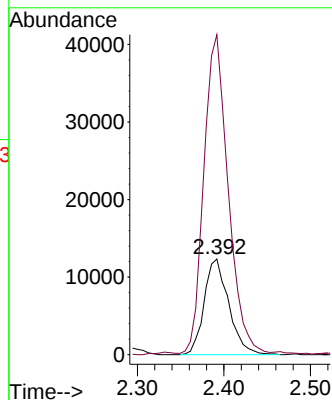
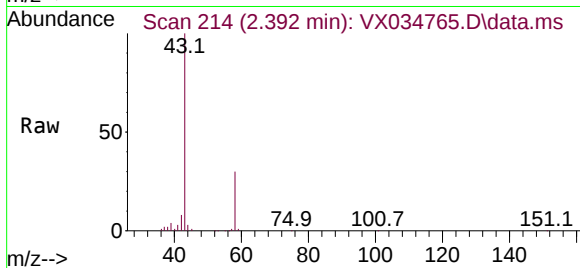
43 333.3 258.6 388.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#16

Carbon Disulfide

Concen: 11.534 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX034765.D

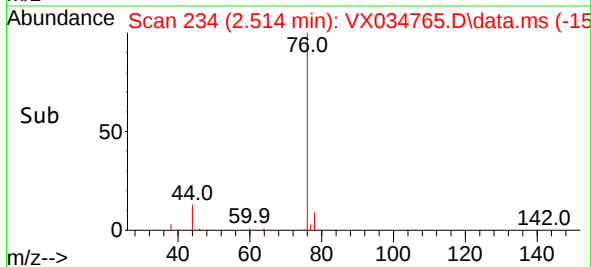
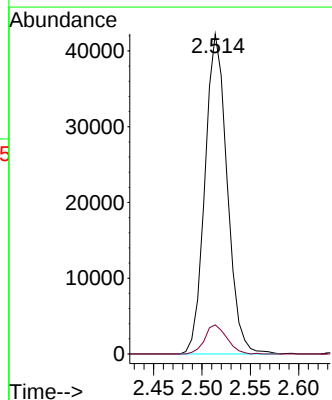
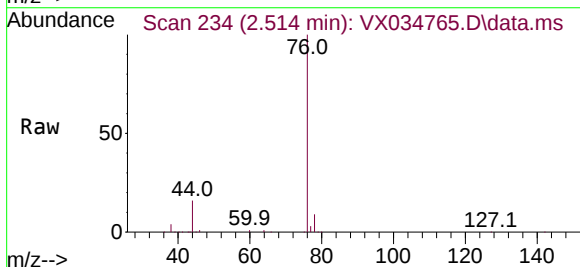
Acq: 27 Mar 2023 22:34

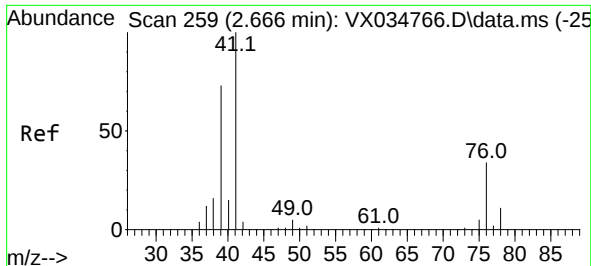
Tgt Ion: 76 Resp: 67669

Ion Ratio Lower Upper

76 100

78 9.1 6.9 10.3





#17

Allyl chloride

Concen: 12.310 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX034765.D

Acq: 27 Mar 2023 22:34

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC010

Tgt Ion: 41 Resp: 53474

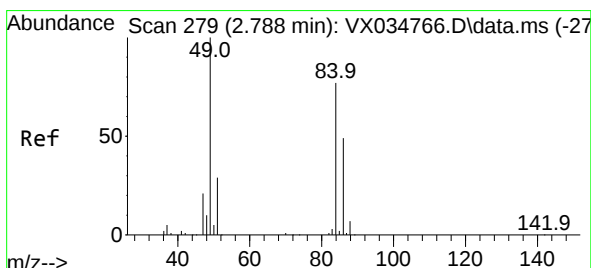
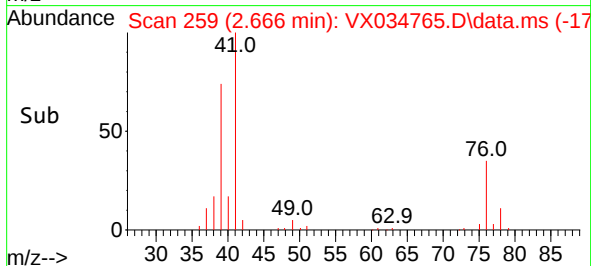
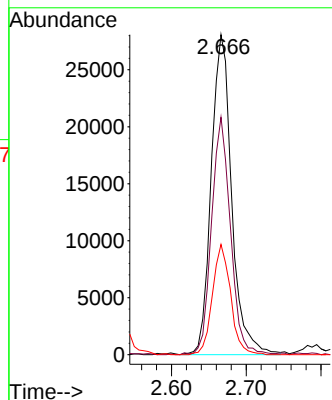
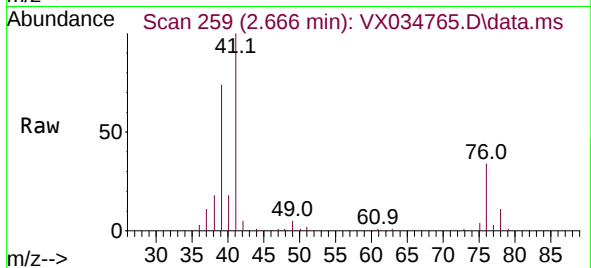
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 74.2  | 32.5  | 97.4  |
| 76  | 34.5  | 16.6  | 49.8  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#18

Methylene Chloride

Concen: 12.537 ug/l

RT: 2.788 min Scan# 279

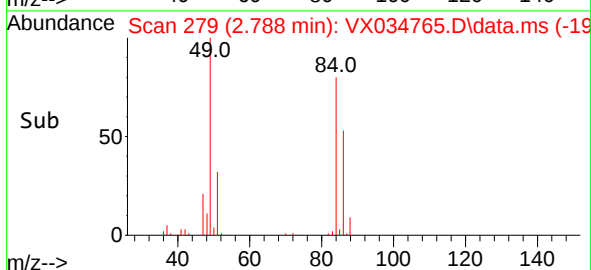
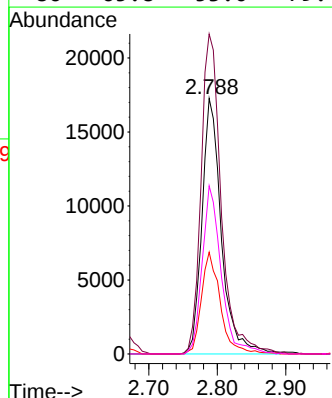
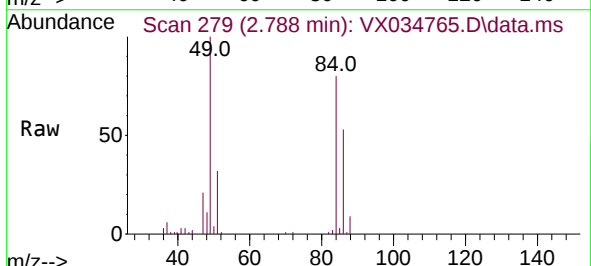
Delta R.T. 0.000 min

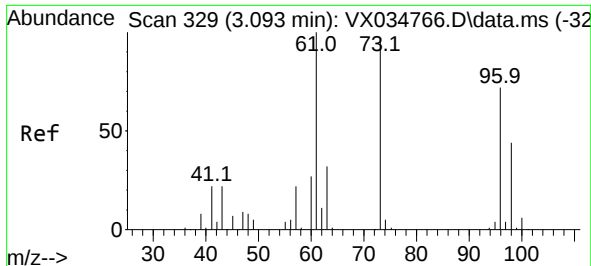
Lab File: VX034765.D

Acq: 27 Mar 2023 22:34

Tgt Ion: 84 Resp: 34139

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 125.3 | 95.0  | 142.6 |
| 51  | 39.8  | 30.3  | 45.5  |
| 86  | 65.8  | 53.0  | 79.4  |





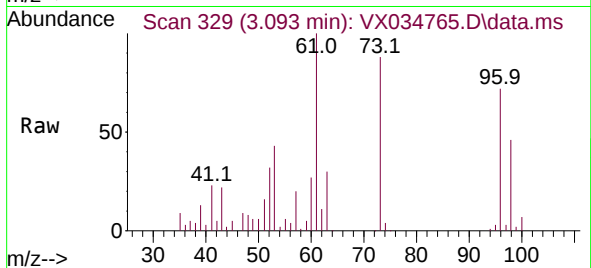
#19  
trans-1,2-Dichloroethene  
Concen: 12.063 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC010

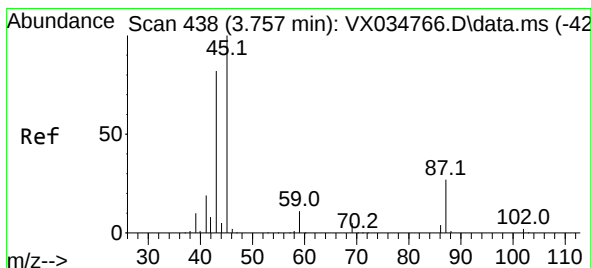
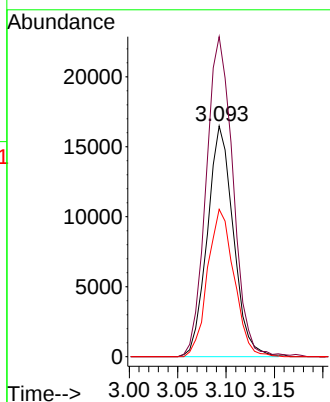
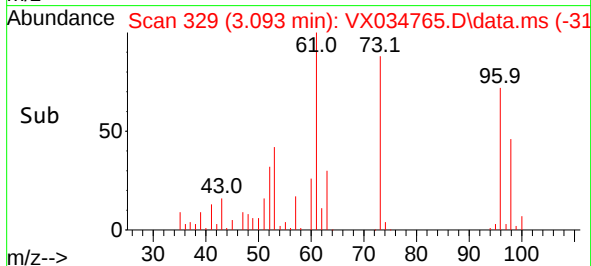


Tgt Ion: 96 Resp: 3085  
Ion Ratio Lower Upper  
96 100  
61 138.7 107.7 161.5  
98 63.9 49.8 74.6

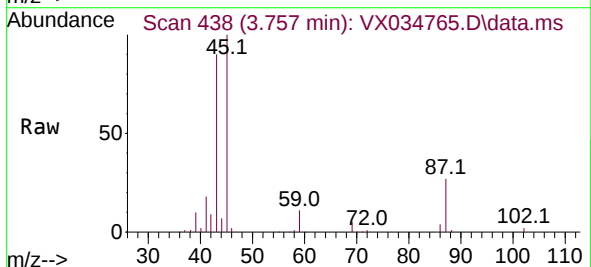
Manual Integrations

APPROVED

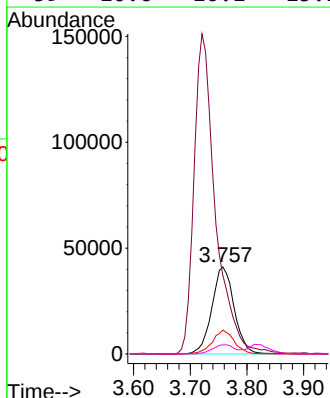
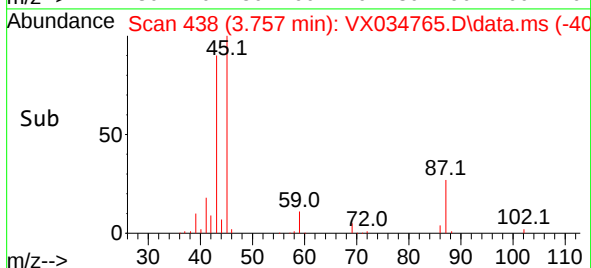
Reviewed By :John Carlone 03/28/2023  
Supervised By :Semsettin Yesilyurt 03/28/2023

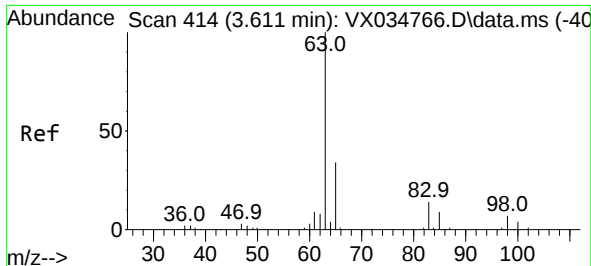


#20  
Diisopropyl ether  
Concen: 12.915 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. 0.000 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34



Tgt Ion: 45 Resp: 112186  
Ion Ratio Lower Upper  
45 100  
43 89.3 66.6 99.8  
87 27.5 22.3 33.5  
59 10.6 10.1 15.1





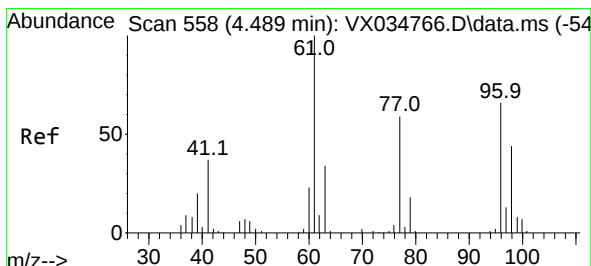
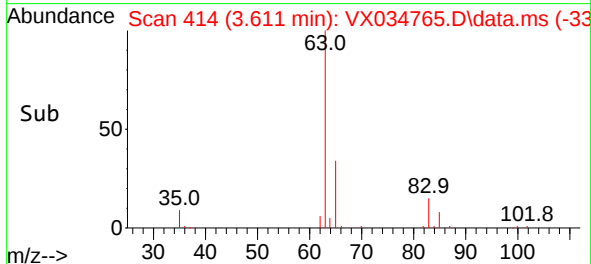
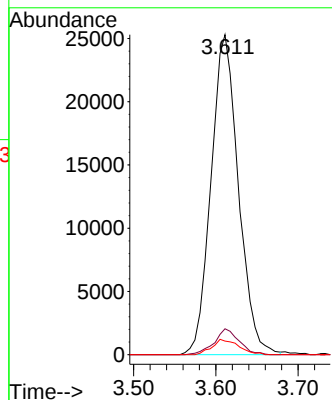
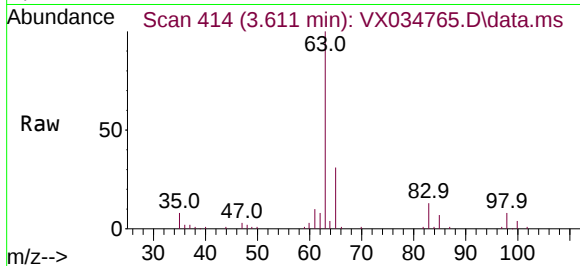
#21  
1,1-Dichloroethane  
Concen: 12.450 ug/l  
RT: 3.611 min Scan# 414  
Delta R.T. 0.000 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010

Tgt Ion: 63 Resp: 58689  
Ion Ratio Lower Upper  
63 100  
98 8.1 4.0 12.2  
100 4.3 2.3 6.9

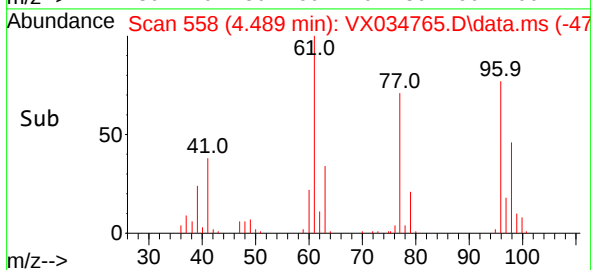
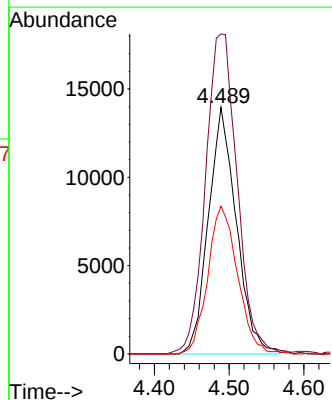
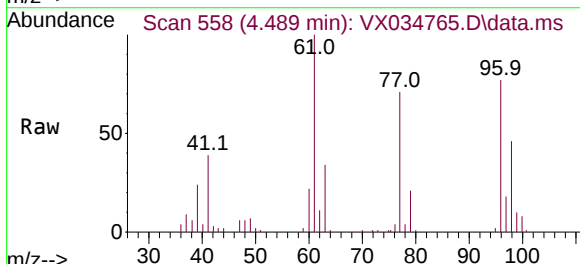
Manual Integrations  
APPROVED

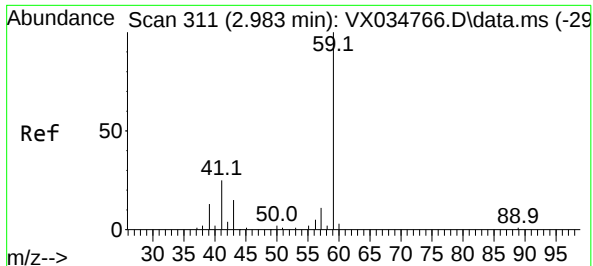
Reviewed By :John Carlone 03/28/2023  
Supervised By :Semsettin Yesilyurt 03/28/2023



#22  
cis-1,2-Dichloroethene  
Concen: 12.053 ug/l  
RT: 4.489 min Scan# 558  
Delta R.T. 0.000 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34

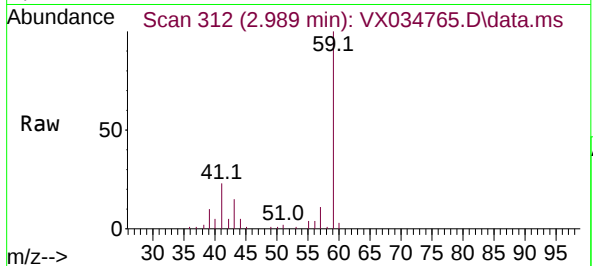
Tgt Ion: 96 Resp: 36354  
Ion Ratio Lower Upper  
96 100  
61 147.1 109.0 163.6  
98 63.5 51.7 77.5





#23  
tert-Butyl Alcohol  
Concen: 75.161 ug/l m  
RT: 2.989 min Scan# 311  
Delta R.T. 0.006 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34

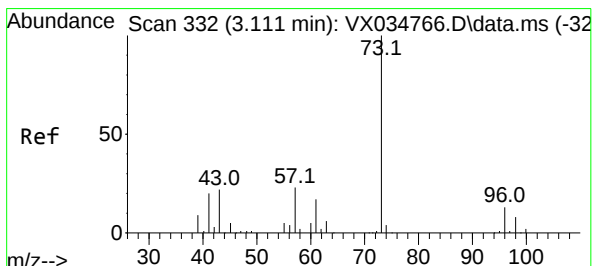
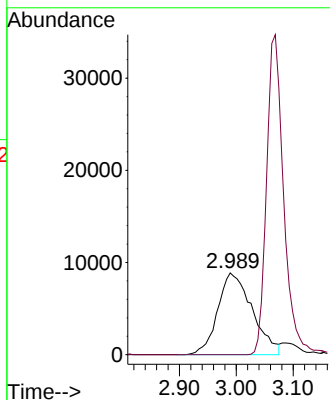
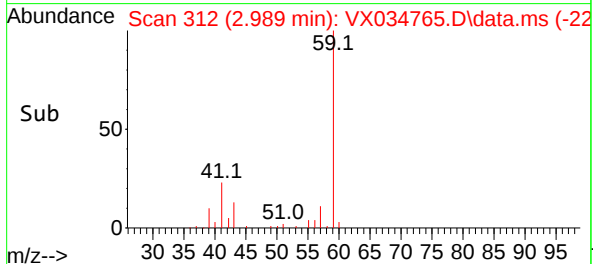
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC010



Tgt Ion: 59 Resp: 37492  
Ion Ratio Lower Upper  
59 100  
52 0.5 186.7 280.1

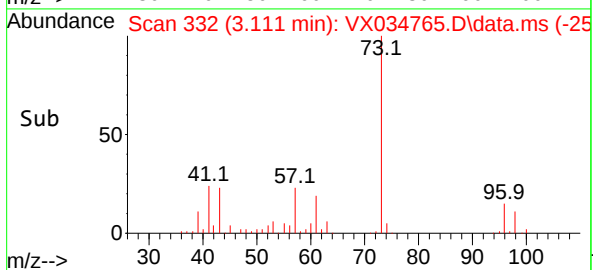
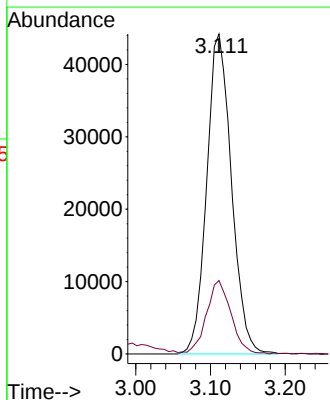
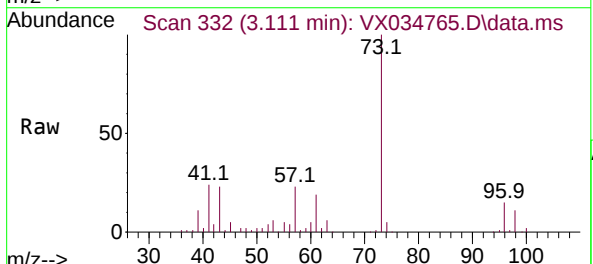
Manual Integrations  
APPROVED

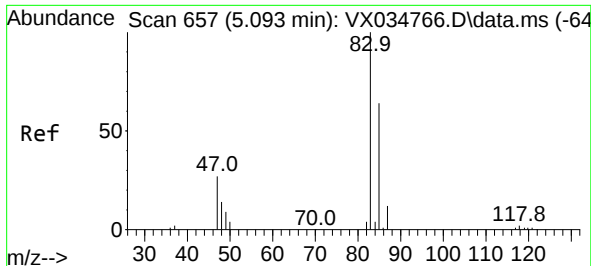
Reviewed By :John Carlone 03/28/2023  
Supervised By :Semsettin Yesilyurt 03/28/2023



#24  
Methyl tert-Butyl Ether  
Concen: 12.521 ug/l  
RT: 3.111 min Scan# 332  
Delta R.T. 0.000 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34

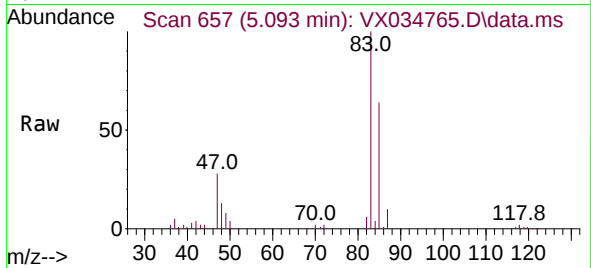
Tgt Ion: 73 Resp: 101910  
Ion Ratio Lower Upper  
73 100  
43 21.9 16.9 25.3





#25  
Chloroform  
Concen: 12.344 ug/l  
RT: 5.093 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34

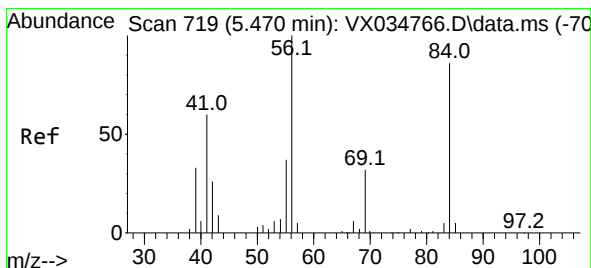
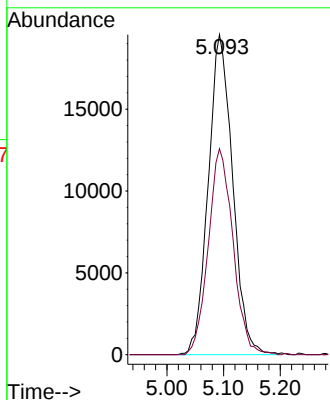
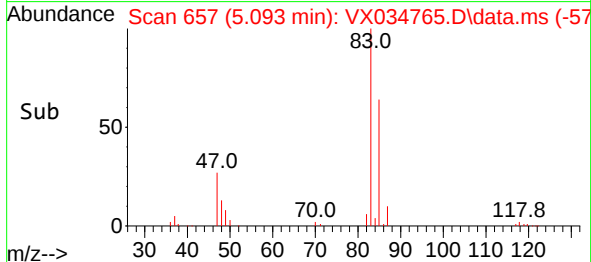
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC010



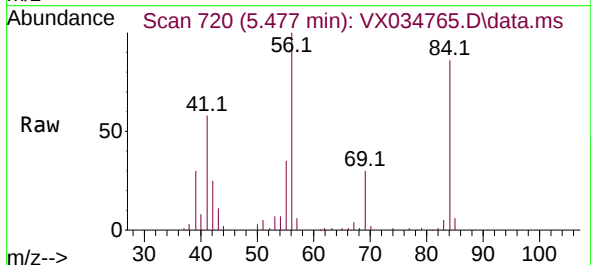
Tgt Ion: 83 Resp: 58369  
Ion Ratio Lower Upper  
83 100  
85 64.3 49.7 74.5

Manual Integrations  
APPROVED

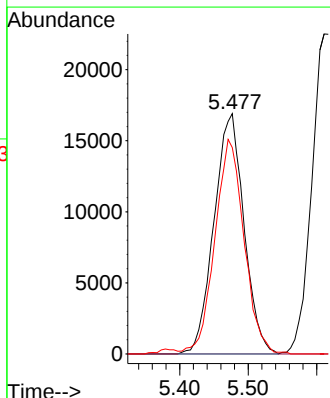
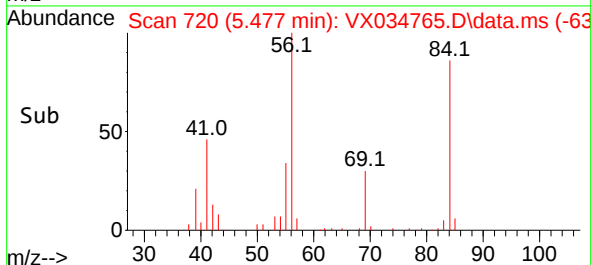
Reviewed By :John Carlone 03/28/2023  
Supervised By :Semsettin Yesilyurt 03/28/2023

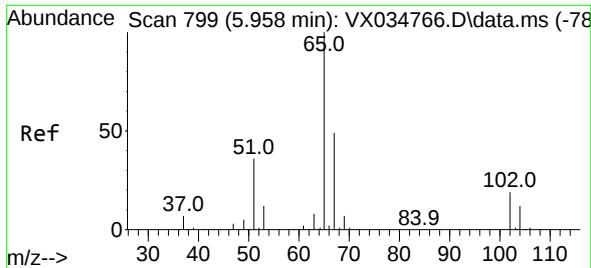


#26  
Cyclohexane  
Concen: 12.243 ug/l  
RT: 5.477 min Scan# 720  
Delta R.T. 0.006 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34



Tgt Ion: 56 Resp: 51350  
Ion Ratio Lower Upper  
56 100  
89 0.0 0.0 0.0  
84 86.9 72.0 108.0





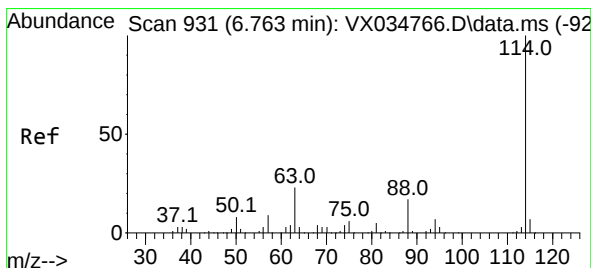
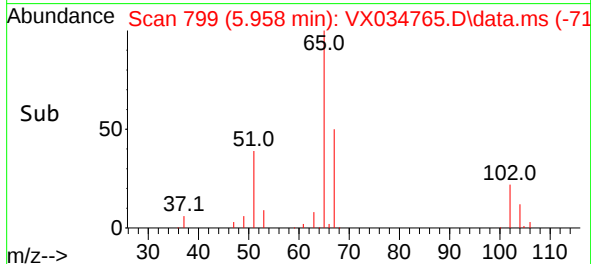
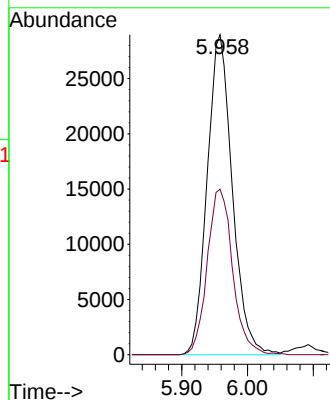
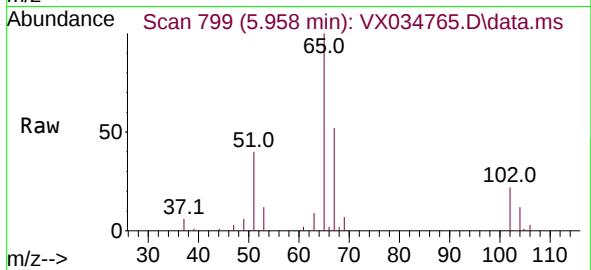
#27  
 1,2-Dichloroethane-d4  
 Concen: 35.922 ug/l  
 RT: 5.958 min Scan# 799  
 Delta R.T. 0.000 min  
 Lab File: VX034765.D  
 Acq: 27 Mar 2023 22:34

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC010

Tgt Ion: 65 Resp: 77048  
 Ion Ratio Lower Upper  
 65 100  
 67 52.2 43.0 64.4

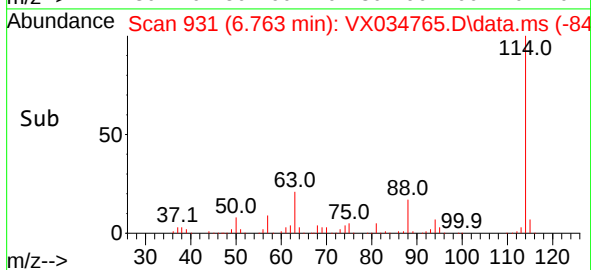
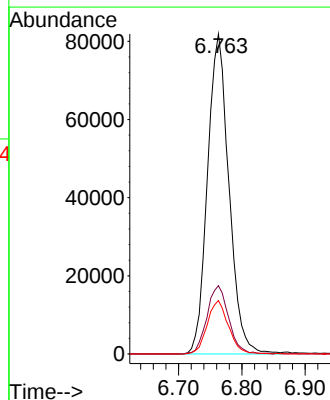
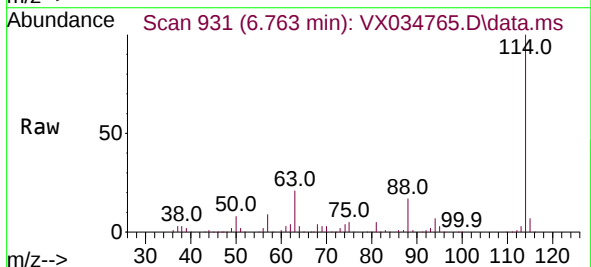
Manual Integrations  
 APPROVED

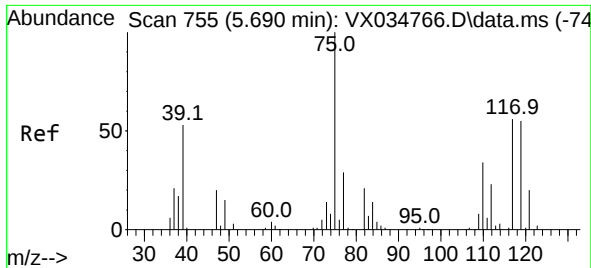
Reviewed By :John Carlone 03/28/2023  
 Supervised By :Semsettin Yesilyurt 03/28/2023



#28  
 1,4-Difluorobenzene  
 Concen: 30.000 ug/l  
 RT: 6.763 min Scan# 931  
 Delta R.T. 0.000 min  
 Lab File: VX034765.D  
 Acq: 27 Mar 2023 22:34

Tgt Ion:114 Resp: 192878  
 Ion Ratio Lower Upper  
 114 100  
 63 21.5 15.2 22.8  
 88 16.5 12.4 18.6





#29  
1,1-Dichloropropene  
Concen: 11.694 ug/l  
RT: 5.690 min Scan# 755  
Delta R.T. 0.000 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34

Instrument :

MSVOA\_X

ClientSampleId :

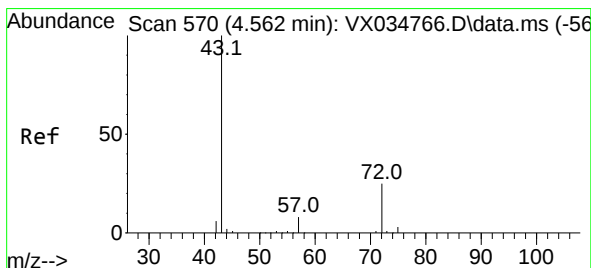
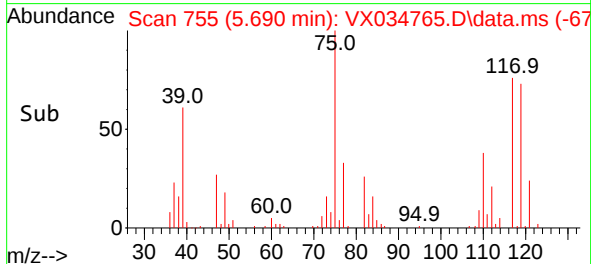
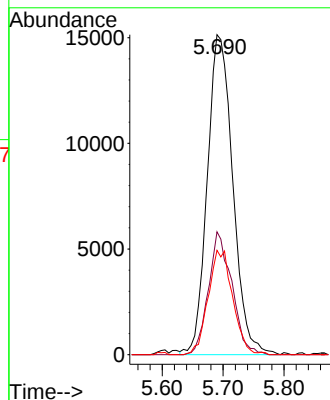
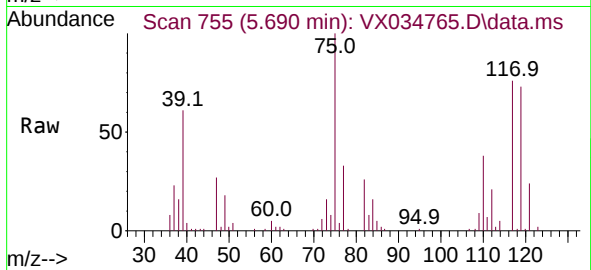
VSTDICC010

Tgt Ion: 75 Resp: 44160  
Ion Ratio Lower Upper  
75 100  
110 35.2 0.0 75.8  
77 31.3 0.0 62.4

Manual Integrations

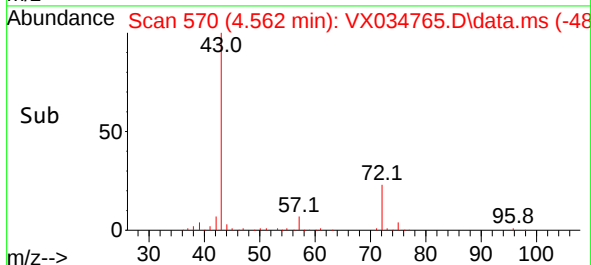
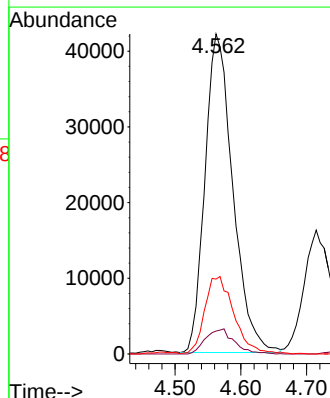
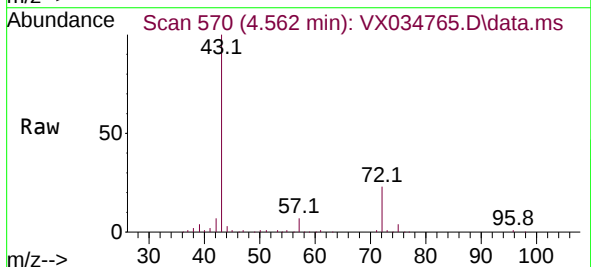
APPROVED

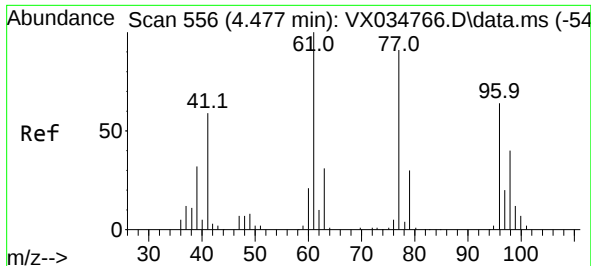
Reviewed By :John Carlone 03/28/2023  
Supervised By :Semsettin Yesilyurt 03/28/2023



#30  
2-Butanone  
Concen: 58.391 ug/l  
RT: 4.562 min Scan# 570  
Delta R.T. 0.000 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34

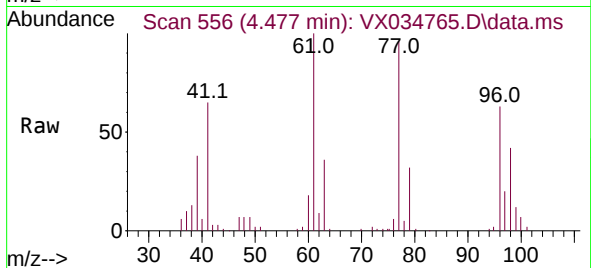
Tgt Ion: 43 Resp: 123988  
Ion Ratio Lower Upper  
43 100  
57 8.0 6.0 9.0  
72 25.4 20.6 30.8





#31  
2,2-Dichloropropane  
Concen: 11.807 ug/l  
RT: 4.477 min Scan# 556  
Delta R.T. 0.000 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34

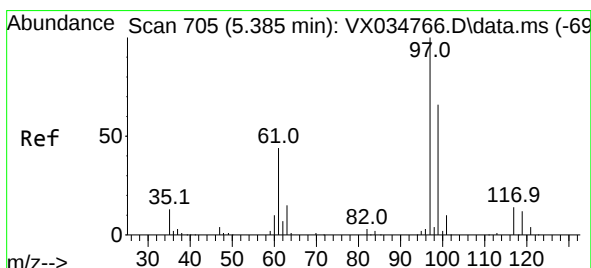
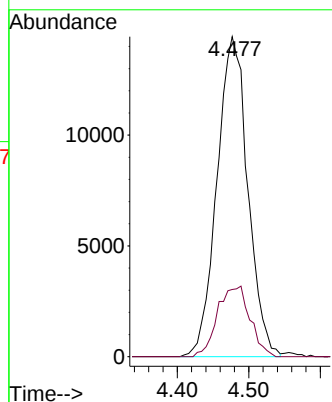
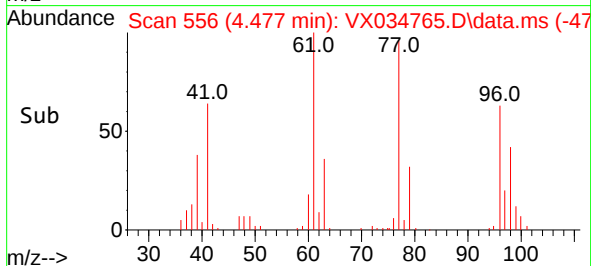
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010



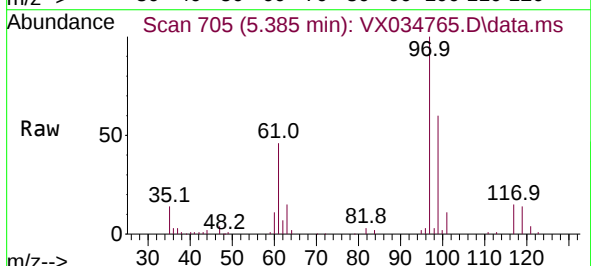
Tgt Ion: 77 Resp: 43259  
Ion Ratio Lower Upper  
77 100  
97 23.1 19.6 29.4

Manual Integrations  
APPROVED

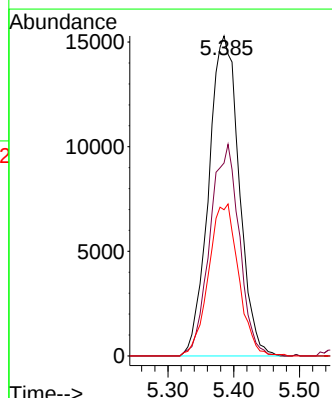
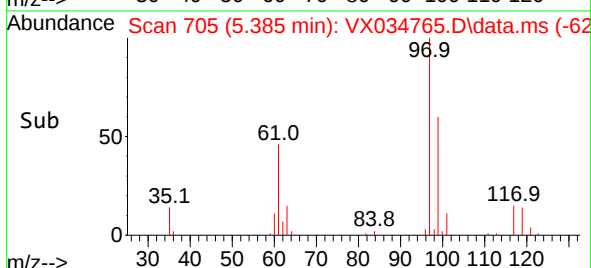
Reviewed By :John Carlone 03/28/2023  
Supervised By :Semsettin Yesilyurt 03/28/2023

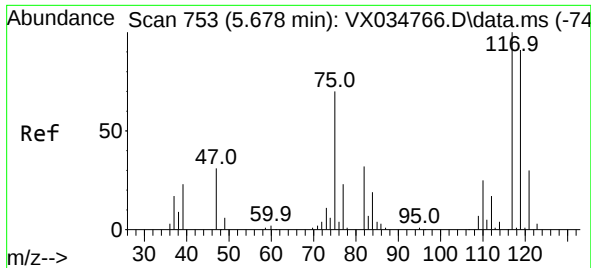


#32  
1,1,1-Trichloroethane  
Concen: 11.223 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34



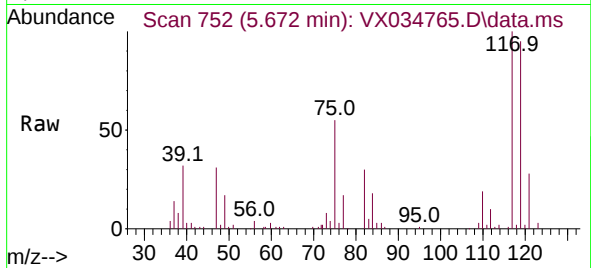
Tgt Ion: 97 Resp: 49166  
Ion Ratio Lower Upper  
97 100  
99 63.7 52.0 78.0  
61 46.8 34.7 52.1





#33  
Carbon Tetrachloride  
Concen: 10.529 ug/l  
RT: 5.672 min Scan# 753  
Delta R.T. -0.006 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34

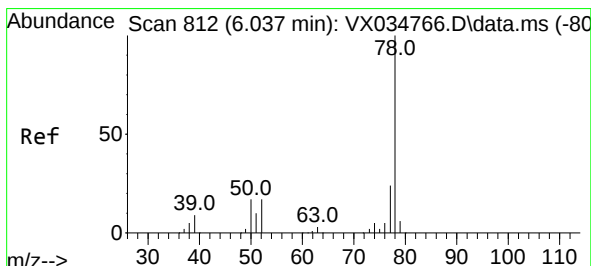
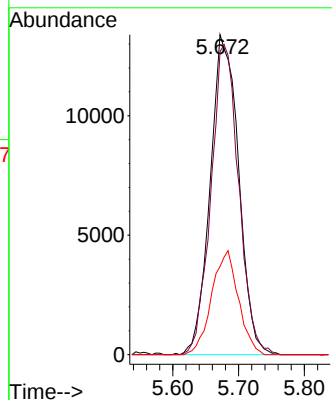
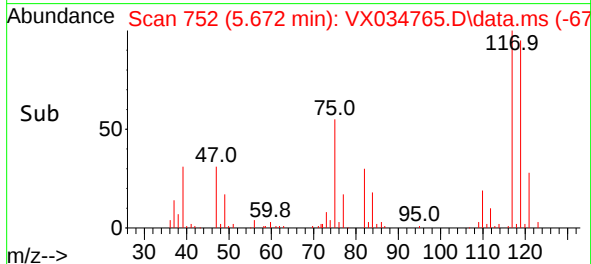
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010



Tgt Ion:117 Resp: 4026  
Ion Ratio Lower Upper  
117 100  
119 94.7 73.8 110.6  
121 27.5 26.2 39.4

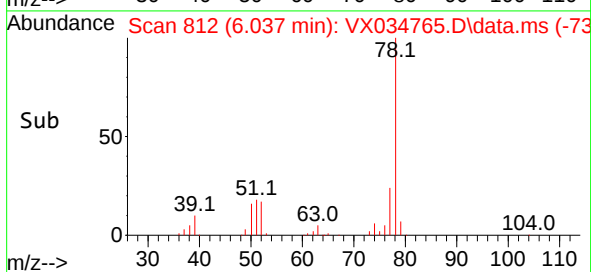
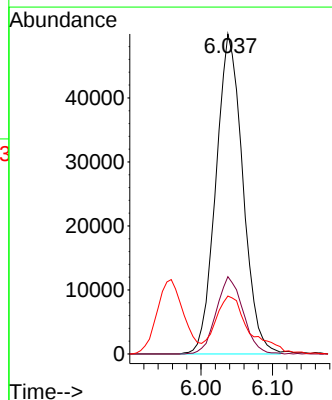
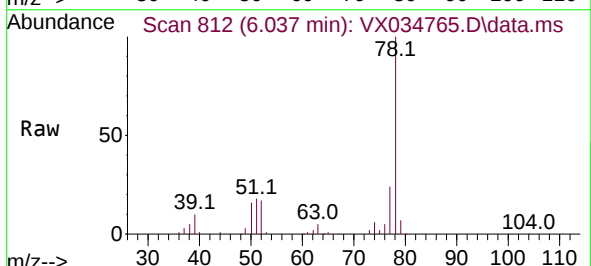
Manual Integrations  
APPROVED

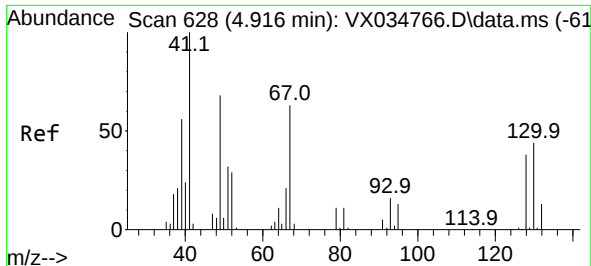
Reviewed By :John Carlone 03/28/2023  
Supervised By :Semsettin Yesilyurt 03/28/2023



#34  
Benzene  
Concen: 11.603 ug/l  
RT: 6.037 min Scan# 812  
Delta R.T. 0.000 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34

Tgt Ion: 78 Resp: 130539  
Ion Ratio Lower Upper  
78 100  
77 24.1 18.9 28.3  
51 15.8 11.9 17.9





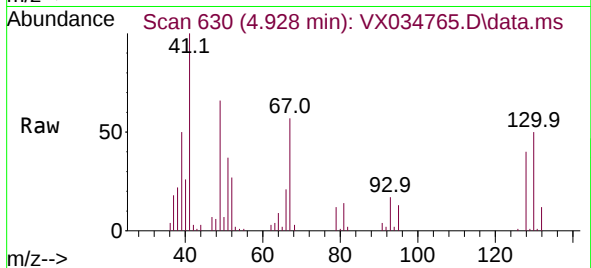
#35  
Methacrylonitrile  
Concen: 11.855 ug/l  
RT: 4.928 min Scan# 61  
Delta R.T. 0.012 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC010



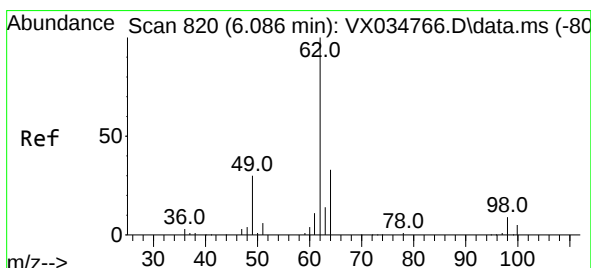
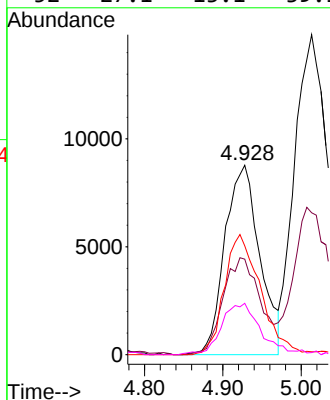
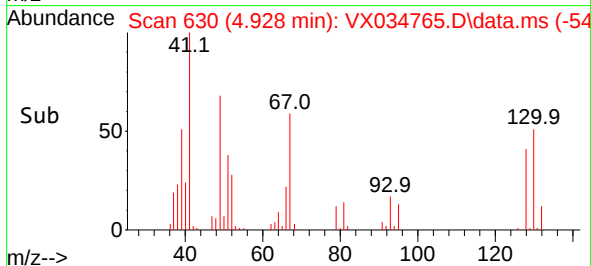
Tgt Ion: 41 Resp: 27328  
Ion Ratio Lower Upper  
41 100  
39 50.4 27.0 80.8  
67 57.4 37.3 111.8  
52 27.1 13.1 39.1

Manual Integrations

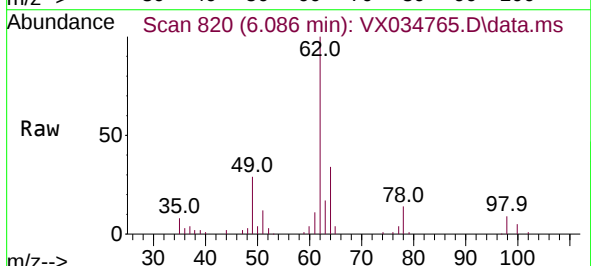
APPROVED

Reviewed By :John Carlone 03/28/2023

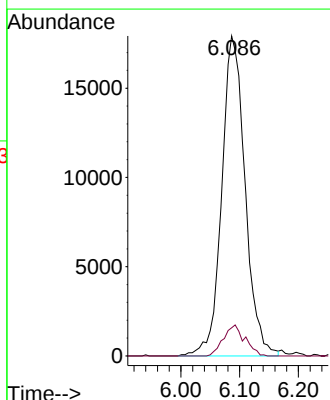
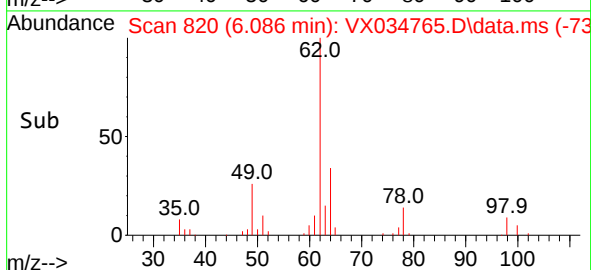
Supervised By :Semsettin Yesilyurt 03/28/2023

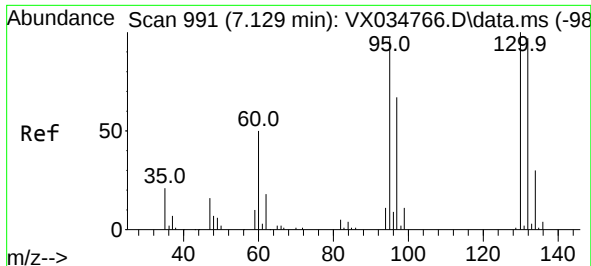


#36  
1,2-Dichloroethane  
Concen: 12.187 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.000 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34



Tgt Ion: 62 Resp: 49576  
Ion Ratio Lower Upper  
62 100  
98 8.9 8.2 12.4





#37

Trichloroethene

Concen: 10.830 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX034765.D

Acq: 27 Mar 2023 22:34

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC010

Tgt Ion:130 Resp: 3341

Ion Ratio Lower Upper

130 100

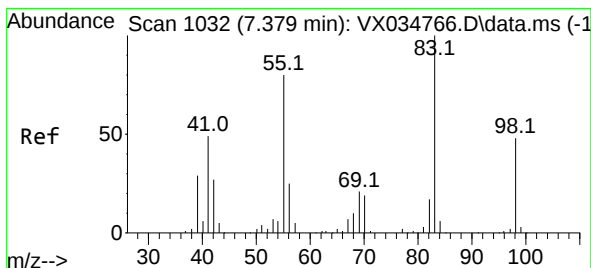
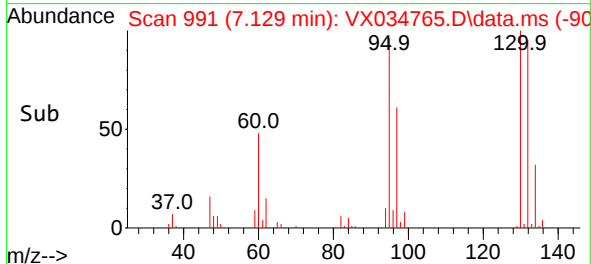
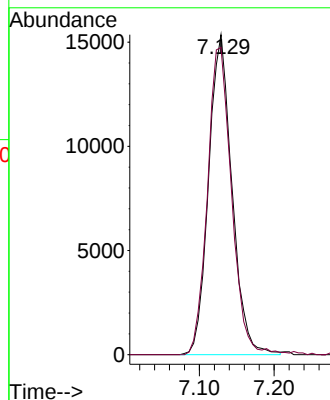
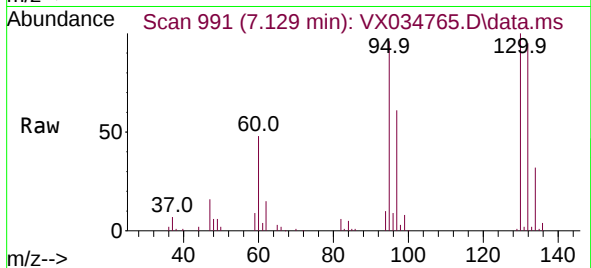
95 96.0 74.1 111.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#38

Methylcyclohexane

Concen: 10.347 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX034765.D

Acq: 27 Mar 2023 22:34

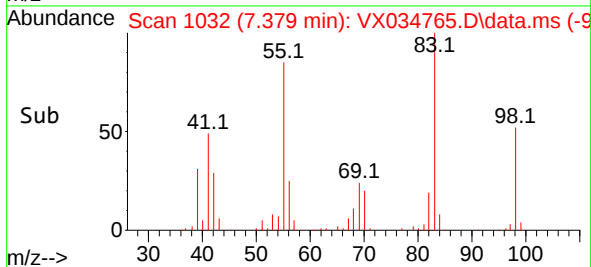
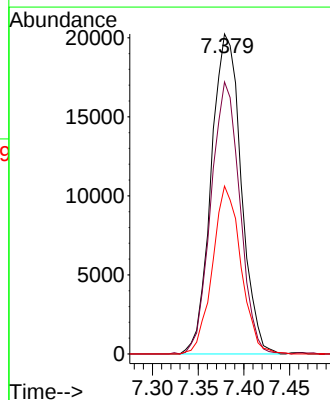
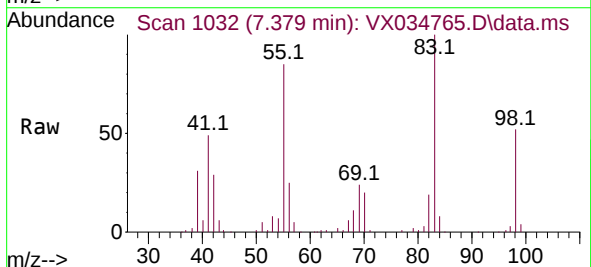
Tgt Ion: 83 Resp: 46132

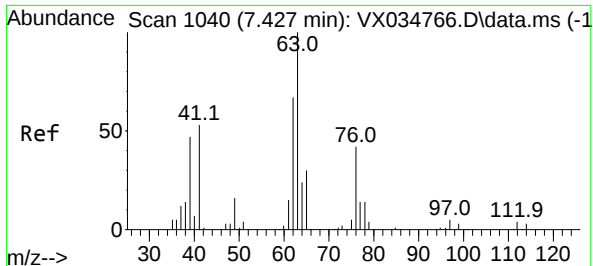
Ion Ratio Lower Upper

83 100

55 81.8 38.9 116.6

98 49.7 25.4 76.4





#39

1,2-Dichloropropane

Concen: 12.106 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX034765.D

Acq: 27 Mar 2023 22:34

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC010

Tgt Ion: 63 Resp: 3408

Ion Ratio Lower Upper

63 100

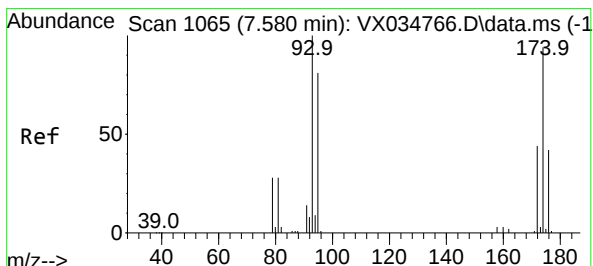
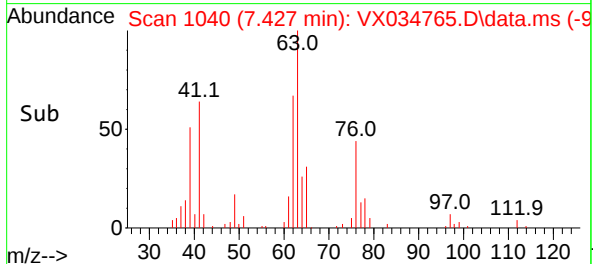
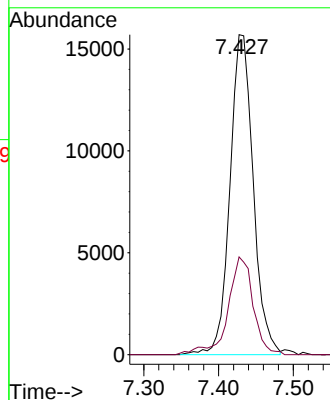
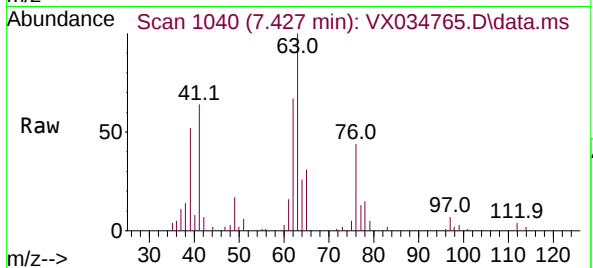
65 30.1 23.6 35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#40

Dibromomethane

Concen: 11.611 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX034765.D

Acq: 27 Mar 2023 22:34

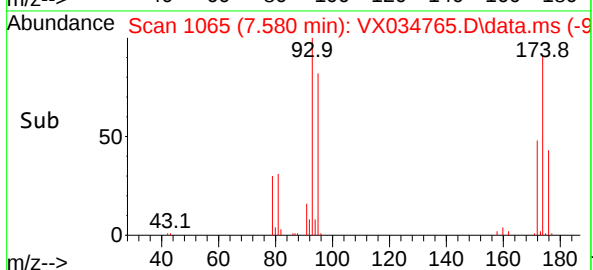
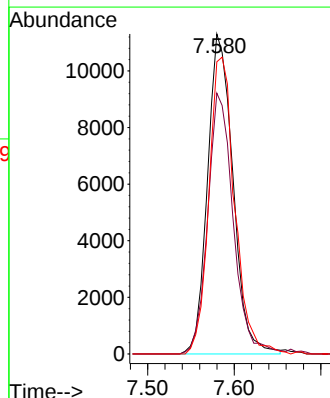
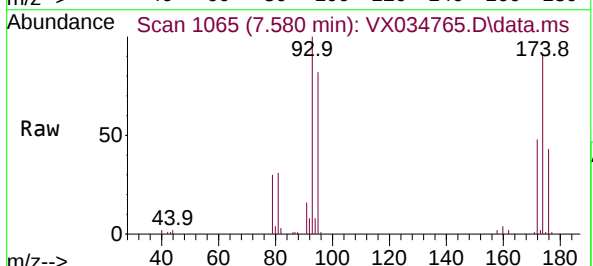
Tgt Ion: 93 Resp: 23082

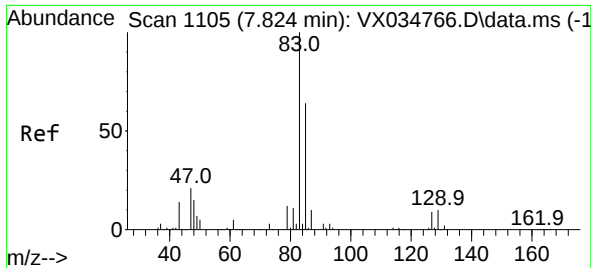
Ion Ratio Lower Upper

93 100

95 79.5 0.0 165.4

174 93.0 0.0 227.2





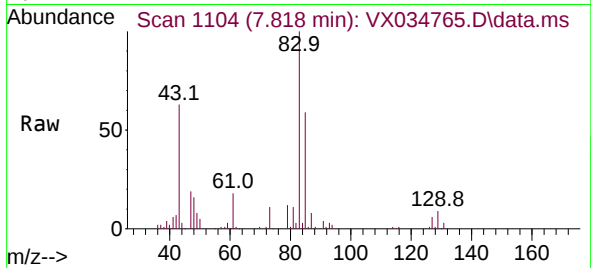
#41  
Bromodichloromethane  
Concen: 10.736 ug/l  
RT: 7.818 min Scan# 1104  
Delta R.T. -0.006 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC010



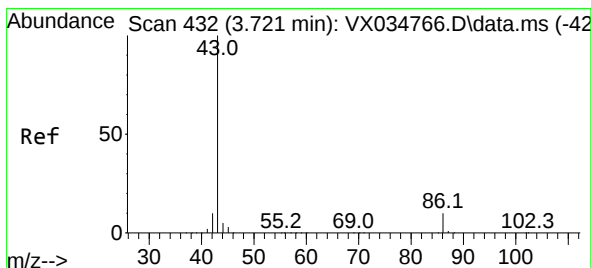
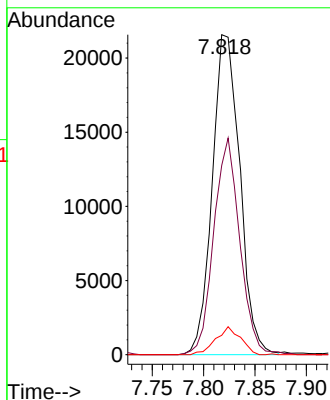
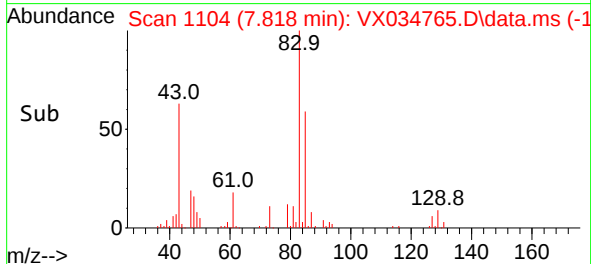
Tgt Ion: 83 Resp: 40204  
Ion Ratio Lower Upper  
83 100  
85 59.2 50.5 75.7  
127 6.0 7.2 10.8

Manual Integrations

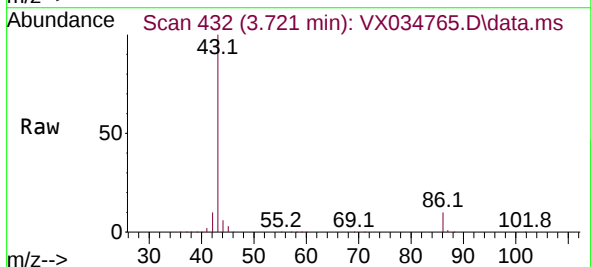
APPROVED

Reviewed By :John Carlone 03/28/2023

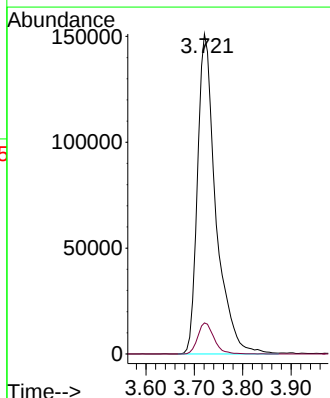
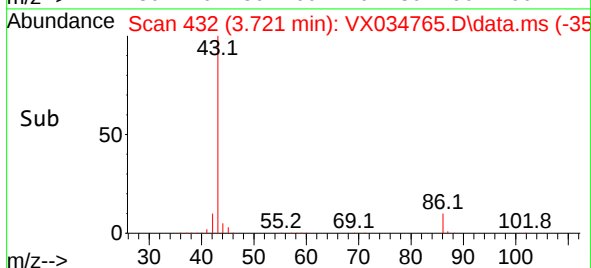
Supervised By :Semsettin Yesilyurt 03/28/2023

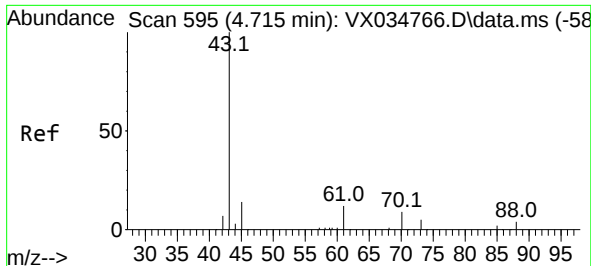


#42  
Vinyl Acetate  
Concen: 56.099 ug/l  
RT: 3.721 min Scan# 432  
Delta R.T. 0.000 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34



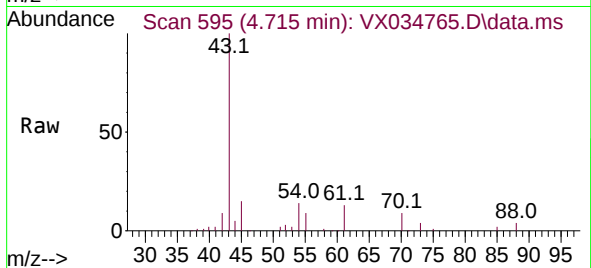
Tgt Ion: 43 Resp: 398510  
Ion Ratio Lower Upper  
43 100  
86 8.6 7.5 11.3





#43  
Ethyl Acetate  
Concen: 11.539 ug/l  
RT: 4.715 min Scan# 595  
Delta R.T. 0.000 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34

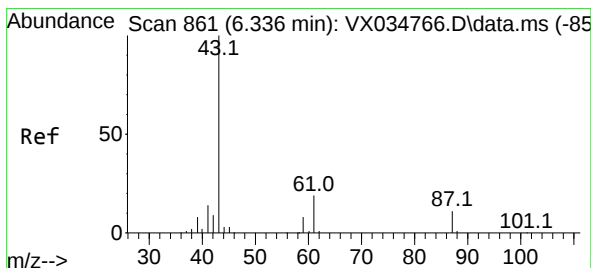
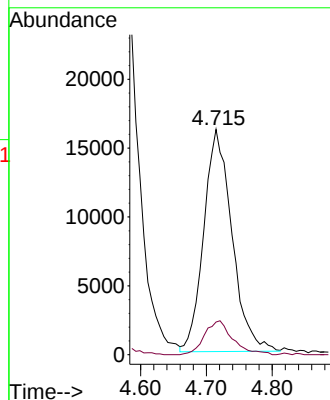
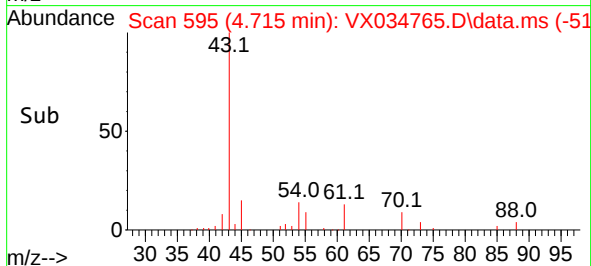
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010



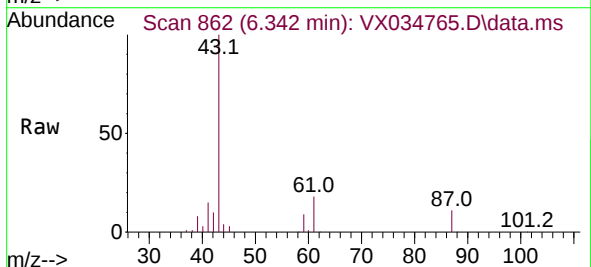
Tgt Ion: 43 Resp: 48184  
Ion Ratio Lower Upper  
43 100  
45 15.3 12.1 18.1

Manual Integrations  
APPROVED

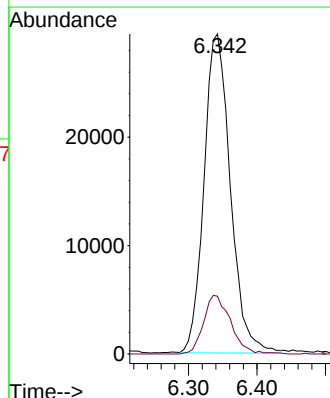
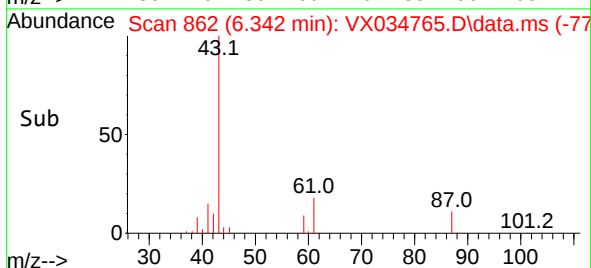
Reviewed By :John Carlone 03/28/2023  
Supervised By :Semsettin Yesilyurt 03/28/2023

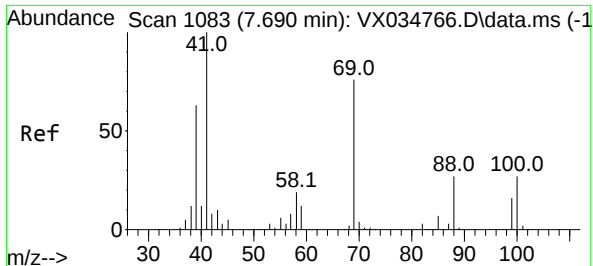


#44  
Isopropyl Acetate  
Concen: 12.178 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. 0.006 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34



Tgt Ion: 43 Resp: 78770  
Ion Ratio Lower Upper  
43 100  
61 18.5 15.6 23.4





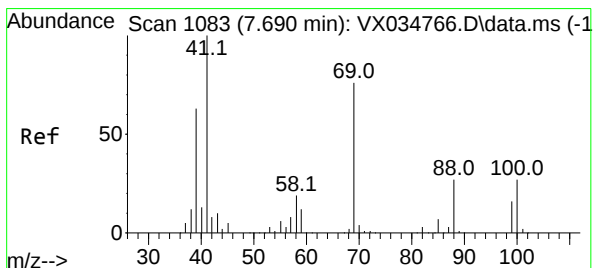
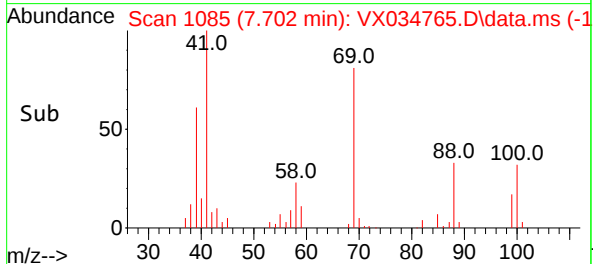
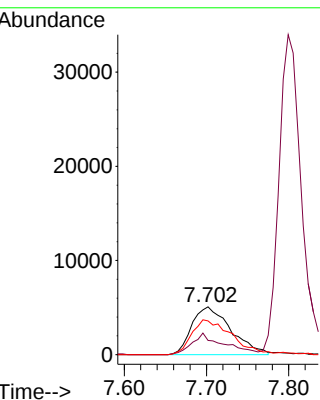
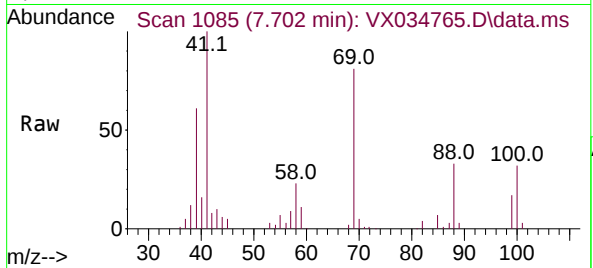
#45  
1,4-Dioxane  
Concen: 252.933 ug/l  
RT: 7.702 min Scan# 1085  
Delta R.T. 0.012 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010

Tgt Ion: 88 Resp: 1683  
Ion Ratio Lower Upper  
88 100  
43 28.8 2.8 4.2  
58 74.3 56.5 84.7

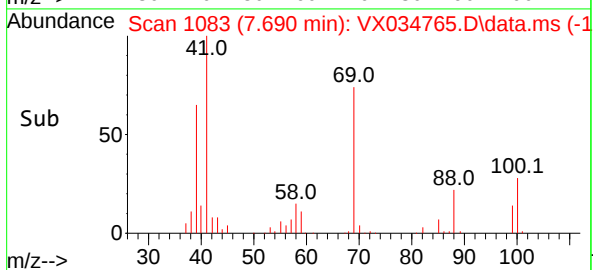
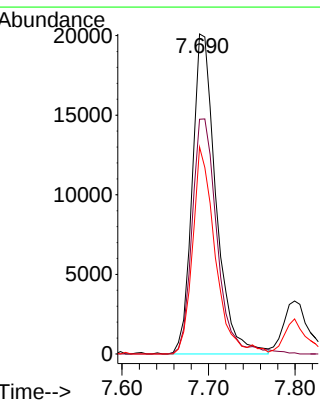
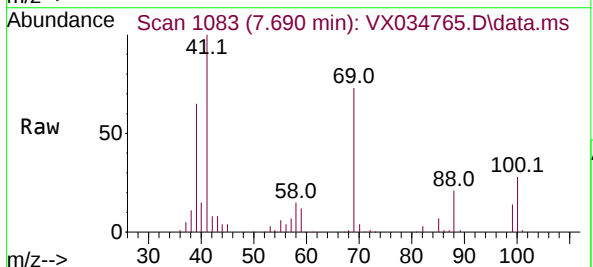
Manual Integrations  
APPROVED

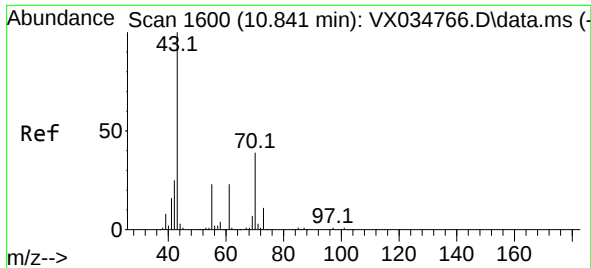
Reviewed By :John Carlone 03/28/2023  
Supervised By :Semsettin Yesilyurt 03/28/2023



#46  
Methyl methacrylate  
Concen: 11.871 ug/l  
RT: 7.690 min Scan# 1083  
Delta R.T. 0.000 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34

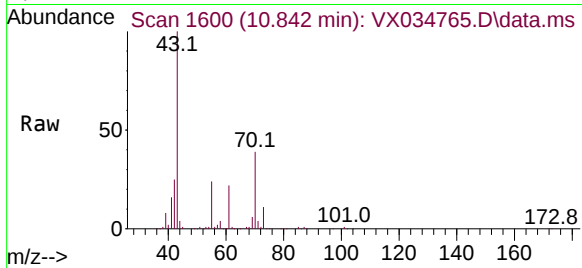
Tgt Ion: 41 Resp: 38342  
Ion Ratio Lower Upper  
41 100  
69 73.3 37.4 112.2  
39 64.6 27.2 81.5





#47  
n-amy1 Acetate  
Concen: 11.635 ug/l  
RT: 10.842 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34

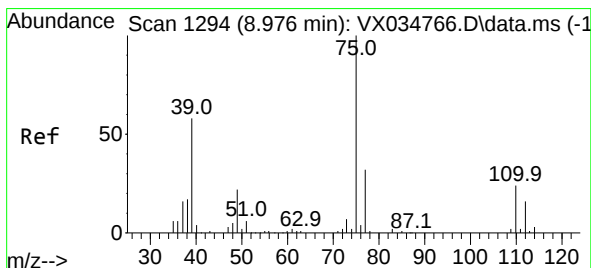
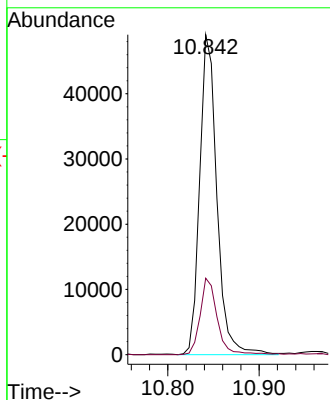
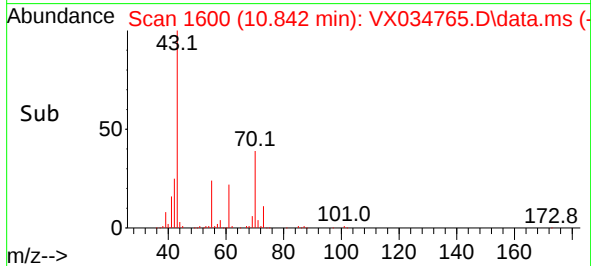
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC010



Tgt Ion: 43 Resp: 6412  
Ion Ratio Lower Upper  
43 100  
55 23.6 19.8 29.6

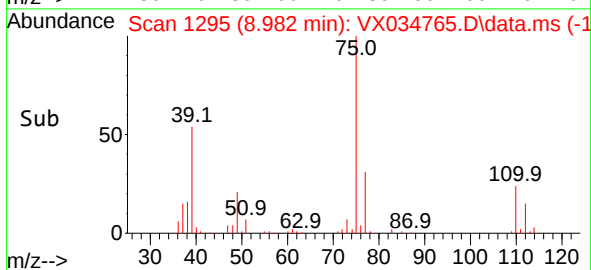
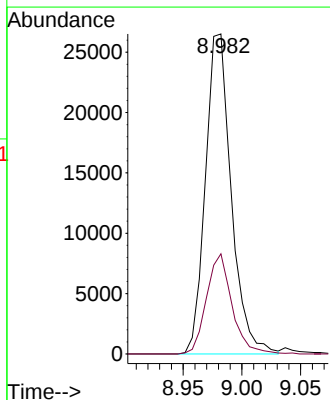
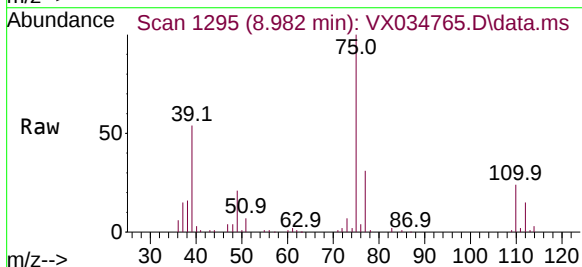
Manual Integrations  
APPROVED

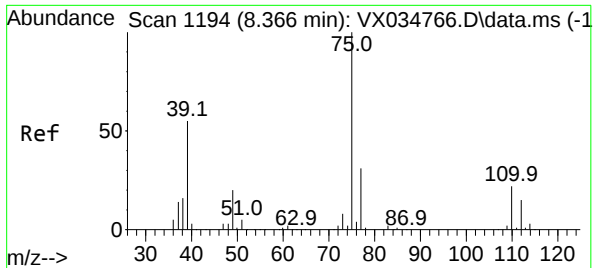
Reviewed By :John Carlone 03/28/2023  
Supervised By :Semsettin Yesilyurt 03/28/2023



#48  
t-1,3-Dichloropropene  
Concen: 10.133 ug/l  
RT: 8.982 min Scan# 1295  
Delta R.T. 0.006 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34

Tgt Ion: 75 Resp: 40602  
Ion Ratio Lower Upper  
75 100  
77 31.3 24.0 36.0





#49

cis-1,3-Dichloropropene

Concen: 10.566 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX034765.D

Acq: 27 Mar 2023 22:34

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC010

Tgt Ion: 75 Resp: 4733

Ion Ratio Lower Upper

75 100

77 33.8 25.8 38.8

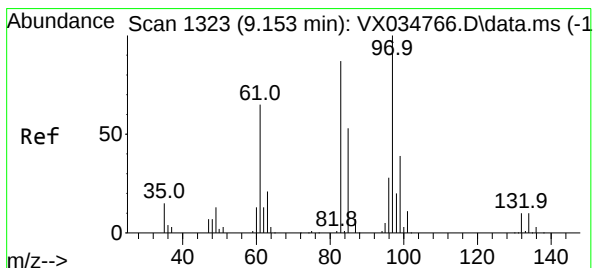
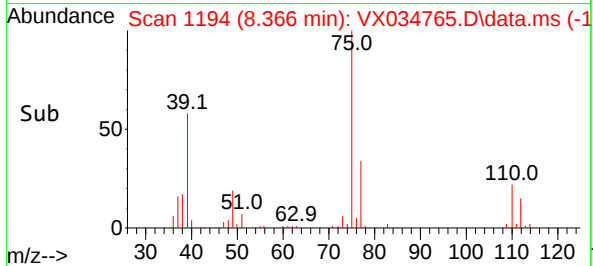
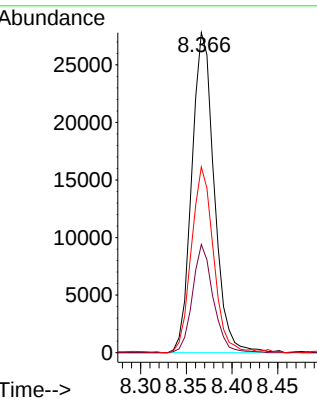
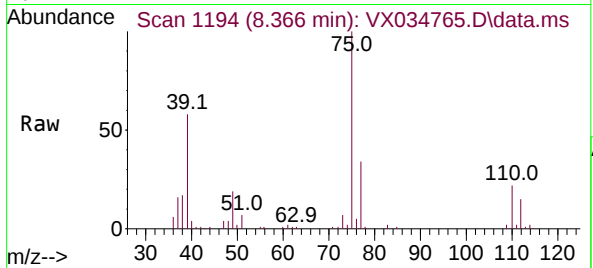
39 58.1 42.2 63.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#50

1,1,2-Trichloroethane

Concen: 11.067 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX034765.D

Acq: 27 Mar 2023 22:34

Tgt Ion: 97 Resp: 32329

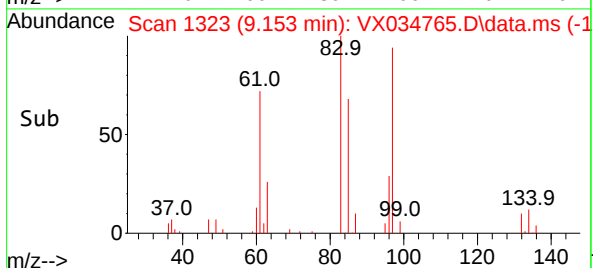
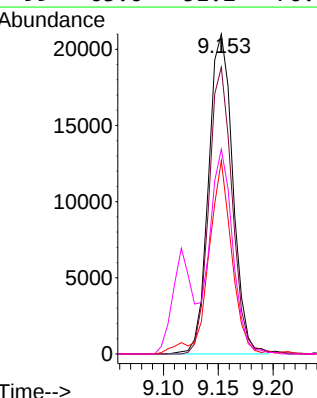
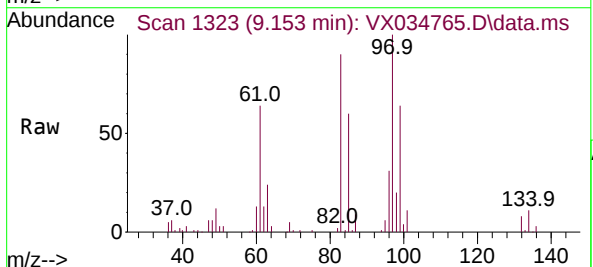
Ion Ratio Lower Upper

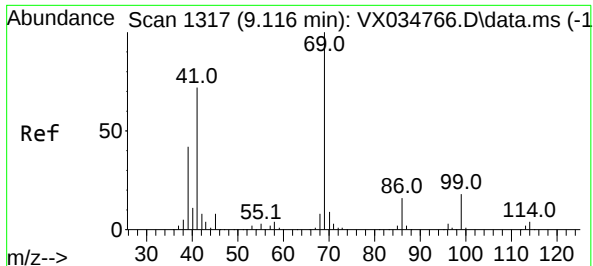
97 100

83 89.6 65.4 98.0

85 59.5 42.5 63.7

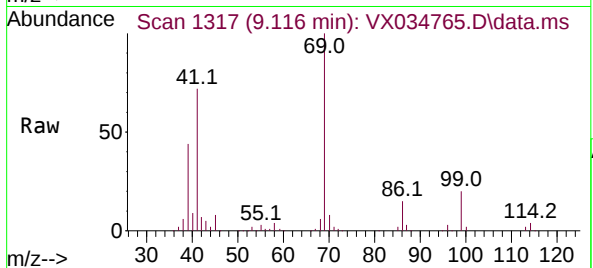
99 63.6 51.2 76.8





#51  
Ethyl methacrylate  
Concen: 11.059 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34

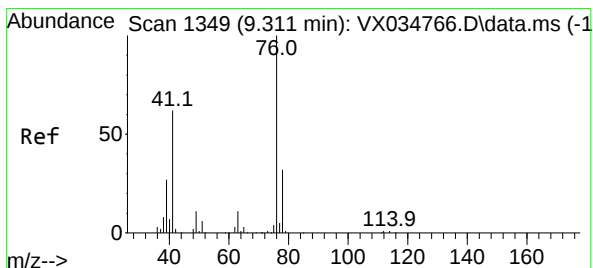
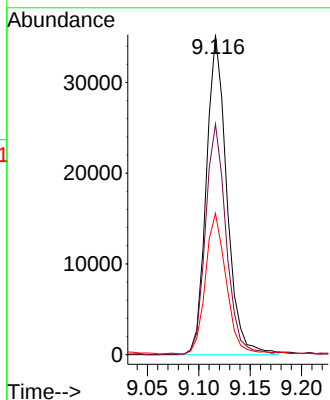
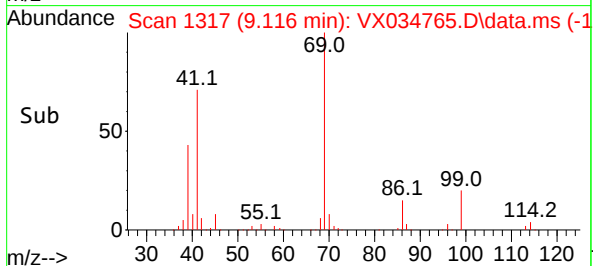
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC010



Tgt Ion: 69 Resp: 4892  
Ion Ratio Lower Upper  
69 100  
41 71.8 35.8 107.3  
39 43.9 20.2 60.6

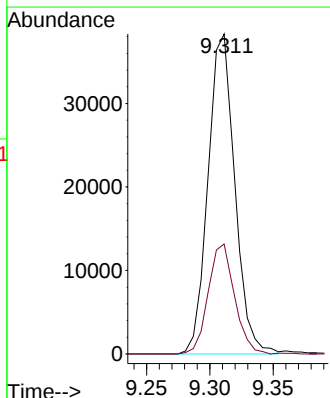
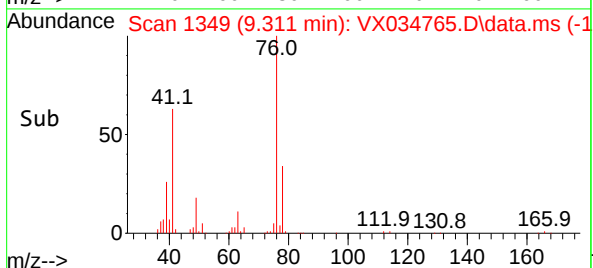
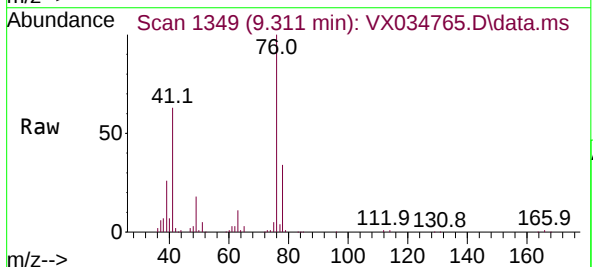
Manual Integrations  
APPROVED

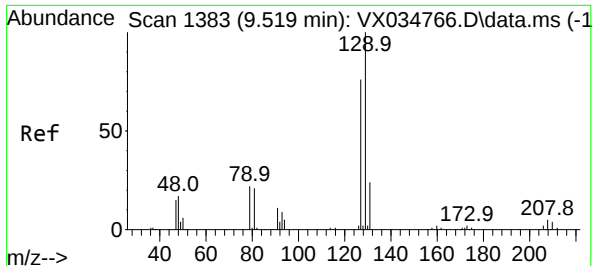
Reviewed By :John Carlone 03/28/2023  
Supervised By :Semsettin Yesilyurt 03/28/2023



#52  
1,3-Dichloropropane  
Concen: 11.309 ug/l  
RT: 9.311 min Scan# 1349  
Delta R.T. 0.000 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34

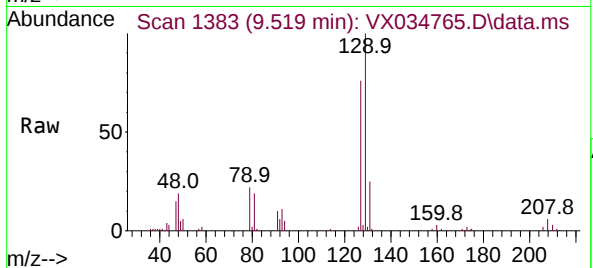
Tgt Ion: 76 Resp: 56455  
Ion Ratio Lower Upper  
76 100  
78 33.7 0.0 65.6





#53  
Dibromochloromethane  
Concen: 8.670 ug/l  
RT: 9.519 min Scan# 1383  
Delta R.T. 0.000 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34

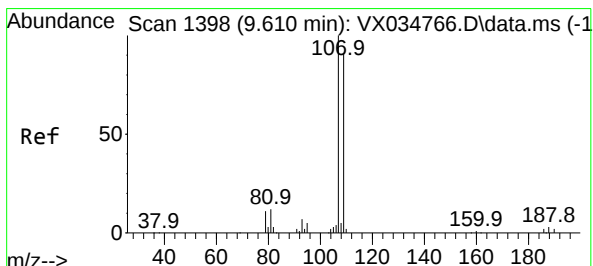
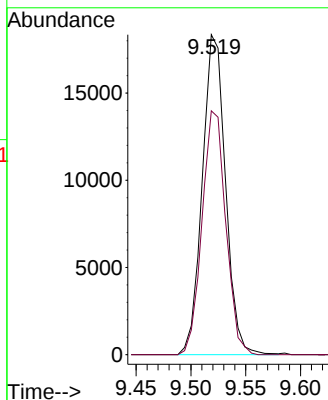
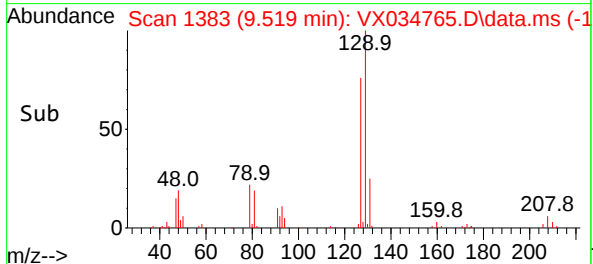
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010



Tgt Ion:129 Resp: 2699  
Ion Ratio Lower Upper  
129 100  
127 77.7 38.6 116.0

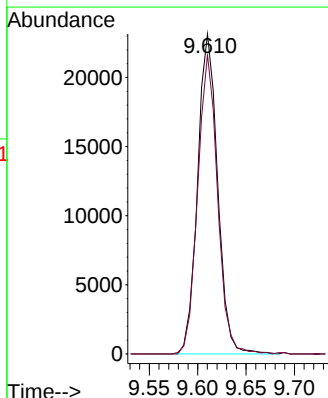
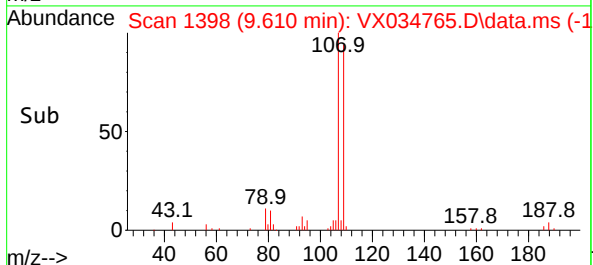
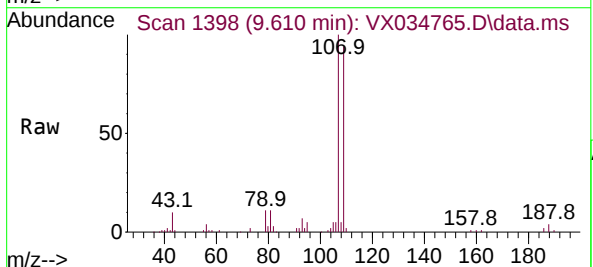
Manual Integrations  
APPROVED

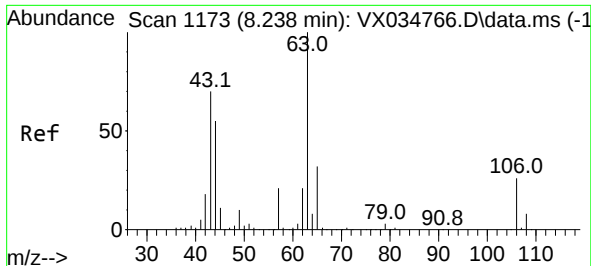
Reviewed By :John Carlone 03/28/2023  
Supervised By :Semsettin Yesilyurt 03/28/2023



#54  
1,2-Dibromoethane  
Concen: 10.595 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. 0.000 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34

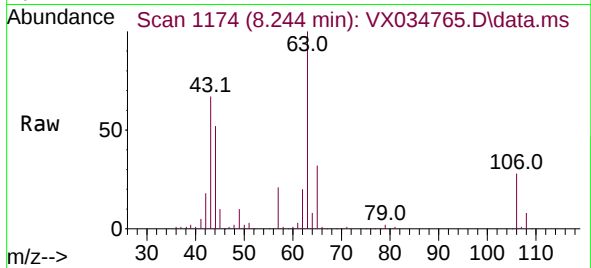
Tgt Ion:107 Resp: 33366  
Ion Ratio Lower Upper  
107 100  
109 92.8 75.7 113.5





#55  
2-Chloroethyl vinyl ether  
Concen: 62.527 ug/l  
RT: 8.244 min Scan# 1174  
Delta R.T. 0.006 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34

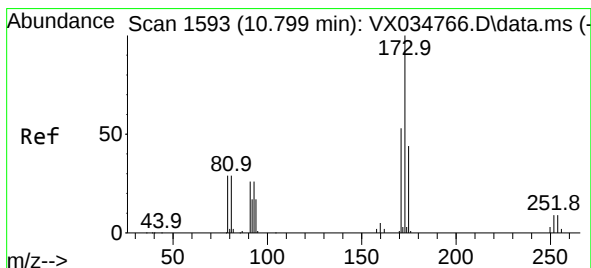
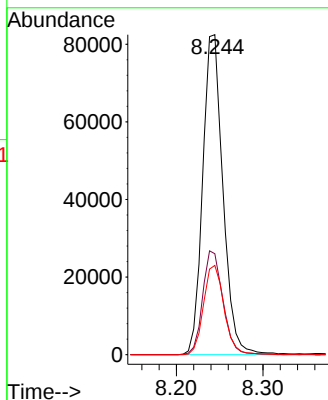
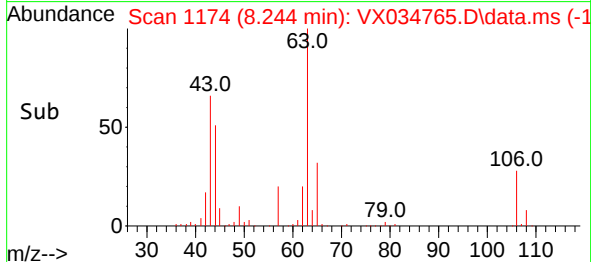
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC010



Tgt Ion: 63 Resp: 133940  
Ion Ratio Lower Upper  
63 100  
65 32.3 25.4 38.2  
106 28.3 23.9 35.9

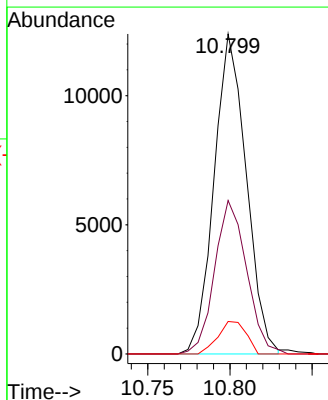
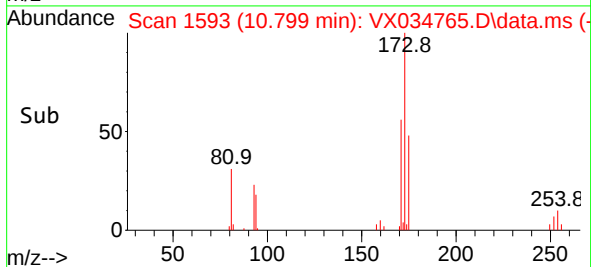
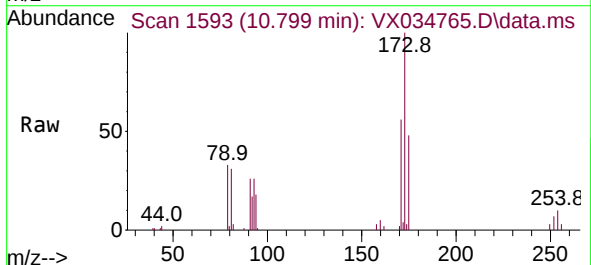
Manual Integrations  
APPROVED

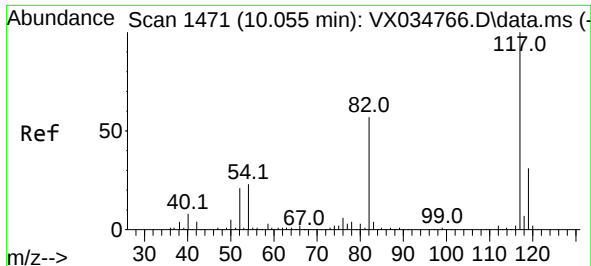
Reviewed By :John Carlone 03/28/2023  
Supervised By :Semsettin Yesilyurt 03/28/2023



#56  
Bromoform  
Concen: 7.238 ug/l  
RT: 10.799 min Scan# 1593  
Delta R.T. 0.000 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34

Tgt Ion:173 Resp: 16817  
Ion Ratio Lower Upper  
173 100  
175 47.7 39.8 59.6  
254 8.9 9.0 13.6#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX034765.D

Acq: 27 Mar 2023 22:34

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC010

Tgt Ion: 117 Resp: 20745

Ion Ratio Lower Upper

117 100

82 56.8 42.6 64.0

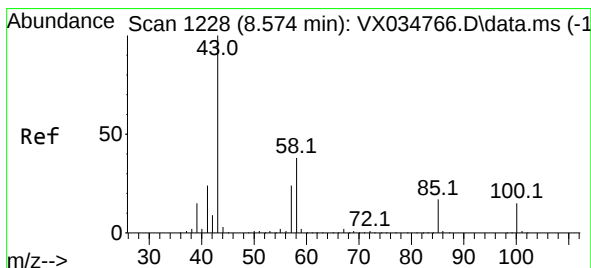
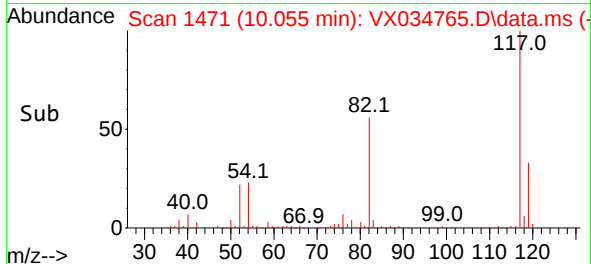
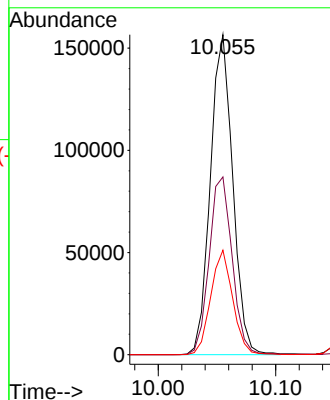
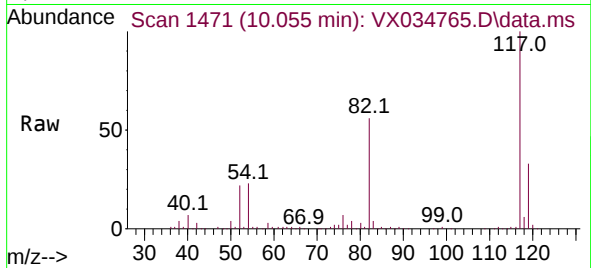
119 32.1 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#58

4-Methyl-2-Pentanone

Concen: 63.218 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX034765.D

Acq: 27 Mar 2023 22:34

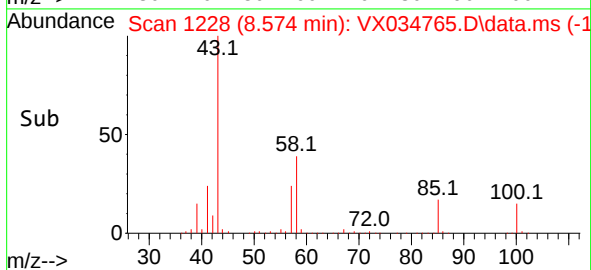
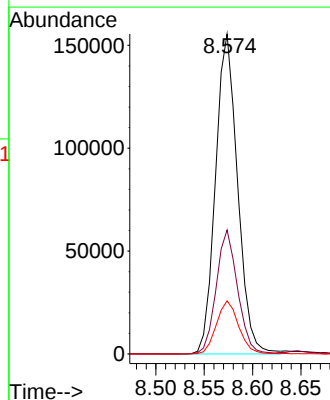
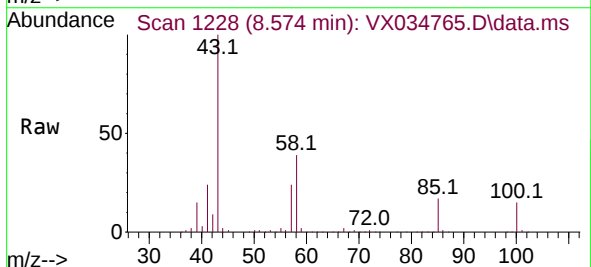
Tgt Ion: 43 Resp: 246708

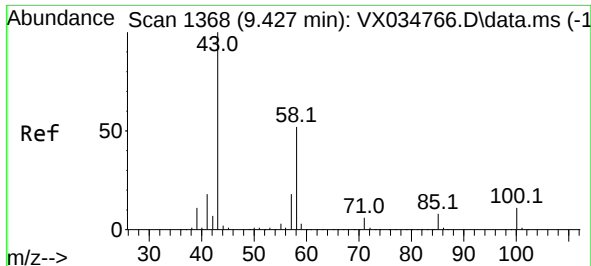
Ion Ratio Lower Upper

43 100

58 37.4 29.8 44.6

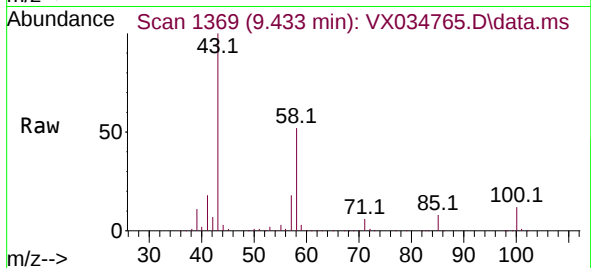
85 16.7 13.7 20.5





#59  
2-Hexanone  
Concen: 62.537 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. 0.006 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34

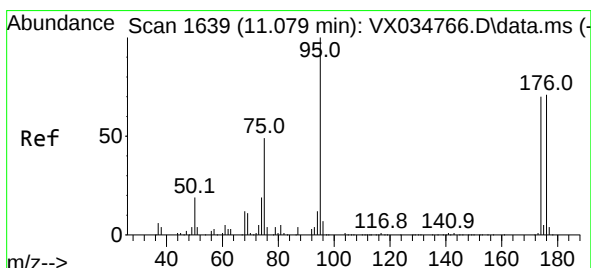
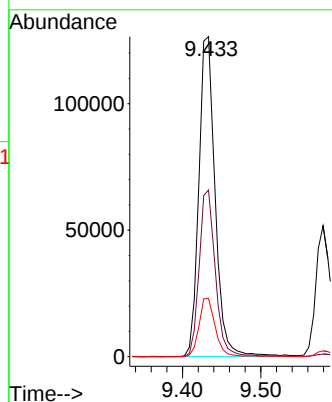
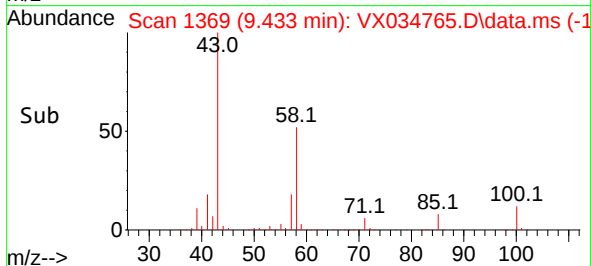
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010



Tgt Ion: 43 Resp: 18313  
Ion Ratio Lower Upper  
43 100  
58 51.9 41.6 62.4  
57 18.1 14.6 21.8

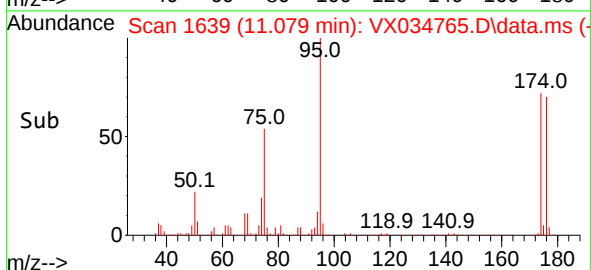
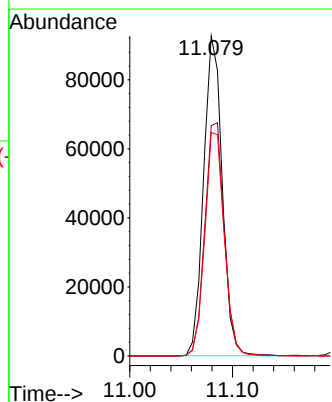
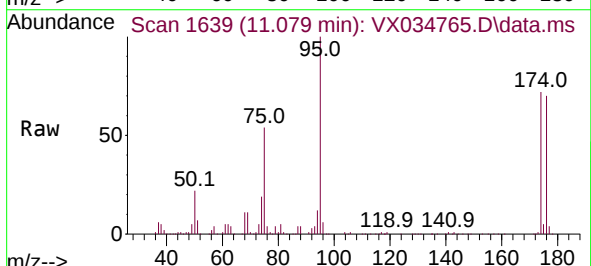
Manual Integrations  
APPROVED

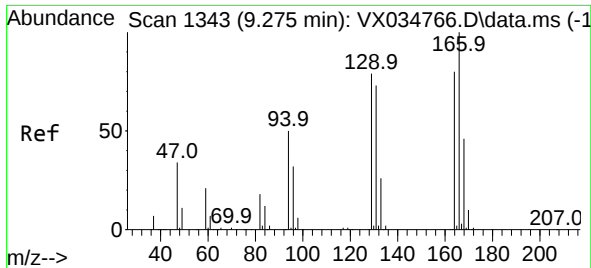
Reviewed By :John Carlone 03/28/2023  
Supervised By :Semsettin Yesilyurt 03/28/2023



#60  
4-Bromofluorobenzene  
Concen: 31.213 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34

Tgt Ion: 95 Resp: 116755  
Ion Ratio Lower Upper  
95 100  
174 76.5 74.6 111.8  
176 72.9 72.2 108.2





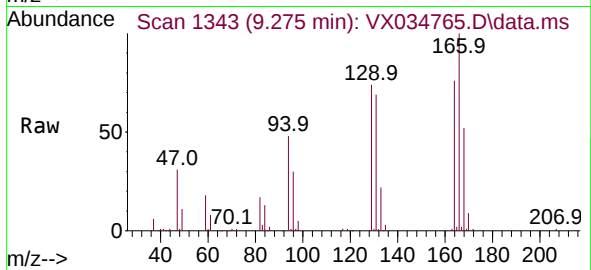
#61  
Tetrachloroethene  
Concen: 10.492 ug/l  
RT: 9.275 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC010



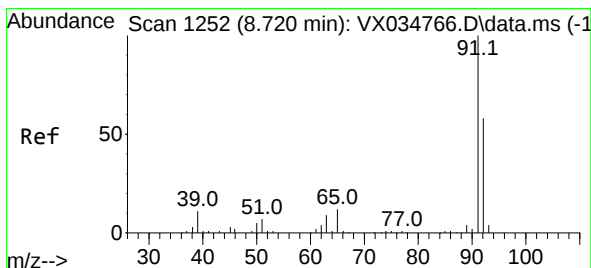
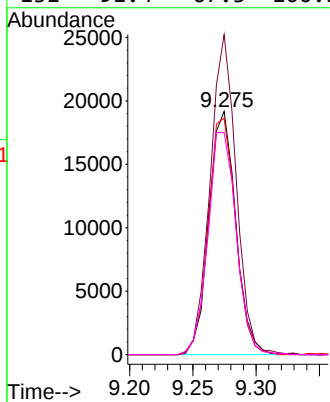
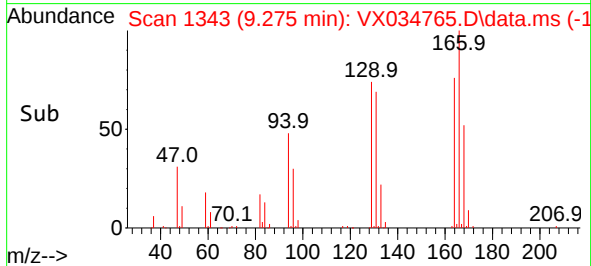
Tgt Ion:164 Resp: 2857  
Ion Ratio Lower Upper  
164 100  
166 131.6 100.6 151.0  
129 97.2 69.9 104.9  
131 91.4 67.3 100.9

Manual Integrations

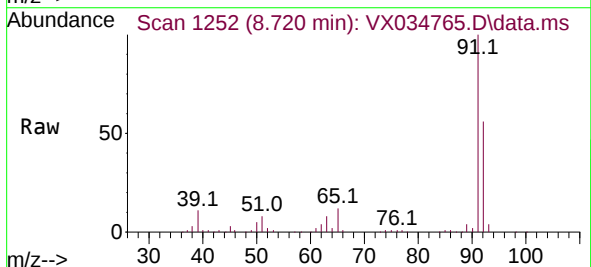
APPROVED

Reviewed By :John Carlone 03/28/2023

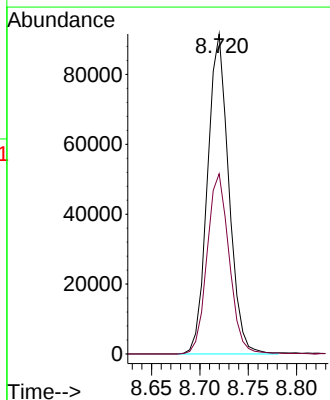
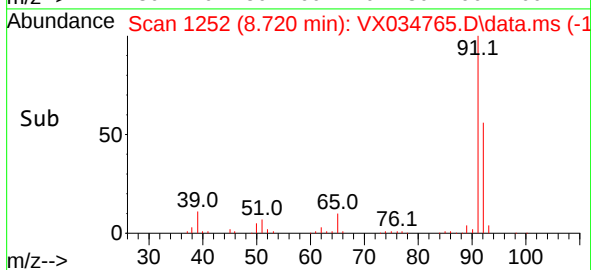
Supervised By :Semsettin Yesilyurt 03/28/2023

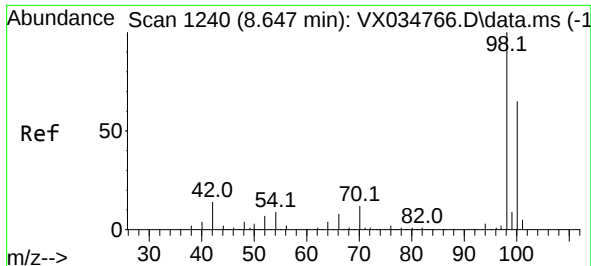


#62  
Toluene  
Concen: 11.958 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34



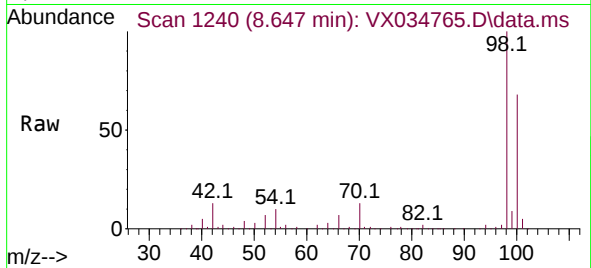
Tgt Ion: 91 Resp: 140488  
Ion Ratio Lower Upper  
91 100  
92 58.4 47.5 71.3





#63  
Toluene-d8  
Concen: 32.137 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34

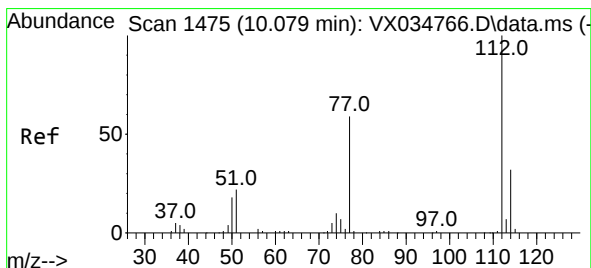
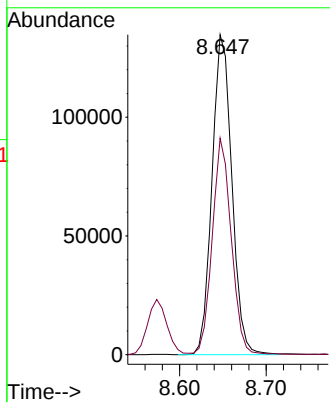
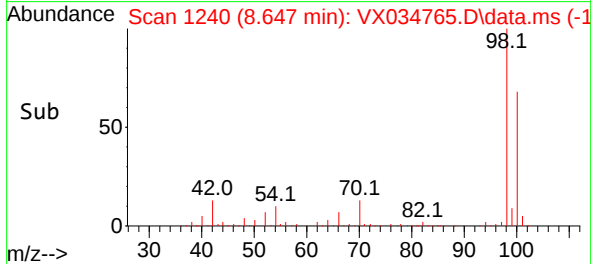
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010



Tgt Ion: 98 Resp: 214260  
Ion Ratio Lower Upper  
98 100  
100 64.2 52.7 79.1

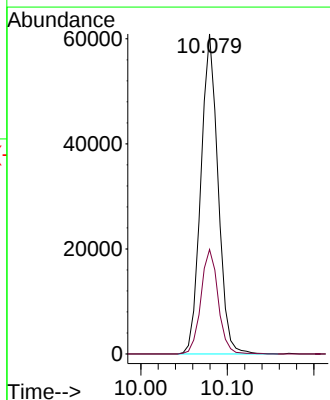
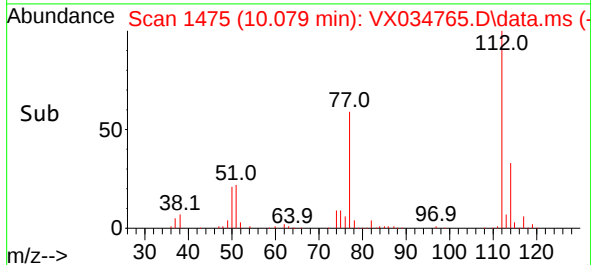
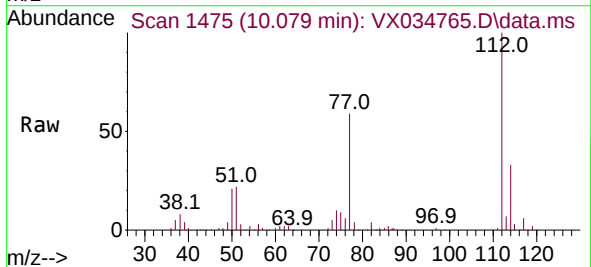
Manual Integrations  
APPROVED

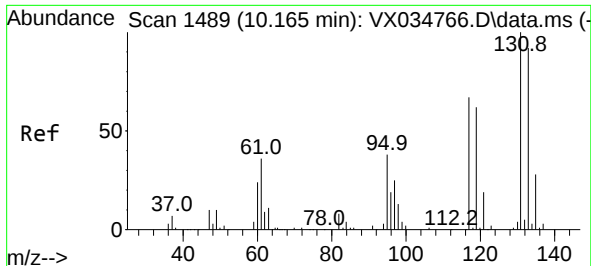
Reviewed By :John Carlone 03/28/2023  
Supervised By :Semsettin Yesilyurt 03/28/2023



#64  
Chlorobenzene  
Concen: 10.852 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34

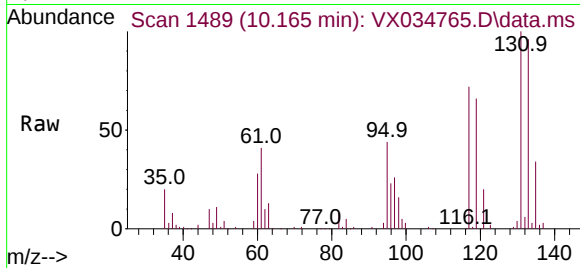
Tgt Ion:112 Resp: 83874  
Ion Ratio Lower Upper  
112 100  
114 32.6 25.7 38.5





#65  
1,1,1,2-Tetrachloroethane  
Concen: 9.825 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.000 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34

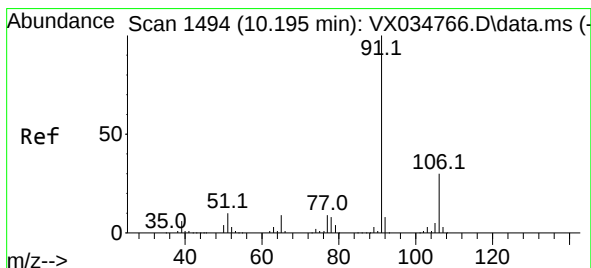
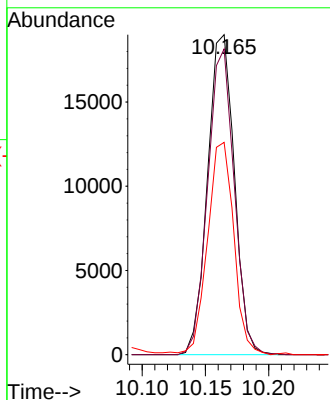
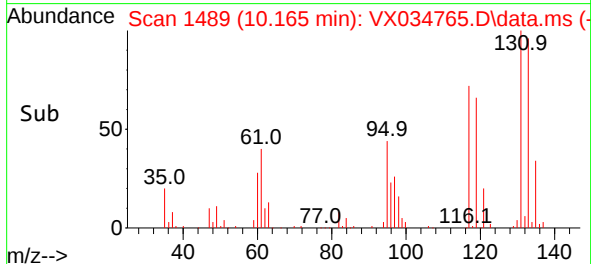
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010



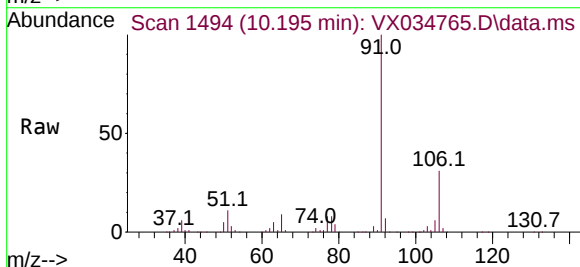
Tgt Ion:131 Resp: 27958  
Ion Ratio Lower Upper  
131 100  
133 94.4 0.0 188.8  
119 64.8 0.0 123.4

Manual Integrations  
APPROVED

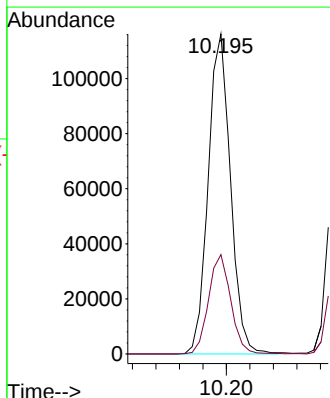
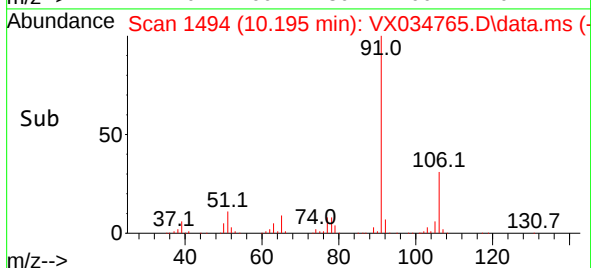
Reviewed By :John Carlone 03/28/2023  
Supervised By :Semsettin Yesilyurt 03/28/2023

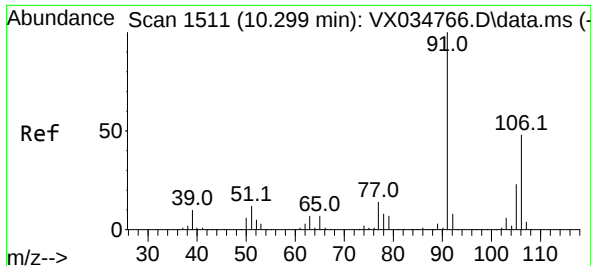


#66  
Ethyl Benzene  
Concen: 11.465 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34



Tgt Ion: 91 Resp: 153154  
Ion Ratio Lower Upper  
91 100  
106 31.1 26.7 40.1





#67

m/p-Xylenes

Concen: 22.104 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX034765.D

Acq: 27 Mar 2023 22:34

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC010

Tgt Ion:106 Resp: 115392

Ion Ratio Lower Upper

106 100

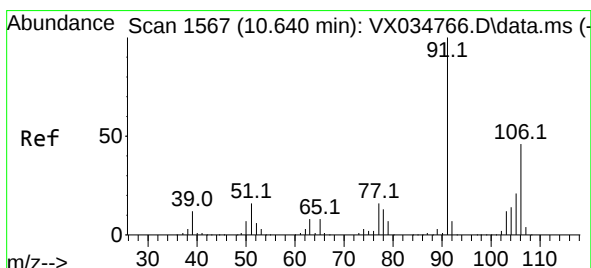
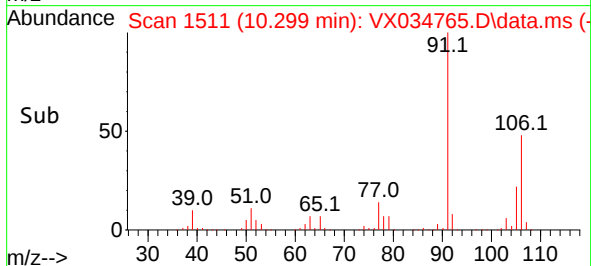
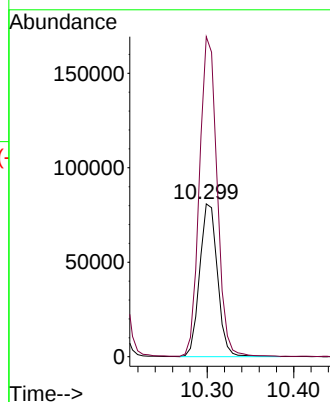
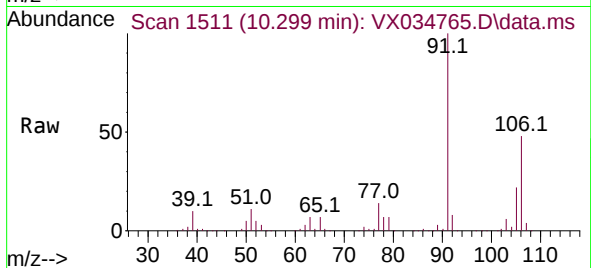
91 206.7 159.7 239.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#68

o-Xylene

Concen: 10.934 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX034765.D

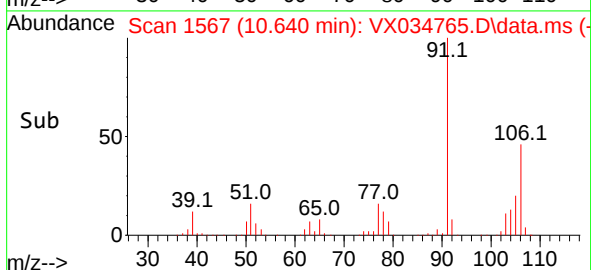
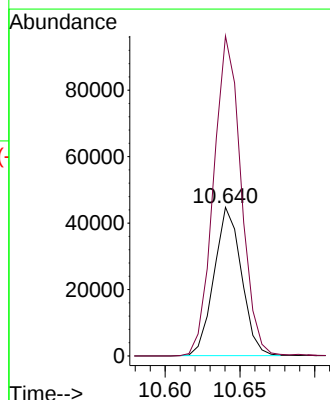
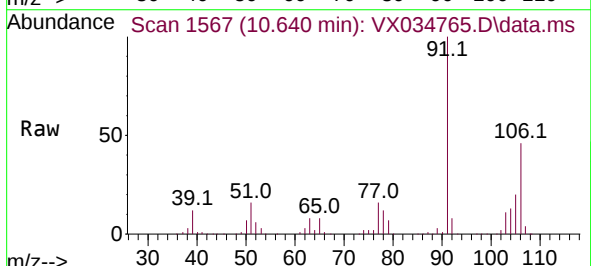
Acq: 27 Mar 2023 22:34

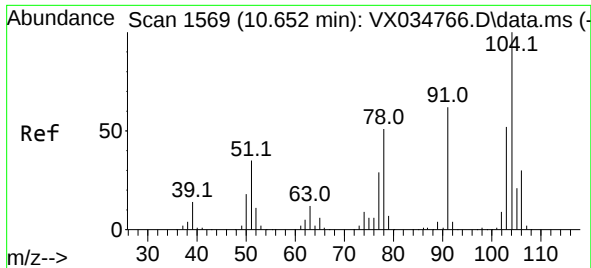
Tgt Ion:106 Resp: 56915

Ion Ratio Lower Upper

106 100

91 215.6 102.8 308.5





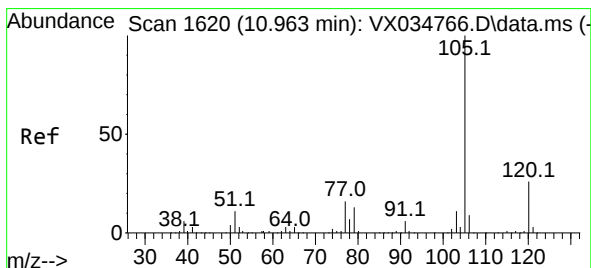
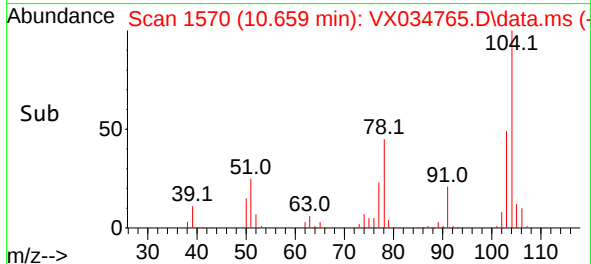
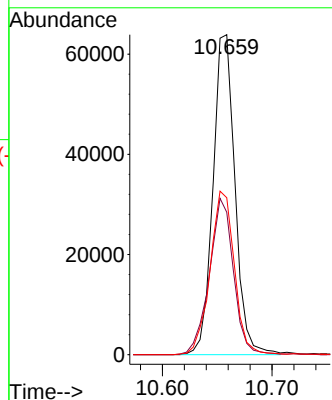
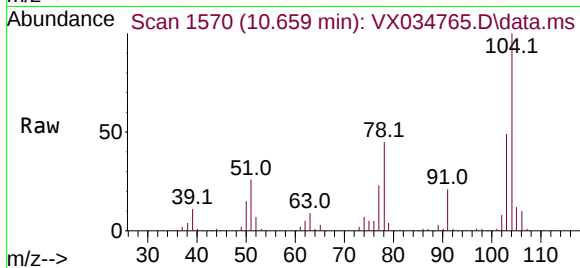
#69  
Styrene  
Concen: 10.486 ug/l  
RT: 10.659 min Scan# 1569  
Delta R.T. 0.006 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC010

Tgt Ion:104 Resp: 89320  
Ion Ratio Lower Upper  
104 100  
78 53.4 37.6 56.4  
103 56.3 44.2 66.4

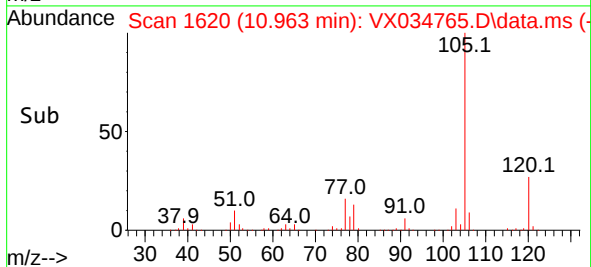
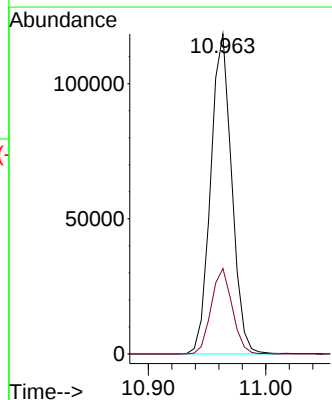
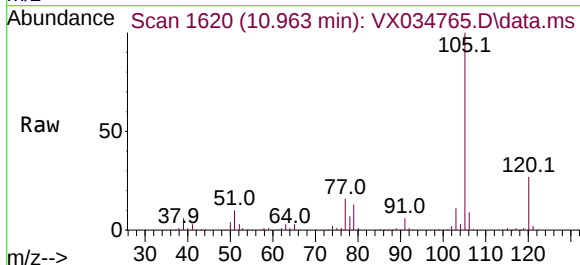
Manual Integrations  
APPROVED

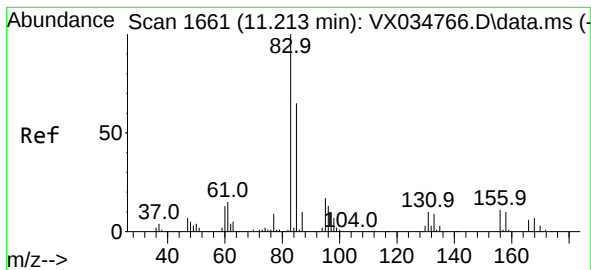
Reviewed By :John Carlone 03/28/2023  
Supervised By :Semsettin Yesilyurt 03/28/2023



#70  
Isopropylbenzene  
Concen: 11.082 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34

Tgt Ion:105 Resp: 147549  
Ion Ratio Lower Upper  
105 100  
120 26.6 19.7 36.5





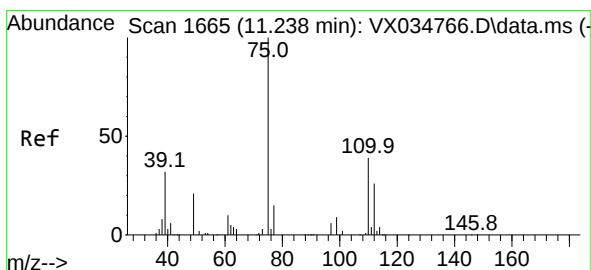
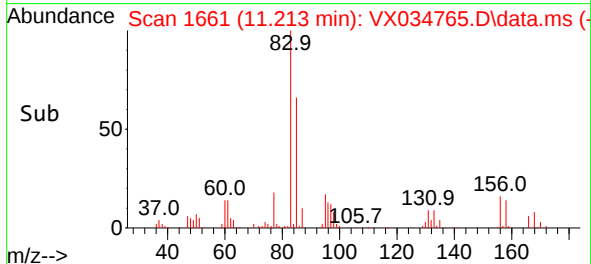
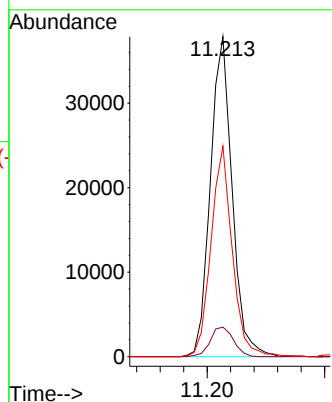
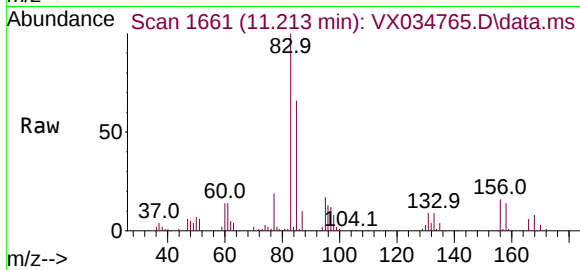
#71  
1,1,2,2-Tetrachloroethane  
Concen: 11.726 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. 0.000 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010

Tgt Ion: 83 Resp: 48574  
Ion Ratio Lower Upper  
83 100  
131 9.9 5.7 17.0  
85 64.4 33.3 99.8

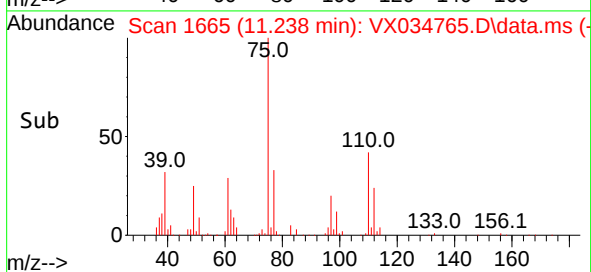
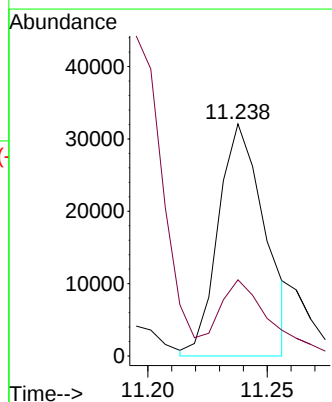
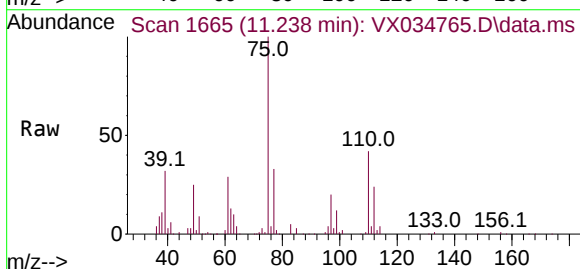
Manual Integrations  
APPROVED

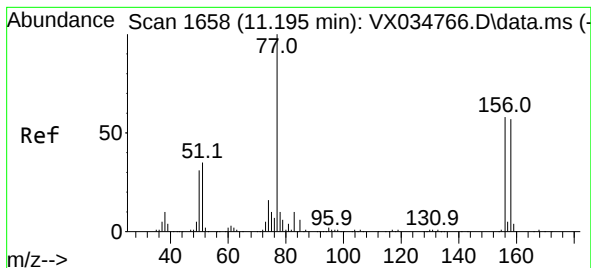
Reviewed By :John Carlone 03/28/2023  
Supervised By :Semsettin Yesilyurt 03/28/2023



#72  
1,2,3-Trichloropropane  
Concen: 11.542 ug/l m  
RT: 11.238 min Scan# 1665  
Delta R.T. 0.000 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34

Tgt Ion: 75 Resp: 43430  
Ion Ratio Lower Upper  
75 100  
77 36.5 0.0 75.6





#73

Bromobenzene

Concen: 9.809 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX034765.D

Acq: 27 Mar 2023 22:34

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC010

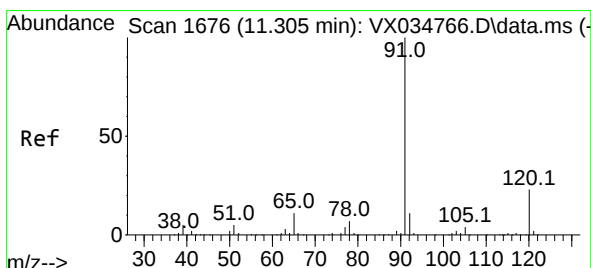
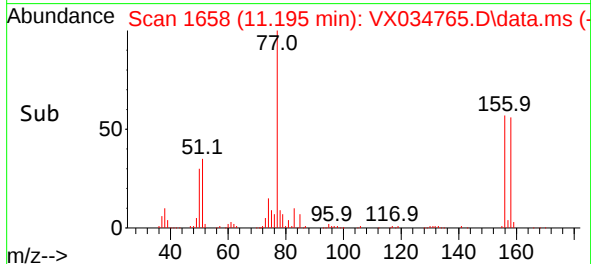
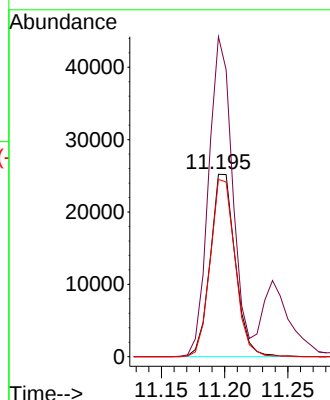
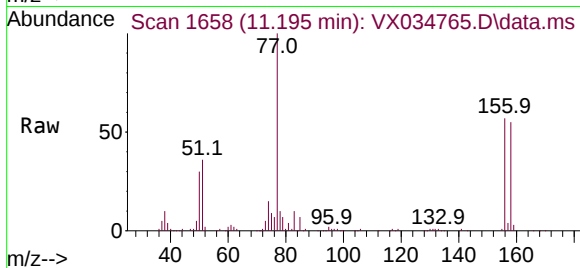
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 156   | Resp: | 3463  |
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 166.8 | 0.0   | 269.4 |
| 158       | 96.2  | 0.0   | 192.6 |

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#74

n-propylbenzene

Concen: 11.039 ug/l

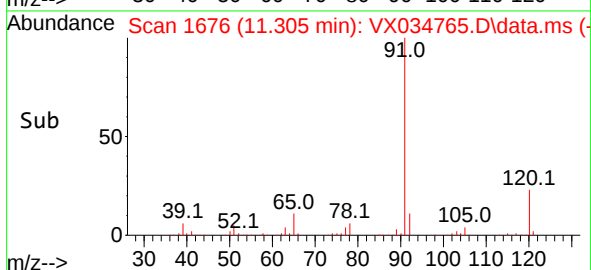
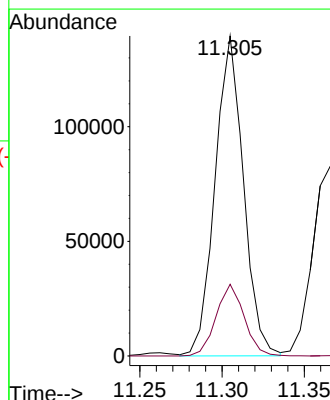
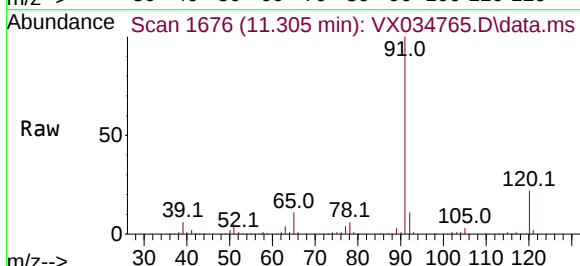
RT: 11.305 min Scan# 1676

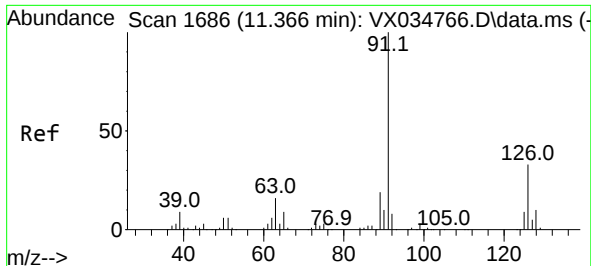
Delta R.T. 0.000 min

Lab File: VX034765.D

Acq: 27 Mar 2023 22:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 167542 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 22.1  | 0.0   | 48.8   |





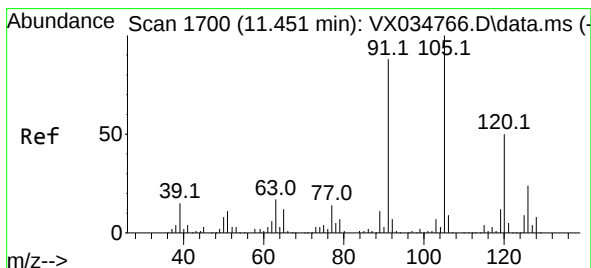
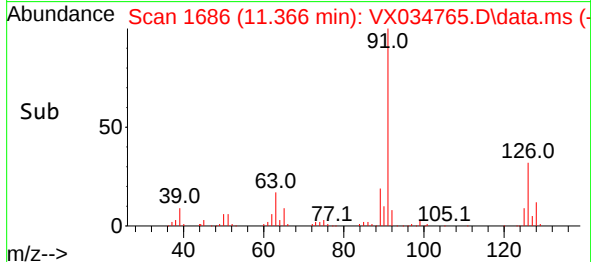
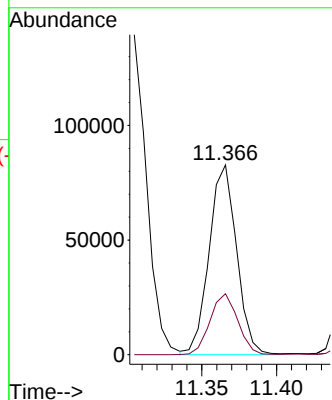
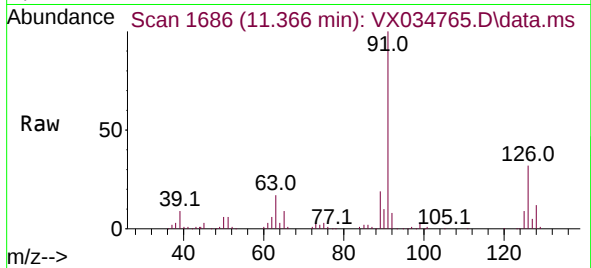
#75  
2-Chlorotoluene  
Concen: 11.598 ug/l  
RT: 11.366 min Scan# 1686  
Delta R.T. 0.000 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC010

Tgt Ion: 91 Resp: 10581  
Ion Ratio Lower Upper  
91 100  
126 32.2 0.0 73.0

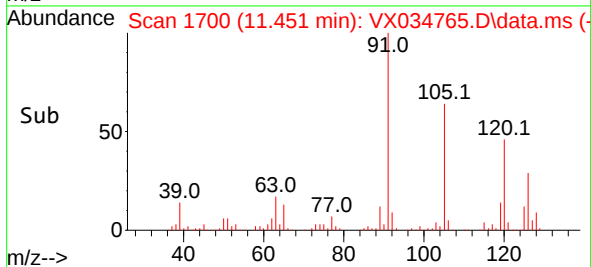
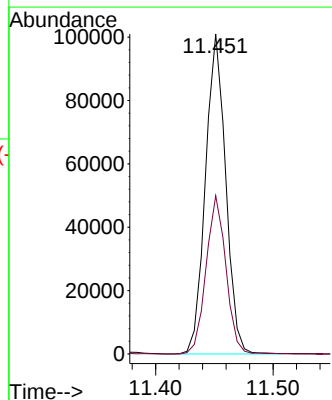
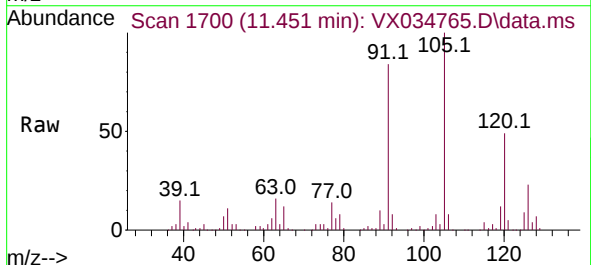
Manual Integrations  
APPROVED

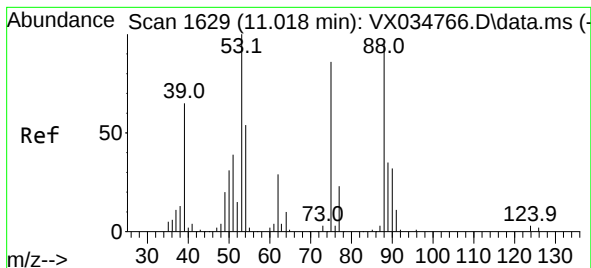
Reviewed By :John Carlone 03/28/2023  
Supervised By :Semsettin Yesilyurt 03/28/2023



#76  
1,3,5-Trimethylbenzene  
Concen: 10.962 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34

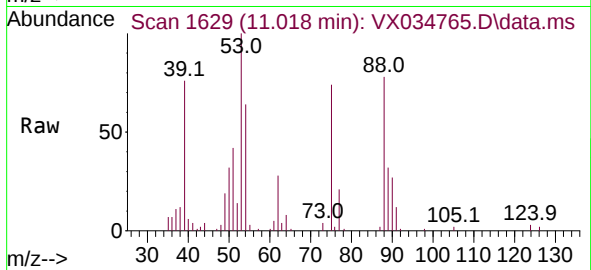
Tgt Ion:105 Resp: 120889  
Ion Ratio Lower Upper  
105 100  
120 48.4 0.0 102.2





#77  
t-1,4-Dichloro-2-butene  
Concen: 8.649 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34

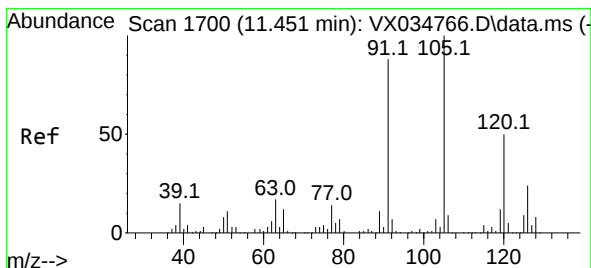
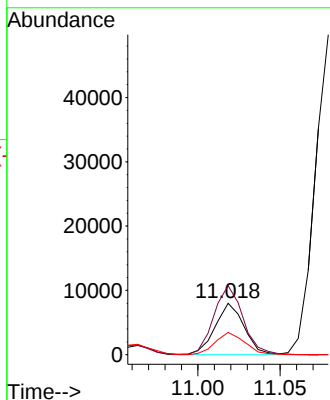
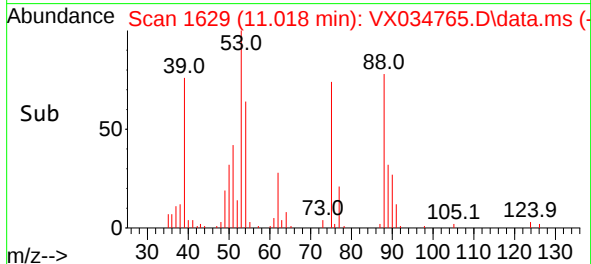
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010



Tgt Ion: 75 Resp: 9800  
Ion Ratio Lower Upper  
75 100  
53 134.4 55.5 166.3  
89 43.5 23.3 69.8

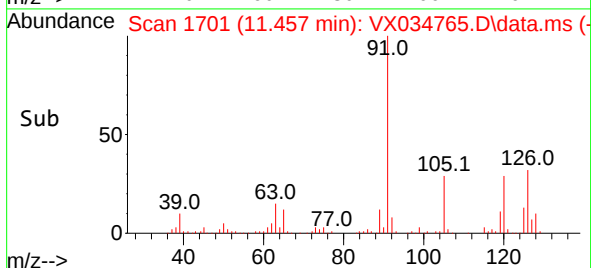
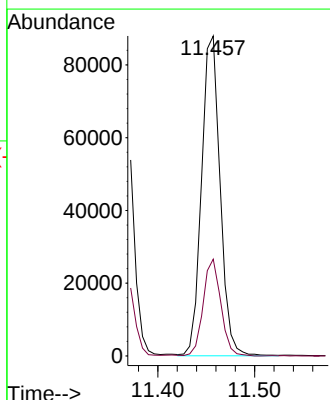
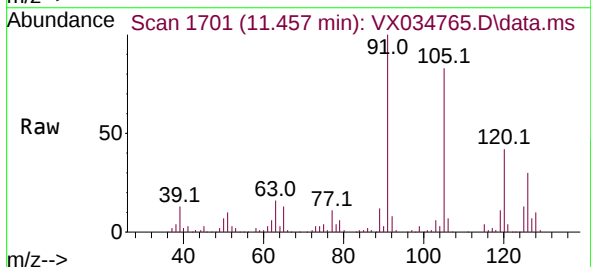
Manual Integrations  
APPROVED

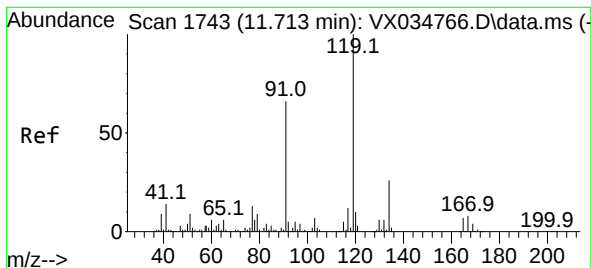
Reviewed By :John Carlone 03/28/2023  
Supervised By :Semsettin Yesilyurt 03/28/2023



#78  
4-Chlorotoluene  
Concen: 11.441 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.006 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34

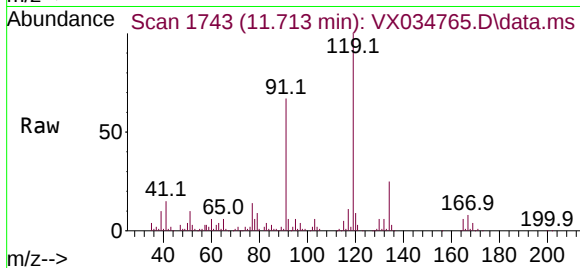
Tgt Ion: 91 Resp: 117627  
Ion Ratio Lower Upper  
91 100  
126 28.7 0.0 65.2





#79  
tert-butylbenzene  
Concen: 10.230 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. 0.000 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34

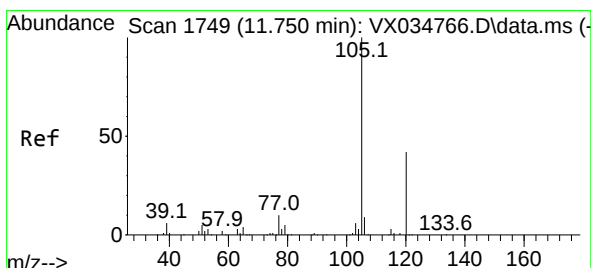
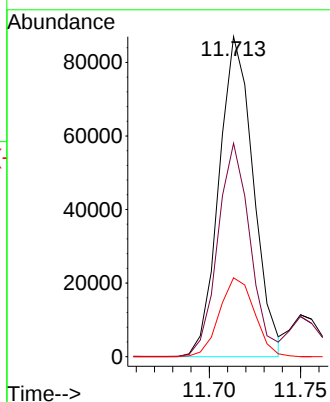
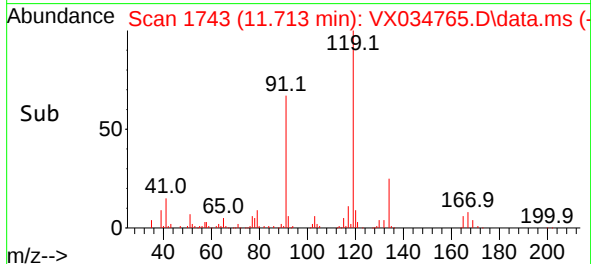
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010



Tgt Ion:119 Resp: 113930  
Ion Ratio Lower Upper  
119 100  
91 62.9 0.0 108.4  
134 25.1 0.0 50.0

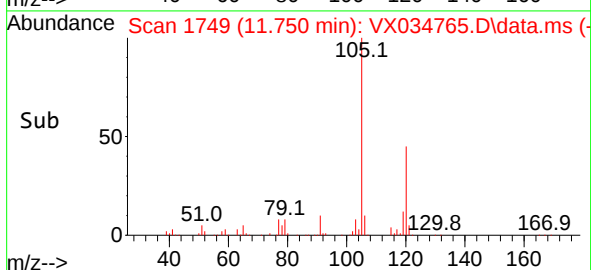
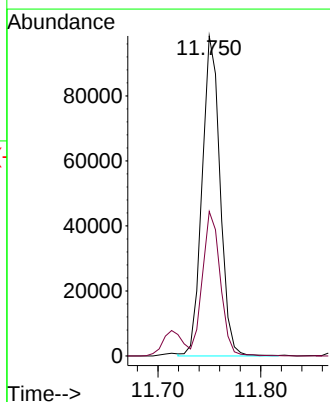
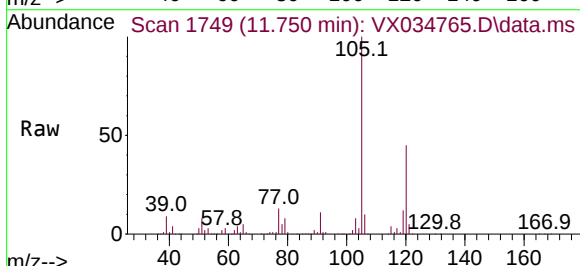
Manual Integrations  
APPROVED

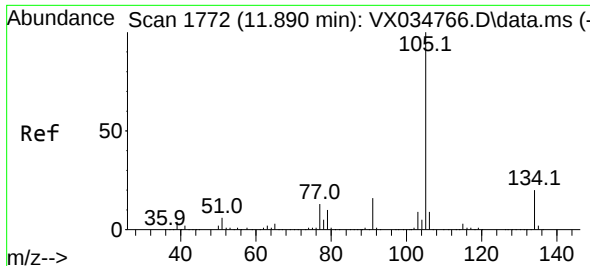
Reviewed By :John Carlone 03/28/2023  
Supervised By :Semsettin Yesilyurt 03/28/2023



#80  
1,2,4-Trimethylbenzene  
Concen: 10.944 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34

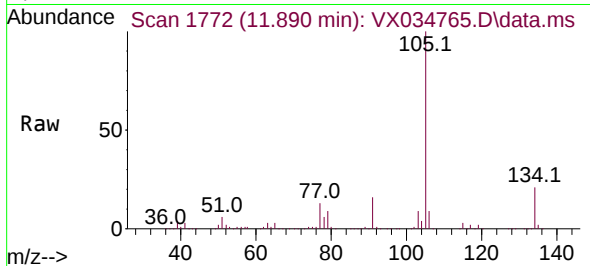
Tgt Ion:105 Resp: 119877  
Ion Ratio Lower Upper  
105 100  
120 44.6 0.0 93.4





#81  
 sec-Butylbenzene  
 Concen: 10.339 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX034765.D  
 Acq: 27 Mar 2023 22:34

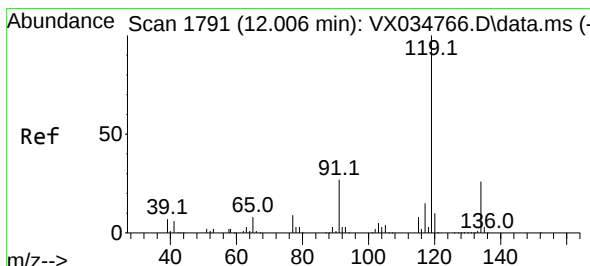
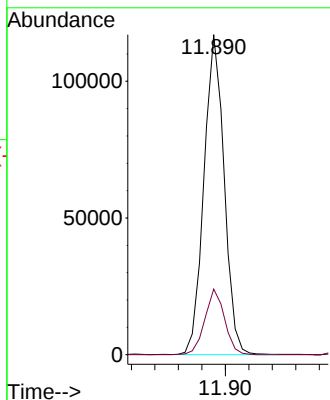
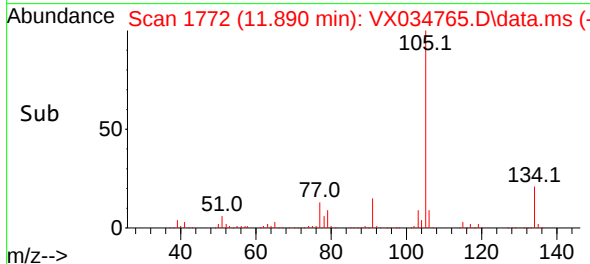
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC010



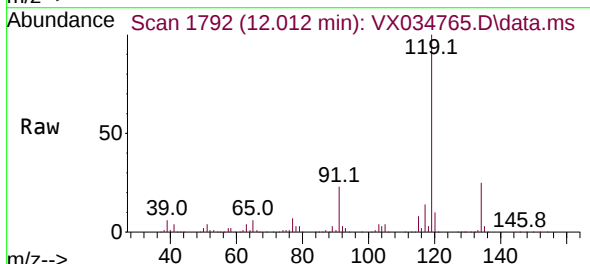
Tgt Ion:105 Resp: 139880  
 Ion Ratio Lower Upper  
 105 100  
 134 20.0 0.0 43.8

Manual Integrations  
 APPROVED

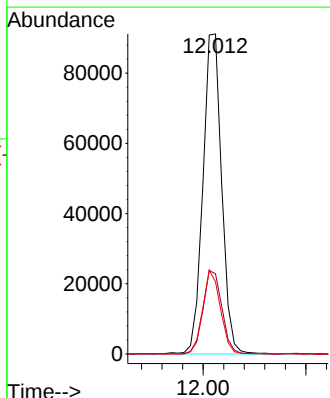
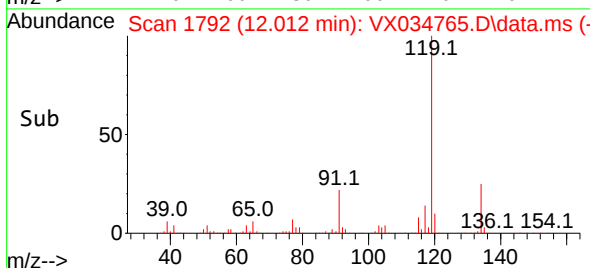
Reviewed By :John Carlone 03/28/2023  
 Supervised By :Semsettin Yesilyurt 03/28/2023

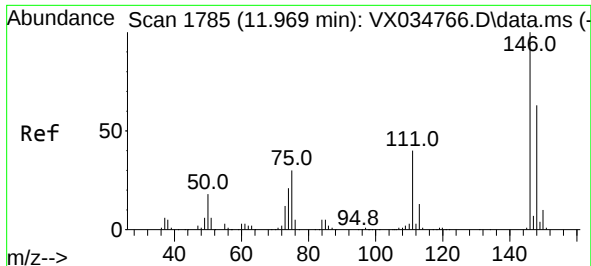


#82  
 p-Isopropyltoluene  
 Concen: 9.927 ug/l  
 RT: 12.012 min Scan# 1792  
 Delta R.T. 0.006 min  
 Lab File: VX034765.D  
 Acq: 27 Mar 2023 22:34



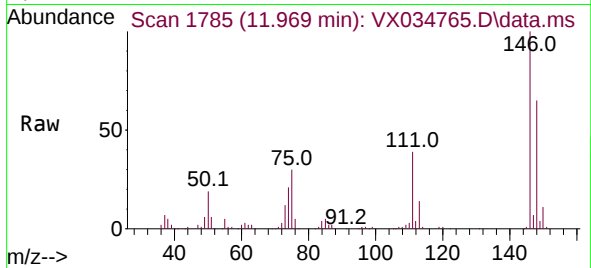
Tgt Ion:119 Resp: 115366  
 Ion Ratio Lower Upper  
 119 100  
 134 26.2 0.0 54.2  
 91 24.7 0.0 41.8





#83  
1,3-Dichlorobenzene  
Concen: 10.063 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. 0.000 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34

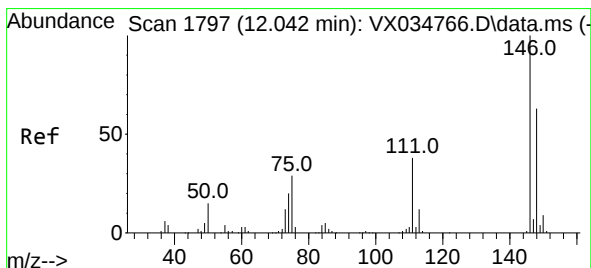
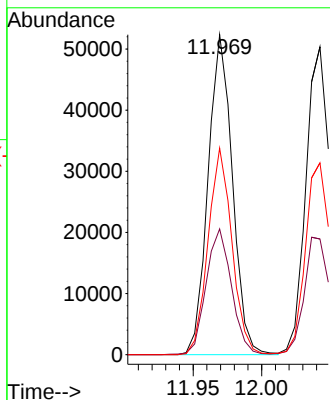
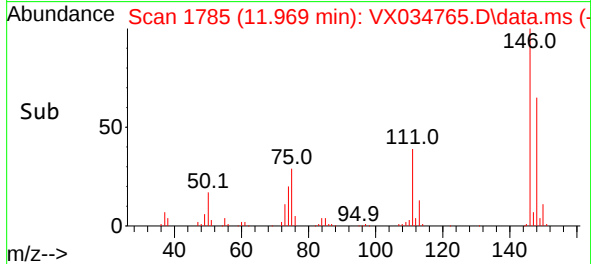
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC010



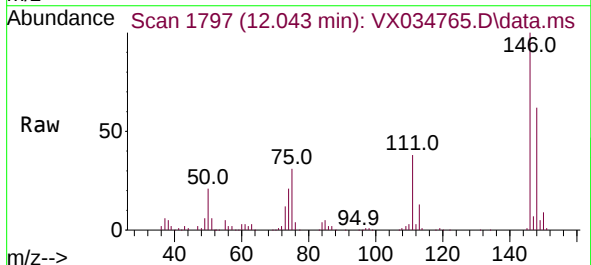
Tgt Ion:146 Resp: 6476  
Ion Ratio Lower Upper  
146 100  
111 40.3 18.4 55.2  
148 63.3 32.1 96.5

Manual Integrations  
APPROVED

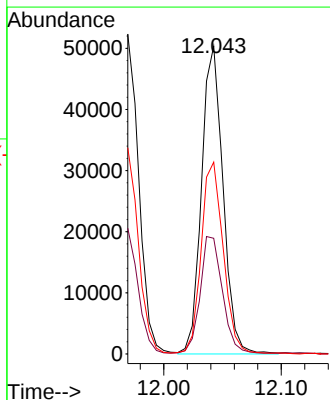
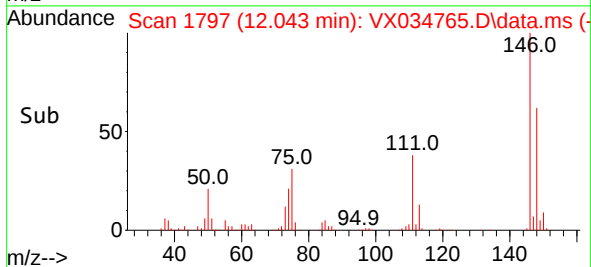
Reviewed By :John Carlone 03/28/2023  
Supervised By :Semsettin Yesilyurt 03/28/2023

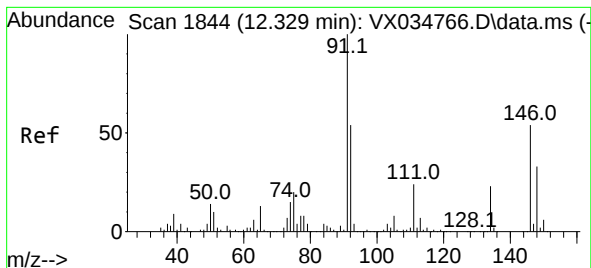


#84  
1,4-Dichlorobenzene  
Concen: 9.911 ug/l  
RT: 12.043 min Scan# 1797  
Delta R.T. 0.000 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34



Tgt Ion:146 Resp: 63921  
Ion Ratio Lower Upper  
146 100  
111 39.4 17.8 53.4  
148 64.3 32.1 96.5





#85

n-Butylbenzene

Concen: 9.812 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX034765.D

Acq: 27 Mar 2023 22:34

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC010

Tgt Ion: 91 Resp: 9382

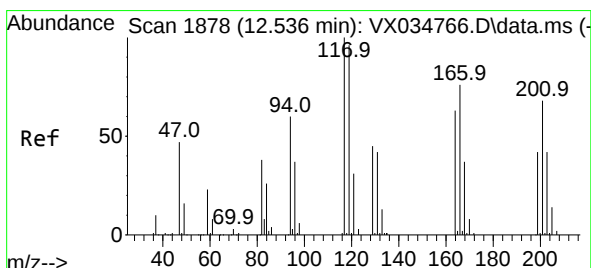
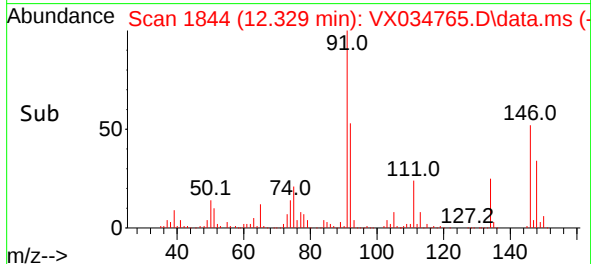
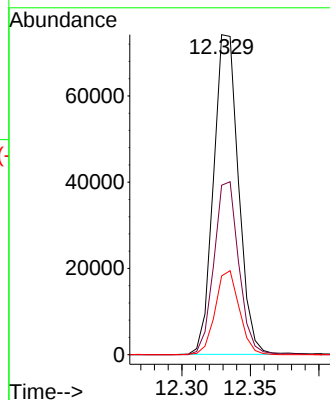
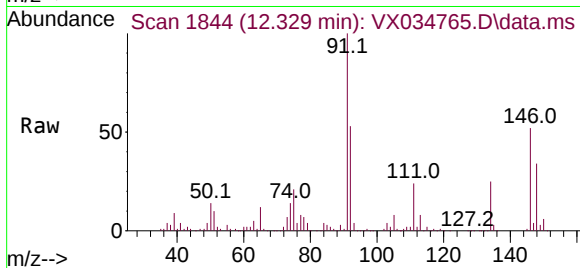
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 53.8  | 0.0   | 109.0 |
| 134 | 25.4  | 0.0   | 57.8  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#86

Hexachloroethane

Concen: 8.844 ug/l

RT: 12.536 min Scan# 1878

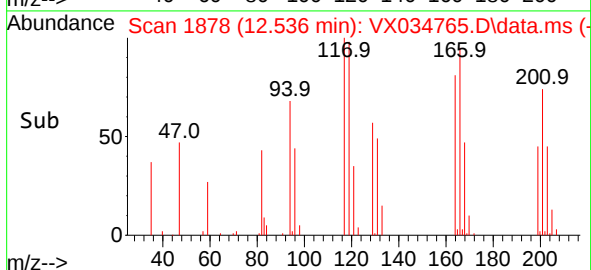
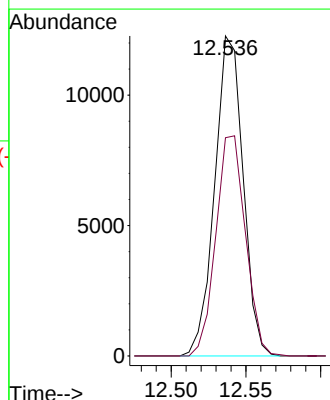
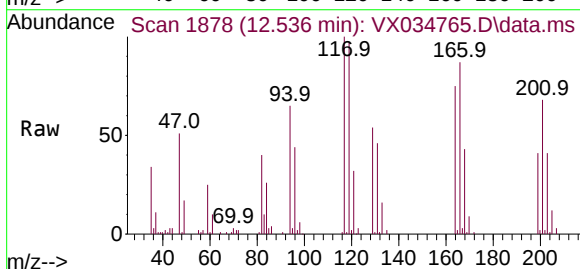
Delta R.T. 0.000 min

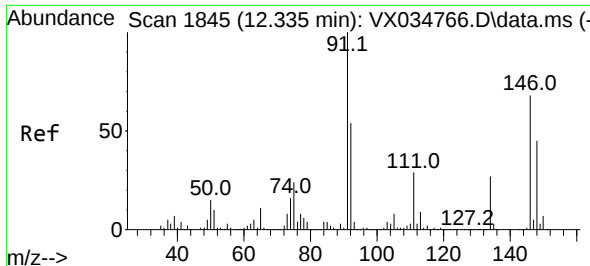
Lab File: VX034765.D

Acq: 27 Mar 2023 22:34

Tgt Ion:117 Resp: 16220

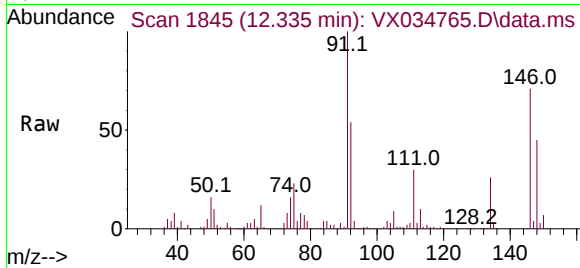
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 201 | 71.8  | 46.3  | 138.8 |





#87  
1,2-Dichlorobenzene  
Concen: 10.475 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34

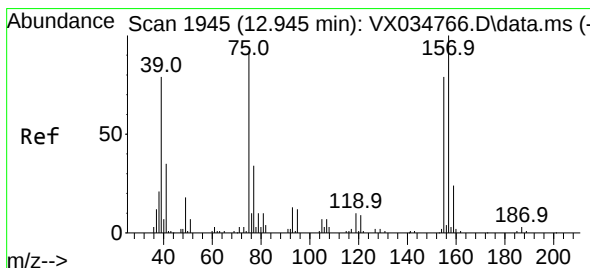
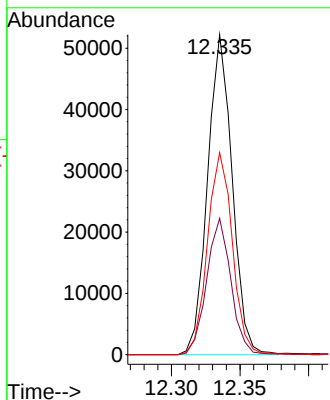
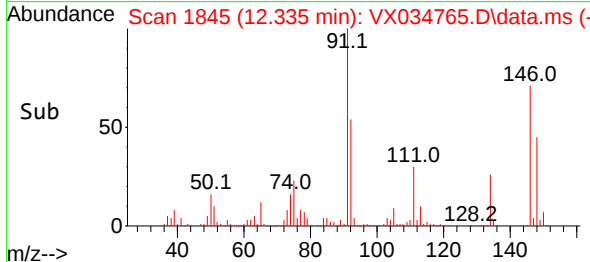
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010



Tgt Ion:146 Resp: 6516  
Ion Ratio Lower Upper  
146 100  
111 42.1 18.8 56.4  
148 63.9 31.7 95.1

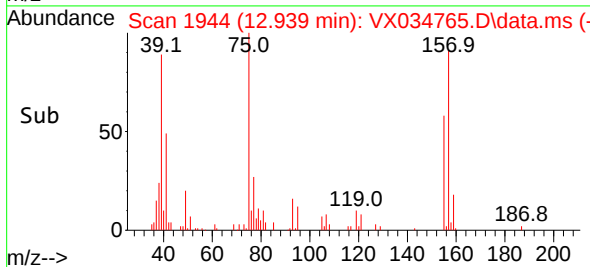
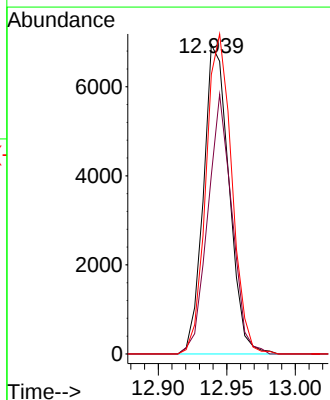
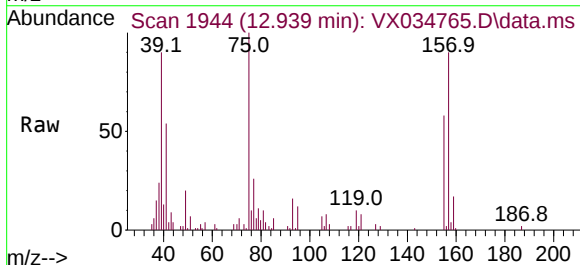
Manual Integrations  
APPROVED

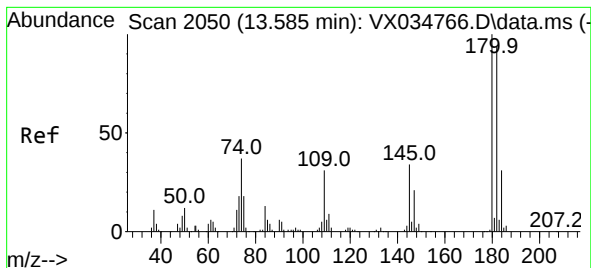
Reviewed By :John Carlone 03/28/2023  
Supervised By :Semsettin Yesilyurt 03/28/2023



#88  
1,2-Dibromo-3-Chloropropane  
Concen: 10.787 ug/l  
RT: 12.939 min Scan# 1944  
Delta R.T. -0.006 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34

Tgt Ion: 75 Resp: 9052  
Ion Ratio Lower Upper  
75 100  
155 78.8 82.6 124.0#  
157 103.8 104.9 157.3#





#89

1,2,4-Trichlorobenzene

Concen: 8.579 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX034765.D

Acq: 27 Mar 2023 22:34

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC010

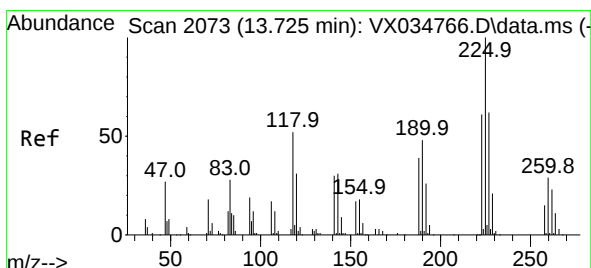
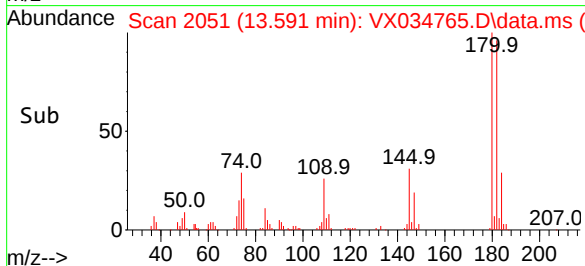
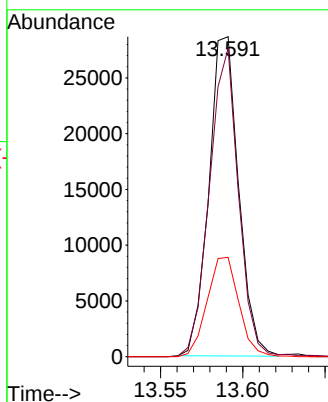
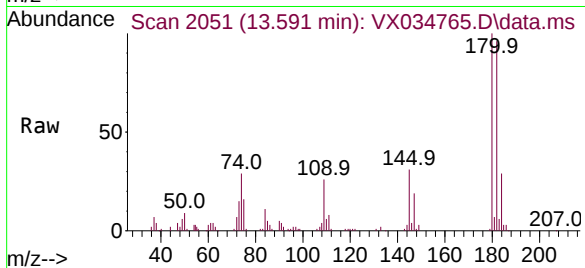
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 3607       |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 93.9  | 76.4 114.6 |
| 145         | 33.2  | 22.9 34.3  |

Manual Integrations

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Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#90

Hexachlorobutadiene

Concen: 7.352 ug/l

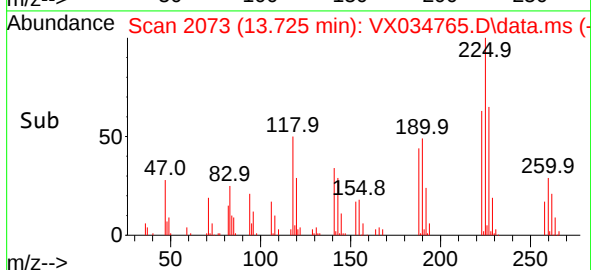
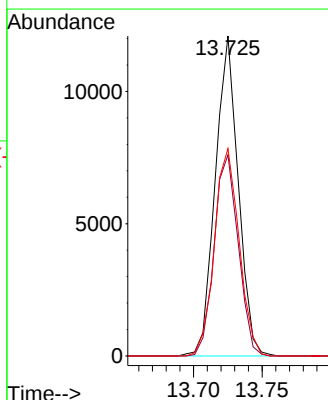
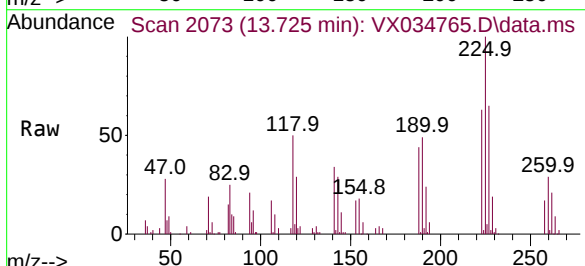
RT: 13.725 min Scan# 2073

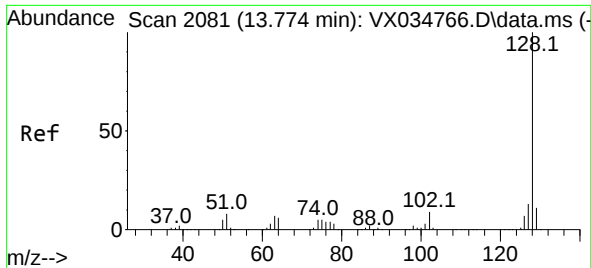
Delta R.T. 0.000 min

Lab File: VX034765.D

Acq: 27 Mar 2023 22:34

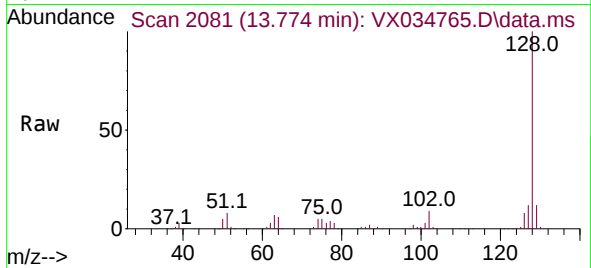
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 14083     |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 65.5  | 0.0 127.6 |
| 227         | 69.6  | 0.0 131.2 |





#91  
Naphthalene  
Concen: 10.425 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. 0.000 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34

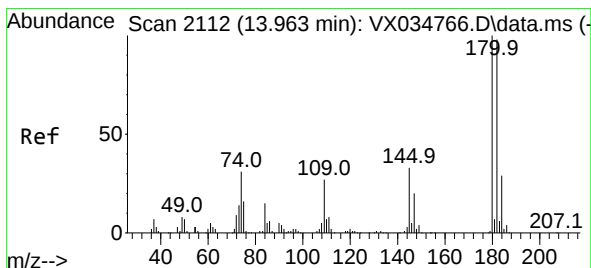
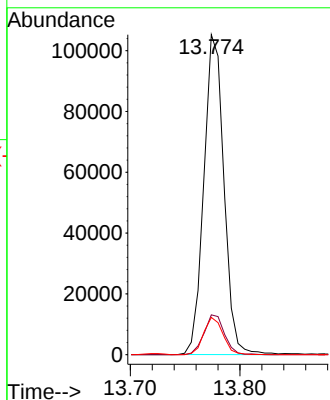
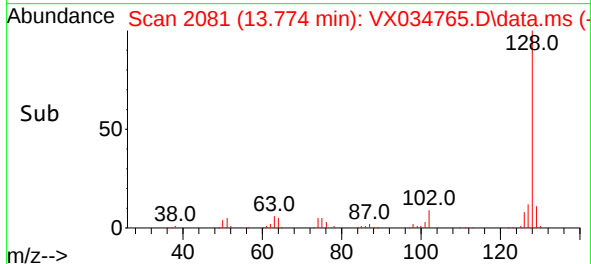
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010



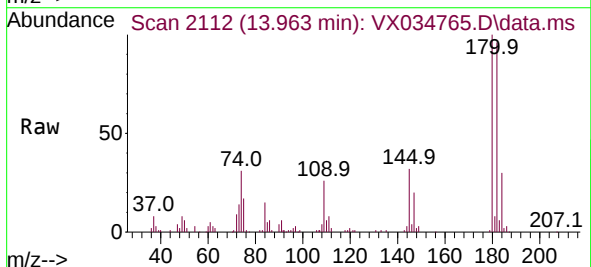
Tgt Ion:128 Resp: 134095  
Ion Ratio Lower Upper  
128 100  
127 12.6 10.1 15.1  
129 11.2 8.9 13.3

Manual Integrations  
APPROVED

Reviewed By :John Carlone 03/28/2023  
Supervised By :Semsettin Yesilyurt 03/28/2023



#92  
1,2,3-Trichlorobenzene  
Concen: 9.283 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. 0.000 min  
Lab File: VX034765.D  
Acq: 27 Mar 2023 22:34



Tgt Ion:180 Resp: 38494  
Ion Ratio Lower Upper  
180 100  
182 94.3 0.0 192.6  
145 33.7 0.0 60.4

