

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX111623\  
 Data File : VX038845.D  
 Acq On : 16 Nov 2023 18:12  
 Operator : JC/MD  
 Sample : VX1116WBSD01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1116WBSD01

Quant Time: Nov 16 23:05:09 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X111623W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 16 22:59:22 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : John Carlone 11/17/2023  
 Supervised By : Mahesh Dadoda 11/17/2023

| Compound                     | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|----------|--------|----------|
| -----                        |                |      |            |          |        |          |
| Internal Standards           |                |      |            |          |        |          |
| 1) Pentafluorobenzene        | 5.550          | 168  | 158351     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.763          | 114  | 301822     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055         | 117  | 276120     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024         | 152  | 135209     | 50.000   | ug/l   | 0.00     |
|                              |                |      |            |          |        |          |
| System Monitoring Compounds  |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.958          | 65   | 129916     | 50.916   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 78 - 117 |      | Recovery = | 101.840% |        |          |
| 35) Dibromofluoromethane     | 5.391          | 113  | 106184     | 48.712   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = | 97.420%  |        |          |
| 50) Toluene-d8               | 8.647          | 98   | 407174     | 48.821   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 92 - 112 |      | Recovery = | 97.640%  |        |          |
| 62) 4-Bromofluorobenzene     | 11.079         | 95   | 156589     | 46.902   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = | 93.800%  |        |          |
|                              |                |      |            |          |        |          |
| Target Compounds             |                |      |            |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.166          | 85   | 38333      | 20.747   | ug/l   | 98       |
| 3) Chloromethane             | 1.301          | 50   | 45241      | 18.760   | ug/l   | 100      |
| 4) Vinyl Chloride            | 1.374          | 62   | 44784      | 19.278   | ug/l   | 99       |
| 5) Bromomethane              | 1.605          | 94   | 28780      | 29.965   | ug/l   | 99       |
| 6) Chloroethane              | 1.685          | 64   | 26309      | 19.845   | ug/l   | 95       |
| 7) Trichlorofluoromethane    | 1.886          | 101  | 58735      | 19.925   | ug/l   | 98       |
| 8) Diethyl Ether             | 2.136          | 74   | 24192      | 18.842   | ug/l   | 98       |
| 9) 1,1,2-Trichlorotrifluo... | 2.331          | 101  | 37112      | 18.984   | ug/l   | 98       |
| 10) Methyl Iodide            | 2.453          | 142  | 46302      | 19.460   | ug/l   | 89       |
| 11) Tert butyl alcohol       | 2.953          | 59   | 79008      | 111.330  | ug/l # | 93       |
| 12) 1,1-Dichloroethene       | 2.319          | 96   | 38361      | 19.437   | ug/l   | 87       |
| 13) Acrolein                 | 2.233          | 56   | 37297      | 99.336   | ug/l   | 97       |
| 14) Allyl chloride           | 2.666          | 41   | 77820      | 19.694   | ug/l   | 91       |
| 15) Acrylonitrile            | 3.062          | 53   | 157616     | 105.110  | ug/l   | 98       |
| 16) Acetone                  | 2.380          | 43   | 141983     | 104.529  | ug/l # | 87       |
| 17) Carbon Disulfide         | 2.508          | 76   | 110759     | 18.117   | ug/l   | 99       |
| 18) Methyl Acetate           | 2.703          | 43   | 140701     | 21.808   | ug/l   | 97       |
| 19) Methyl tert-butyl Ether  | 3.117          | 73   | 142454     | 20.521   | ug/l   | 98       |
| 20) Methylene Chloride       | 2.788          | 84   | 45819      | 18.713   | ug/l   | 97       |
| 21) trans-1,2-Dichloroethene | 3.093          | 96   | 41707      | 19.152   | ug/l   | 97       |
| 22) Diisopropyl ether        | 3.764          | 45   | 146679     | 20.234   | ug/l # | 85       |
| 23) Vinyl Acetate            | 3.721          | 43   | 530012     | 101.518  | ug/l   | 99       |
| 24) 1,1-Dichloroethane       | 3.611          | 63   | 80557      | 19.872   | ug/l   | 99       |
| 25) 2-Butanone               | 4.556          | 43   | 232271     | 105.449  | ug/l   | 96       |
| 26) 2,2-Dichloropropane      | 4.477          | 77   | 66511      | 18.915   | ug/l   | 96       |
| 27) cis-1,2-Dichloroethene   | 4.489          | 96   | 49589      | 19.535   | ug/l   | 95       |
| 28) Bromochloromethane       | 4.898          | 49   | 40715      | 20.919   | ug/l   | 100      |
| 29) Tetrahydrofuran          | 5.001          | 42   | 149564     | 106.940  | ug/l   | 97       |
| 30) Chloroform               | 5.093          | 83   | 77372      | 19.546   | ug/l   | 96       |
| 31) Cyclohexane              | 5.471          | 56   | 70047      | 19.228   | ug/l   | 97       |
| 32) 1,1,1-Trichloroethane    | 5.385          | 97   | 66973      | 19.533   | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 5.696          | 75   | 58433      | 18.703   | ug/l   | 97       |
| 37) Ethyl Acetate            | 4.715          | 43   | 81023      | 19.906   | ug/l   | 97       |
| 38) Carbon Tetrachloride     | 5.678          | 117  | 56474      | 19.558   | ug/l   | 96       |
| 39) Methylcyclohexane        | 7.385          | 83   | 74526      | 18.288   | ug/l   | 96       |
| 40) Benzene                  | 6.038          | 78   | 177708     | 19.232   | ug/l   | 99       |

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 Sample : VX1116WBSD01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1116WBSD01

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 11/17/2023  
 Supervised By : Mahesh Dadoda 11/17/2023

Quant Time: Nov 16 23:05:09 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X111623W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 16 22:59:22 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.916  | 41   | 41925    | 19.859  | ug/l   | 92       |
| 42) 1,2-Dichloroethane        | 6.092  | 62   | 61001    | 19.925  | ug/l   | 93       |
| 43) Isopropyl Acetate         | 6.342  | 43   | 131201   | 20.169  | ug/l   | 98       |
| 44) Trichloroethene           | 7.129  | 130  | 43375    | 19.285  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 7.434  | 63   | 49868    | 20.054  | ug/l   | 98       |
| 46) Dibromomethane            | 7.580  | 93   | 33001    | 19.900  | ug/l   | 97       |
| 47) Bromodichloromethane      | 7.824  | 83   | 63801    | 19.385  | ug/l   | 98       |
| 48) Methyl methacrylate       | 7.696  | 41   | 60714    | 19.237  | ug/l   | 92       |
| 49) 1,4-Dioxane               | 7.659  | 88   | 24756    | 405.436 | ug/l # | 95       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 434381   | 104.492 | ug/l   | 98       |
| 52) Toluene                   | 8.720  | 92   | 108984   | 19.006  | ug/l   | 95       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 76759    | 19.625  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 78461    | 19.420  | ug/l   | 92       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 47613    | 19.900  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 79425    | 19.620  | ug/l   | 95       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 78587    | 19.860  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 179476   | 95.171  | ug/l   | 95       |
| 59) 2-Hexanone                | 9.427  | 43   | 346153   | 103.887 | ug/l   | 96       |
| 60) Dibromochloromethane      | 9.519  | 129  | 48453    | 19.917  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 49899    | 19.875  | ug/l   | 100      |
| 64) Tetrachloroethene         | 9.275  | 164  | 32703    | 19.054  | ug/l   | 95       |
| 65) Chlorobenzene             | 10.079 | 112  | 115418   | 19.405  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 41311    | 19.308  | ug/l   | 95       |
| 67) Ethyl Benzene             | 10.195 | 91   | 213848   | 19.569  | ug/l   | 100      |
| 68) m/p-Xylenes               | 10.299 | 106  | 160471   | 38.820  | ug/l   | 99       |
| 69) o-Xylene                  | 10.640 | 106  | 79197    | 19.362  | ug/l   | 99       |
| 70) Styrene                   | 10.653 | 104  | 133061   | 19.262  | ug/l   | 98       |
| 71) Bromoform                 | 10.799 | 173  | 35246    | 19.761  | ug/l # | 100      |
| 73) Isopropylbenzene          | 10.963 | 105  | 204243   | 19.388  | ug/l   | 98       |
| 74) N-amyl acetate            | 10.842 | 43   | 110088   | 19.769  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 82256    | 20.002  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 68231m   | 20.226  | ug/l   |          |
| 77) Bromobenzene              | 11.195 | 156  | 45518    | 19.229  | ug/l   | 97       |
| 78) n-propylbenzene           | 11.305 | 91   | 249695   | 19.256  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 147040   | 19.107  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 171845   | 19.400  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 30478    | 20.040  | ug/l # | 78       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 171126   | 19.286  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 11.713 | 119  | 168655   | 19.333  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 175304   | 19.553  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 220473   | 19.321  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 175648   | 19.175  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 90017    | 19.420  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 90498    | 19.075  | ug/l   | 98       |
| 89) n-Butylbenzene            | 12.335 | 91   | 173194   | 18.740  | ug/l   | 97       |
| 90) Hexachloroethane          | 12.536 | 117  | 34380    | 18.795  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 86317    | 19.633  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 20709    | 20.554  | ug/l   | 92       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 55620    | 18.879  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 18787    | 18.007  | ug/l   | 99       |
| 95) Naphthalene               | 13.774 | 128  | 215080   | 19.601  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 53826    | 19.273  | ug/l   | 97       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX111623\  
Data File : VX038845.D  
Acq On : 16 Nov 2023 18:12  
Operator : JC/MD  
Sample : VX1116WBSD01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1116WBSD01

Manual Integrations  
APPROVED

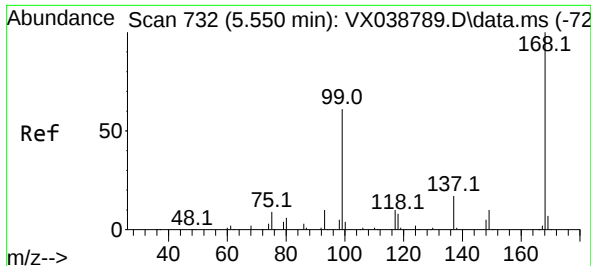
Reviewed By :John Carlone 11/17/2023  
Supervised By :Mahesh Dadoda 11/17/2023

Quant Time: Nov 16 23:05:09 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X111623W.M  
Quant Title : SW846 8260  
QLast Update : Thu Nov 16 22:59:22 2023  
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

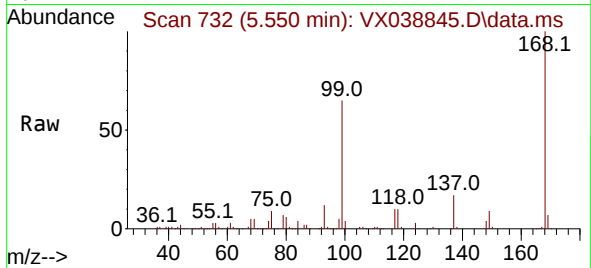
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

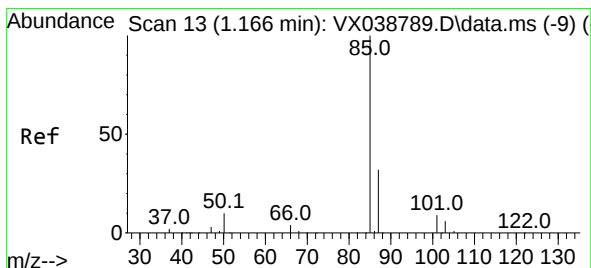
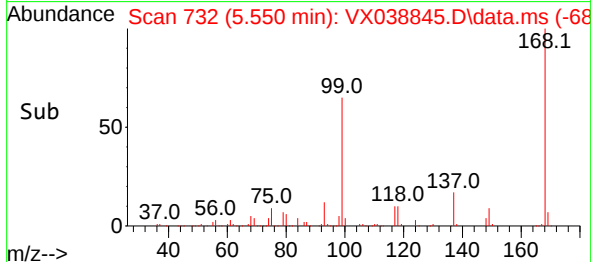
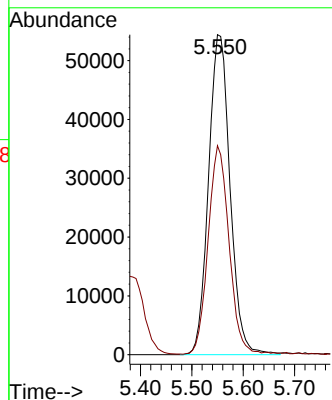
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1116WBSD01



Tgt Ion:168 Resp: 15835  
Ion Ratio Lower Upper  
168 100  
99 65.1 56.6 85.0

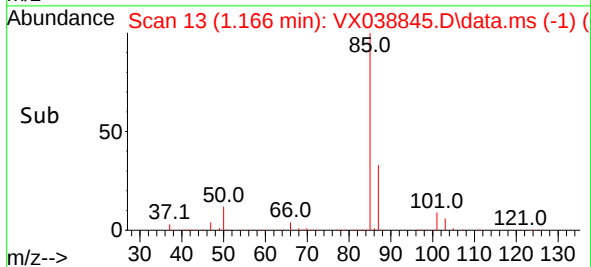
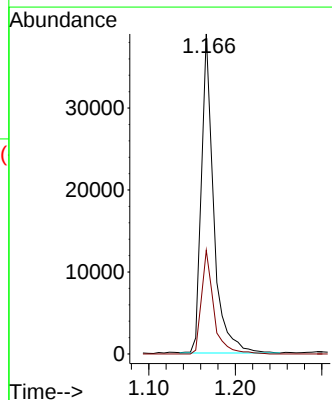
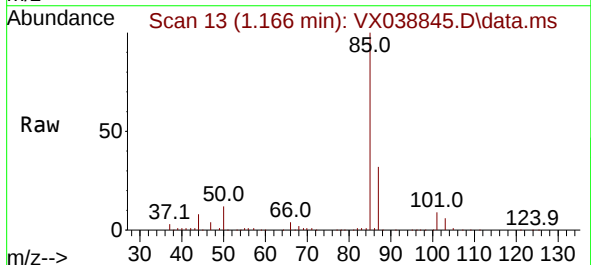
Manual Integrations  
APPROVED

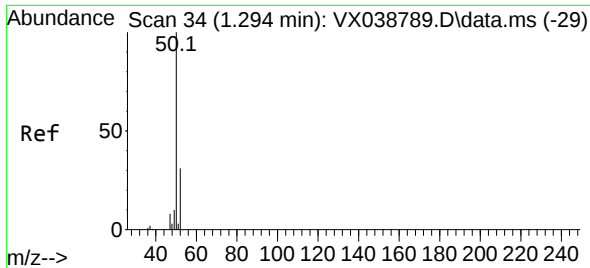
Reviewed By :John Carlone 11/17/2023  
Supervised By :Mahesh Dadoda 11/17/2023



#2  
Dichlorodifluoromethane  
Concen: 20.747 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

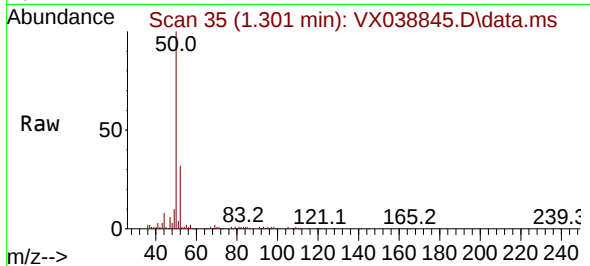
Tgt Ion: 85 Resp: 38333  
Ion Ratio Lower Upper  
85 100  
87 32.5 16.7 50.1





#3  
Chloromethane  
Concen: 18.760 ug/l  
RT: 1.301 min Scan# 35  
Delta R.T. 0.007 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

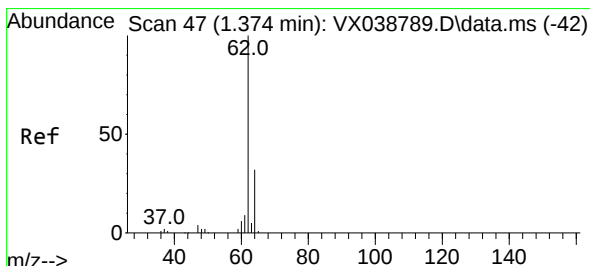
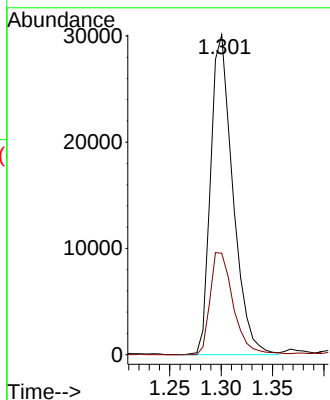
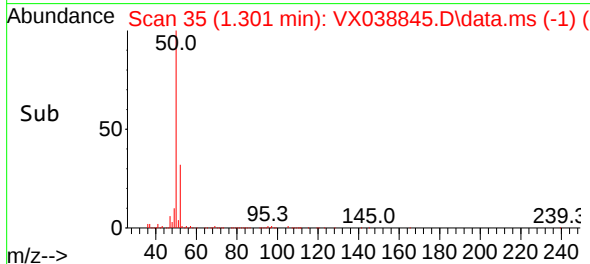
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1116WBSD01



Tgt Ion: 50 Resp: 4524  
Ion Ratio Lower Upper  
50 100  
52 31.7 25.5 38.3

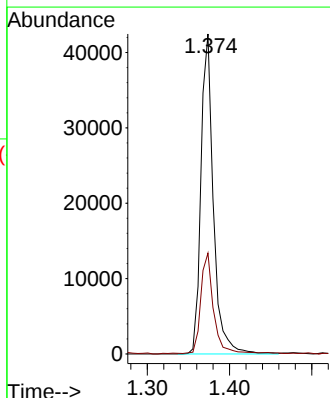
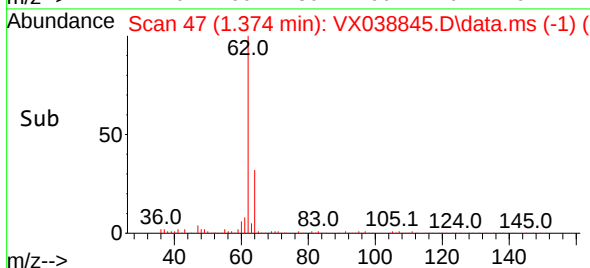
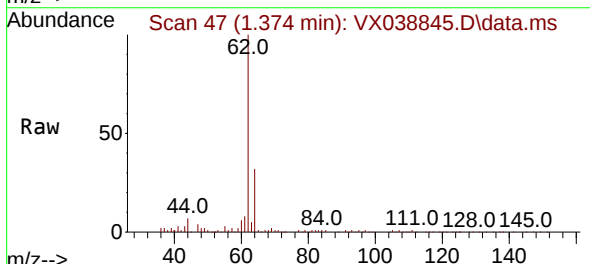
Manual Integrations  
APPROVED

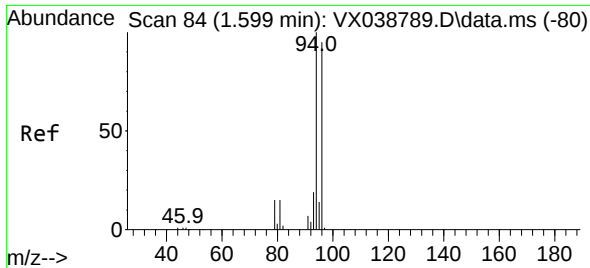
Reviewed By :John Carlone 11/17/2023  
Supervised By :Mahesh Dadoda 11/17/2023



#4  
Vinyl Chloride  
Concen: 19.278 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

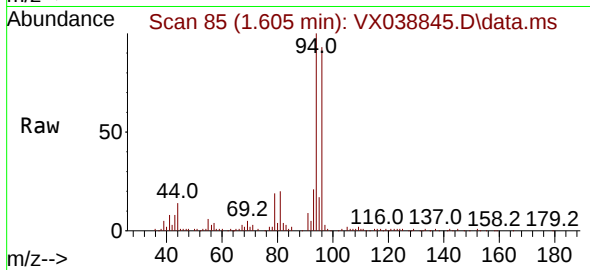
Tgt Ion: 62 Resp: 44784  
Ion Ratio Lower Upper  
62 100  
64 31.3 25.4 38.0





#5  
Bromomethane  
Concen: 29.965 ug/l  
RT: 1.605 min Scan# 84  
Delta R.T. 0.006 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

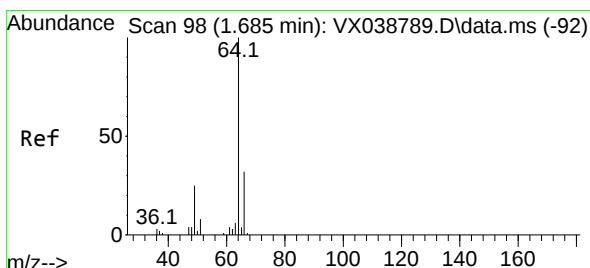
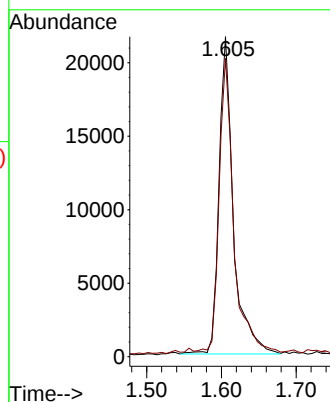
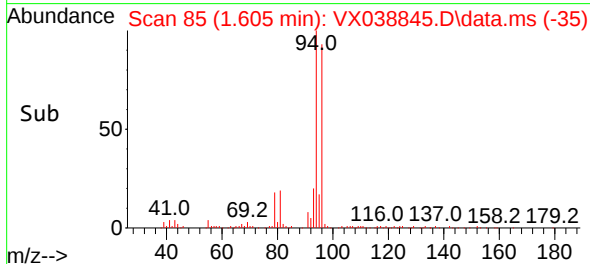
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1116WBSD01



Tgt Ion: 94 Resp: 28780  
Ion Ratio Lower Upper  
94 100  
96 92.7 74.6 111.8

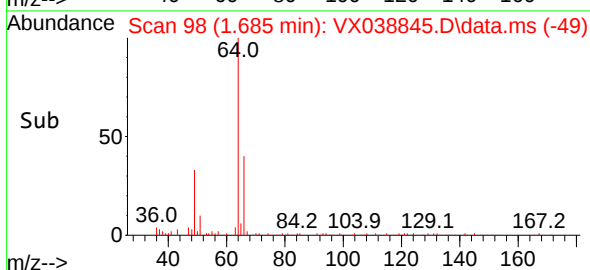
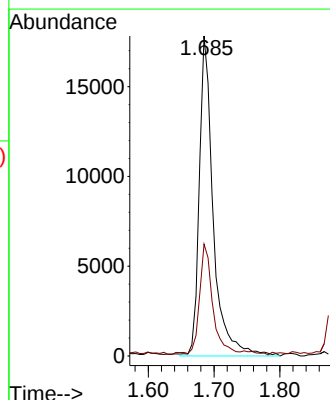
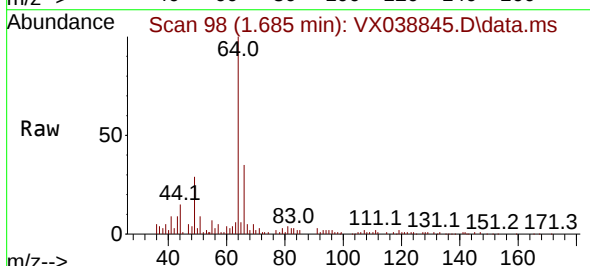
Manual Integrations  
APPROVED

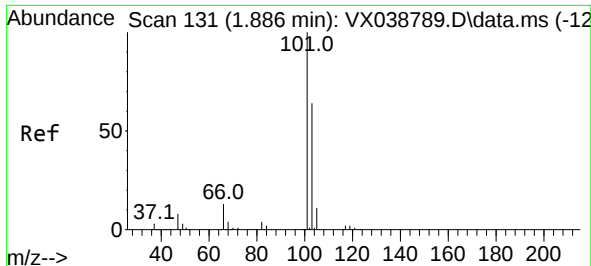
Reviewed By :John Carlone 11/17/2023  
Supervised By :Mahesh Dadoda 11/17/2023



#6  
Chloroethane  
Concen: 19.845 ug/l  
RT: 1.685 min Scan# 98  
Delta R.T. -0.000 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

Tgt Ion: 64 Resp: 26309  
Ion Ratio Lower Upper  
64 100  
66 33.9 25.1 37.7





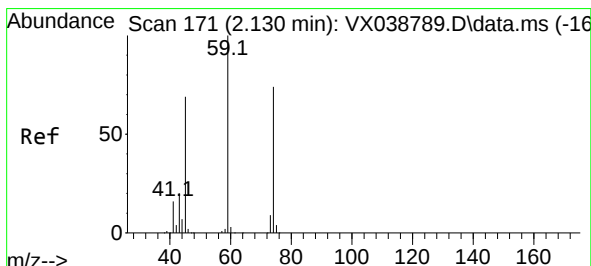
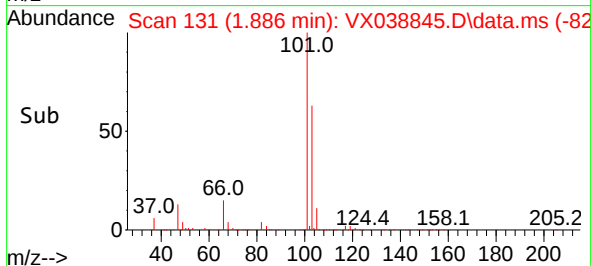
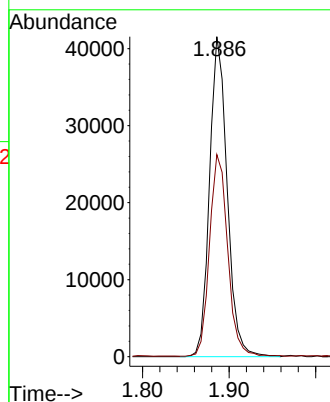
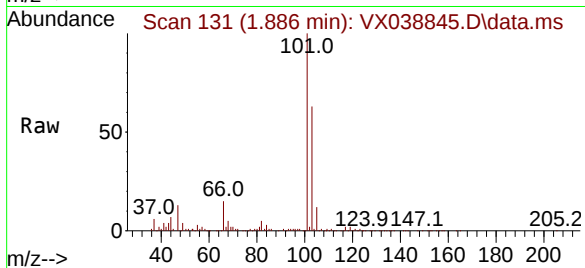
#7  
 Trichlorofluoromethane  
 Concen: 19.925 ug/l  
 RT: 1.886 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX038845.D  
 Acq: 16 Nov 2023 18:12

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1116WBSD01

Tgt Ion:101 Resp: 5873  
 Ion Ratio Lower Upper  
 101 100  
 103 63.0 51.4 77.2

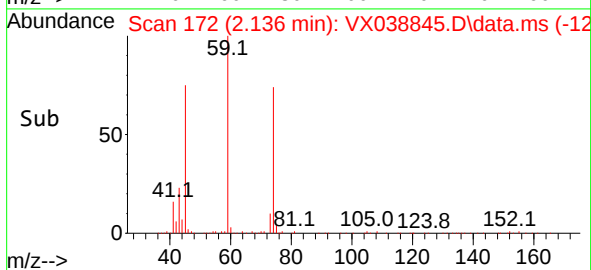
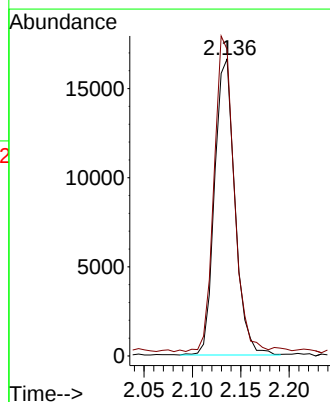
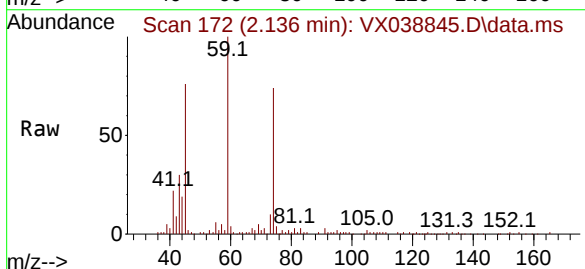
Manual Integrations  
 APPROVED

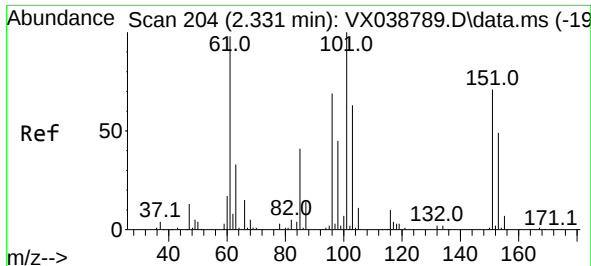
Reviewed By :John Carlone 11/17/2023  
 Supervised By :Mahesh Dadoda 11/17/2023



#8  
 Diethyl Ether  
 Concen: 18.842 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. 0.006 min  
 Lab File: VX038845.D  
 Acq: 16 Nov 2023 18:12

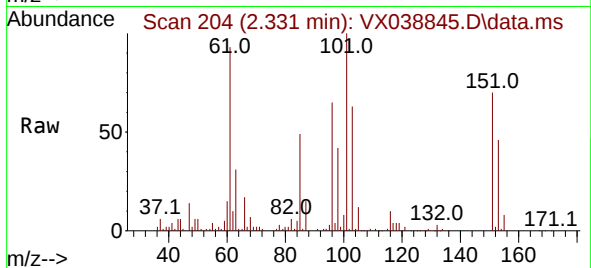
Tgt Ion: 74 Resp: 24192  
 Ion Ratio Lower Upper  
 74 100  
 45 104.5 53.3 159.8





#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.984 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. 0.000 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

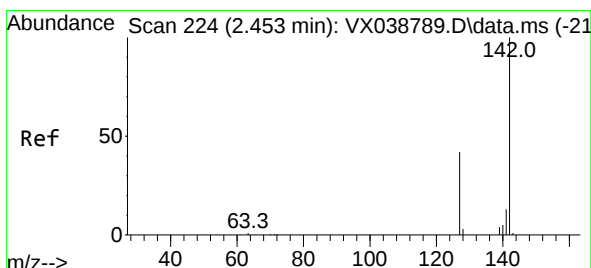
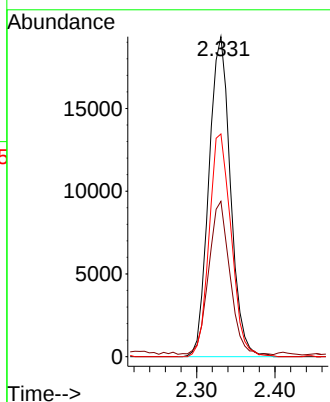
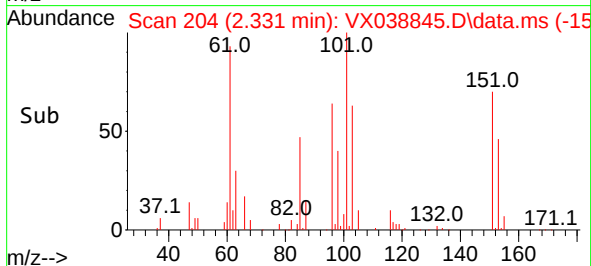
Instrument :  
MSVOA\_X  
Client Sample Id :  
VX1116WBSD01



Tgt Ion:101 Resp: 3711  
Ion Ratio Lower Upper  
101 100  
85 46.5 37.0 55.6  
151 70.8 58.6 87.8

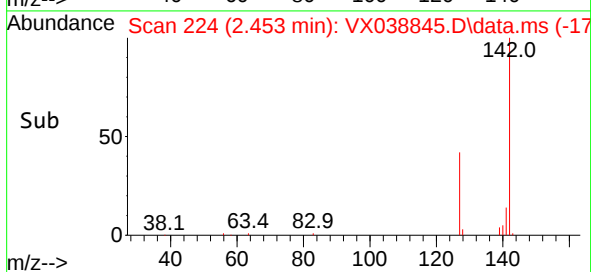
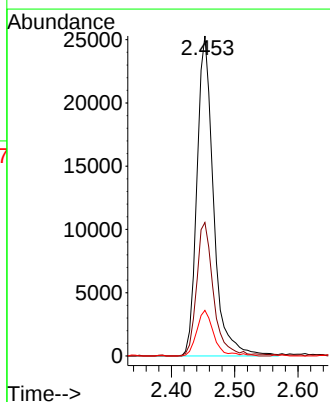
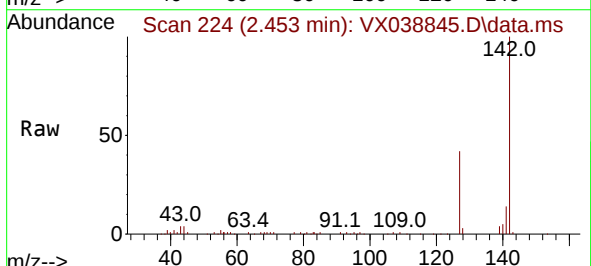
Manual Integrations  
APPROVED

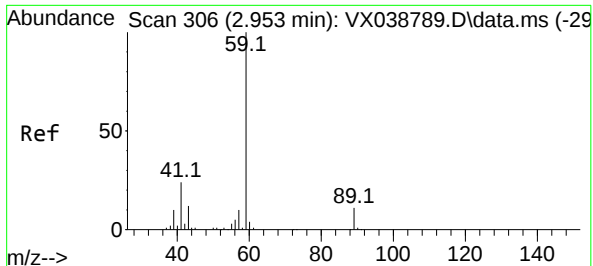
Reviewed By :John Carlone 11/17/2023  
Supervised By :Mahesh Dadoda 11/17/2023



#10  
Methyl Iodide  
Concen: 19.460 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. 0.000 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

Tgt Ion:142 Resp: 46302  
Ion Ratio Lower Upper  
142 100  
127 42.1 41.6 62.4  
141 14.7 11.6 17.4





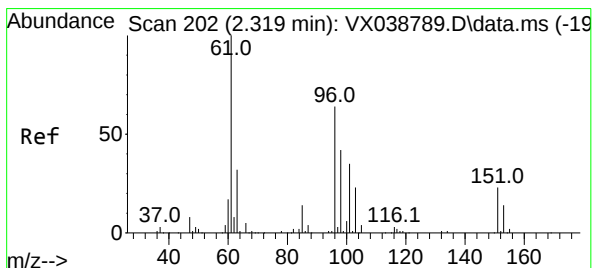
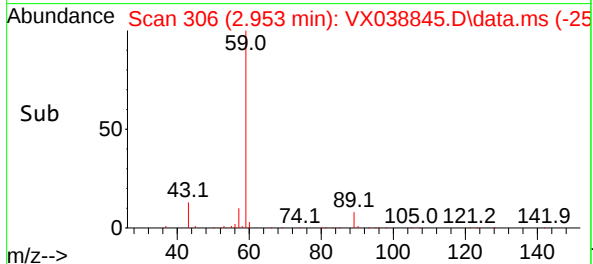
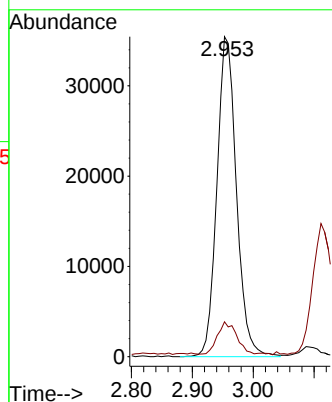
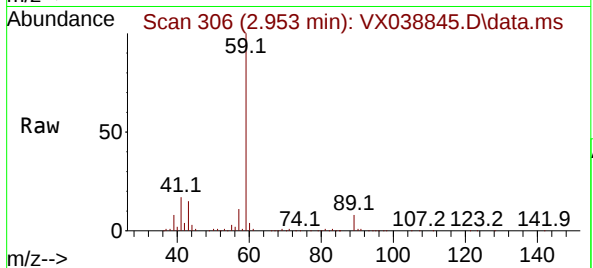
#11  
Tert butyl alcohol  
Concen: 111.330 ug/l  
RT: 2.953 min Scan# 306  
Delta R.T. 0.000 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1116WBSD01

Tgt Ion: 59 Resp: 79008  
Ion Ratio Lower Upper  
59 100  
57 9.8 6.0 9.0

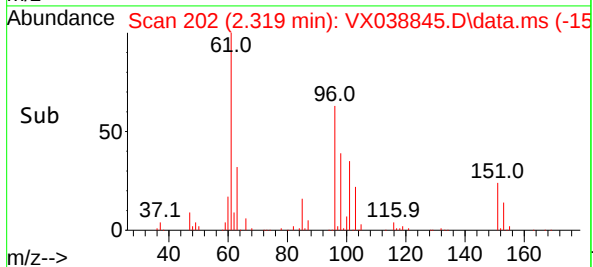
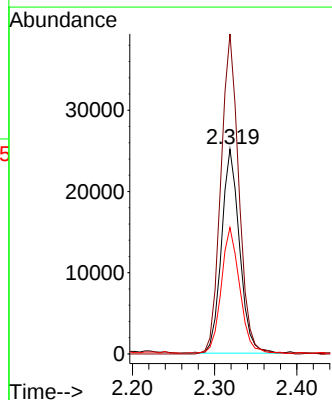
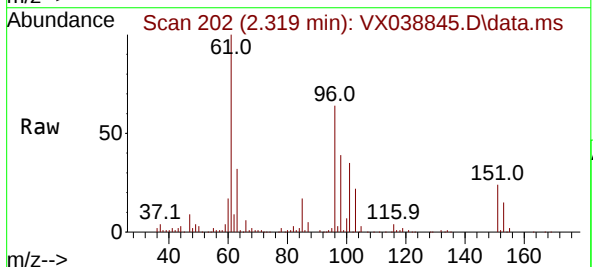
Manual Integrations  
APPROVED

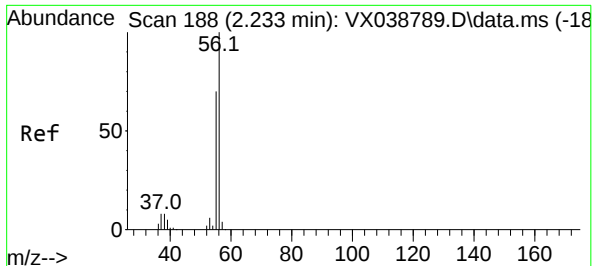
Reviewed By :John Carlone 11/17/2023  
Supervised By :Mahesh Dadoda 11/17/2023



#12  
1,1-Dichloroethene  
Concen: 19.437 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. 0.000 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

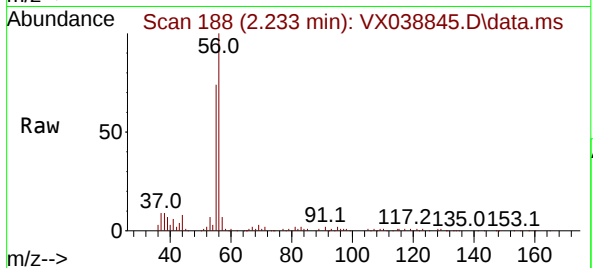
Tgt Ion: 96 Resp: 38361  
Ion Ratio Lower Upper  
96 100  
61 156.8 144.6 216.8  
98 61.5 50.4 75.6





#13  
Acrolein  
Concen: 99.336 ug/l  
RT: 2.233 min Scan# 188  
Delta R.T. 0.000 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

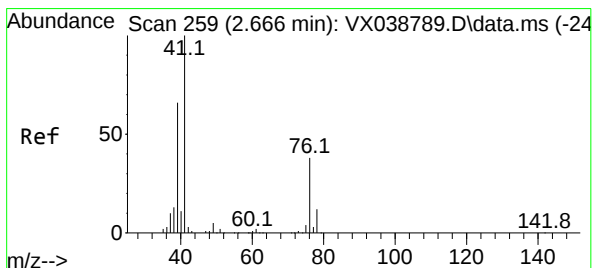
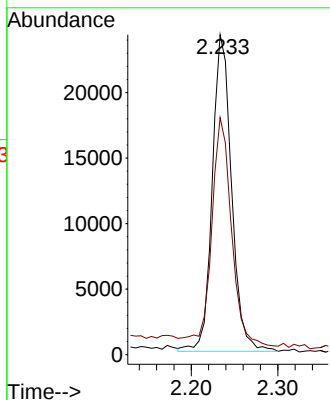
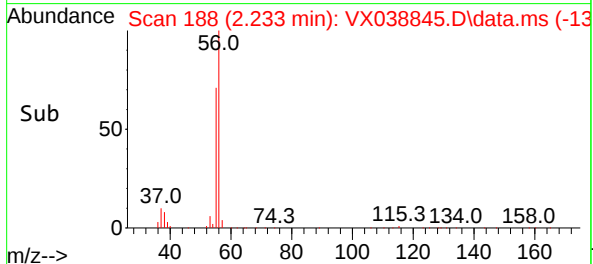
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1116WBSD01



Tgt Ion: 56 Resp: 3729  
Ion Ratio Lower Upper  
56 100  
55 73.7 57.1 85.7

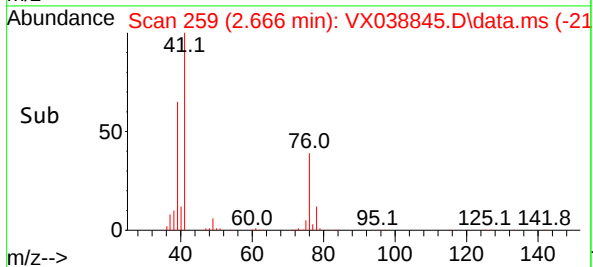
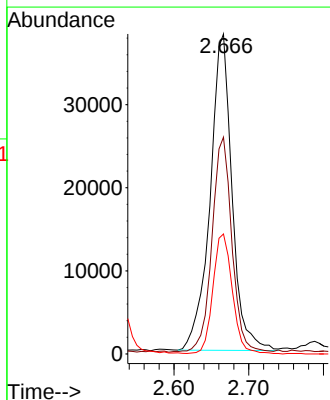
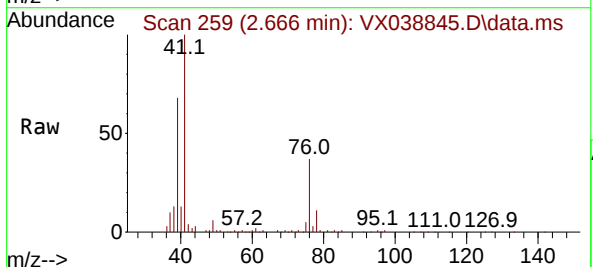
Manual Integrations  
APPROVED

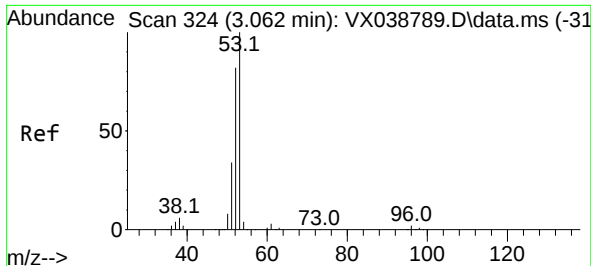
Reviewed By :John Carlone 11/17/2023  
Supervised By :Mahesh Dadoda 11/17/2023



#14  
Allyl chloride  
Concen: 19.694 ug/l  
RT: 2.666 min Scan# 259  
Delta R.T. 0.000 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

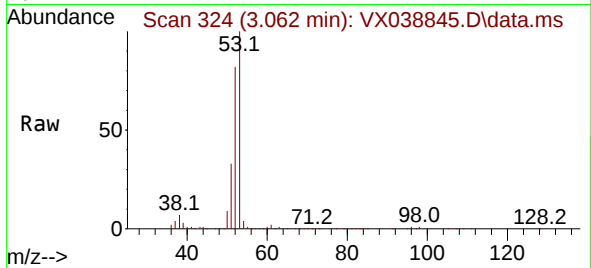
Tgt Ion: 41 Resp: 77820  
Ion Ratio Lower Upper  
41 100  
39 61.6 55.8 83.6  
76 33.6 24.3 36.5





#15  
Acrylonitrile  
Concen: 105.110 ug/l  
RT: 3.062 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

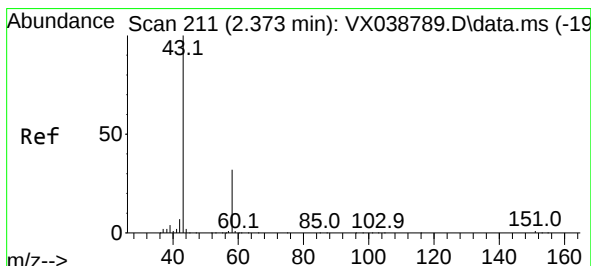
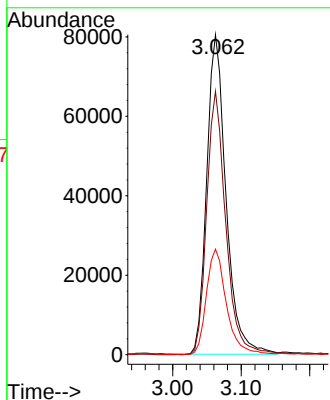
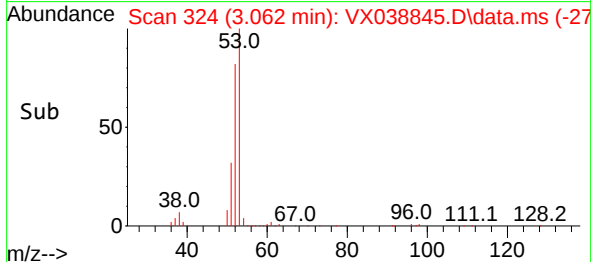
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1116WBSD01



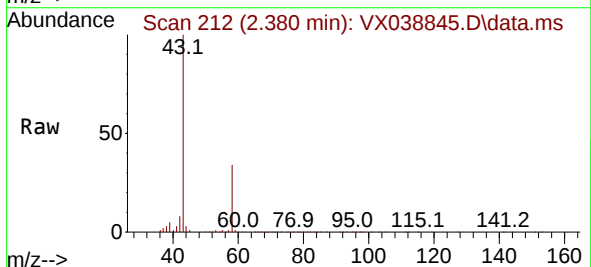
Tgt Ion: 53 Resp: 157610  
Ion Ratio Lower Upper  
53 100  
52 82.0 66.0 99.0  
51 34.4 29.8 44.6

Manual Integrations  
APPROVED

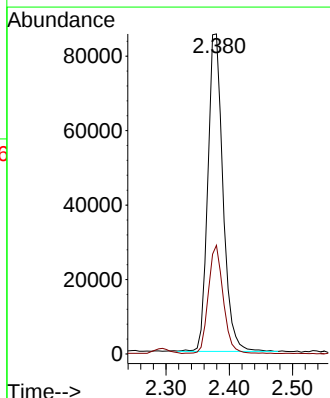
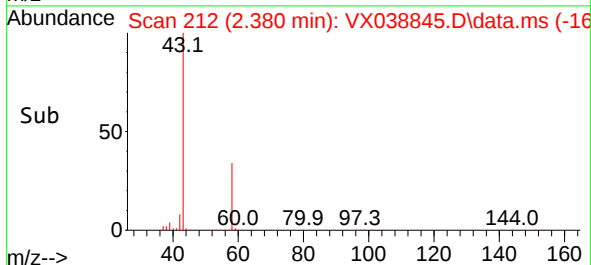
Reviewed By :John Carlone 11/17/2023  
Supervised By :Mahesh Dadoda 11/17/2023

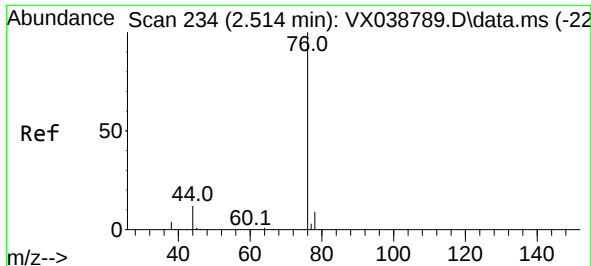


#16  
Acetone  
Concen: 104.529 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. 0.006 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12



Tgt Ion: 43 Resp: 141983  
Ion Ratio Lower Upper  
43 100  
58 34.1 21.9 32.9#





#17

Carbon Disulfide

Concen: 18.117 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX038845.D

Acq: 16 Nov 2023 18:12

Instrument :

MSVOA\_X

ClientSampleId :

VX1116WBSD01

Tgt Ion: 76 Resp: 110759

Ion Ratio Lower Upper

76 100

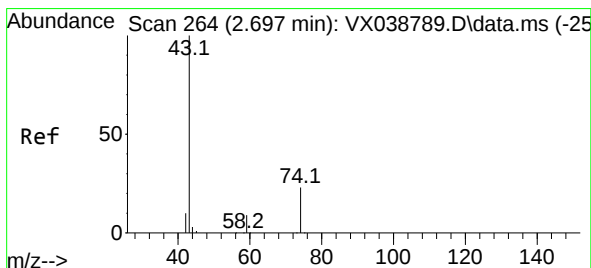
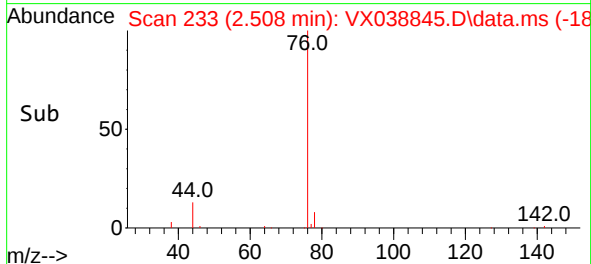
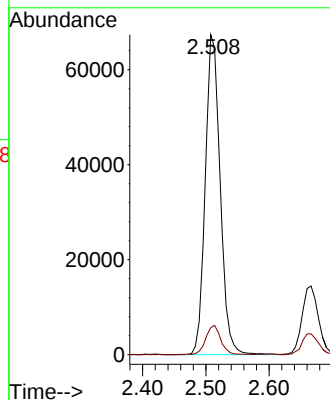
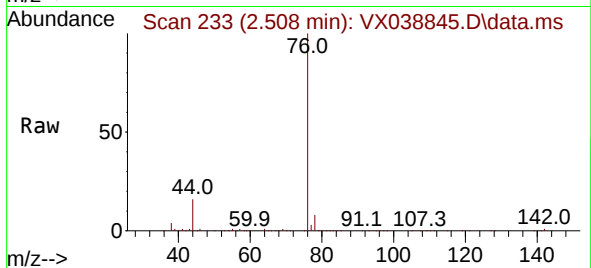
78 8.5 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#18

Methyl Acetate

Concen: 21.808 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.006 min

Lab File: VX038845.D

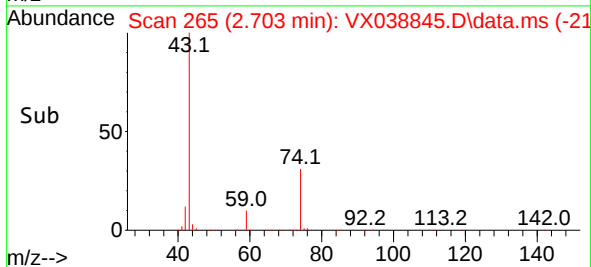
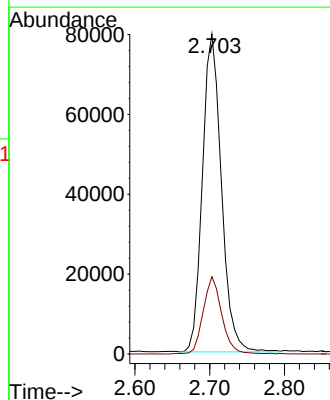
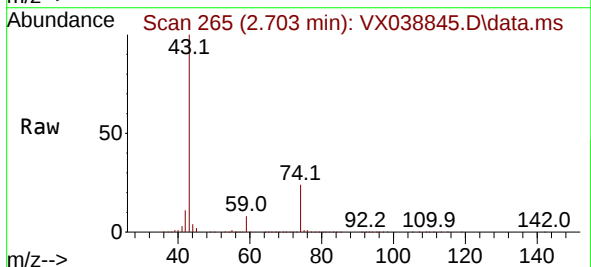
Acq: 16 Nov 2023 18:12

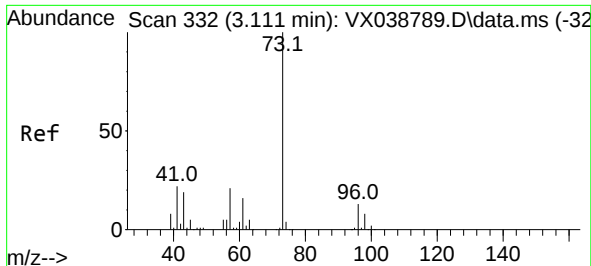
Tgt Ion: 43 Resp: 140701

Ion Ratio Lower Upper

43 100

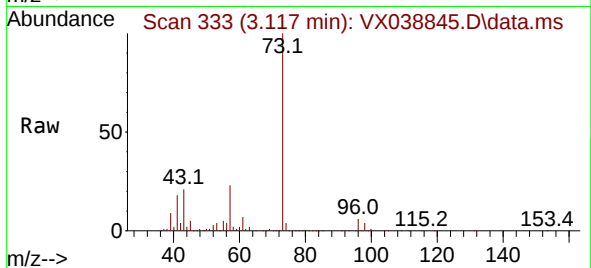
74 23.8 17.8 26.8





#19  
Methyl tert-butyl Ether  
Concen: 20.521 ug/l  
RT: 3.117 min Scan# 311  
Delta R.T. 0.006 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

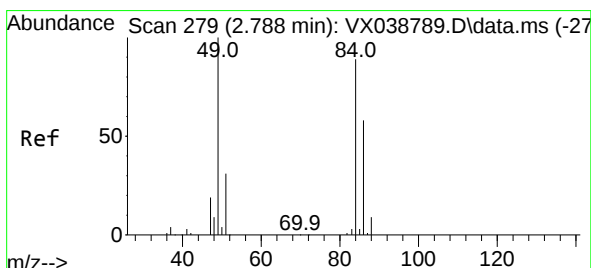
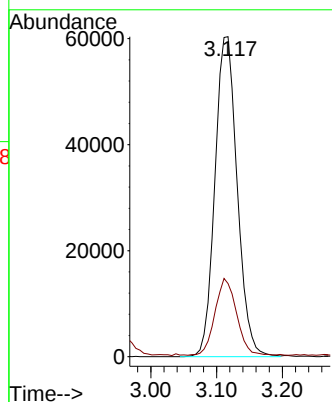
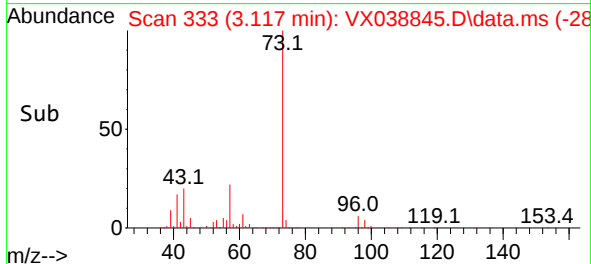
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1116WBSD01



Tgt Ion: 73 Resp: 142454  
Ion Ratio Lower Upper  
73 100  
57 22.3 17.3 25.9

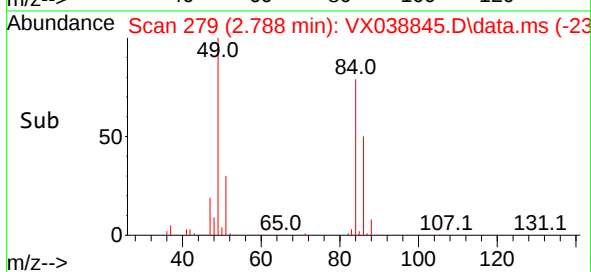
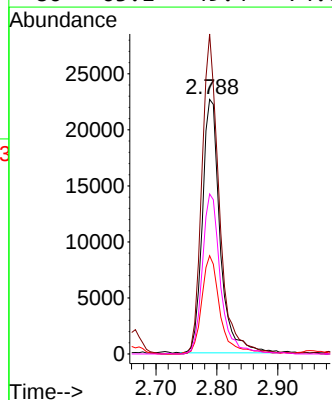
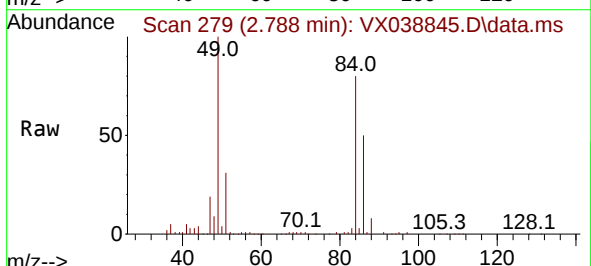
Manual Integrations  
APPROVED

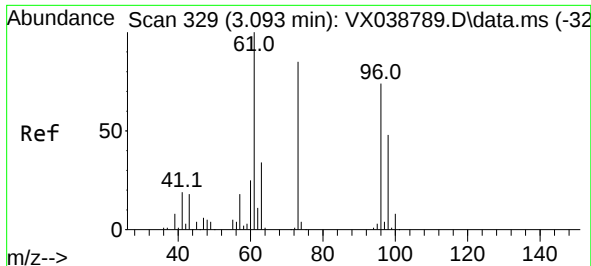
Reviewed By :John Carlone 11/17/2023  
Supervised By :Mahesh Dadoda 11/17/2023



#20  
Methylene Chloride  
Concen: 18.713 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

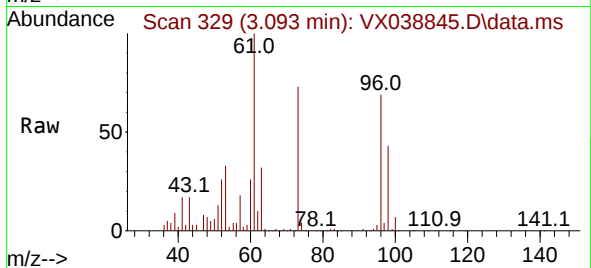
Tgt Ion: 84 Resp: 45819  
Ion Ratio Lower Upper  
84 100  
49 126.2 103.6 155.4  
51 38.8 33.8 50.6  
86 63.1 49.4 74.0





#21  
trans-1,2-Dichloroethene  
Concen: 19.152 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

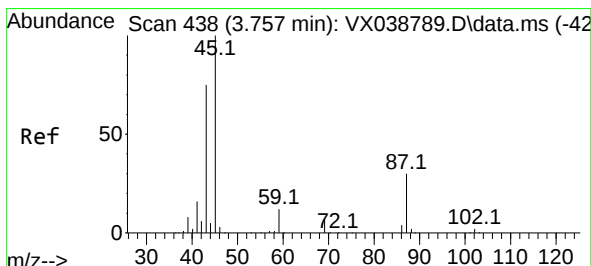
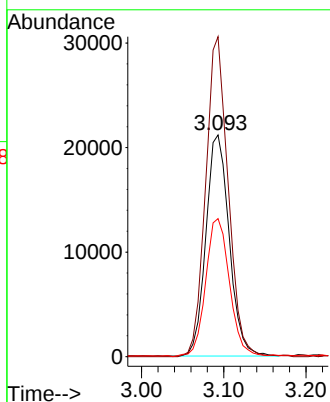
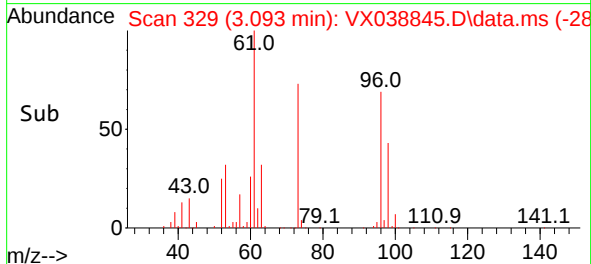
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1116WBSD01



Tgt Ion: 96 Resp: 4170  
Ion Ratio Lower Upper  
96 100  
61 144.7 119.2 178.8  
98 61.9 48.7 73.1

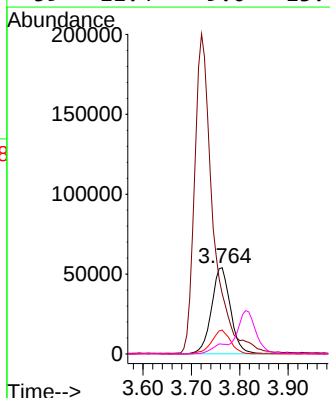
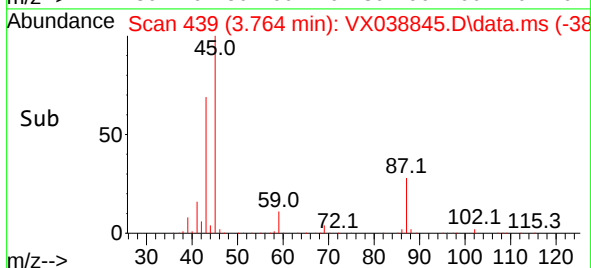
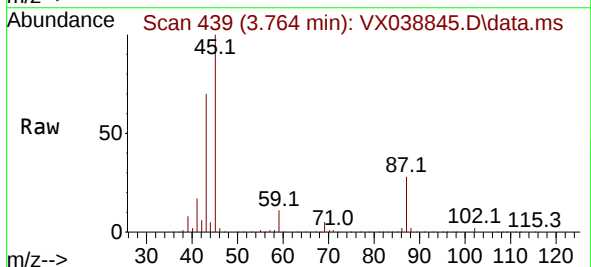
Manual Integrations  
APPROVED

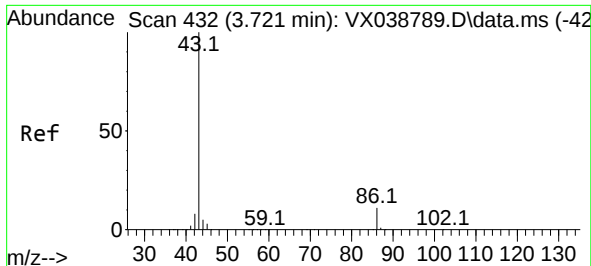
Reviewed By :John Carlone 11/17/2023  
Supervised By :Mahesh Dadoda 11/17/2023



#22  
Diisopropyl ether  
Concen: 20.234 ug/l  
RT: 3.764 min Scan# 439  
Delta R.T. 0.006 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

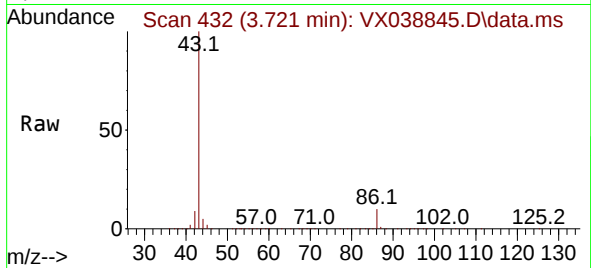
Tgt Ion: 45 Resp: 146679  
Ion Ratio Lower Upper  
45 100  
43 68.8 69.7 104.5#  
87 27.6 20.8 31.2  
59 11.4 9.0 13.4





#23  
 Vinyl Acetate  
 Concen: 101.518 ug/l  
 RT: 3.721 min Scan# 411  
 Delta R.T. 0.000 min  
 Lab File: VX038845.D  
 Acq: 16 Nov 2023 18:12

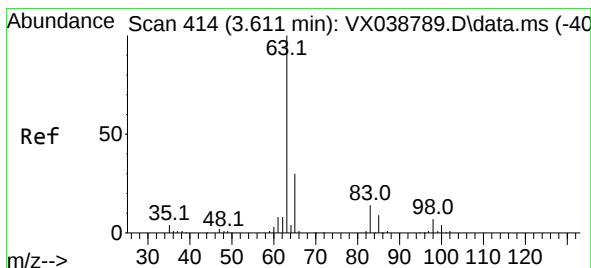
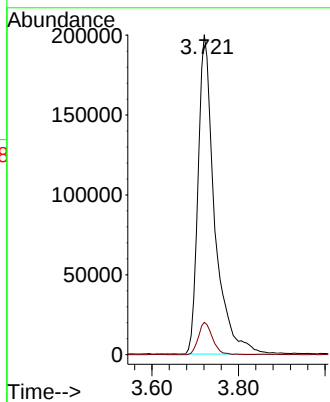
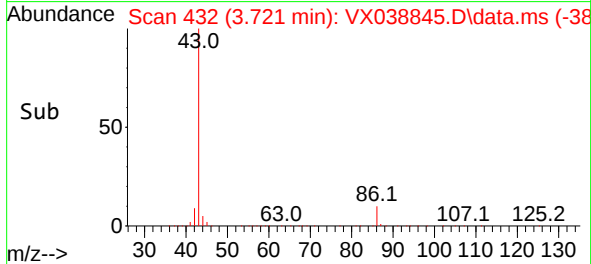
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1116WBSD01



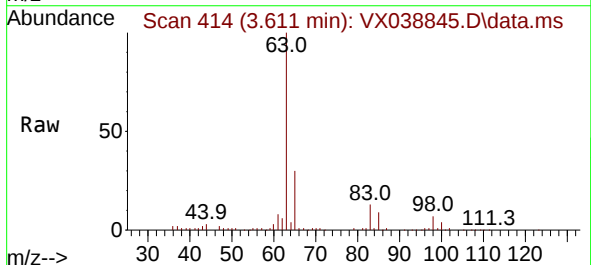
Tgt Ion: 43 Resp: 53001  
 Ion Ratio Lower Upper  
 43 100  
 86 10.1 7.8 11.8

Manual Integrations  
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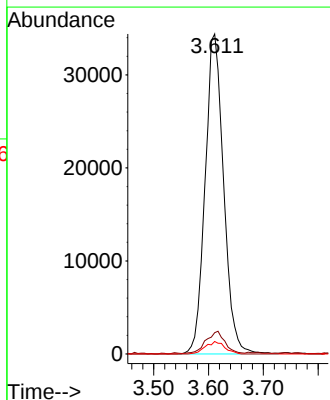
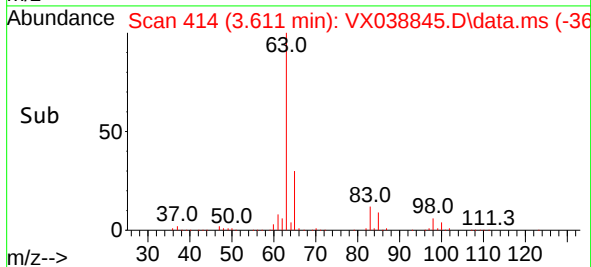
Reviewed By :John Carlone 11/17/2023  
 Supervised By :Mahesh Dadoda 11/17/2023

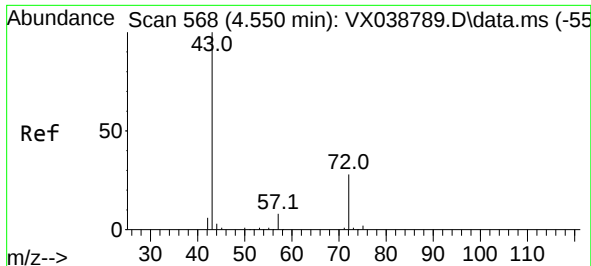


#24  
 1,1-Dichloroethane  
 Concen: 19.872 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. 0.000 min  
 Lab File: VX038845.D  
 Acq: 16 Nov 2023 18:12



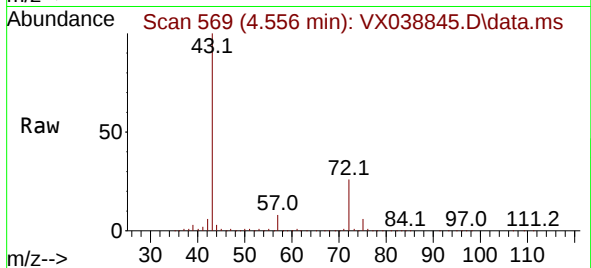
Tgt Ion: 63 Resp: 80557  
 Ion Ratio Lower Upper  
 63 100  
 98 6.4 3.3 9.8  
 100 3.9 2.1 6.5





#25  
2-Butanone  
Concen: 105.449 ug/l  
RT: 4.556 min Scan# 569  
Delta R.T. 0.006 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

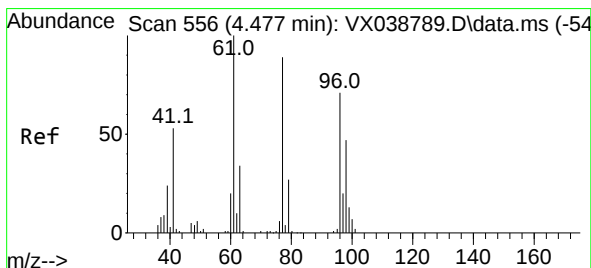
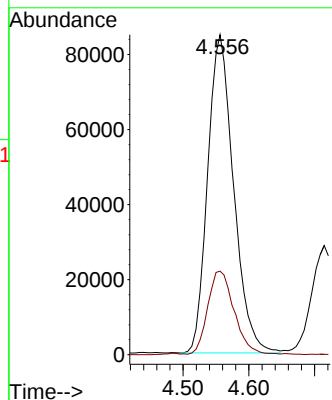
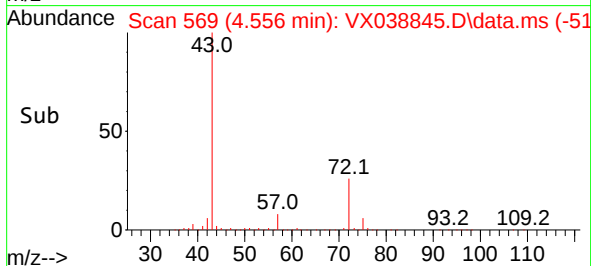
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1116WBSD01



Tgt Ion: 43 Resp: 23227  
Ion Ratio Lower Upper  
43 100  
72 26.1 19.4 29.2

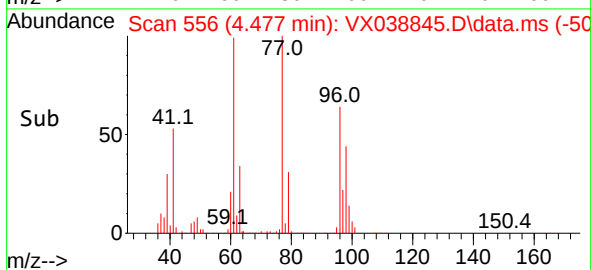
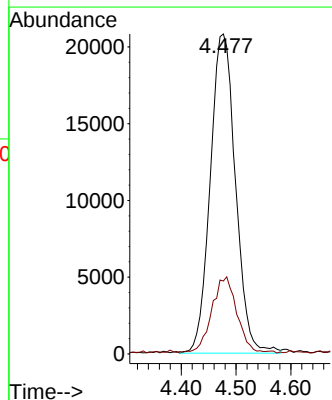
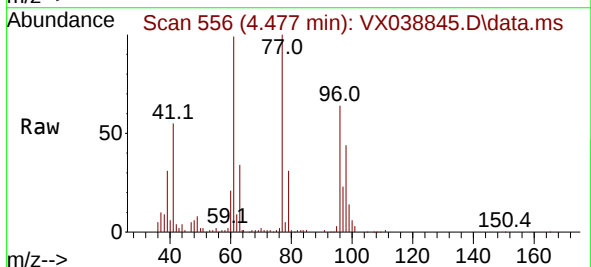
Manual Integrations  
APPROVED

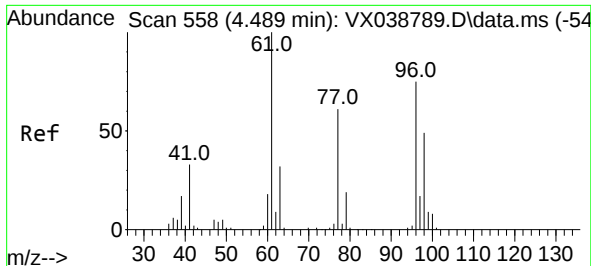
Reviewed By :John Carlone 11/17/2023  
Supervised By :Mahesh Dadoda 11/17/2023



#26  
2,2-Dichloropropane  
Concen: 18.915 ug/l  
RT: 4.477 min Scan# 556  
Delta R.T. 0.000 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

Tgt Ion: 77 Resp: 66511  
Ion Ratio Lower Upper  
77 100  
97 23.2 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 19.535 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX038845.D

Acq: 16 Nov 2023 18:12

Instrument :

MSVOA\_X

ClientSampleId :

VX1116WBSD01

Tgt Ion: 96 Resp: 49589

Ion Ratio Lower Upper

96 100

61 148.3 0.0 312.2

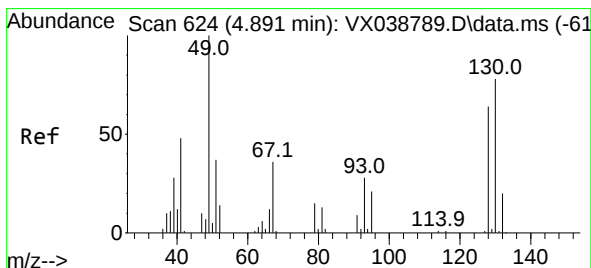
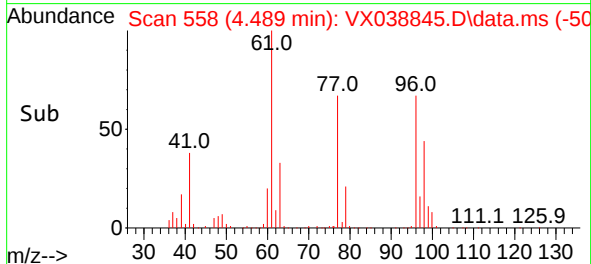
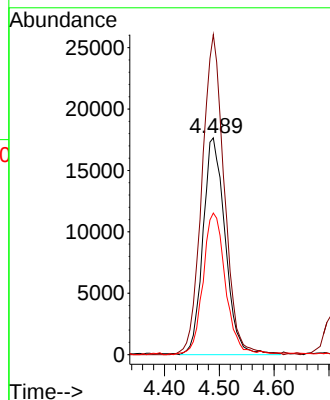
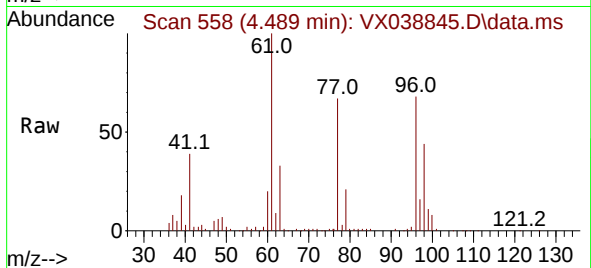
98 65.6 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#28

Bromochloromethane

Concen: 20.919 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.006 min

Lab File: VX038845.D

Acq: 16 Nov 2023 18:12

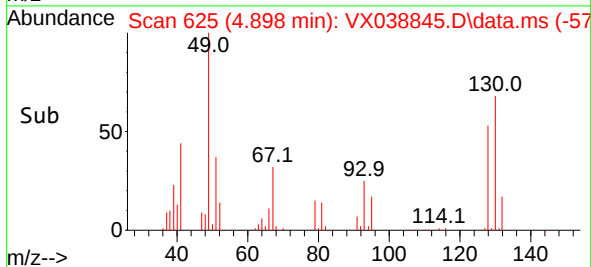
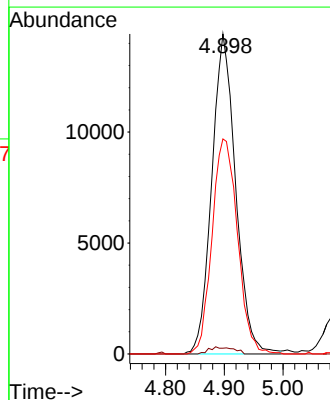
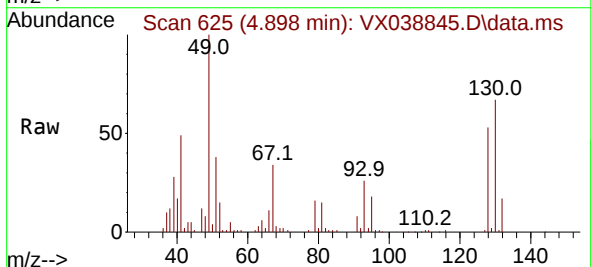
Tgt Ion: 49 Resp: 40715

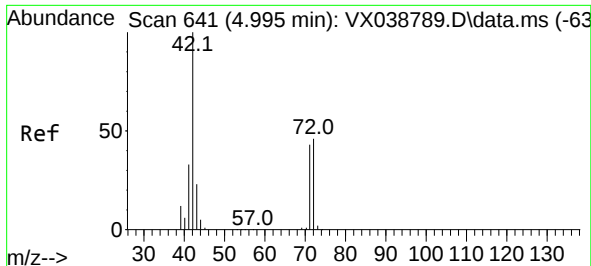
Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.8

130 71.7 57.5 86.3





#29

Tetrahydrofuran

Concen: 106.940 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX038845.D

Acq: 16 Nov 2023 18:12

Instrument :

MSVOA\_X

ClientSampleId :

VX1116WBSD01

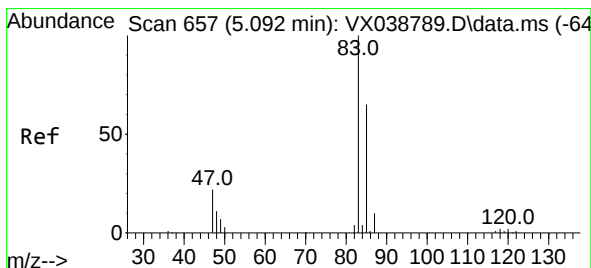
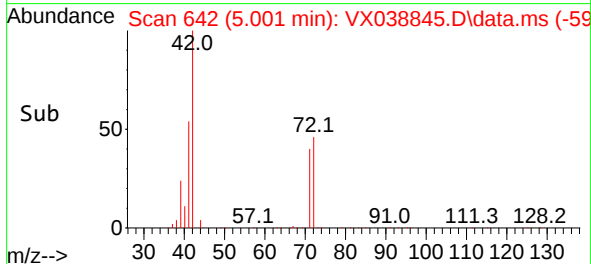
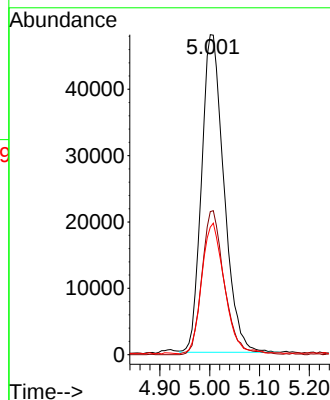
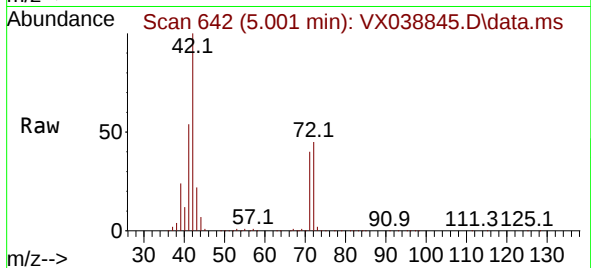
Tgt Ion: 42 Resp: 149564  
 Ion Ratio Lower Upper  
 42 100  
 72 45.3 34.2 51.4  
 71 41.7 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#30

Chloroform

Concen: 19.546 ug/l

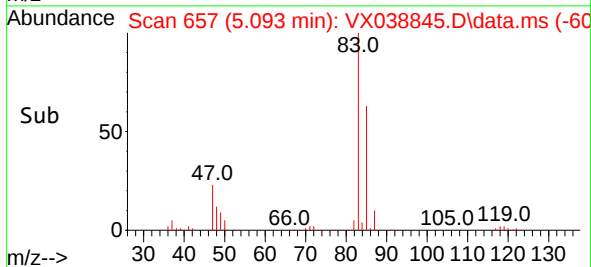
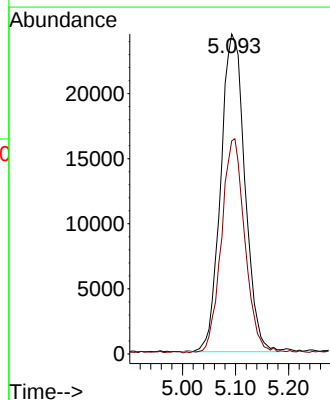
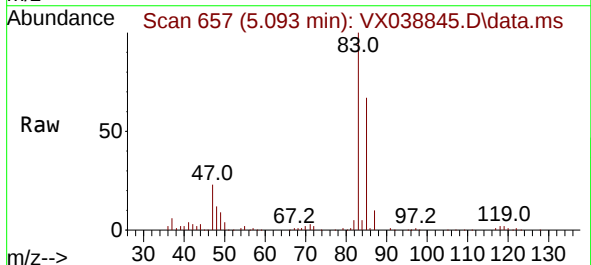
RT: 5.093 min Scan# 657

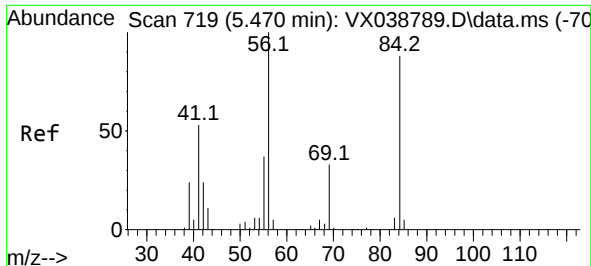
Delta R.T. 0.000 min

Lab File: VX038845.D

Acq: 16 Nov 2023 18:12

Tgt Ion: 83 Resp: 77372  
 Ion Ratio Lower Upper  
 83 100  
 85 66.3 50.3 75.5





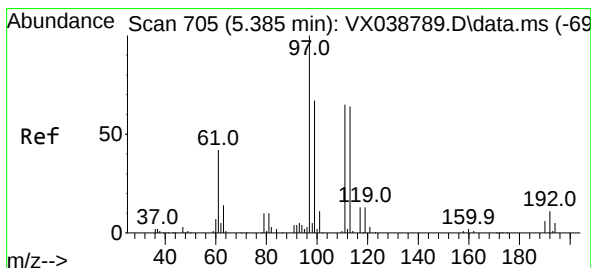
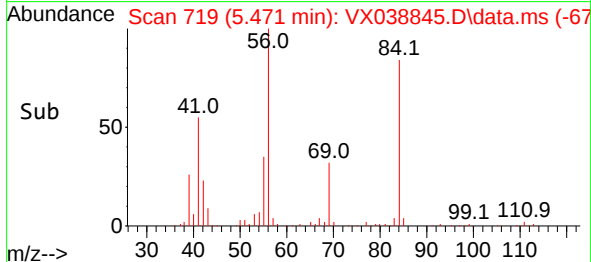
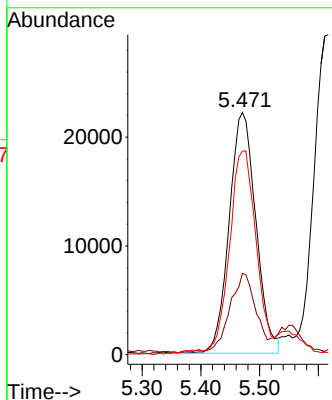
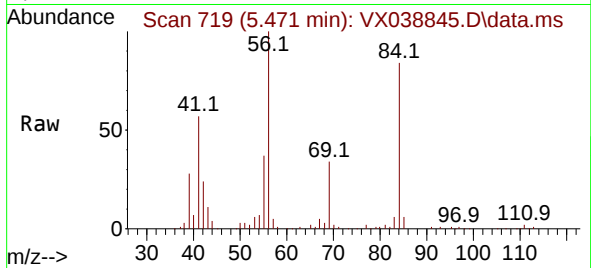
#31  
Cyclohexane  
Concen: 19.228 ug/l  
RT: 5.471 min Scan# 719  
Delta R.T. 0.000 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1116WBSD01

Tgt Ion: 56 Resp: 7004  
Ion Ratio Lower Upper  
56 100  
69 32.9 23.4 35.2  
84 83.6 65.9 98.9

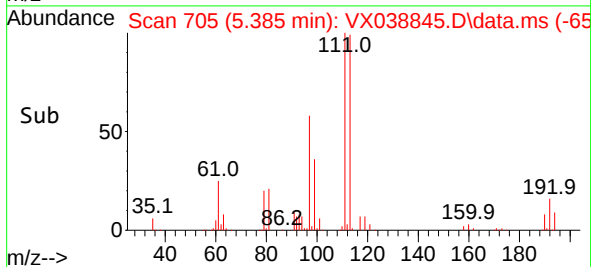
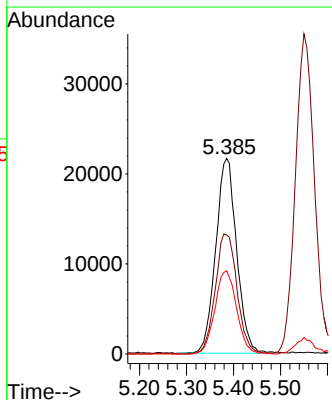
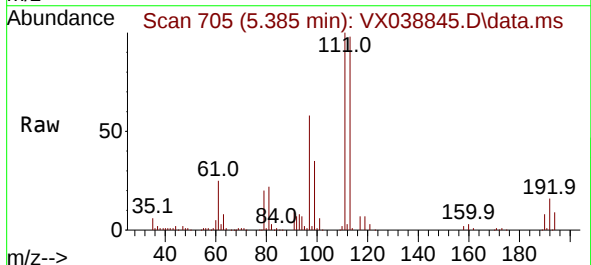
Manual Integrations  
APPROVED

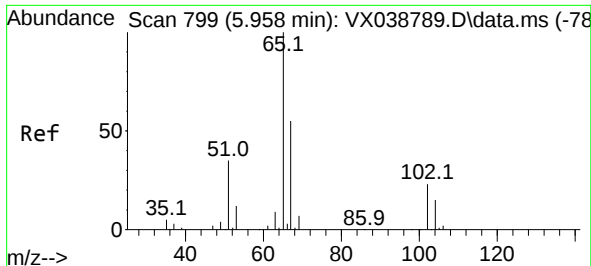
Reviewed By :John Carlone 11/17/2023  
Supervised By :Mahesh Dadoda 11/17/2023



#32  
1,1,1-Trichloroethane  
Concen: 19.533 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

Tgt Ion: 97 Resp: 66973  
Ion Ratio Lower Upper  
97 100  
99 64.4 51.1 76.7  
61 44.4 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 50.916 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038845.D

Acq: 16 Nov 2023 18:12

Instrument :

MSVOA\_X

ClientSampleId :

VX1116WBSD01

Tgt Ion: 65 Resp: 129910

Ion Ratio Lower Upper

65 100

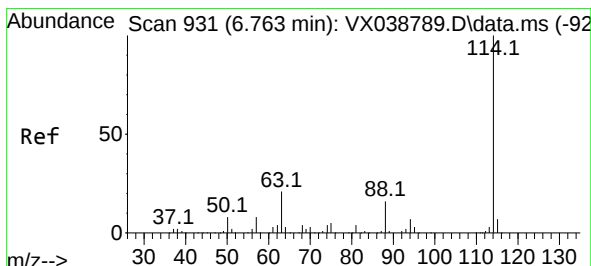
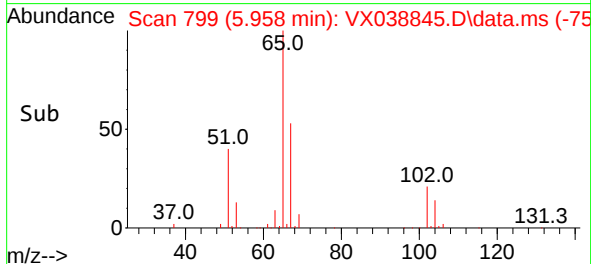
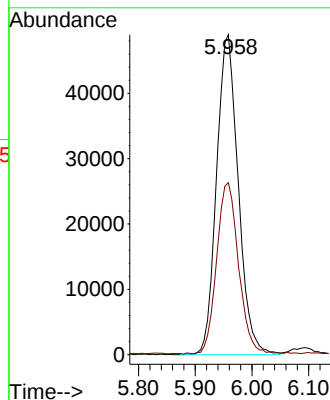
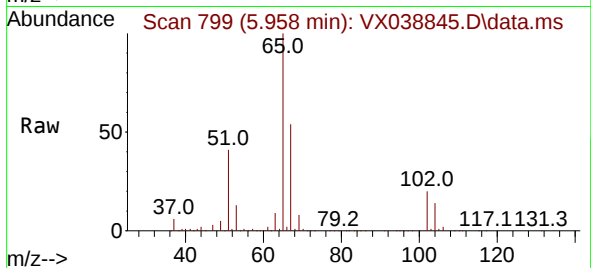
67 54.0 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038845.D

Acq: 16 Nov 2023 18:12

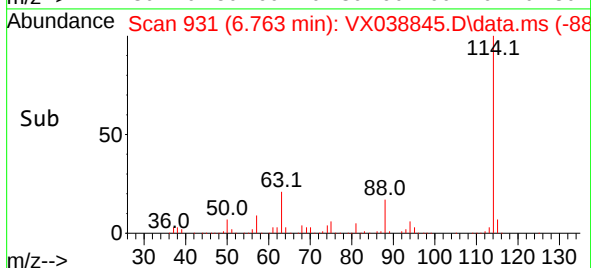
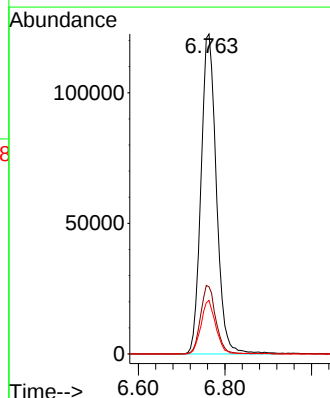
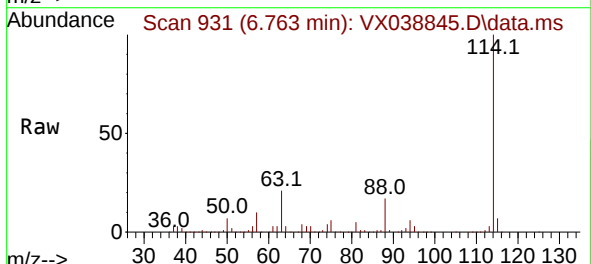
Tgt Ion:114 Resp: 301822

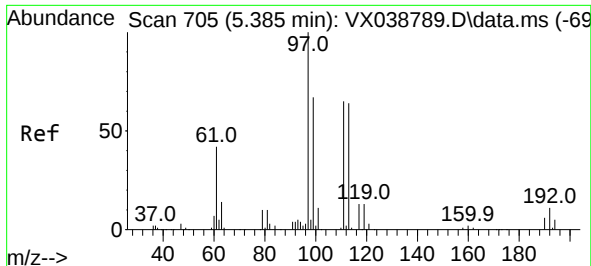
Ion Ratio Lower Upper

114 100

63 21.0 0.0 45.0

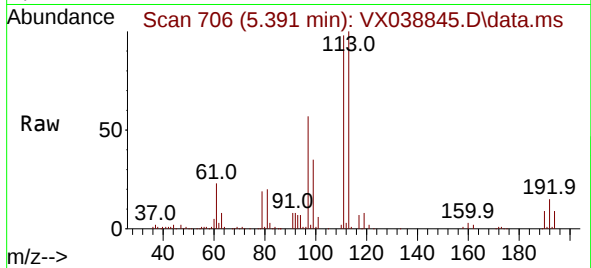
88 16.7 0.0 36.6





#35  
Dibromofluoromethane  
Concen: 48.712 ug/l  
RT: 5.391 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

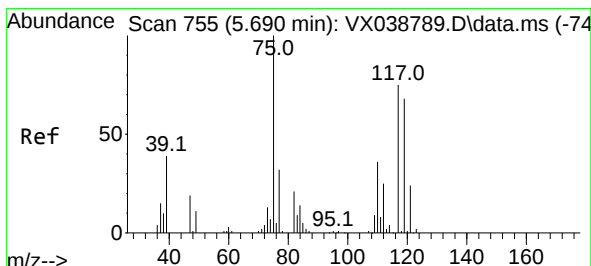
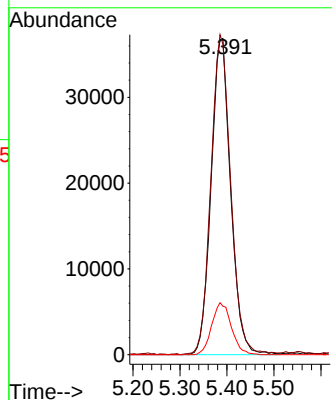
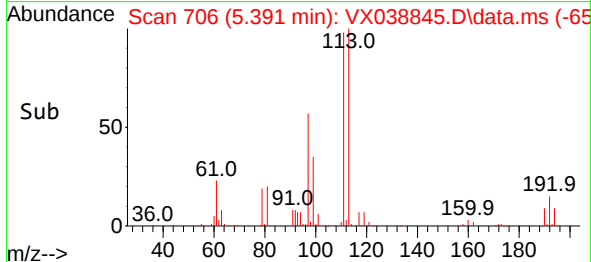
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1116WBSD01



Tgt Ion:113 Resp: 106184  
Ion Ratio Lower Upper  
113 100  
111 103.2 82.9 124.3  
192 16.5 13.3 19.9

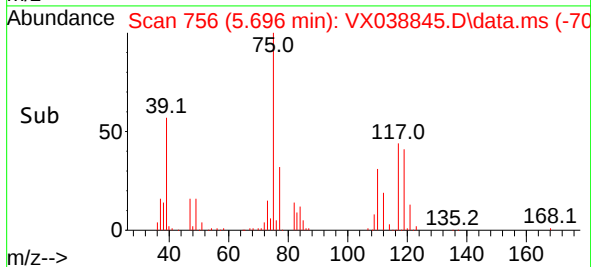
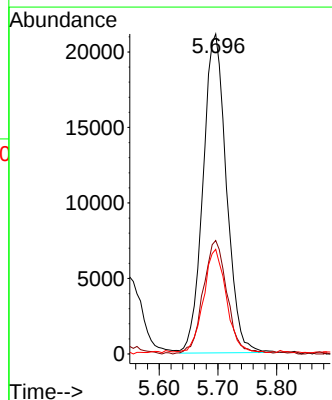
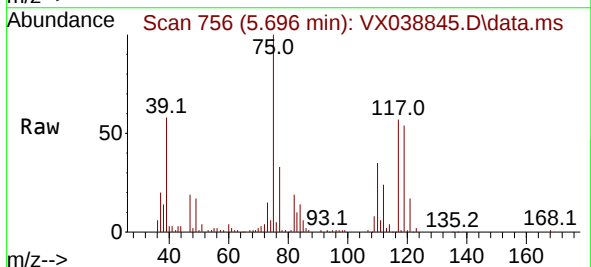
Manual Integrations  
APPROVED

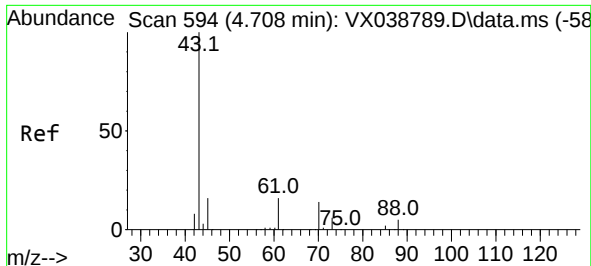
Reviewed By :John Carlone 11/17/2023  
Supervised By :Mahesh Dadoda 11/17/2023



#36  
1,1-Dichloropropene  
Concen: 18.703 ug/l  
RT: 5.696 min Scan# 756  
Delta R.T. 0.006 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

Tgt Ion: 75 Resp: 58433  
Ion Ratio Lower Upper  
75 100  
110 36.6 17.0 50.9  
77 31.6 24.7 37.1





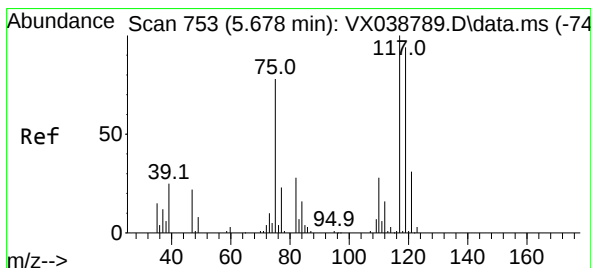
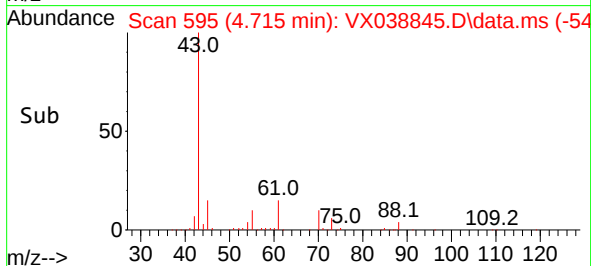
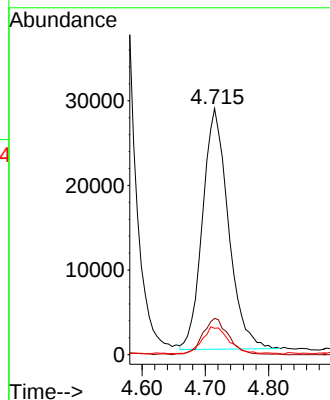
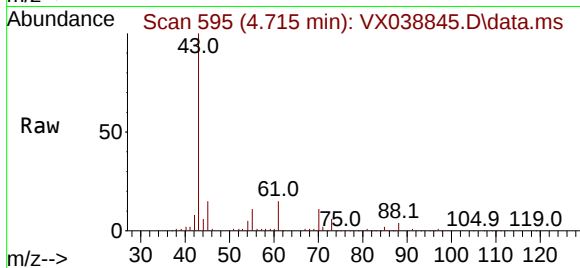
#37  
Ethyl Acetate  
Concen: 19.906 ug/l  
RT: 4.715 min Scan# 594  
Delta R.T. 0.006 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1116WBSD01

Tgt Ion: 43 Resp: 81023  
Ion Ratio Lower Upper  
43 100  
61 15.1 10.6 16.0  
70 11.2 8.3 12.5

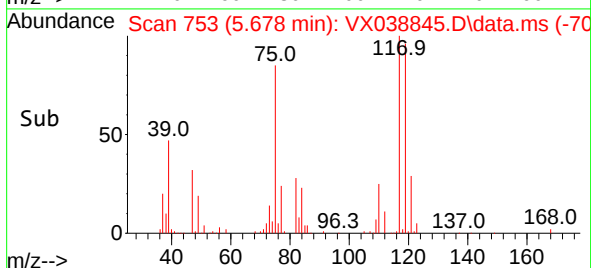
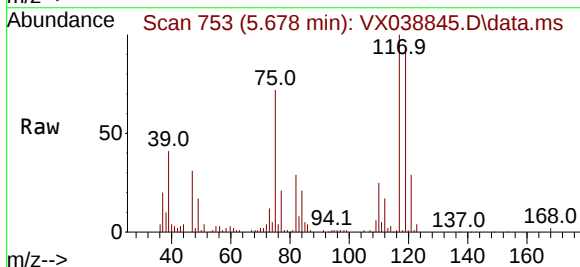
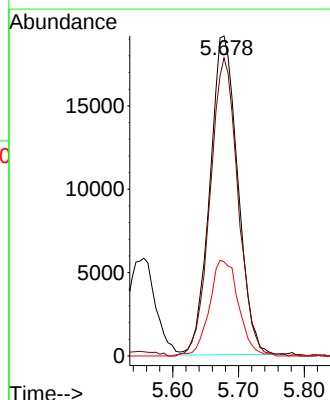
Manual Integrations  
APPROVED

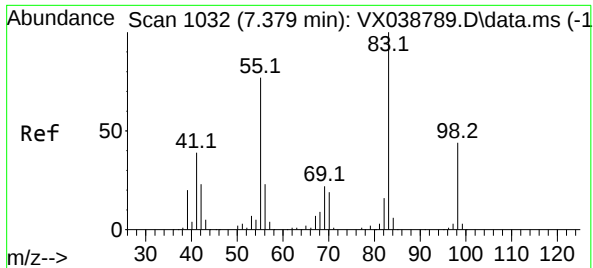
Reviewed By :John Carlone 11/17/2023  
Supervised By :Mahesh Dadoda 11/17/2023



#38  
Carbon Tetrachloride  
Concen: 19.558 ug/l  
RT: 5.678 min Scan# 753  
Delta R.T. 0.000 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

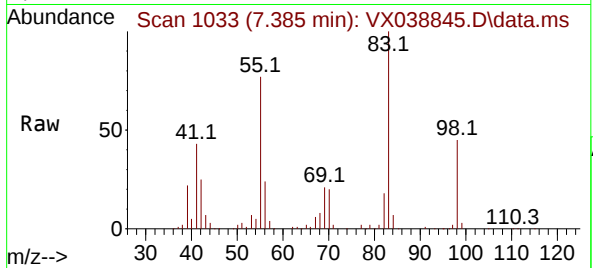
Tgt Ion:117 Resp: 56474  
Ion Ratio Lower Upper  
117 100  
119 93.0 78.2 117.2  
121 29.6 24.4 36.6





#39  
Methylcyclohexane  
Concen: 18.288 ug/l  
RT: 7.385 min Scan# 1033  
Delta R.T. 0.006 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

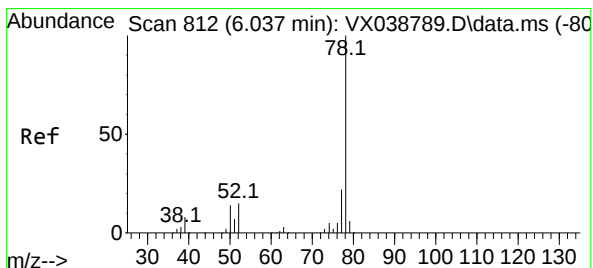
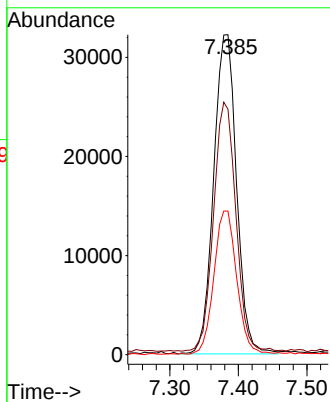
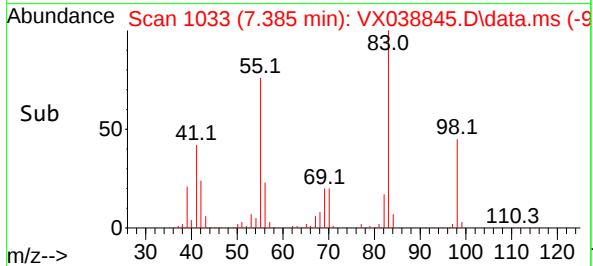
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1116WBSD01



Tgt Ion: 83 Resp: 74520  
Ion Ratio Lower Upper  
83 100  
55 75.6 64.6 97.0  
98 44.8 36.7 55.1

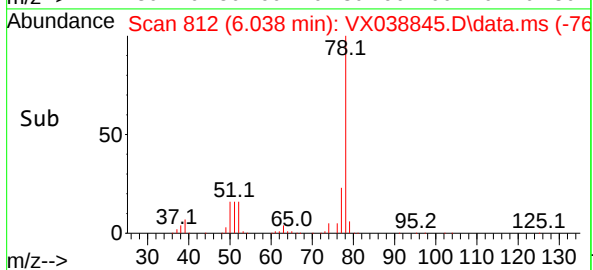
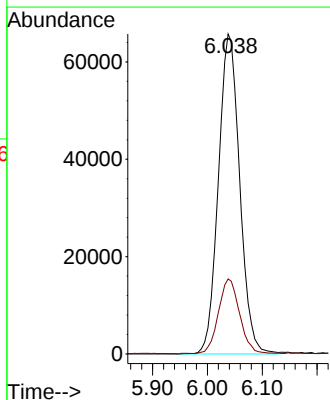
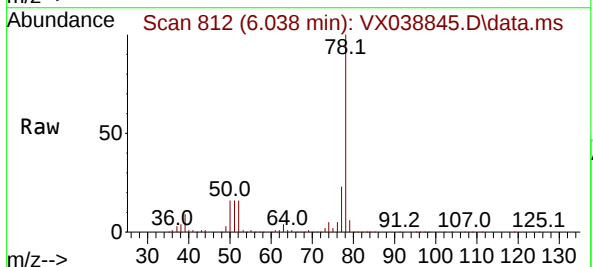
Manual Integrations  
APPROVED

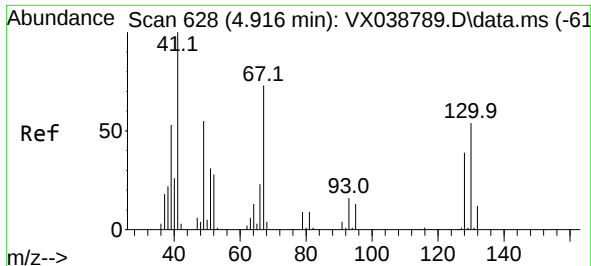
Reviewed By :John Carlone 11/17/2023  
Supervised By :Mahesh Dadoda 11/17/2023



#40  
Benzene  
Concen: 19.232 ug/l  
RT: 6.038 min Scan# 812  
Delta R.T. 0.000 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

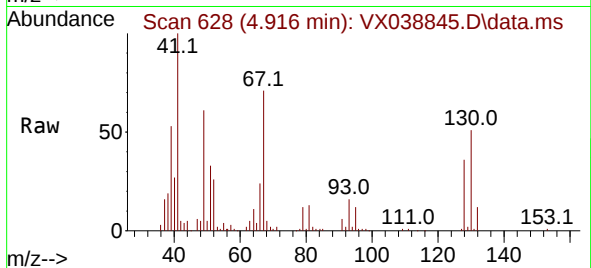
Tgt Ion: 78 Resp: 177708  
Ion Ratio Lower Upper  
78 100  
77 23.5 19.3 28.9





#41  
Methacrylonitrile  
Concen: 19.859 ug/l  
RT: 4.916 min Scan# 612  
Delta R.T. 0.000 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

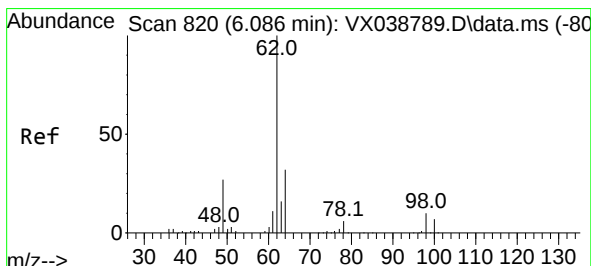
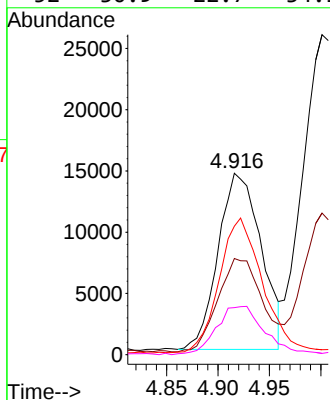
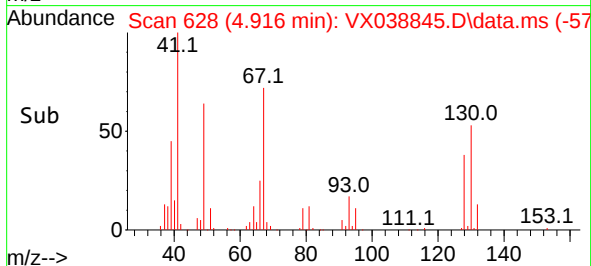
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1116WBSD01



| Tgt Ion:  | 41   | Resp: | 4192  |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 41        | 100  |       |       |
| 39        | 55.8 | 45.2  | 67.8  |
| 67        | 78.3 | 52.6  | 78.8  |
| 52        | 30.9 | 22.7  | 34.1  |

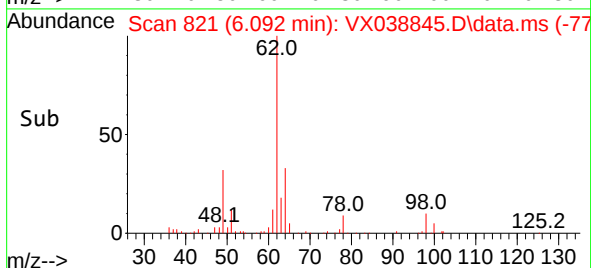
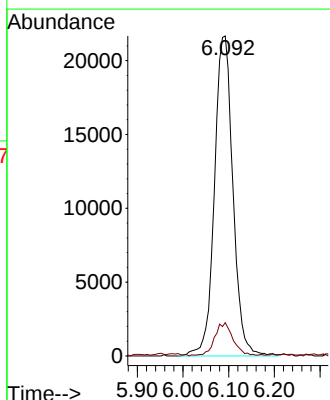
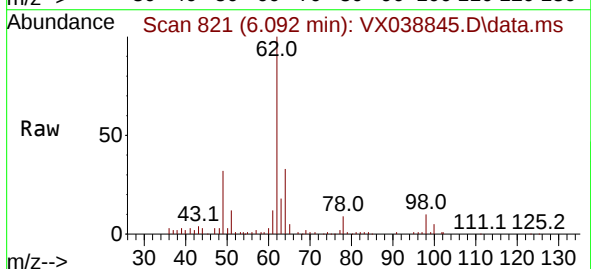
Manual Integrations  
APPROVED

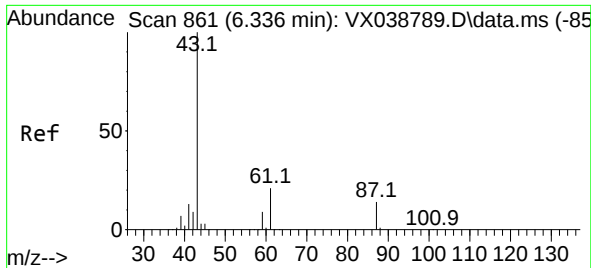
Reviewed By :John Carlone 11/17/2023  
Supervised By :Mahesh Dadoda 11/17/2023



#42  
1,2-Dichloroethane  
Concen: 19.925 ug/l  
RT: 6.092 min Scan# 821  
Delta R.T. 0.006 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

| Tgt Ion:  | 62   | Resp: | 61001 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 62        | 100  |       |       |
| 98        | 10.5 | 0.0   | 16.0  |





#43

Isopropyl Acetate

Concen: 20.169 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX038845.D

Acq: 16 Nov 2023 18:12

Instrument :

MSVOA\_X

ClientSampleId :

VX1116WBSD01

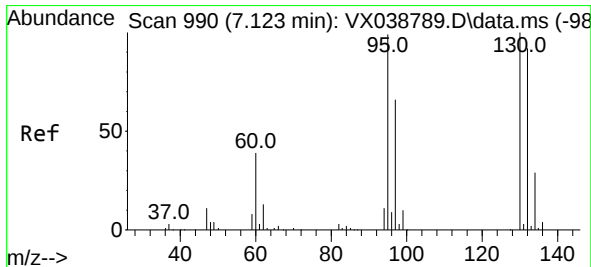
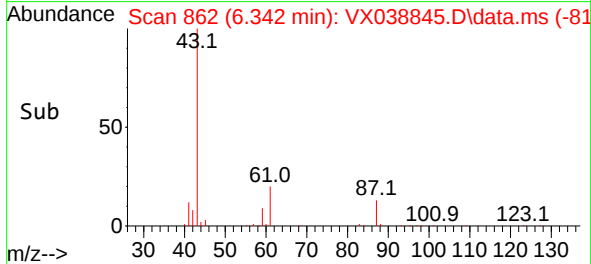
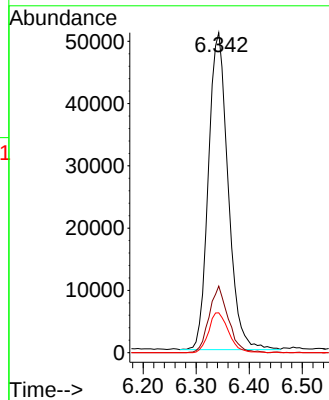
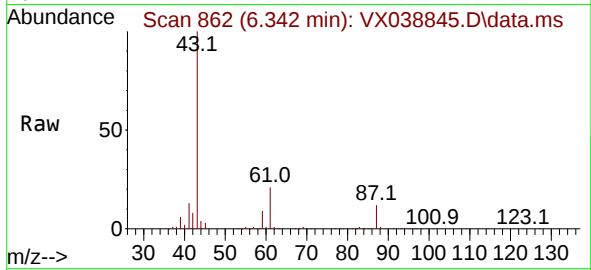
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 13120 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 61        | 20.4  | 15.2  | 22.8  |
| 87        | 12.7  | 9.8   | 14.6  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#44

Trichloroethene

Concen: 19.285 ug/l

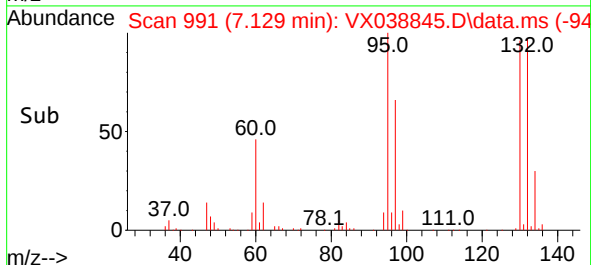
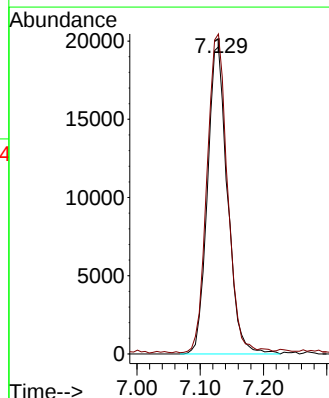
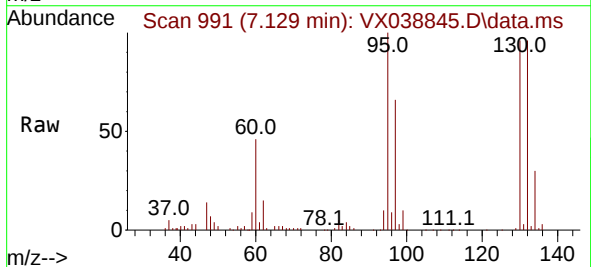
RT: 7.129 min Scan# 991

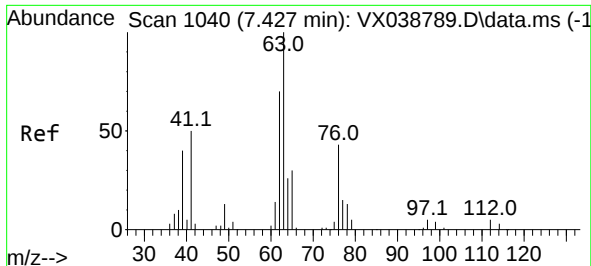
Delta R.T. 0.006 min

Lab File: VX038845.D

Acq: 16 Nov 2023 18:12

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 130   | Resp: | 43375 |
| Ion Ratio | Lower | Upper |       |
| 130       | 100   |       |       |
| 95        | 103.8 | 0.0   | 204.4 |





#45

1,2-Dichloropropane

Concen: 20.054 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX038845.D

Acq: 16 Nov 2023 18:12

Instrument :

MSVOA\_X

ClientSampleId :

VX1116WBSD01

Tgt Ion: 63 Resp: 4986

Ion Ratio Lower Upper

63 100

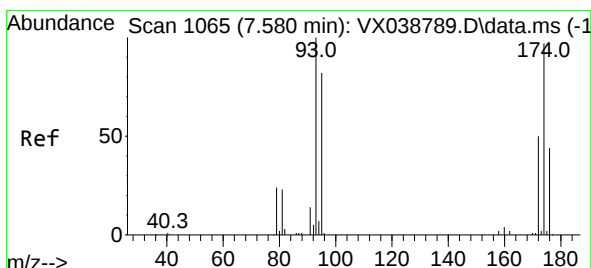
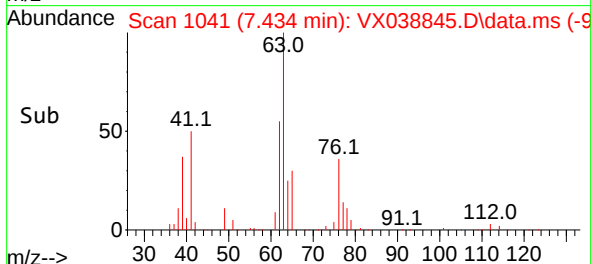
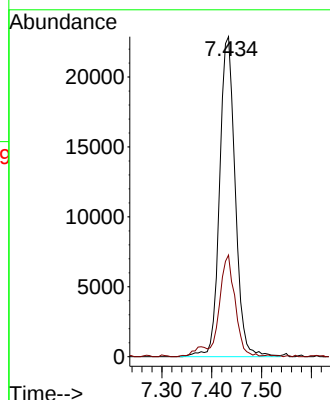
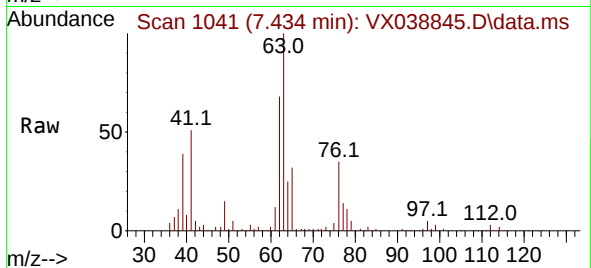
65 31.5 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#46

Dibromomethane

Concen: 19.900 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX038845.D

Acq: 16 Nov 2023 18:12

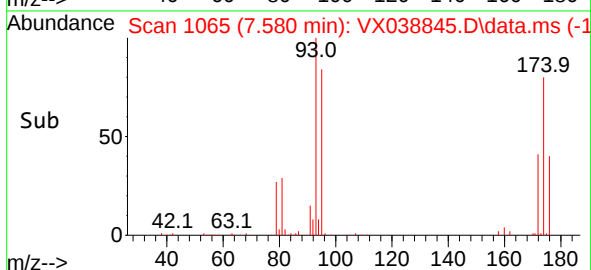
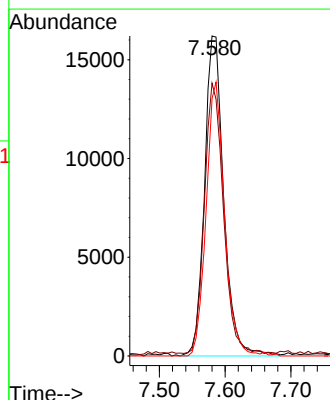
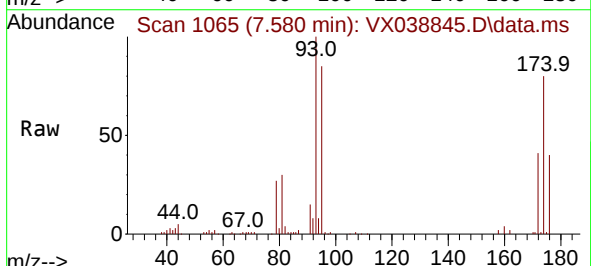
Tgt Ion: 93 Resp: 33001

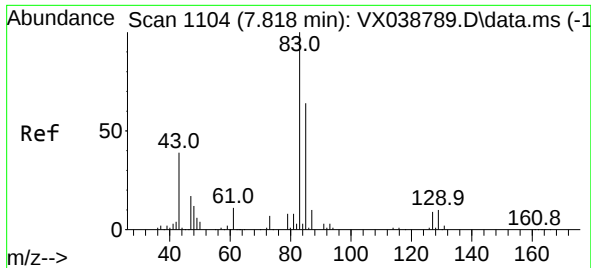
Ion Ratio Lower Upper

93 100

95 83.5 66.6 100.0

174 82.3 69.4 104.0





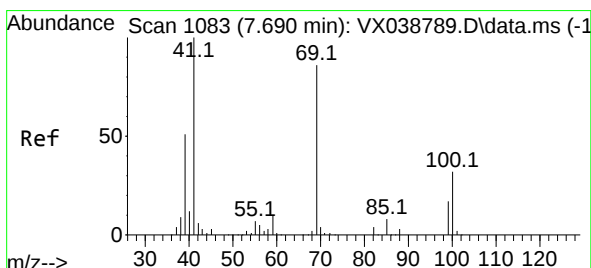
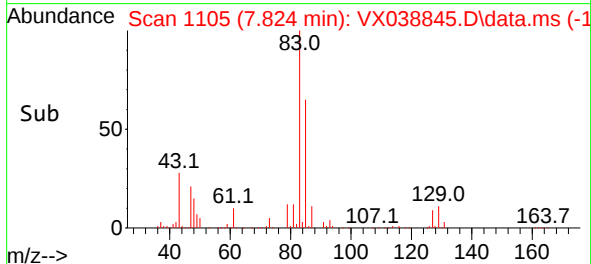
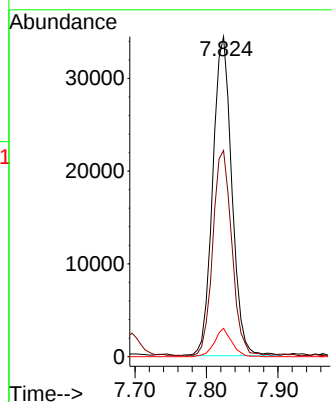
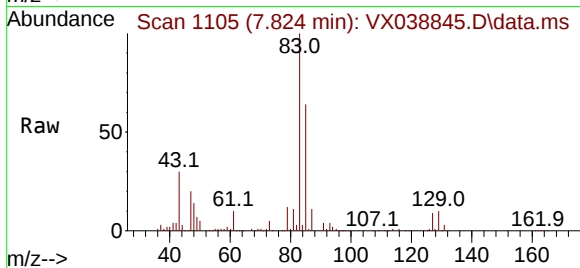
#47  
Bromodichloromethane  
Concen: 19.385 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. 0.006 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1116WBSD01

Tgt Ion: 83 Resp: 6380  
Ion Ratio Lower Upper  
83 100  
85 64.2 49.8 74.6  
127 8.9 7.1 10.7

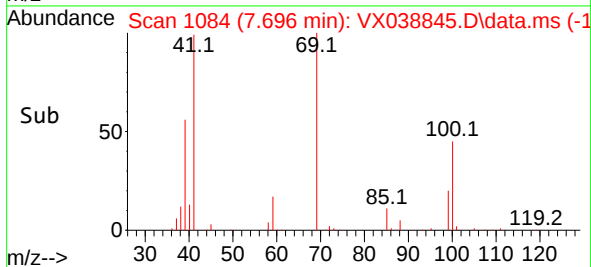
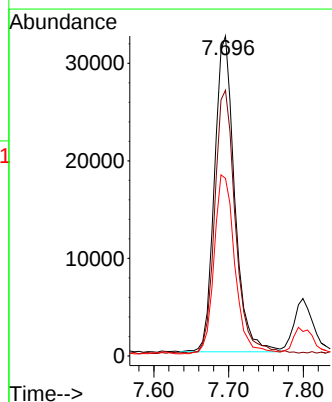
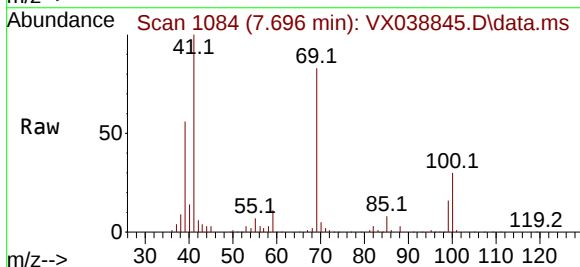
Manual Integrations  
APPROVED

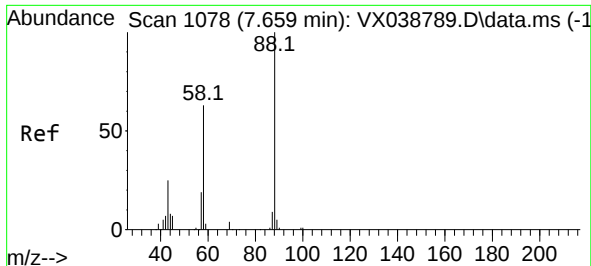
Reviewed By :John Carlone 11/17/2023  
Supervised By :Mahesh Dadoda 11/17/2023



#48  
Methyl methacrylate  
Concen: 19.237 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. 0.006 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

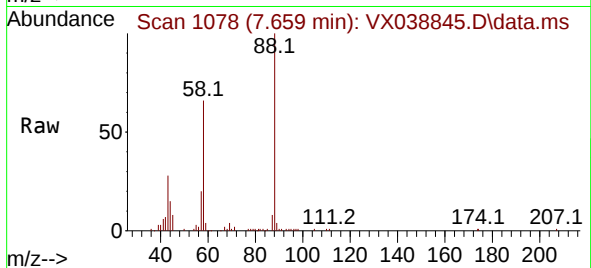
Tgt Ion: 41 Resp: 60714  
Ion Ratio Lower Upper  
41 100  
69 85.4 59.2 88.8  
39 58.4 47.7 71.5





#49  
1,4-Dioxane  
Concen: 405.436 ug/l  
RT: 7.659 min Scan# 1078  
Delta R.T. 0.000 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

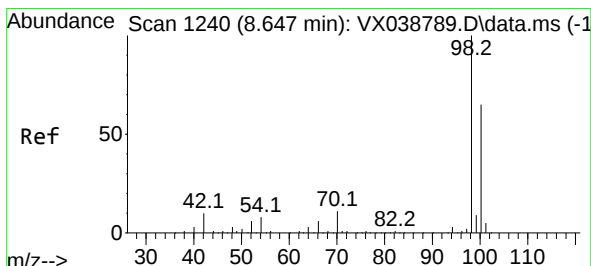
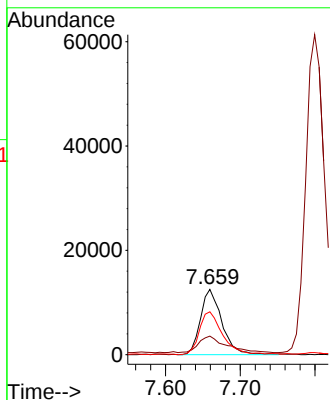
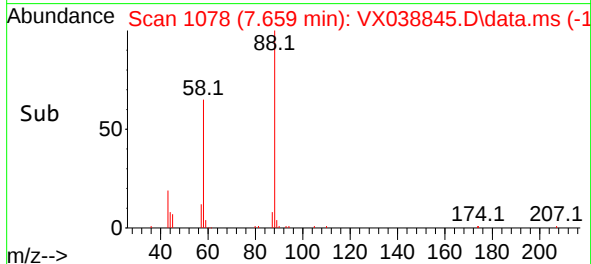
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1116WBSD01



Tgt Ion: 88 Resp: 24750  
Ion Ratio Lower Upper  
88 100  
43 32.4 0.0 0.0  
58 71.2 60.1 90.1

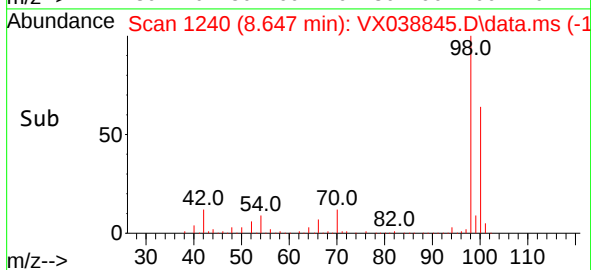
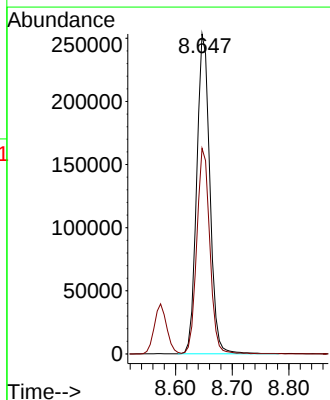
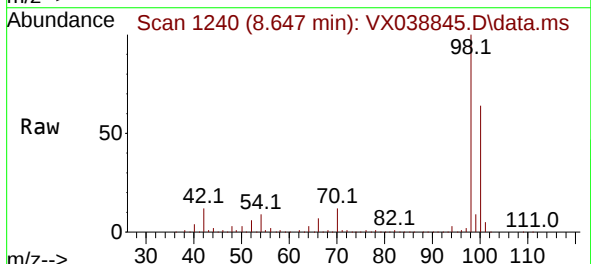
Manual Integrations  
APPROVED

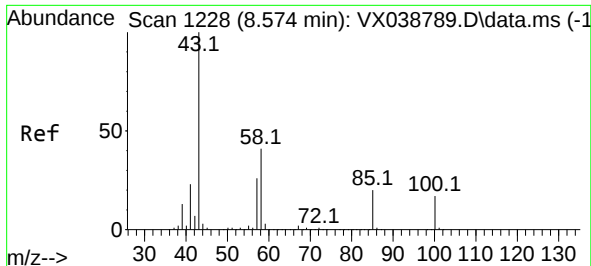
Reviewed By :John Carlone 11/17/2023  
Supervised By :Mahesh Dadoda 11/17/2023



#50  
Toluene-d8  
Concen: 48.821 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

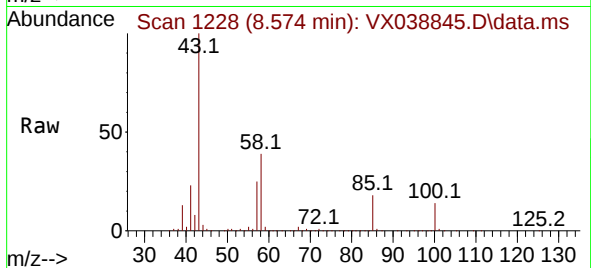
Tgt Ion: 98 Resp: 407174  
Ion Ratio Lower Upper  
98 100  
100 63.7 53.1 79.7





#51  
4-Methyl-2-Pentanone  
Concen: 104.492 ug/l  
RT: 8.574 min Scan# 1228  
Delta R.T. 0.000 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

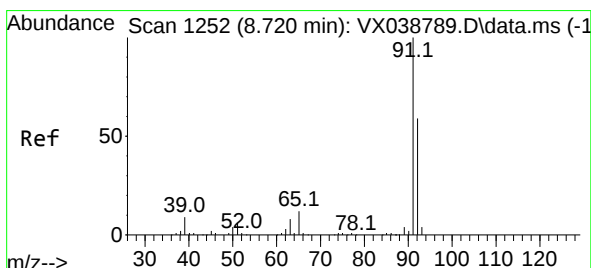
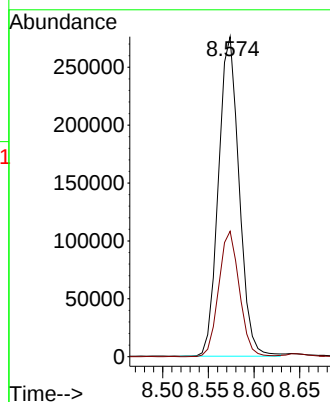
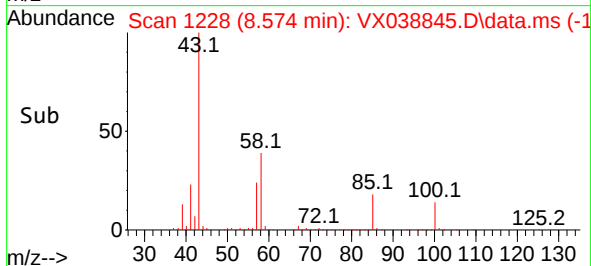
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1116WBSD01



Tgt Ion: 43 Resp: 43438  
Ion Ratio Lower Upper  
43 100  
58 39.2 30.4 45.6

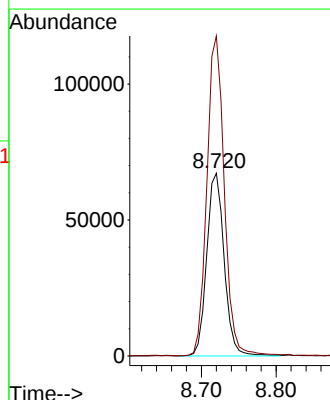
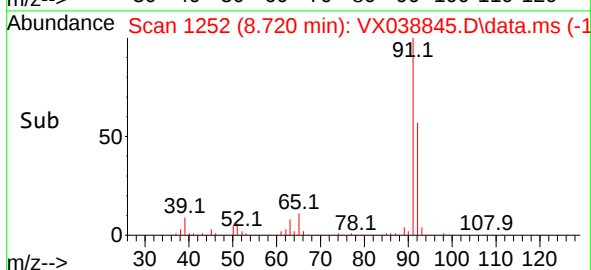
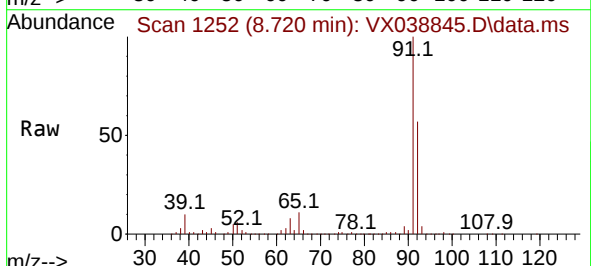
Manual Integrations  
APPROVED

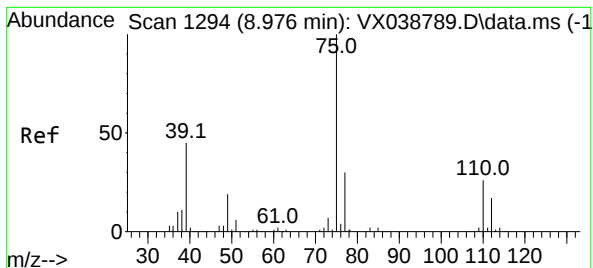
Reviewed By :John Carlone 11/17/2023  
Supervised By :Mahesh Dadoda 11/17/2023



#52  
Toluene  
Concen: 19.006 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

Tgt Ion: 92 Resp: 108984  
Ion Ratio Lower Upper  
92 100  
91 174.4 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 19.625 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX038845.D

Acq: 16 Nov 2023 18:12

Instrument :

MSVOA\_X

ClientSampleId :

VX1116WBSD01

Tgt Ion: 75 Resp: 7675

Ion Ratio Lower Upper

75 100

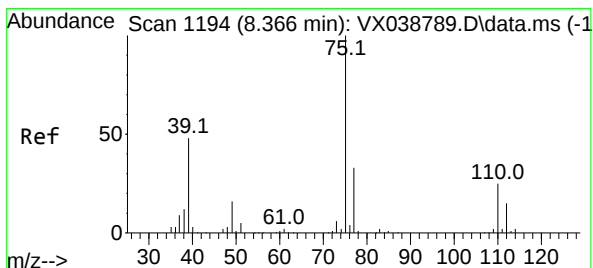
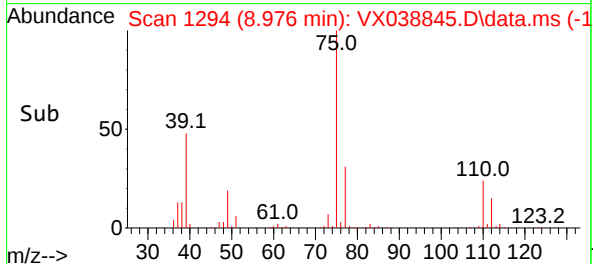
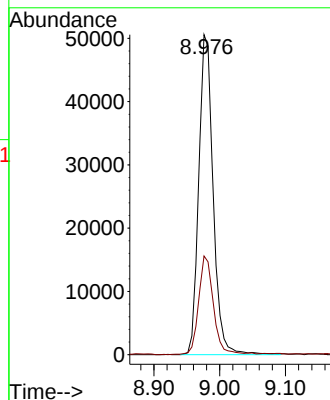
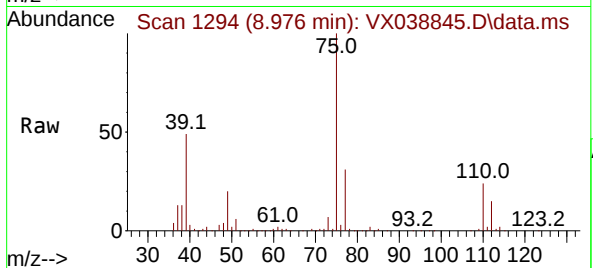
77 30.7 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#54

cis-1,3-Dichloropropene

Concen: 19.420 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038845.D

Acq: 16 Nov 2023 18:12

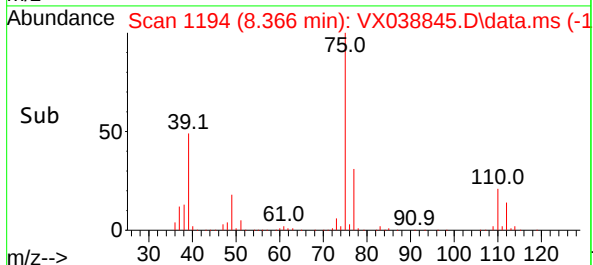
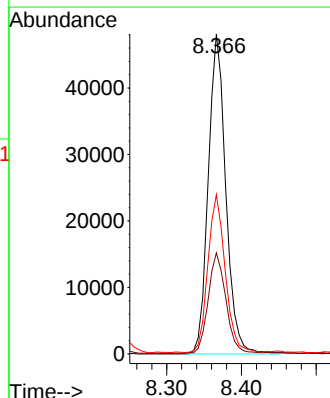
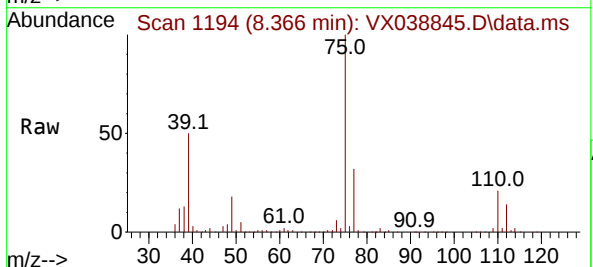
Tgt Ion: 75 Resp: 78461

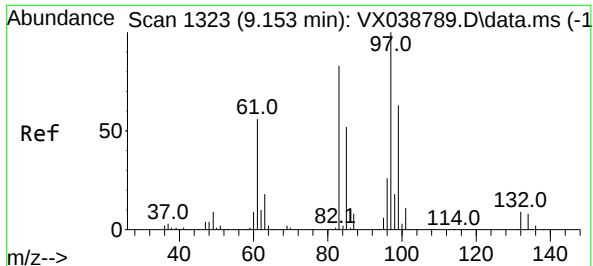
Ion Ratio Lower Upper

75 100

77 31.4 25.3 37.9

39 49.2 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 19.900 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX038845.D

Acq: 16 Nov 2023 18:12

Instrument :

MSVOA\_X

ClientSampleId :

VX1116WBSD01

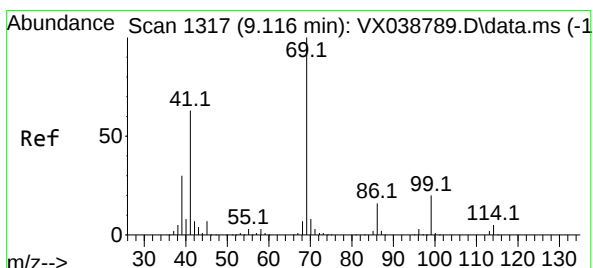
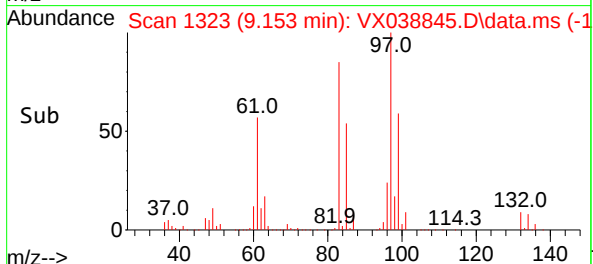
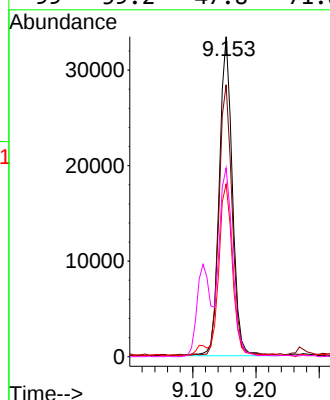
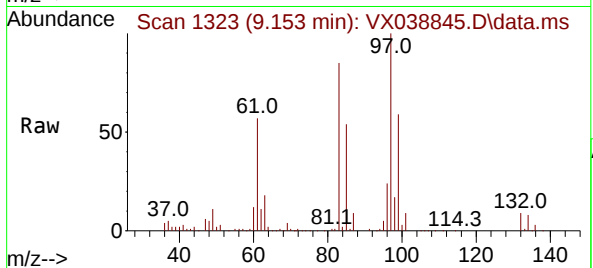
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 4761  |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 84.5     | 65.8 98.8   |
| 85 53.8     | 41.6 62.4   |
| 99 59.2     | 47.8 71.8   |

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#56

Ethyl methacrylate

Concen: 19.620 ug/l

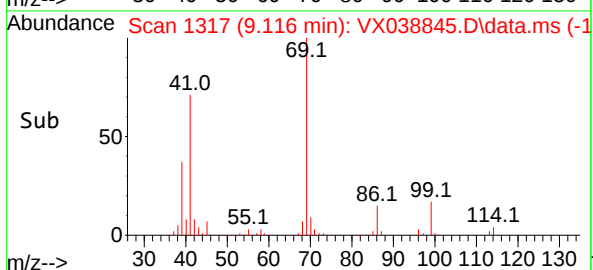
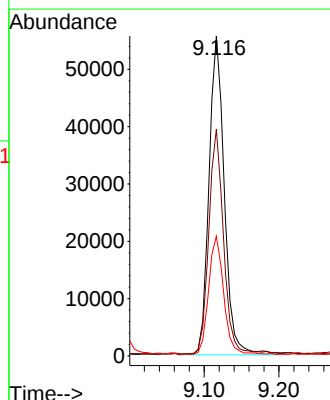
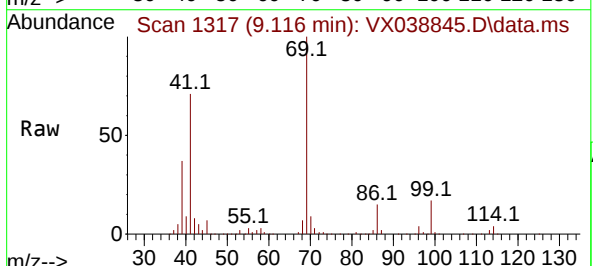
RT: 9.116 min Scan# 1317

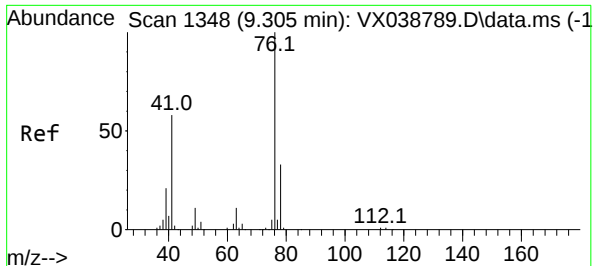
Delta R.T. 0.000 min

Lab File: VX038845.D

Acq: 16 Nov 2023 18:12

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 79425 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 66.9     | 56.8 85.2   |
| 39 36.2     | 32.0 48.0   |





#57

1,3-Dichloropropane

Concen: 19.860 ug/l

RT: 9.305 min Scan# 1117

Delta R.T. 0.000 min

Lab File: VX038845.D

Acq: 16 Nov 2023 18:12

Instrument :

MSVOA\_X

ClientSampleId :

VX1116WBSD01

Tgt Ion: 76 Resp: 7858

Ion Ratio Lower Upper

76 100

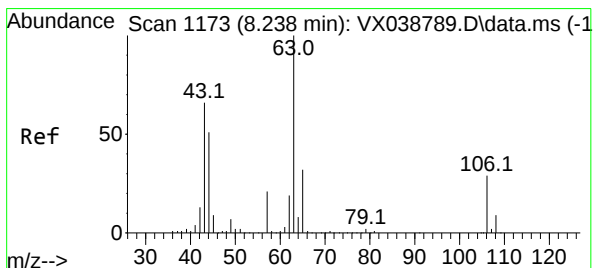
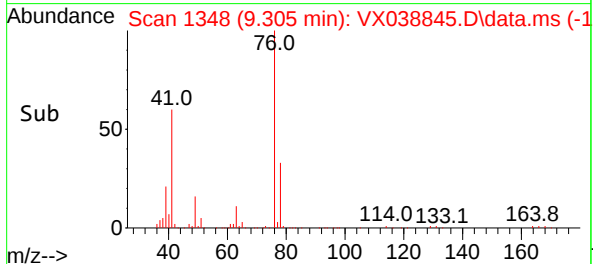
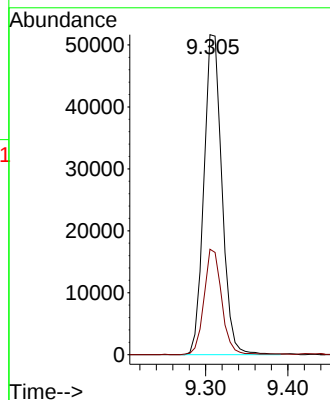
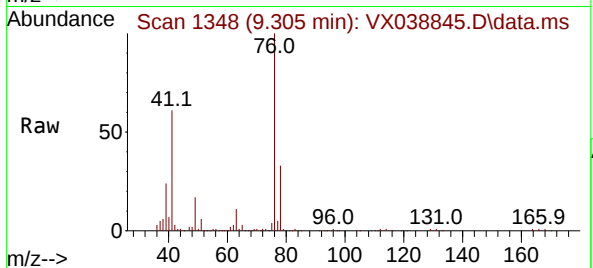
78 32.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#58

2-Chloroethyl Vinyl ether

Concen: 95.171 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX038845.D

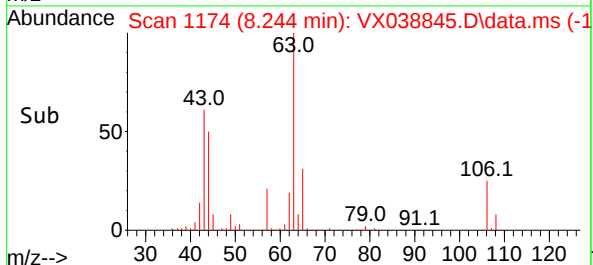
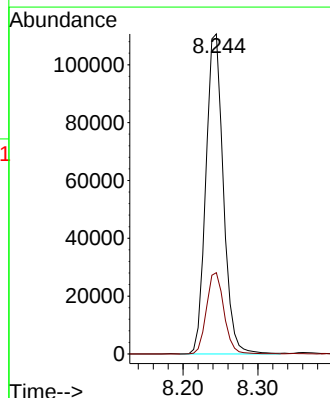
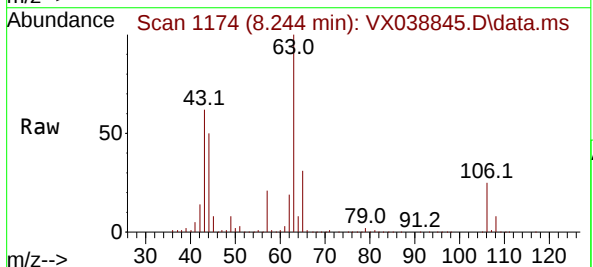
Acq: 16 Nov 2023 18:12

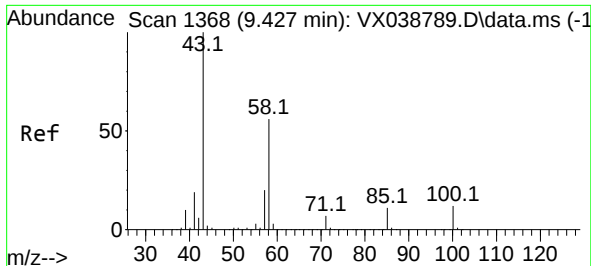
Tgt Ion: 63 Resp: 179476

Ion Ratio Lower Upper

63 100

106 25.5 22.5 33.7





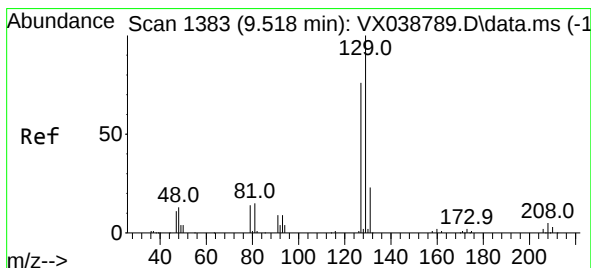
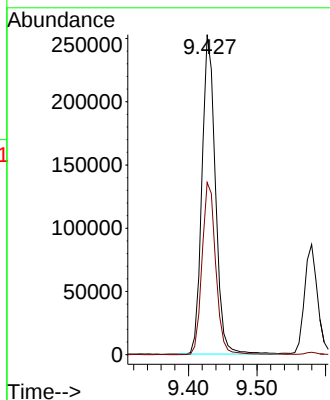
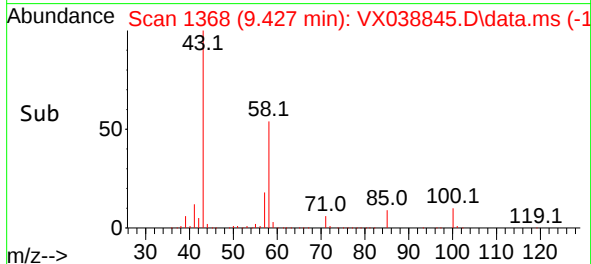
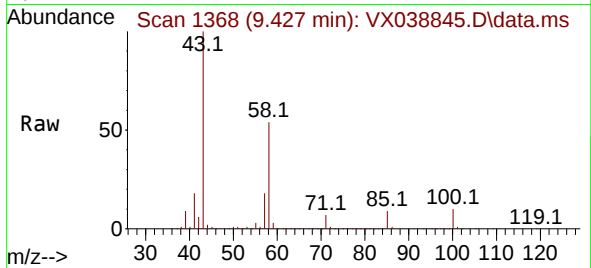
#59  
2-Hexanone  
Concen: 103.887 ug/l  
RT: 9.427 min Scan# 1368  
Delta R.T. 0.000 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1116WBSD01

Tgt Ion: 43 Resp: 34615  
Ion Ratio Lower Upper  
43 100  
58 54.9 26.2 78.5

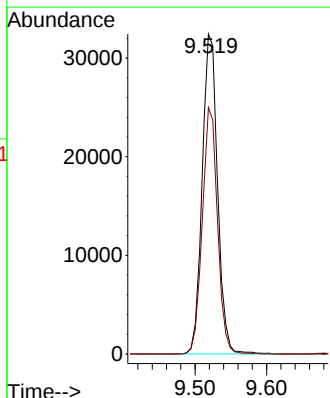
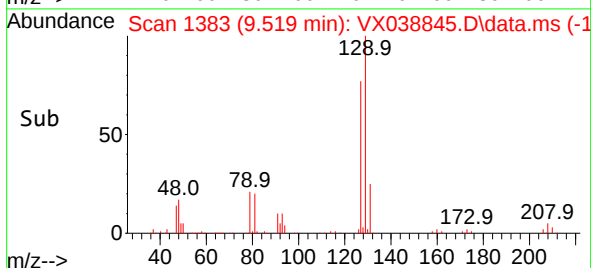
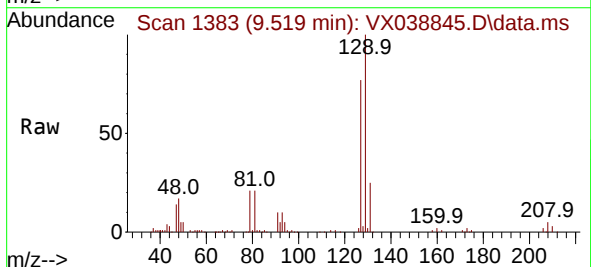
Manual Integrations  
APPROVED

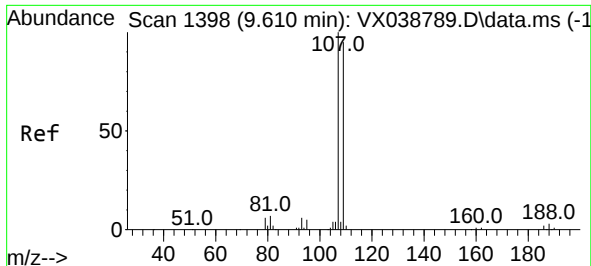
Reviewed By :John Carlone 11/17/2023  
Supervised By :Mahesh Dadoda 11/17/2023



#60  
Dibromochloromethane  
Concen: 19.917 ug/l  
RT: 9.519 min Scan# 1383  
Delta R.T. 0.000 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

Tgt Ion:129 Resp: 48453  
Ion Ratio Lower Upper  
129 100  
127 76.2 38.8 116.4





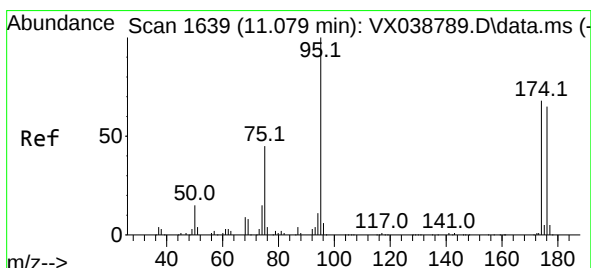
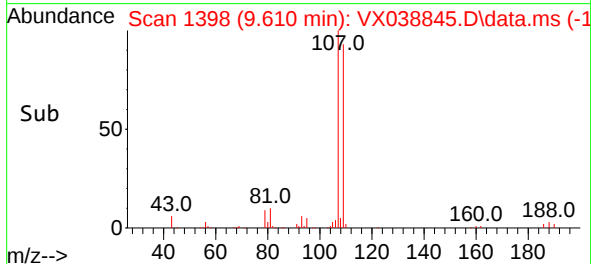
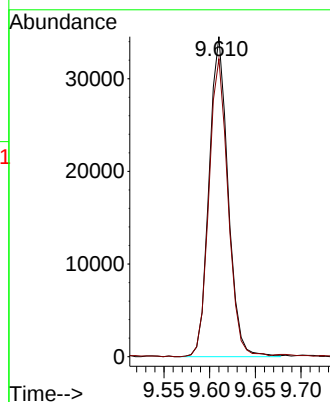
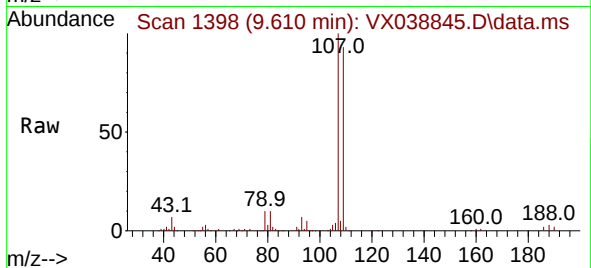
#61  
1,2-Dibromoethane  
Concen: 19.875 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. 0.000 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1116WBSD01

Tgt Ion:107 Resp: 49899  
Ion Ratio Lower Upper  
107 100  
109 93.7 75.2 112.8

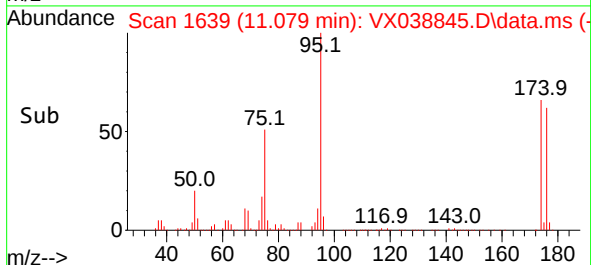
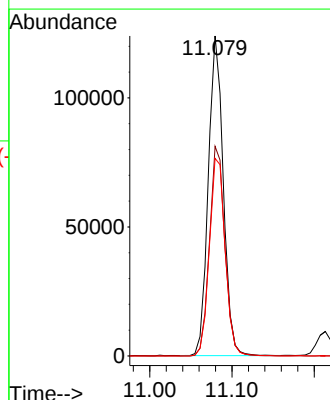
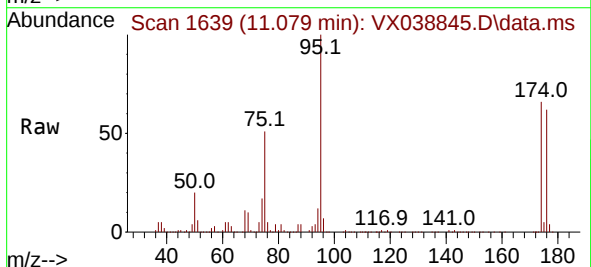
Manual Integrations  
APPROVED

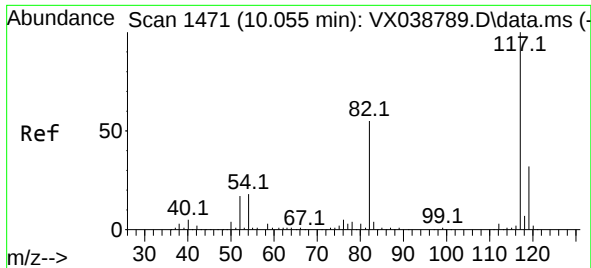
Reviewed By :John Carlone 11/17/2023  
Supervised By :Mahesh Dadoda 11/17/2023



#62  
4-Bromofluorobenzene  
Concen: 46.902 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

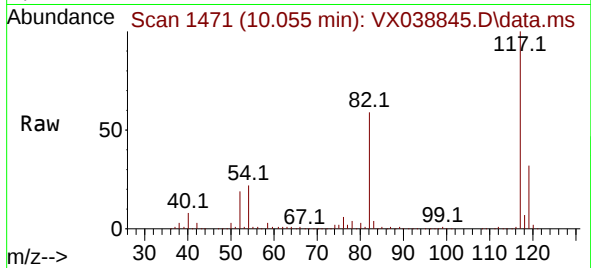
Tgt Ion: 95 Resp: 156589  
Ion Ratio Lower Upper  
95 100  
174 67.6 0.0 135.6  
176 65.3 0.0 131.0





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

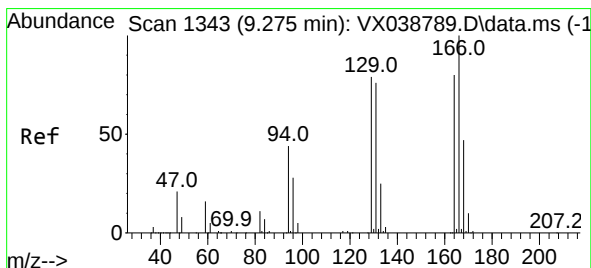
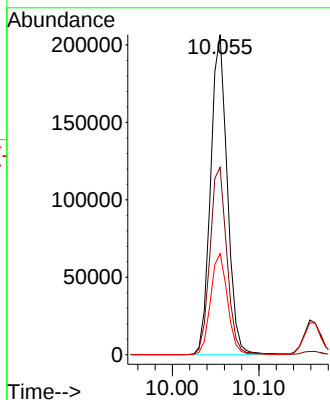
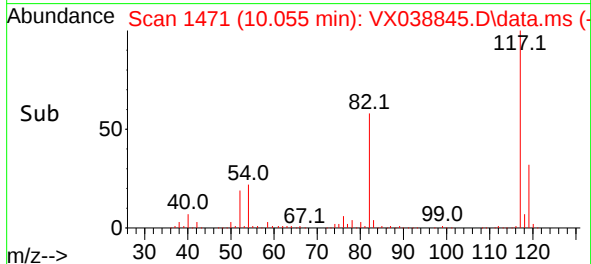
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1116WBSD01



Tgt Ion:117 Resp: 276120  
Ion Ratio Lower Upper  
117 100  
82 58.5 46.2 69.4  
119 31.6 25.5 38.3

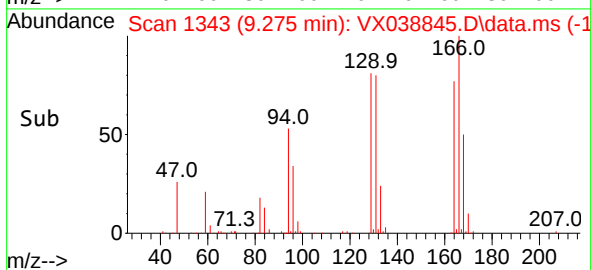
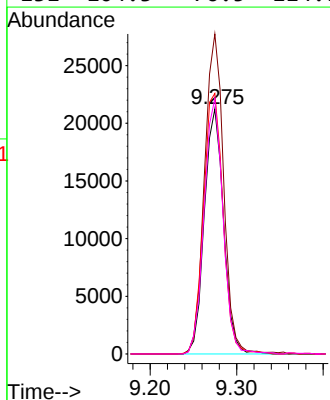
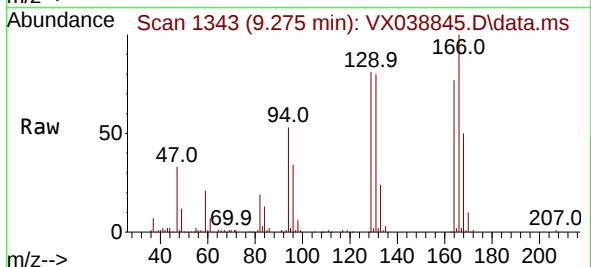
Manual Integrations  
APPROVED

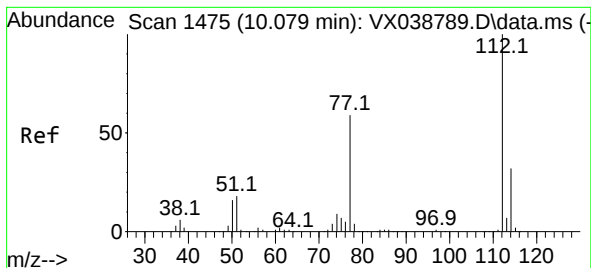
Reviewed By :John Carlone 11/17/2023  
Supervised By :Mahesh Dadoda 11/17/2023



#64  
Tetrachloroethene  
Concen: 19.054 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

Tgt Ion:164 Resp: 32703  
Ion Ratio Lower Upper  
164 100  
166 130.7 102.7 154.1  
129 106.4 80.4 120.6  
131 104.3 76.5 114.7





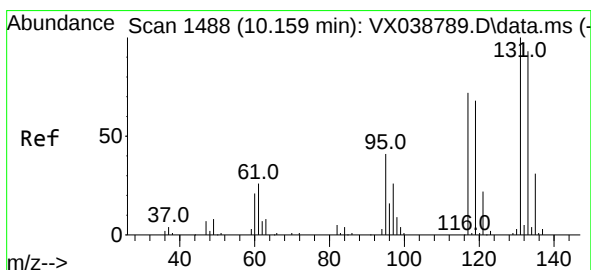
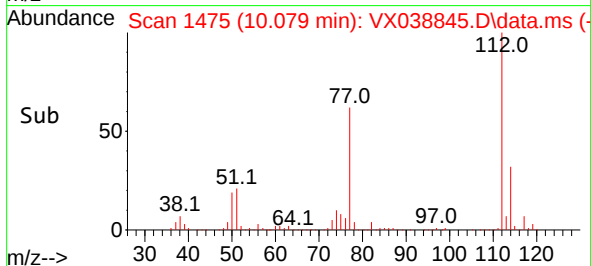
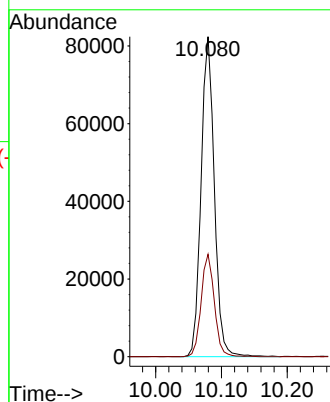
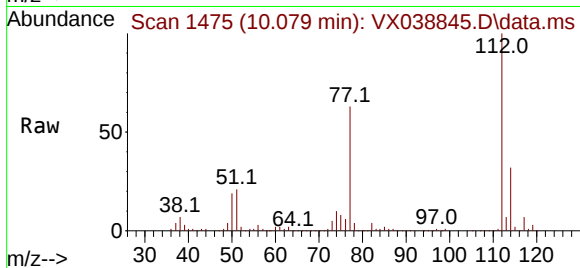
#65  
Chlorobenzene  
Concen: 19.405 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1116WBSD01

Tgt Ion:112 Resp: 115418  
Ion Ratio Lower Upper  
112 100  
114 32.0 25.7 38.5

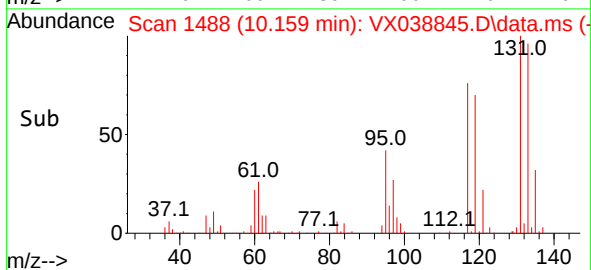
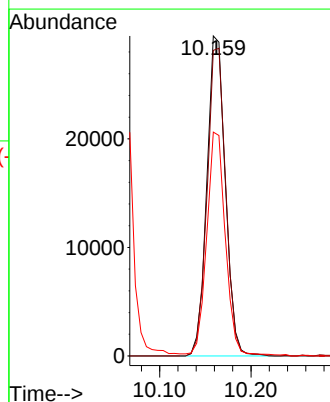
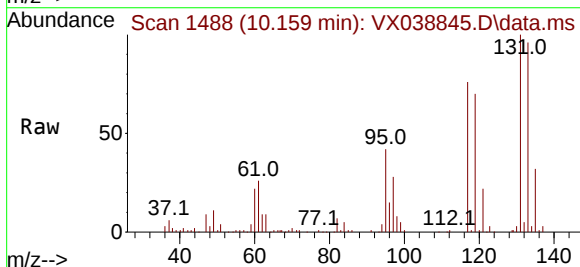
Manual Integrations  
APPROVED

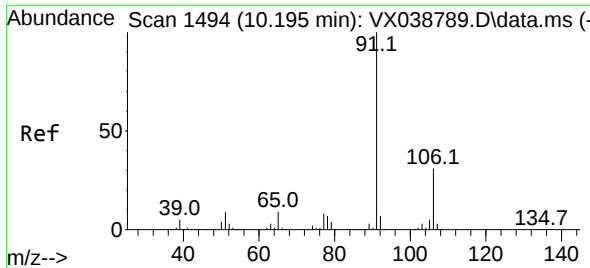
Reviewed By :John Carlone 11/17/2023  
Supervised By :Mahesh Dadoda 11/17/2023



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.308 ug/l  
RT: 10.159 min Scan# 1488  
Delta R.T. 0.000 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

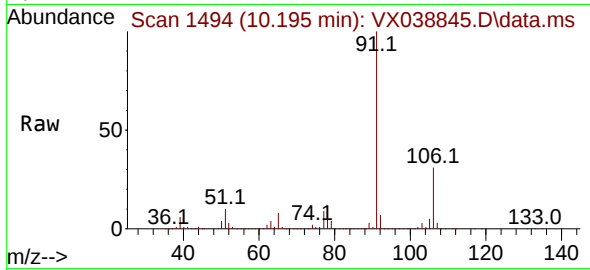
Tgt Ion:131 Resp: 41311  
Ion Ratio Lower Upper  
131 100  
133 97.2 47.1 141.4  
119 71.2 32.2 96.6





#67  
Ethyl Benzene  
Concen: 19.569 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

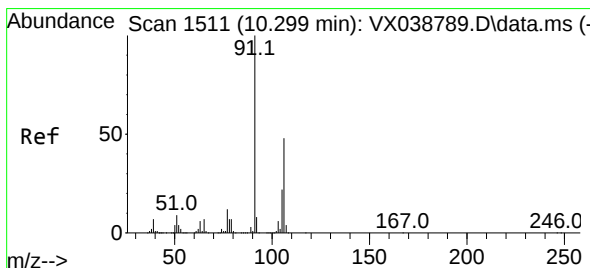
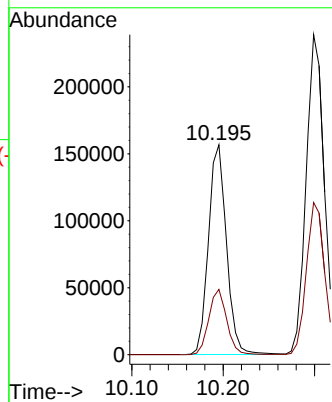
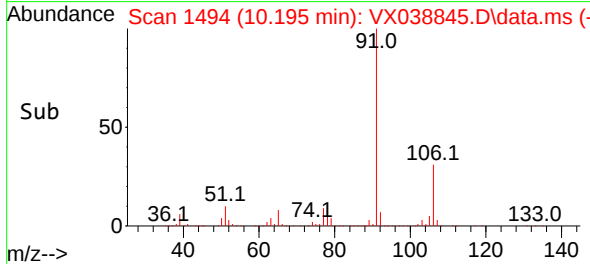
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1116WBSD01



Tgt Ion: 91 Resp: 21384  
Ion Ratio Lower Upper  
91 100  
106 31.1 24.9 37.3

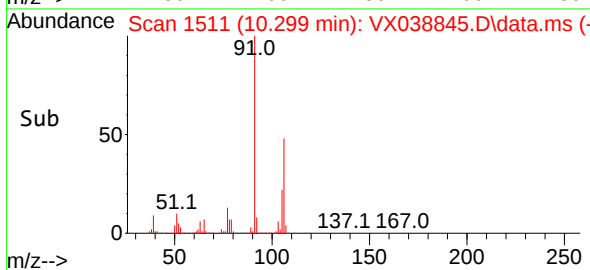
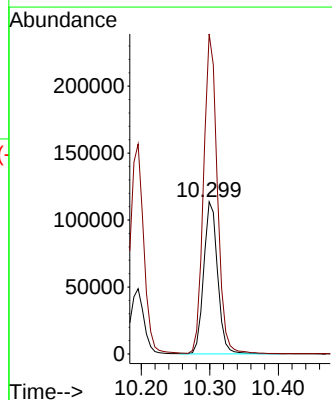
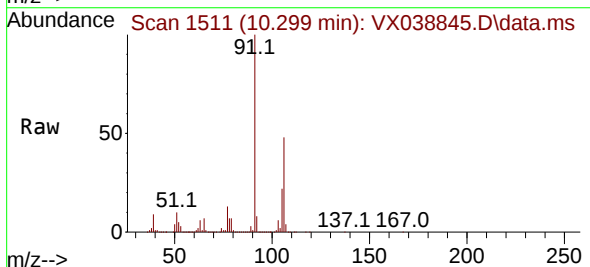
Manual Integrations  
APPROVED

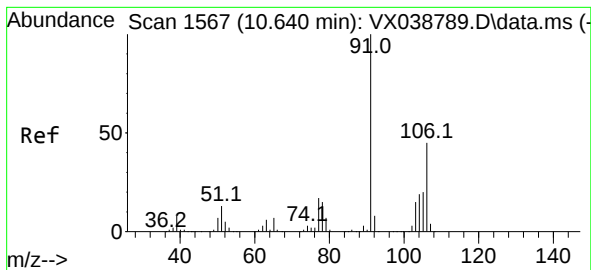
Reviewed By :John Carlone 11/17/2023  
Supervised By :Mahesh Dadoda 11/17/2023



#68  
m/p-Xylenes  
Concen: 38.820 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

Tgt Ion:106 Resp: 160471  
Ion Ratio Lower Upper  
106 100  
91 208.0 165.5 248.3





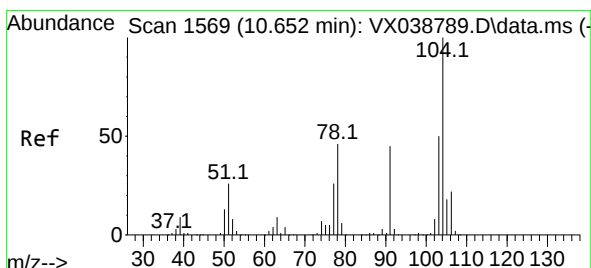
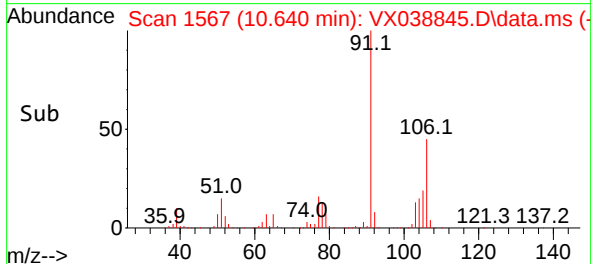
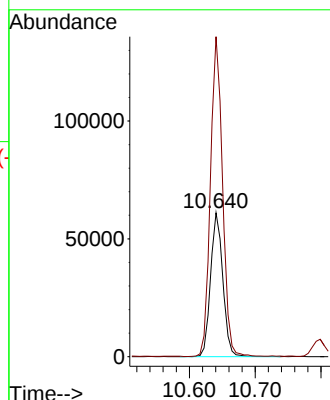
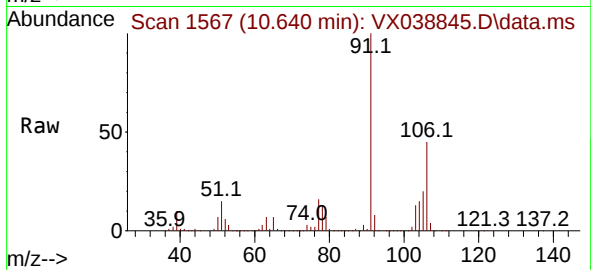
#69  
o-Xylene  
Concen: 19.362 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1116WBSD01

Tgt Ion:106 Resp: 79197  
Ion Ratio Lower Upper  
106 100  
91 219.4 108.9 326.8

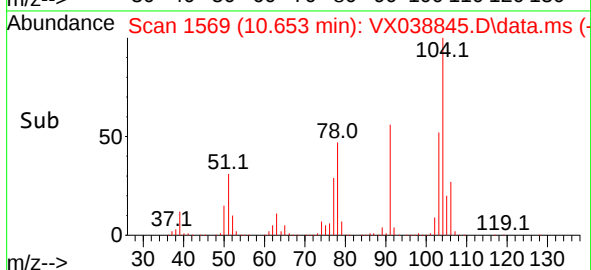
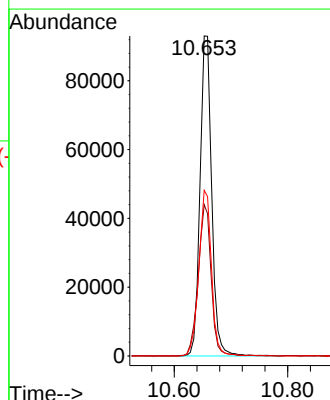
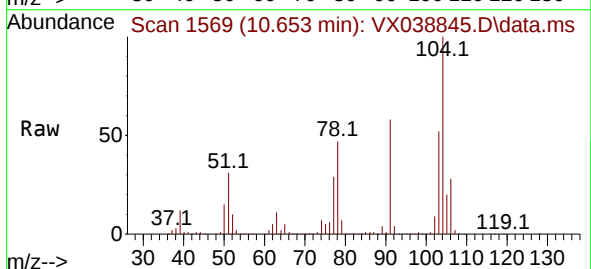
Manual Integrations  
APPROVED

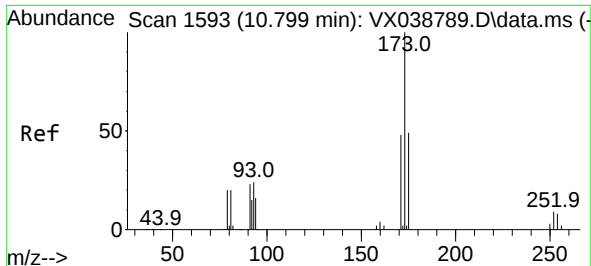
Reviewed By :John Carlone 11/17/2023  
Supervised By :Mahesh Dadoda 11/17/2023



#70  
Styrene  
Concen: 19.262 ug/l  
RT: 10.653 min Scan# 1569  
Delta R.T. 0.000 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

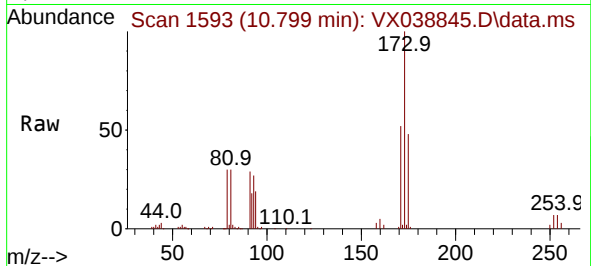
Tgt Ion:104 Resp: 133061  
Ion Ratio Lower Upper  
104 100  
78 52.3 43.6 65.4  
103 55.8 43.6 65.4





#71  
Bromoform  
Concen: 19.761 ug/l  
RT: 10.799 min Scan# 1593  
Delta R.T. 0.000 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

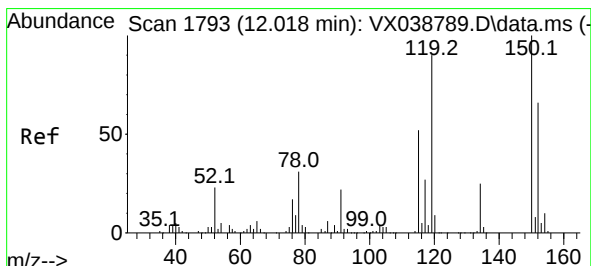
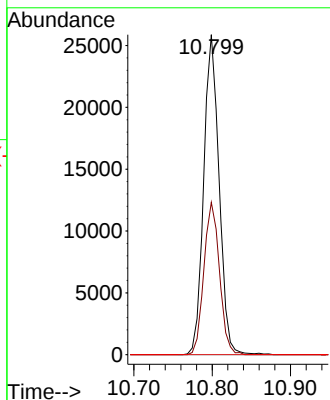
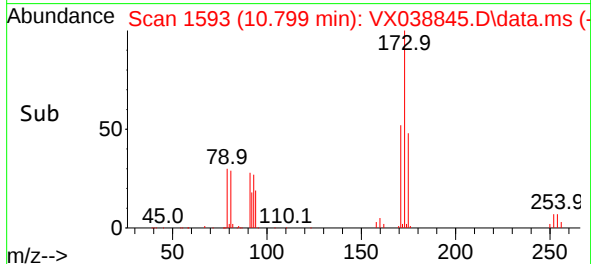
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1116WBSD01



Tgt Ion:173 Resp: 35240  
Ion Ratio Lower Upper  
173 100  
175 48.1 24.1 72.4  
254 0.0 0.0 0.0

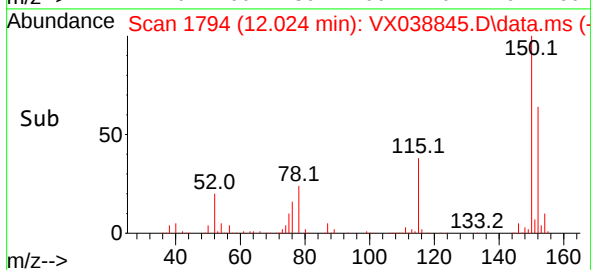
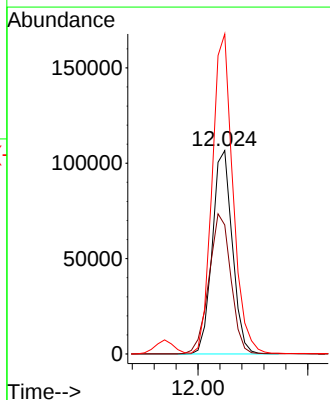
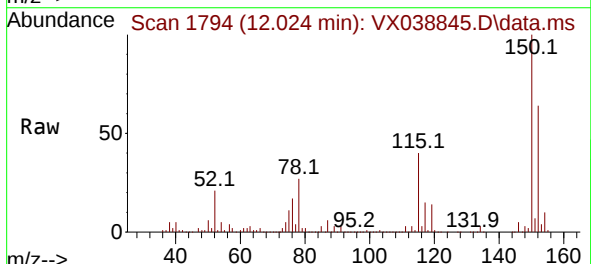
Manual Integrations  
APPROVED

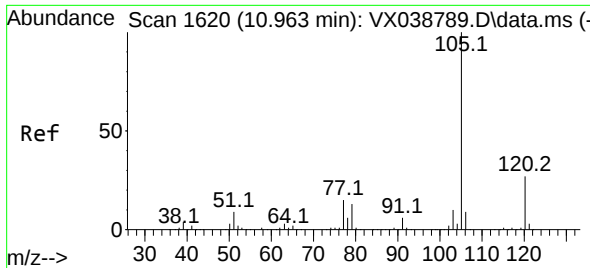
Reviewed By :John Carlone 11/17/2023  
Supervised By :Mahesh Dadoda 11/17/2023



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.006 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

Tgt Ion:152 Resp: 135209  
Ion Ratio Lower Upper  
152 100  
115 75.0 43.3 129.9  
150 163.3 0.0 345.0





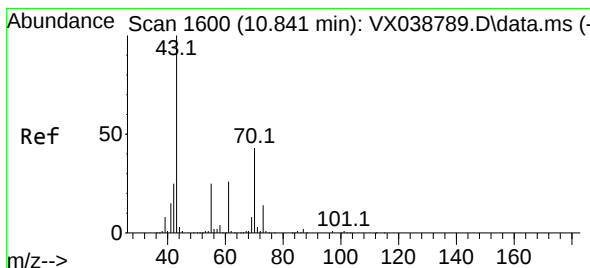
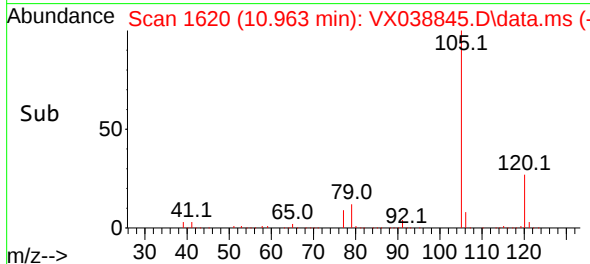
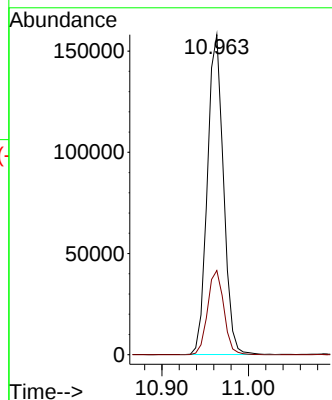
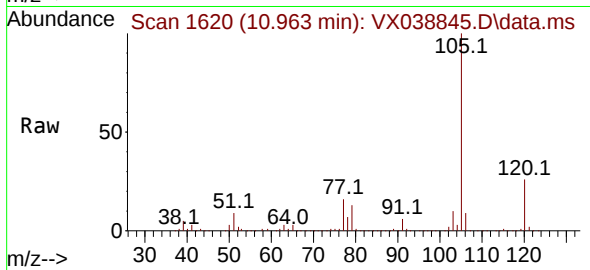
#73  
Isopropylbenzene  
Concen: 19.388 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1116WBSD01

Tgt Ion:105 Resp: 20424  
Ion Ratio Lower Upper  
105 100  
120 26.5 12.9 38.6

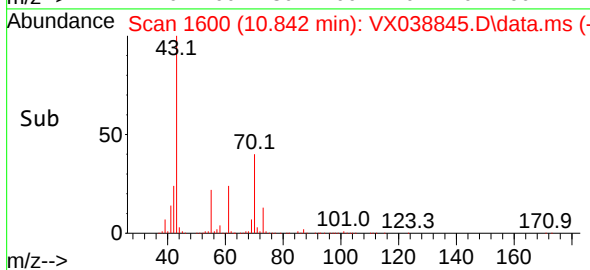
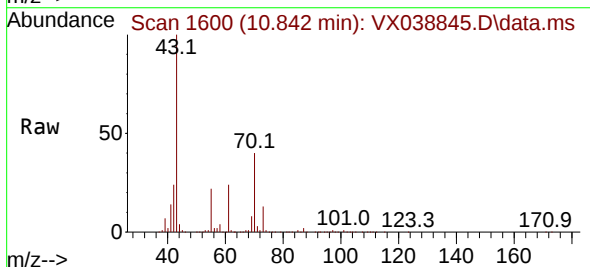
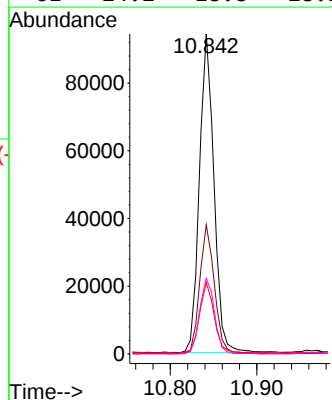
Manual Integrations  
APPROVED

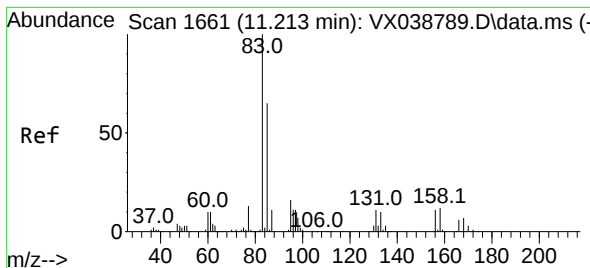
Reviewed By :John Carlone 11/17/2023  
Supervised By :Mahesh Dadoda 11/17/2023



#74  
N-ethyl acetate  
Concen: 19.769 ug/l  
RT: 10.842 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

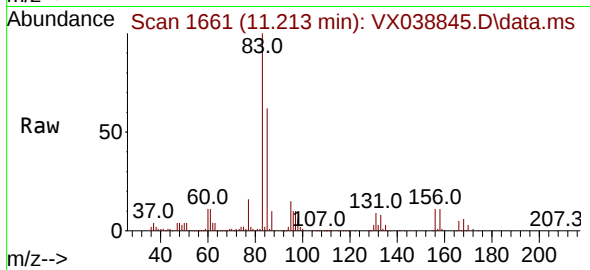
Tgt Ion: 43 Resp: 110088  
Ion Ratio Lower Upper  
43 100  
70 40.9 32.9 49.3  
55 22.3 19.3 28.9  
61 24.2 18.8 28.2





#75  
1,1,2,2-Tetrachloroethane  
Concen: 20.002 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. 0.000 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

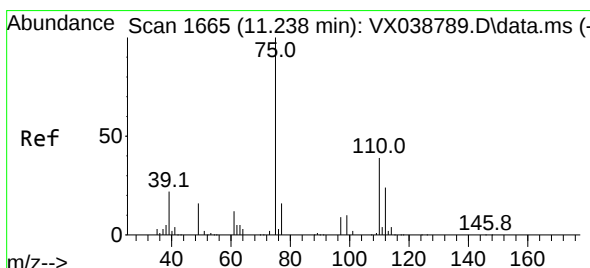
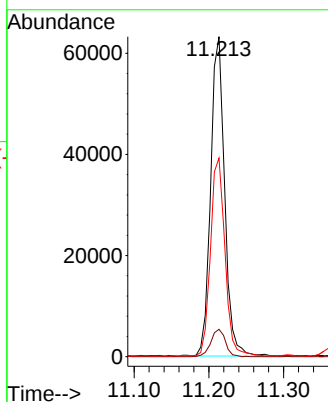
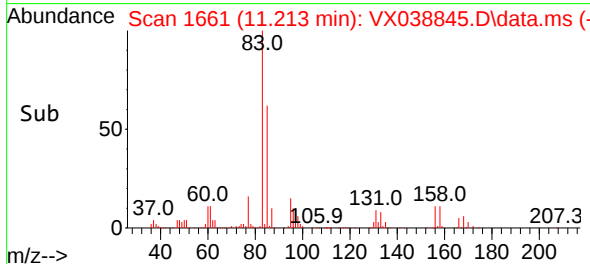
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1116WBSD01



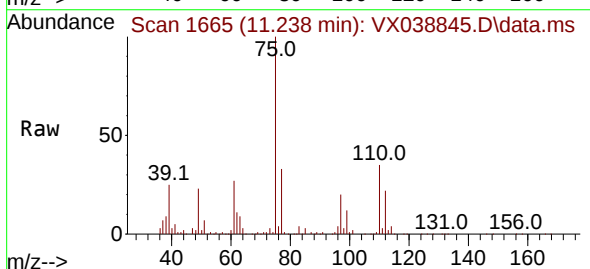
Tgt Ion: 83 Resp: 82250  
Ion Ratio Lower Upper  
83 100  
131 8.9 5.3 15.8  
85 64.3 32.0 96.2

Manual Integrations  
APPROVED

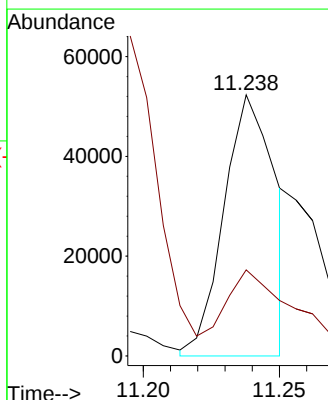
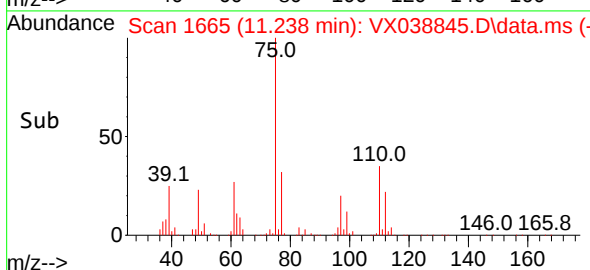
Reviewed By :John Carlone 11/17/2023  
Supervised By :Mahesh Dadoda 11/17/2023

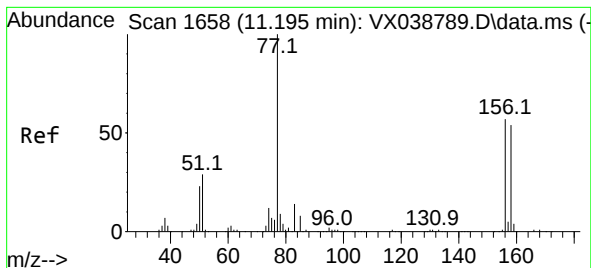


#76  
1,2,3-Trichloropropane  
Concen: 20.226 ug/l m  
RT: 11.238 min Scan# 1665  
Delta R.T. 0.000 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12



Tgt Ion: 75 Resp: 68231  
Ion Ratio Lower Upper  
75 100  
77 45.1 19.1 57.5





#77

Bromobenzene

Concen: 19.229 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX038845.D

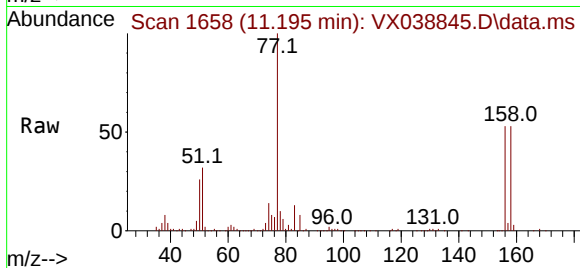
Acq: 16 Nov 2023 18:12

Instrument :

MSVOA\_X

ClientSampleId :

VX1116WBSD01



Tgt Ion:156 Resp: 45518

Ion Ratio Lower Upper

156 100

77 181.8 88.4 265.3

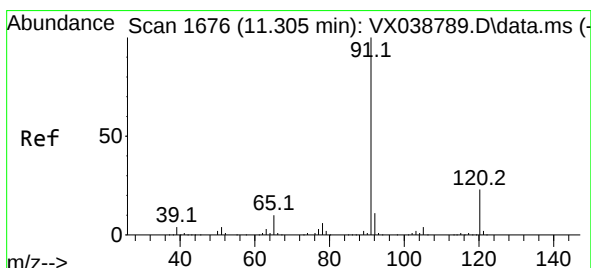
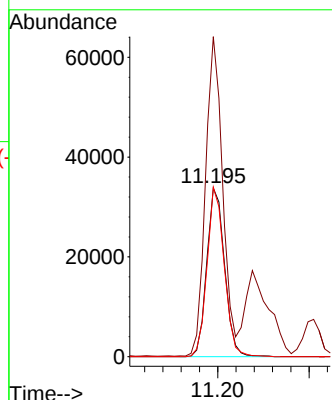
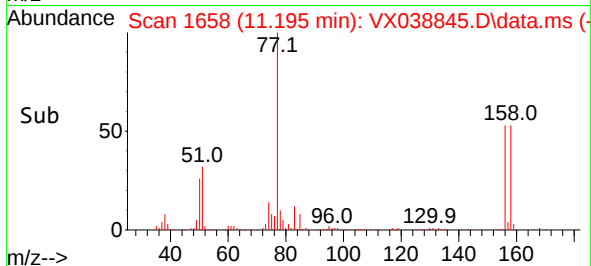
158 97.2 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#78

n-propylbenzene

Concen: 19.256 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX038845.D

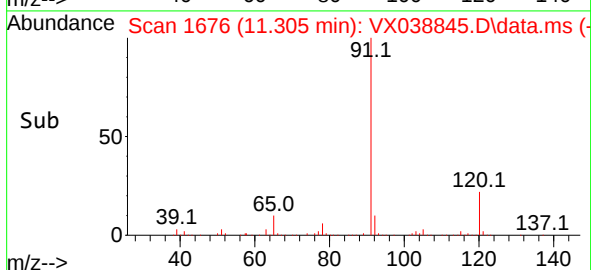
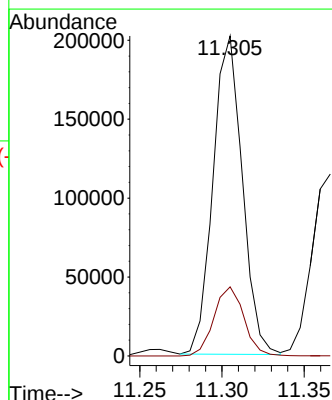
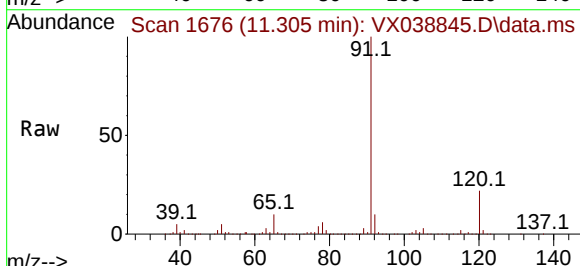
Acq: 16 Nov 2023 18:12

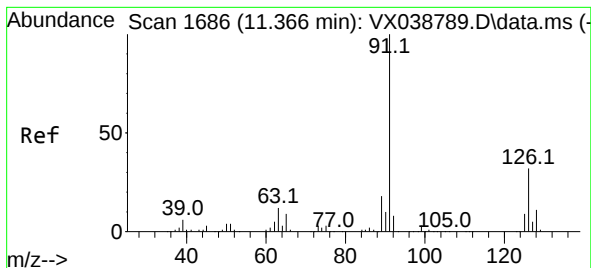
Tgt Ion: 91 Resp: 249695

Ion Ratio Lower Upper

91 100

120 22.3 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.107 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038845.D

Acq: 16 Nov 2023 18:12

Instrument :

MSVOA\_X

ClientSampleId :

VX1116WBSD01

Tgt Ion: 91 Resp: 147040

Ion Ratio Lower Upper

91 100

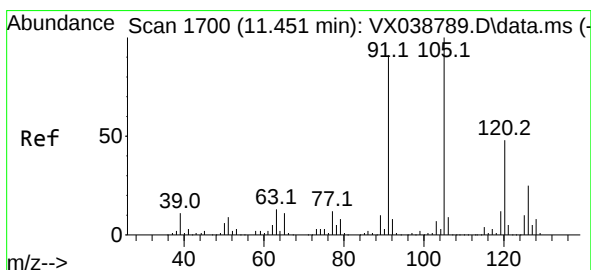
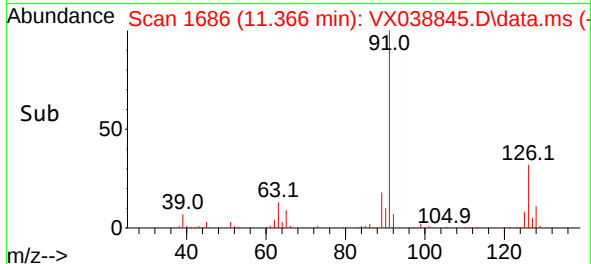
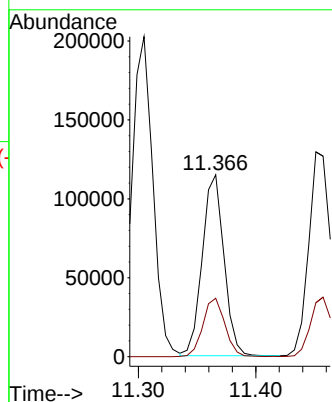
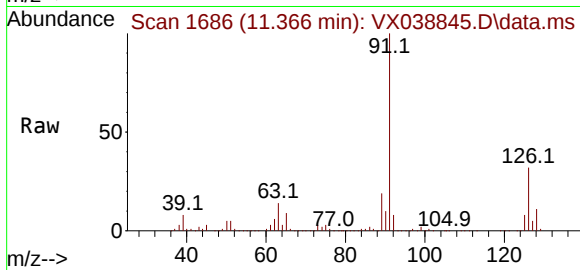
126 32.8 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#80

1,3,5-Trimethylbenzene

Concen: 19.400 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX038845.D

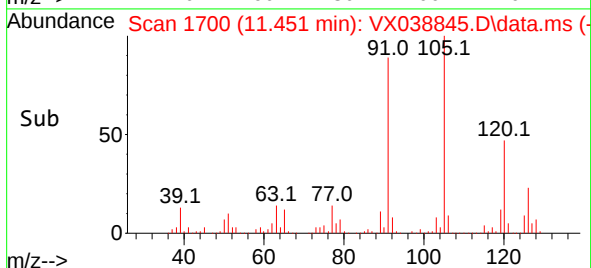
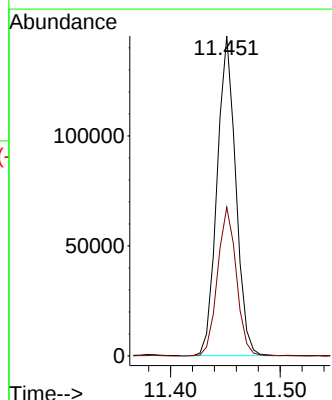
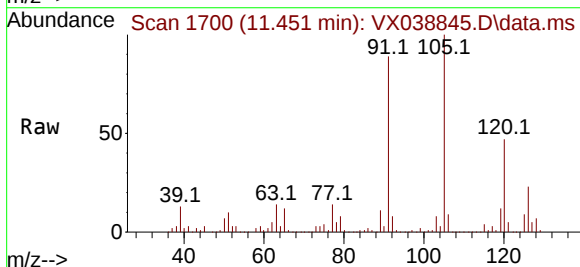
Acq: 16 Nov 2023 18:12

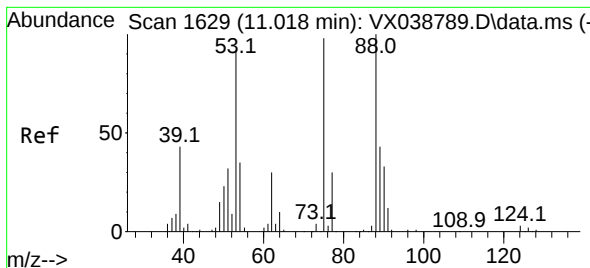
Tgt Ion:105 Resp: 171845

Ion Ratio Lower Upper

105 100

120 47.0 24.1 72.3





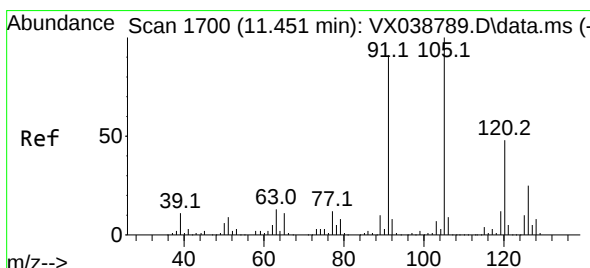
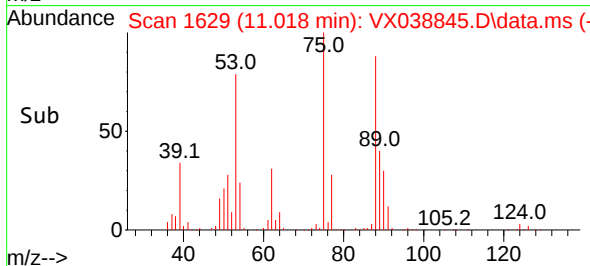
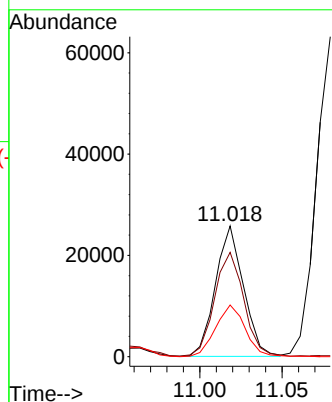
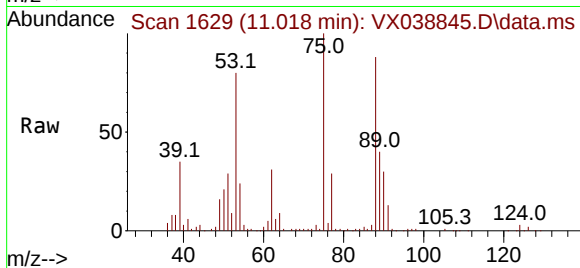
#81  
trans-1,4-Dichloro-2-butene  
Concen: 20.040 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1116WBSD01

Tgt Ion: 75 Resp: 30478  
Ion Ratio Lower Upper  
75 100  
53 82.8 90.5 135.7  
89 42.2 36.9 55.3

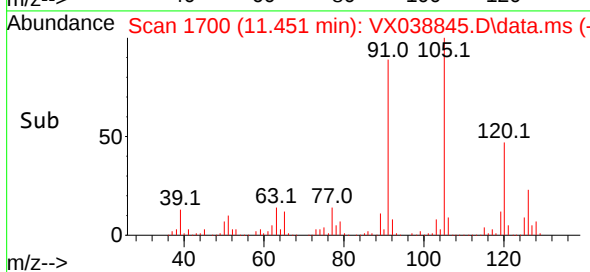
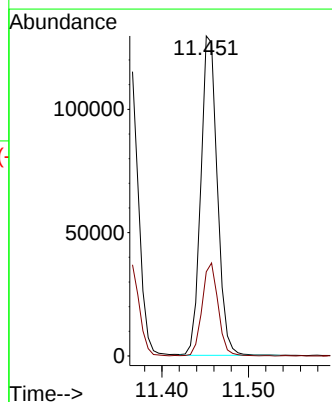
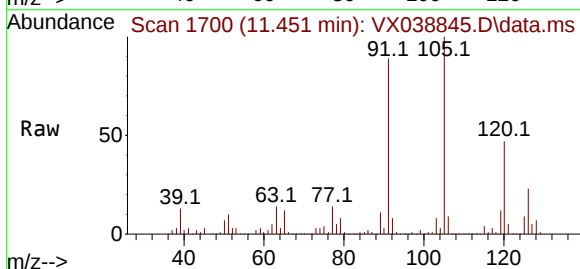
Manual Integrations  
APPROVED

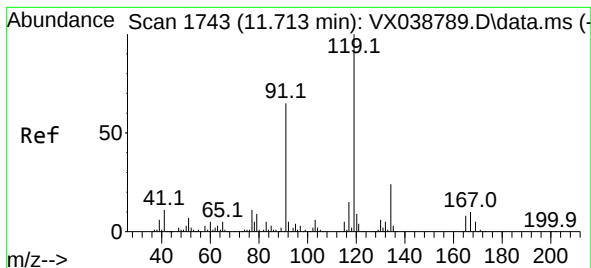
Reviewed By :John Carlone 11/17/2023  
Supervised By :Mahesh Dadoda 11/17/2023



#82  
4-Chlorotoluene  
Concen: 19.286 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

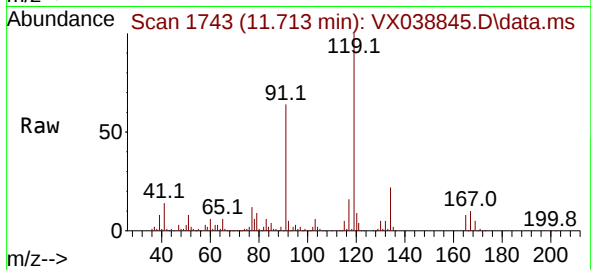
Tgt Ion: 91 Resp: 171126  
Ion Ratio Lower Upper  
91 100  
126 28.5 14.2 42.6





#83  
tert-Butylbenzene  
Concen: 19.333 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. 0.000 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

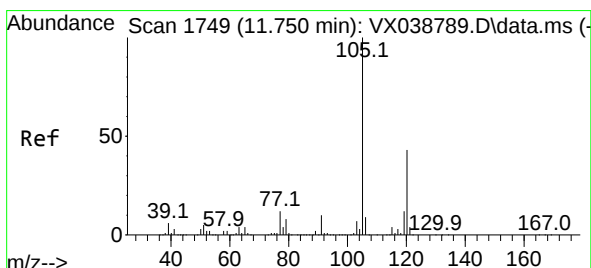
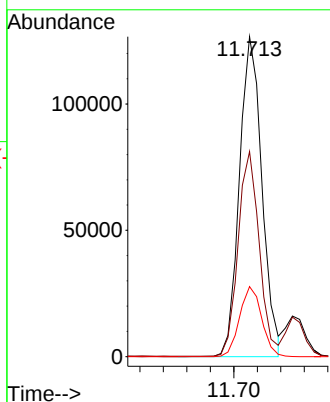
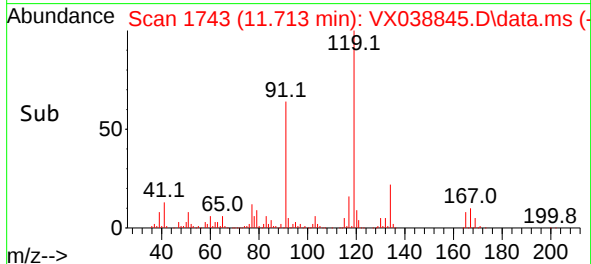
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1116WBSD01



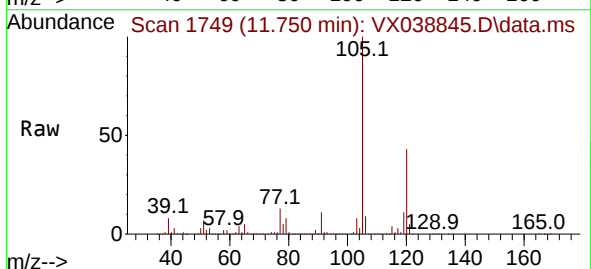
Tgt Ion:119 Resp: 168658  
Ion Ratio Lower Upper  
119 100  
91 60.3 31.2 93.6  
134 21.5 11.7 35.0

Manual Integrations  
APPROVED

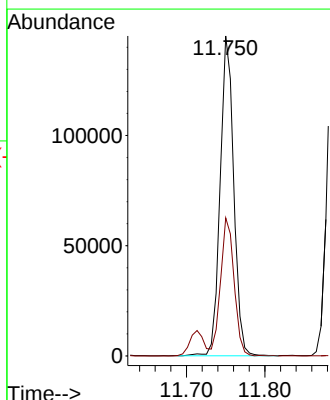
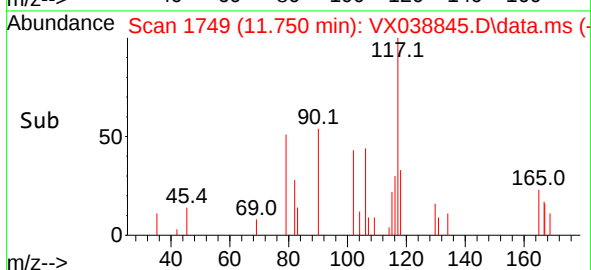
Reviewed By :John Carlone 11/17/2023  
Supervised By :Mahesh Dadoda 11/17/2023

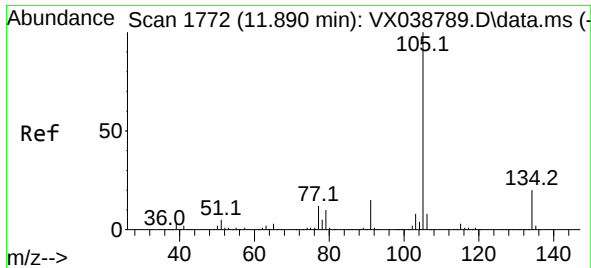


#84  
1,2,4-Trimethylbenzene  
Concen: 19.553 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12



Tgt Ion:105 Resp: 175304  
Ion Ratio Lower Upper  
105 100  
120 42.9 21.2 63.6





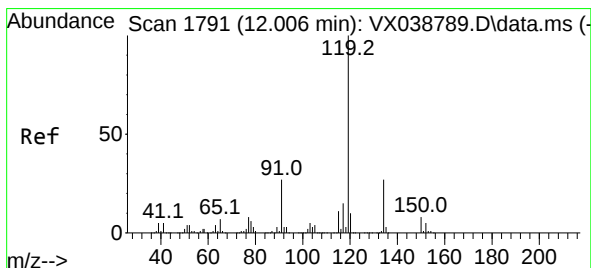
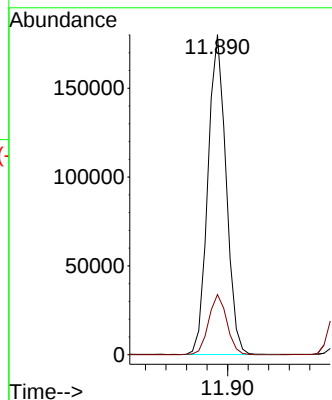
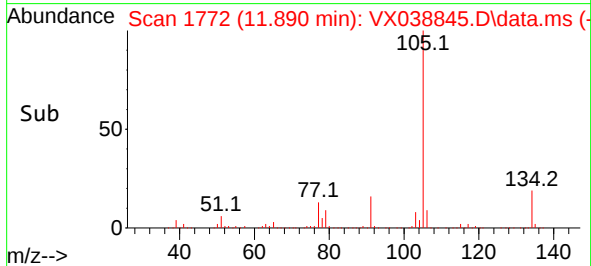
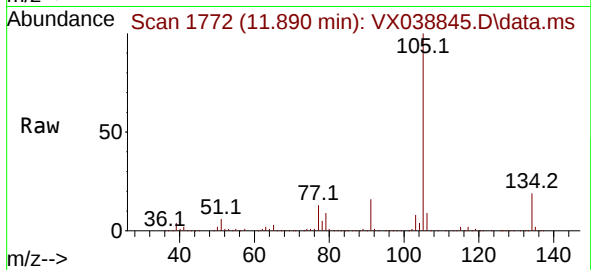
#85  
 sec-Butylbenzene  
 Concen: 19.321 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX038845.D  
 Acq: 16 Nov 2023 18:12

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1116WBSD01

Tgt Ion:105 Resp: 22047  
 Ion Ratio Lower Upper  
 105 100  
 134 18.9 9.8 29.4

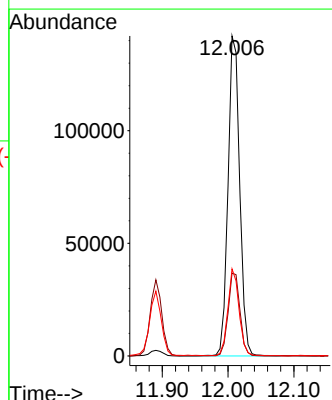
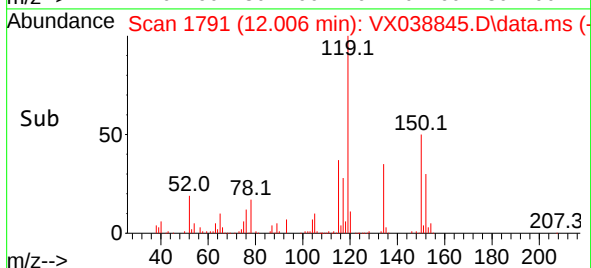
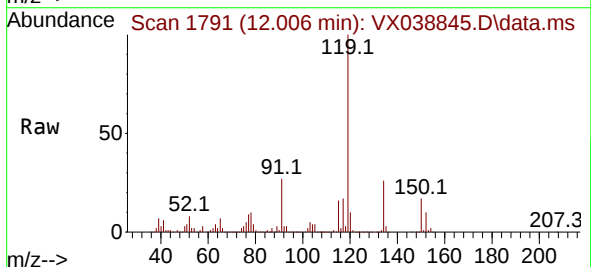
Manual Integrations  
 APPROVED

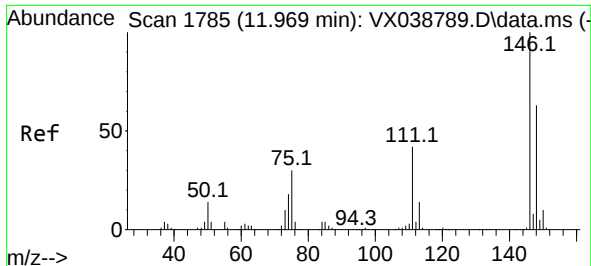
Reviewed By :John Carlone 11/17/2023  
 Supervised By :Mahesh Dadoda 11/17/2023



#86  
 p-Isopropyltoluene  
 Concen: 19.175 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. 0.000 min  
 Lab File: VX038845.D  
 Acq: 16 Nov 2023 18:12

Tgt Ion:119 Resp: 175648  
 Ion Ratio Lower Upper  
 119 100  
 134 26.2 12.8 38.3  
 91 25.9 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 19.420 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038845.D

Acq: 16 Nov 2023 18:12

Instrument :

MSVOA\_X

ClientSampleId :

VX1116WBSD01

Tgt Ion:146 Resp: 9001

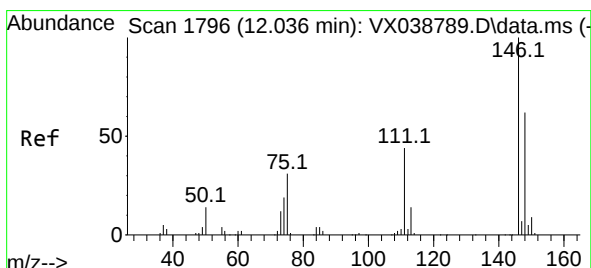
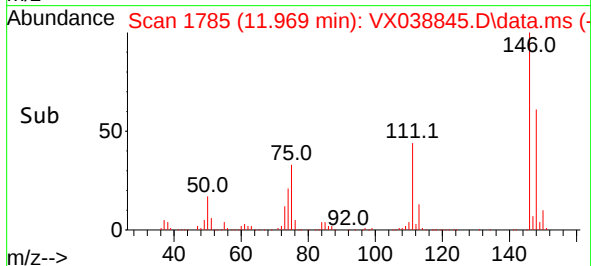
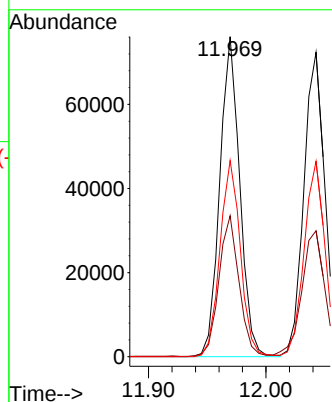
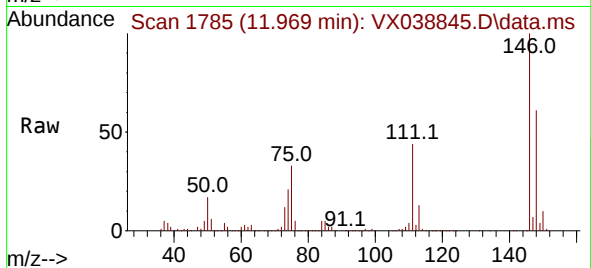
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 44.1  | 22.1  | 66.1  |
| 148 | 62.7  | 31.8  | 95.3  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#88

1,4-Dichlorobenzene

Concen: 19.075 ug/l

RT: 12.043 min Scan# 1797

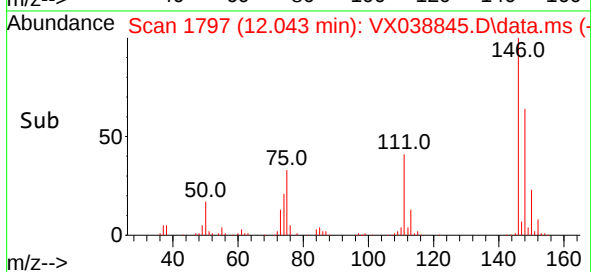
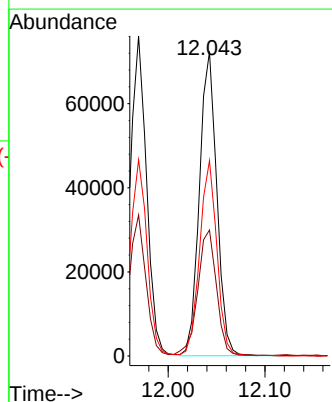
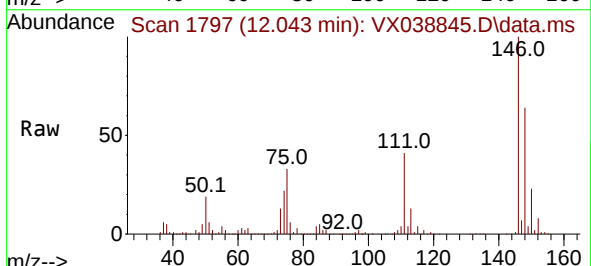
Delta R.T. 0.006 min

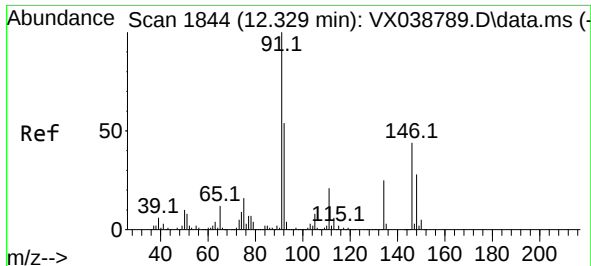
Lab File: VX038845.D

Acq: 16 Nov 2023 18:12

Tgt Ion:146 Resp: 90498

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 44.7  | 21.3  | 63.7  |
| 148 | 64.1  | 31.8  | 95.4  |





#89

n-Butylbenzene

Concen: 18.740 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX038845.D

Acq: 16 Nov 2023 18:12

Instrument :

MSVOA\_X

ClientSampleId :

VX1116WBSD01

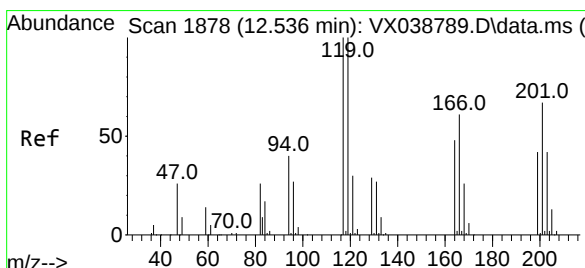
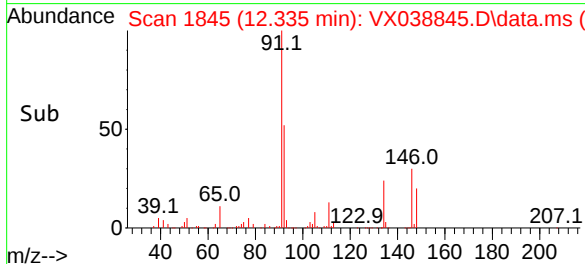
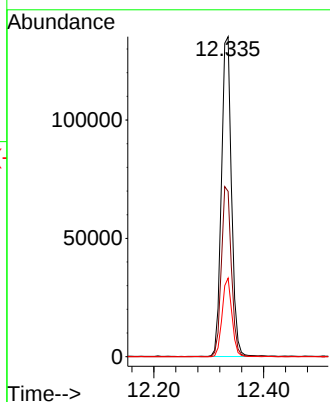
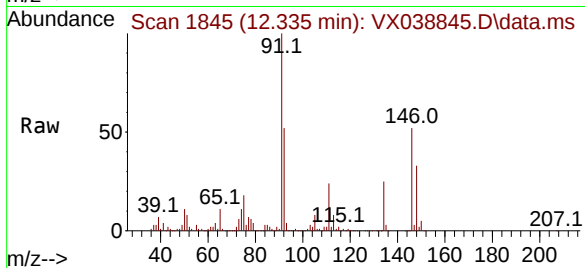
|             |                |
|-------------|----------------|
| Tgt Ion: 91 | Resp: 173194   |
| Ion Ratio   | Lower Upper    |
| 91          | 100            |
| 92          | 52.9 27.4 82.0 |
| 134         | 23.8 12.6 37.8 |

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#90

Hexachloroethane

Concen: 18.795 ug/l

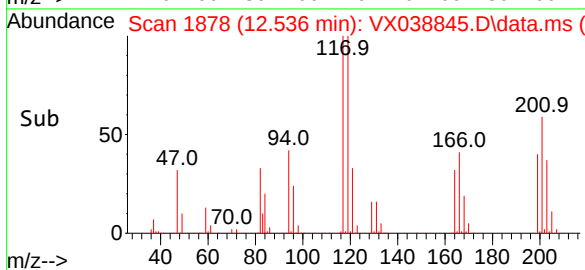
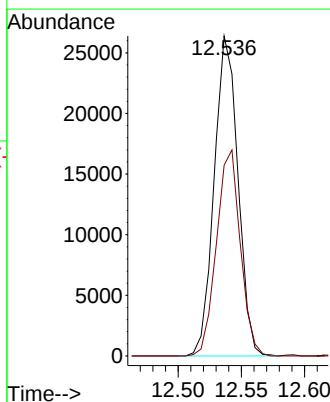
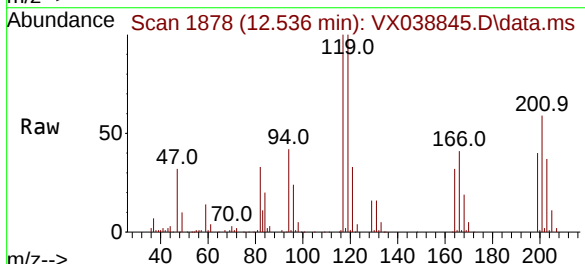
RT: 12.536 min Scan# 1878

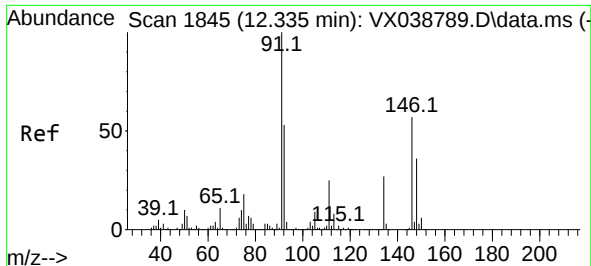
Delta R.T. 0.000 min

Lab File: VX038845.D

Acq: 16 Nov 2023 18:12

|              |                |
|--------------|----------------|
| Tgt Ion: 117 | Resp: 34380    |
| Ion Ratio    | Lower Upper    |
| 117          | 100            |
| 201          | 64.7 32.9 98.6 |





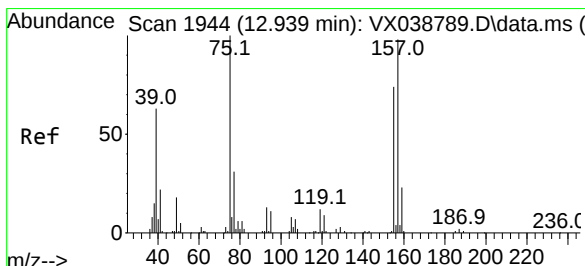
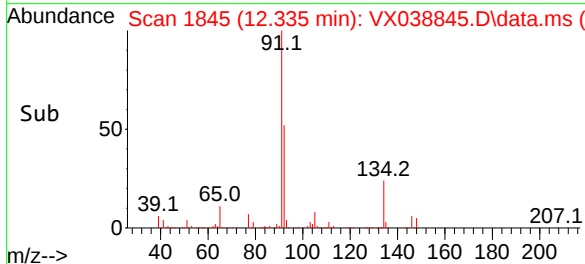
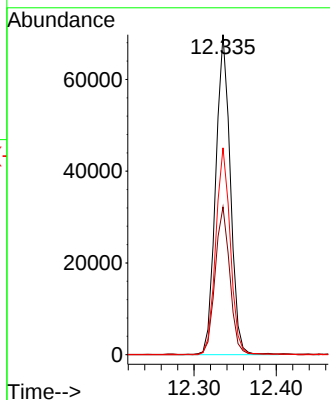
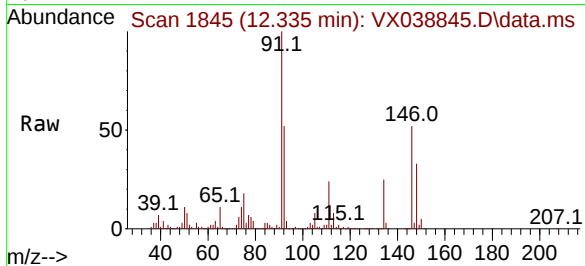
#91  
1,2-Dichlorobenzene  
Concen: 19.633 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1116WBSD01

Tgt Ion:146 Resp: 8631  
Ion Ratio Lower Upper  
146 100  
111 45.7 22.4 67.0  
148 64.0 31.6 95.0

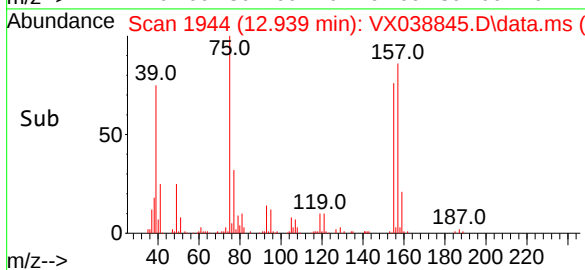
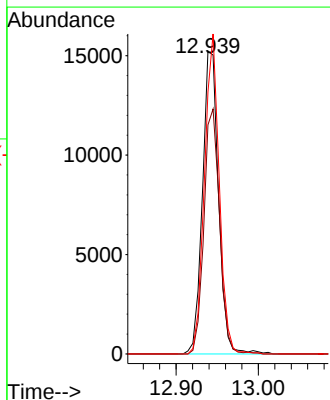
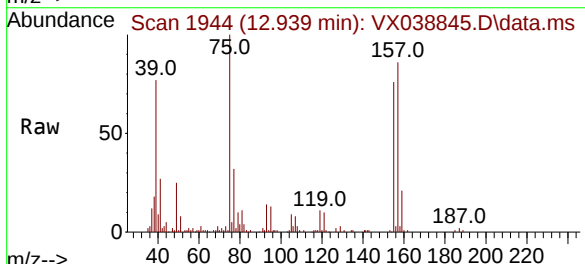
Manual Integrations  
APPROVED

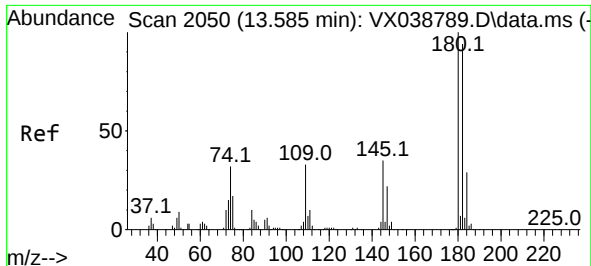
Reviewed By :John Carlone 11/17/2023  
Supervised By :Mahesh Dadoda 11/17/2023



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 20.554 ug/l  
RT: 12.939 min Scan# 1944  
Delta R.T. 0.000 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

Tgt Ion: 75 Resp: 20709  
Ion Ratio Lower Upper  
75 100  
155 78.4 36.1 108.5  
157 97.0 44.9 134.7





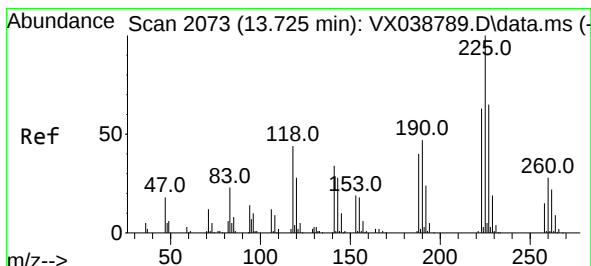
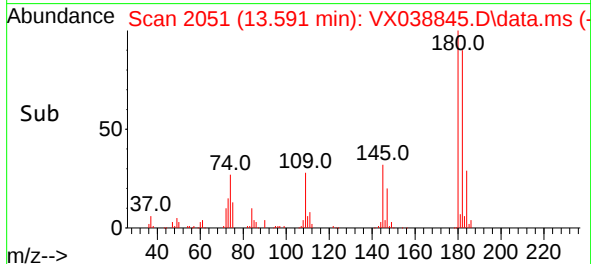
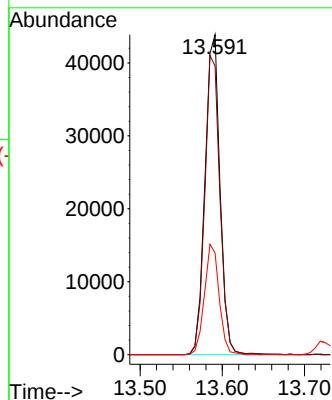
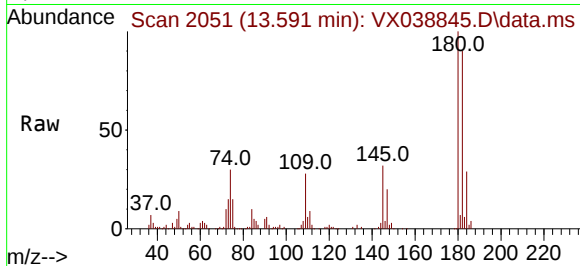
#93  
1,2,4-Trichlorobenzene  
Concen: 18.879 ug/l  
RT: 13.591 min Scan# 2051  
Delta R.T. 0.006 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1116WBSD01

Tgt Ion:180 Resp: 55620  
Ion Ratio Lower Upper  
180 100  
182 94.1 48.3 144.8  
145 33.8 18.0 54.0

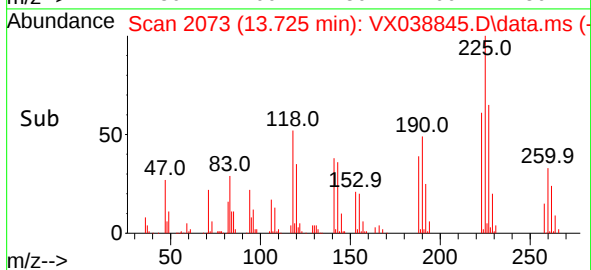
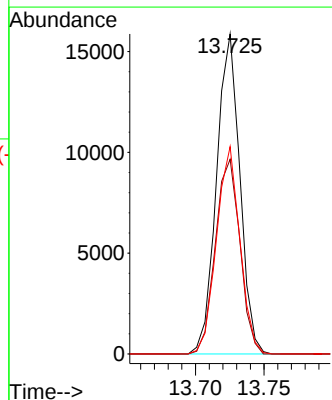
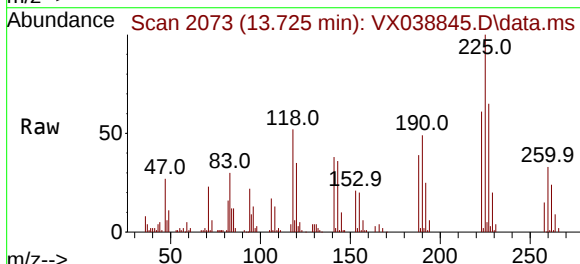
Manual Integrations  
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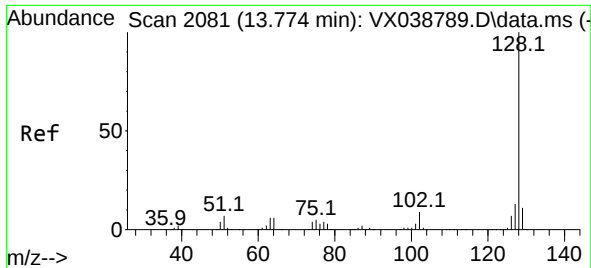
Reviewed By :John Carlone 11/17/2023  
Supervised By :Mahesh Dadoda 11/17/2023



#94  
Hexachlorobutadiene  
Concen: 18.007 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. 0.000 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

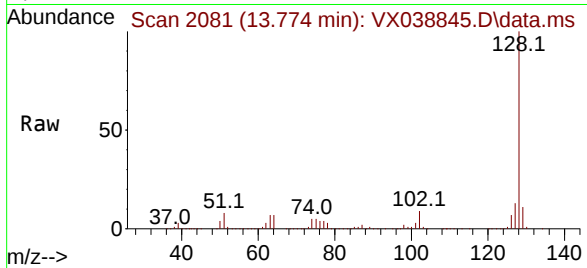
Tgt Ion:225 Resp: 18787  
Ion Ratio Lower Upper  
225 100  
223 64.1 31.1 93.2  
227 65.0 32.5 97.5





#95  
Naphthalene  
Concen: 19.601 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. 0.000 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12

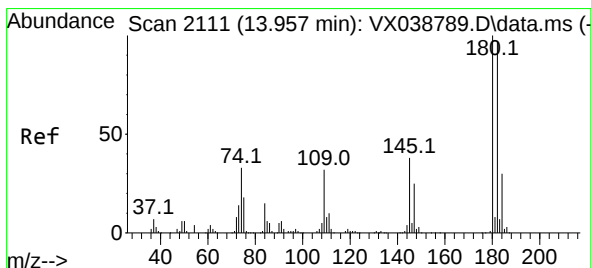
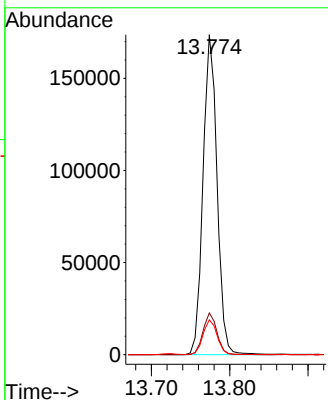
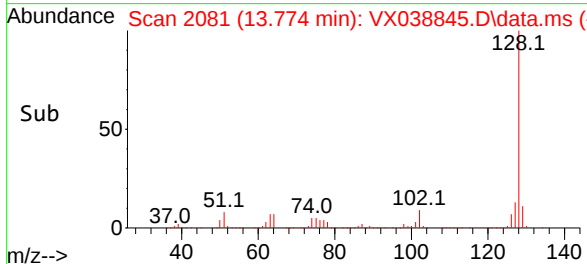
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1116WBSD01



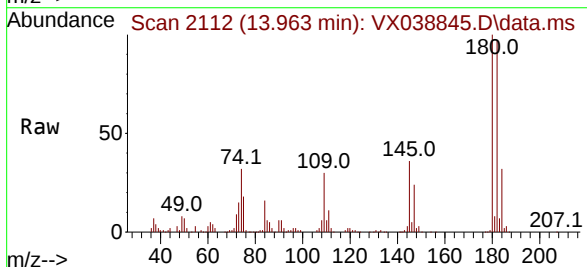
Tgt Ion:128 Resp: 215080  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.3 15.5  
129 11.1 8.8 13.2

Manual Integrations  
APPROVED

Reviewed By :John Carlone 11/17/2023  
Supervised By :Mahesh Dadoda 11/17/2023



#96  
1,2,3-Trichlorobenzene  
Concen: 19.273 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. 0.006 min  
Lab File: VX038845.D  
Acq: 16 Nov 2023 18:12



Tgt Ion:180 Resp: 53826  
Ion Ratio Lower Upper  
180 100  
182 96.7 46.9 140.6  
145 36.7 17.8 53.5

