

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX072823\  
 Data File : VX036695.D  
 Acq On : 28 Jul 2023 10:22  
 Operator : JC/MD  
 Sample : VX0728WBSD01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0728WBSD01

Manual Integrations  
 APPROVED

Reviewed By :John  
 Carlone

Quant Time: Jul 28 16:16:00 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X071423W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Jul 14 04:32:22 2023  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Bromochloromethane        | 4.897  | 128   | 30280    | 30.000   | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene      | 6.763  | 114   | 183254   | 30.000   | ug/l   | 0.00     |
| 57) Chlorobenzene-d5         | 10.055 | 117   | 164362   | 30.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 27) 1,2-Dichloroethane-d4    | 5.958  | 65    | 74710    | 29.728   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 110 | Recovery | =      | 99.100%  |
| 60) 4-Bromofluorobenzene     | 11.079 | 95    | 80646    | 30.248   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 63 - 112 | Recovery | =      | 100.833% |
| 63) Toluene-d8               | 8.647  | 98    | 221615   | 29.301   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 112 | Recovery | =      | 97.667%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 39909    | 23.589   | ug/l   | 98       |
| 3) Chloromethane             | 1.301  | 50    | 34916    | 15.085   | ug/l   | 92       |
| 4) Vinyl Chloride            | 1.374  | 62    | 38951    | 16.320   | ug/l   | 99       |
| 5) Bromomethane              | 1.599  | 94    | 24600m   | 10.064   | ug/l   |          |
| 6) Chloroethane              | 1.685  | 64    | 22883    | 14.086   | ug/l   | 98       |
| 7) Trichlorofluoromethane    | 1.886  | 101   | 63724    | 16.457   | ug/l   | 98       |
| 8) Diethyl Ether             | 2.136  | 74    | 22693    | 14.105   | ug/l   | 88       |
| 9) 1,1,2-Trichlorotrifluo... | 2.325  | 101   | 36739    | 20.956   | ug/l   | 98       |
| 10) 1,1-Dichloroethene       | 2.319  | 96    | 35595    | 20.088   | ug/l   | 96       |
| 11) Methyl Iodide            | 2.453  | 142   | 38801    | 19.216   | ug/l   | 99       |
| 12) Methyl Acetate           | 2.703  | 43    | 80736    | 19.384   | ug/l   | 97       |
| 13) Acrolein                 | 2.233  | 56    | 40446    | 118.372  | ug/l   | 97       |
| 14) Acrylonitrile            | 3.062  | 53    | 112015   | 95.945   | ug/l   | 98       |
| 15) Acetone                  | 2.380  | 58    | 33327    | 100.828  | ug/l   | 94       |
| 16) Carbon Disulfide         | 2.508  | 76    | 95046    | 22.109   | ug/l   | 100      |
| 17) Allyl chloride           | 2.660  | 41    | 64897    | 20.646   | ug/l   | 94       |
| 18) Methylene Chloride       | 2.788  | 84    | 39924    | 18.712   | ug/l   | 99       |
| 19) trans-1,2-Dichloroethene | 3.087  | 96    | 39673    | 20.484   | ug/l   | 98       |
| 20) Diisopropyl ether        | 3.764  | 45    | 126496   | 19.745   | ug/l # | 97       |
| 21) 1,1-Dichloroethane       | 3.605  | 63    | 73174    | 19.591   | ug/l   | 99       |
| 22) cis-1,2-Dichloroethene   | 4.489  | 96    | 46942    | 20.138   | ug/l   | 98       |
| 23) tert-Butyl Alcohol       | 2.959  | 59    | 60434    | 111.471  | ug/l # | 1        |
| 24) Methyl tert-Butyl Ether  | 3.111  | 73    | 131945   | 20.476   | ug/l   | 100      |
| 25) Chloroform               | 5.093  | 83    | 75959    | 19.671   | ug/l   | 97       |
| 26) Cyclohexane              | 5.464  | 56    | 62803    | 21.917   | ug/l # | 98       |
| 29) 1,1-Dichloropropene      | 5.690  | 75    | 56195    | 20.335   | ug/l   | 99       |
| 30) 2-Butanone               | 4.556  | 43    | 163906   | 94.201   | ug/l   | 100      |
| 31) 2,2-Dichloropropane      | 4.471  | 77    | 67854    | 22.391   | ug/l   | 98       |
| 32) 1,1,1-Trichloroethane    | 5.379  | 97    | 69172    | 21.066   | ug/l   | 99       |
| 33) Carbon Tetrachloride     | 5.678  | 117   | 59421    | 21.211   | ug/l   | 96       |
| 34) Benzene                  | 6.037  | 78    | 163094   | 19.147   | ug/l   | 98       |
| 35) Methacrylonitrile        | 4.916  | 41    | 33251    | 18.419   | ug/l   | 99       |
| 36) 1,2-Dichloroethane       | 6.086  | 62    | 59617    | 18.228   | ug/l   | 97       |
| 37) Trichloroethene          | 7.123  | 130   | 42919    | 19.145   | ug/l   | 98       |
| 38) Methylcyclohexane        | 7.385  | 83    | 69945    | 21.757   | ug/l   | 98       |
| 39) 1,2-Dichloropropane      | 7.427  | 63    | 42559    | 18.432   | ug/l   | 97       |
| 40) Dibromomethane           | 7.580  | 93    | 30464    | 18.215   | ug/l   | 99       |
| 41) Bromodichloromethane     | 7.824  | 83    | 61352    | 20.213   | ug/l   | 100      |
| 42) Vinyl Acetate            | 3.721  | 43    | 502554   | 95.623   | ug/l   | 98       |

07/28/2023  
 Supervised By :Mahesh  
 adoda

07/31/2023

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 Acq On : 28 Jul 2023 10:22  
 Operator : JC/MD  
 Sample : VX0728WBSD01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0728WBSD01

Manual Integrations  
 APPROVED

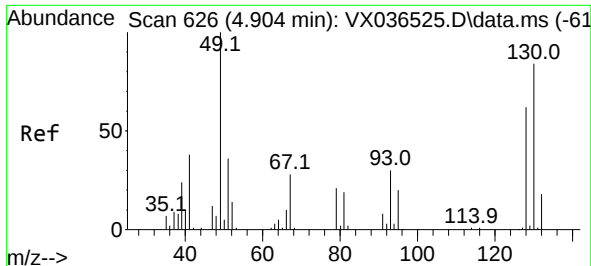
Reviewed By :John  
 Carlone

Quant Time: Jul 28 16:16:00 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X071423W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Jul 14 04:32:22 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 43) Ethyl Acetate             | 4.715  | 43   | 64105    | 18.927  | ug/l   | 97       |
| 44) Isopropyl Acetate         | 6.342  | 43   | 103887   | 19.234  | ug/l   | 98       |
| 45) 1,4-Dioxane               | 7.659  | 88   | 22485    | 366.741 | ug/l # | 1        |
| 46) Methyl methacrylate       | 7.696  | 41   | 48605    | 18.828  | ug/l   | 93       |
| 47) n-amyl Acetate            | 10.841 | 43   | 87708    | 19.145  | ug/l   | 99       |
| 48) t-1,3-Dichloropropene     | 8.976  | 75   | 68480    | 20.570  | ug/l   | 97       |
| 49) cis-1,3-Dichloropropene   | 8.366  | 75   | 72384    | 20.128  | ug/l   | 99       |
| 50) 1,1,2-Trichloroethane     | 9.153  | 97   | 41768    | 18.397  | ug/l   | 95       |
| 51) Ethyl methacrylate        | 9.116  | 69   | 69890    | 19.608  | ug/l   | 98       |
| 52) 1,3-Dichloropropane       | 9.305  | 76   | 71190    | 18.581  | ug/l   | 97       |
| 53) Dibromochloromethane      | 9.519  | 129  | 46291    | 20.201  | ug/l   | 98       |
| 54) 1,2-Dibromoethane         | 9.610  | 107  | 45684    | 19.155  | ug/l   | 99       |
| 55) 2-Chloroethyl vinyl ether | 8.238  | 63   | 167107   | 87.173  | ug/l   | 98       |
| 56) Bromoform                 | 10.799 | 173  | 33402    | 20.951  | ug/l   | 99       |
| 58) 4-Methyl-2-Pentanone      | 8.574  | 43   | 309907   | 91.182  | ug/l   | 96       |
| 59) 2-Hexanone                | 9.427  | 43   | 238641   | 92.294  | ug/l   | 98       |
| 61) Tetrachloroethene         | 9.275  | 164  | 37091    | 18.841  | ug/l   | 99       |
| 62) Toluene                   | 8.720  | 91   | 175739   | 19.056  | ug/l   | 96       |
| 64) Chlorobenzene             | 10.079 | 112  | 107727   | 18.764  | ug/l   | 99       |
| 65) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 42252    | 20.377  | ug/l   | 99       |
| 66) Ethyl Benzene             | 10.195 | 91   | 196540   | 19.610  | ug/l   | 97       |
| 67) m/p-Xylenes               | 10.299 | 106  | 151989   | 38.899  | ug/l   | 98       |
| 68) o-Xylene                  | 10.640 | 106  | 73214    | 18.880  | ug/l   | 95       |
| 69) Styrene                   | 10.653 | 104  | 120778   | 19.210  | ug/l   | 98       |
| 70) Isopropylbenzene          | 10.963 | 105  | 193976   | 20.084  | ug/l   | 97       |
| 71) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 65218    | 18.501  | ug/l   | 99       |
| 72) 1,2,3-Trichloropropane    | 11.238 | 75   | 54150m   | 16.577  | ug/l   |          |
| 73) Bromobenzene              | 11.195 | 156  | 43790    | 18.342  | ug/l   | 99       |
| 74) n-propylbenzene           | 11.305 | 91   | 226470   | 19.922  | ug/l   | 99       |
| 75) 2-Chlorotoluene           | 11.366 | 91   | 135721   | 19.633  | ug/l   | 99       |
| 76) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 162995   | 19.639  | ug/l   | 99       |
| 77) t-1,4-Dichloro-2-butene   | 11.018 | 75   | 22725    | 21.185  | ug/l   | 87       |
| 78) 4-Chlorotoluene           | 11.457 | 91   | 151086   | 19.195  | ug/l   | 99       |
| 79) tert-butylbenzene         | 11.713 | 119  | 158259   | 20.090  | ug/l   | 98       |
| 80) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 159515   | 19.397  | ug/l   | 100      |
| 81) sec-Butylbenzene          | 11.890 | 105  | 201667   | 20.339  | ug/l   | 98       |
| 82) p-Isopropyltoluene        | 12.006 | 119  | 166063   | 20.131  | ug/l   | 99       |
| 83) 1,3-Dichlorobenzene       | 11.969 | 146  | 82010    | 18.467  | ug/l   | 99       |
| 84) 1,4-Dichlorobenzene       | 12.043 | 146  | 83912    | 18.962  | ug/l   | 98       |
| 85) n-Butylbenzene            | 12.329 | 91   | 144012   | 19.178  | ug/l   | 98       |
| 86) Hexachloroethane          | 12.536 | 117  | 32024    | 23.448  | ug/l   | 96       |
| 87) 1,2-Dichlorobenzene       | 12.335 | 146  | 80003    | 17.961  | ug/l   | 98       |
| 88) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 14786    | 18.654  | ug/l   | 96       |
| 89) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 49786    | 17.724  | ug/l   | 99       |
| 90) Hexachlorobutadiene       | 13.725 | 225  | 20122    | 19.722  | ug/l   | 97       |
| 91) Naphthalene               | 13.774 | 128  | 172422   | 17.494  | ug/l   | 100      |
| 92) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 49226    | 17.362  | ug/l   | 99       |

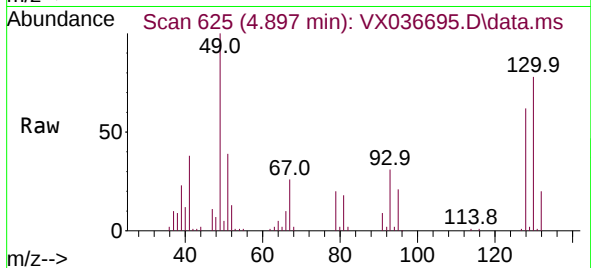
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 4.897 min Scan# 61  
Delta R.T. -0.007 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22

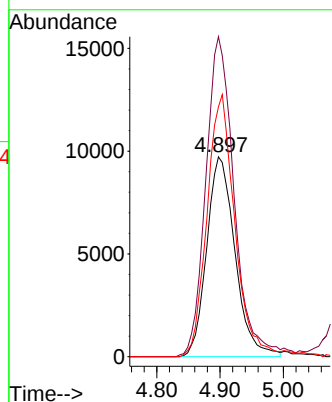
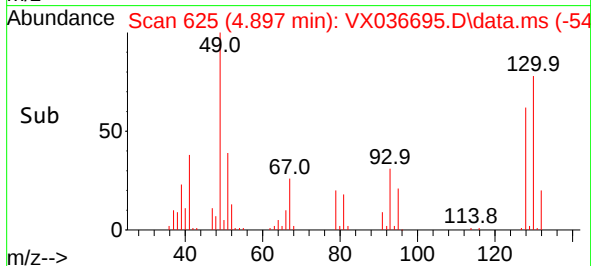
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0728WBSD01



Tgt Ion:128 Resp: 30280  
Ion Ratio Lower Upper  
128 100  
49 159.2 0.0 406.3  
130 128.2 0.0 328.0

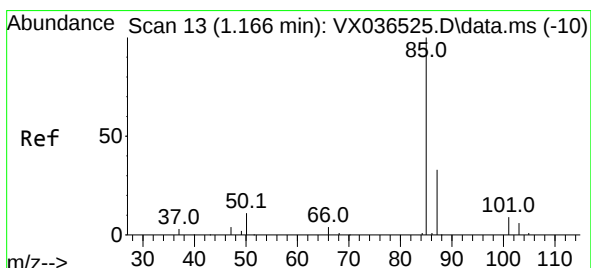
Manual Integrations  
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Reviewed By :John  
Carlone



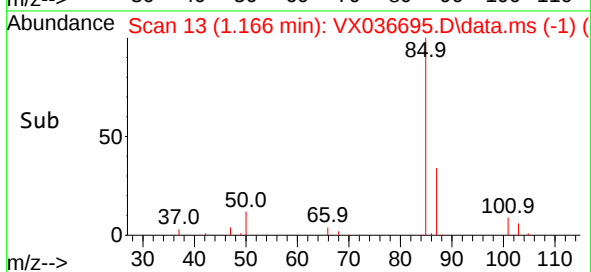
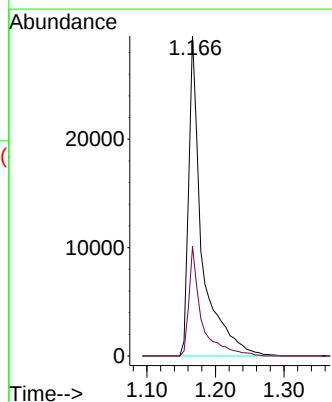
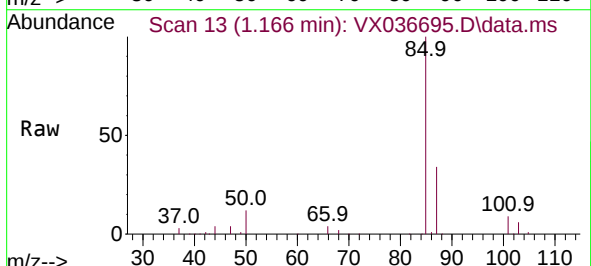
07/28/2023  
Supervised By :Mahesh  
Dadoda

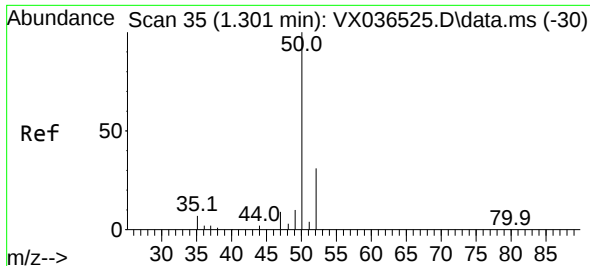
07/31/2023



#2  
Dichlorodifluoromethane  
Concen: 23.589 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22

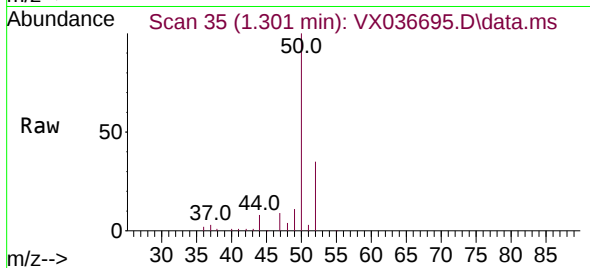
Tgt Ion: 85 Resp: 39909  
Ion Ratio Lower Upper  
85 100  
87 34.3 16.4 49.4





#3  
Chloromethane  
Concen: 15.085 ug/l  
RT: 1.301 min Scan# 35  
Delta R.T. -0.000 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22

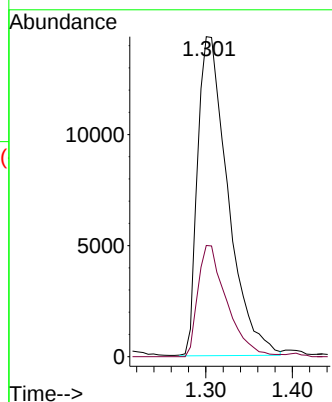
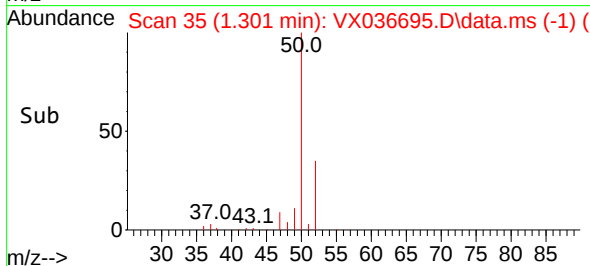
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0728WBSD01



Tgt Ion: 50 Resp: 34910  
Ion Ratio Lower Upper  
50 100  
52 34.9 24.5 36.7

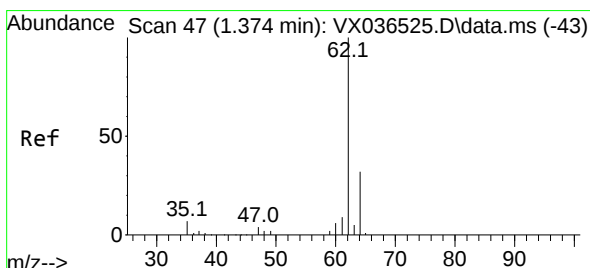
Manual Integrations  
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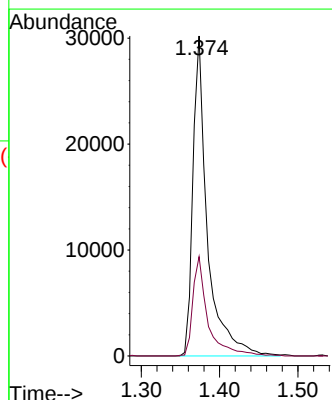
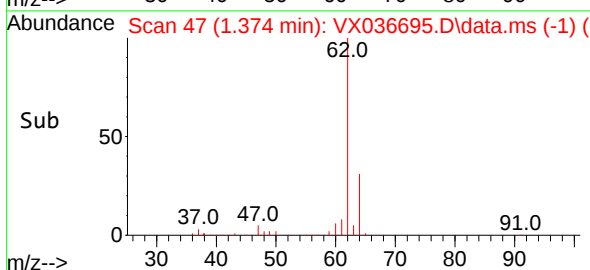
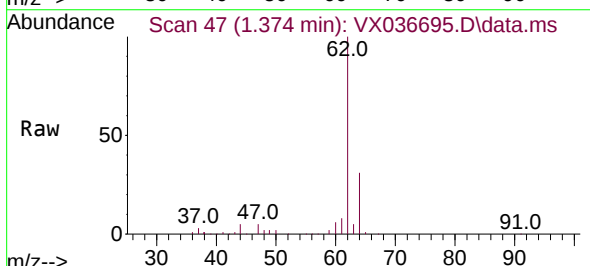
07/28/2023  
Supervised By :Mahesh  
Dadoda

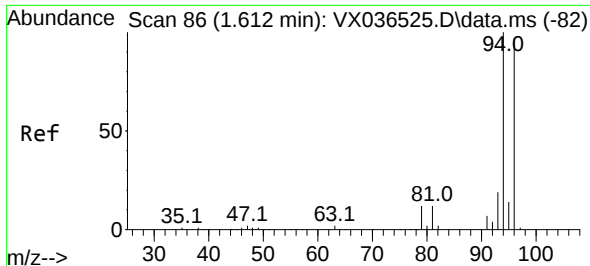
07/31/2023



#4  
Vinyl Chloride  
Concen: 16.320 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22

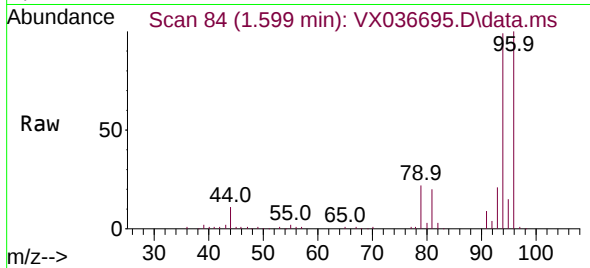
Tgt Ion: 62 Resp: 38951  
Ion Ratio Lower Upper  
62 100  
64 30.9 25.3 37.9





#5  
Bromomethane  
Concen: 10.064 ug/l m  
RT: 1.599 min Scan# 84  
Delta R.T. -0.012 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22

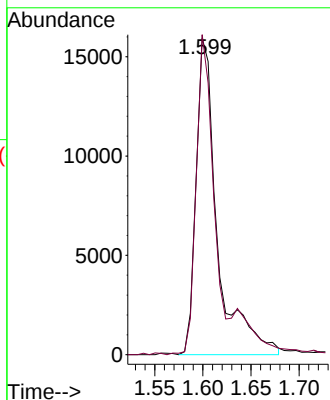
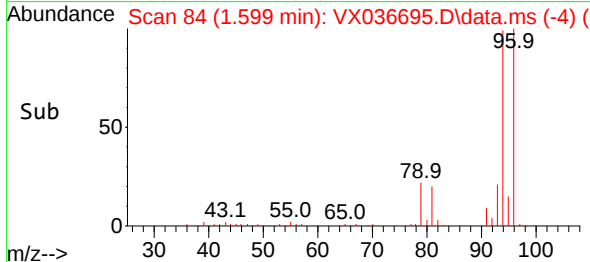
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0728WBSD01



Tgt Ion: 94 Resp: 24600  
Ion Ratio Lower Upper  
94 100  
96 101.1 77.4 116.2

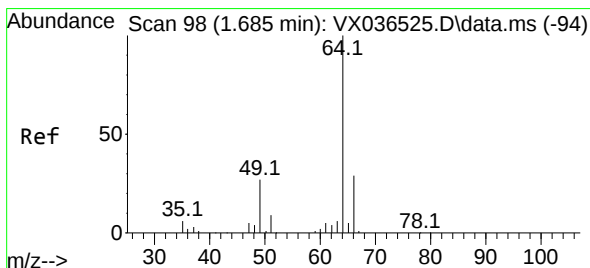
Manual Integrations  
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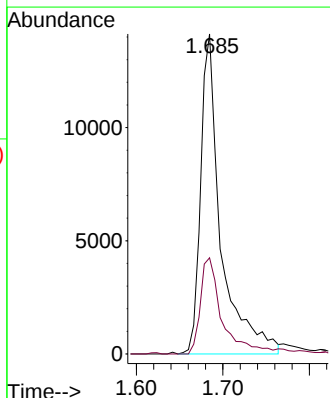
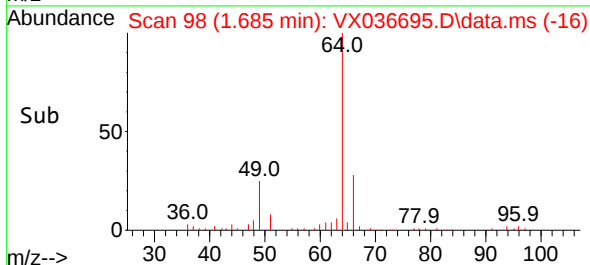
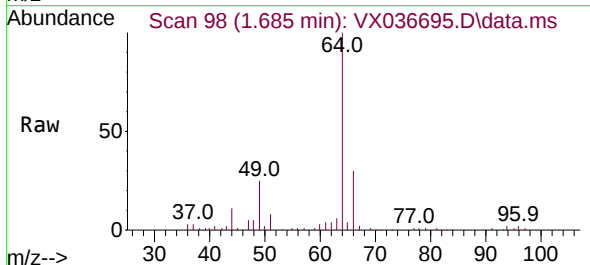
07/28/2023  
Supervised By :Mahesh  
Dadoda

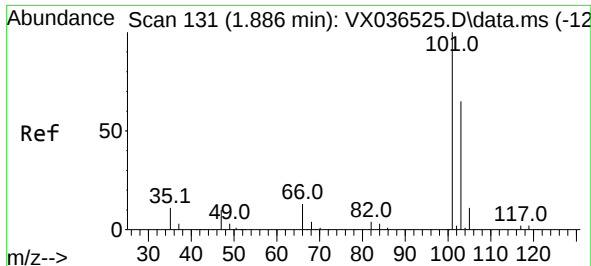
07/31/2023



#6  
Chloroethane  
Concen: 14.086 ug/l  
RT: 1.685 min Scan# 98  
Delta R.T. -0.000 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22

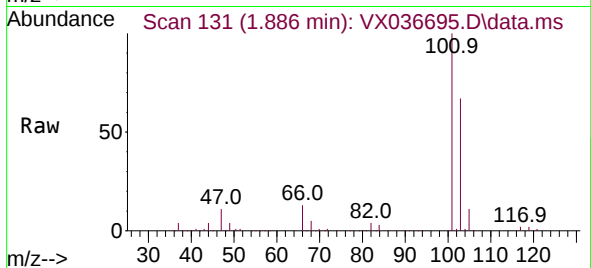
Tgt Ion: 64 Resp: 22883  
Ion Ratio Lower Upper  
64 100  
66 30.0 23.1 34.7





#7  
Trichlorofluoromethane  
Concen: 16.457 ug/l  
RT: 1.886 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22

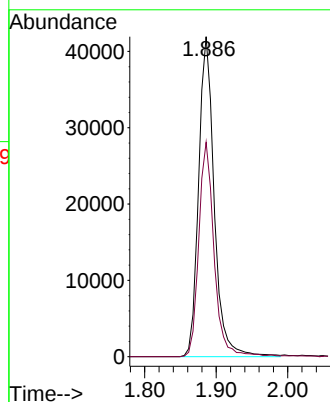
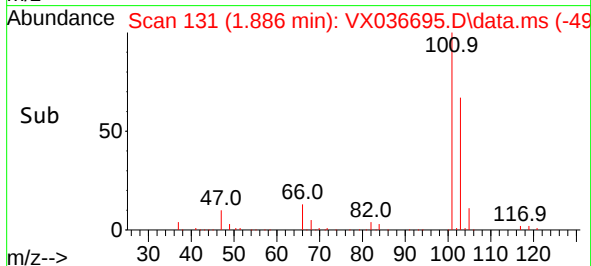
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0728WBSD01



Tgt Ion:101 Resp: 63724  
Ion Ratio Lower Upper  
101 100  
103 67.0 52.2 78.2

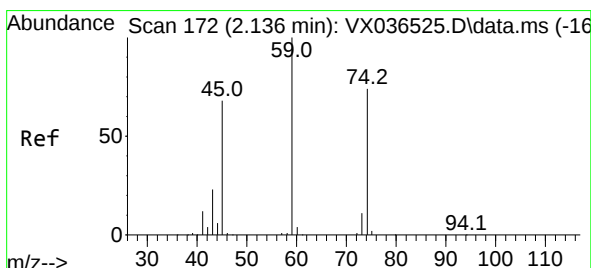
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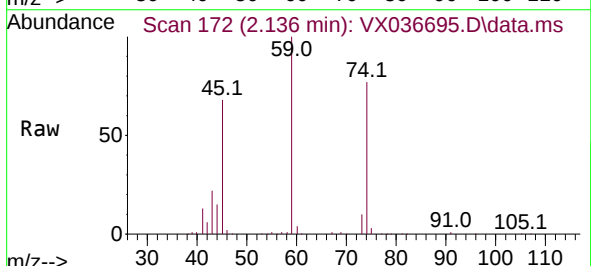


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Supervised By :Mahesh  
Dadoda

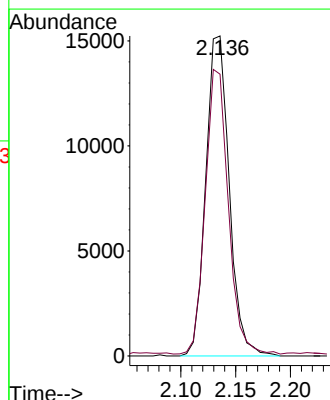
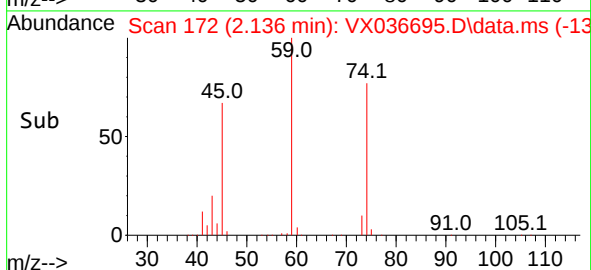
07/31/2023

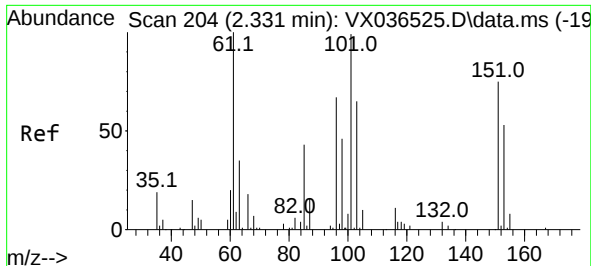


#8  
Diethyl Ether  
Concen: 14.105 ug/l  
RT: 2.136 min Scan# 172  
Delta R.T. -0.000 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22



Tgt Ion: 74 Resp: 22693  
Ion Ratio Lower Upper  
74 100  
45 87.3 19.9 178.9





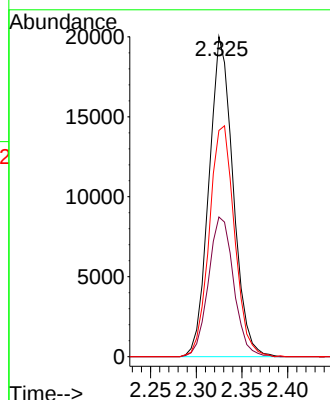
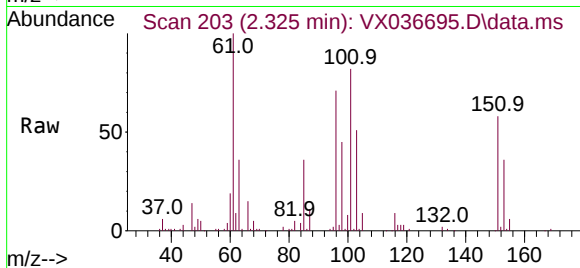
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.956 ug/l  
RT: 2.325 min Scan# 204  
Delta R.T. -0.006 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22

Instrument :  
MSVOA\_X  
Client Sample Id :  
VX0728WBSD01

Tgt Ion:101 Resp: 36739  
Ion Ratio Lower Upper  
101 100  
85 45.5 0.0 91.0  
151 75.4 0.0 155.4

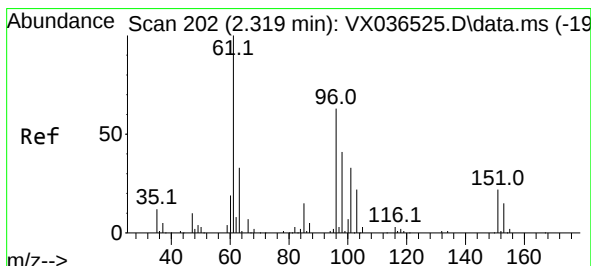
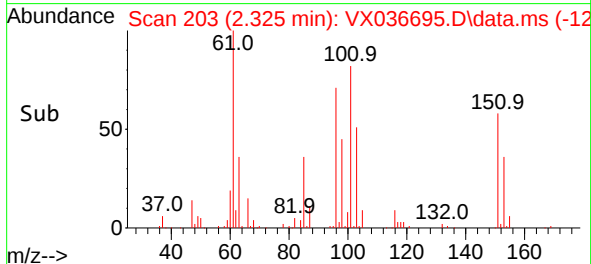
Manual Integrations  
APPROVED

Reviewed By :John  
Carlone



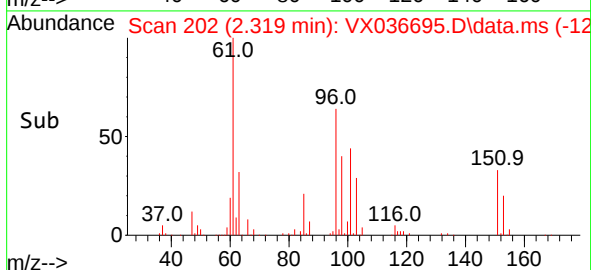
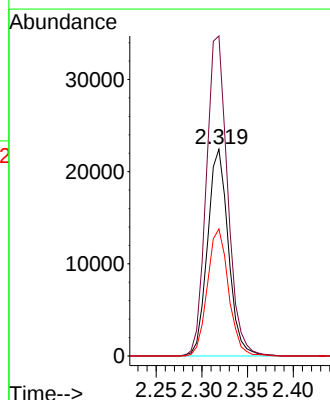
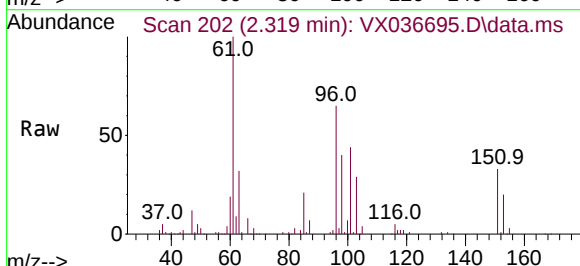
07/28/2023  
Supervised By :Mahesh  
Dadoda

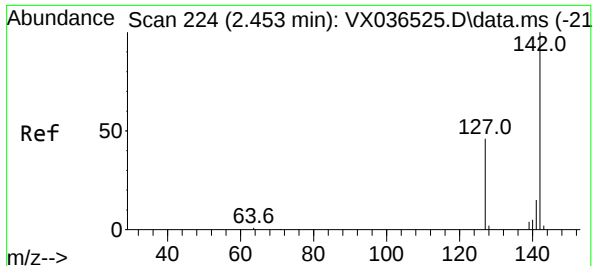
07/31/2023



#10  
1,1-Dichloroethene  
Concen: 20.088 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. -0.000 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22

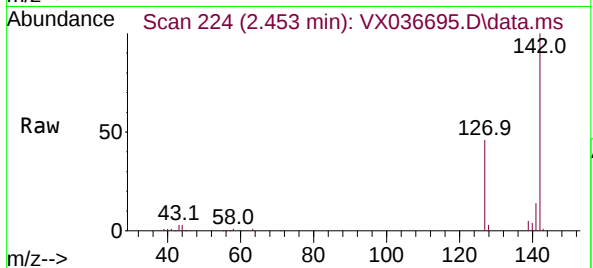
Tgt Ion: 96 Resp: 35595  
Ion Ratio Lower Upper  
96 100  
61 154.8 127.2 190.8  
98 61.5 52.7 79.1





#11  
Methyl Iodide  
Concen: 19.216 ug/l  
RT: 2.453 min Scan# 211  
Delta R.T. -0.000 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22

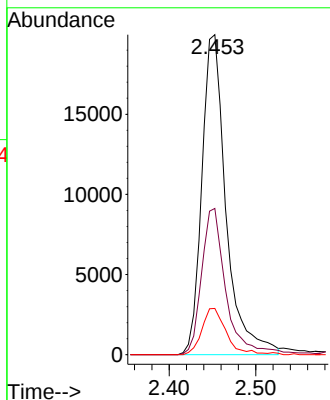
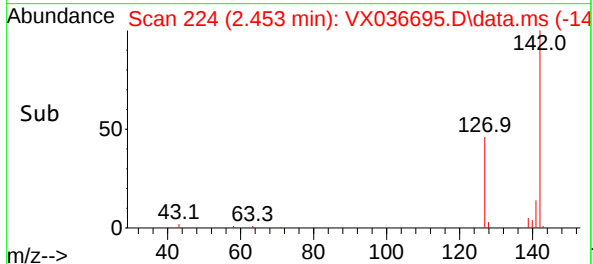
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0728WBSD01



Tgt Ion:142 Resp: 3880  
Ion Ratio Lower Upper  
142 100  
127 45.4 22.9 68.8  
141 14.4 7.5 22.6

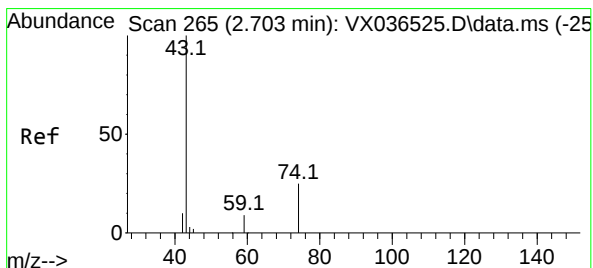
Manual Integrations  
APPROVED

Reviewed By :John  
Carlone

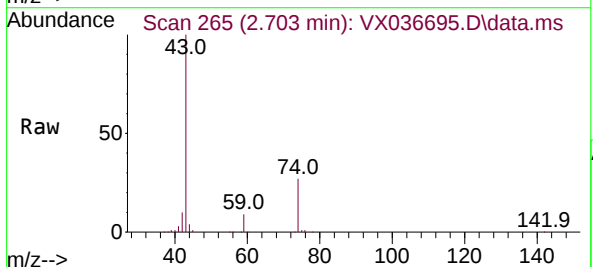


07/28/2023  
Supervised By :Mahesh  
Dadoda

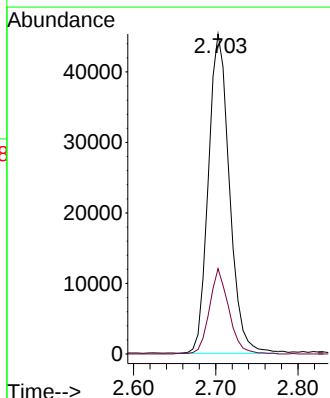
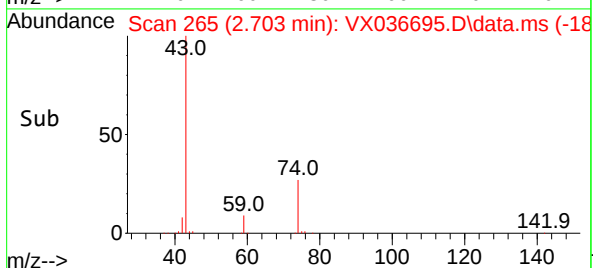
07/31/2023

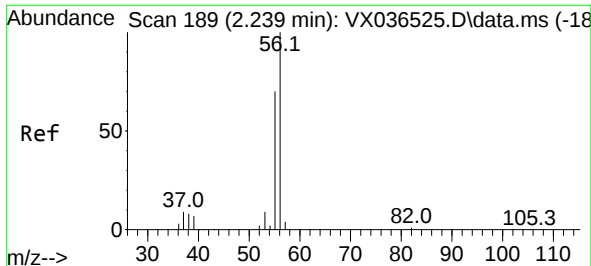


#12  
Methyl Acetate  
Concen: 19.384 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. -0.000 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22



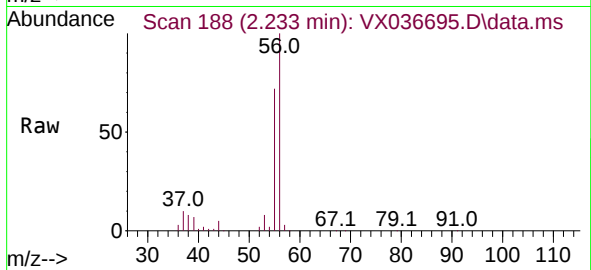
Tgt Ion: 43 Resp: 80736  
Ion Ratio Lower Upper  
43 100  
74 26.7 20.3 30.5





#13  
Acrolein  
Concen: 118.372 ug/l  
RT: 2.233 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22

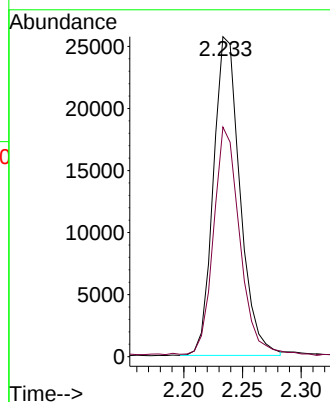
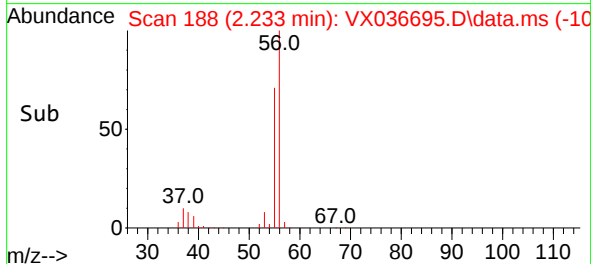
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0728WBSD01



Tgt Ion: 56 Resp: 40440  
Ion Ratio Lower Upper  
56 100  
55 72.1 59.7 89.5

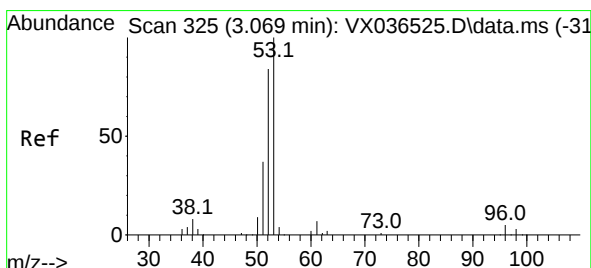
Manual Integrations  
APPROVED

Reviewed By :John  
Carlone



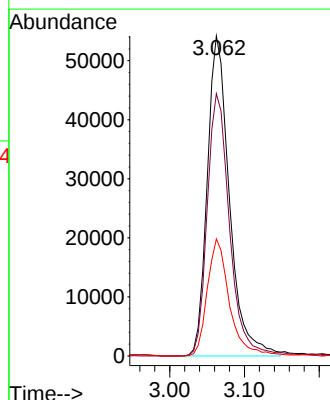
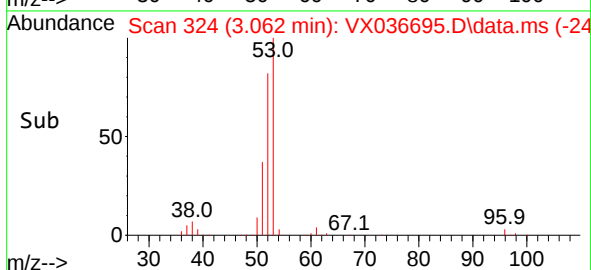
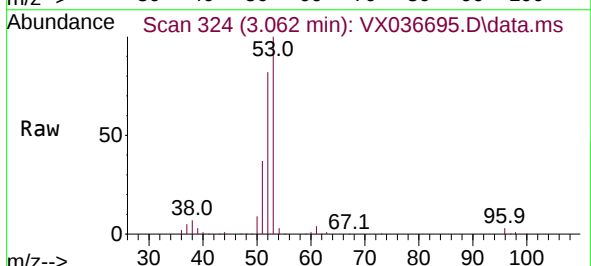
07/28/2023  
Supervised By :Mahesh  
Dadoda

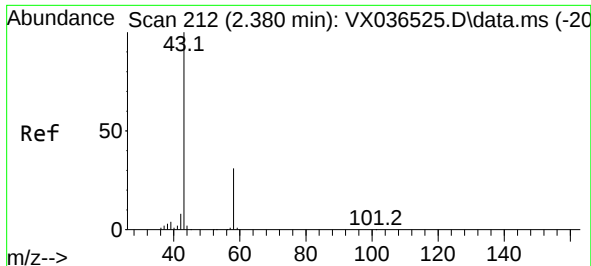
07/31/2023



#14  
Acrylonitrile  
Concen: 95.945 ug/l  
RT: 3.062 min Scan# 324  
Delta R.T. -0.006 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22

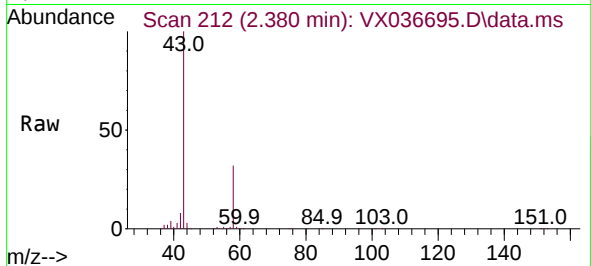
Tgt Ion: 53 Resp: 112015  
Ion Ratio Lower Upper  
53 100  
52 82.6 40.0 119.9  
51 36.5 18.2 54.6





#15  
Acetone  
Concen: 100.828 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.000 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22

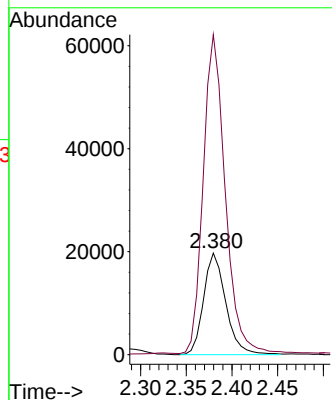
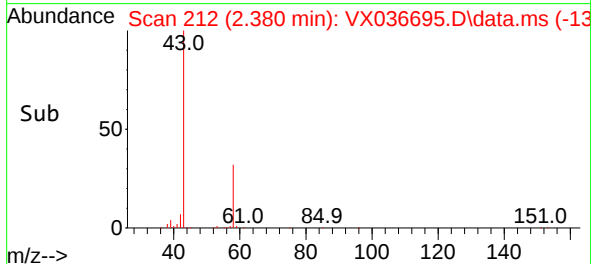
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0728WBSD01



Tgt Ion: 58 Resp: 3332  
Ion Ratio Lower Upper  
58 100  
43 313.7 261.0 391.4

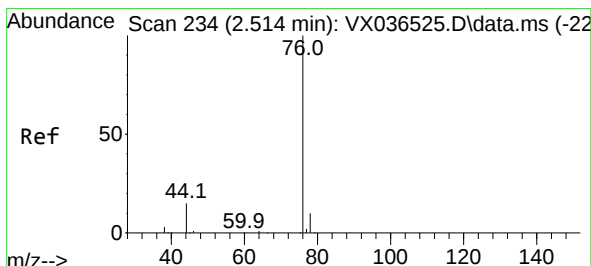
Manual Integrations  
APPROVED

Reviewed By :John  
Carlone



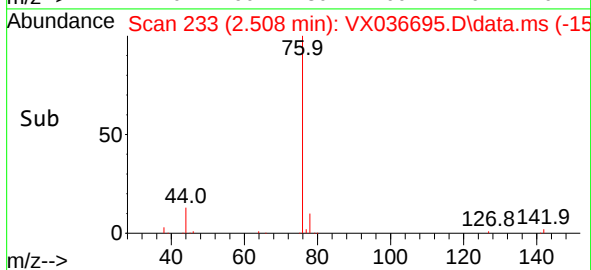
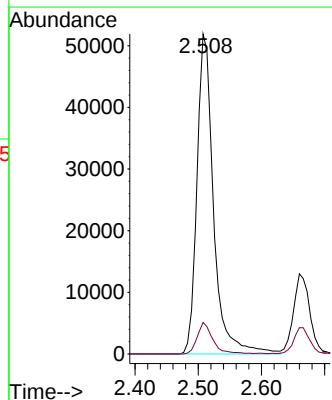
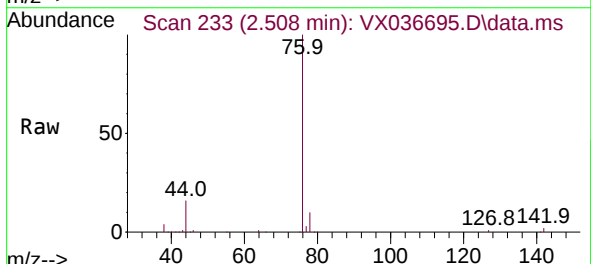
07/28/2023  
Supervised By :Mahesh  
Dadoda

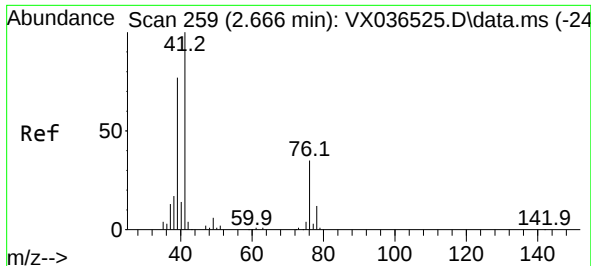
07/31/2023



#16  
Carbon Disulfide  
Concen: 22.109 ug/l  
RT: 2.508 min Scan# 233  
Delta R.T. -0.006 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22

Tgt Ion: 76 Resp: 95046  
Ion Ratio Lower Upper  
76 100  
78 9.9 8.0 12.0





#17

Allyl chloride

Concen: 20.646 ug/l

RT: 2.660 min Scan# 259

Delta R.T. -0.006 min

Lab File: VX036695.D

Acq: 28 Jul 2023 10:22

Instrument :

MSVOA\_X

ClientSampleId :

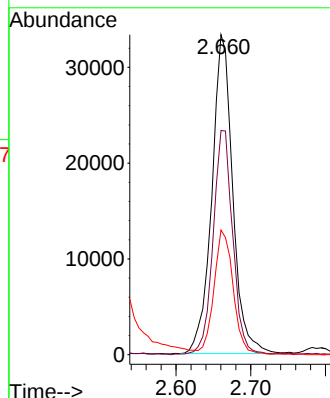
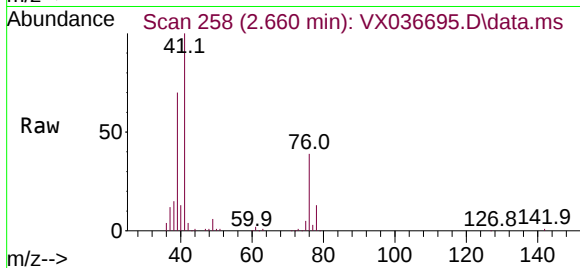
VX0728WBSD01

Tgt Ion: 41 Resp: 6489

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 70.1  | 38.5  | 115.3 |
| 76  | 38.9  | 18.6  | 55.8  |

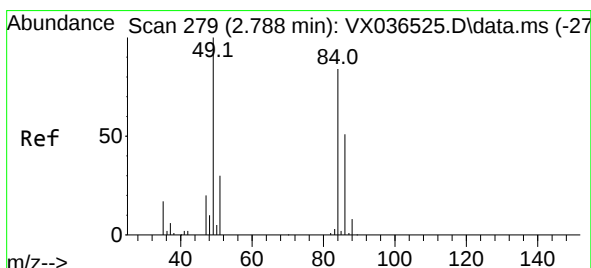
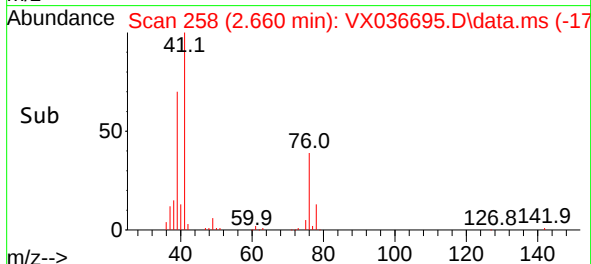
Manual Integrations  
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Carlone



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#18

Methylene Chloride

Concen: 18.712 ug/l

RT: 2.788 min Scan# 279

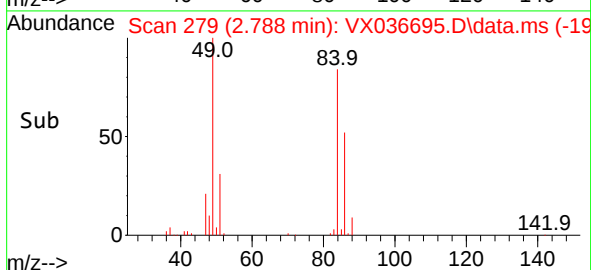
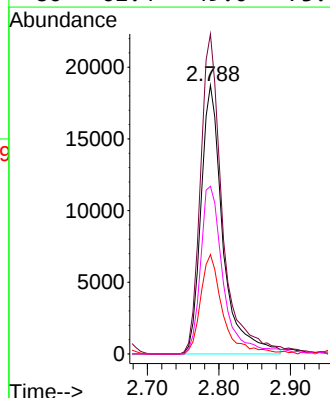
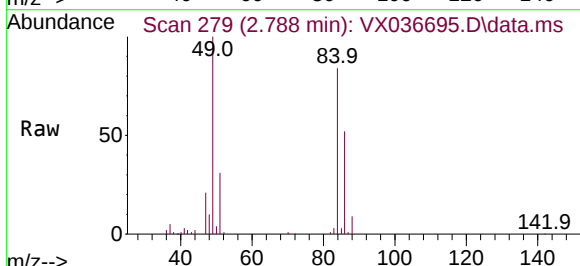
Delta R.T. -0.000 min

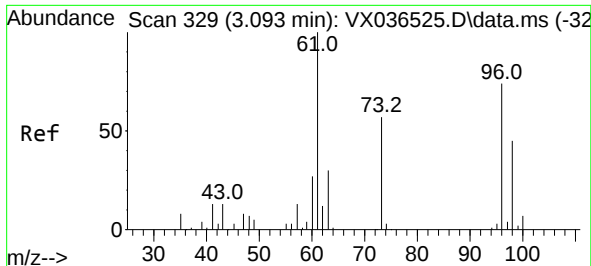
Lab File: VX036695.D

Acq: 28 Jul 2023 10:22

Tgt Ion: 84 Resp: 39924

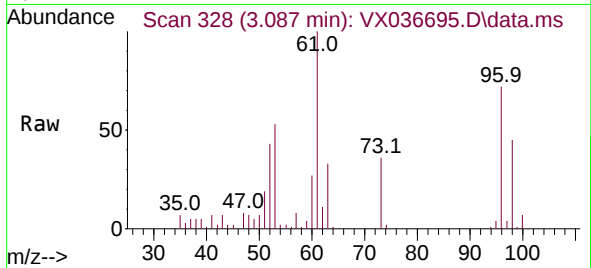
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 119.1 | 95.4  | 143.0 |
| 51  | 37.0  | 28.3  | 42.5  |
| 86  | 62.4  | 49.0  | 73.6  |





#19  
trans-1,2-Dichloroethene  
Concen: 20.484 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22

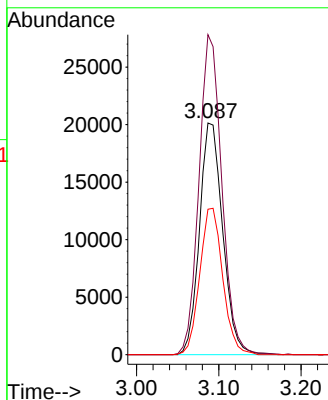
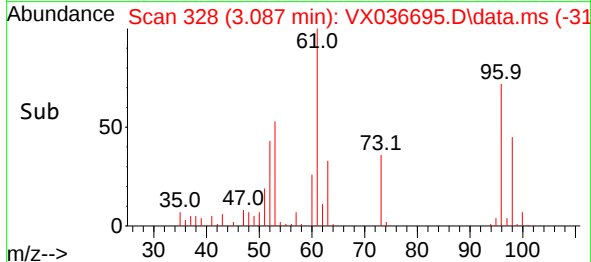
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0728WBSD01



Tgt Ion: 96 Resp: 3967  
Ion Ratio Lower Upper  
96 100  
61 137.8 108.7 163.1  
98 62.8 49.1 73.7

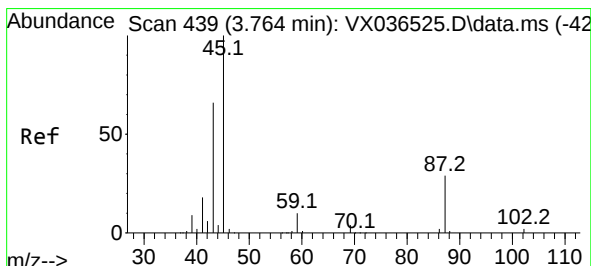
Manual Integrations  
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Reviewed By :John  
Carlone

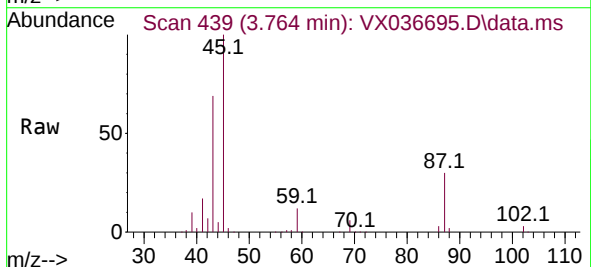


07/28/2023  
Supervised By :Mahesh  
Dadoda

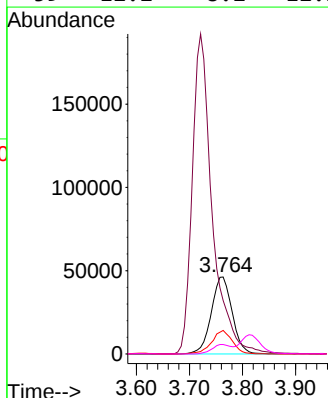
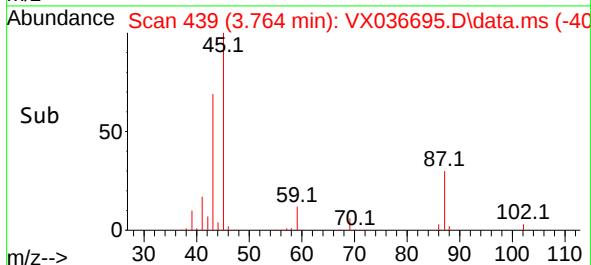
07/31/2023

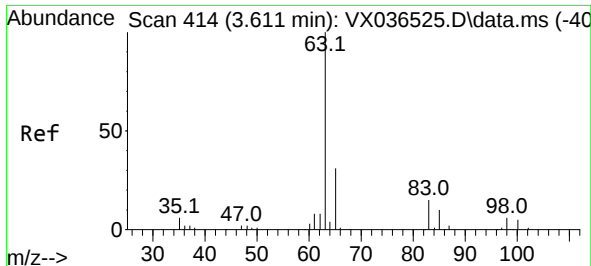


#20  
Diisopropyl ether  
Concen: 19.745 ug/l  
RT: 3.764 min Scan# 439  
Delta R.T. -0.000 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22



Tgt Ion: 45 Resp: 126496  
Ion Ratio Lower Upper  
45 100  
43 68.0 55.8 83.6  
87 30.5 23.0 34.4  
59 12.2 8.2 12.2#





#21

1,1-Dichloroethane

Concen: 19.591 ug/l

RT: 3.605 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX036695.D

Acq: 28 Jul 2023 10:22

Instrument :

MSVOA\_X

ClientSampleId :

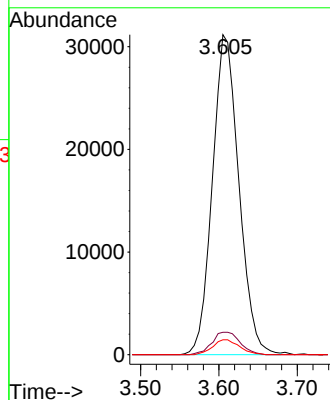
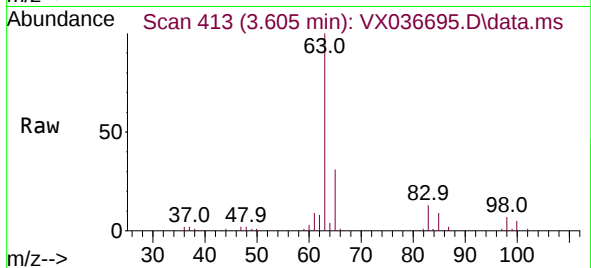
VX0728WBSD01

Tgt Ion: 63 Resp: 73174

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 98  | 7.0   | 3.2   | 9.6   |
| 100 | 4.7   | 2.3   | 6.8   |

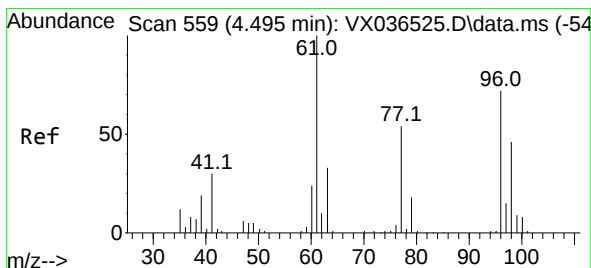
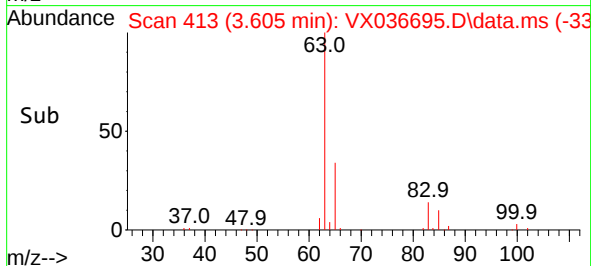
Manual Integrations  
APPROVED

Reviewed By :John  
Carlone



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Supervised By :Mahesh  
Dadoda

07/31/2023



#22

cis-1,2-Dichloroethene

Concen: 20.138 ug/l

RT: 4.489 min Scan# 558

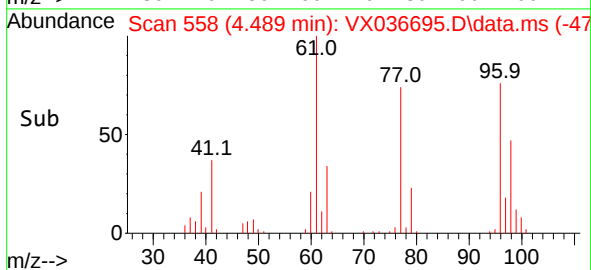
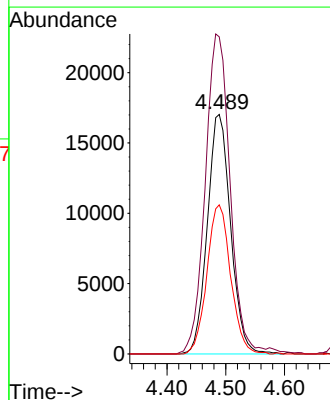
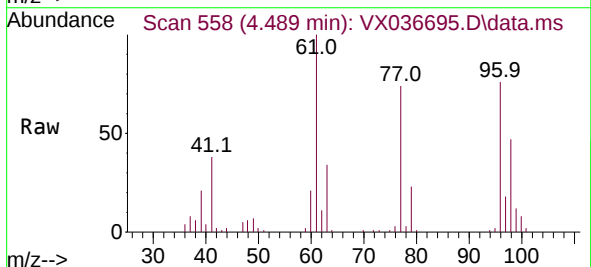
Delta R.T. -0.006 min

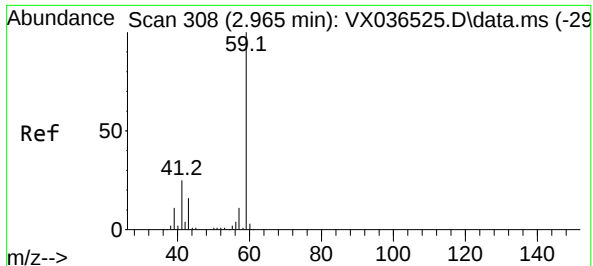
Lab File: VX036695.D

Acq: 28 Jul 2023 10:22

Tgt Ion: 96 Resp: 46942

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 140.7 | 114.0 | 171.0 |
| 98  | 63.2  | 51.6  | 77.4  |





#23  
tert-Butyl Alcohol  
Concen: 111.471 ug/l  
RT: 2.959 min Scan# 308  
Delta R.T. -0.006 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22

Instrument :

MSVOA\_X

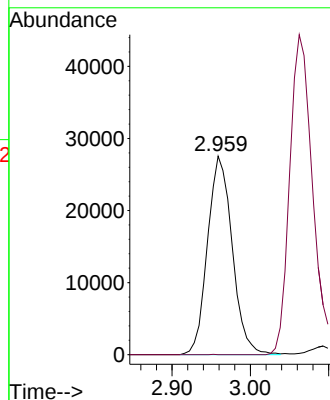
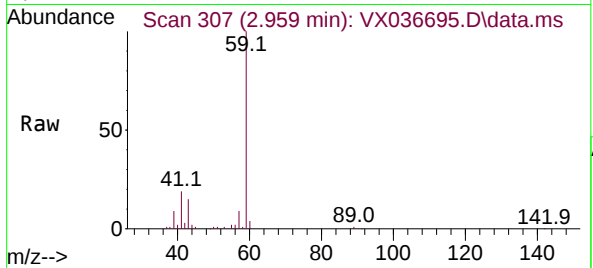
ClientSampleId :

VX0728WBSD01

Tgt Ion: 59 Resp: 60434  
Ion Ratio Lower Upper  
59 100  
52 0.0 142.6 213.8

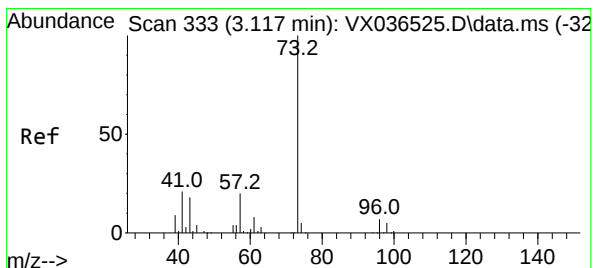
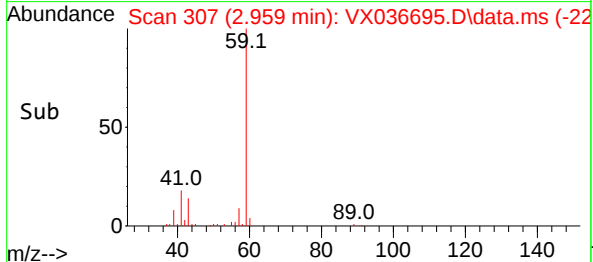
Manual Integrations  
APPROVED

Reviewed By :John  
Carlone



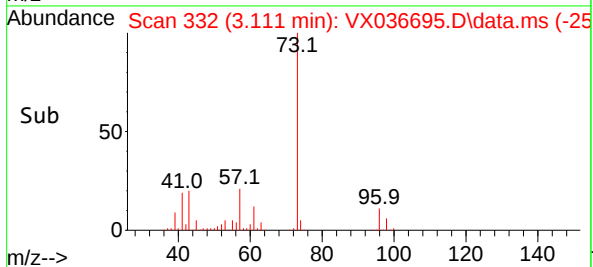
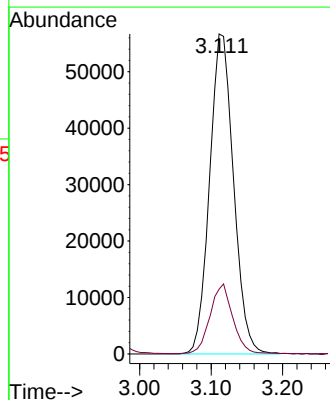
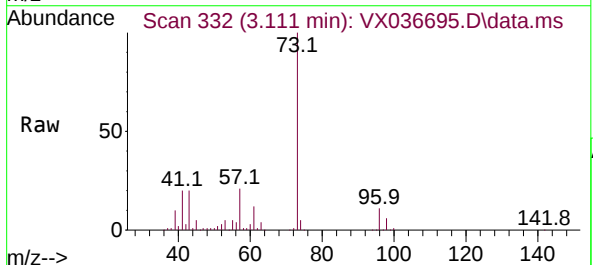
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Supervised By :Mahesh  
Dadoda

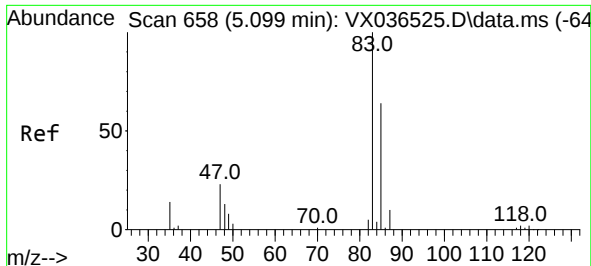
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#24  
Methyl tert-Butyl Ether  
Concen: 20.476 ug/l  
RT: 3.111 min Scan# 332  
Delta R.T. -0.006 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22

Tgt Ion: 73 Resp: 131945  
Ion Ratio Lower Upper  
73 100  
43 20.8 16.8 25.2





#25

Chloroform

Concen: 19.671 ug/l

RT: 5.093 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX036695.D

Acq: 28 Jul 2023 10:22

Instrument :

MSVOA\_X

ClientSampleId :

VX0728WBSD01

Tgt Ion: 83 Resp: 7595

Ion Ratio Lower Upper

83 100

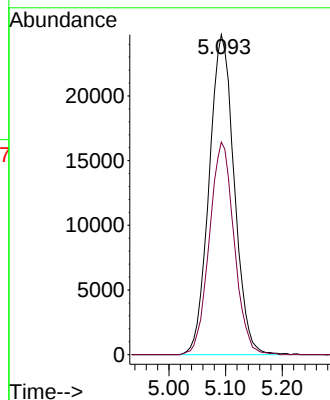
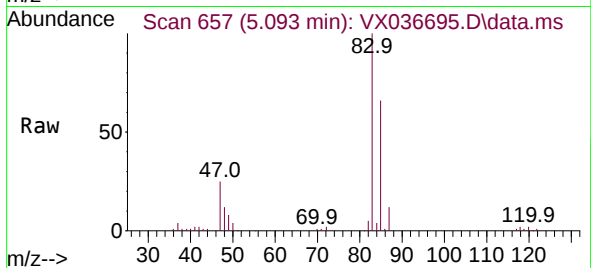
85 66.5 51.5 77.3

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Reviewed By :John

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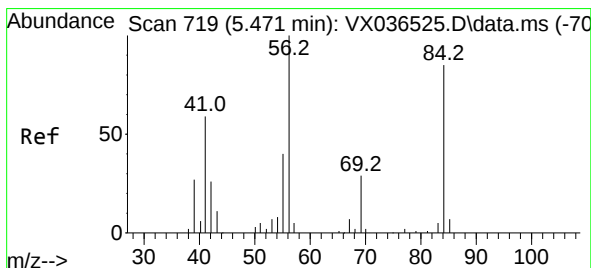
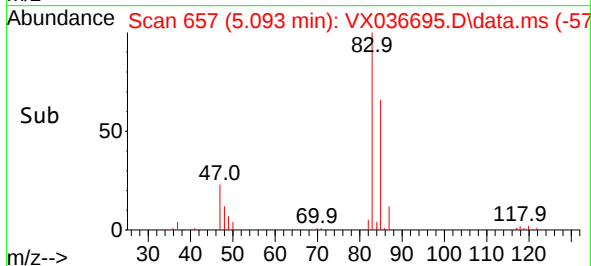


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#26

Cyclohexane

Concen: 21.917 ug/l

RT: 5.464 min Scan# 718

Delta R.T. -0.006 min

Lab File: VX036695.D

Acq: 28 Jul 2023 10:22

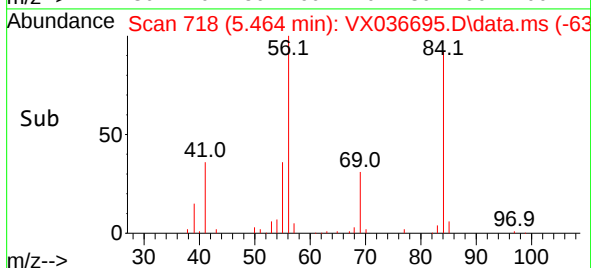
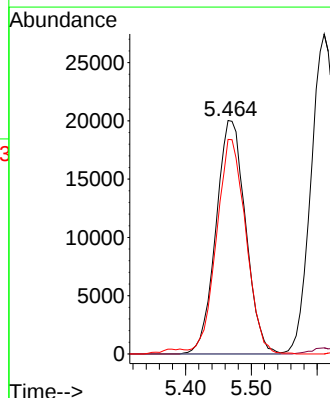
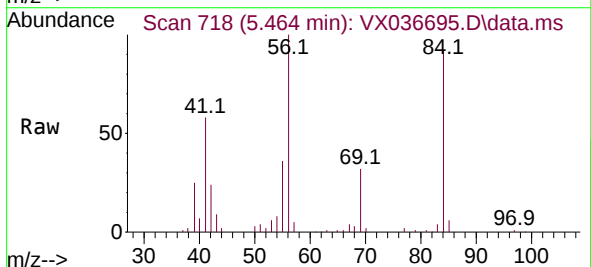
Tgt Ion: 56 Resp: 62803

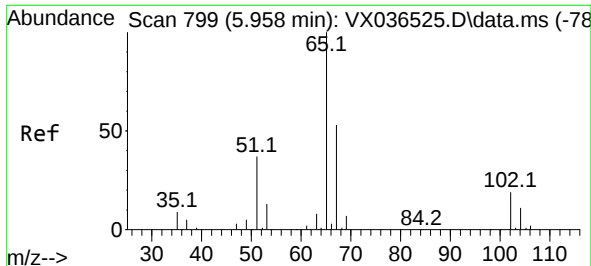
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

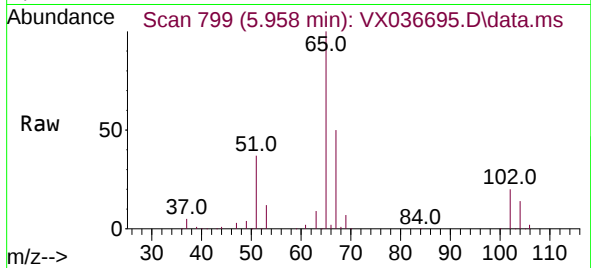
84 91.1 71.4 107.2





#27  
1,2-Dichloroethane-d4  
Concen: 29.728 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. -0.000 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22

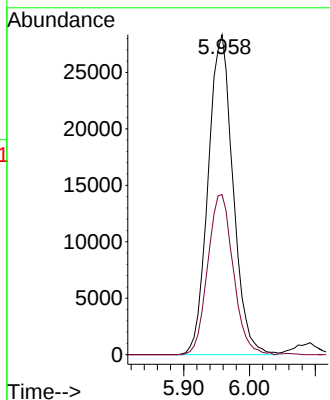
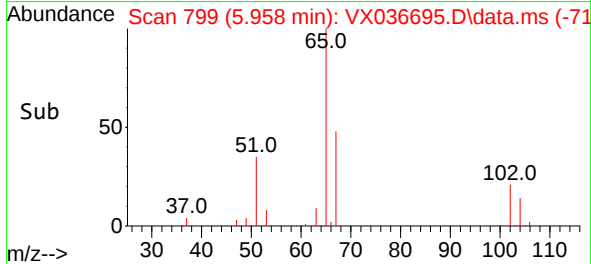
Instrument :  
MSVOA\_X  
Client Sample Id :  
VX0728WBSD01



Tgt Ion: 65 Resp: 74710  
Ion Ratio Lower Upper  
65 100  
67 51.2 42.1 63.1

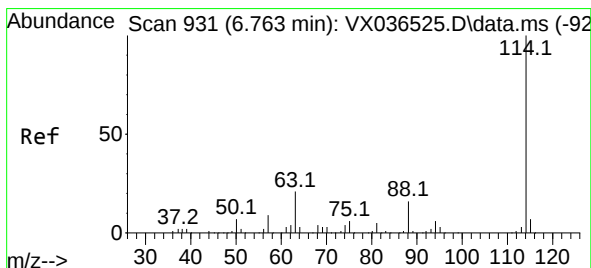
Manual Integrations  
APPROVED

Reviewed By :John  
Carlone

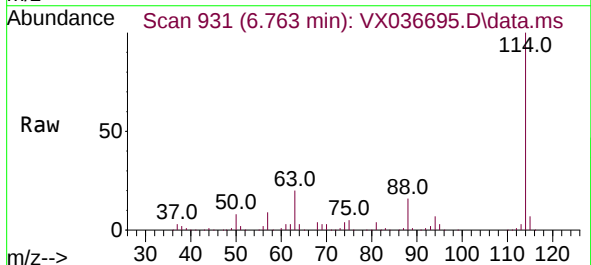


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Supervised By :Mahesh  
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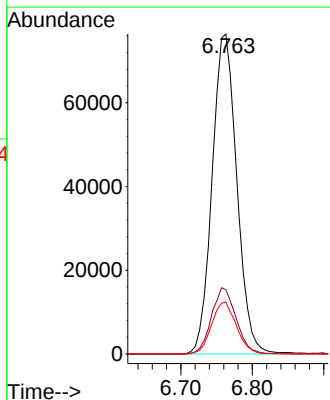
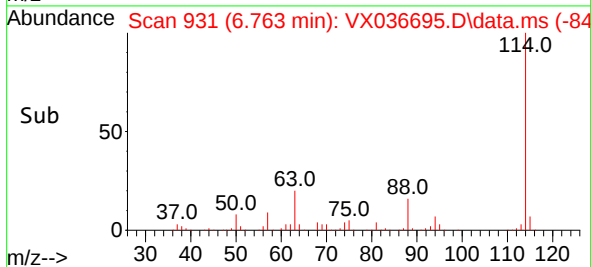
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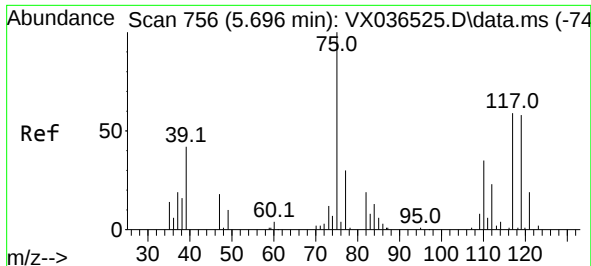


#28  
1,4-Difluorobenzene  
Concen: 30.000 ug/l  
RT: 6.763 min Scan# 931  
Delta R.T. -0.000 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22



Tgt Ion:114 Resp: 183254  
Ion Ratio Lower Upper  
114 100  
63 20.6 16.6 24.8  
88 16.2 12.9 19.3





#29

1,1-Dichloropropene

Concen: 20.335 ug/l

RT: 5.690 min Scan# 756

Delta R.T. -0.006 min

Lab File: VX036695.D

Acq: 28 Jul 2023 10:22

Instrument :

MSVOA\_X

ClientSampleId :

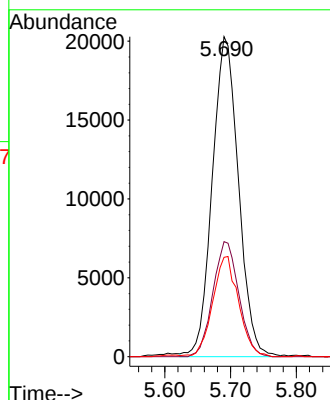
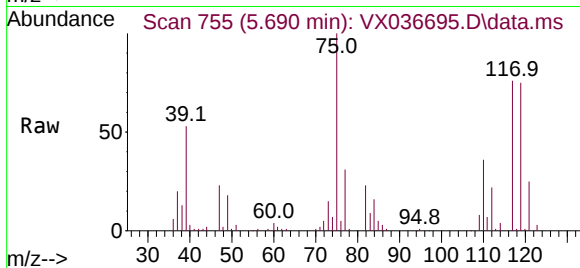
VX0728WBSD01

Tgt Ion: 75 Resp: 5619

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 110 | 35.5  | 0.0   | 70.4  |
| 77  | 30.8  | 0.0   | 62.8  |

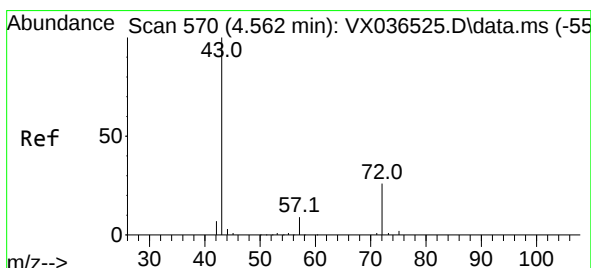
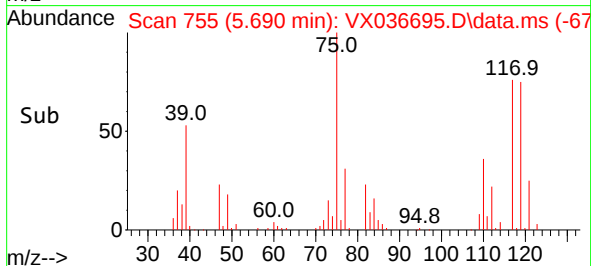
Manual Integrations  
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Reviewed By :John  
Carlone



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#30

2-Butanone

Concen: 94.201 ug/l

RT: 4.556 min Scan# 569

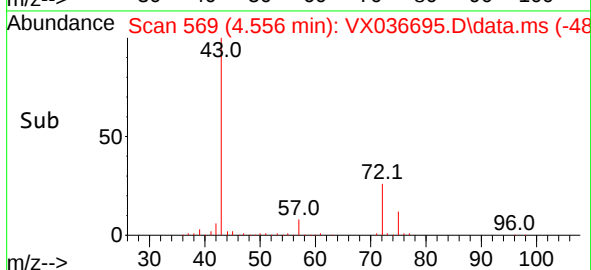
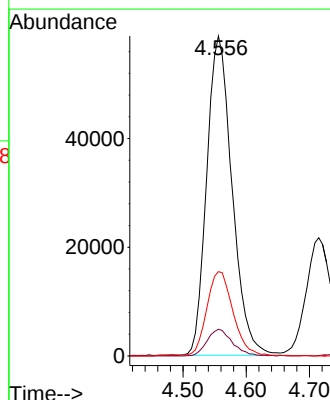
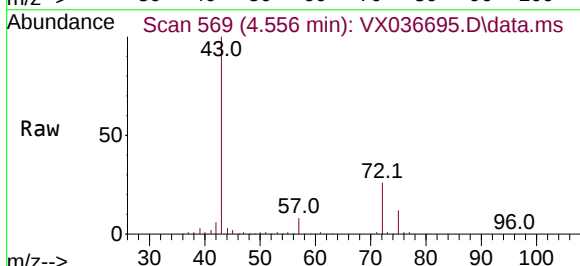
Delta R.T. -0.006 min

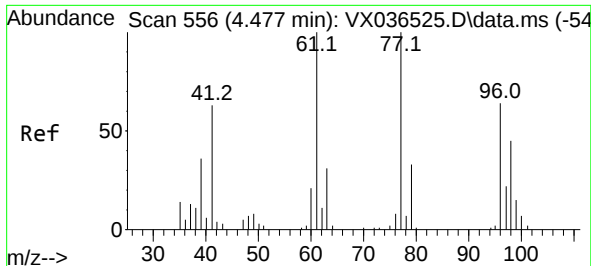
Lab File: VX036695.D

Acq: 28 Jul 2023 10:22

Tgt Ion: 43 Resp: 163906

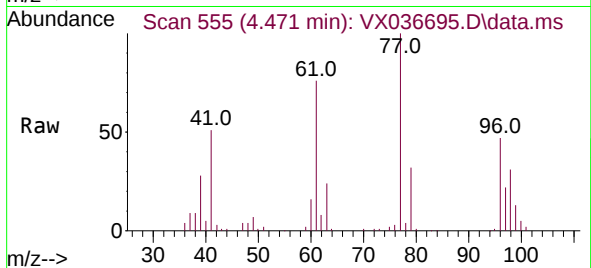
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 57  | 8.3   | 6.4   | 9.6   |
| 72  | 26.9  | 21.6  | 32.4  |





#31  
2,2-Dichloropropane  
Concen: 22.391 ug/l  
RT: 4.471 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22

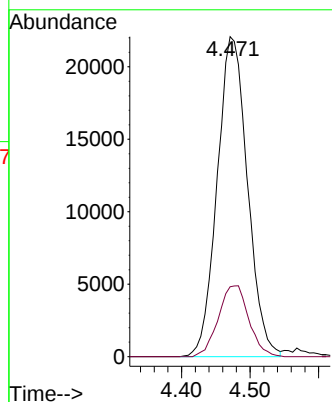
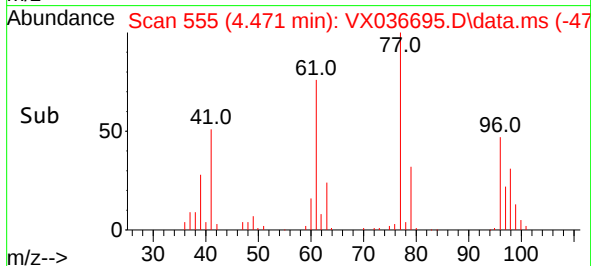
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0728WBSD01



Tgt Ion: 77 Resp: 67854  
Ion Ratio Lower Upper  
77 100  
97 22.3 18.6 27.8

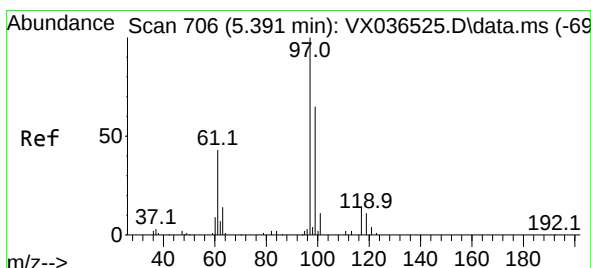
Manual Integrations  
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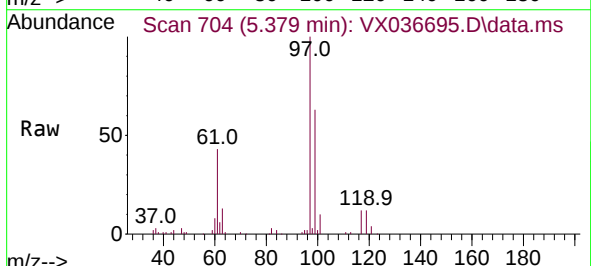


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Supervised By :Mahesh  
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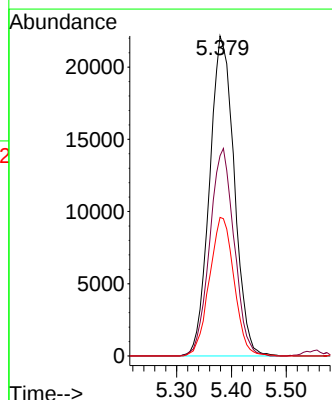
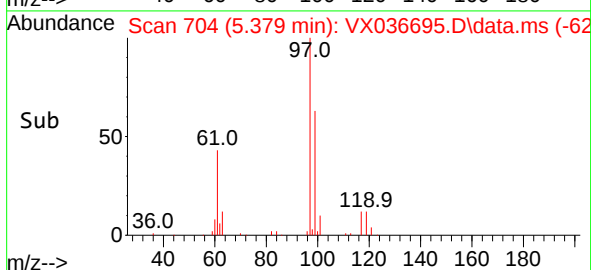
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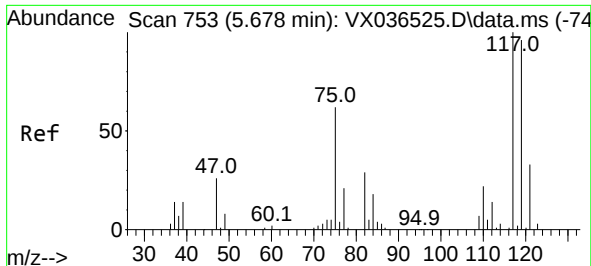


#32  
1,1,1-Trichloroethane  
Concen: 21.066 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.012 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22



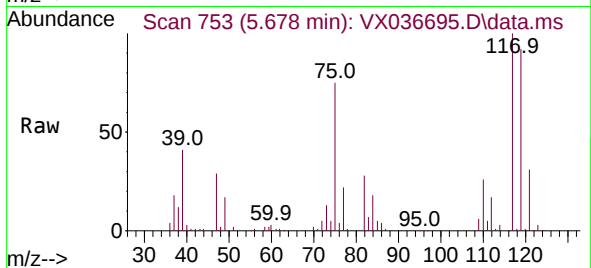
Tgt Ion: 97 Resp: 69172  
Ion Ratio Lower Upper  
97 100  
99 64.4 51.5 77.3  
61 43.4 35.8 53.8





#33  
Carbon Tetrachloride  
Concen: 21.211 ug/l  
RT: 5.678 min Scan# 753  
Delta R.T. -0.000 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22

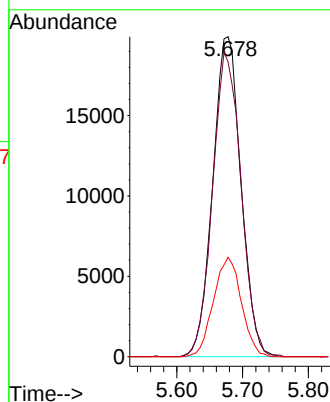
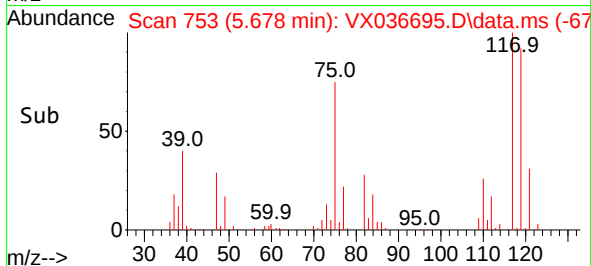
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0728WBSD01



Tgt Ion:117 Resp: 5942  
Ion Ratio Lower Upper  
117 100  
119 92.2 76.6 115.0  
121 31.0 26.5 39.7

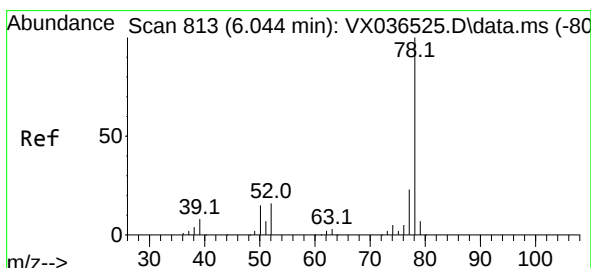
Manual Integrations  
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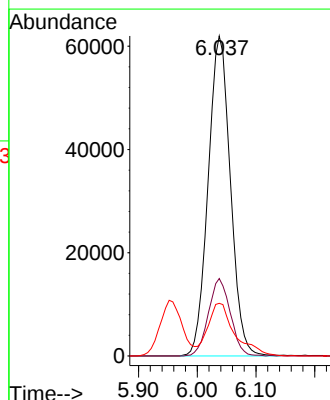
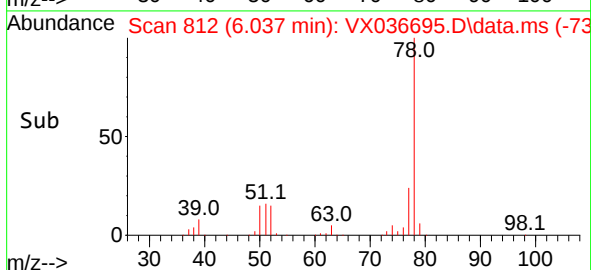
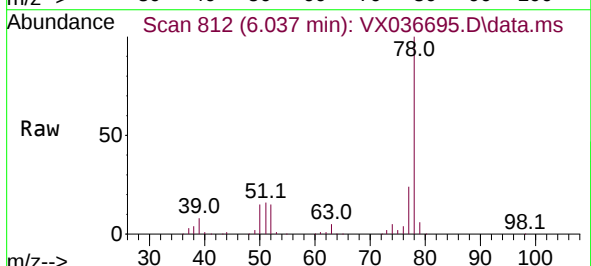
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Supervised By :Mahesh  
Dadoda

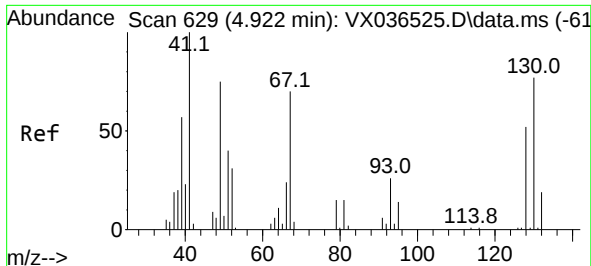
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#34  
Benzene  
Concen: 19.147 ug/l  
RT: 6.037 min Scan# 812  
Delta R.T. -0.006 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22

Tgt Ion: 78 Resp: 163094  
Ion Ratio Lower Upper  
78 100  
77 24.2 18.7 28.1  
51 16.3 14.2 21.4





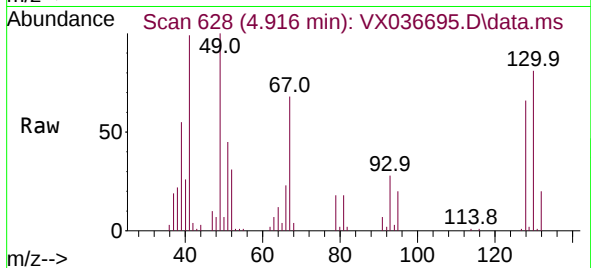
#35  
Methacrylonitrile  
Concen: 18.419 ug/l  
RT: 4.916 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22

Instrument :

MSVOA\_X

ClientSampleId :

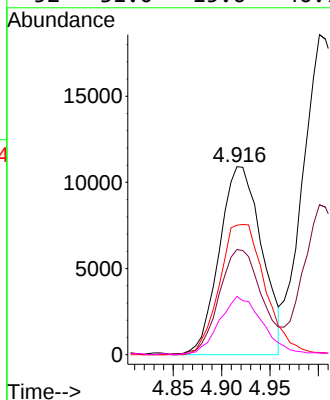
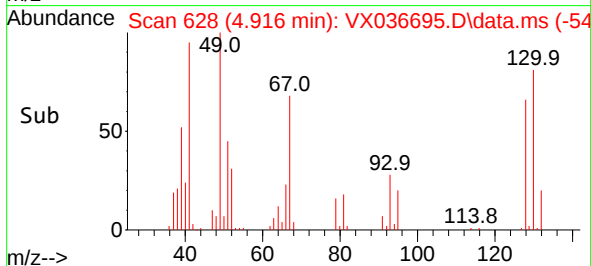
VX0728WBSD01



Tgt Ion: 41 Resp: 3325  
Ion Ratio Lower Upper  
41 100  
39 55.3 28.2 84.7  
67 68.8 35.0 105.1  
52 31.0 15.6 46.7

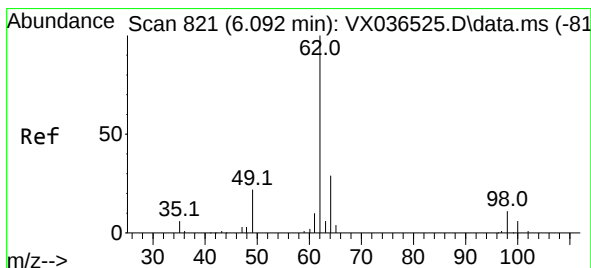
Manual Integrations  
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Carlone



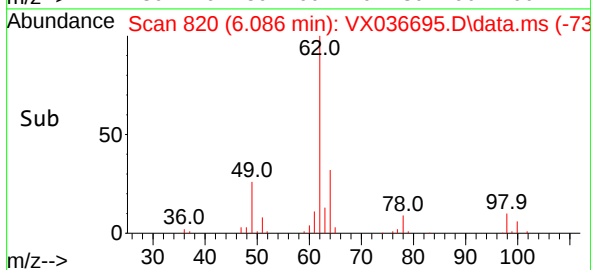
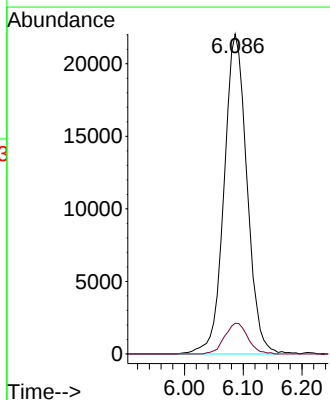
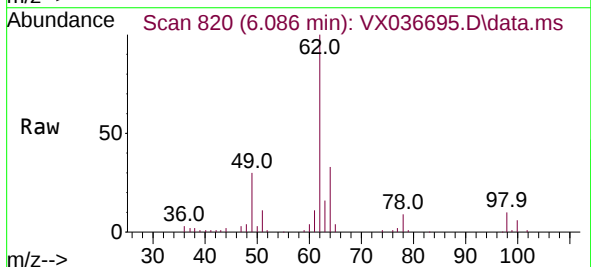
07/28/2023  
Supervised By :Mahesh  
Dadoda

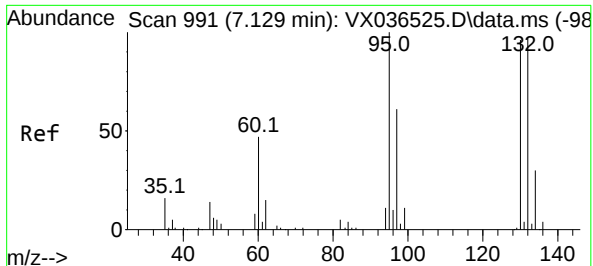
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#36  
1,2-Dichloroethane  
Concen: 18.228 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. -0.006 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22

Tgt Ion: 62 Resp: 59617  
Ion Ratio Lower Upper  
62 100  
98 9.7 7.0 10.6





#37

Trichloroethene

Concen: 19.145 ug/l

RT: 7.123 min Scan# 991

Delta R.T. -0.006 min

Lab File: VX036695.D

Acq: 28 Jul 2023 10:22

Instrument :

MSVOA\_X

ClientSampleId :

VX0728WBSD01

Tgt Ion:130 Resp: 42919

Ion Ratio Lower Upper

130 100

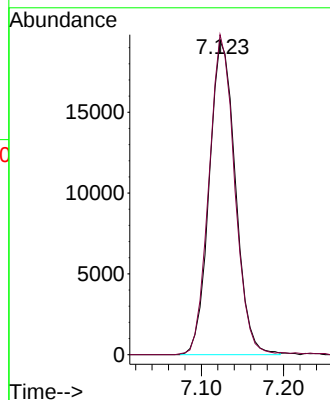
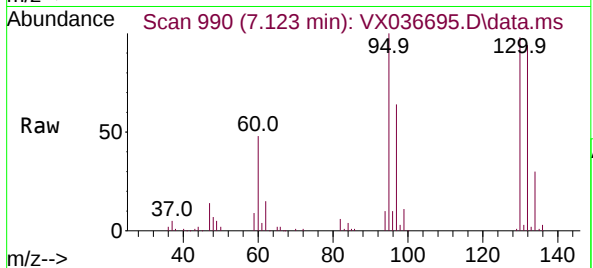
95 101.6 83.2 124.8

Manual Integrations

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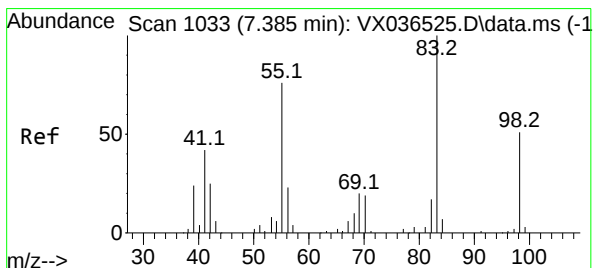
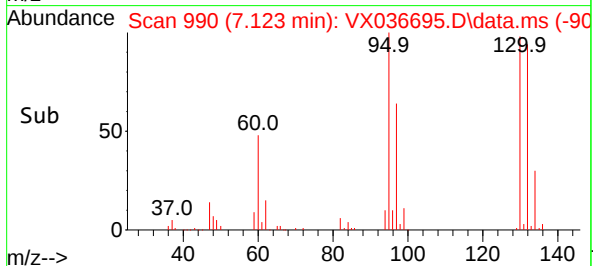


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#38

Methylcyclohexane

Concen: 21.757 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX036695.D

Acq: 28 Jul 2023 10:22

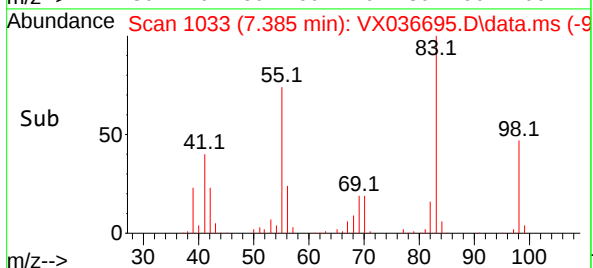
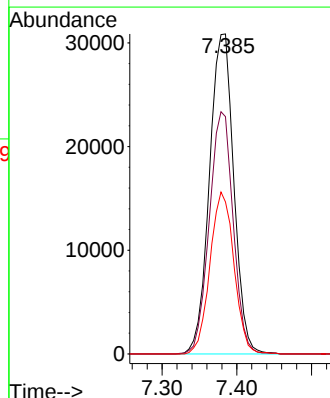
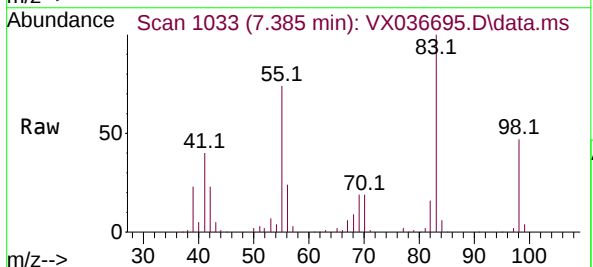
Tgt Ion: 83 Resp: 69945

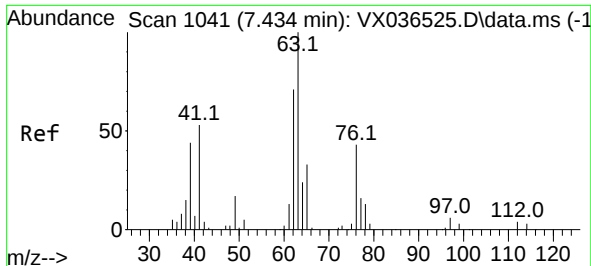
Ion Ratio Lower Upper

83 100

55 74.4 38.1 114.5

98 49.9 24.4 73.4





#39

1,2-Dichloropropane

Concen: 18.432 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX036695.D

Acq: 28 Jul 2023 10:22

Instrument :

MSVOA\_X

ClientSampleId :

VX0728WBSD01

Tgt Ion: 63 Resp: 4255

Ion Ratio Lower Upper

63 100

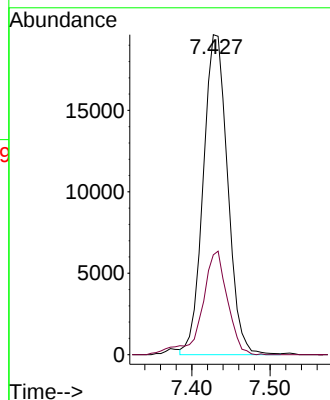
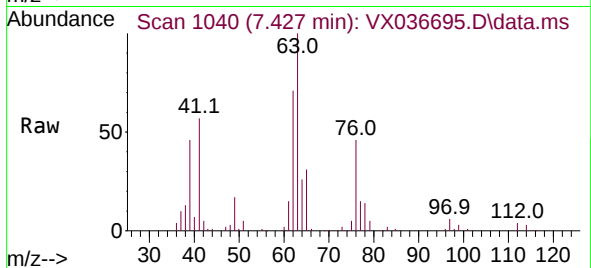
65 31.3 26.4 39.6

Manual Integrations

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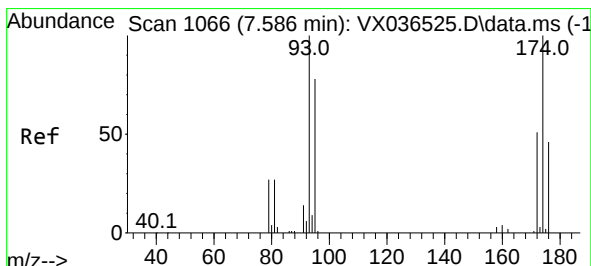
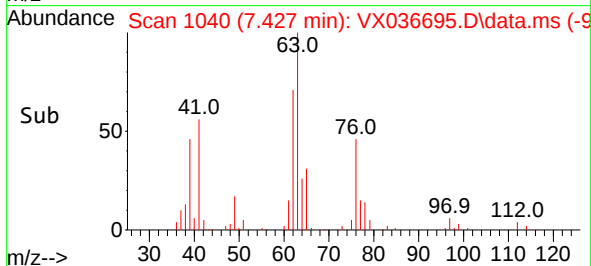


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#40

Dibromomethane

Concen: 18.215 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX036695.D

Acq: 28 Jul 2023 10:22

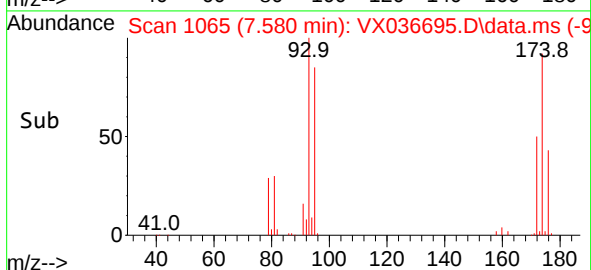
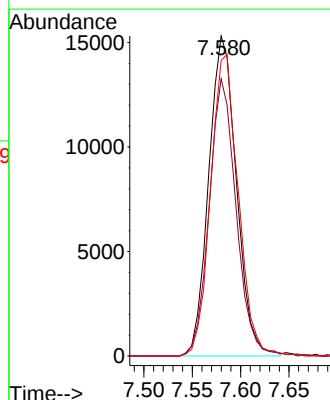
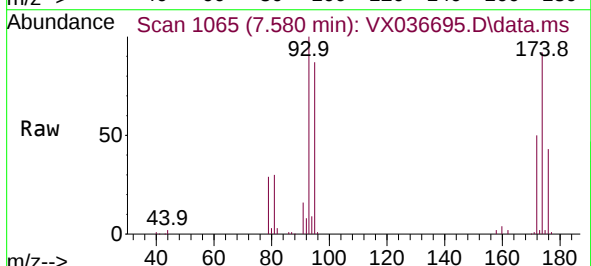
Tgt Ion: 93 Resp: 30464

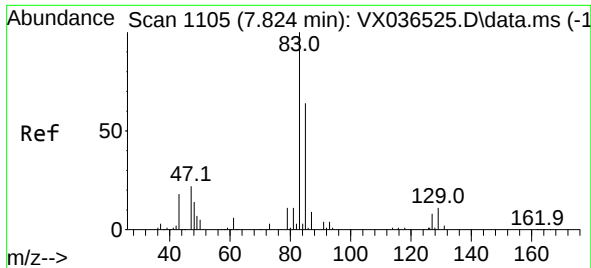
Ion Ratio Lower Upper

93 100

95 84.0 0.0 166.8

174 93.9 0.0 191.6





#41  
Bromodichloromethane  
Concen: 20.213 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. -0.000 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22

Instrument :

MSVOA\_X

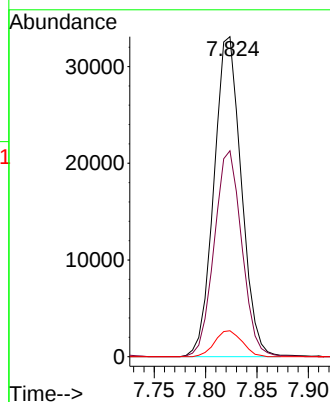
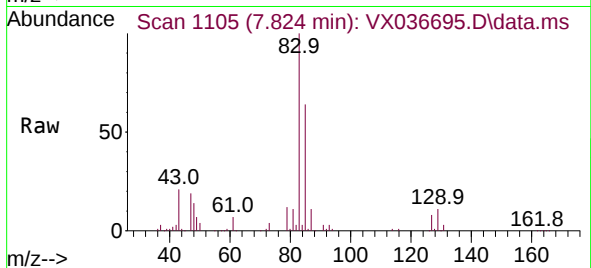
ClientSampleId :

VX0728WBSD01

Tgt Ion: 83 Resp: 61352  
Ion Ratio Lower Upper  
83 100  
85 64.4 51.5 77.3  
127 8.1 6.4 9.6

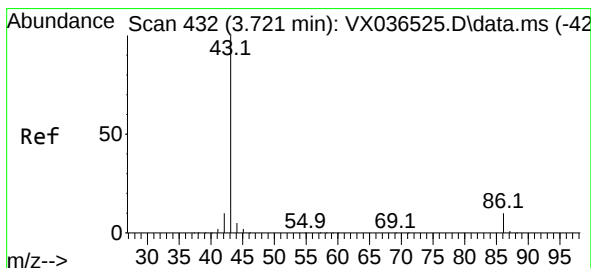
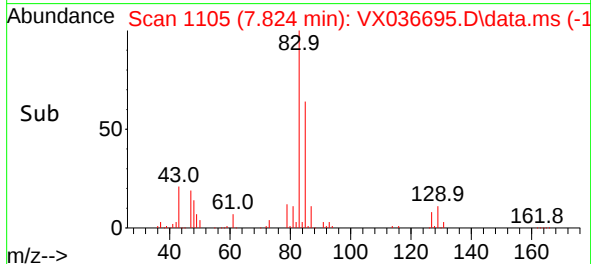
Manual Integrations  
APPROVED

Reviewed By :John  
Carlone



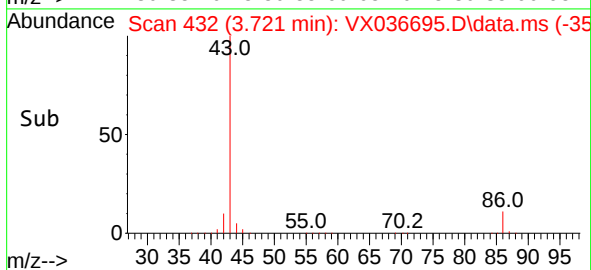
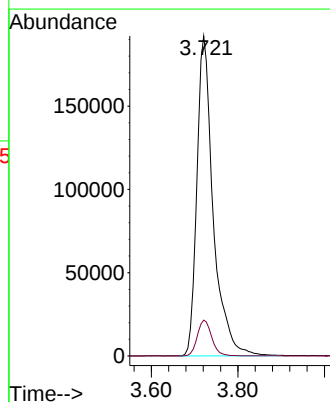
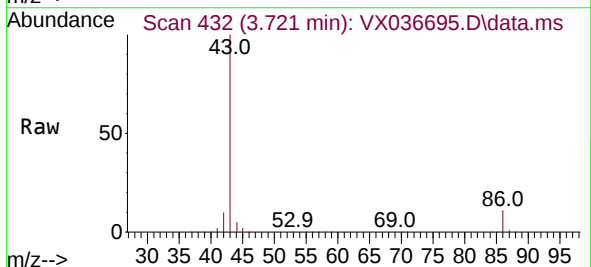
07/28/2023  
Supervised By :Mahesh  
Dadoda

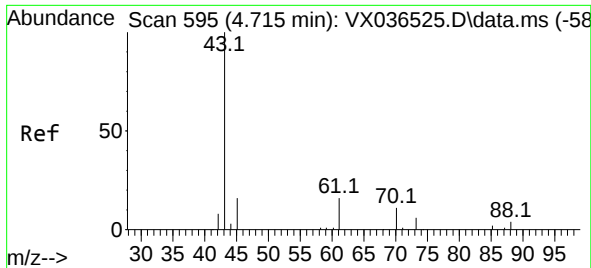
07/31/2023



#42  
Vinyl Acetate  
Concen: 95.623 ug/l  
RT: 3.721 min Scan# 432  
Delta R.T. -0.000 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22

Tgt Ion: 43 Resp: 502554  
Ion Ratio Lower Upper  
43 100  
86 9.9 7.4 11.0





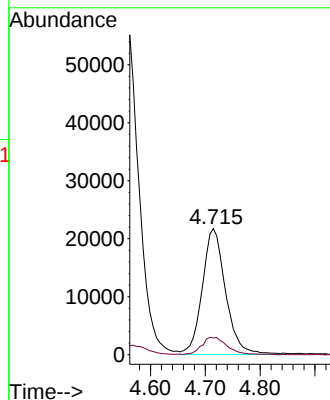
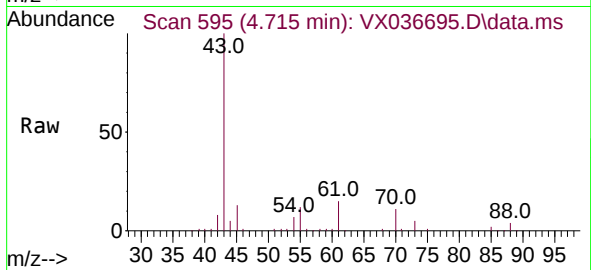
#43  
Ethyl Acetate  
Concen: 18.927 ug/l  
RT: 4.715 min Scan# 595  
Delta R.T. -0.000 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0728WBSD01

Tgt Ion: 43 Resp: 6410  
Ion Ratio Lower Upper  
43 100  
45 14.3 12.6 18.8

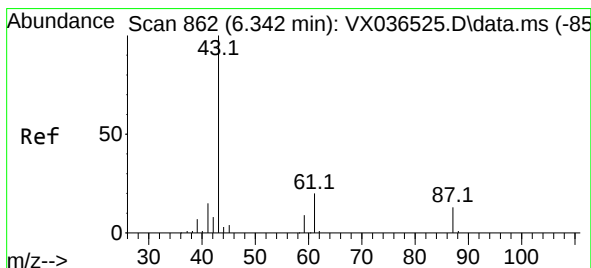
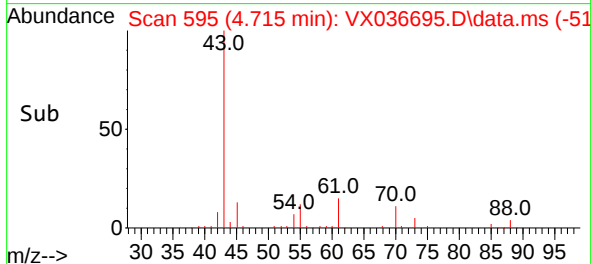
Manual Integrations  
APPROVED

Reviewed By :John  
Carlone



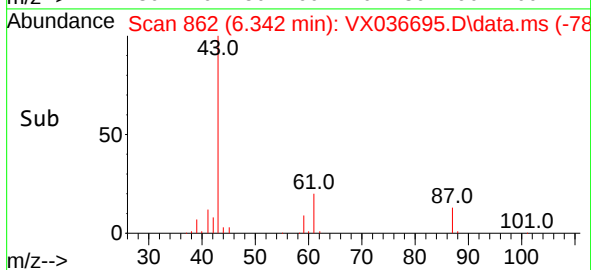
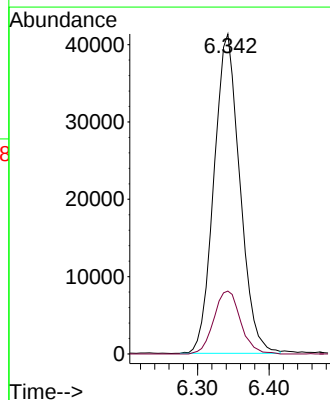
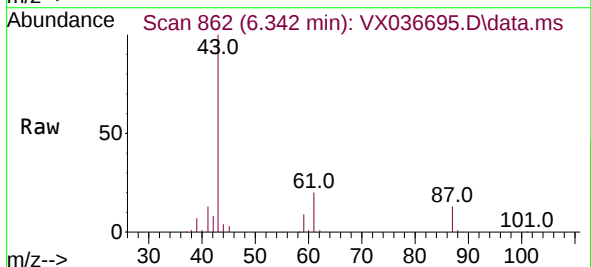
07/28/2023  
Supervised By :Mahesh  
Dadoda

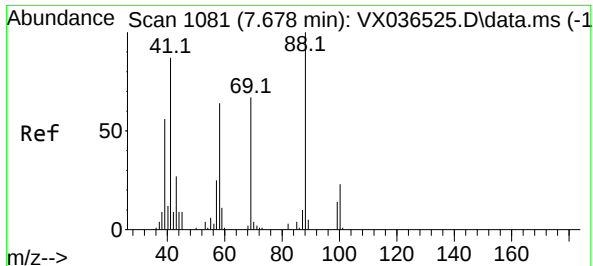
07/31/2023



#44  
Isopropyl Acetate  
Concen: 19.234 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. -0.000 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22

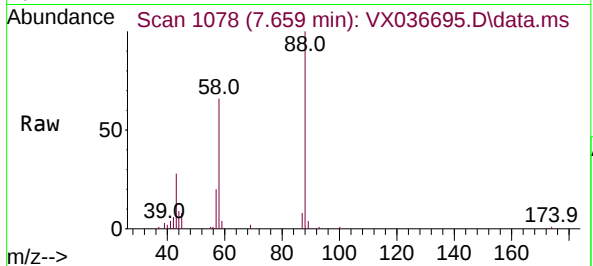
Tgt Ion: 43 Resp: 103887  
Ion Ratio Lower Upper  
43 100  
61 20.2 15.4 23.0





#45  
1,4-Dioxane  
Concen: 366.741 ug/l  
RT: 7.659 min Scan# 1078  
Delta R.T. -0.018 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22

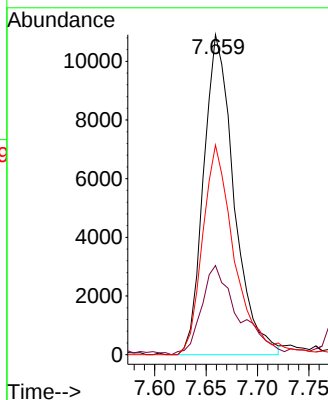
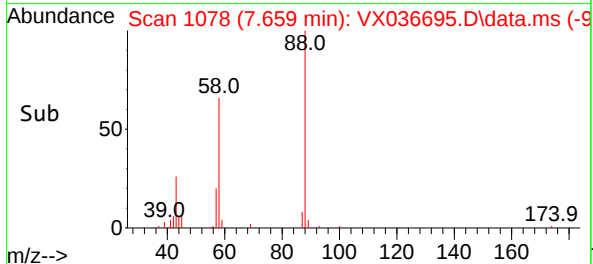
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0728WBSD01



Tgt Ion: 88 Resp: 2248  
Ion Ratio Lower Upper  
88 100  
43 26.8 297.5 446.3  
58 69.2 1.0 1.4

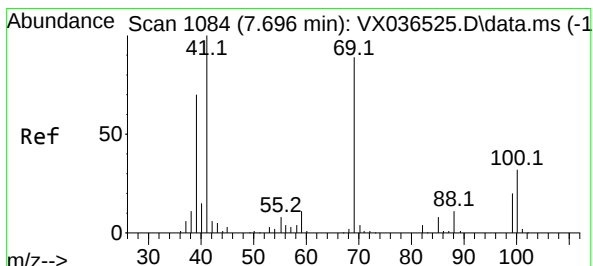
Manual Integrations  
APPROVED

Reviewed By :John  
Carlone

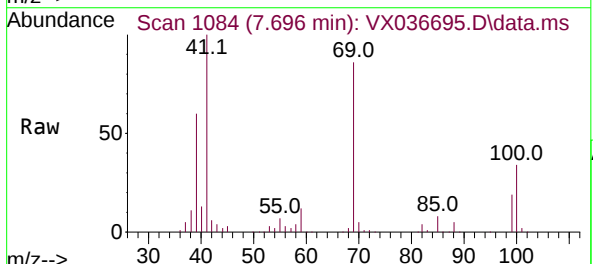


07/28/2023  
Supervised By :Mahesh  
Dadoda

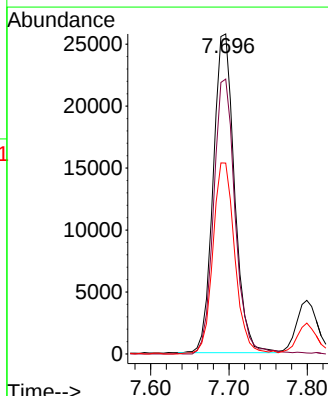
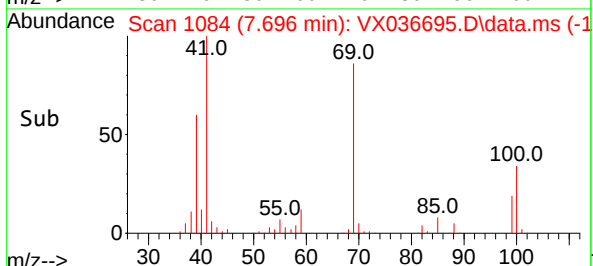
07/31/2023

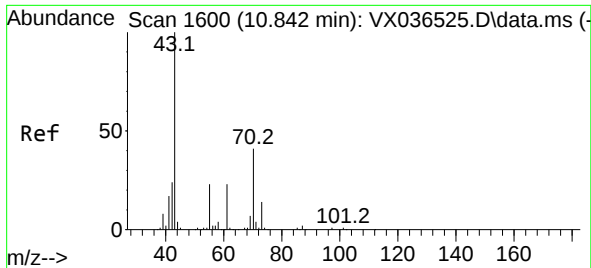


#46  
Methyl methacrylate  
Concen: 18.828 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. -0.000 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22



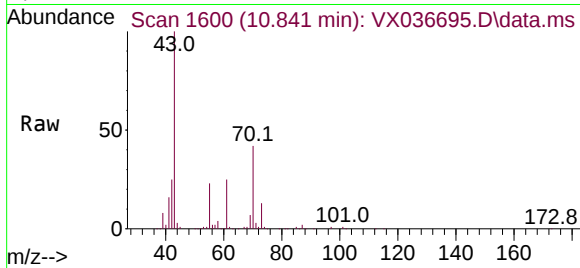
Tgt Ion: 41 Resp: 48605  
Ion Ratio Lower Upper  
41 100  
69 86.0 44.4 133.1  
39 59.9 34.9 104.7





#47  
n-amyl acetate  
Concen: 19.145 ug/l  
RT: 10.841 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22

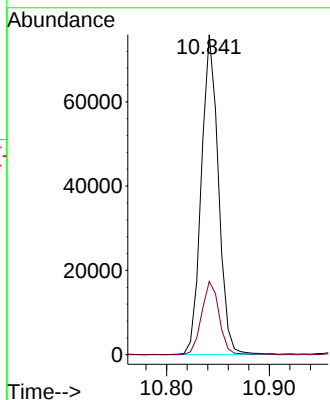
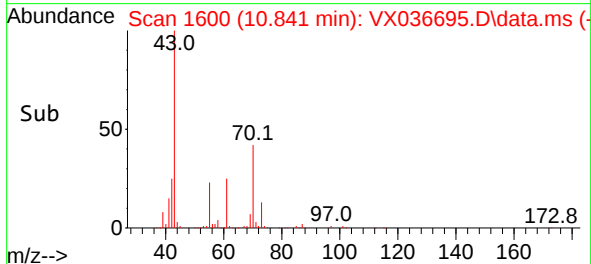
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0728WBSD01



Tgt Ion: 43 Resp: 87708  
Ion Ratio Lower Upper  
43 100  
55 23.6 18.6 28.0

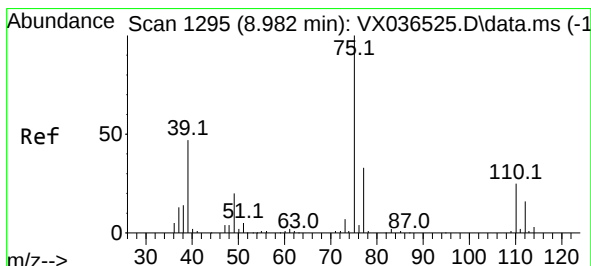
Manual Integrations  
APPROVED

Reviewed By :John  
Carlone



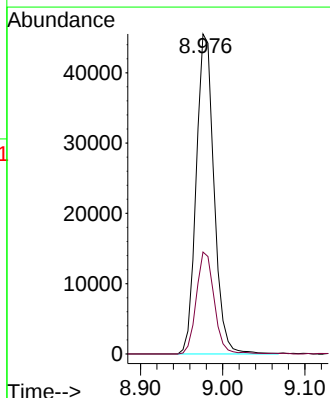
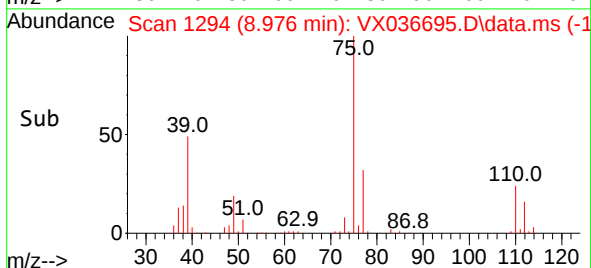
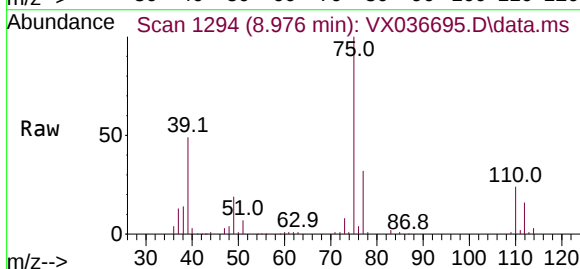
07/28/2023  
Supervised By :Mahesh  
Dadoda

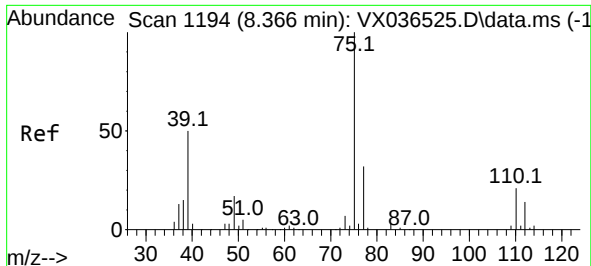
07/31/2023



#48  
t-1,3-Dichloropropene  
Concen: 20.570 ug/l  
RT: 8.976 min Scan# 1294  
Delta R.T. -0.006 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22

Tgt Ion: 75 Resp: 68480  
Ion Ratio Lower Upper  
75 100  
77 31.9 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 20.128 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX036695.D

Acq: 28 Jul 2023 10:22

Instrument :

MSVOA\_X

ClientSampleId :

VX0728WBSD01

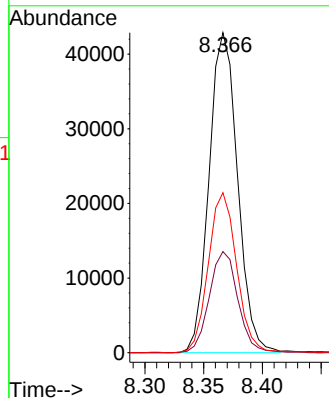
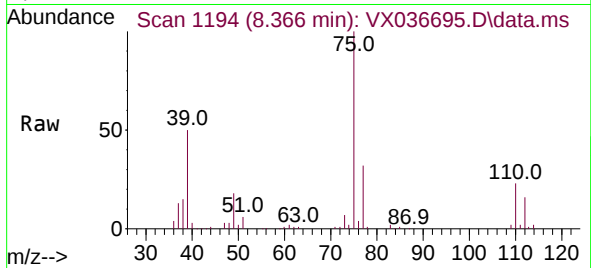
Tgt Ion: 75 Resp: 72384

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 31.4  | 25.4  | 38.2  |
| 39  | 49.8  | 40.2  | 60.4  |

Manual Integrations

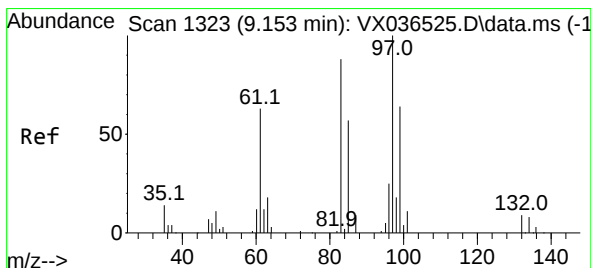
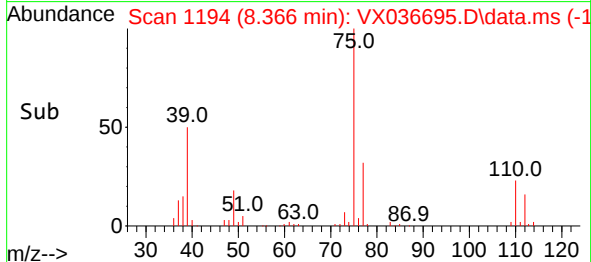
APPROVED

Reviewed By :John  
Carlone



07/28/2023  
Supervised By :Mahesh  
Dadoda

07/31/2023



#50

1,1,2-Trichloroethane

Concen: 18.397 ug/l

RT: 9.153 min Scan# 1323

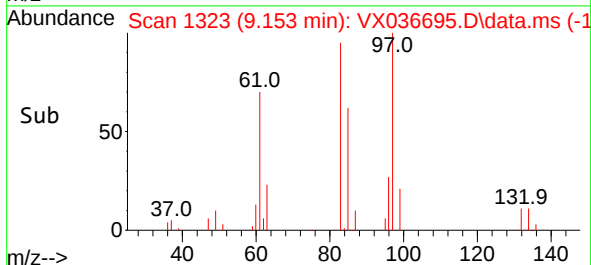
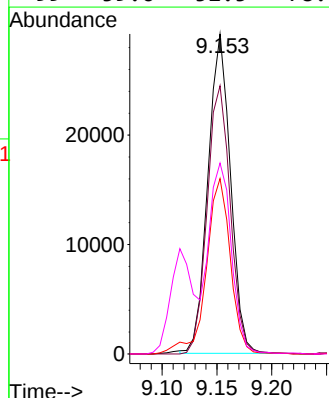
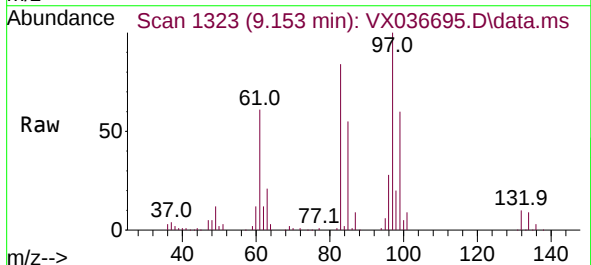
Delta R.T. -0.000 min

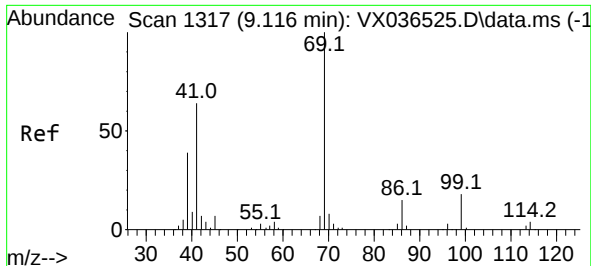
Lab File: VX036695.D

Acq: 28 Jul 2023 10:22

Tgt Ion: 97 Resp: 41768

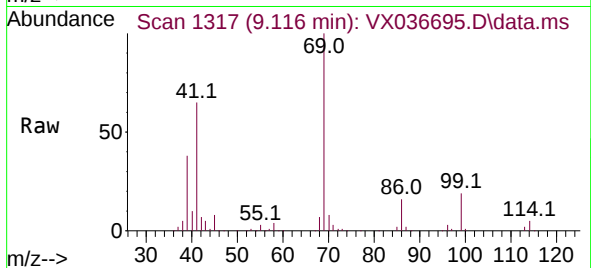
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 84.0  | 70.0  | 105.0 |
| 85  | 54.7  | 46.1  | 69.1  |
| 99  | 59.6  | 52.5  | 78.7  |





#51  
Ethyl methacrylate  
Concen: 19.608 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. -0.000 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22

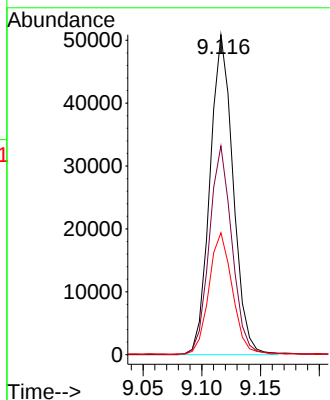
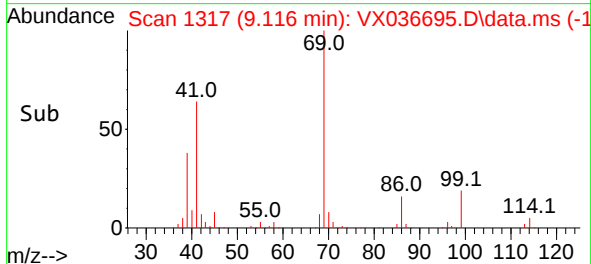
Instrument :  
MSVOA\_X  
Client Sample Id :  
VX0728WBSD01



Tgt Ion: 69 Resp: 69890  
Ion Ratio Lower Upper  
69 100  
41 65.1 32.0 96.0  
39 37.9 19.4 58.4

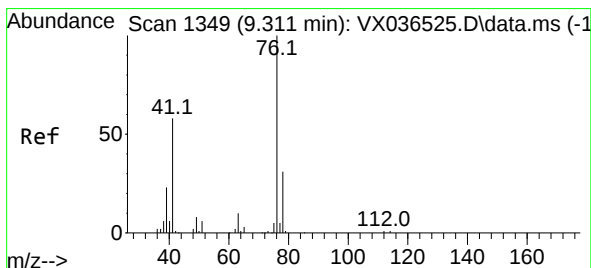
Manual Integrations  
APPROVED

Reviewed By :John  
Carlone



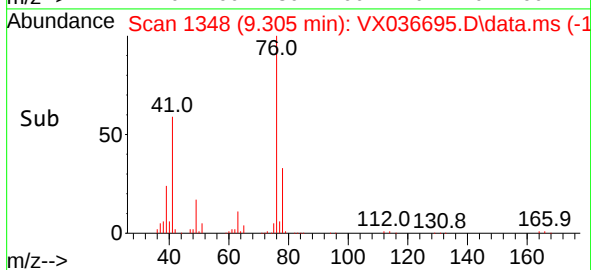
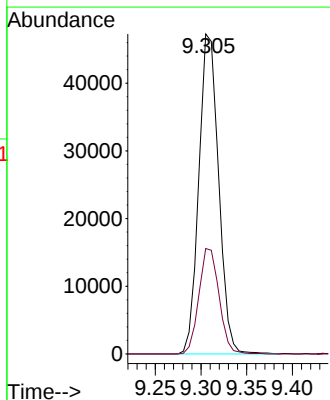
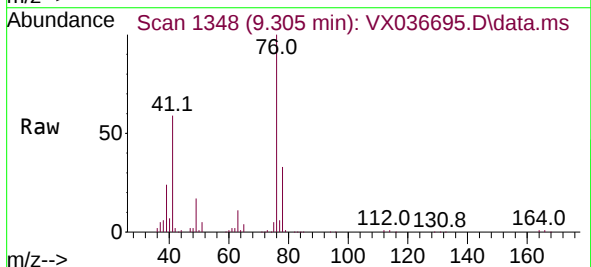
07/28/2023  
Supervised By :Mahesh  
Dadoda

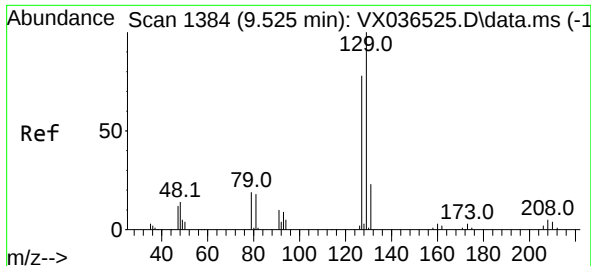
07/31/2023



#52  
1,3-Dichloropropane  
Concen: 18.581 ug/l  
RT: 9.305 min Scan# 1348  
Delta R.T. -0.006 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22

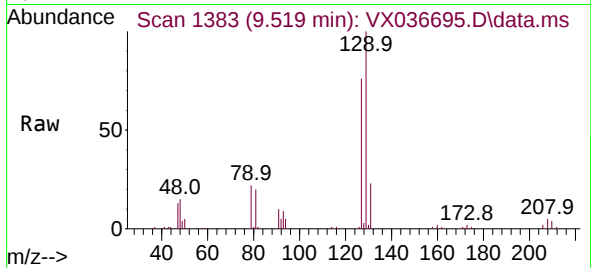
Tgt Ion: 76 Resp: 71190  
Ion Ratio Lower Upper  
76 100  
78 33.5 0.0 63.6





#53  
Dibromochloromethane  
Concen: 20.201 ug/l  
RT: 9.519 min Scan# 1383  
Delta R.T. -0.006 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22

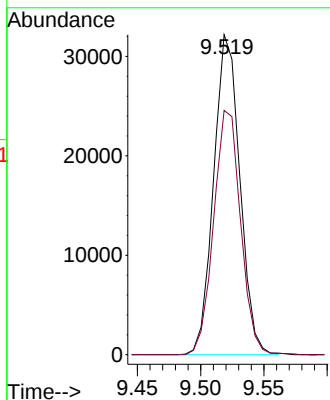
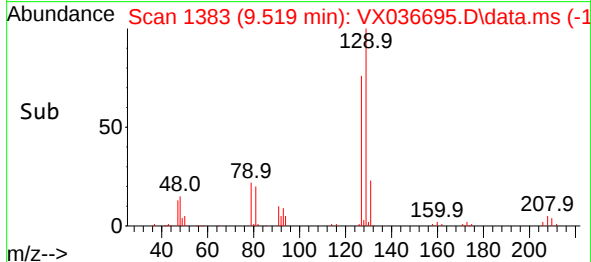
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0728WBSD01



Tgt Ion:129 Resp: 4629  
Ion Ratio Lower Upper  
129 100  
127 78.6 38.6 115.8

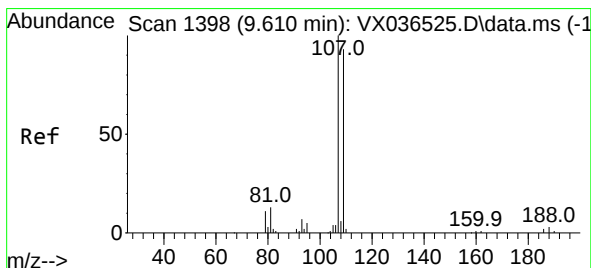
Manual Integrations  
APPROVED

Reviewed By :John  
Carlone



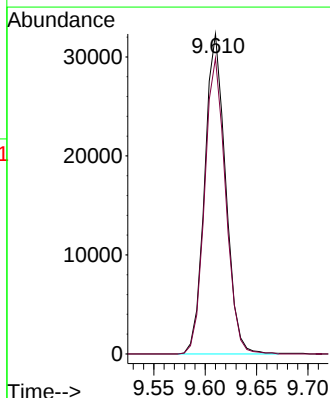
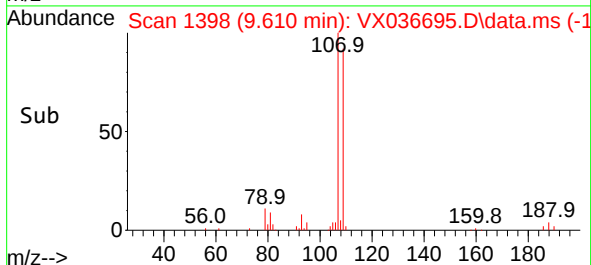
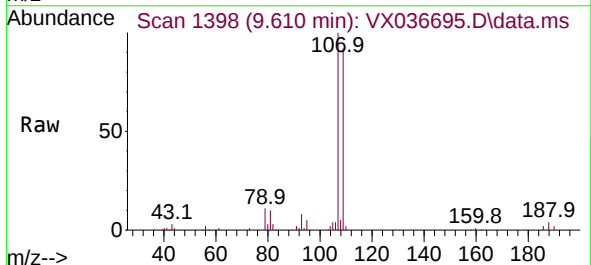
07/28/2023  
Supervised By :Mahesh  
Dadoda

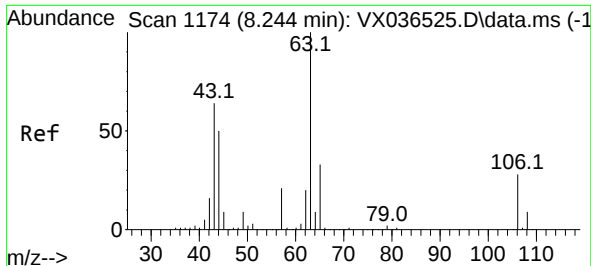
07/31/2023



#54  
1,2-Dibromoethane  
Concen: 19.155 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. -0.000 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22

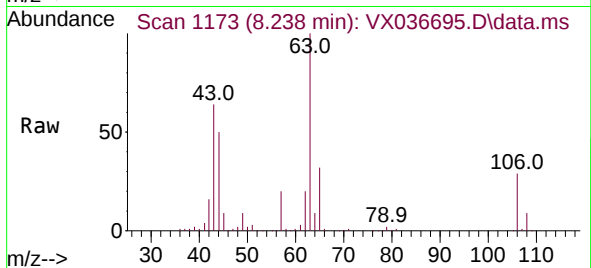
Tgt Ion:107 Resp: 45684  
Ion Ratio Lower Upper  
107 100  
109 92.8 74.7 112.1





#55  
2-Chloroethyl vinyl ether  
Concen: 87.173 ug/l  
RT: 8.238 min Scan# 1173  
Delta R.T. -0.006 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22

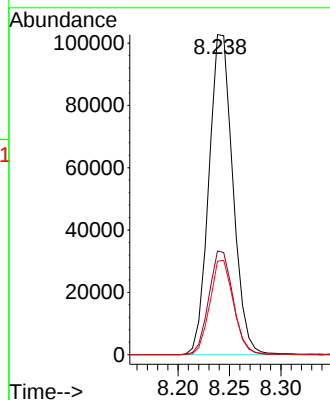
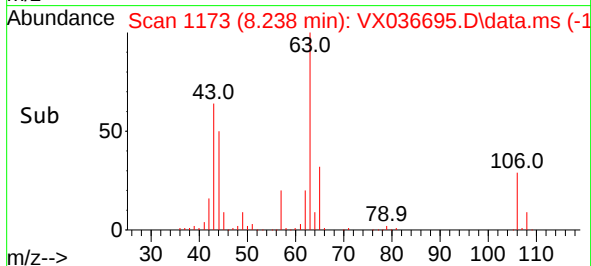
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0728WBSD01



Tgt Ion: 63 Resp: 16710  
Ion Ratio Lower Upper  
63 100  
65 32.6 25.9 38.9  
106 29.2 21.8 32.8

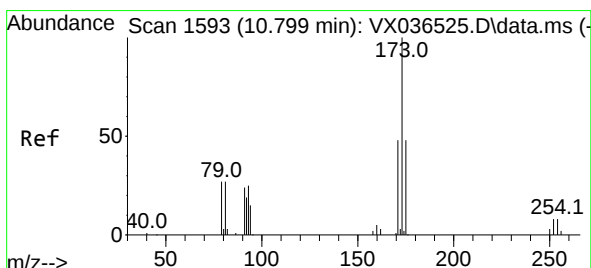
Manual Integrations  
APPROVED

Reviewed By :John  
Carlone



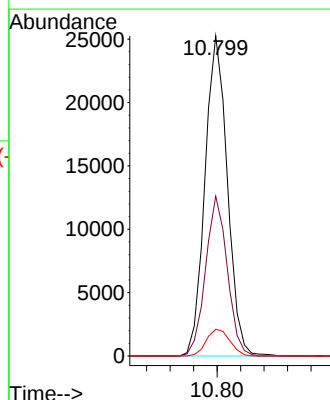
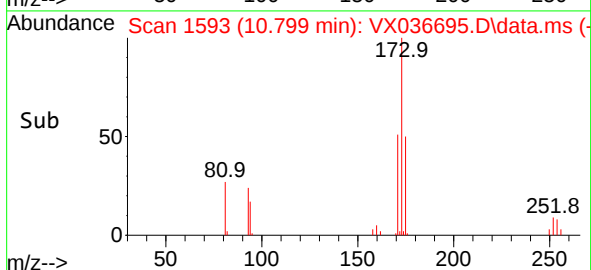
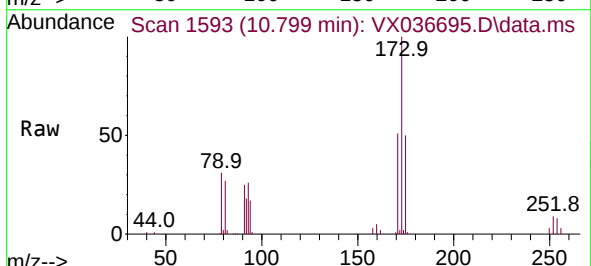
07/28/2023  
Supervised By :Mahesh  
Dadoda

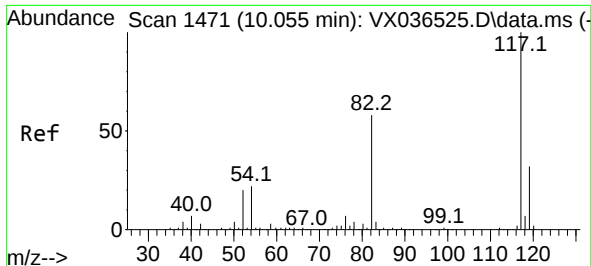
07/31/2023



#56  
Bromoform  
Concen: 20.951 ug/l  
RT: 10.799 min Scan# 1593  
Delta R.T. -0.000 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22

Tgt Ion:173 Resp: 33402  
Ion Ratio Lower Upper  
173 100  
175 48.4 38.1 57.1  
254 8.8 6.7 10.1





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX036695.D

Acq: 28 Jul 2023 10:22

Instrument :

MSVOA\_X

ClientSampleId :

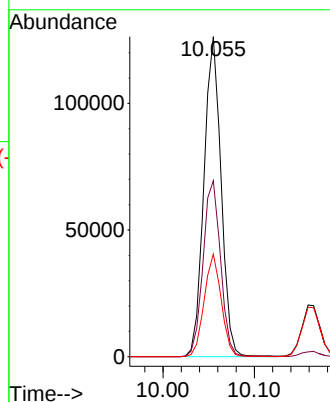
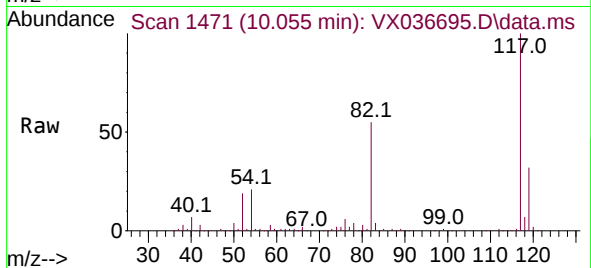
VX0728WBSD01

Tgt Ion: 117 Resp: 164362

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 82  | 56.1  | 44.7  | 67.1  |
| 119 | 31.9  | 25.6  | 38.4  |

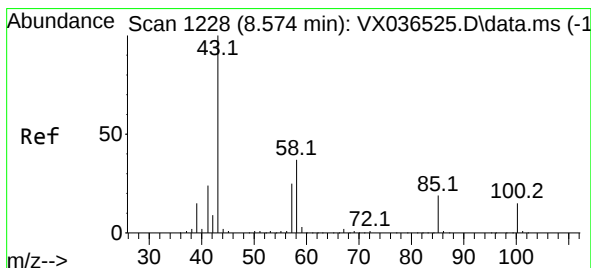
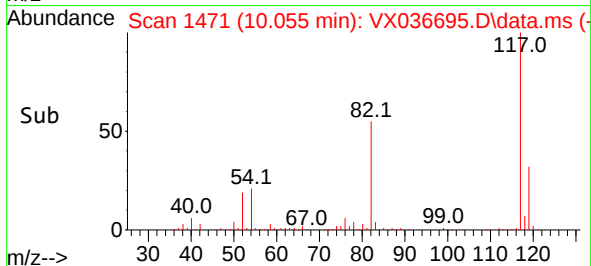
Manual Integrations  
APPROVED

Reviewed By :John  
Carlone



07/28/2023  
Supervised By :Mahesh  
Dadoda

07/31/2023



#58

4-Methyl-2-Pentanone

Concen: 91.182 ug/l

RT: 8.574 min Scan# 1228

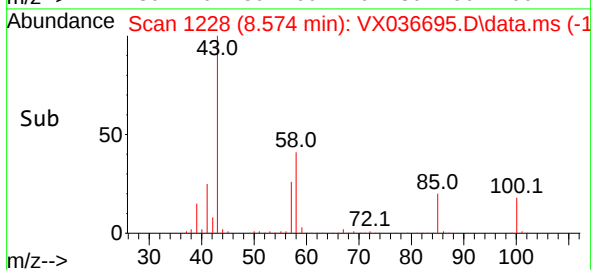
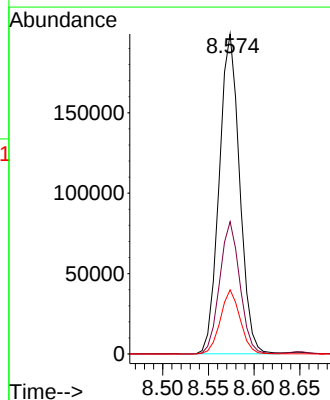
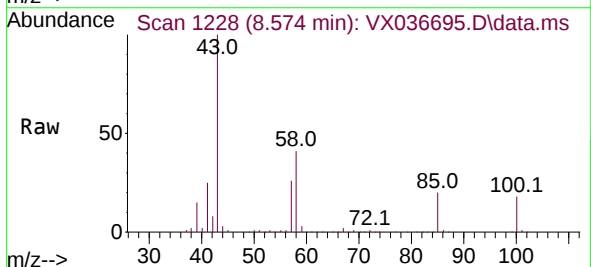
Delta R.T. -0.000 min

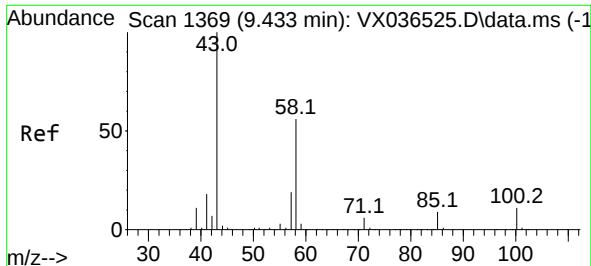
Lab File: VX036695.D

Acq: 28 Jul 2023 10:22

Tgt Ion: 43 Resp: 309907

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 40.8  | 30.9  | 46.3  |
| 85  | 19.5  | 14.4  | 21.6  |





#59

2-Hexanone

Concen: 92.294 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX036695.D

Acq: 28 Jul 2023 10:22

Instrument :

MSVOA\_X

ClientSampleId :

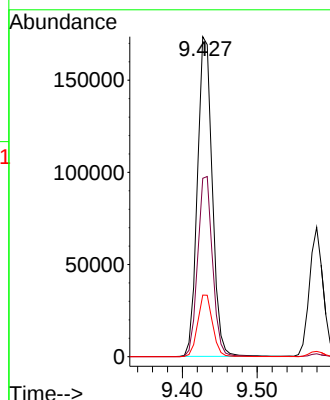
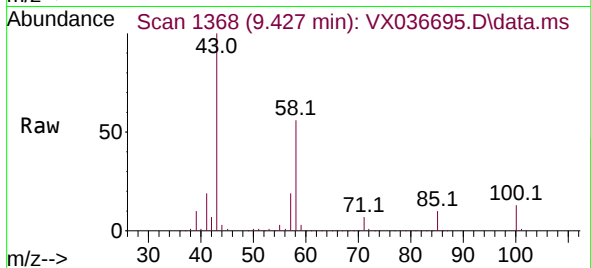
VX0728WBSD01

Tgt Ion: 43 Resp: 23864

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 56.5  | 43.4  | 65.2  |
| 57  | 19.3  | 15.1  | 22.7  |

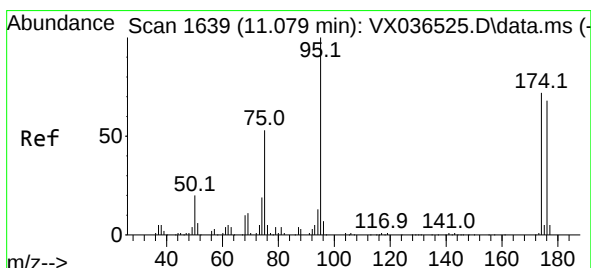
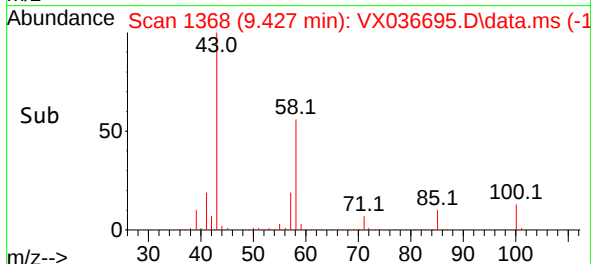
Manual Integrations  
APPROVED

Reviewed By :John  
Carlone



07/28/2023  
Supervised By :Mahesh  
Dadoda

07/31/2023



#60

4-Bromofluorobenzene

Concen: 30.248 ug/l

RT: 11.079 min Scan# 1639

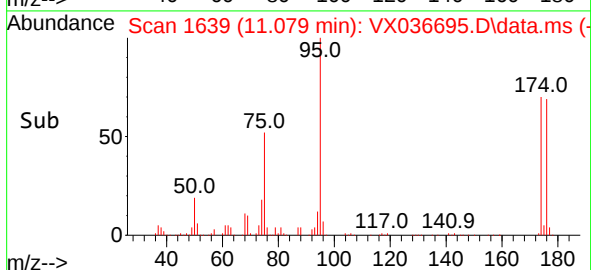
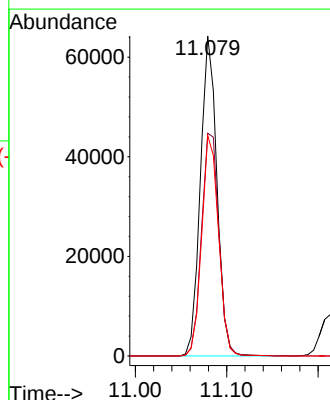
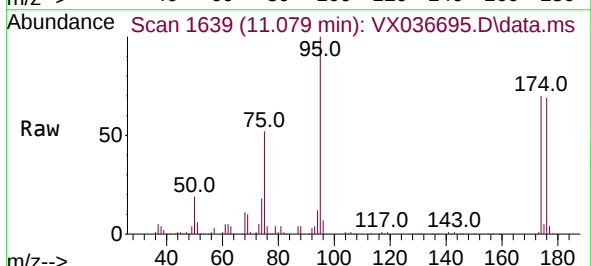
Delta R.T. -0.000 min

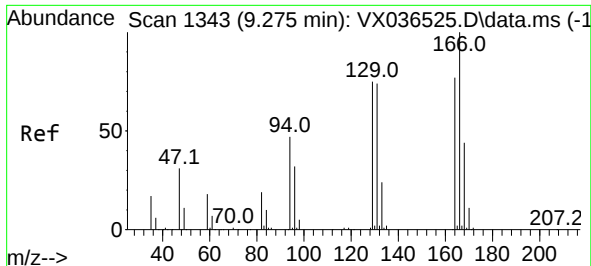
Lab File: VX036695.D

Acq: 28 Jul 2023 10:22

Tgt Ion: 95 Resp: 80646

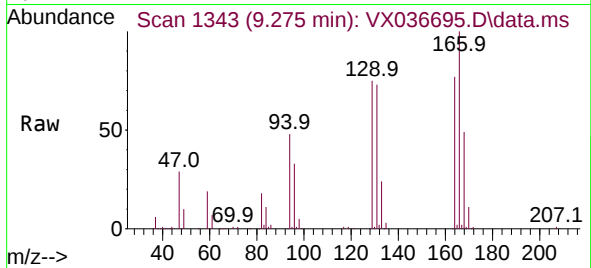
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 174 | 73.2  | 60.5  | 90.7  |
| 176 | 70.1  | 58.2  | 87.4  |





#61  
Tetrachloroethene  
Concen: 18.841 ug/l  
RT: 9.275 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22

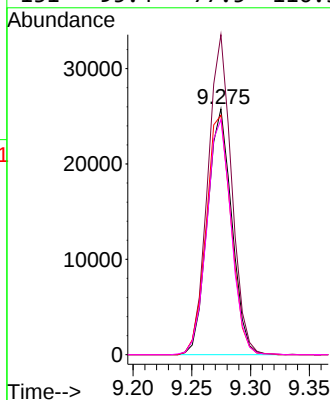
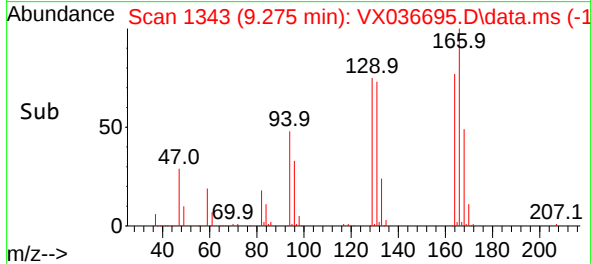
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0728WBSD01



Tgt Ion:164 Resp: 3709  
Ion Ratio Lower Upper  
164 100  
166 130.2 104.5 156.7  
129 97.4 78.0 117.0  
131 95.4 77.5 116.3

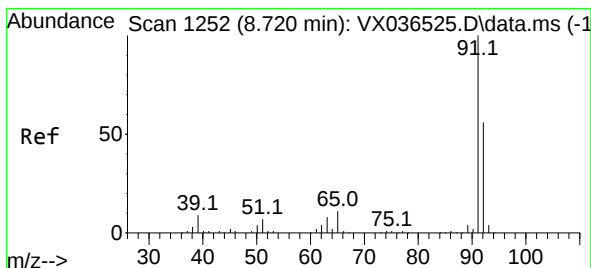
Manual Integrations  
APPROVED

Reviewed By :John  
Carlone



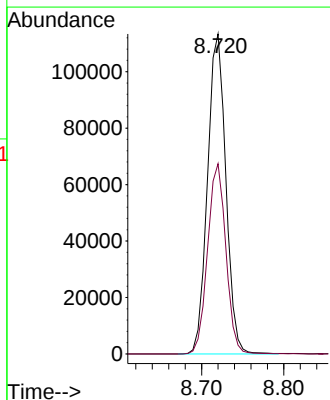
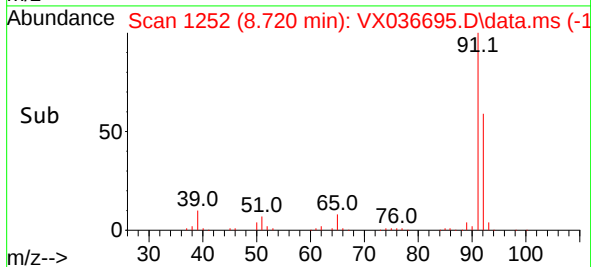
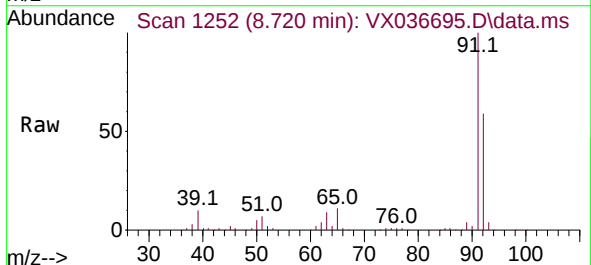
07/28/2023  
Supervised By :Mahesh  
Dadoda

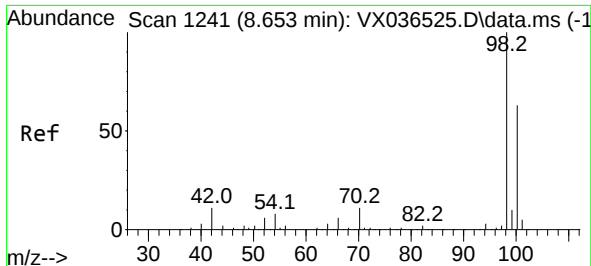
07/31/2023



#62  
Toluene  
Concen: 19.056 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22

Tgt Ion: 91 Resp: 175739  
Ion Ratio Lower Upper  
91 100  
92 59.1 44.9 67.3





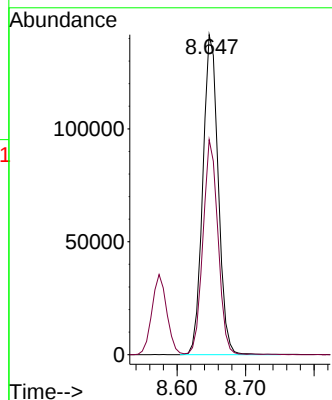
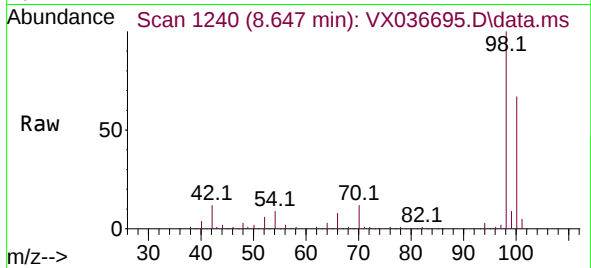
#63  
Toluene-d8  
Concen: 29.301 ug/l  
RT: 8.647 min Scan# 1241  
Delta R.T. -0.006 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0728WBSD01

Tgt Ion: 98 Resp: 221615  
Ion Ratio Lower Upper  
98 100  
100 65.5 51.6 77.4

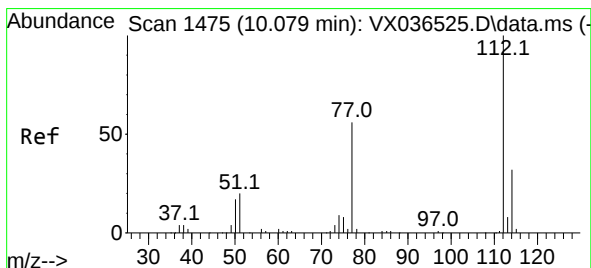
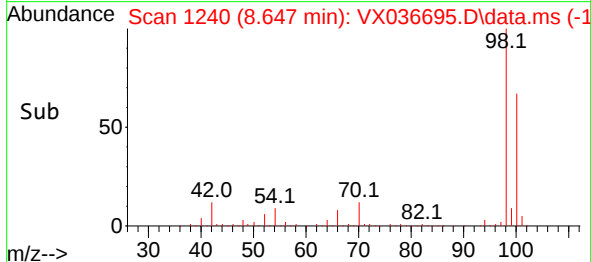
Manual Integrations  
APPROVED

Reviewed By :John  
Carlone



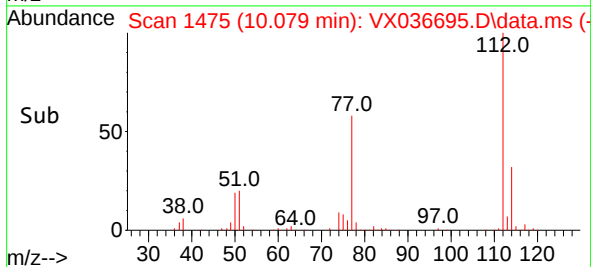
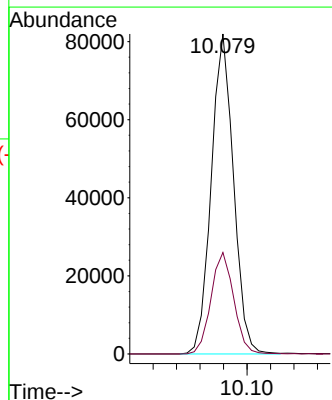
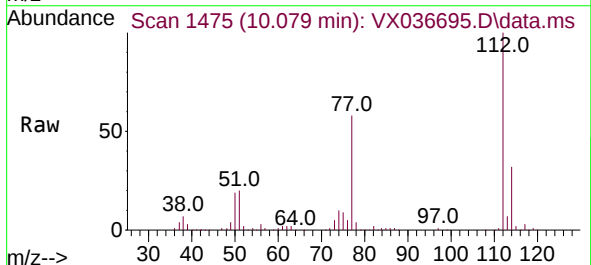
07/28/2023  
Supervised By :Mahesh  
Dadoda

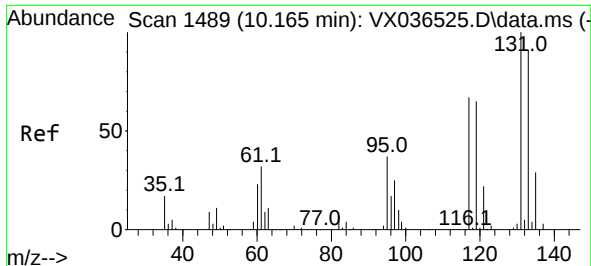
07/31/2023



#64  
Chlorobenzene  
Concen: 18.764 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22

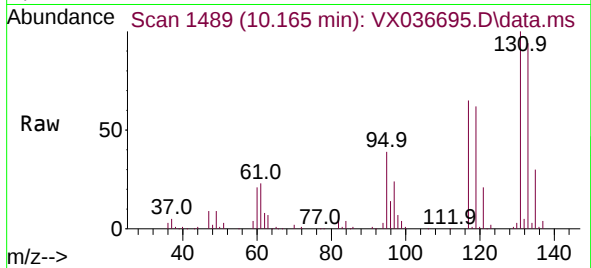
Tgt Ion:112 Resp: 107727  
Ion Ratio Lower Upper  
112 100  
114 31.7 25.8 38.6





#65  
1,1,1,2-Tetrachloroethane  
Concen: 20.377 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. -0.000 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22

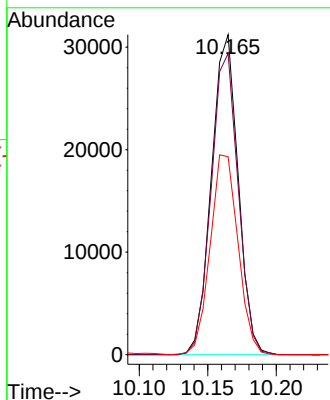
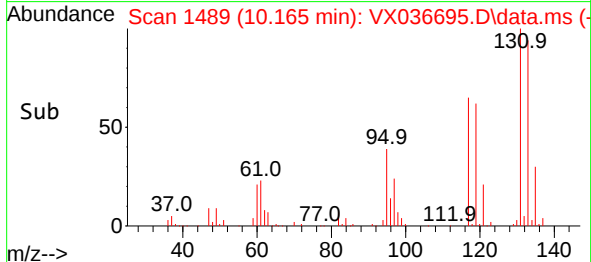
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0728WBSD01



Tgt Ion:131 Resp: 4225  
Ion Ratio Lower Upper  
131 100  
133 95.3 0.0 192.0  
119 65.2 0.0 132.8

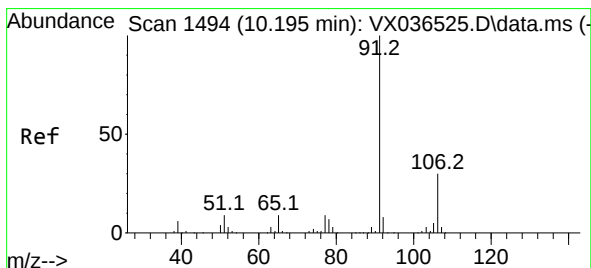
Manual Integrations  
APPROVED

Reviewed By :John  
Carlone



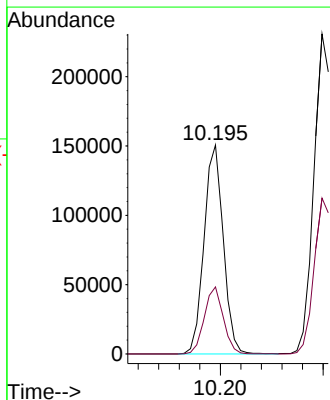
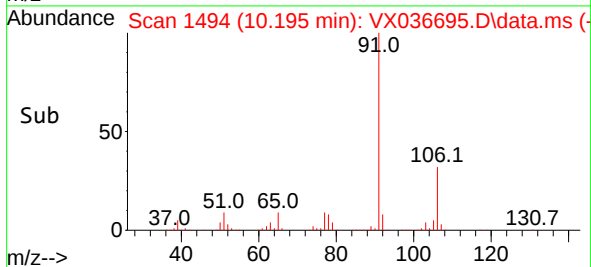
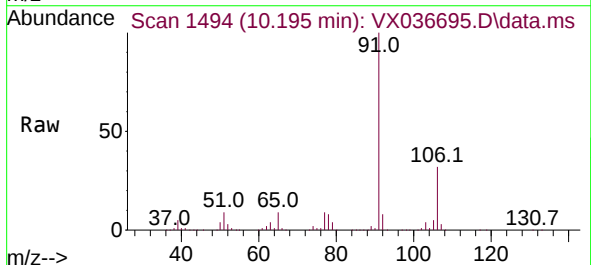
07/28/2023  
Supervised By :Mahesh  
Dadoda

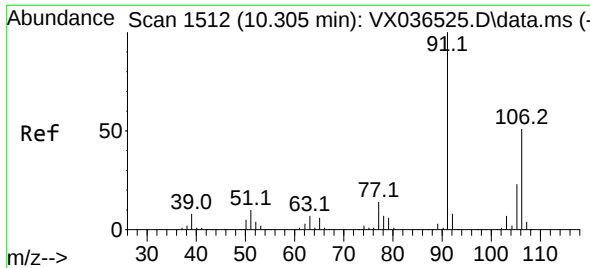
07/31/2023



#66  
Ethyl Benzene  
Concen: 19.610 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. -0.000 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22

Tgt Ion: 91 Resp: 196540  
Ion Ratio Lower Upper  
91 100  
106 32.1 24.2 36.4





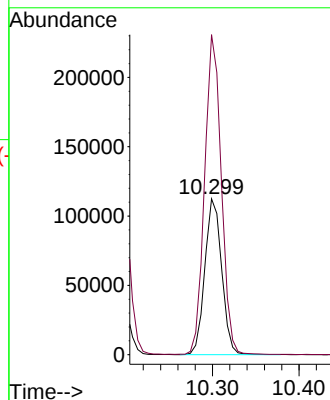
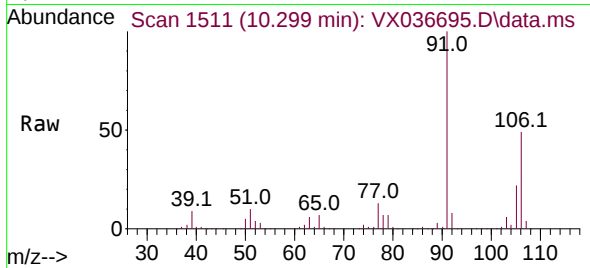
#67  
m/p-Xylenes  
Concen: 38.899 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. -0.006 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0728WBSD01

Tgt Ion:106 Resp: 151989  
Ion Ratio Lower Upper  
106 100  
91 203.5 160.5 240.7

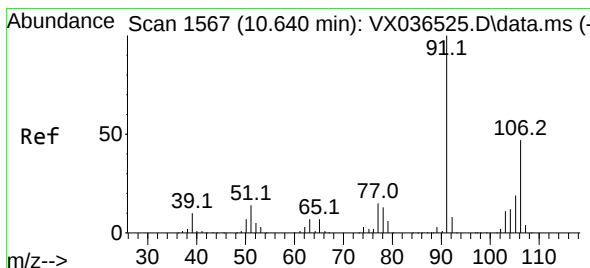
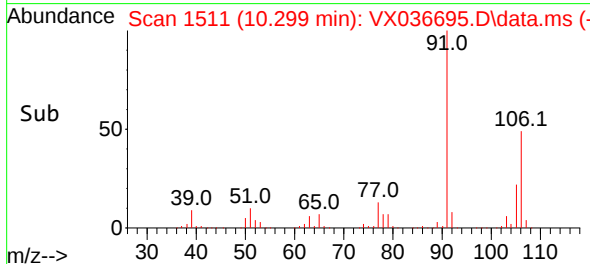
Manual Integrations  
APPROVED

Reviewed By :John  
Carlone



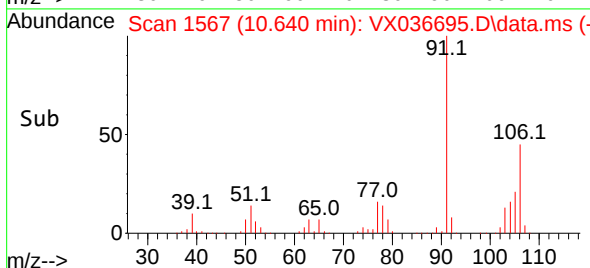
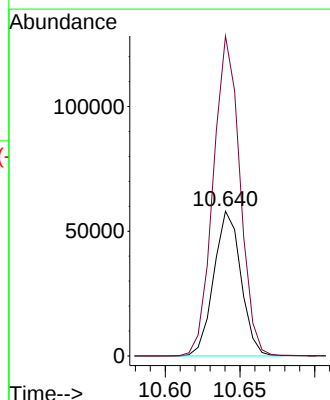
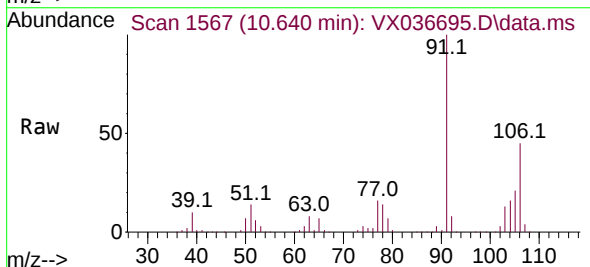
07/28/2023  
Supervised By :Mahesh  
Dadoda

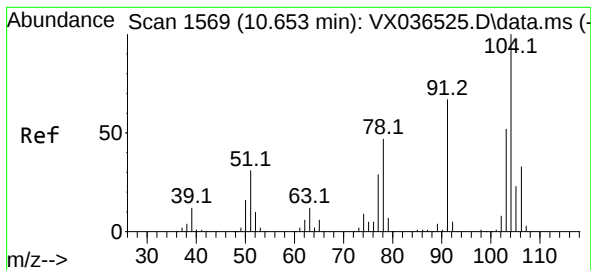
07/31/2023



#68  
o-Xylene  
Concen: 18.880 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22

Tgt Ion:106 Resp: 73214  
Ion Ratio Lower Upper  
106 100  
91 217.9 105.4 316.1





#69

Styrene

Concen: 19.210 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX036695.D

Acq: 28 Jul 2023 10:22

Instrument :

MSVOA\_X

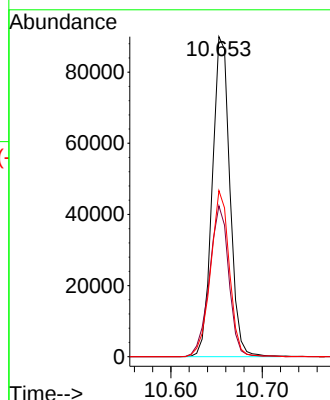
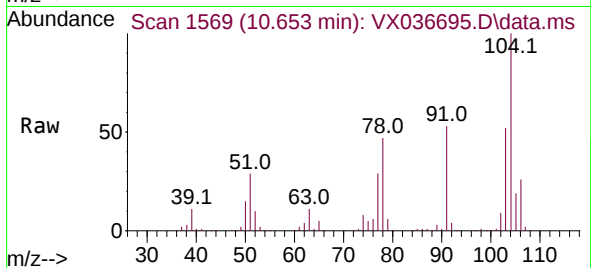
ClientSampleId :

VX0728WBSD01

Tgt Ion:104 Resp: 120778  
 Ion Ratio Lower Upper  
 104 100  
 78 52.0 41.0 61.4  
 103 55.1 45.5 68.3

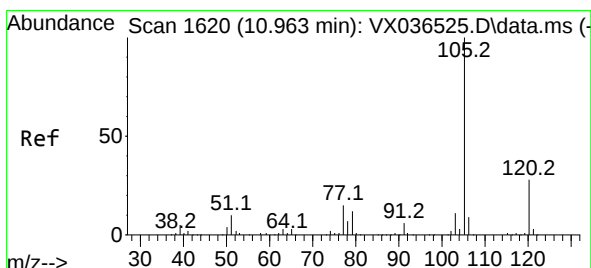
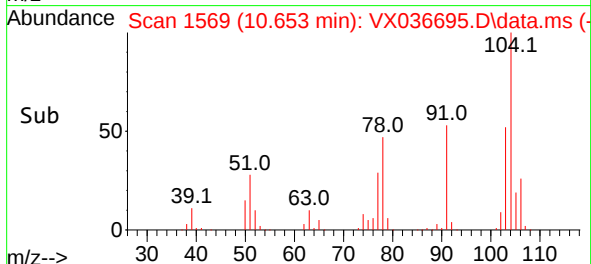
Manual Integrations  
 APPROVED

Reviewed By :John  
 Carlone



07/28/2023  
 Supervised By :Mahesh  
 Dadoda

07/31/2023



#70

Isopropylbenzene

Concen: 20.084 ug/l

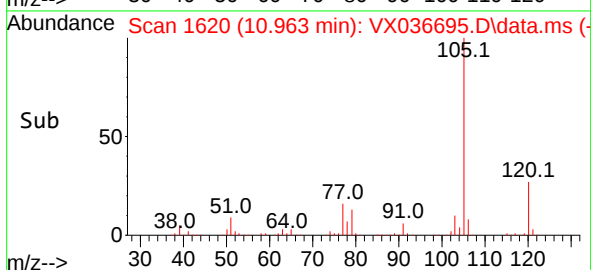
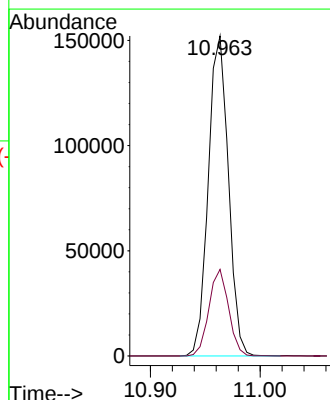
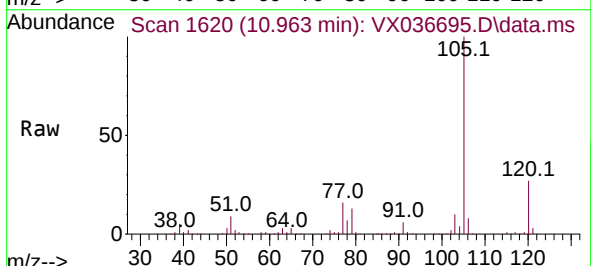
RT: 10.963 min Scan# 1620

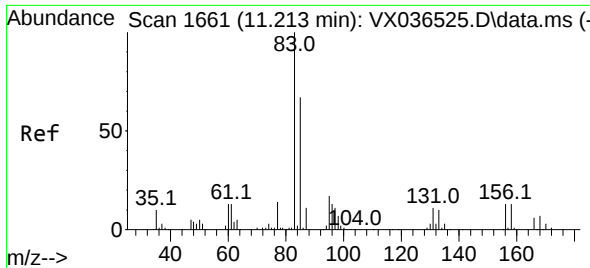
Delta R.T. -0.000 min

Lab File: VX036695.D

Acq: 28 Jul 2023 10:22

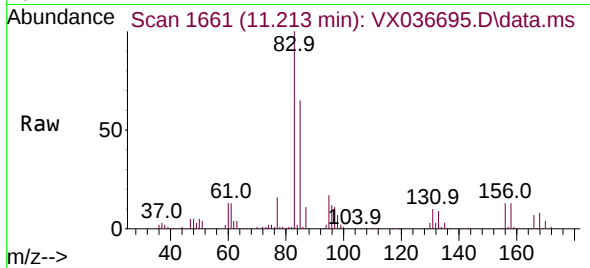
Tgt Ion:105 Resp: 193976  
 Ion Ratio Lower Upper  
 105 100  
 120 26.4 19.5 36.3





#71  
1,1,2,2-Tetrachloroethane  
Concen: 18.501 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. -0.000 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22

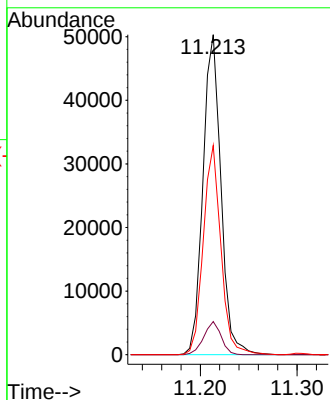
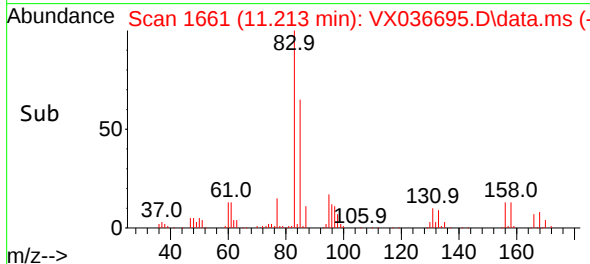
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0728WBSD01



Tgt Ion: 83 Resp: 65218  
Ion Ratio Lower Upper  
83 100  
131 10.0 5.3 15.8  
85 64.0 32.4 97.0

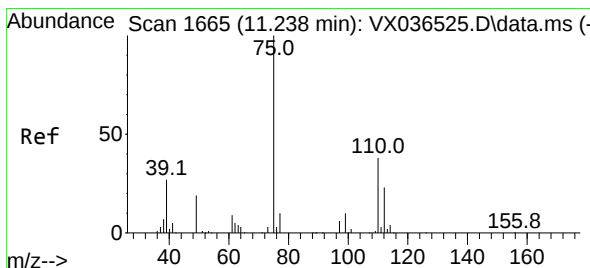
Manual Integrations  
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Reviewed By :John  
Carlone

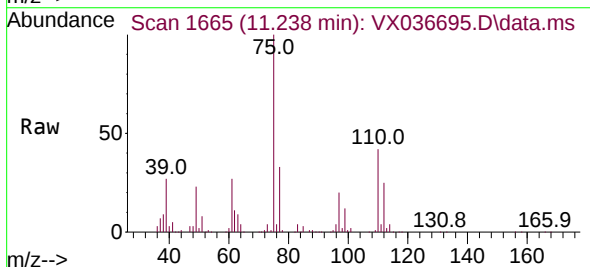


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Supervised By :Mahesh  
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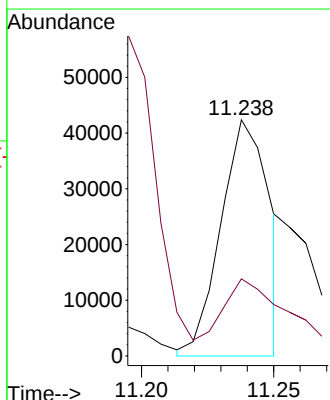
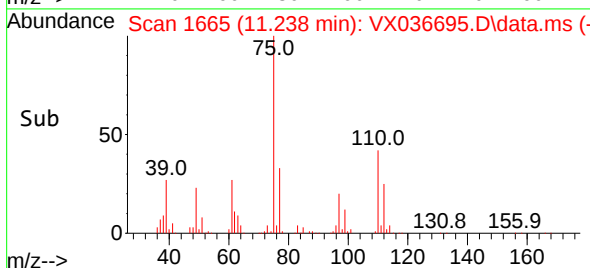
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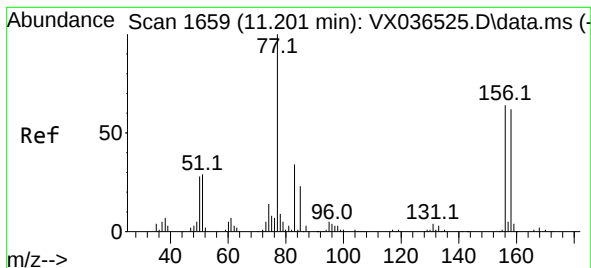


#72  
1,2,3-Trichloropropane  
Concen: 16.577 ug/l m  
RT: 11.238 min Scan# 1665  
Delta R.T. -0.000 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22



Tgt Ion: 75 Resp: 54150  
Ion Ratio Lower Upper  
75 100  
77 46.0 0.0 77.2





#73

Bromobenzene

Concen: 18.342 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX036695.D

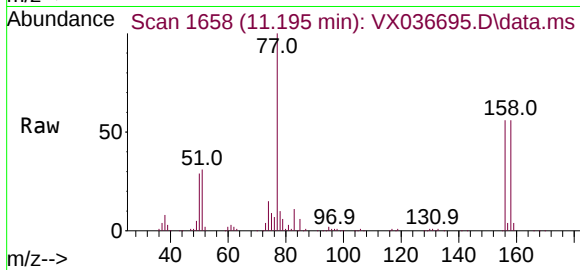
Acq: 28 Jul 2023 10:22

Instrument :

MSVOA\_X

ClientSampleId :

VX0728WBSD01



Tgt Ion:156 Resp: 43790

Ion Ratio Lower Upper

156 100

77 168.1 0.0 333.0

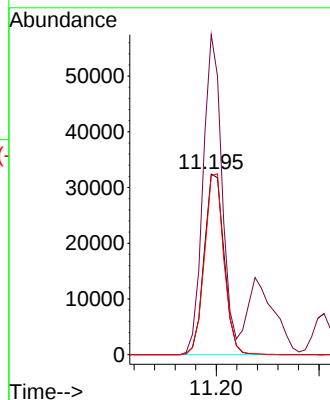
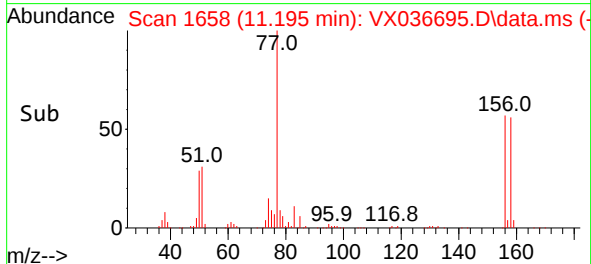
158 98.2 0.0 196.4

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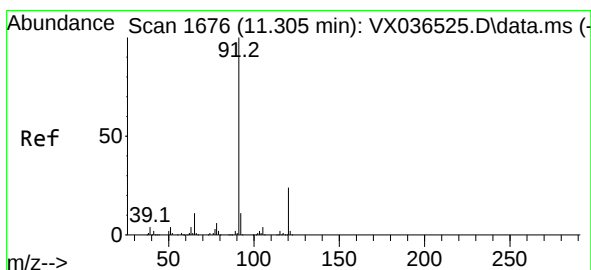


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#74

n-propylbenzene

Concen: 19.922 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX036695.D

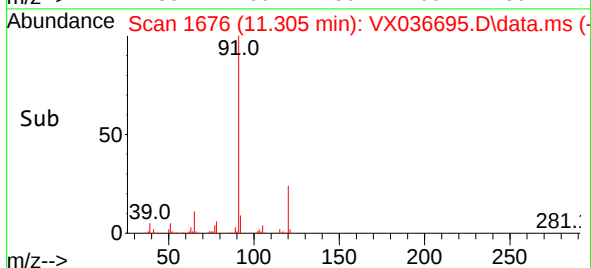
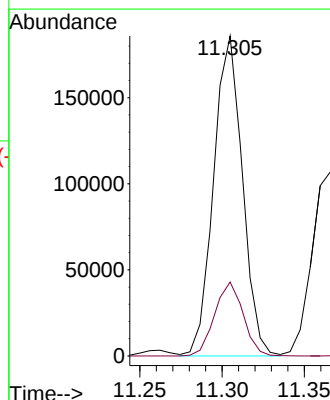
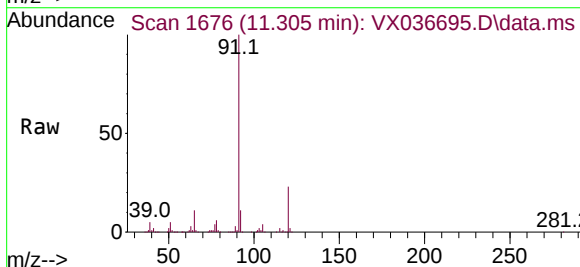
Acq: 28 Jul 2023 10:22

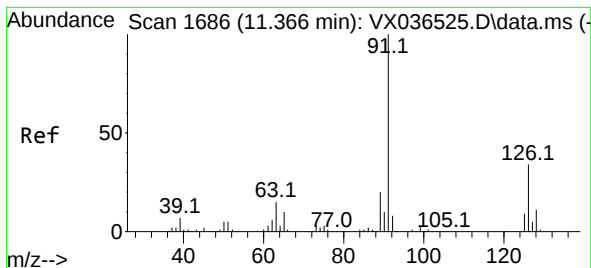
Tgt Ion: 91 Resp: 226470

Ion Ratio Lower Upper

91 100

120 22.9 0.0 46.6





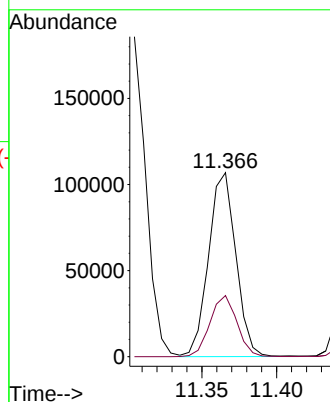
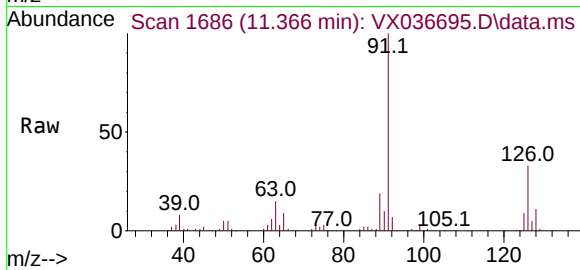
#75  
2-Chlorotoluene  
Concen: 19.633 ug/l  
RT: 11.366 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0728WBSD01

Tgt Ion: 91 Resp: 13572  
Ion Ratio Lower Upper  
91 100  
126 32.8 0.0 66.2

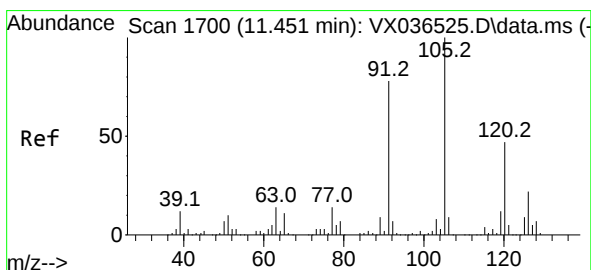
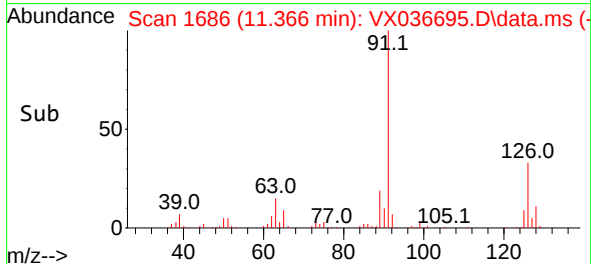
Manual Integrations  
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Reviewed By :John  
Carlone



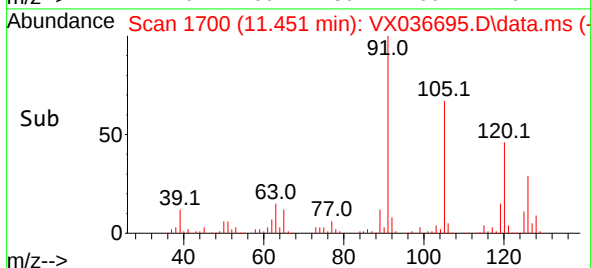
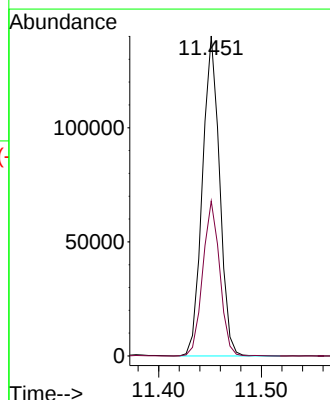
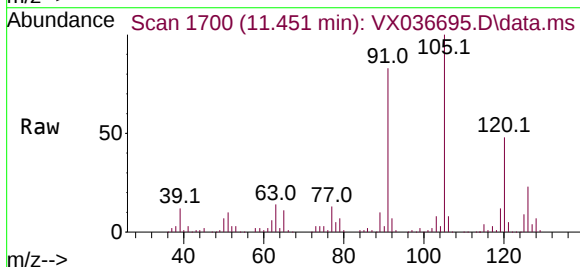
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Supervised By :Mahesh  
Dadoda

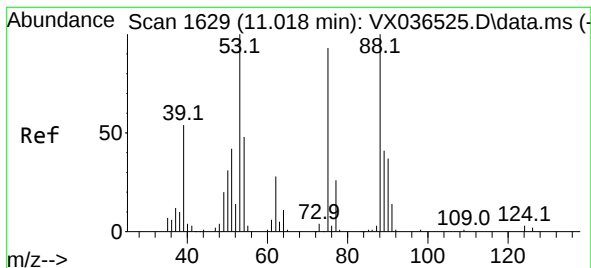
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#76  
1,3,5-Trimethylbenzene  
Concen: 19.639 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22

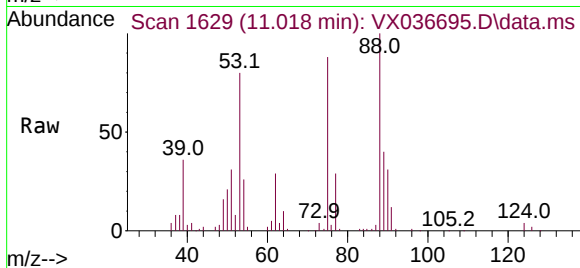
Tgt Ion:105 Resp: 162995  
Ion Ratio Lower Upper  
105 100  
120 47.9 0.0 96.4





#77  
t-1,4-Dichloro-2-butene  
Concen: 21.185 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. -0.000 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22

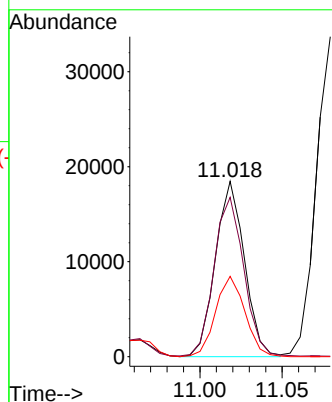
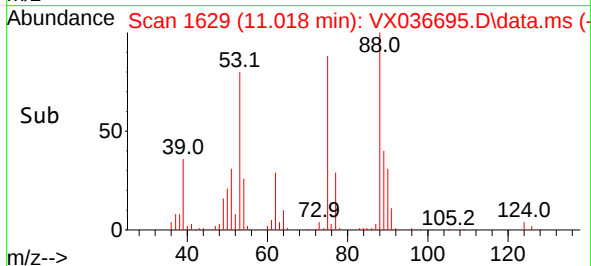
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0728WBSD01



Tgt Ion: 75 Resp: 22725  
Ion Ratio Lower Upper  
75 100  
53 90.5 53.9 161.7  
89 45.8 22.1 66.1

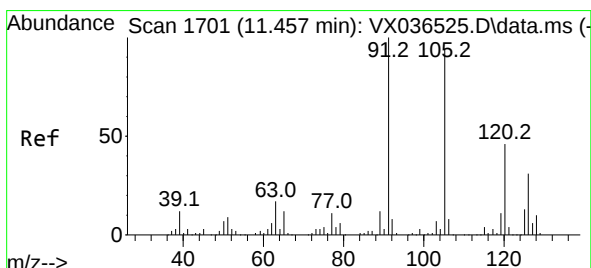
Manual Integrations  
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Reviewed By :John  
Carlone



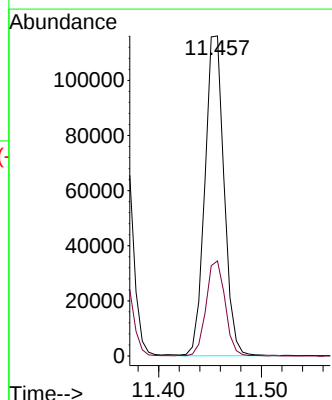
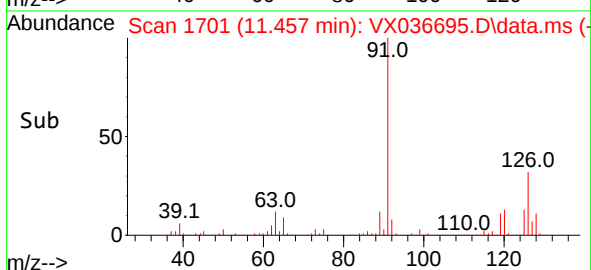
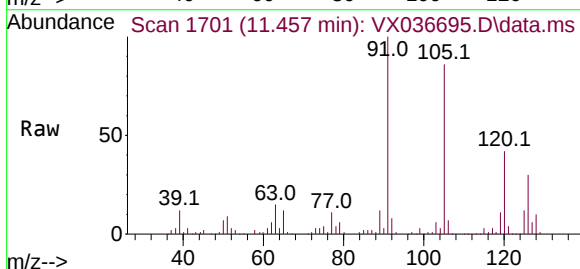
07/28/2023  
Supervised By :Mahesh  
Dadoda

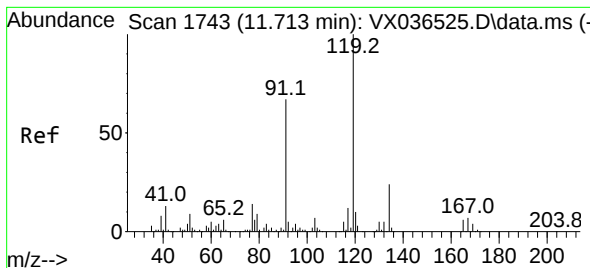
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#78  
4-Chlorotoluene  
Concen: 19.195 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22

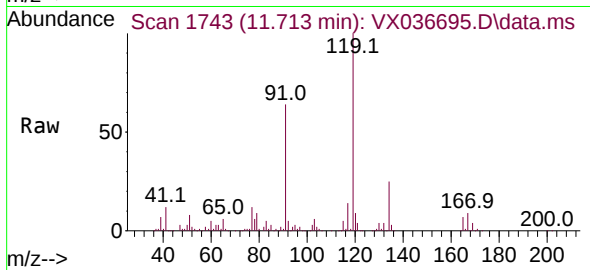
Tgt Ion: 91 Resp: 151086  
Ion Ratio Lower Upper  
91 100  
126 29.4 0.0 59.4





#79  
tert-butylbenzene  
Concen: 20.090 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. -0.000 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22

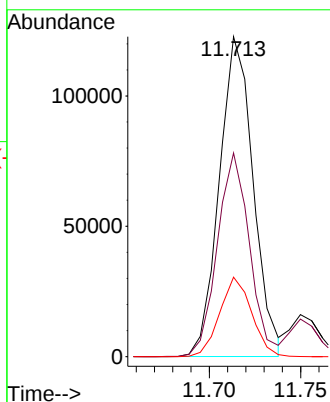
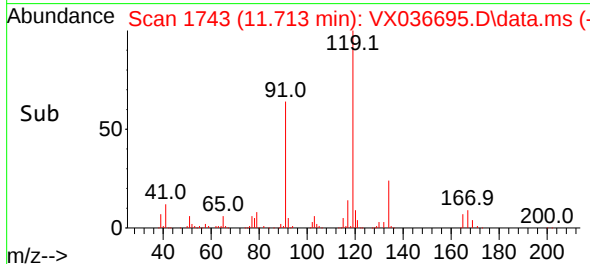
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0728WBSD01



Tgt Ion:119 Resp: 158259  
Ion Ratio Lower Upper  
119 100  
91 60.6 0.0 124.4  
134 23.5 0.0 47.2

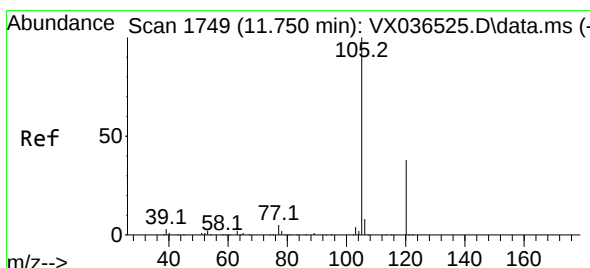
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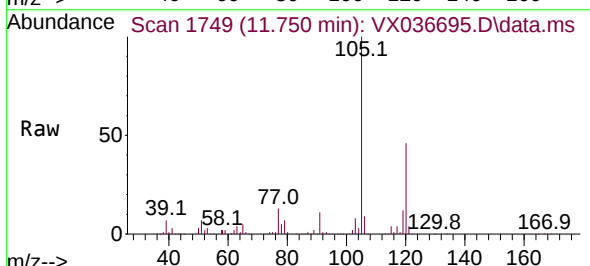


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Supervised By :Mahesh  
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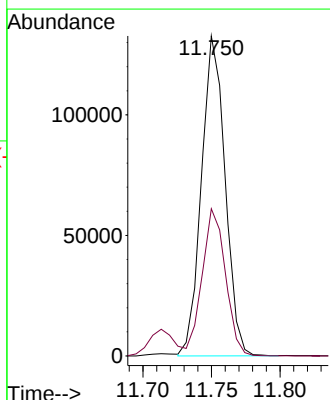
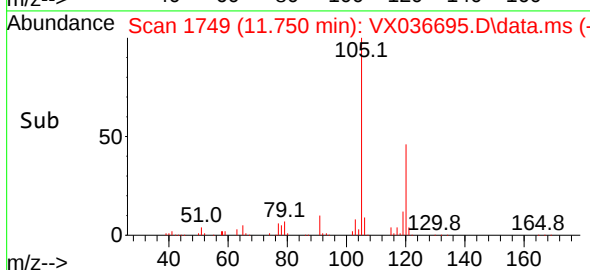
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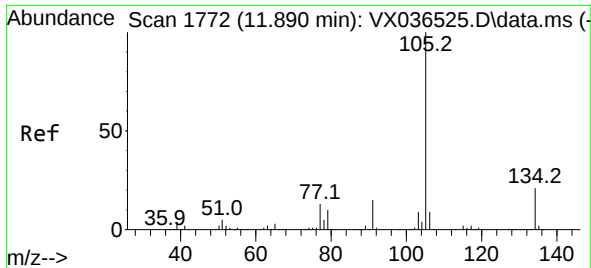


#80  
1,2,4-Trimethylbenzene  
Concen: 19.397 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22



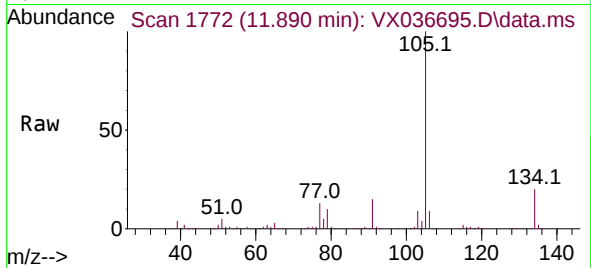
Tgt Ion:105 Resp: 159515  
Ion Ratio Lower Upper  
105 100  
120 45.3 0.0 90.2





#81  
 sec-Butylbenzene  
 Concen: 20.339 ug/l  
 RT: 11.890 min Scan# 1172  
 Delta R.T. -0.000 min  
 Lab File: VX036695.D  
 Acq: 28 Jul 2023 10:22

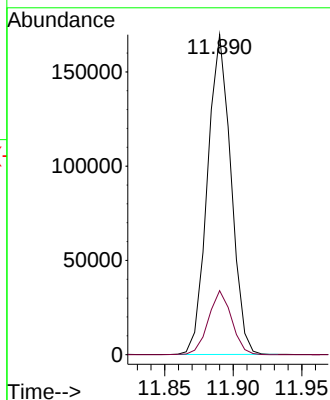
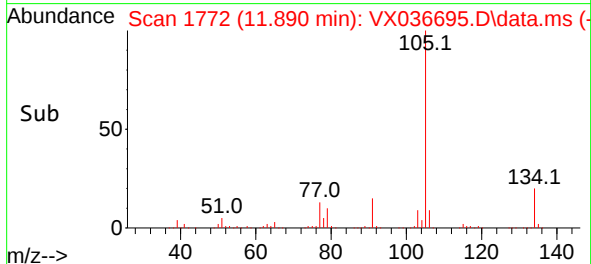
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0728WBSD01



Tgt Ion:105 Resp: 20166  
 Ion Ratio Lower Upper  
 105 100  
 134 19.8 0.0 41.2

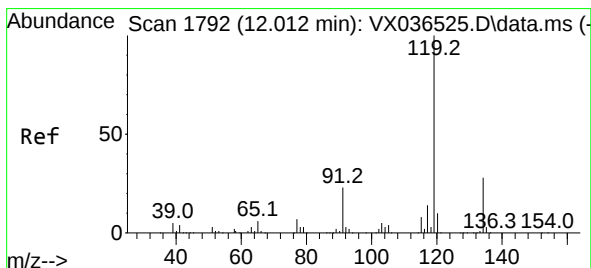
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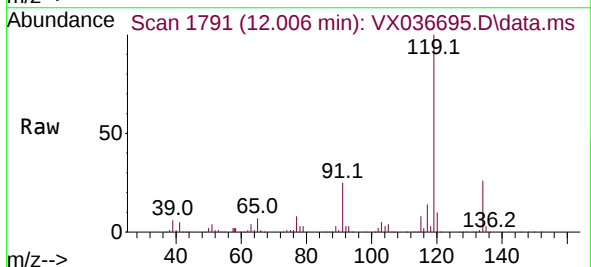


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 Supervised By :Mahesh  
 Dadoda

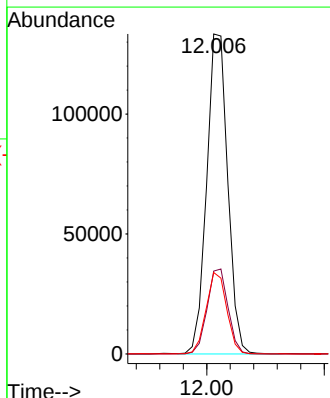
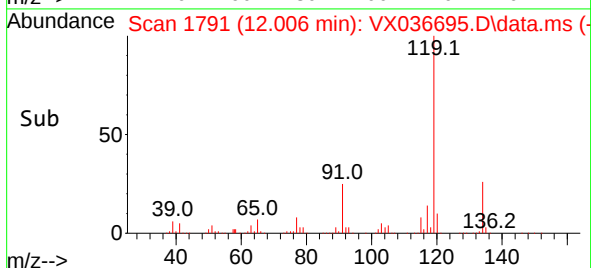
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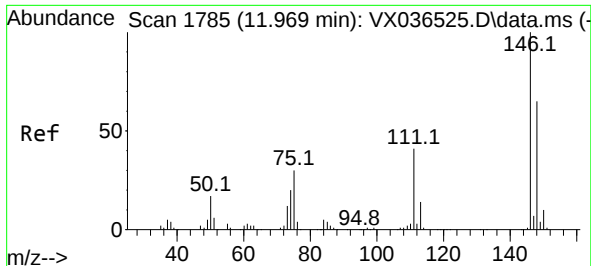


#82  
 p-Isopropyltoluene  
 Concen: 20.131 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. -0.006 min  
 Lab File: VX036695.D  
 Acq: 28 Jul 2023 10:22



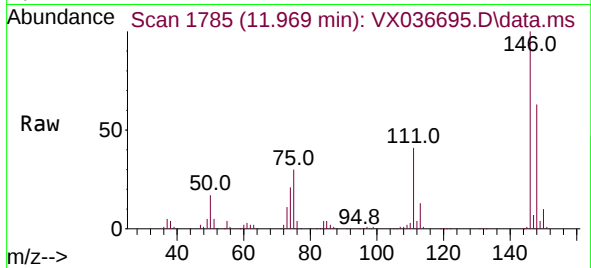
Tgt Ion:119 Resp: 166063  
 Ion Ratio Lower Upper  
 119 100  
 134 26.3 0.0 53.2  
 91 24.9 0.0 49.4





#83  
1,3-Dichlorobenzene  
Concen: 18.467 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. -0.000 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22

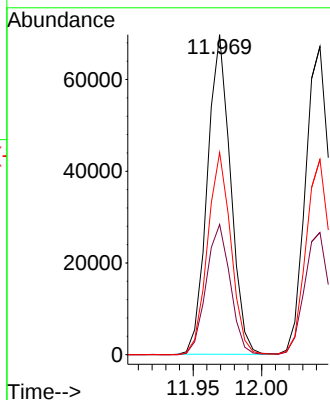
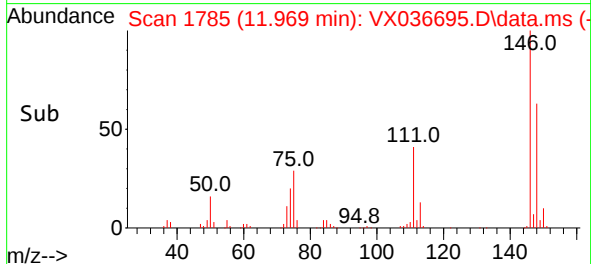
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0728WBSD01



Tgt Ion:146 Resp: 82010  
Ion Ratio Lower Upper  
146 100  
111 42.3 20.4 61.2  
148 63.7 31.6 94.8

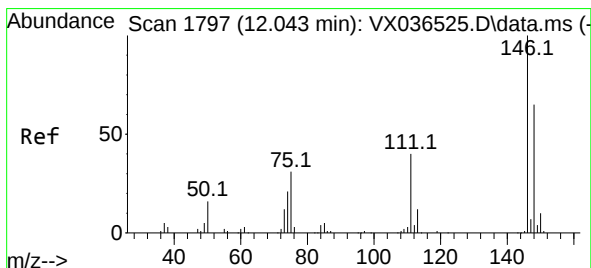
Manual Integrations  
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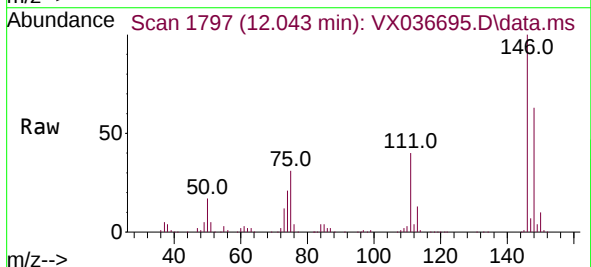


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Supervised By :Mahesh  
Dadoda

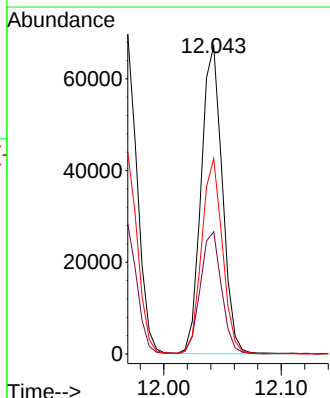
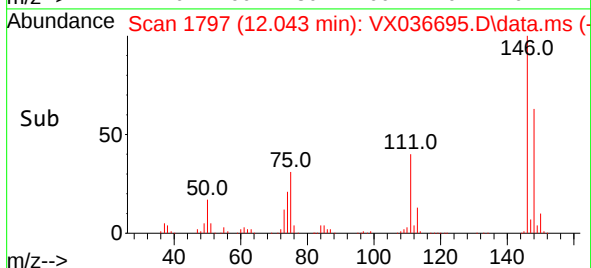
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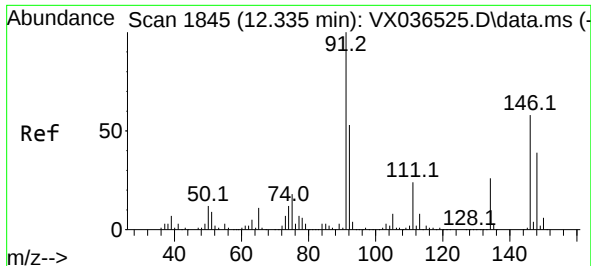


#84  
1,4-Dichlorobenzene  
Concen: 18.962 ug/l  
RT: 12.043 min Scan# 1797  
Delta R.T. -0.000 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22



Tgt Ion:146 Resp: 83912  
Ion Ratio Lower Upper  
146 100  
111 40.0 20.2 60.6  
148 62.5 32.1 96.3





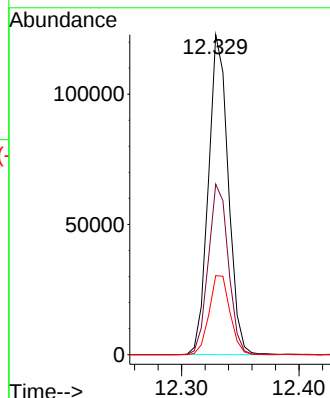
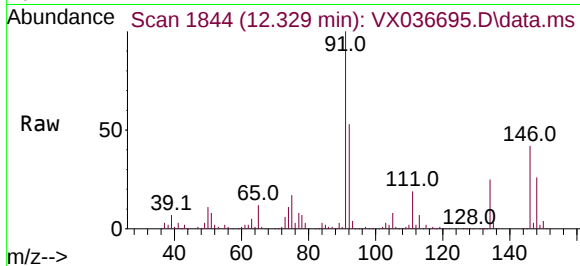
#85  
n-Butylbenzene  
Concen: 19.178 ug/l  
RT: 12.329 min Scan# 1844  
Delta R.T. -0.006 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0728WBSD01

Tgt Ion: 91 Resp: 14401  
Ion Ratio Lower Upper  
91 100  
92 53.9 0.0 105.2  
134 26.1 0.0 51.4

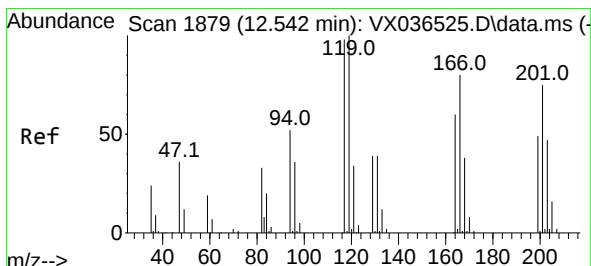
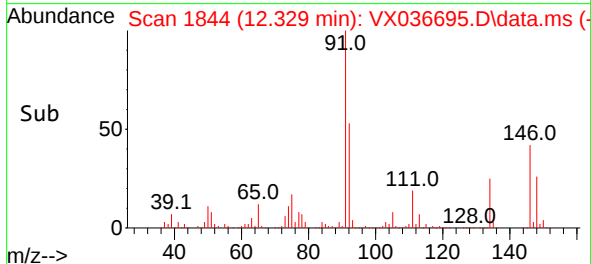
Manual Integrations  
APPROVED

Reviewed By :John  
Carlone



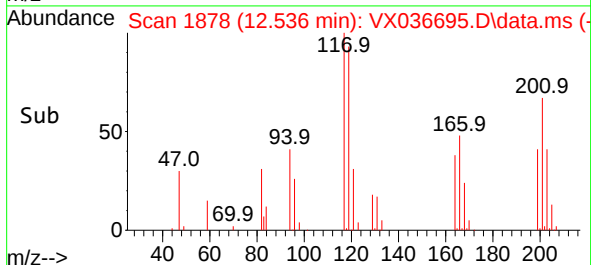
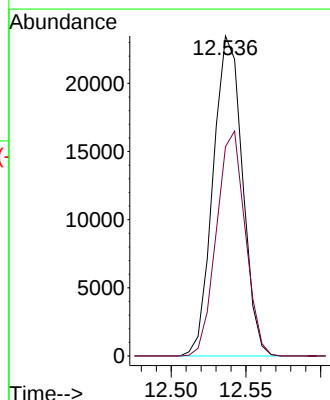
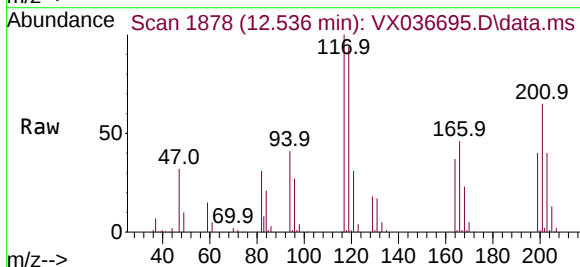
07/28/2023  
Supervised By :Mahesh  
Dadoda

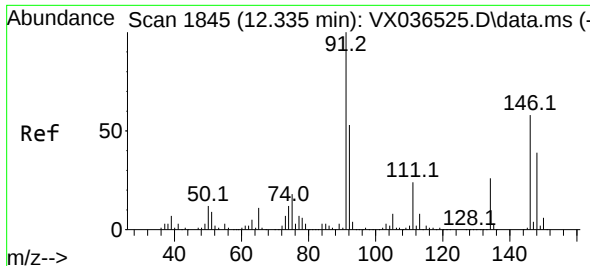
07/31/2023



#86  
Hexachloroethane  
Concen: 23.448 ug/l  
RT: 12.536 min Scan# 1878  
Delta R.T. -0.006 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22

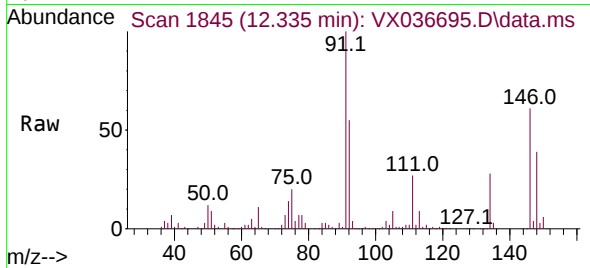
Tgt Ion:117 Resp: 32024  
Ion Ratio Lower Upper  
117 100  
201 69.0 36.0 108.0





#87  
1,2-Dichlorobenzene  
Concen: 17.961 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22

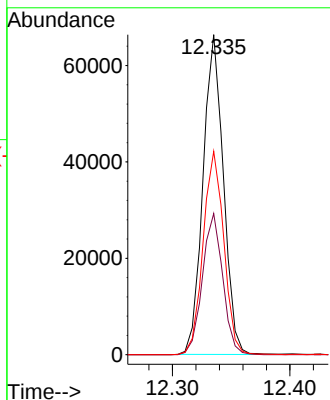
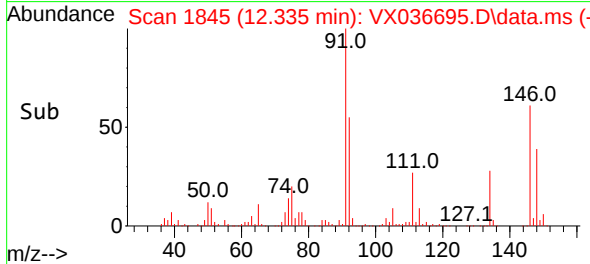
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0728WBSD01



Tgt Ion:146 Resp: 8000  
Ion Ratio Lower Upper  
146 100  
111 43.9 21.4 64.3  
148 64.6 33.2 99.6

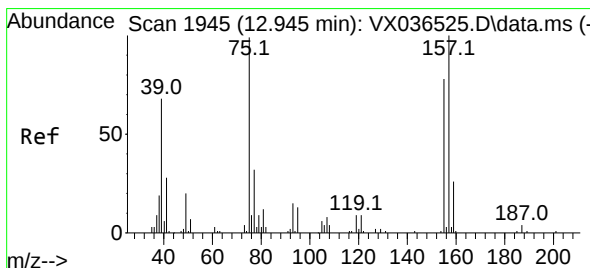
Manual Integrations  
APPROVED

Reviewed By :John  
Carlone



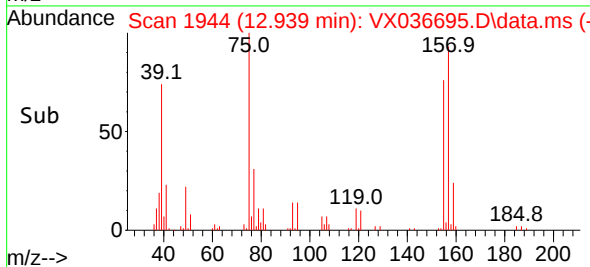
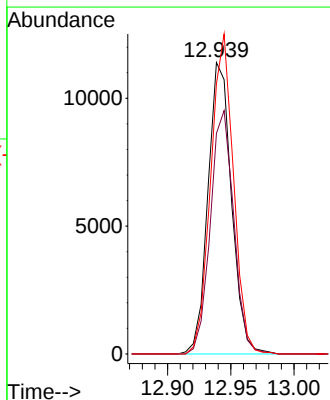
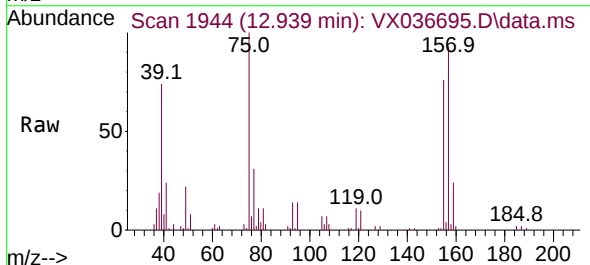
07/28/2023  
Supervised By :Mahesh  
Dadoda

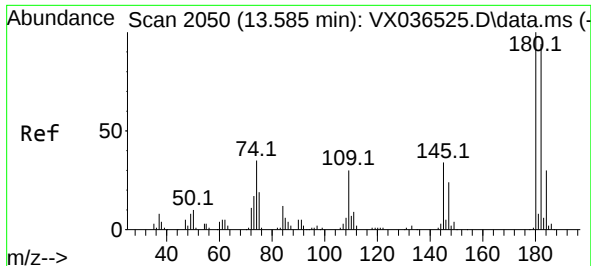
07/31/2023



#88  
1,2-Dibromo-3-Chloropropane  
Concen: 18.654 ug/l  
RT: 12.939 min Scan# 1944  
Delta R.T. -0.006 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22

Tgt Ion: 75 Resp: 14786  
Ion Ratio Lower Upper  
75 100  
155 82.6 62.7 94.1  
157 105.6 81.5 122.3





#89

1,2,4-Trichlorobenzene

Concen: 17.724 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX036695.D

Acq: 28 Jul 2023 10:22

Instrument :

MSVOA\_X

ClientSampleId :

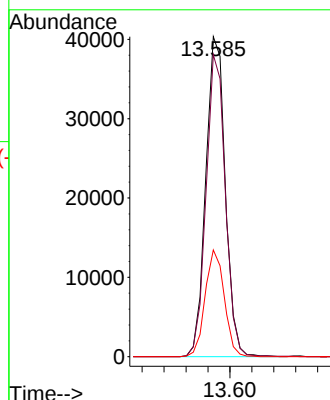
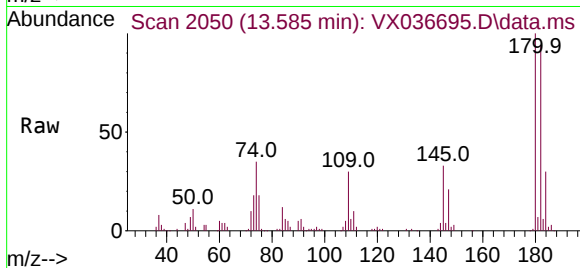
VX0728WBSD01

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 49780      |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 93.3  | 75.6 113.4 |
| 145         | 32.7  | 25.4 38.2  |

Manual Integrations

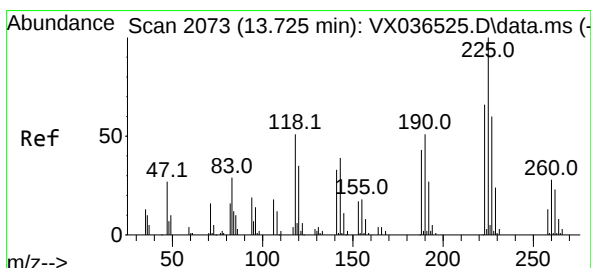
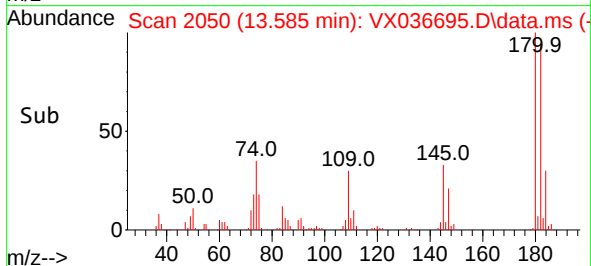
APPROVED

Reviewed By :John  
Carlone



07/28/2023  
Supervised By :Mahesh  
Dadoda

07/31/2023



#90

Hexachlorobutadiene

Concen: 19.722 ug/l

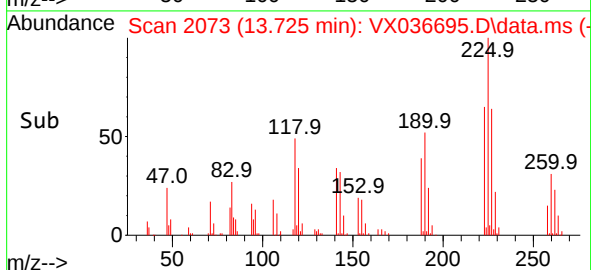
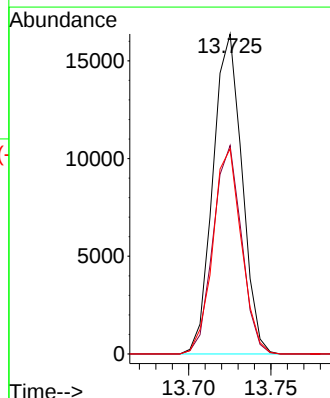
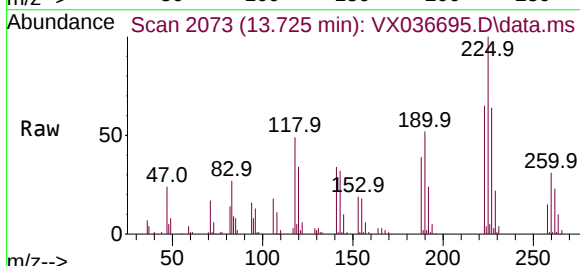
RT: 13.725 min Scan# 2073

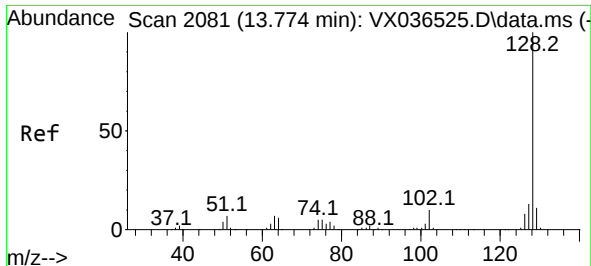
Delta R.T. -0.000 min

Lab File: VX036695.D

Acq: 28 Jul 2023 10:22

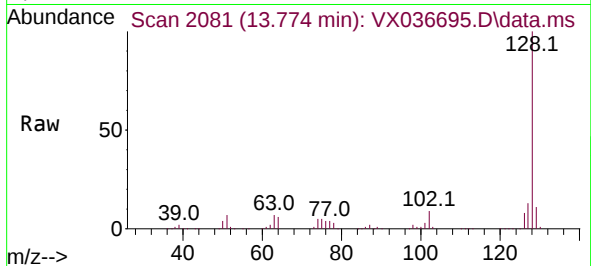
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 20122     |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 63.6  | 0.0 124.2 |
| 227         | 63.1  | 0.0 120.4 |





#91  
Naphthalene  
Concen: 17.494 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. -0.000 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22

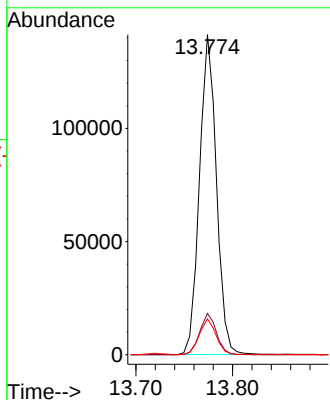
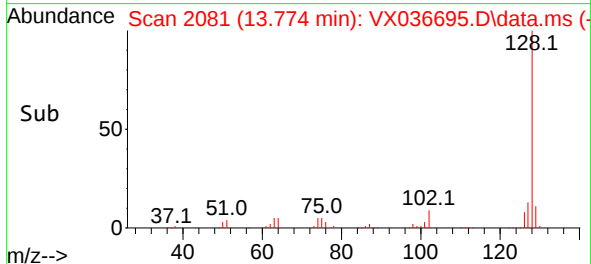
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0728WBSD01



Tgt Ion:128 Resp: 17242  
Ion Ratio Lower Upper  
128 100  
127 12.7 10.3 15.5  
129 11.1 8.7 13.1

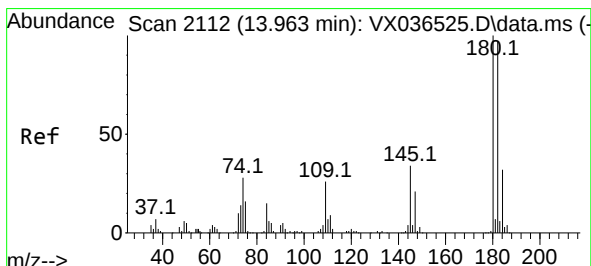
Manual Integrations  
APPROVED

Reviewed By :John  
Carlone

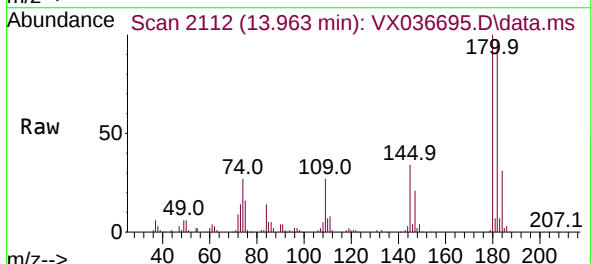


07/28/2023  
Supervised By :Mahesh  
Dadoda

07/31/2023



#92  
1,2,3-Trichlorobenzene  
Concen: 17.362 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. -0.000 min  
Lab File: VX036695.D  
Acq: 28 Jul 2023 10:22



Tgt Ion:180 Resp: 49226  
Ion Ratio Lower Upper  
180 100  
182 96.0 0.0 190.6  
145 34.9 0.0 66.8

