

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX050522\  
 Data File : VX028533.D  
 Acq On : 05 May 2022 14:51  
 Operator : JC/MD  
 Sample : VX0505WBSD01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0505WBSD01

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 05/06/2022  
 Supervised By : Mahesh Dadoda 05/06/2022

Quant Time: May 06 02:26:28 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X042822W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Apr 29 06:09:36 2022  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response            | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|---------------------|---------|--------|----------|
| -----                        |                |      |                     |         |        |          |
| Internal Standards           |                |      |                     |         |        |          |
| 1) Bromochloromethane        | 4.897          | 128  | 59426               | 30.000  | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene      | 6.763          | 114  | 317701              | 30.000  | ug/l   | 0.00     |
| 57) Chlorobenzene-d5         | 10.055         | 117  | 297165              | 30.000  | ug/l   | 0.00     |
|                              |                |      |                     |         |        |          |
| System Monitoring Compounds  |                |      |                     |         |        |          |
| 27) 1,2-Dichloroethane-d4    | 5.958          | 65   | 117047              | 30.971  | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 91 - 110 |      | Recovery = 103.233% |         |        |          |
| 60) 4-Bromofluorobenzene     | 11.079         | 95   | 137765              | 29.811  | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 63 - 112 |      | Recovery = 99.367%  |         |        |          |
| 63) Toluene-d8               | 8.647          | 98   | 381515              | 30.306  | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 91 - 112 |      | Recovery = 101.033% |         |        |          |
|                              |                |      |                     |         |        |          |
| Target Compounds             |                |      |                     |         |        |          |
|                              |                |      |                     |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.166          | 85   | 37950               | 18.049  | ug/l   | 100      |
| 3) Chloromethane             | 1.294          | 50   | 32415               | 19.556  | ug/l   | 100      |
| 4) Vinyl Chloride            | 1.374          | 62   | 40599               | 19.268  | ug/l   | 99       |
| 5) Bromomethane              | 1.599          | 94   | 34352               | 19.788  | ug/l   | 96       |
| 6) Chloroethane              | 1.685          | 64   | 31645               | 19.501  | ug/l   | 100      |
| 7) Trichlorofluoromethane    | 1.886          | 101  | 87183               | 18.923  | ug/l   | 94       |
| 8) Diethyl Ether             | 2.130          | 74   | 36275               | 19.963  | ug/l   | 83       |
| 9) 1,1,2-Trichlorotrifluo... | 2.331          | 101  | 50111               | 18.495  | ug/l   | 96       |
| 10) 1,1-Dichloroethene       | 2.319          | 96   | 39688               | 17.715  | ug/l   | 98       |
| 11) Methyl Iodide            | 2.453          | 142  | 49763               | 16.538  | ug/l   | 98       |
| 12) Methyl Acetate           | 2.703          | 43   | 71505               | 19.993  | ug/l   | 97       |
| 13) Acrolein                 | 2.233          | 56   | 71688               | 98.780  | ug/l   | 99       |
| 14) Acrylonitrile            | 3.062          | 53   | 162095              | 99.550  | ug/l   | 99       |
| 15) Acetone                  | 2.373          | 58   | 45809               | 99.336  | ug/l   | 90       |
| 16) Carbon Disulfide         | 2.514          | 76   | 55377               | 20.914  | ug/l   | 100      |
| 17) Allyl chloride           | 2.666          | 41   | 62181               | 18.471  | ug/l   | 91       |
| 18) Methylene Chloride       | 2.788          | 84   | 54739               | 19.016  | ug/l   | 90       |
| 19) trans-1,2-Dichloroethene | 3.093          | 96   | 44913               | 18.147  | ug/l   | 93       |
| 20) Diisopropyl ether        | 3.757          | 45   | 158385              | 18.929  | ug/l   | 95       |
| 21) 1,1-Dichloroethane       | 3.611          | 63   | 92341               | 18.672  | ug/l   | 98       |
| 22) cis-1,2-Dichloroethene   | 4.489          | 96   | 64779               | 18.592  | ug/l   | 97       |
| 23) tert-Butyl Alcohol       | 2.959          | 59   | 82187               | 93.459  | ug/l # | 100      |
| 24) Methyl tert-Butyl Ether  | 3.111          | 73   | 184150              | 18.694  | ug/l   | 96       |
| 25) Chloroform               | 5.092          | 83   | 111650              | 19.213  | ug/l   | 98       |
| 26) Cyclohexane              | 5.470          | 56   | 58699               | 18.774  | ug/l # | 93       |
| 29) 1,1-Dichloropropene      | 5.690          | 75   | 65591               | 19.411  | ug/l   | 98       |
| 30) 2-Butanone               | 4.556          | 43   | 216569              | 101.687 | ug/l   | 93       |
| 31) 2,2-Dichloropropane      | 4.477          | 77   | 74400               | 17.927  | ug/l   | 98       |
| 32) 1,1,1-Trichloroethane    | 5.379          | 97   | 90815               | 19.114  | ug/l   | 99       |
| 33) Carbon Tetrachloride     | 5.678          | 117  | 76507               | 18.923  | ug/l   | 100      |
| 34) Benzene                  | 6.037          | 78   | 210759              | 19.582  | ug/l   | 98       |
| 35) Methacrylonitrile        | 4.922          | 41   | 42477               | 19.803  | ug/l   | 84       |
| 36) 1,2-Dichloroethane       | 6.086          | 62   | 81665               | 20.360  | ug/l   | 98       |
| 37) Trichloroethene          | 7.123          | 130  | 62408               | 18.930  | ug/l   | 98       |
| 38) Methylcyclohexane        | 7.379          | 83   | 68586               | 19.819  | ug/l   | 95       |
| 39) 1,2-Dichloropropane      | 7.434          | 63   | 55599               | 19.652  | ug/l   | 99       |
| 40) Dibromomethane           | 7.580          | 93   | 43461               | 20.028  | ug/l   | 97       |
| 41) Bromodichloromethane     | 7.824          | 83   | 84672               | 20.562  | ug/l   | 98       |
| 42) Vinyl Acetate            | 3.721          | 43   | 672940              | 101.954 | ug/l   | 96       |

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 Acq On : 05 May 2022 14:51  
 Operator : JC/MD  
 Sample : VX0505WBSD01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0505WBSD01

Manual Integrations  
 APPROVED

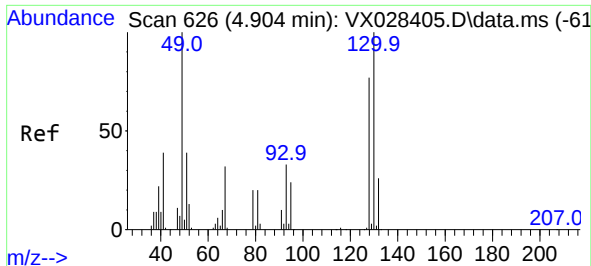
Reviewed By : John Carlone 05/06/2022  
 Supervised By : Mahesh Dadoda 05/06/2022

Quant Time: May 06 02:26:28 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X042822W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Apr 29 06:09:36 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 43) Ethyl Acetate             | 4.708  | 43   | 80076    | 20.092  | ug/l   | 100      |
| 44) Isopropyl Acetate         | 6.336  | 43   | 124714   | 19.408  | ug/l   | 99       |
| 45) 1,4-Dioxane               | 7.659  | 88   | 36102    | 431.439 | ug/l # | 90       |
| 46) Methyl methacrylate       | 7.690  | 41   | 58096    | 19.782  | ug/l   | 85       |
| 47) n-amyl Acetate            | 10.848 | 43   | 106798   | 19.197  | ug/l   | 98       |
| 48) t-1,3-Dichloropropene     | 8.982  | 75   | 81373    | 18.814  | ug/l   | 98       |
| 49) cis-1,3-Dichloropropene   | 8.366  | 75   | 88581    | 19.060  | ug/l   | 96       |
| 50) 1,1,2-Trichloroethane     | 9.153  | 97   | 68799    | 20.161  | ug/l   | 98       |
| 51) Ethyl methacrylate        | 9.116  | 69   | 96281    | 19.717  | ug/l   | 93       |
| 52) 1,3-Dichloropropane       | 9.311  | 76   | 106545   | 19.957  | ug/l   | 100      |
| 53) Dibromochloromethane      | 9.525  | 129  | 69632    | 19.945  | ug/l   | 98       |
| 54) 1,2-Dibromoethane         | 9.610  | 107  | 69266    | 19.512  | ug/l   | 99       |
| 55) 2-Chloroethyl vinyl ether | 8.244  | 63   | 278772   | 108.739 | ug/l   | 99       |
| 56) Bromoform                 | 10.799 | 173  | 53295    | 19.804  | ug/l   | 96       |
| 58) 4-Methyl-2-Pentanone      | 8.574  | 43   | 440454   | 101.888 | ug/l   | 95       |
| 59) 2-Hexanone                | 9.433  | 43   | 341158   | 101.969 | ug/l   | 95       |
| 61) Tetrachloroethene         | 9.275  | 164  | 63025    | 19.226  | ug/l   | 93       |
| 62) Toluene                   | 8.720  | 91   | 248070   | 19.248  | ug/l   | 97       |
| 64) Chlorobenzene             | 10.079 | 112  | 174755   | 19.220  | ug/l   | 96       |
| 65) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 68558    | 19.305  | ug/l   | 97       |
| 66) Ethyl Benzene             | 10.195 | 91   | 291277   | 19.169  | ug/l   | 100      |
| 67) m/p-Xylenes               | 10.305 | 106  | 233790   | 38.382  | ug/l   | 97       |
| 68) o-Xylene                  | 10.640 | 106  | 118199   | 19.094  | ug/l   | 97       |
| 69) Styrene                   | 10.659 | 104  | 196740   | 19.029  | ug/l   | 97       |
| 70) Isopropylbenzene          | 10.963 | 105  | 309981   | 19.247  | ug/l   | 100      |
| 71) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 110530   | 20.213  | ug/l   | 100      |
| 72) 1,2,3-Trichloropropane    | 11.238 | 75   | 97778m   | 20.096  | ug/l   |          |
| 73) Bromobenzene              | 11.201 | 156  | 80499    | 18.537  | ug/l   | 95       |
| 74) n-propylbenzene           | 11.305 | 91   | 352801   | 19.646  | ug/l   | 100      |
| 75) 2-Chlorotoluene           | 11.366 | 91   | 214604   | 19.292  | ug/l   | 96       |
| 76) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 262238   | 19.418  | ug/l   | 97       |
| 77) t-1,4-Dichloro-2-butene   | 11.018 | 75   | 26629    | 18.075  | ug/l   | 87       |
| 78) 4-Chlorotoluene           | 11.457 | 91   | 246870   | 19.620  | ug/l   | 97       |
| 79) tert-butylbenzene         | 11.719 | 119  | 261915   | 19.117  | ug/l   | 96       |
| 80) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 263029   | 19.403  | ug/l   | 97       |
| 81) sec-Butylbenzene          | 11.890 | 105  | 322889   | 19.882  | ug/l   | 99       |
| 82) p-Isopropyltoluene        | 12.012 | 119  | 274723   | 19.489  | ug/l   | 99       |
| 83) 1,3-Dichlorobenzene       | 11.969 | 146  | 154713   | 18.995  | ug/l   | 99       |
| 84) 1,4-Dichlorobenzene       | 12.042 | 146  | 156171   | 18.859  | ug/l   | 98       |
| 85) n-Butylbenzene            | 12.335 | 91   | 222327   | 19.542  | ug/l   | 99       |
| 86) Hexachloroethane          | 12.542 | 117  | 42656    | 19.230  | ug/l   | 100      |
| 87) 1,2-Dichlorobenzene       | 12.335 | 146  | 157013   | 19.141  | ug/l   | 98       |
| 88) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 22134    | 18.950  | ug/l   | 97       |
| 89) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 94480    | 18.440  | ug/l   | 99       |
| 90) Hexachlorobutadiene       | 13.725 | 225  | 40405    | 18.601  | ug/l   | 99       |
| 91) Naphthalene               | 13.780 | 128  | 321792   | 17.972  | ug/l   | 99       |
| 92) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 93324    | 18.170  | ug/l   | 98       |

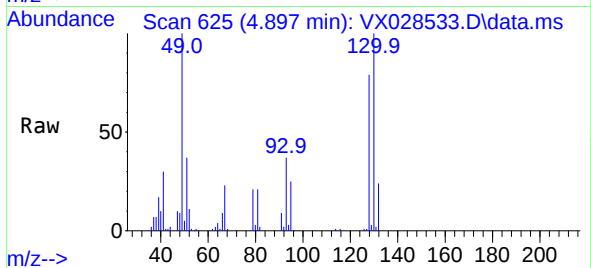
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 4.897 min Scan# 61  
Delta R.T. -0.007 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51

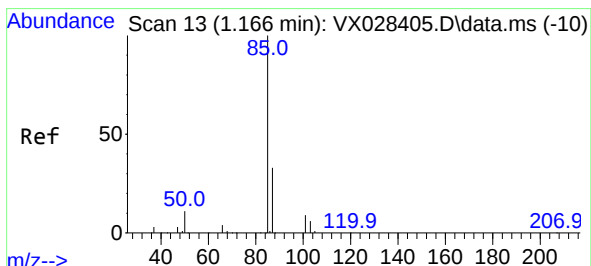
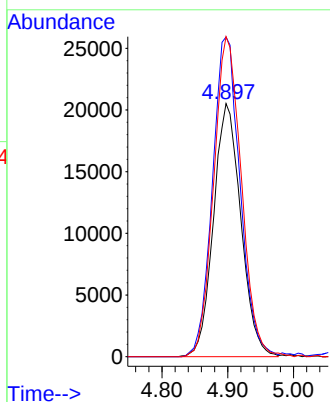
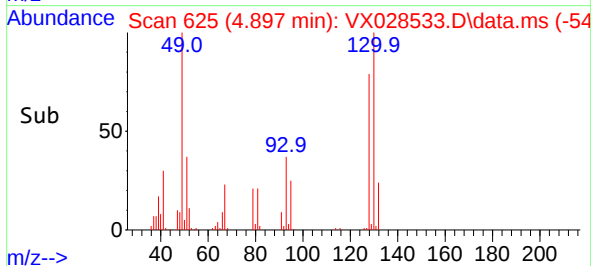
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0505WBSD01



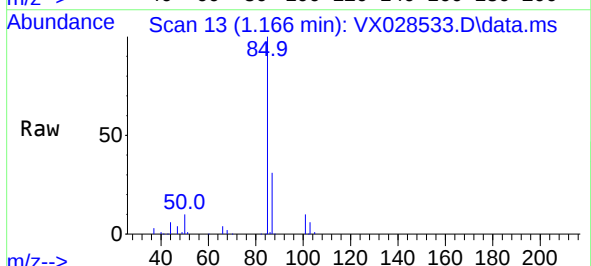
Tgt Ion:128 Resp: 59420  
Ion Ratio Lower Upper  
128 100  
49 127.2 0.0 358.3  
130 127.8 0.0 319.3

Manual Integrations  
APPROVED

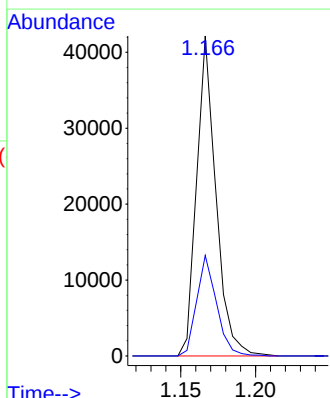
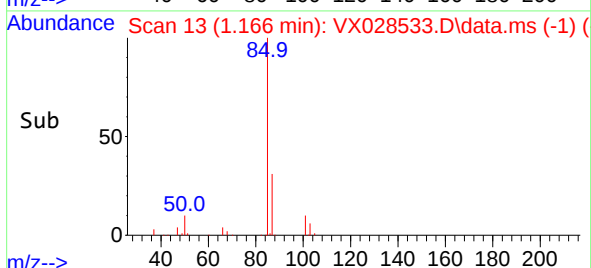
Reviewed By :John Carlone 05/06/2022  
Supervised By :Mahesh Dadoda 05/06/2022

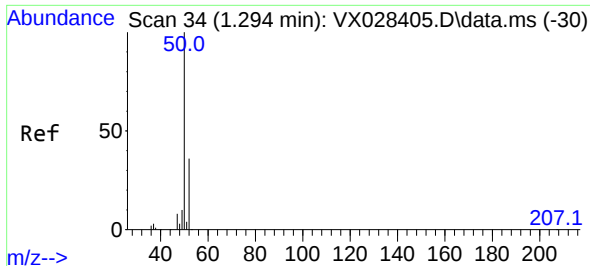


#2  
Dichlorodifluoromethane  
Concen: 18.049 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51



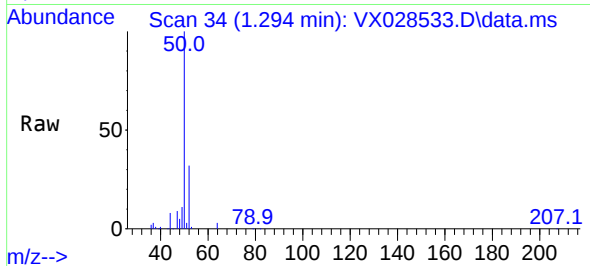
Tgt Ion: 85 Resp: 37950  
Ion Ratio Lower Upper  
85 100  
87 31.4 15.6 46.8





#3  
Chloromethane  
Concen: 19.556 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51

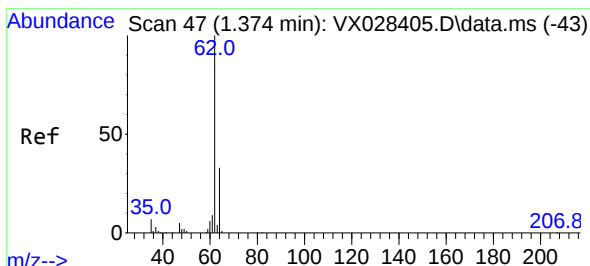
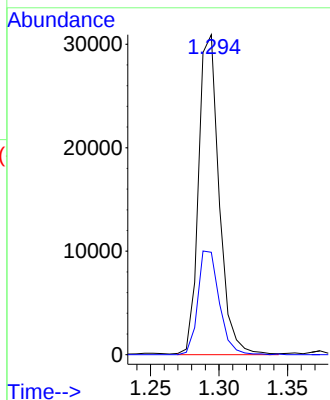
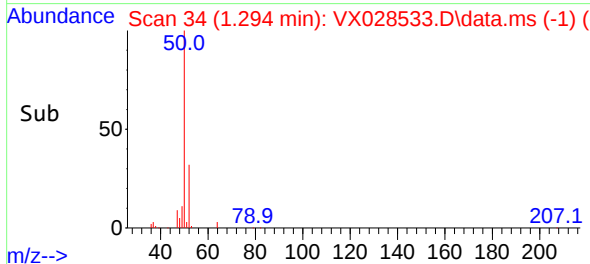
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0505WBSD01



Tgt Ion: 50 Resp: 32415  
Ion Ratio Lower Upper  
50 100  
52 32.1 25.6 38.4

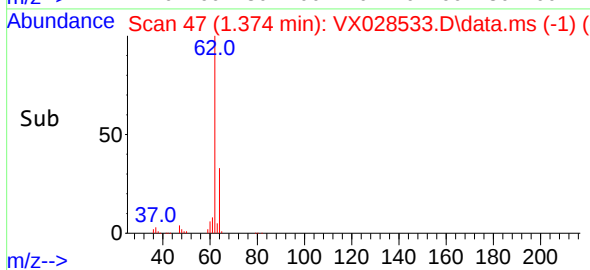
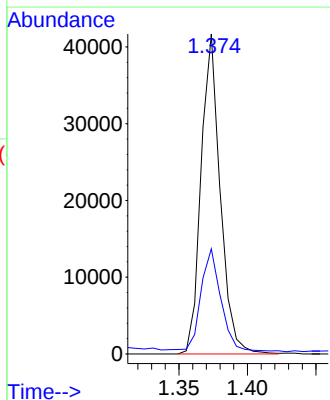
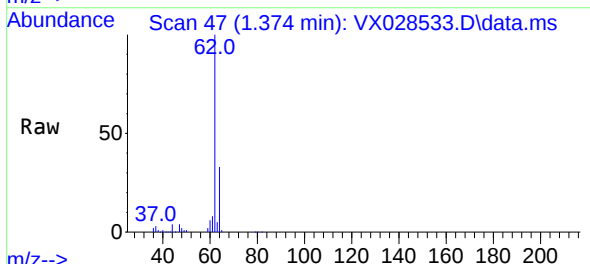
Manual Integrations  
APPROVED

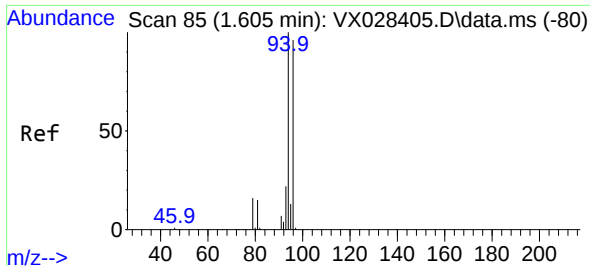
Reviewed By :John Carlone 05/06/2022  
Supervised By :Mahesh Dadoda 05/06/2022



#4  
Vinyl Chloride  
Concen: 19.268 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51

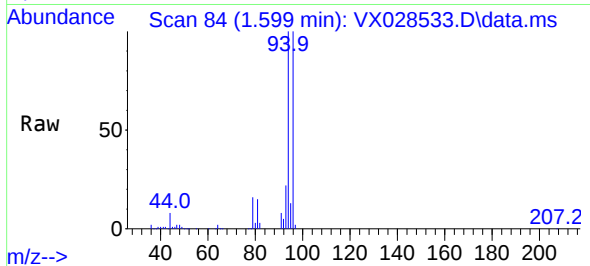
Tgt Ion: 62 Resp: 40599  
Ion Ratio Lower Upper  
62 100  
64 31.9 26.2 39.2





#5  
Bromomethane  
Concen: 19.788 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. -0.006 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51

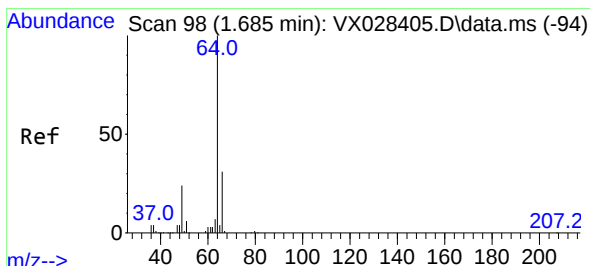
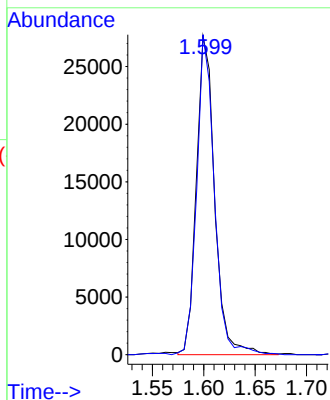
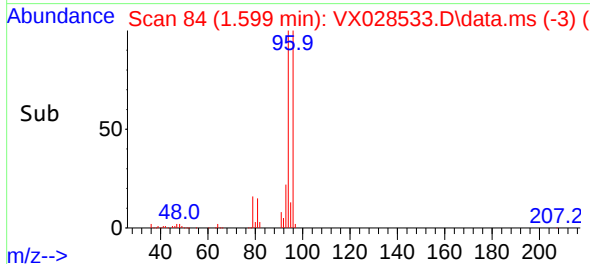
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0505WBSD01



Tgt Ion: 94 Resp: 3435  
Ion Ratio Lower Upper  
94 100  
96 100.4 77.0 115.6

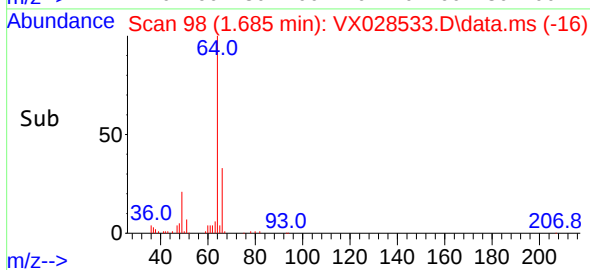
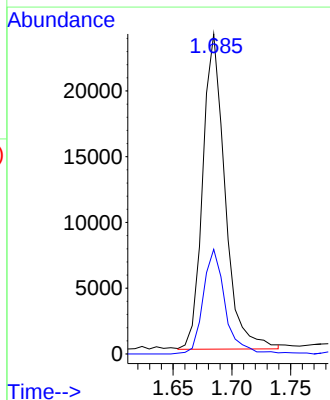
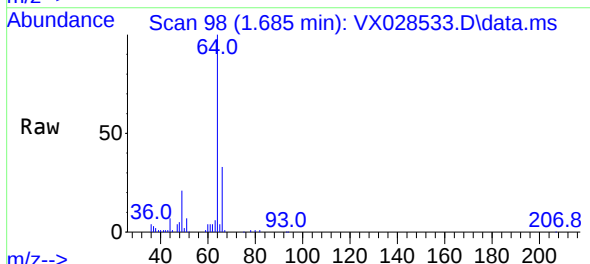
Manual Integrations  
APPROVED

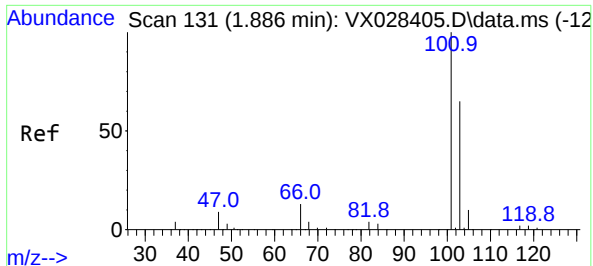
Reviewed By :John Carlone 05/06/2022  
Supervised By :Mahesh Dadoda 05/06/2022



#6  
Chloroethane  
Concen: 19.501 ug/l  
RT: 1.685 min Scan# 98  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51

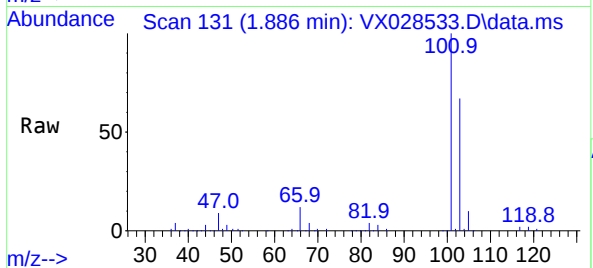
Tgt Ion: 64 Resp: 31645  
Ion Ratio Lower Upper  
64 100  
66 33.0 26.4 39.6





#7  
Trichlorofluoromethane  
Concen: 18.923 ug/l  
RT: 1.886 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51

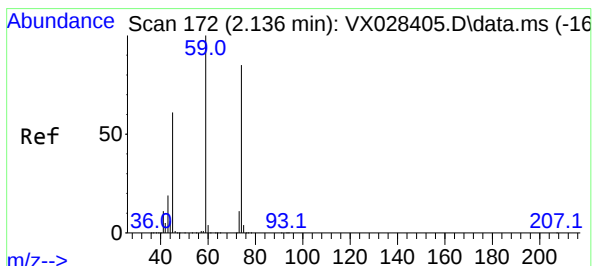
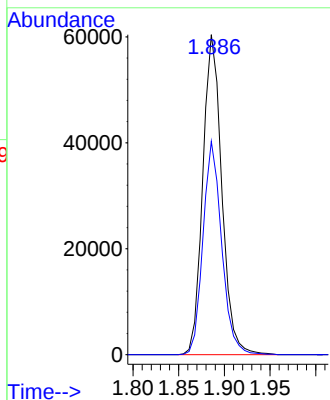
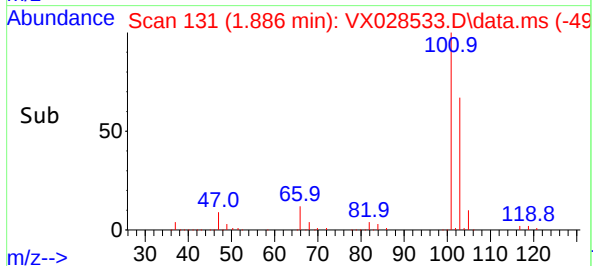
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0505WBSD01



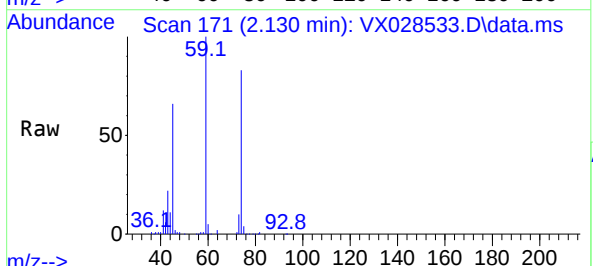
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Ion Ratio Lower Upper  
101 100  
103 66.7 49.6 74.4

Manual Integrations  
APPROVED

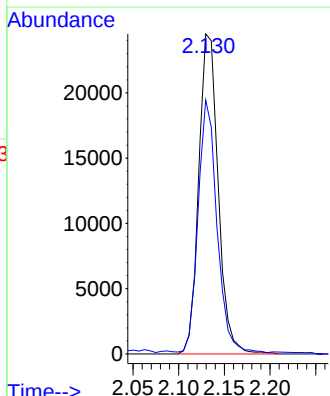
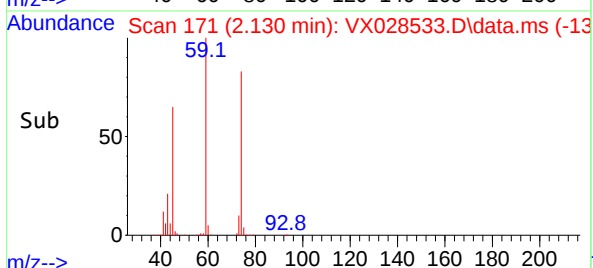
Reviewed By :John Carlone 05/06/2022  
Supervised By :Mahesh Dadoda 05/06/2022

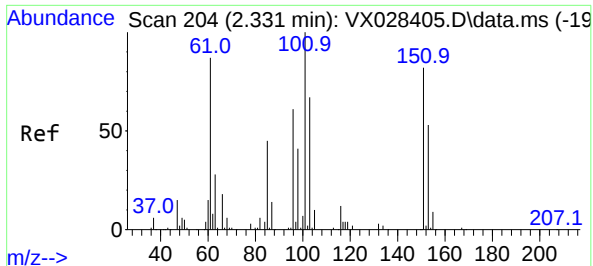


#8  
Diethyl Ether  
Concen: 19.963 ug/l  
RT: 2.130 min Scan# 171  
Delta R.T. -0.006 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51



Tgt Ion: 74 Resp: 36275  
Ion Ratio Lower Upper  
74 100  
45 77.4 18.7 168.7





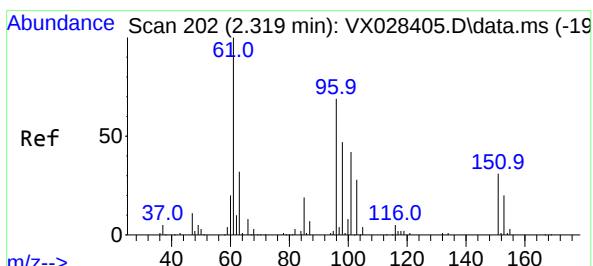
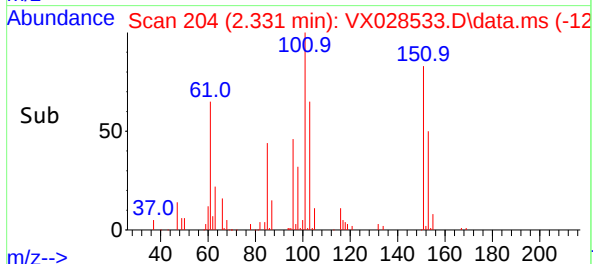
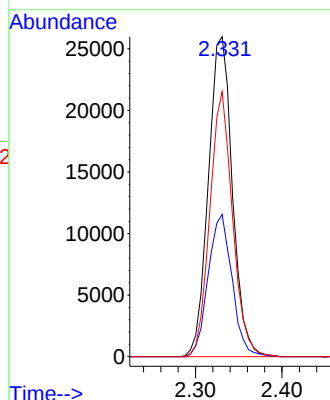
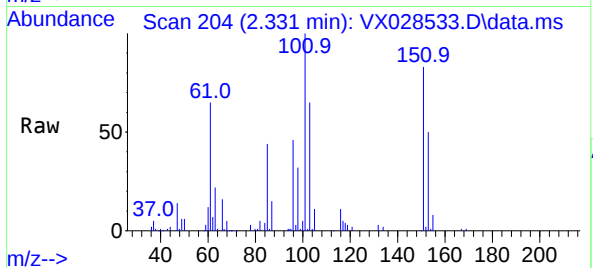
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.495 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0505WBSD01

Tgt Ion:101 Resp: 5011  
Ion Ratio Lower Upper  
101 100  
85 44.2 0.0 84.6  
151 78.3 0.0 165.4

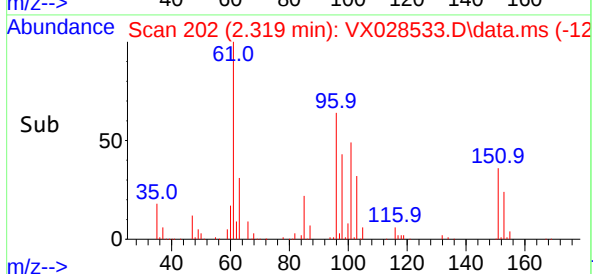
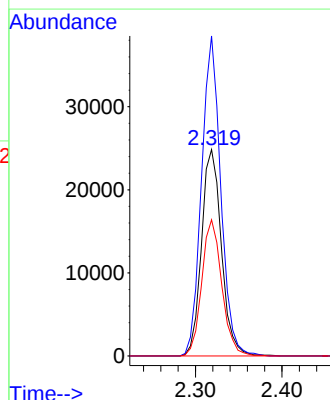
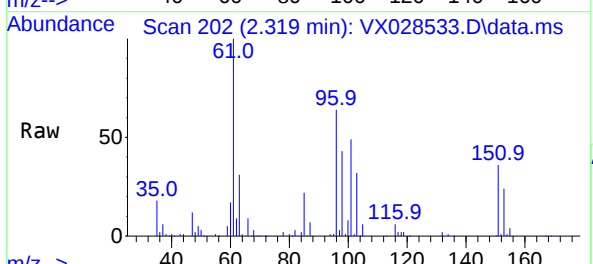
Manual Integrations  
APPROVED

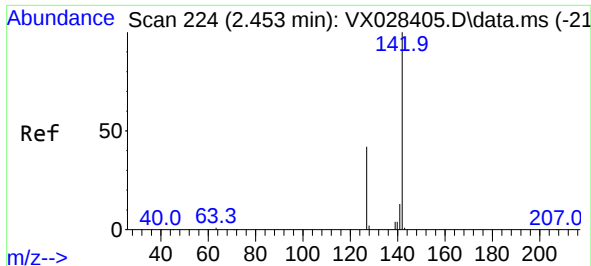
Reviewed By :John Carlone 05/06/2022  
Supervised By :Mahesh Dadoda 05/06/2022



#10  
1,1-Dichloroethene  
Concen: 17.715 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51

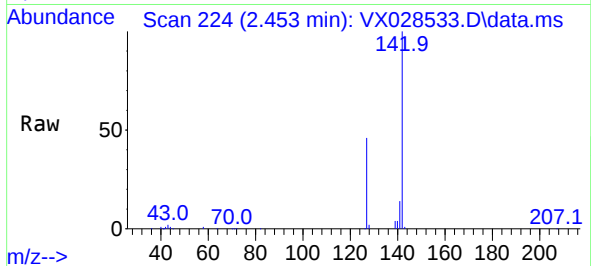
Tgt Ion: 96 Resp: 39688  
Ion Ratio Lower Upper  
96 100  
61 155.1 122.6 183.8  
98 66.0 50.1 75.1





#11  
Methyl Iodide  
Concen: 16.538 ug/l  
RT: 2.453 min Scan# 211  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51

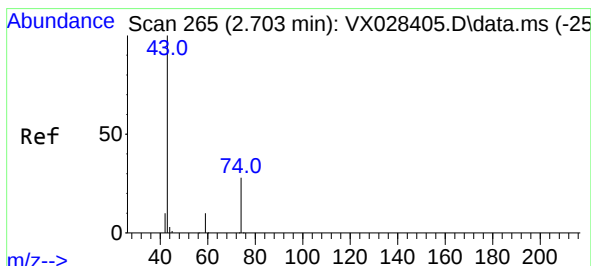
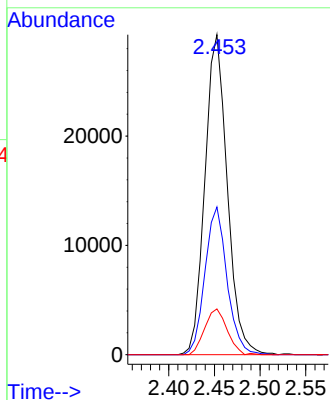
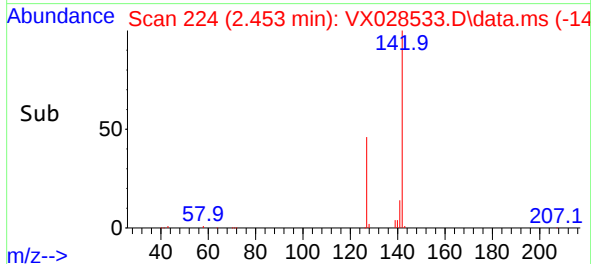
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0505WBSD01



Tgt Ion:142 Resp: 4976  
Ion Ratio Lower Upper  
142 100  
127 46.2 22.3 66.9  
141 14.3 7.0 20.9

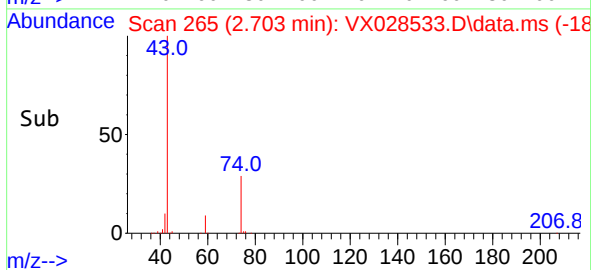
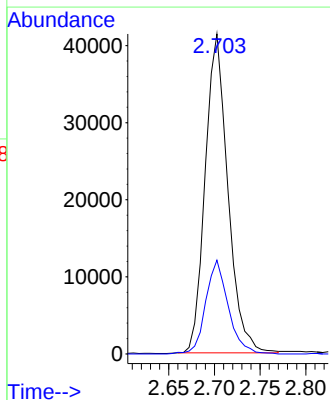
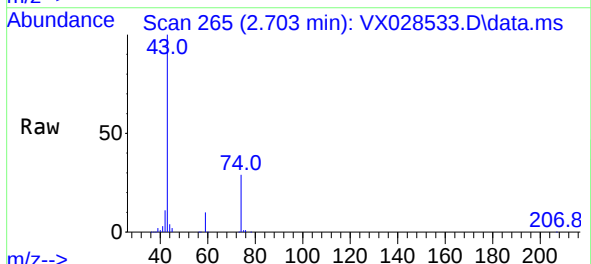
Manual Integrations  
APPROVED

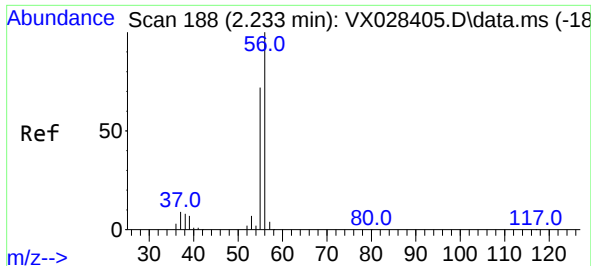
Reviewed By :John Carlone 05/06/2022  
Supervised By :Mahesh Dadoda 05/06/2022



#12  
Methyl Acetate  
Concen: 19.993 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51

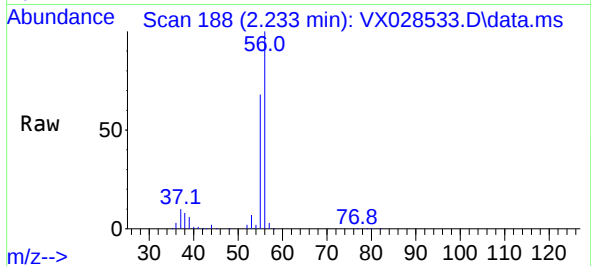
Tgt Ion: 43 Resp: 71505  
Ion Ratio Lower Upper  
43 100  
74 29.2 22.1 33.1





#13  
Acrolein  
Concen: 98.780 ug/l  
RT: 2.233 min Scan# 188  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51

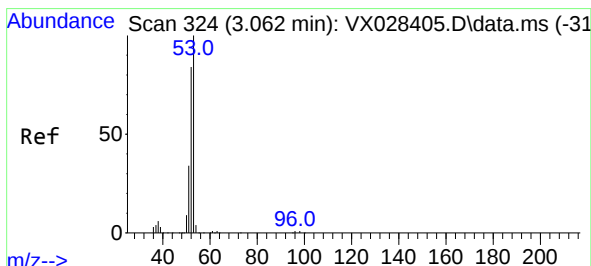
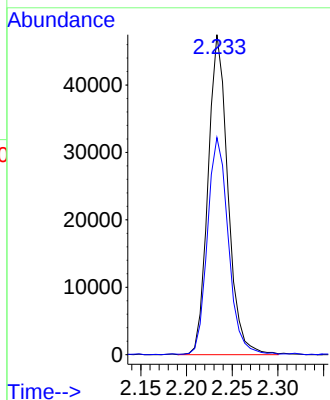
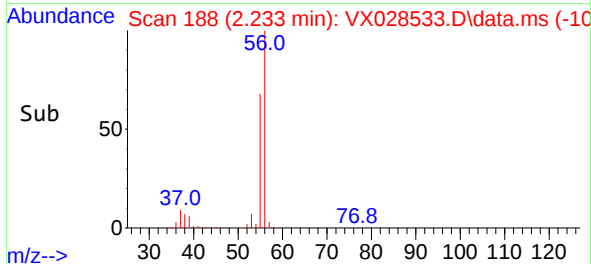
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0505WBSD01



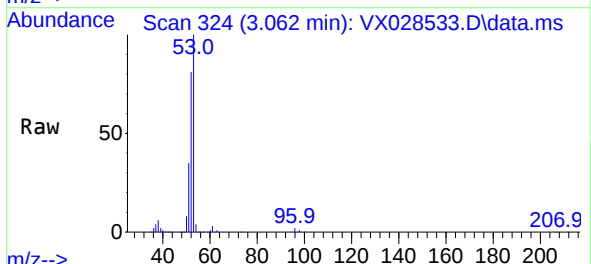
Tgt Ion: 56 Resp: 71688  
Ion Ratio Lower Upper  
56 100  
55 71.2 56.4 84.6

Manual Integrations  
APPROVED

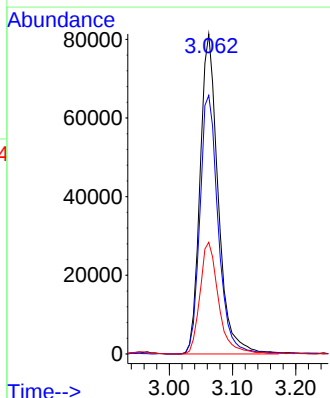
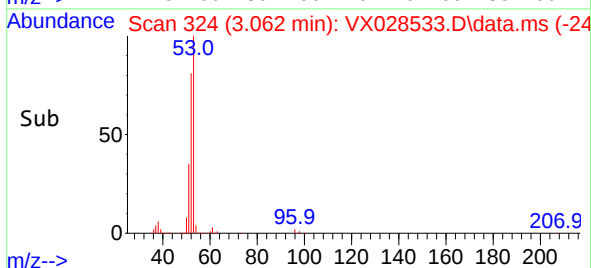
Reviewed By :John Carlone 05/06/2022  
Supervised By :Mahesh Dadoda 05/06/2022

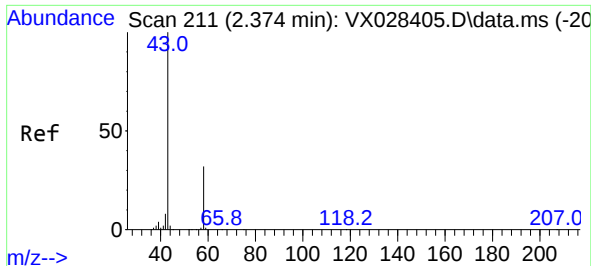


#14  
Acrylonitrile  
Concen: 99.550 ug/l  
RT: 3.062 min Scan# 324  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51



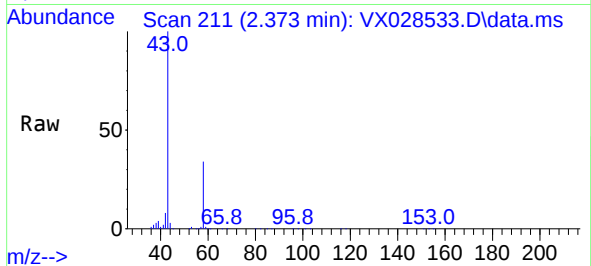
Tgt Ion: 53 Resp: 162095  
Ion Ratio Lower Upper  
53 100  
52 81.6 41.5 124.5  
51 35.6 18.1 54.4





#15  
Acetone  
Concen: 99.336 ug/l  
RT: 2.373 min Scan# 211  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51

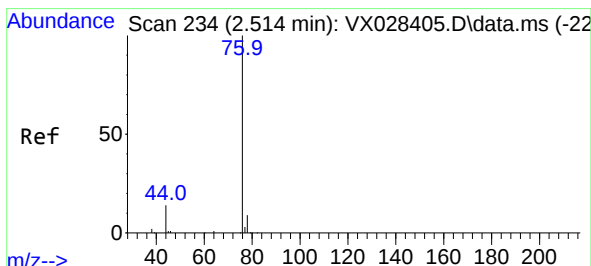
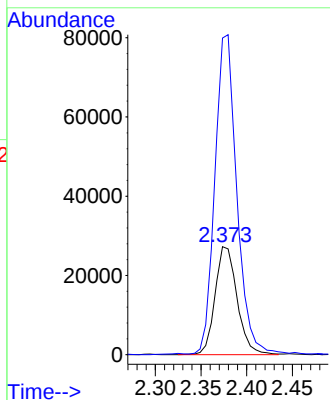
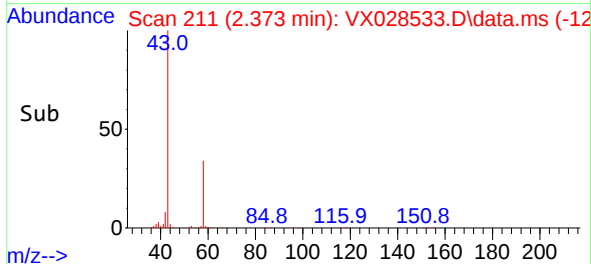
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0505WBSD01



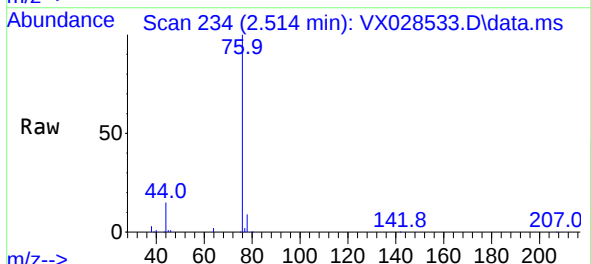
Tgt Ion: 58 Resp: 45809  
Ion Ratio Lower Upper  
58 100  
43 291.9 250.2 375.2

Manual Integrations  
APPROVED

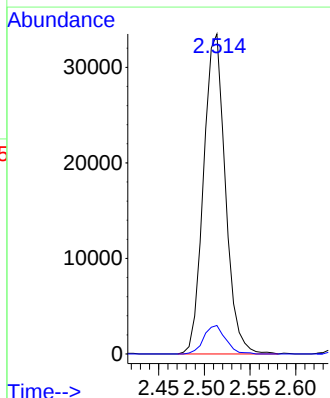
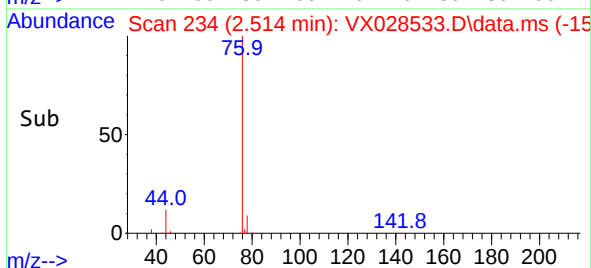
Reviewed By :John Carlone 05/06/2022  
Supervised By :Mahesh Dadoda 05/06/2022

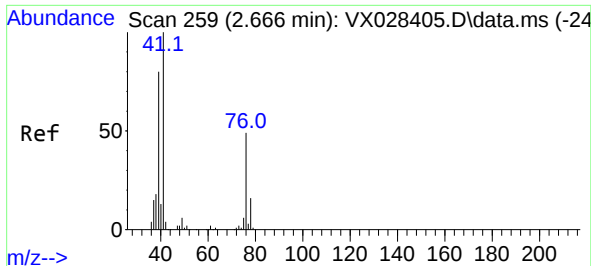


#16  
Carbon Disulfide  
Concen: 20.914 ug/l  
RT: 2.514 min Scan# 234  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51



Tgt Ion: 76 Resp: 55377  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.1 10.7





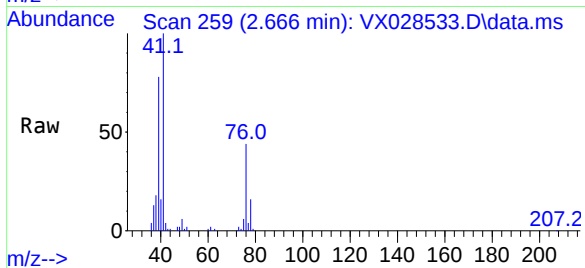
#17  
 Allyl chloride  
 Concen: 18.471 ug/l  
 RT: 2.666 min Scan# 259  
 Delta R.T. -0.000 min  
 Lab File: VX028533.D  
 Acq: 05 May 2022 14:51

Instrument :

MSVOA\_X

ClientSampleId :

VX0505WBSD01



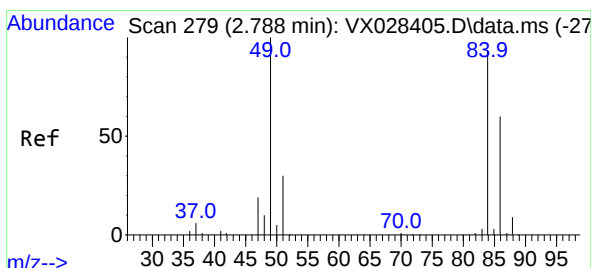
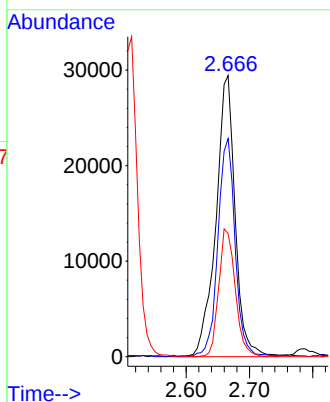
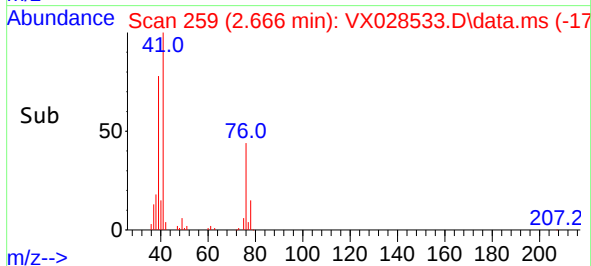
Tgt Ion: 41 Resp: 6218  
 Ion Ratio Lower Upper  
 41 100  
 39 77.6 35.4 106.1  
 76 43.8 18.4 55.4

Manual Integrations

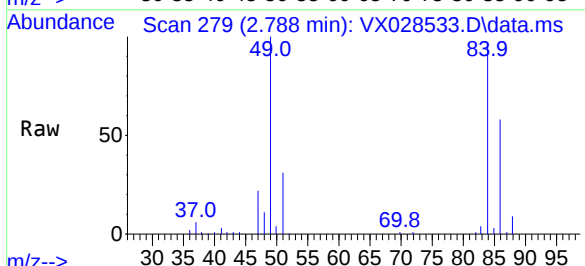
APPROVED

Reviewed By :John Carlone 05/06/2022

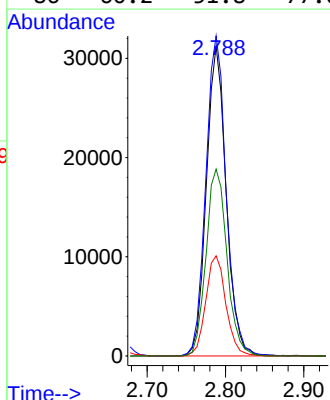
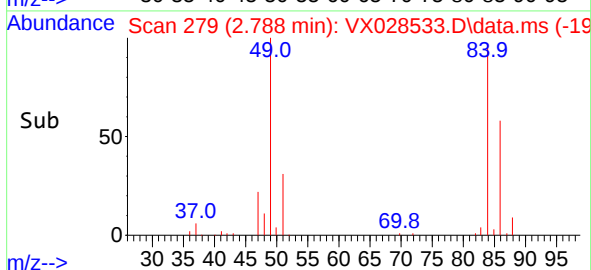
Supervised By :Mahesh Dadoda 05/06/2022

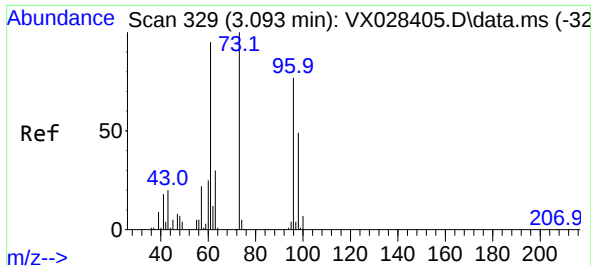


#18  
 Methylene Chloride  
 Concen: 19.016 ug/l  
 RT: 2.788 min Scan# 279  
 Delta R.T. -0.000 min  
 Lab File: VX028533.D  
 Acq: 05 May 2022 14:51



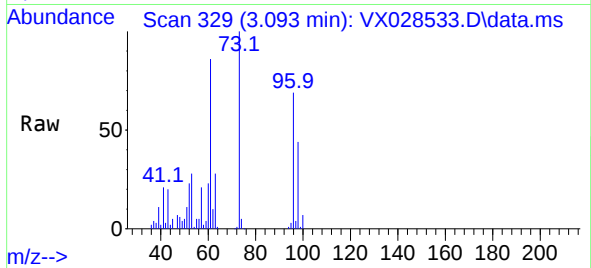
Tgt Ion: 84 Resp: 54739  
 Ion Ratio Lower Upper  
 84 100  
 49 103.2 94.2 141.2  
 51 32.3 29.2 43.8  
 86 60.2 51.8 77.6





#19  
trans-1,2-Dichloroethene  
Concen: 18.147 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51

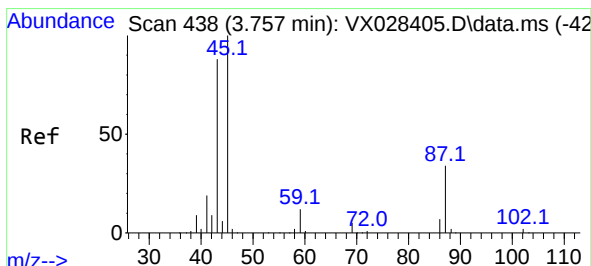
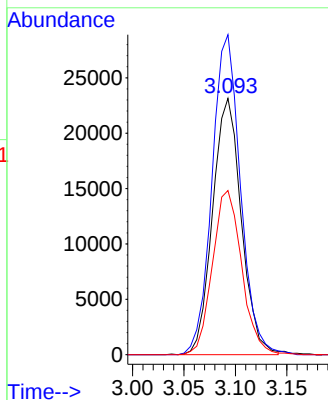
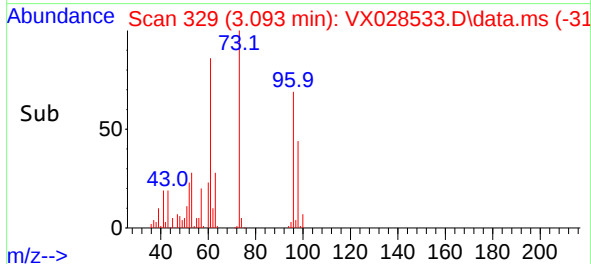
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0505WBSD01



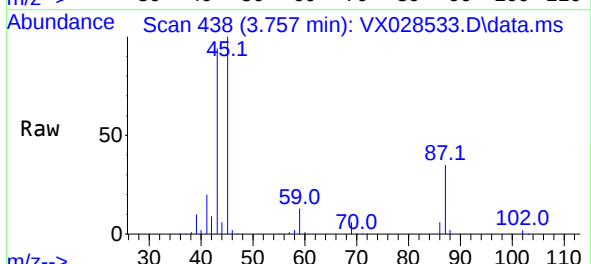
Tgt Ion: 96 Resp: 4491  
Ion Ratio Lower Upper  
96 100  
61 124.8 108.7 163.1  
98 64.1 49.2 73.8

Manual Integrations  
APPROVED

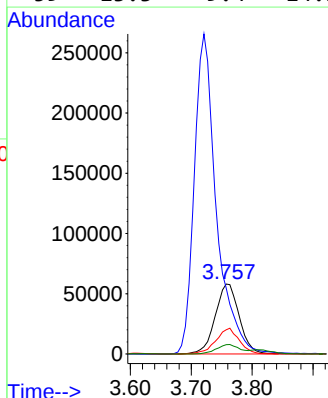
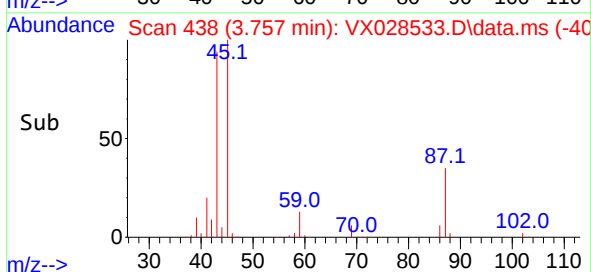
Reviewed By :John Carlone 05/06/2022  
Supervised By :Mahesh Dadoda 05/06/2022

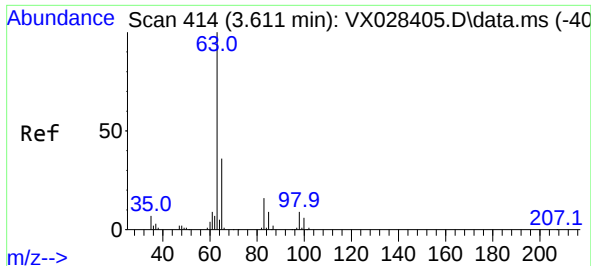


#20  
Diisopropyl ether  
Concen: 18.929 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51



Tgt Ion: 45 Resp: 158385  
Ion Ratio Lower Upper  
45 100  
43 92.6 70.3 105.5  
87 34.6 24.5 36.7  
59 13.3 9.4 14.2





#21

1,1-Dichloroethane

Concen: 18.672 ug/l

RT: 3.611 min Scan# 414

Delta R.T. -0.000 min

Lab File: VX028533.D

Acq: 05 May 2022 14:51

Instrument :

MSVOA\_X

ClientSampleId :

VX0505WBSD01

Tgt Ion: 63 Resp: 9234

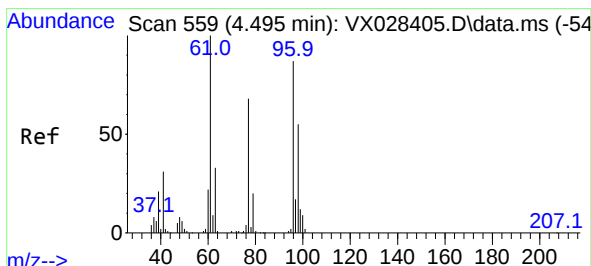
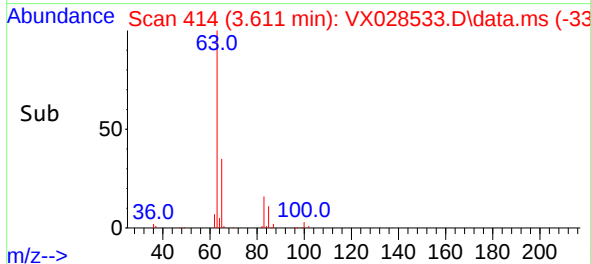
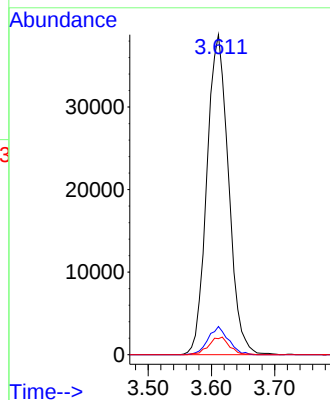
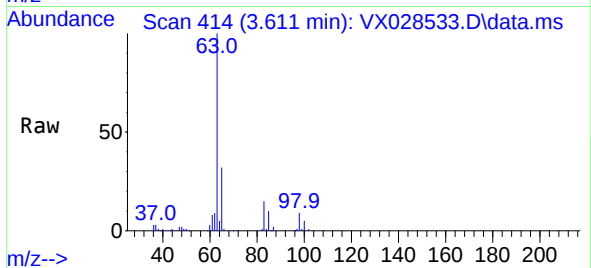
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 98  | 8.8   | 3.8   | 11.2  |
| 100 | 5.0   | 2.5   | 7.5   |

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2022

Supervised By :Mahesh Dadoda 05/06/2022



#22

cis-1,2-Dichloroethene

Concen: 18.592 ug/l

RT: 4.489 min Scan# 558

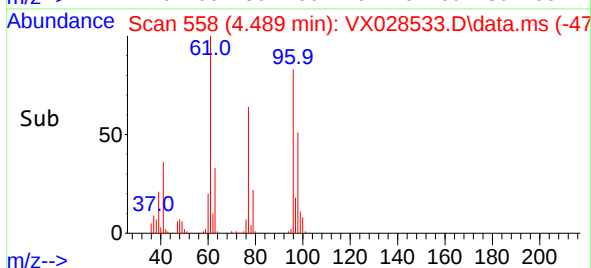
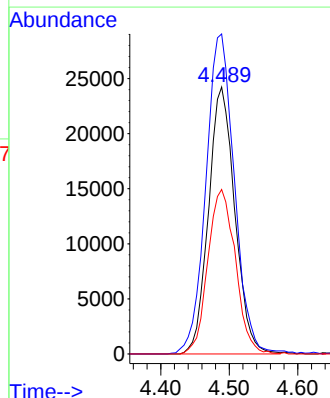
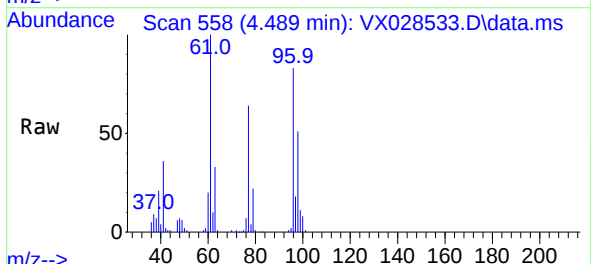
Delta R.T. -0.006 min

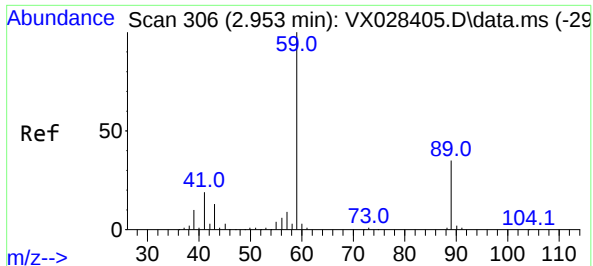
Lab File: VX028533.D

Acq: 05 May 2022 14:51

Tgt Ion: 96 Resp: 64779

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 129.4 | 107.4 | 161.2 |
| 98  | 64.4  | 51.1  | 76.7  |





#23

tert-Butyl Alcohol

Concen: 93.459 ug/l

RT: 2.959 min Scan# 306

Delta R.T. 0.006 min

Lab File: VX028533.D

Acq: 05 May 2022 14:51

Instrument :

MSVOA\_X

ClientSampleId :

VX0505WBSD01

Tgt Ion: 59 Resp: 8218

Ion Ratio Lower Upper

59 100

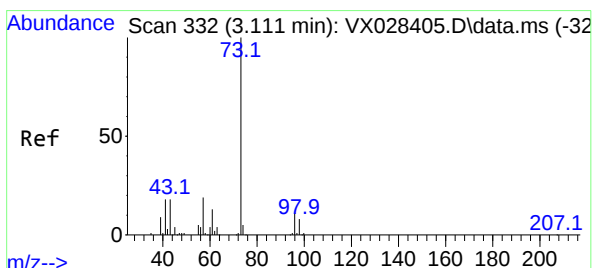
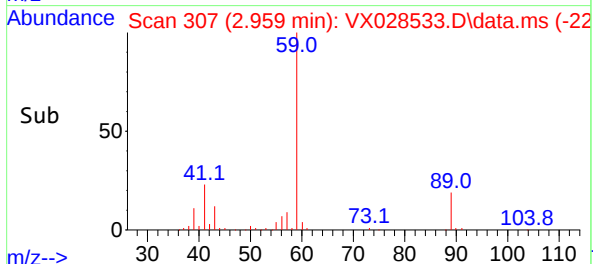
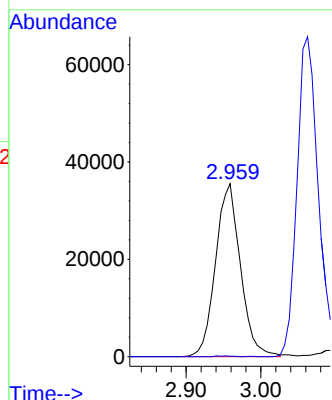
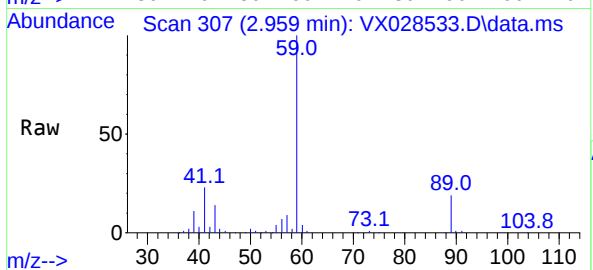
52 0.3 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2022

Supervised By :Mahesh Dadoda 05/06/2022



#24

Methyl tert-Butyl Ether

Concen: 18.694 ug/l

RT: 3.111 min Scan# 332

Delta R.T. -0.000 min

Lab File: VX028533.D

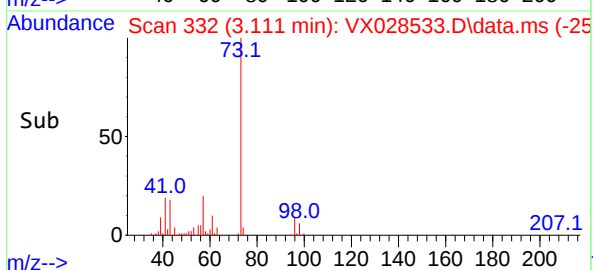
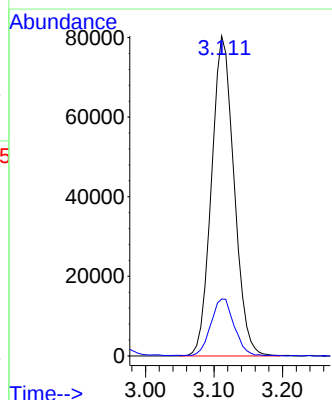
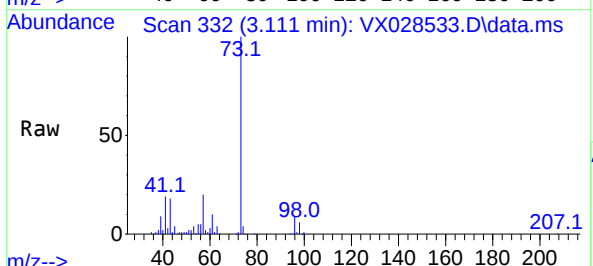
Acq: 05 May 2022 14:51

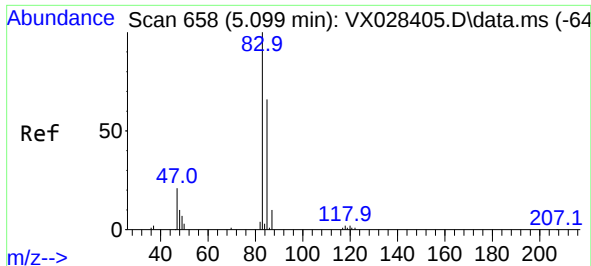
Tgt Ion: 73 Resp: 184150

Ion Ratio Lower Upper

73 100

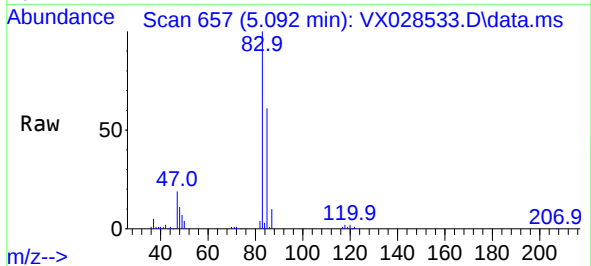
43 18.1 16.0 24.0





#25  
Chloroform  
Concen: 19.213 ug/l  
RT: 5.092 min Scan# 611  
Delta R.T. -0.006 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51

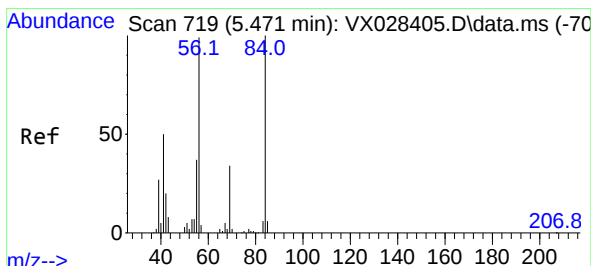
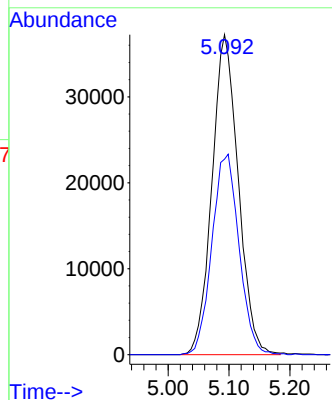
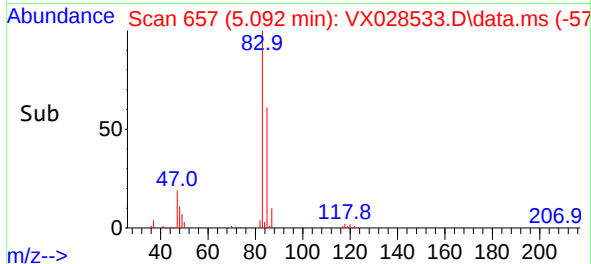
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0505WBSD01



Tgt Ion: 83 Resp: 111650  
Ion Ratio Lower Upper  
83 100  
85 61.1 49.9 74.9

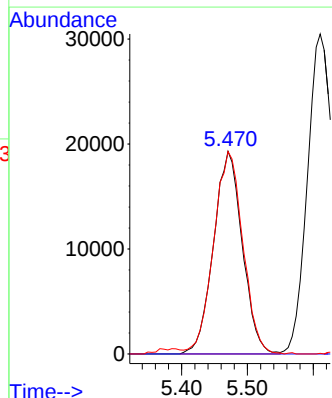
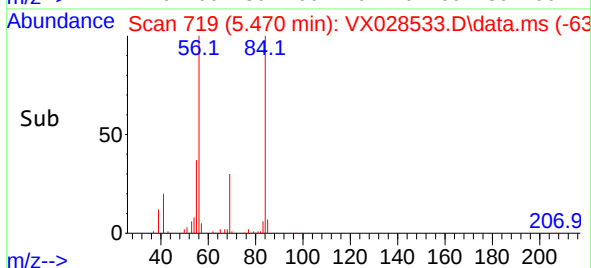
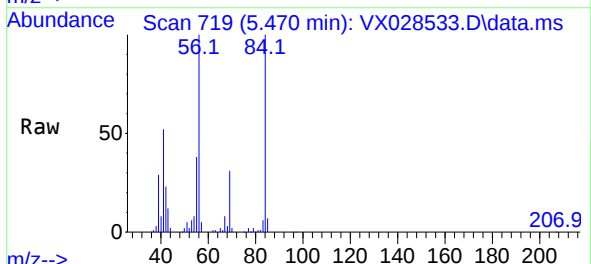
Manual Integrations  
APPROVED

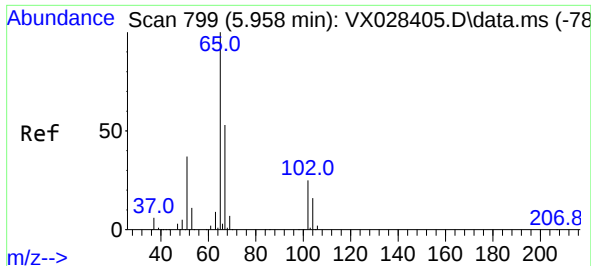
Reviewed By :John Carlone 05/06/2022  
Supervised By :Mahesh Dadoda 05/06/2022



#26  
Cyclohexane  
Concen: 18.774 ug/l  
RT: 5.470 min Scan# 719  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51

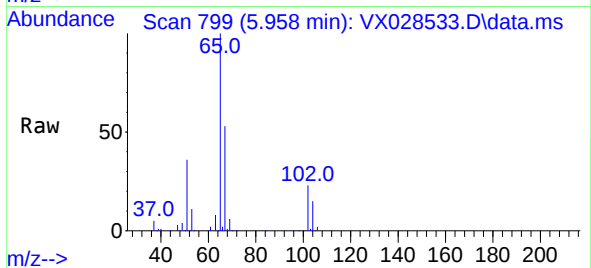
Tgt Ion: 56 Resp: 58699  
Ion Ratio Lower Upper  
56 100  
89 0.0 0.0 0.0  
84 101.8 76.2 114.2





#27  
1,2-Dichloroethane-d4  
Concen: 30.971 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51

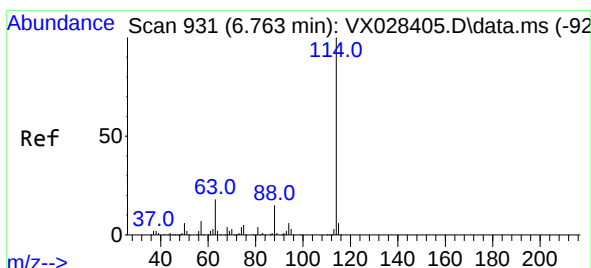
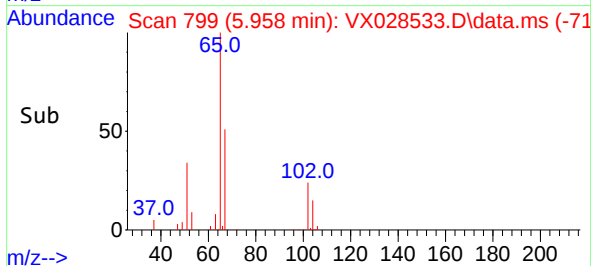
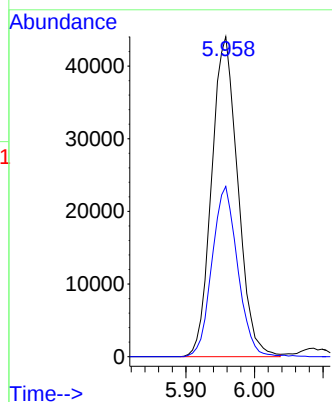
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0505WBSD01



Tgt Ion: 65 Resp: 11704  
Ion Ratio Lower Upper  
65 100  
67 51.8 42.3 63.5

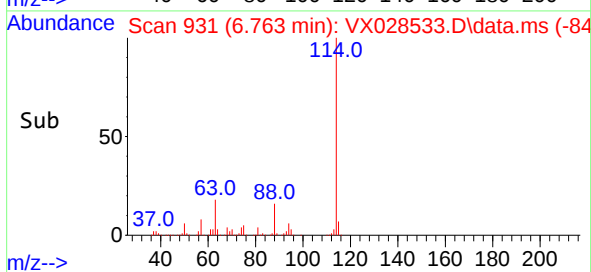
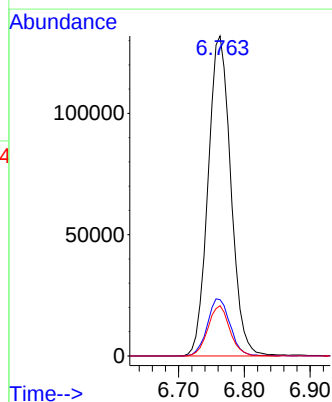
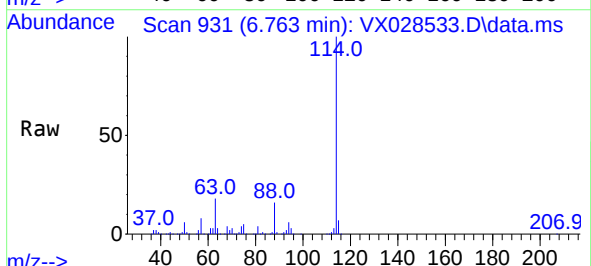
Manual Integrations  
APPROVED

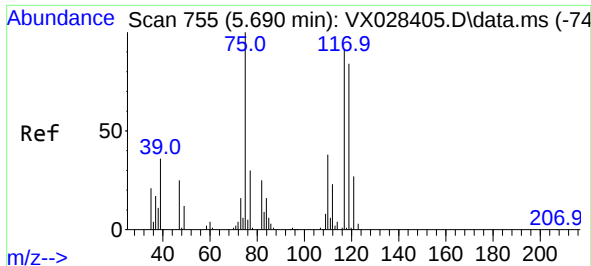
Reviewed By :John Carlone 05/06/2022  
Supervised By :Mahesh Dadoda 05/06/2022



#28  
1,4-Difluorobenzene  
Concen: 30.000 ug/l  
RT: 6.763 min Scan# 931  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51

Tgt Ion:114 Resp: 317701  
Ion Ratio Lower Upper  
114 100  
63 17.9 15.3 22.9  
88 15.1 12.2 18.4





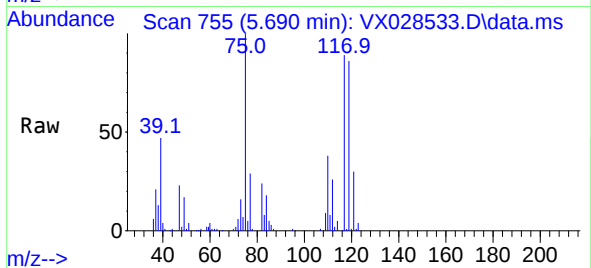
#29  
1,1-Dichloropropene  
Concen: 19.411 ug/l  
RT: 5.690 min Scan# 755  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51

Instrument :

MSVOA\_X

ClientSampleId :

VX0505WBSD01



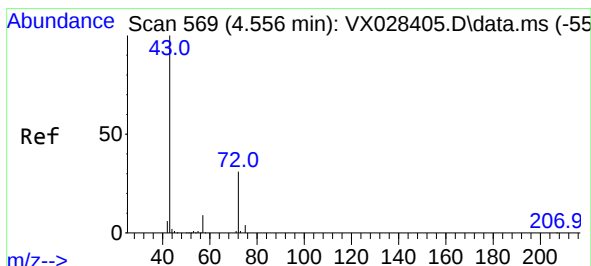
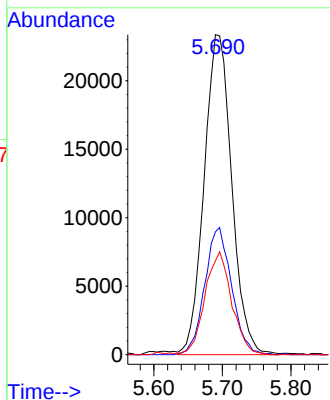
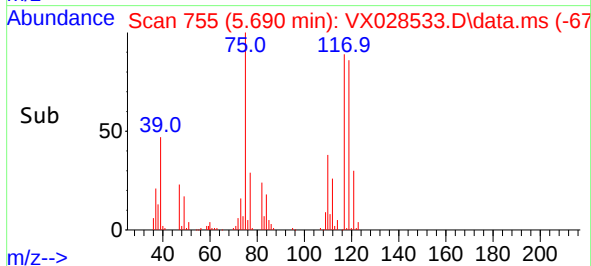
Tgt Ion: 75 Resp: 6559  
Ion Ratio Lower Upper  
75 100  
110 38.5 0.0 73.6  
77 31.1 0.0 62.2

Manual Integrations

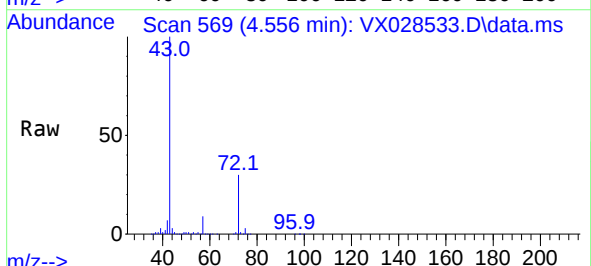
APPROVED

Reviewed By :John Carlone 05/06/2022

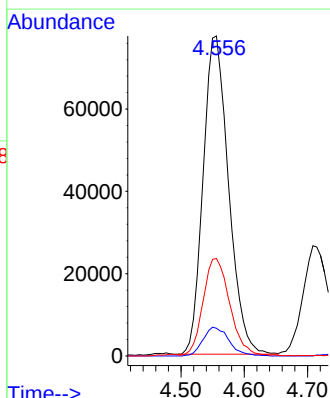
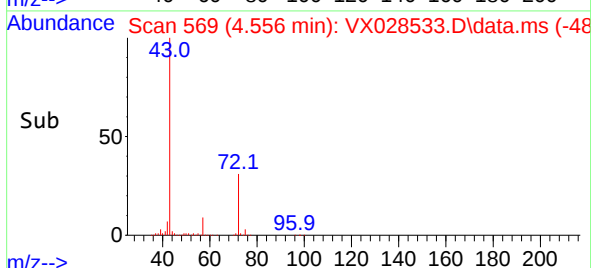
Supervised By :Mahesh Dadoda 05/06/2022

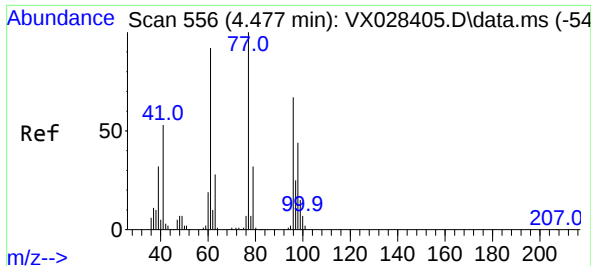


#30  
2-Butanone  
Concen: 101.687 ug/l  
RT: 4.556 min Scan# 569  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51



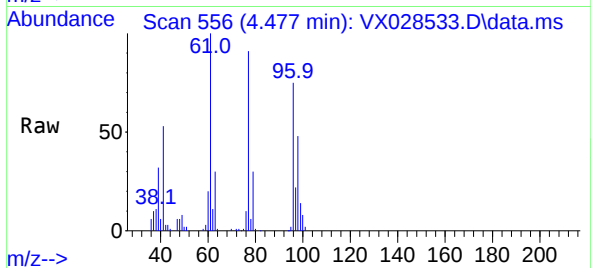
Tgt Ion: 43 Resp: 216569  
Ion Ratio Lower Upper  
43 100  
57 9.2 6.6 10.0  
72 32.1 22.1 33.1





#31  
2,2-Dichloropropane  
Concen: 17.927 ug/l  
RT: 4.477 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51

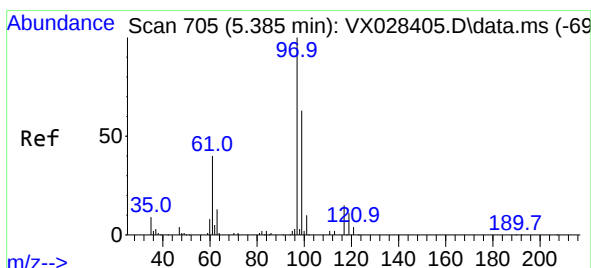
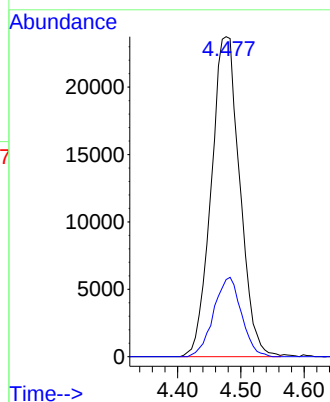
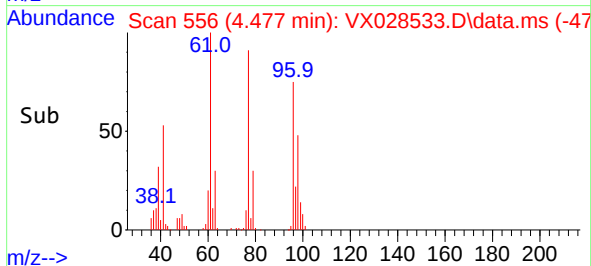
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0505WBSD01



Tgt Ion: 77 Resp: 74400  
Ion Ratio Lower Upper  
77 100  
97 24.1 18.4 27.6

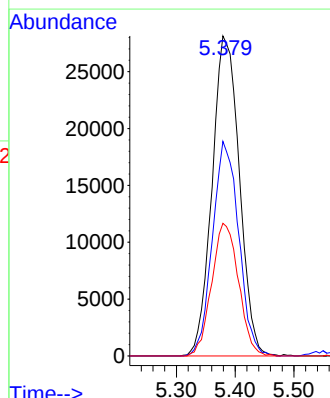
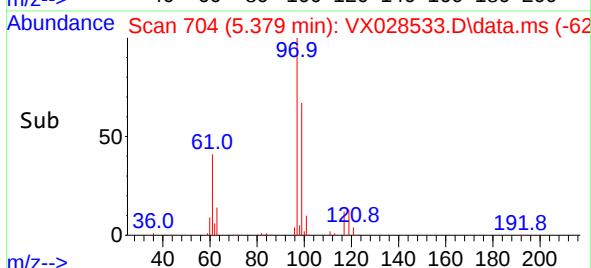
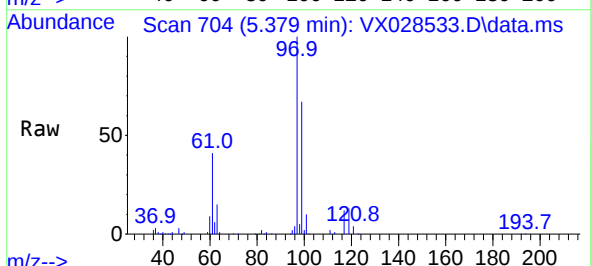
Manual Integrations  
APPROVED

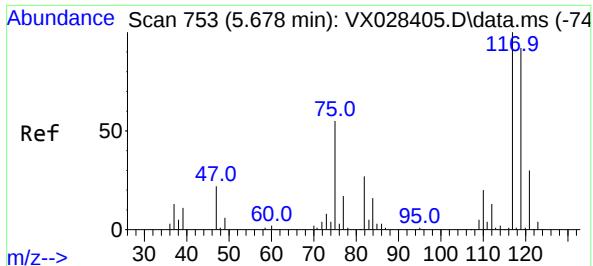
Reviewed By :John Carlone 05/06/2022  
Supervised By :Mahesh Dadoda 05/06/2022



#32  
1,1,1-Trichloroethane  
Concen: 19.114 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.006 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51

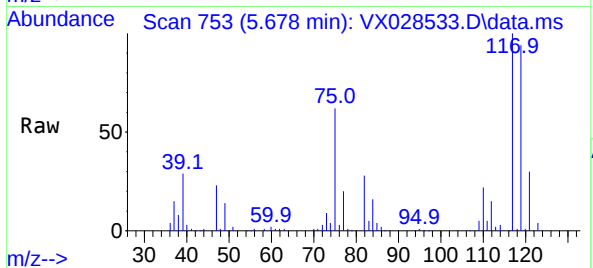
Tgt Ion: 97 Resp: 90815  
Ion Ratio Lower Upper  
97 100  
99 64.5 51.8 77.8  
61 40.8 33.4 50.0





#33  
Carbon Tetrachloride  
Concen: 18.923 ug/l  
RT: 5.678 min Scan# 753  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51

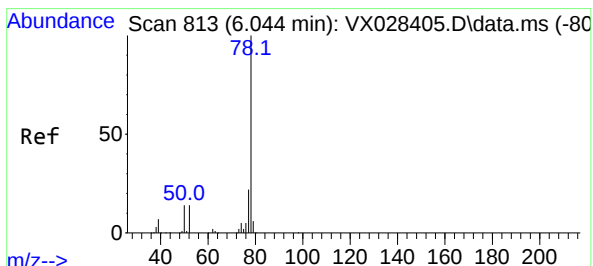
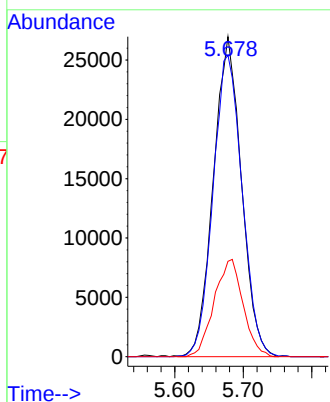
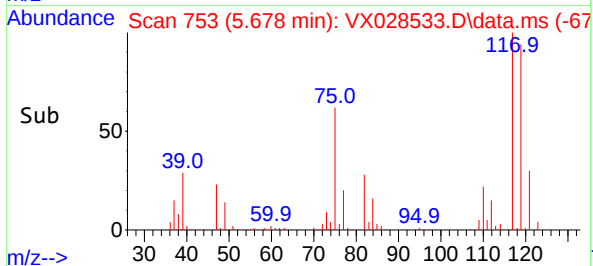
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0505WBSD01



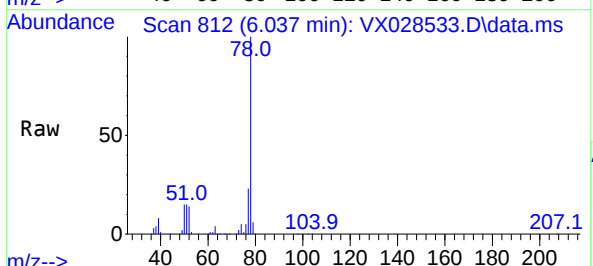
Tgt Ion: 117 Resp: 7650  
Ion Ratio Lower Upper  
117 100  
119 94.0 75.3 112.9  
121 29.8 24.1 36.1

Manual Integrations  
APPROVED

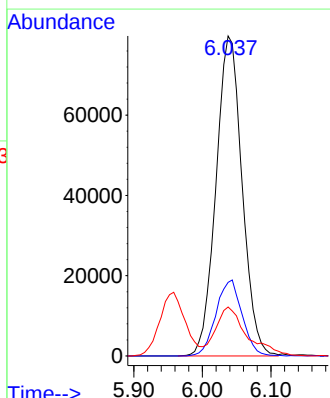
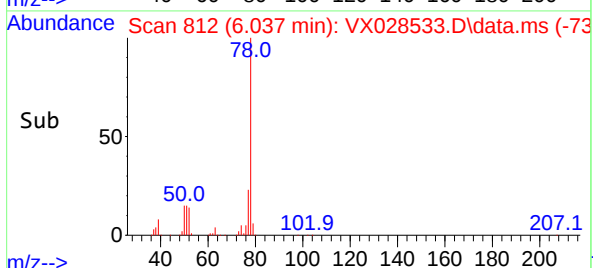
Reviewed By :John Carlone 05/06/2022  
Supervised By :Mahesh Dadoda 05/06/2022

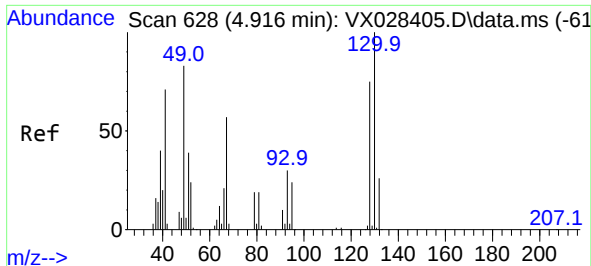


#34  
Benzene  
Concen: 19.582 ug/l  
RT: 6.037 min Scan# 812  
Delta R.T. -0.006 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51



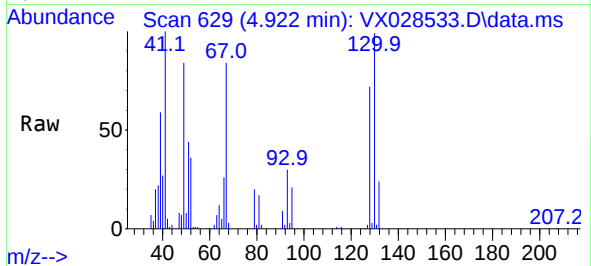
Tgt Ion: 78 Resp: 210759  
Ion Ratio Lower Upper  
78 100  
77 23.0 18.5 27.7  
51 13.8 12.9 19.3





#35  
Methacrylonitrile  
Concen: 19.803 ug/l  
RT: 4.922 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51

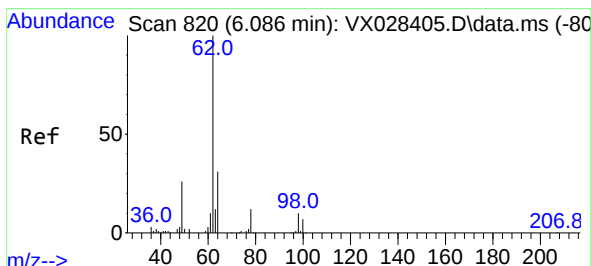
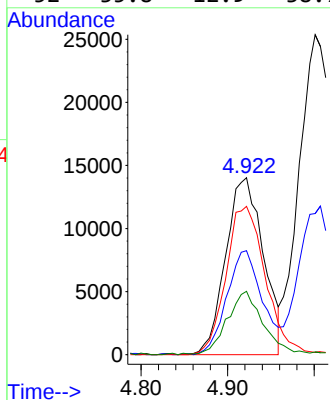
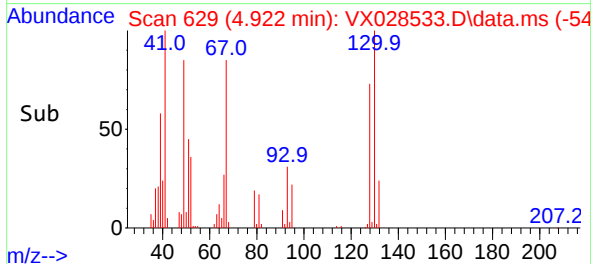
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0505WBSD01



Tgt Ion: 41 Resp: 4247  
Ion Ratio Lower Upper  
41 100  
39 58.7 27.0 81.0  
67 83.8 33.3 99.8  
52 35.8 12.9 38.7

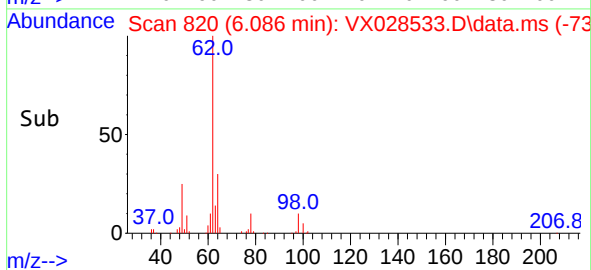
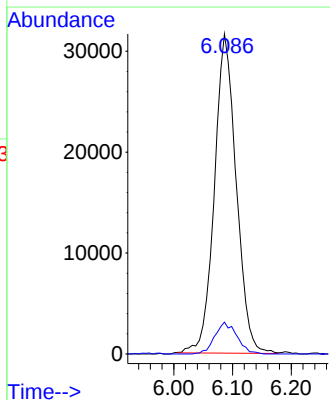
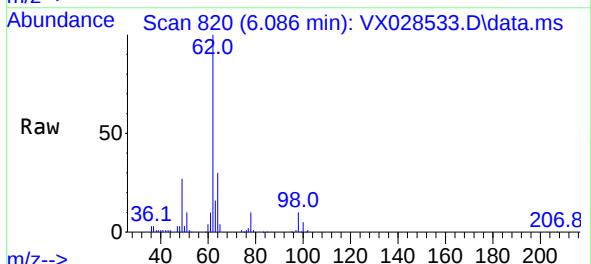
Manual Integrations  
APPROVED

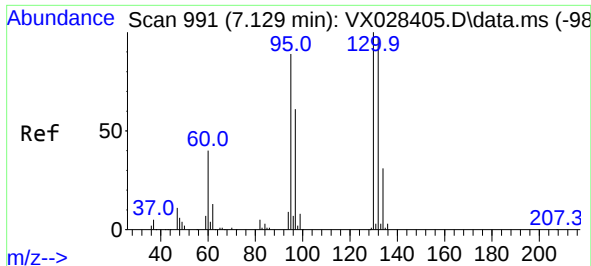
Reviewed By :John Carlone 05/06/2022  
Supervised By :Mahesh Dadoda 05/06/2022



#36  
1,2-Dichloroethane  
Concen: 20.360 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51

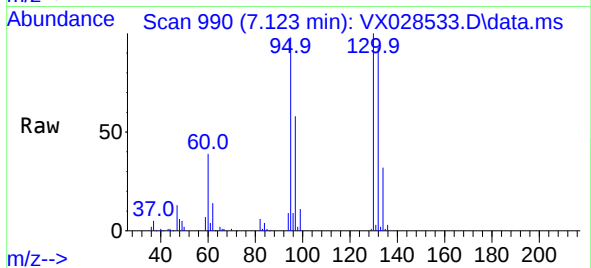
Tgt Ion: 62 Resp: 81665  
Ion Ratio Lower Upper  
62 100  
98 10.0 7.4 11.0





#37  
Trichloroethene  
Concen: 18.930 ug/l  
RT: 7.123 min Scan# 991  
Delta R.T. -0.006 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51

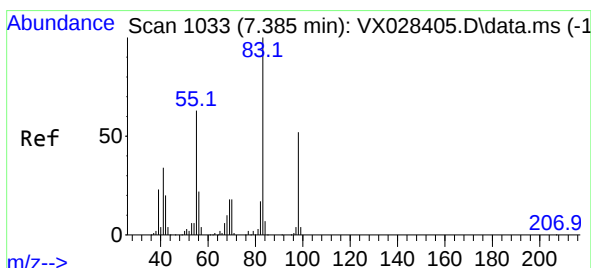
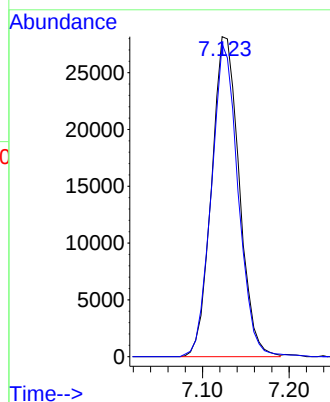
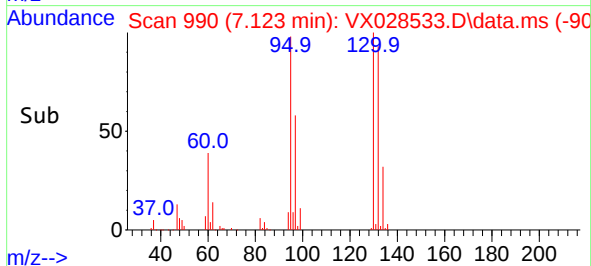
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0505WBSD01



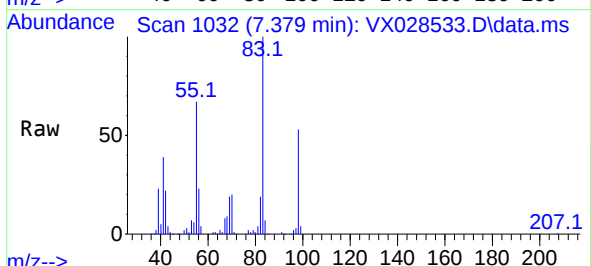
Tgt Ion:130 Resp: 62408  
Ion Ratio Lower Upper  
130 100  
95 97.7 76.5 114.7

Manual Integrations  
APPROVED

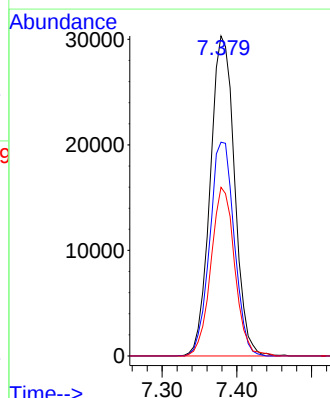
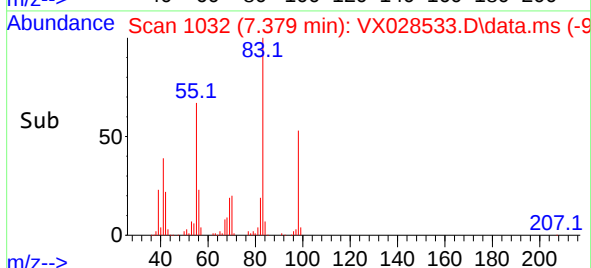
Reviewed By :John Carlone 05/06/2022  
Supervised By :Mahesh Dadoda 05/06/2022

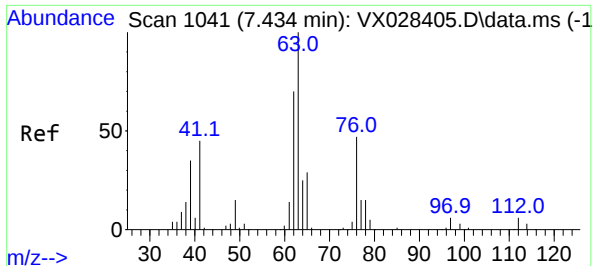


#38  
Methylcyclohexane  
Concen: 19.819 ug/l  
RT: 7.379 min Scan# 1032  
Delta R.T. -0.006 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51



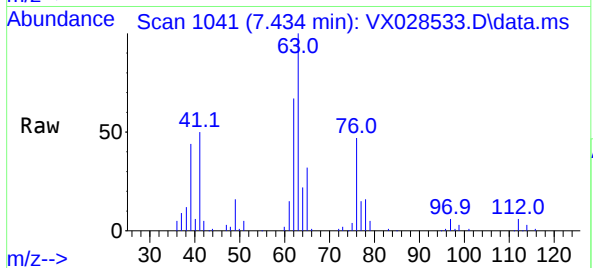
Tgt Ion: 83 Resp: 68586  
Ion Ratio Lower Upper  
83 100  
55 67.3 37.0 110.9  
98 51.6 25.9 77.8





#39  
1,2-Dichloropropane  
Concen: 19.652 ug/l  
RT: 7.434 min Scan# 1041  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51

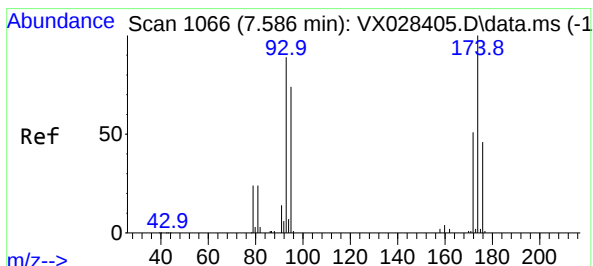
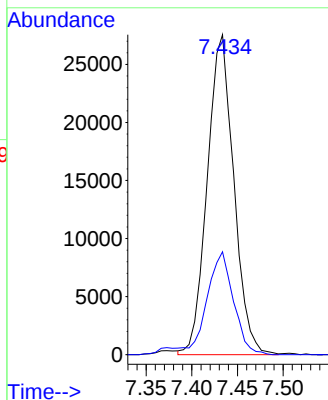
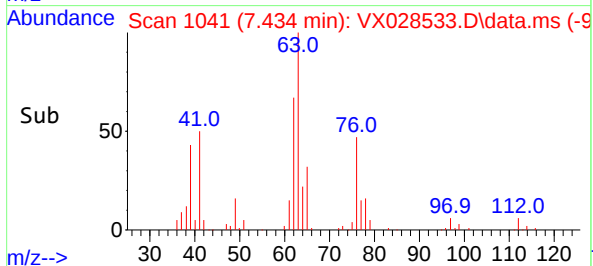
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0505WBSD01



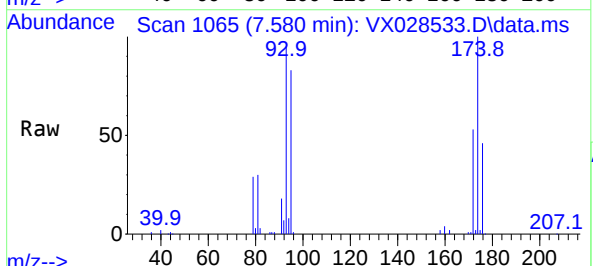
Tgt Ion: 63 Resp: 5559  
Ion Ratio Lower Upper  
63 100  
65 32.2 25.4 38.2

Manual Integrations  
APPROVED

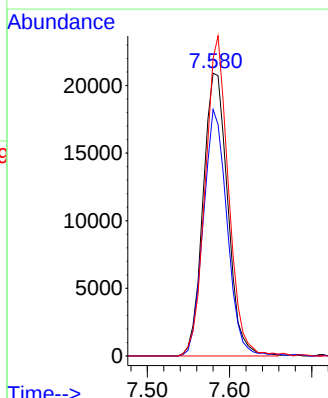
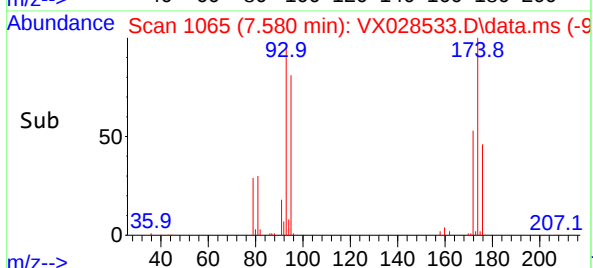
Reviewed By :John Carlone 05/06/2022  
Supervised By :Mahesh Dadoda 05/06/2022

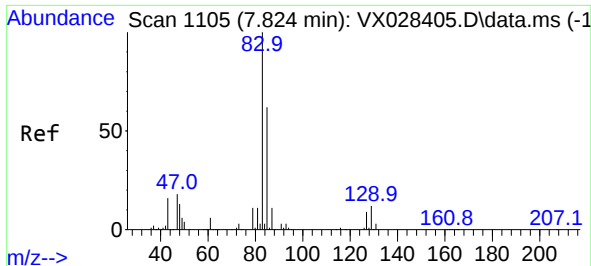


#40  
Dibromomethane  
Concen: 20.028 ug/l  
RT: 7.580 min Scan# 1065  
Delta R.T. -0.006 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51



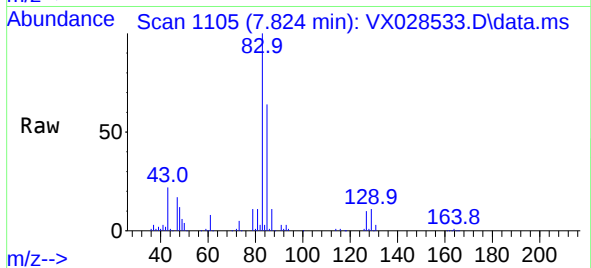
Tgt Ion: 93 Resp: 43461  
Ion Ratio Lower Upper  
93 100  
95 83.7 0.0 168.8  
174 106.3 0.0 220.8





#41  
Bromodichloromethane  
Concen: 20.562 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51

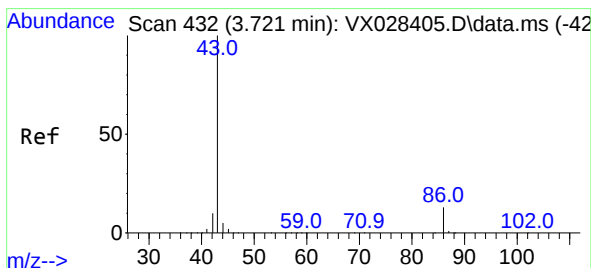
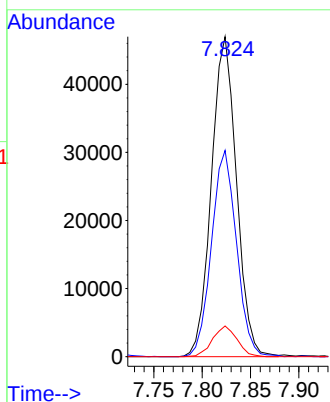
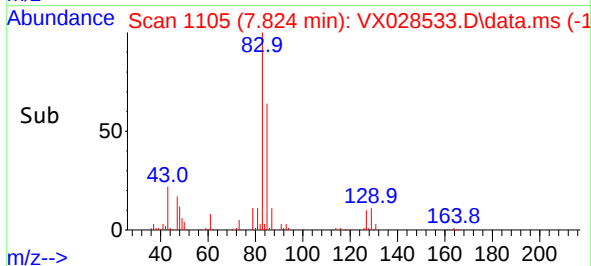
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0505WBSD01



Tgt Ion: 83 Resp: 84672  
Ion Ratio Lower Upper  
83 100  
85 64.4 50.6 75.8  
127 9.6 7.0 10.6

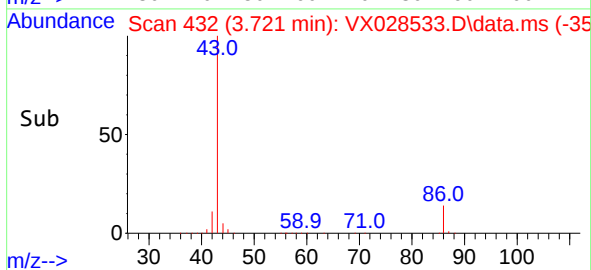
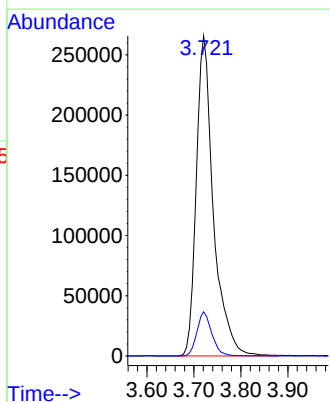
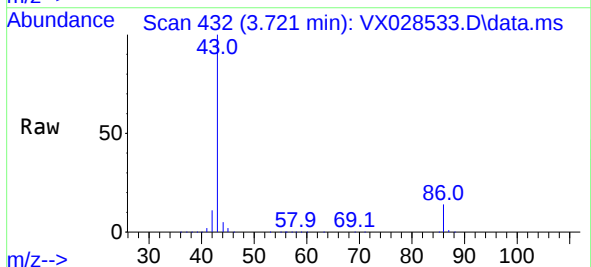
Manual Integrations  
APPROVED

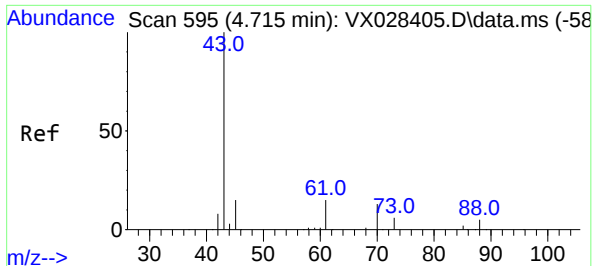
Reviewed By :John Carlone 05/06/2022  
Supervised By :Mahesh Dadoda 05/06/2022



#42  
Vinyl Acetate  
Concen: 101.954 ug/l  
RT: 3.721 min Scan# 432  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51

Tgt Ion: 43 Resp: 672940  
Ion Ratio Lower Upper  
43 100  
86 12.0 8.5 12.7





#43

Ethyl Acetate

Concen: 20.092 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX028533.D

Acq: 05 May 2022 14:51

Instrument :

MSVOA\_X

ClientSampleId :

VX0505WBSD01

Tgt Ion: 43 Resp: 80070

Ion Ratio Lower Upper

43 100

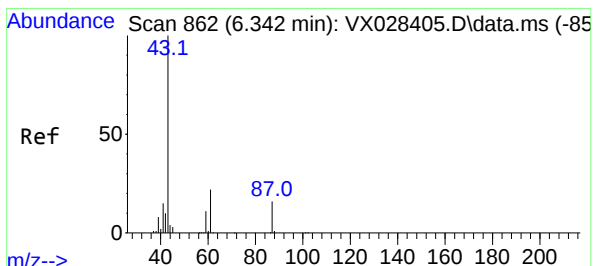
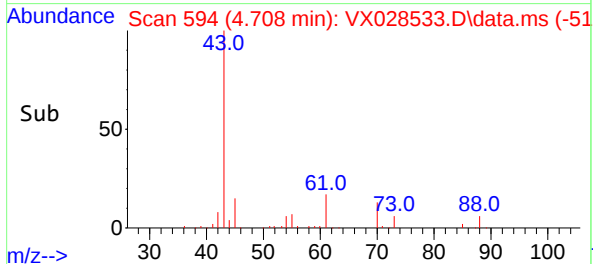
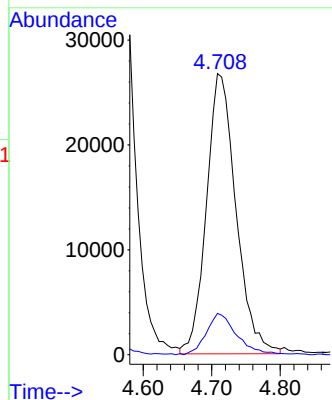
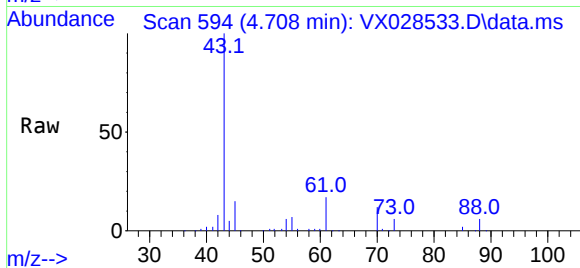
45 14.8 11.8 17.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2022

Supervised By :Mahesh Dadoda 05/06/2022



#44

Isopropyl Acetate

Concen: 19.408 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.006 min

Lab File: VX028533.D

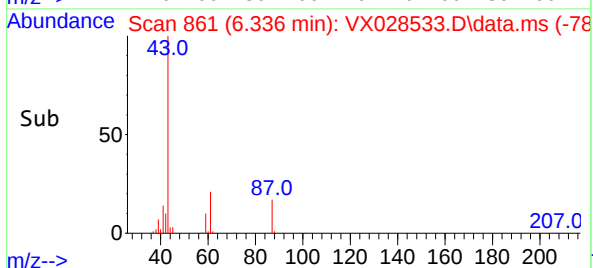
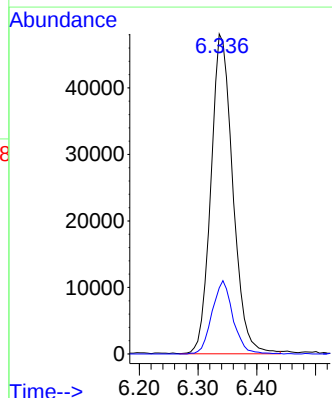
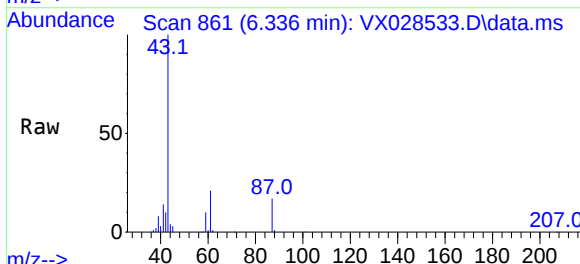
Acq: 05 May 2022 14:51

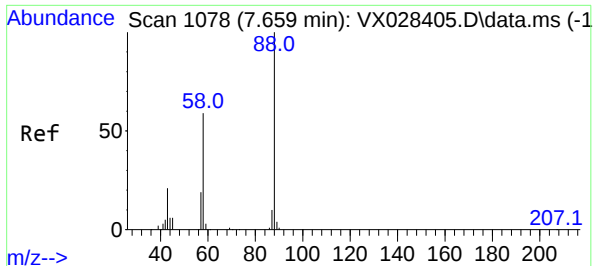
Tgt Ion: 43 Resp: 124714

Ion Ratio Lower Upper

43 100

61 21.7 17.0 25.4





#45

1,4-Dioxane

Concen: 431.439 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. -0.000 min

Lab File: VX028533.D

Acq: 05 May 2022 14:51

Instrument :

MSVOA\_X

ClientSampleId :

VX0505WBSD01

Tgt Ion: 88 Resp: 3610

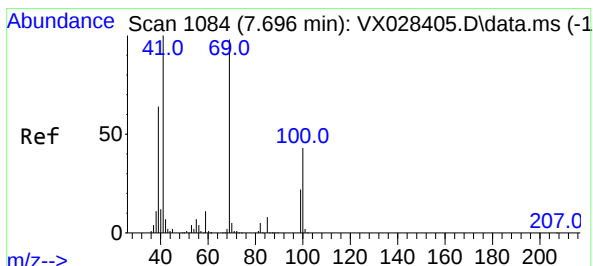
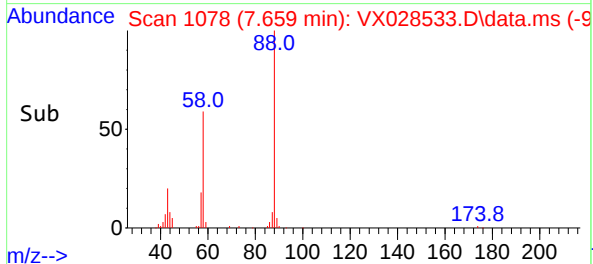
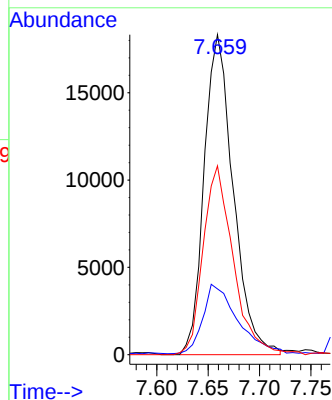
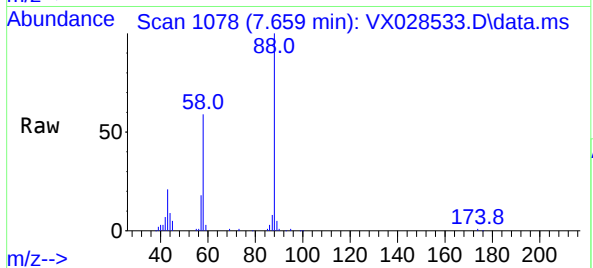
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 25.7  | 25.8  | 38.6  |
| 58  | 60.7  | 54.8  | 82.2  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2022

Supervised By :Mahesh Dadoda 05/06/2022



#46

Methyl methacrylate

Concen: 19.782 ug/l

RT: 7.690 min Scan# 1083

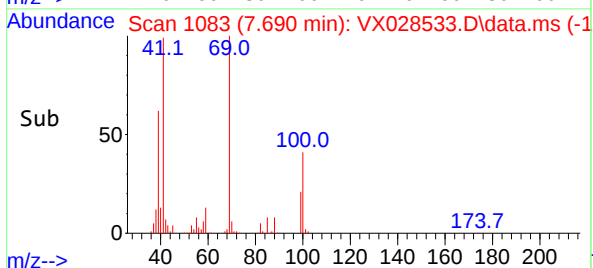
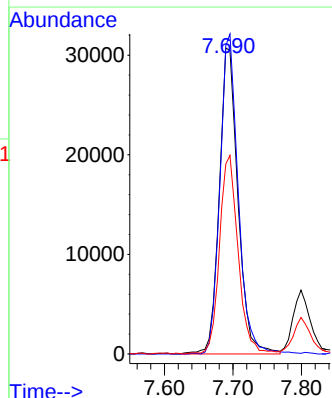
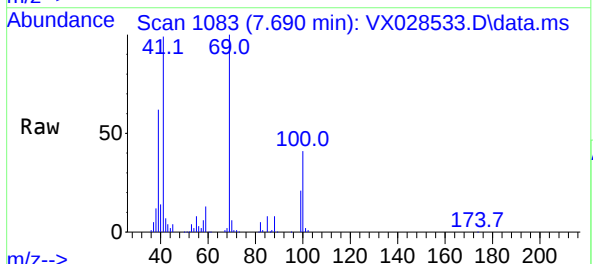
Delta R.T. -0.006 min

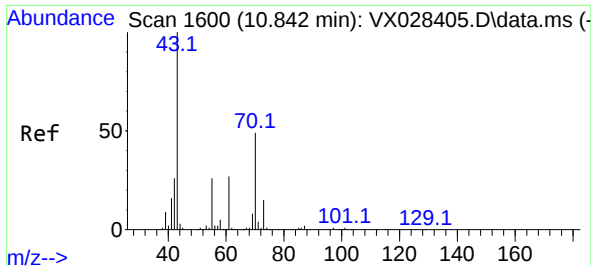
Lab File: VX028533.D

Acq: 05 May 2022 14:51

Tgt Ion: 41 Resp: 58096

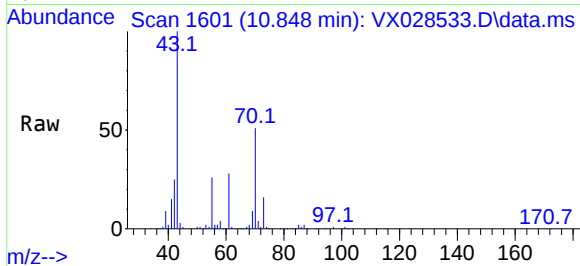
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 69  | 100.8 | 41.9  | 125.8 |
| 39  | 61.9  | 27.5  | 82.5  |





#47  
n-amyl acetate  
Concen: 19.197 ug/l  
RT: 10.848 min Scan# 1601  
Delta R.T. 0.006 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51

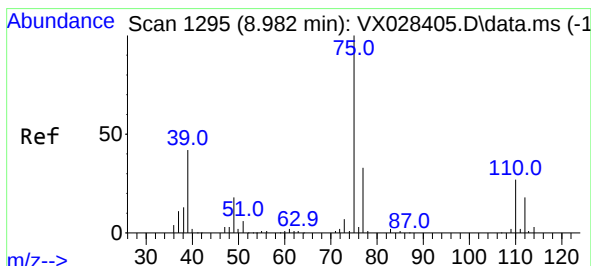
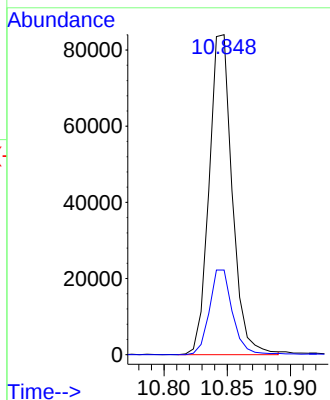
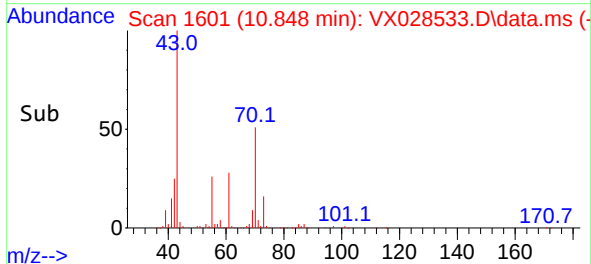
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0505WBSD01



Tgt Ion: 43 Resp: 106798  
Ion Ratio Lower Upper  
43 100  
55 26.7 20.4 30.6

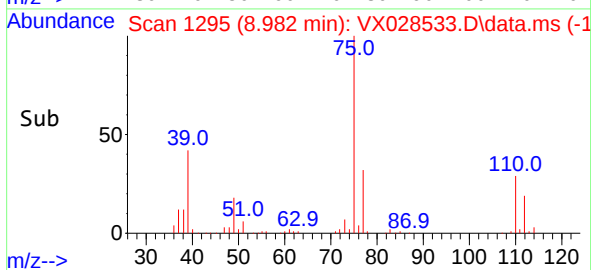
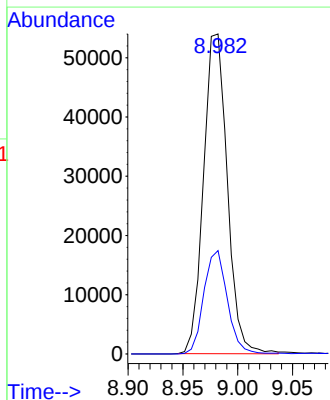
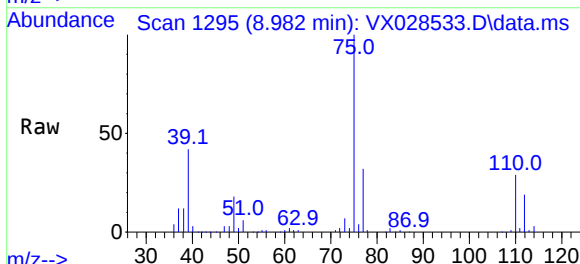
Manual Integrations  
APPROVED

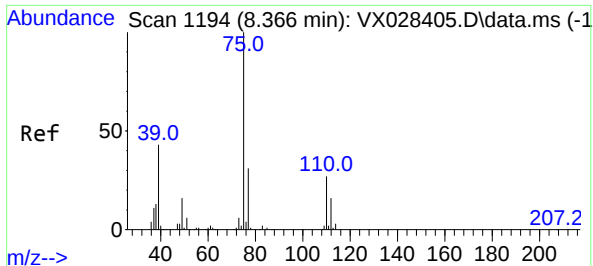
Reviewed By :John Carlone 05/06/2022  
Supervised By :Mahesh Dadoda 05/06/2022



#48  
t-1,3-Dichloropropene  
Concen: 18.814 ug/l  
RT: 8.982 min Scan# 1295  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51

Tgt Ion: 75 Resp: 81373  
Ion Ratio Lower Upper  
75 100  
77 32.3 26.6 40.0





#49

cis-1,3-Dichloropropene

Concen: 19.060 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX028533.D

Acq: 05 May 2022 14:51

Instrument :

MSVOA\_X

ClientSampleId :

VX0505WBSD01

Tgt Ion: 75 Resp: 8858

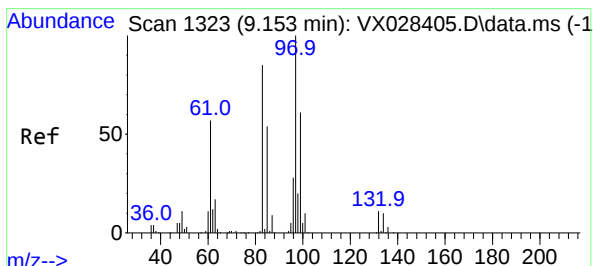
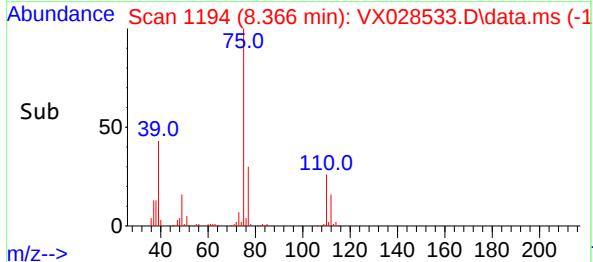
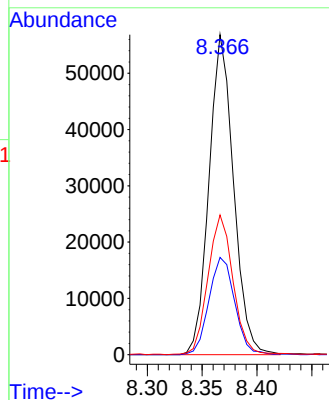
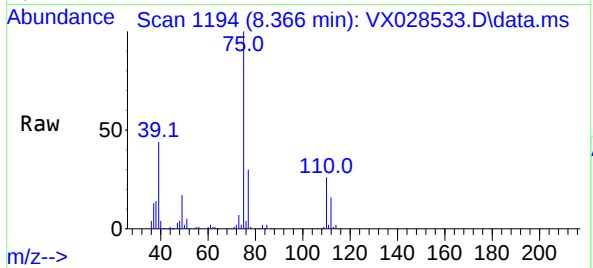
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 30.4  | 25.2  | 37.8  |
| 39  | 43.4  | 37.4  | 56.0  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2022

Supervised By :Mahesh Dadoda 05/06/2022



#50

1,1,2-Trichloroethane

Concen: 20.161 ug/l

RT: 9.153 min Scan# 1323

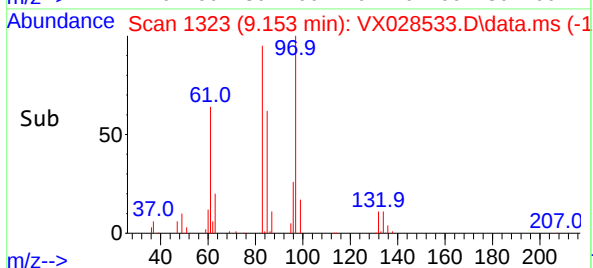
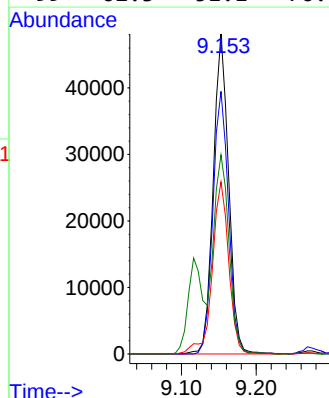
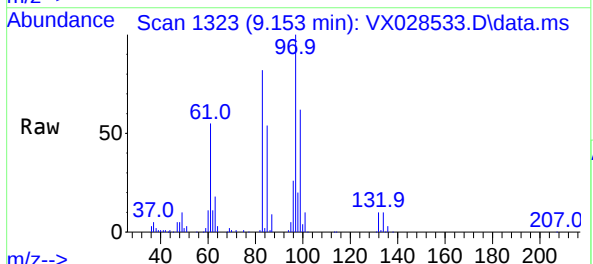
Delta R.T. -0.000 min

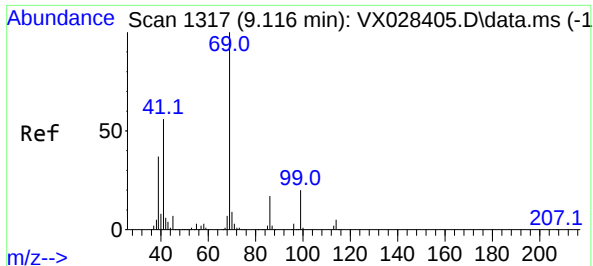
Lab File: VX028533.D

Acq: 05 May 2022 14:51

Tgt Ion: 97 Resp: 68799

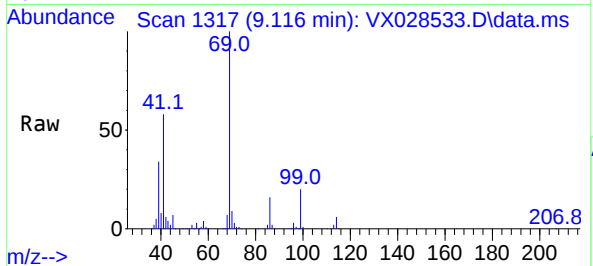
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 82.1  | 66.2  | 99.4  |
| 85  | 53.8  | 40.4  | 60.6  |
| 99  | 62.3  | 51.1  | 76.7  |





#51  
Ethyl methacrylate  
Concen: 19.717 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51

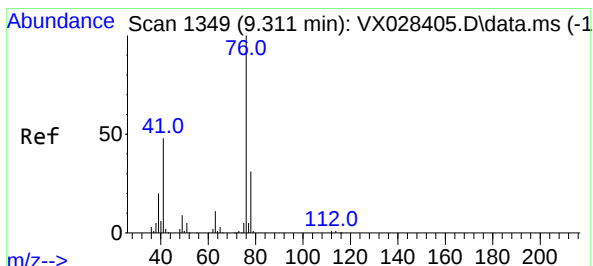
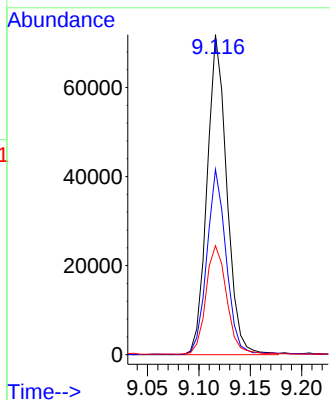
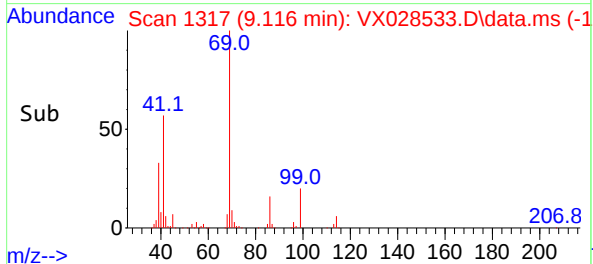
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0505WBSD01



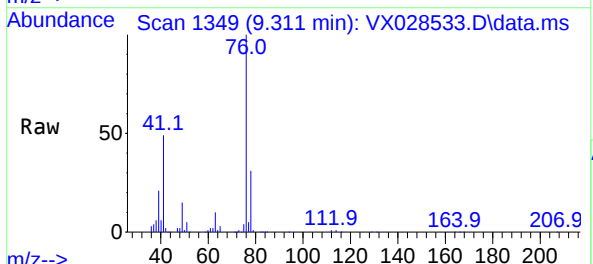
Tgt Ion: 69 Resp: 9628  
Ion Ratio Lower Upper  
69 100  
41 57.8 32.1 96.5  
39 33.9 18.3 54.9

Manual Integrations  
APPROVED

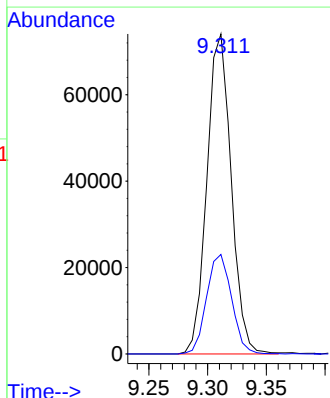
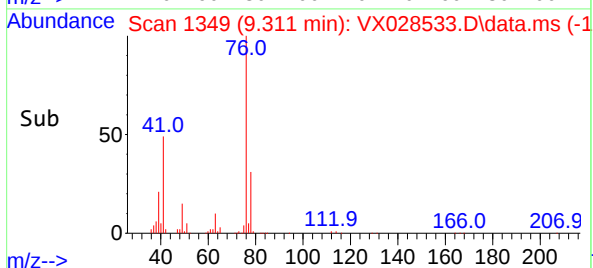
Reviewed By :John Carlone 05/06/2022  
Supervised By :Mahesh Dadoda 05/06/2022

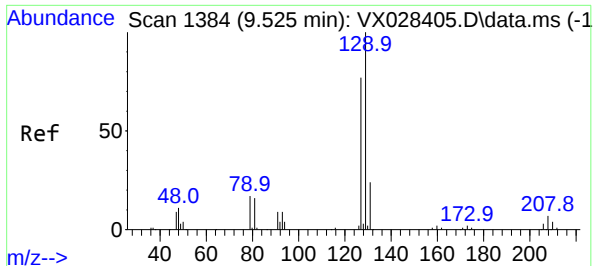


#52  
1,3-Dichloropropane  
Concen: 19.957 ug/l  
RT: 9.311 min Scan# 1349  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51



Tgt Ion: 76 Resp: 106545  
Ion Ratio Lower Upper  
76 100  
78 32.0 0.0 64.4





#53

Dibromochloromethane

Concen: 19.945 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX028533.D

Acq: 05 May 2022 14:51

Instrument :

MSVOA\_X

ClientSampleId :

VX0505WBSD01

Tgt Ion:129 Resp: 6963

Ion Ratio Lower Upper

129 100

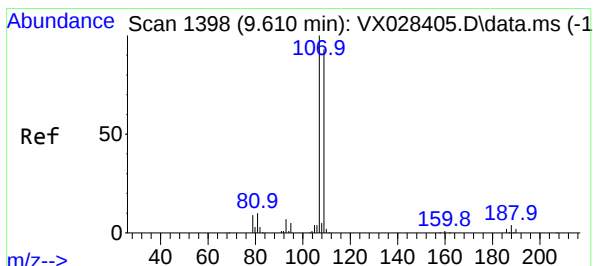
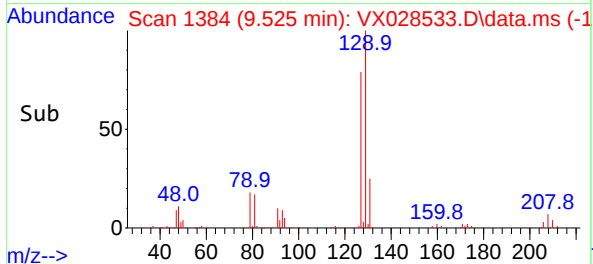
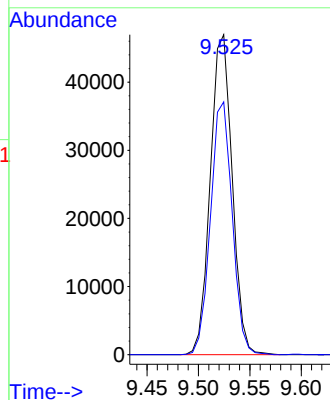
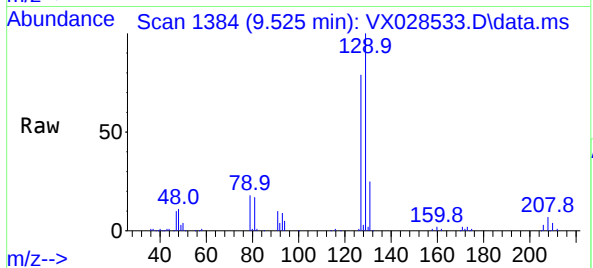
127 78.3 38.4 115.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2022

Supervised By :Mahesh Dadoda 05/06/2022



#54

1,2-Dibromoethane

Concen: 19.512 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX028533.D

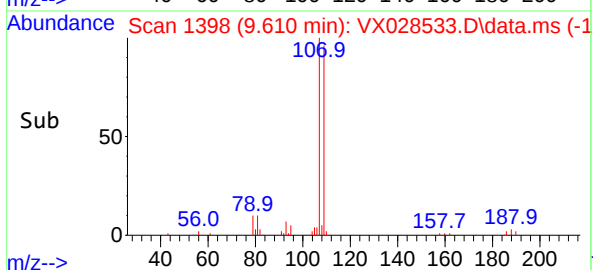
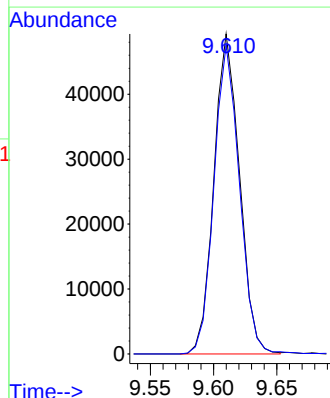
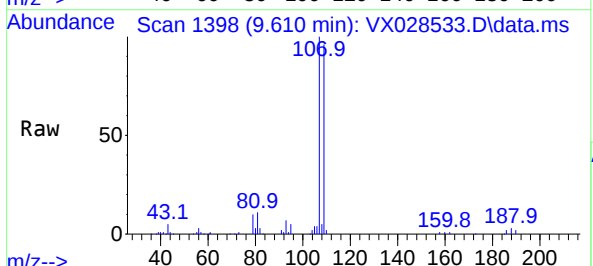
Acq: 05 May 2022 14:51

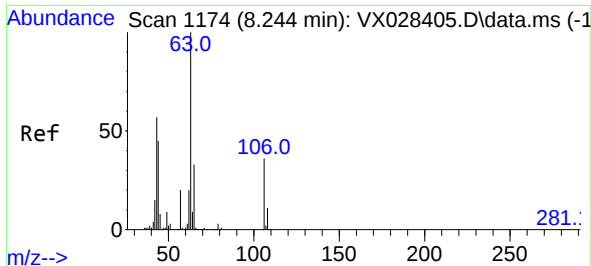
Tgt Ion:107 Resp: 69266

Ion Ratio Lower Upper

107 100

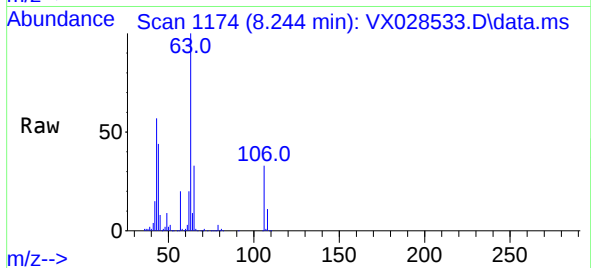
109 96.1 76.2 114.4





#55  
2-Chloroethyl vinyl ether  
Concen: 108.739 ug/l  
RT: 8.244 min Scan# 1174  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51

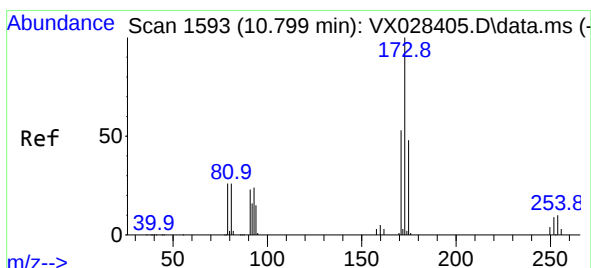
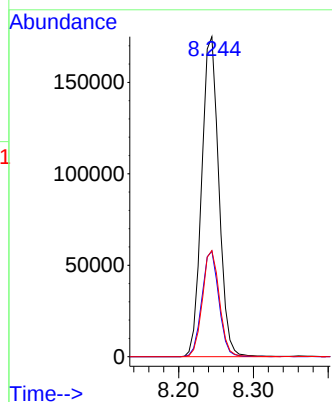
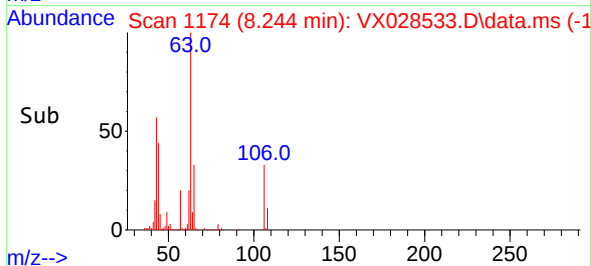
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0505WBSD01



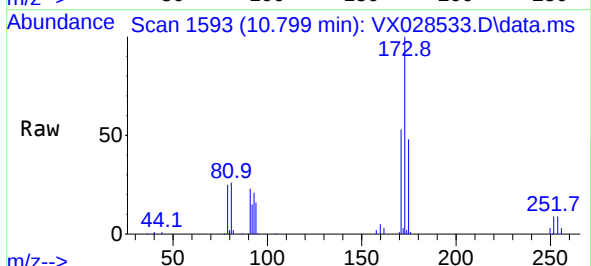
Tgt Ion: 63 Resp: 278772  
Ion Ratio Lower Upper  
63 100  
65 32.6 25.9 38.9  
106 32.8 25.8 38.6

Manual Integrations  
APPROVED

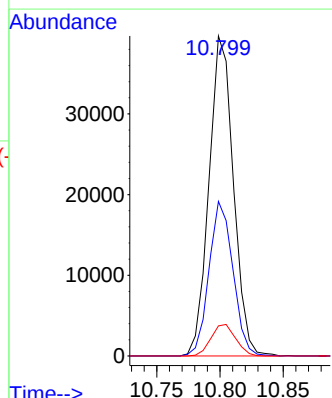
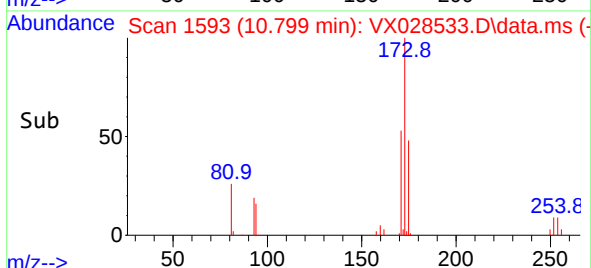
Reviewed By :John Carlone 05/06/2022  
Supervised By :Mahesh Dadoda 05/06/2022

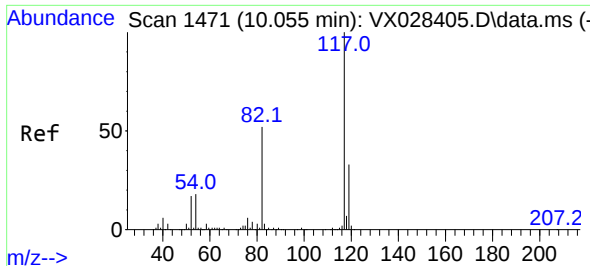


#56  
Bromoform  
Concen: 19.804 ug/l  
RT: 10.799 min Scan# 1593  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51



Tgt Ion:173 Resp: 53295  
Ion Ratio Lower Upper  
173 100  
175 47.3 40.3 60.5  
254 10.0 7.4 11.2





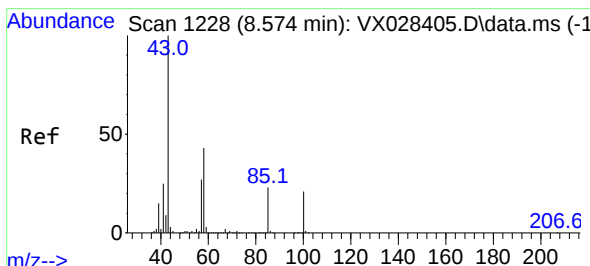
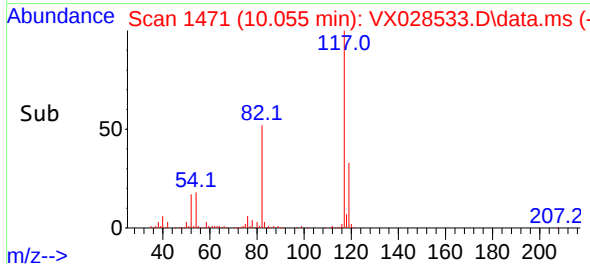
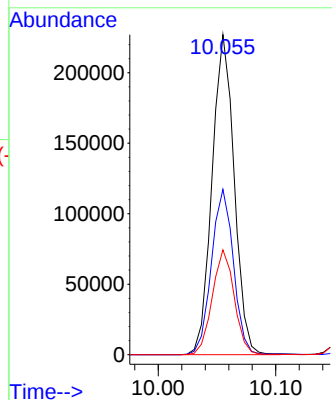
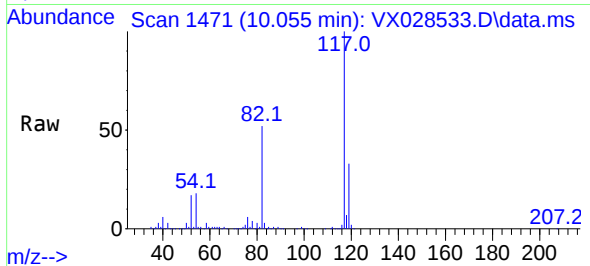
#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0505WBSD01

Tgt Ion:117 Resp: 29716  
Ion Ratio Lower Upper  
117 100  
82 51.4 42.3 63.5  
119 32.5 26.2 39.2

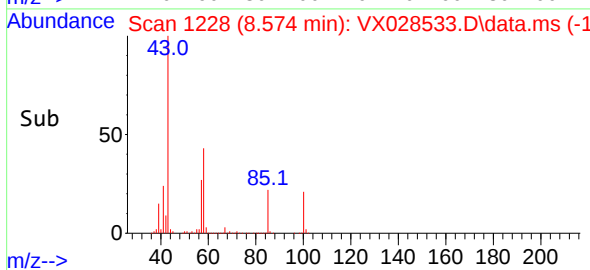
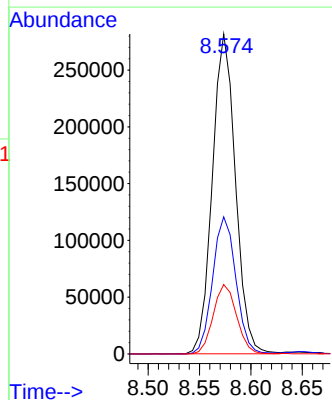
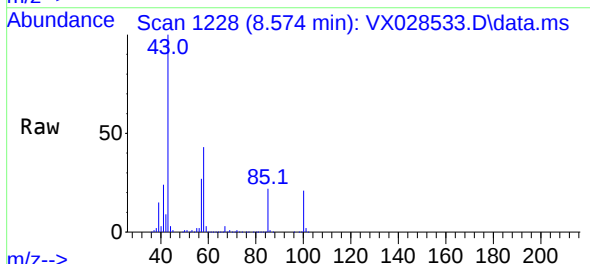
Manual Integrations  
APPROVED

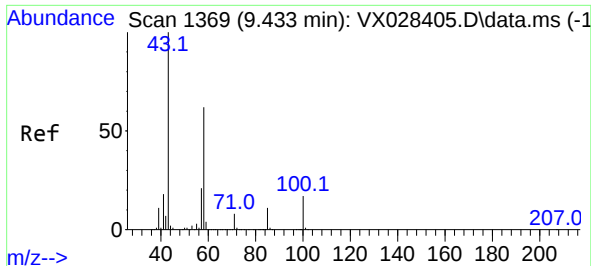
Reviewed By :John Carlone 05/06/2022  
Supervised By :Mahesh Dadoda 05/06/2022



#58  
4-Methyl-2-Pentanone  
Concen: 101.888 ug/l  
RT: 8.574 min Scan# 1228  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51

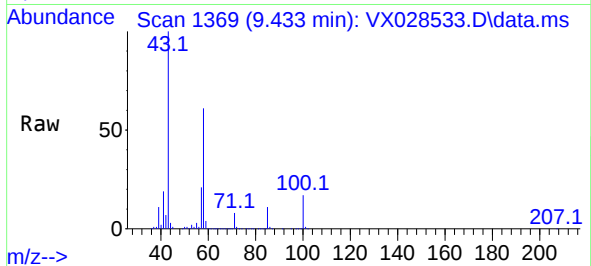
Tgt Ion: 43 Resp: 440454  
Ion Ratio Lower Upper  
43 100  
58 43.3 31.8 47.6  
85 21.9 15.8 23.6





#59  
2-Hexanone  
Concen: 101.969 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51

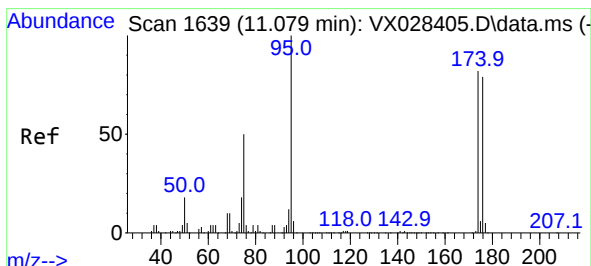
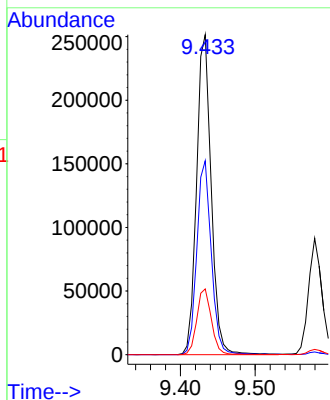
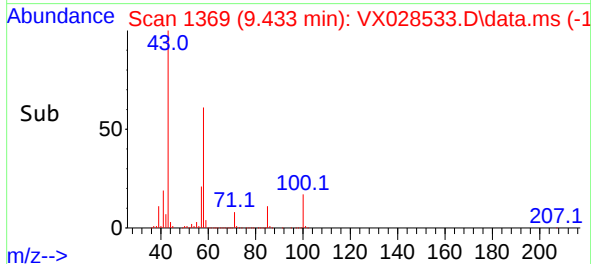
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0505WBSD01



Tgt Ion: 43 Resp: 341158  
Ion Ratio Lower Upper  
43 100  
58 60.0 44.1 66.1  
57 20.4 16.2 24.2

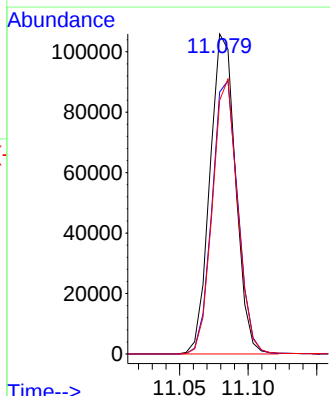
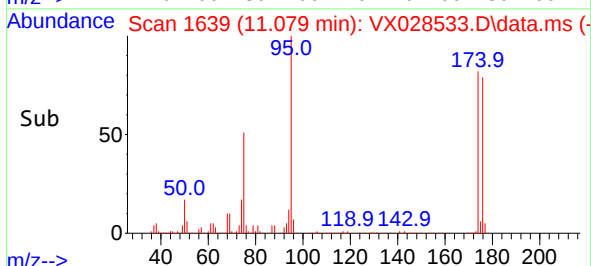
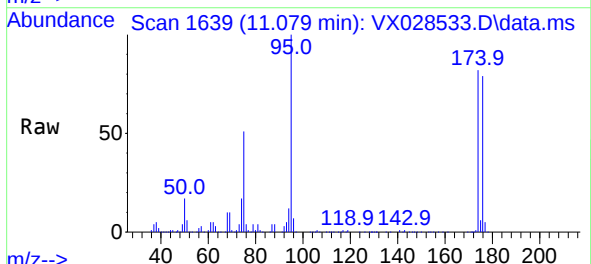
Manual Integrations  
APPROVED

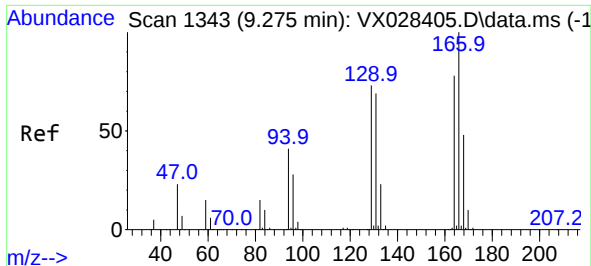
Reviewed By :John Carlone 05/06/2022  
Supervised By :Mahesh Dadoda 05/06/2022



#60  
4-Bromofluorobenzene  
Concen: 29.811 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51

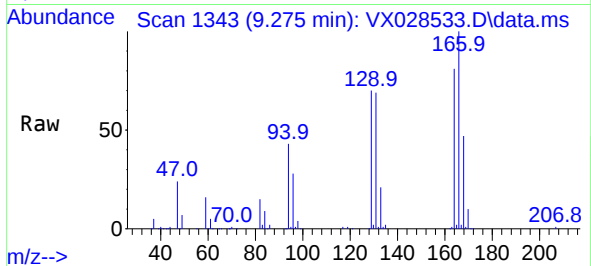
Tgt Ion: 95 Resp: 137765  
Ion Ratio Lower Upper  
95 100  
174 86.0 65.4 98.2  
176 84.2 63.4 95.0





#61  
Tetrachloroethene  
Concen: 19.226 ug/l  
RT: 9.275 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51

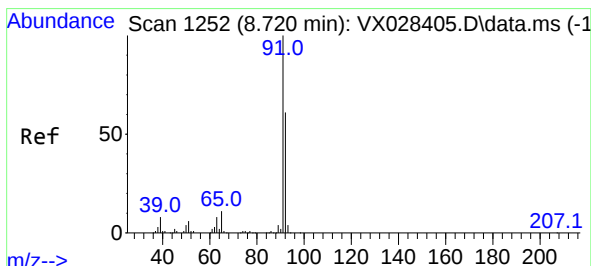
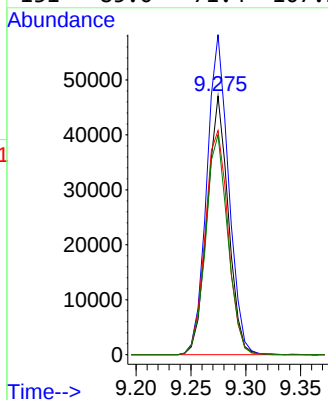
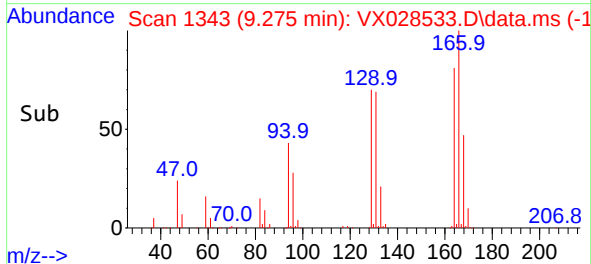
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0505WBSD01



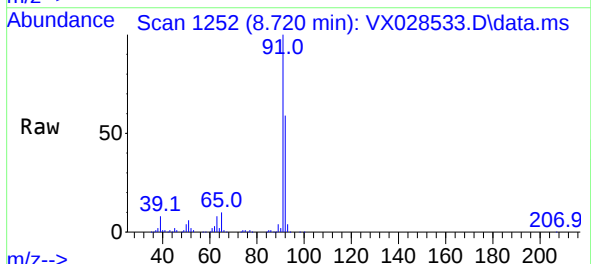
Tgt Ion:164 Resp: 63025  
Ion Ratio Lower Upper  
164 100  
166 123.8 105.0 157.6  
129 86.7 78.5 117.7  
131 85.0 71.4 107.2

Manual Integrations  
APPROVED

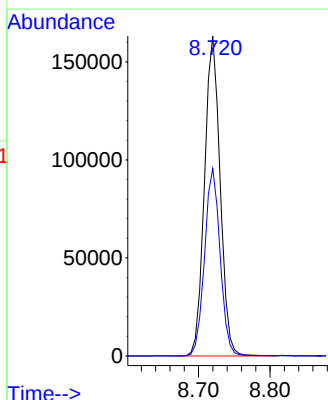
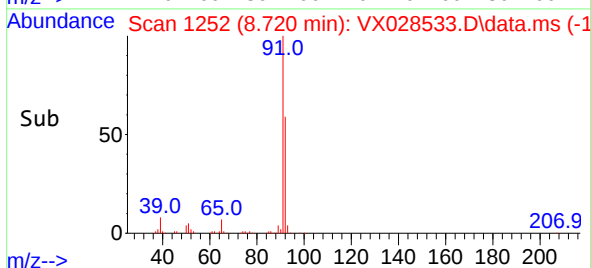
Reviewed By :John Carlone 05/06/2022  
Supervised By :Mahesh Dadoda 05/06/2022

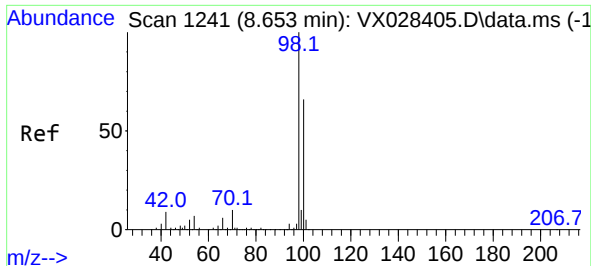


#62  
Toluene  
Concen: 19.248 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51



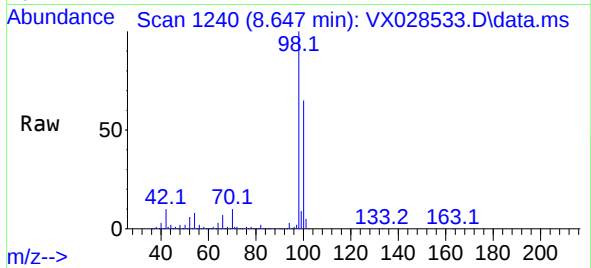
Tgt Ion: 91 Resp: 248070  
Ion Ratio Lower Upper  
91 100  
92 58.2 48.1 72.1





#63  
Toluene-d8  
Concen: 30.306 ug/l  
RT: 8.647 min Scan# 1241  
Delta R.T. -0.006 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51

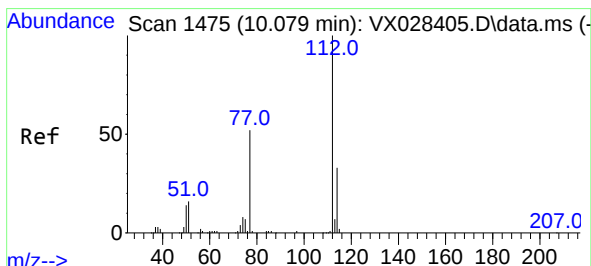
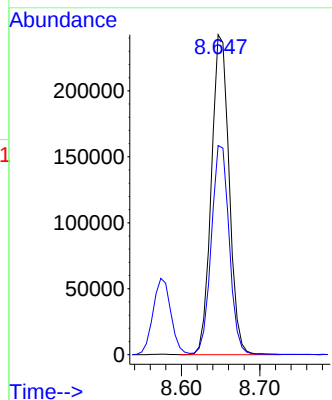
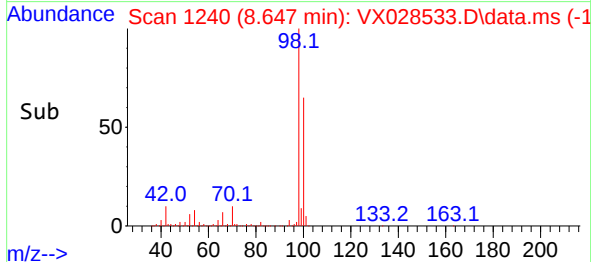
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0505WBSD01



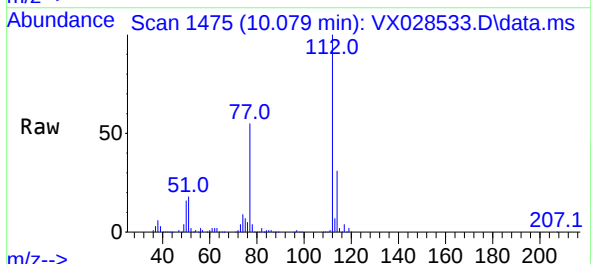
Tgt Ion: 98 Resp: 38151  
Ion Ratio Lower Upper  
98 100  
100 66.1 51.4 77.2

Manual Integrations  
APPROVED

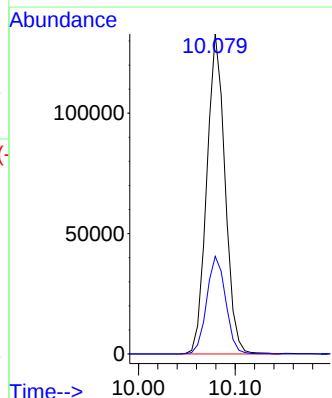
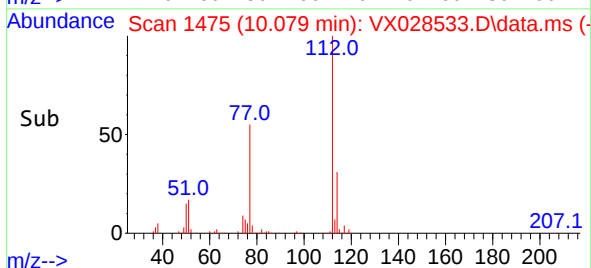
Reviewed By :John Carlone 05/06/2022  
Supervised By :Mahesh Dadoda 05/06/2022

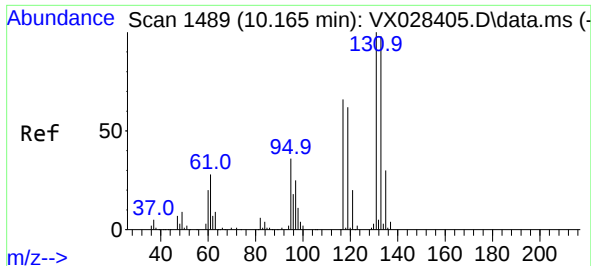


#64  
Chlorobenzene  
Concen: 19.220 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51



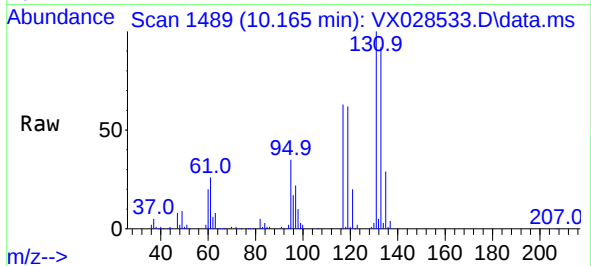
Tgt Ion:112 Resp: 174755  
Ion Ratio Lower Upper  
112 100  
114 30.5 26.0 39.0





#65  
1,1,1,2-Tetrachloroethane  
Concen: 19.305 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51

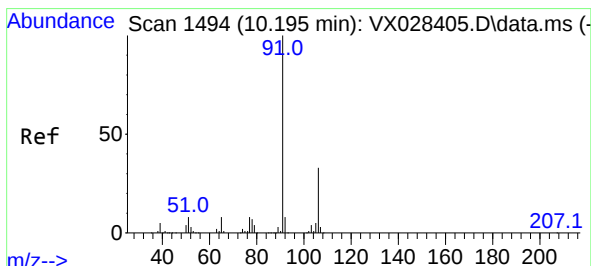
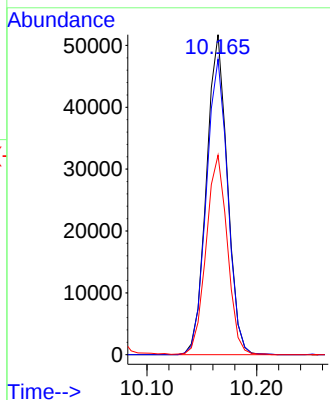
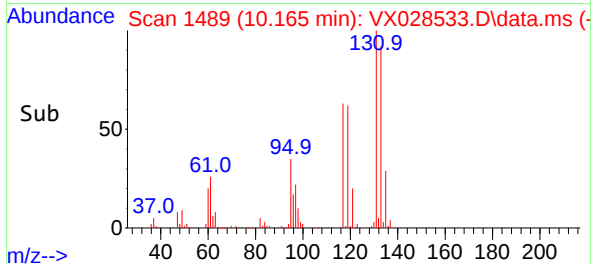
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0505WBSD01



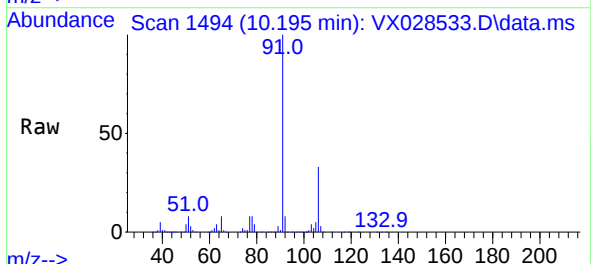
Tgt Ion:131 Resp: 68558  
Ion Ratio Lower Upper  
131 100  
133 94.4 0.0 197.2  
119 62.7 0.0 127.4

Manual Integrations  
APPROVED

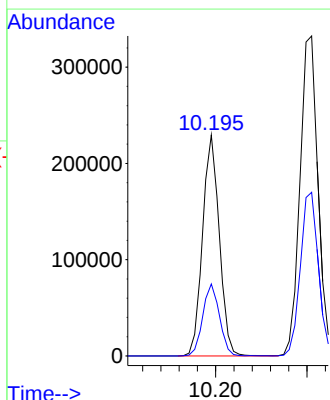
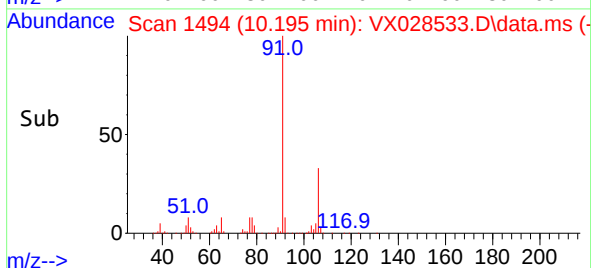
Reviewed By :John Carlone 05/06/2022  
Supervised By :Mahesh Dadoda 05/06/2022

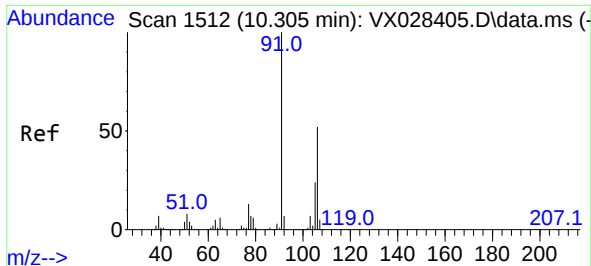


#66  
Ethyl Benzene  
Concen: 19.169 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51



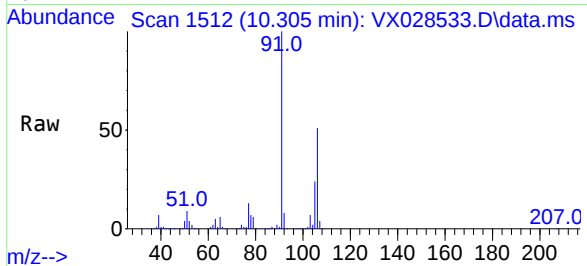
Tgt Ion: 91 Resp: 291277  
Ion Ratio Lower Upper  
91 100  
106 32.6 25.8 38.8





#67  
m/p-Xylenes  
Concen: 38.382 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51

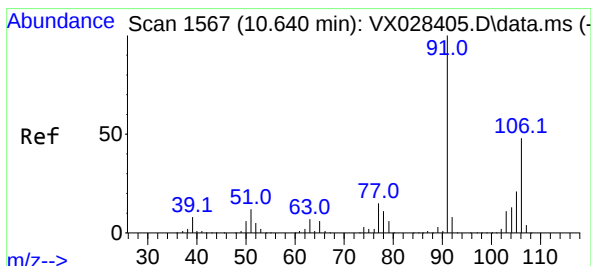
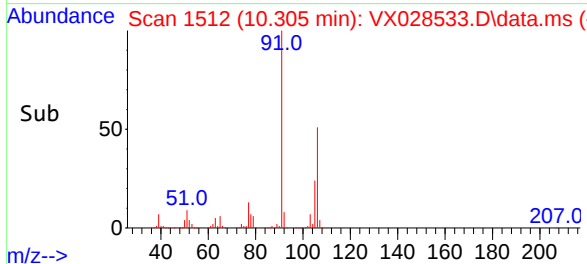
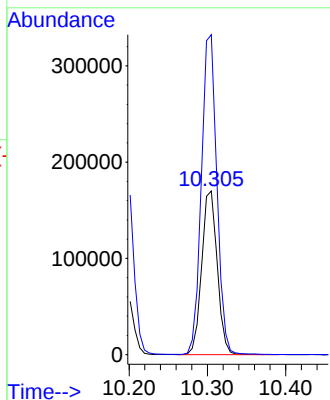
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0505WBSD01



Tgt Ion:106 Resp: 233790  
Ion Ratio Lower Upper  
106 100  
91 194.1 159.5 239.3

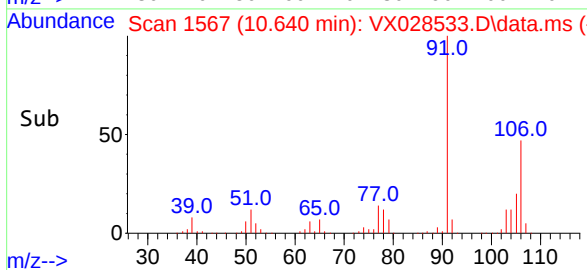
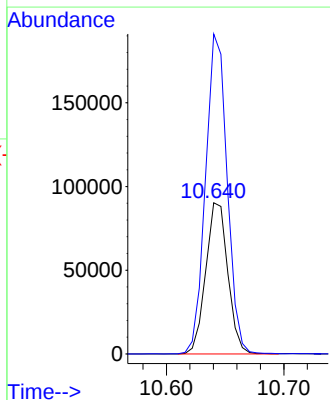
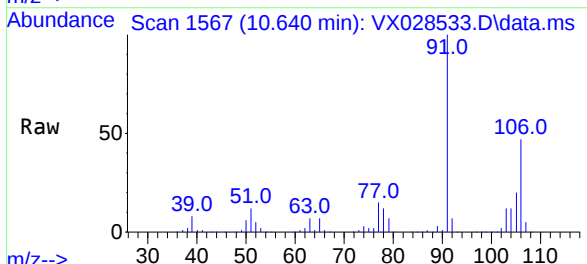
Manual Integrations  
APPROVED

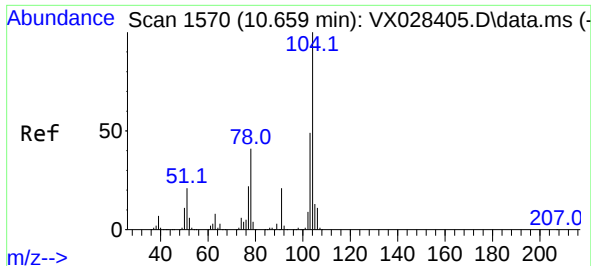
Reviewed By :John Carlone 05/06/2022  
Supervised By :Mahesh Dadoda 05/06/2022



#68  
o-Xylene  
Concen: 19.094 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51

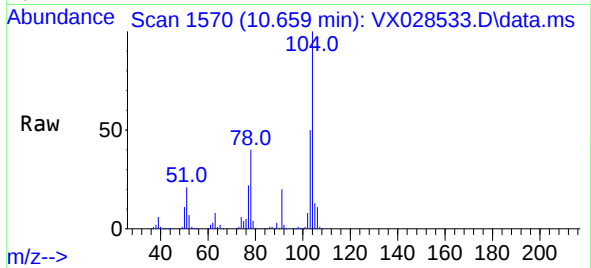
Tgt Ion:106 Resp: 118199  
Ion Ratio Lower Upper  
106 100  
91 206.6 105.4 316.2





#69  
Styrene  
Concen: 19.029 ug/l  
RT: 10.659 min Scan# 1570  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51

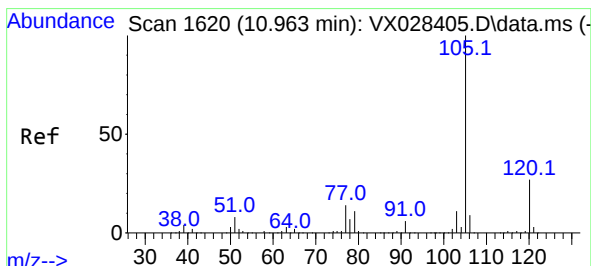
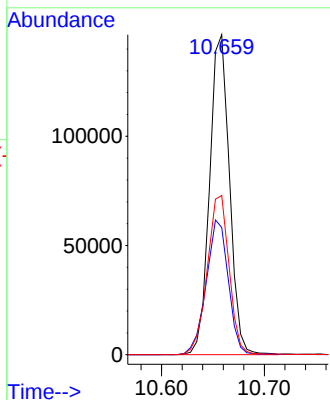
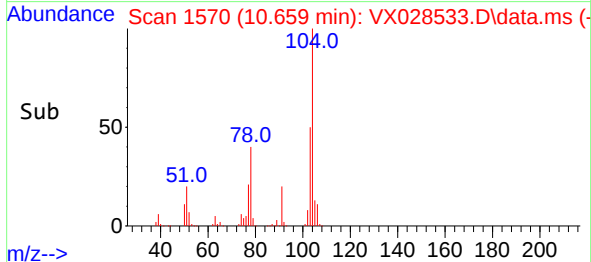
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0505WBSD01



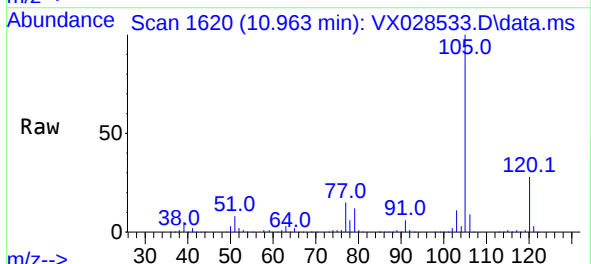
Tgt Ion:104 Resp: 196740  
Ion Ratio Lower Upper  
104 100  
78 46.8 39.7 59.5  
103 54.8 42.7 64.1

Manual Integrations  
APPROVED

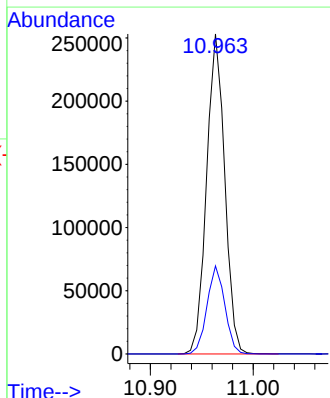
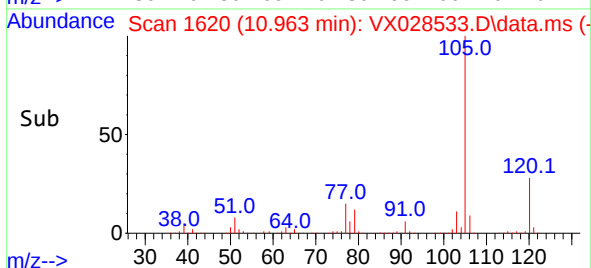
Reviewed By :John Carlone 05/06/2022  
Supervised By :Mahesh Dadoda 05/06/2022

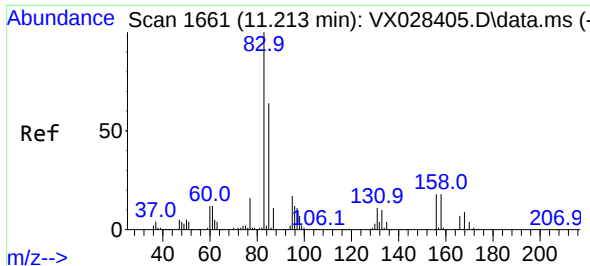


#70  
Isopropylbenzene  
Concen: 19.247 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51



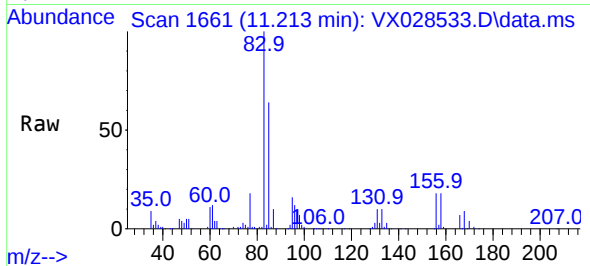
Tgt Ion:105 Resp: 309981  
Ion Ratio Lower Upper  
105 100  
120 27.0 18.8 34.8





#71  
1,1,2,2-Tetrachloroethane  
Concen: 20.213 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51

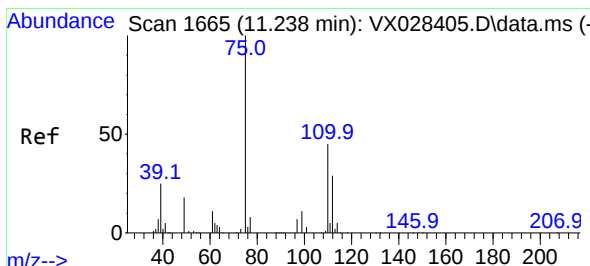
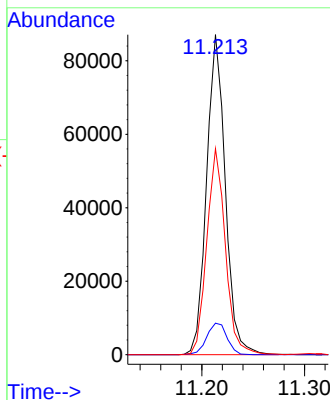
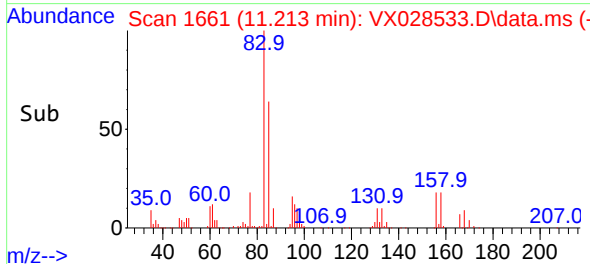
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0505WBSD01



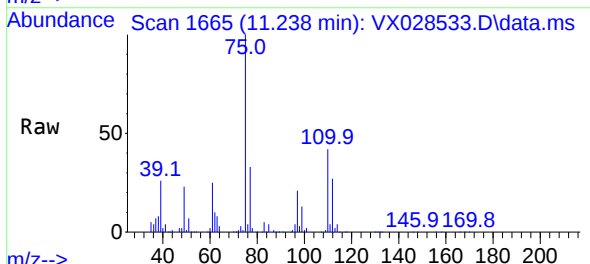
Tgt Ion: 83 Resp: 110530  
Ion Ratio Lower Upper  
83 100  
131 10.7 5.8 17.3  
85 64.0 32.0 96.2

Manual Integrations  
APPROVED

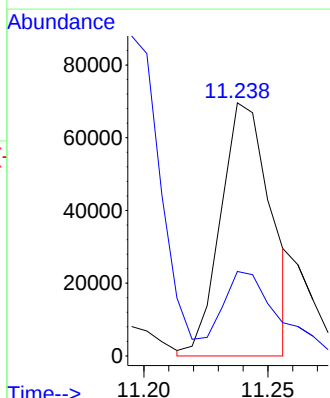
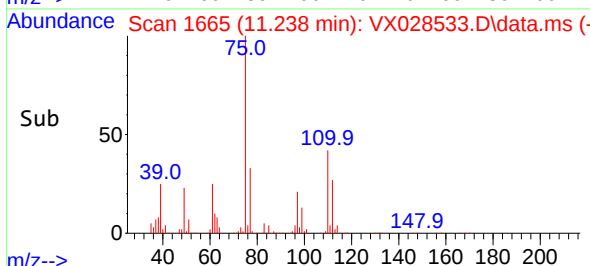
Reviewed By :John Carlone 05/06/2022  
Supervised By :Mahesh Dadoda 05/06/2022

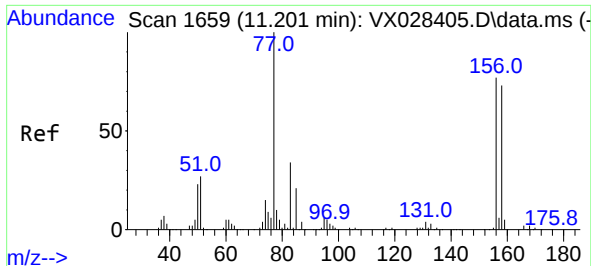


#72  
1,2,3-Trichloropropane  
Concen: 20.096 ug/l m  
RT: 11.238 min Scan# 1665  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51



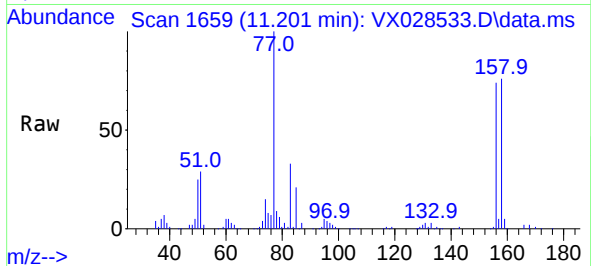
Tgt Ion: 75 Resp: 97778  
Ion Ratio Lower Upper  
75 100  
77 38.6 0.0 78.6





#73  
Bromobenzene  
Concen: 18.537 ug/l  
RT: 11.201 min Scan# 1659  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51

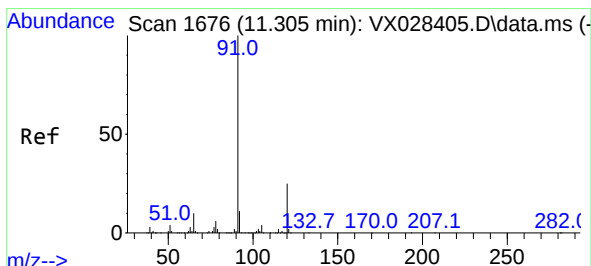
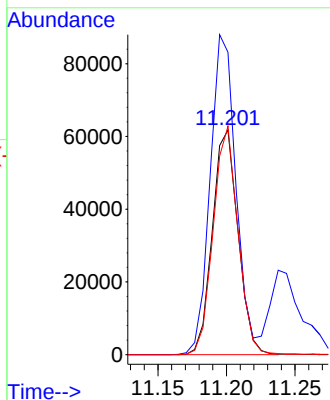
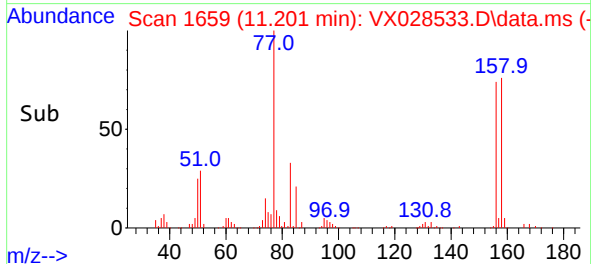
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0505WBSD01



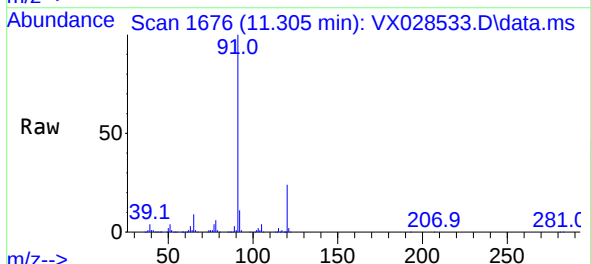
Tgt Ion:156 Resp: 80499  
Ion Ratio Lower Upper  
156 100  
77 141.8 0.0 297.6  
158 97.8 0.0 188.4

Manual Integrations  
APPROVED

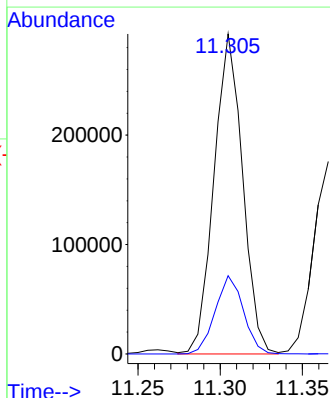
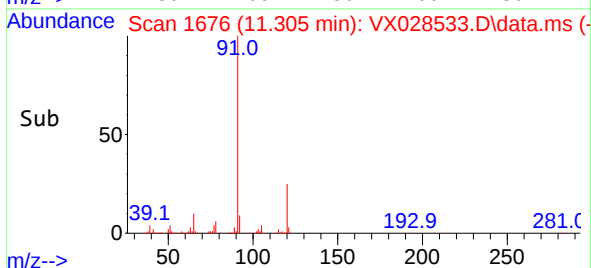
Reviewed By :John Carlone 05/06/2022  
Supervised By :Mahesh Dadoda 05/06/2022

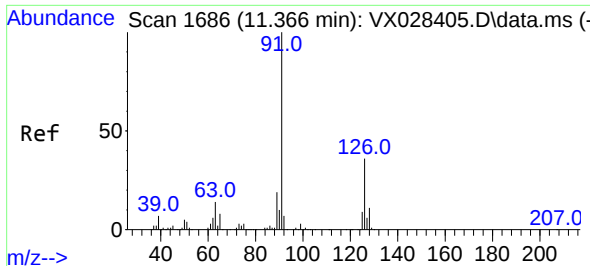


#74  
n-propylbenzene  
Concen: 19.646 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51



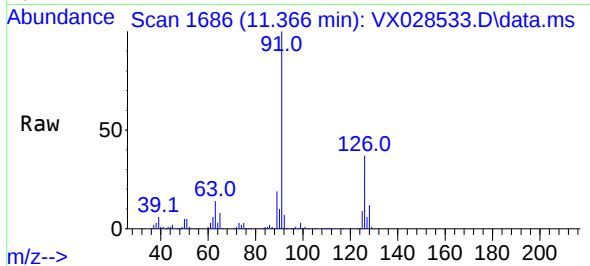
Tgt Ion: 91 Resp: 352801  
Ion Ratio Lower Upper  
91 100  
120 24.1 0.0 48.0





#75  
2-Chlorotoluene  
Concen: 19.292 ug/l  
RT: 11.366 min Scan# 1100  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51

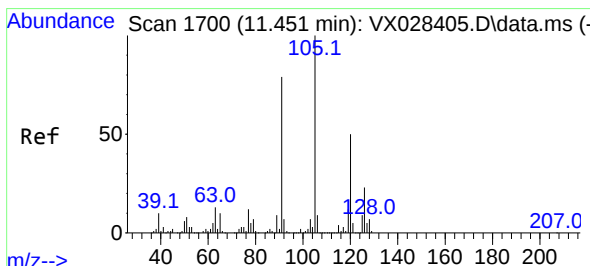
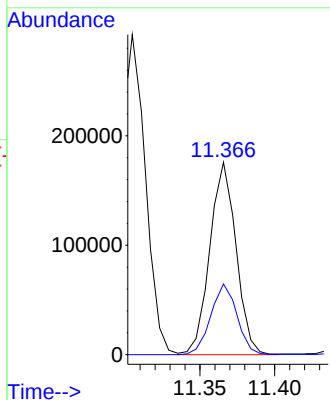
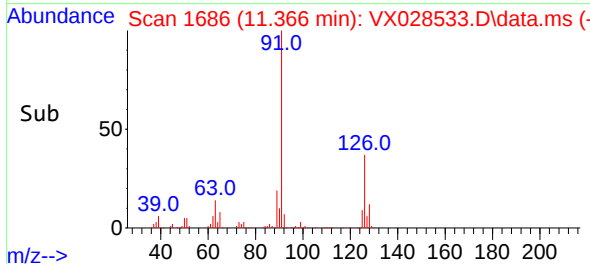
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0505WBSD01



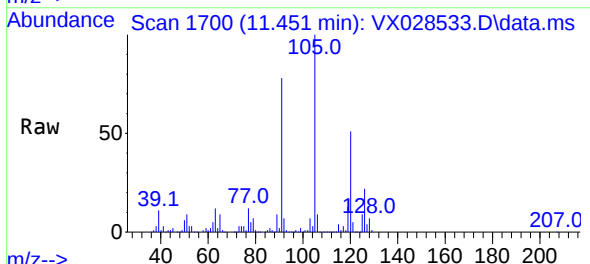
Tgt Ion: 91 Resp: 214604  
Ion Ratio Lower Upper  
91 100  
126 36.7 0.0 68.6

Manual Integrations  
APPROVED

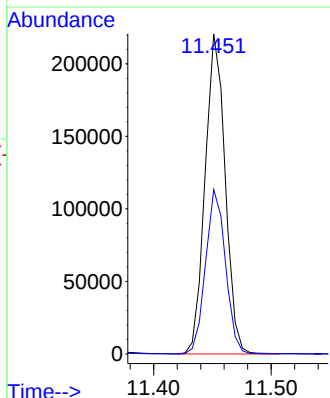
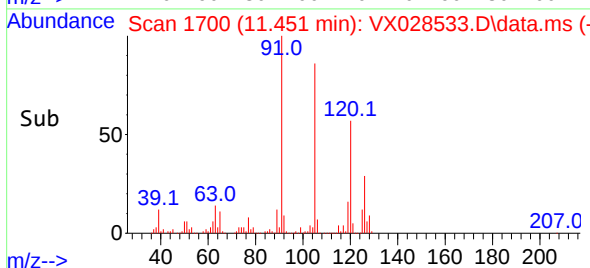
Reviewed By :John Carlone 05/06/2022  
Supervised By :Mahesh Dadoda 05/06/2022

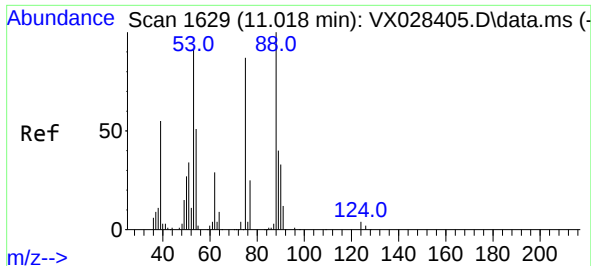


#76  
1,3,5-Trimethylbenzene  
Concen: 19.418 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51



Tgt Ion:105 Resp: 262238  
Ion Ratio Lower Upper  
105 100  
120 50.9 0.0 98.0





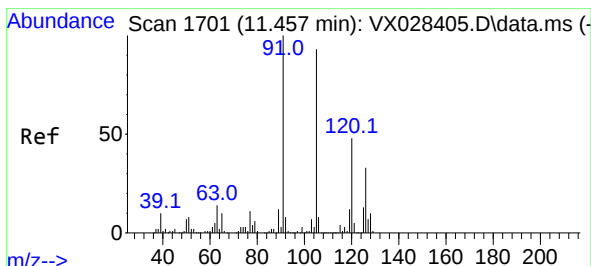
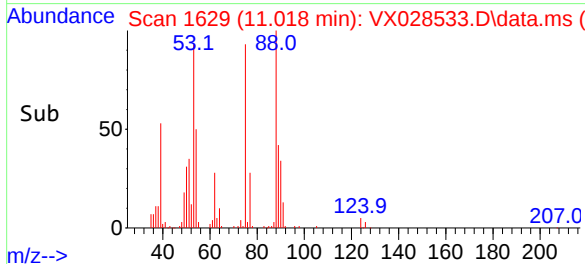
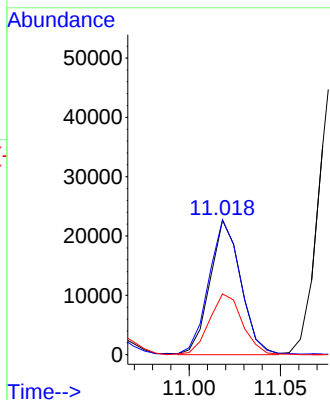
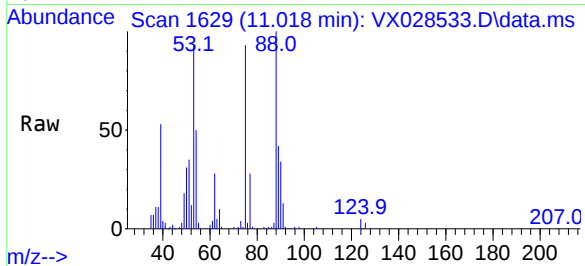
#77  
t-1,4-Dichloro-2-butene  
Concen: 18.075 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0505WBSD01

Tgt Ion: 75 Resp: 26629  
Ion Ratio Lower Upper  
75 100  
53 100.6 59.7 179.1  
89 45.1 23.1 69.2

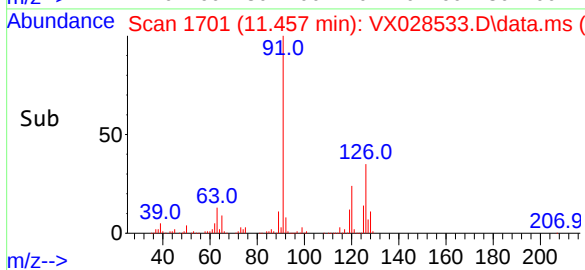
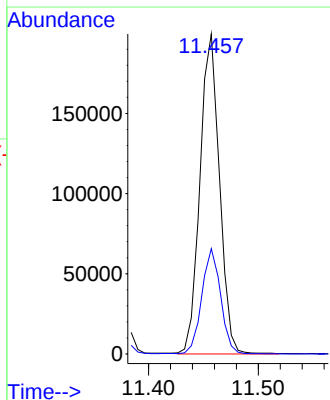
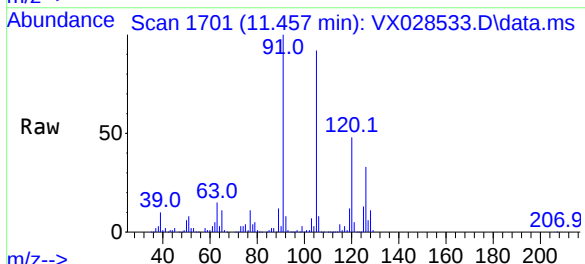
Manual Integrations  
APPROVED

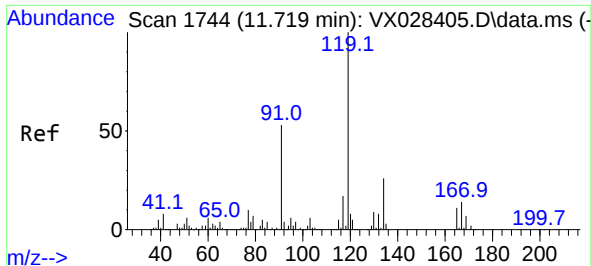
Reviewed By :John Carlone 05/06/2022  
Supervised By :Mahesh Dadoda 05/06/2022



#78  
4-Chlorotoluene  
Concen: 19.620 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51

Tgt Ion: 91 Resp: 246870  
Ion Ratio Lower Upper  
91 100  
126 31.7 0.0 59.8





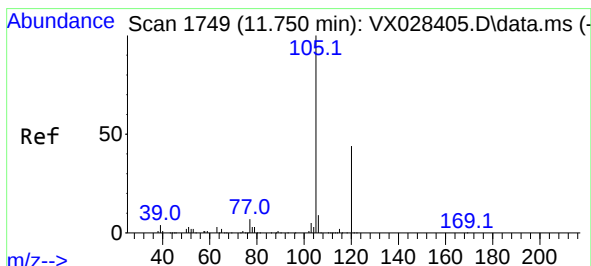
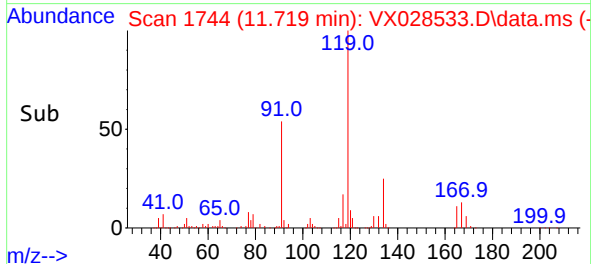
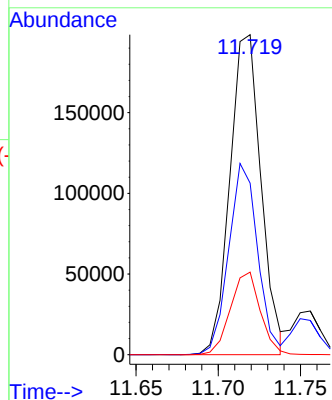
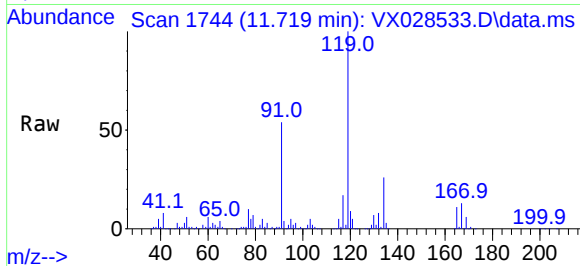
#79  
tert-butylbenzene  
Concen: 19.117 ug/l  
RT: 11.719 min Scan# 1744  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0505WBSD01

Tgt Ion:119 Resp: 261915  
Ion Ratio Lower Upper  
119 100  
91 55.7 0.0 119.4  
134 24.8 0.0 48.4

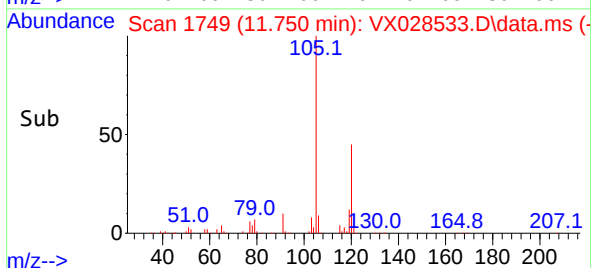
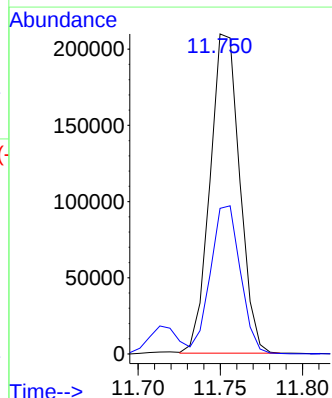
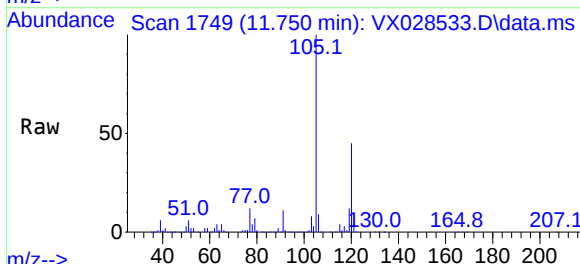
Manual Integrations  
APPROVED

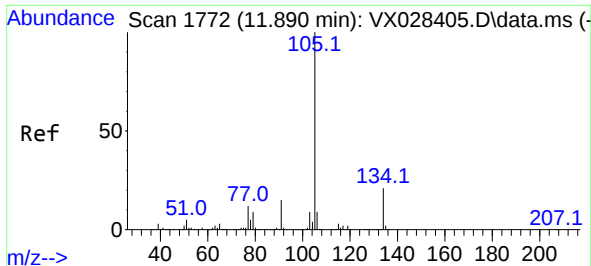
Reviewed By :John Carlone 05/06/2022  
Supervised By :Mahesh Dadoda 05/06/2022



#80  
1,2,4-Trimethylbenzene  
Concen: 19.403 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51

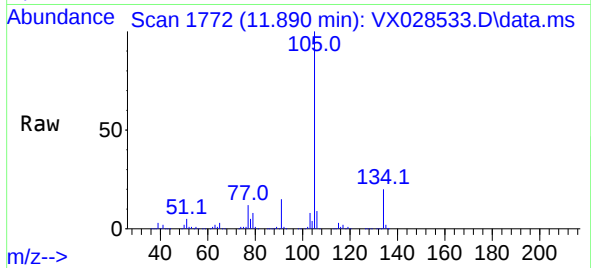
Tgt Ion:105 Resp: 263029  
Ion Ratio Lower Upper  
105 100  
120 47.0 0.0 89.6





#81  
 sec-Butylbenzene  
 Concen: 19.882 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. -0.000 min  
 Lab File: VX028533.D  
 Acq: 05 May 2022 14:51

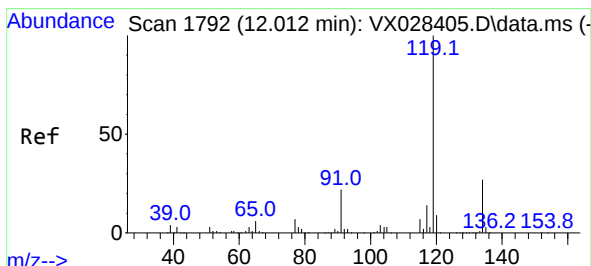
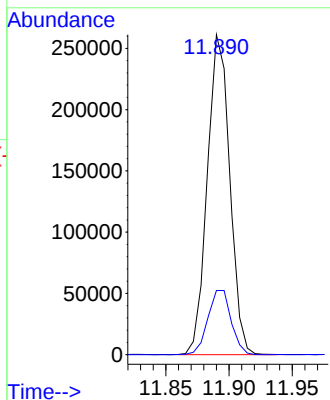
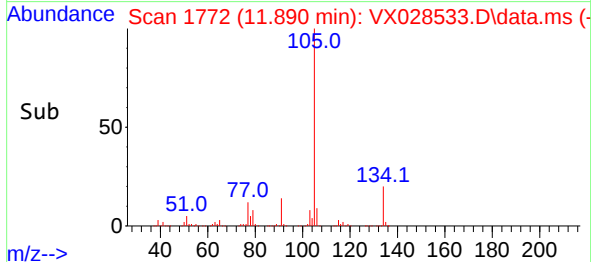
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0505WBSD01



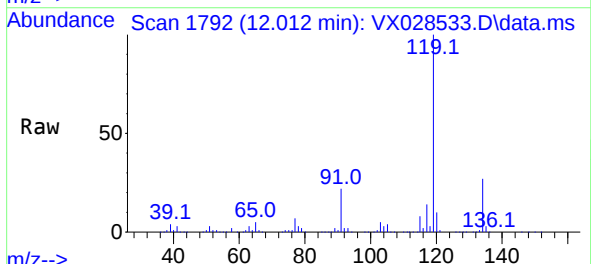
Tgt Ion:105 Resp: 322889  
 Ion Ratio Lower Upper  
 105 100  
 134 20.9 0.0 41.2

Manual Integrations  
 APPROVED

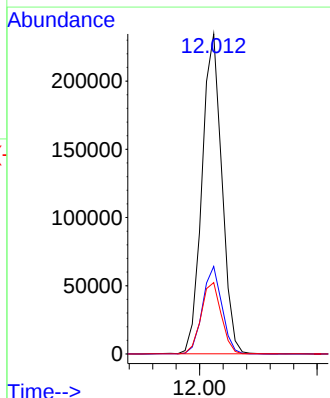
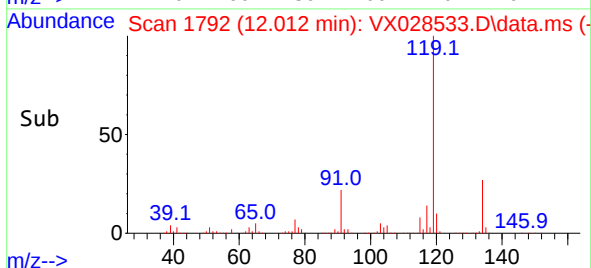
Reviewed By :John Carlone 05/06/2022  
 Supervised By :Mahesh Dadoda 05/06/2022

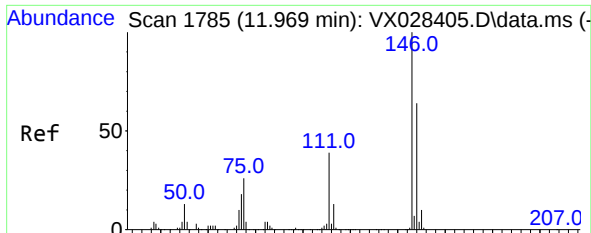


#82  
 p-Isopropyltoluene  
 Concen: 19.489 ug/l  
 RT: 12.012 min Scan# 1792  
 Delta R.T. -0.000 min  
 Lab File: VX028533.D  
 Acq: 05 May 2022 14:51



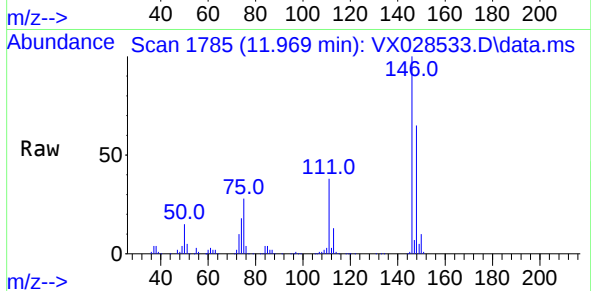
Tgt Ion:119 Resp: 274723  
 Ion Ratio Lower Upper  
 119 100  
 134 26.7 0.0 52.4  
 91 22.8 0.0 47.2





#83  
1,3-Dichlorobenzene  
Concen: 18.995 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51

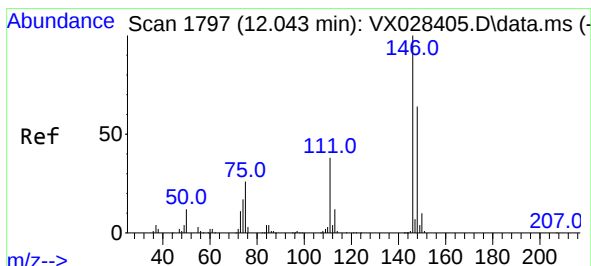
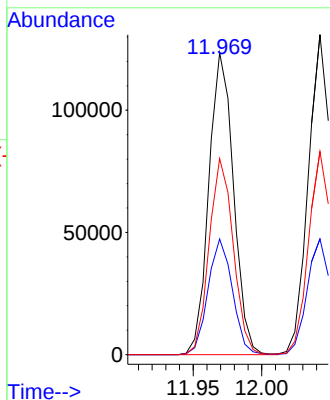
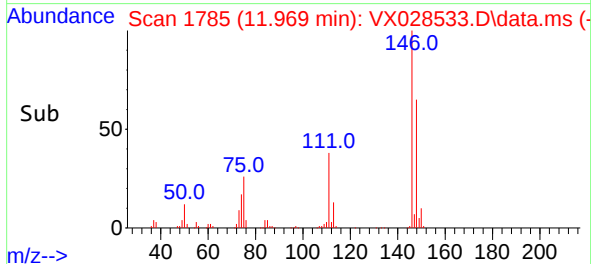
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0505WBSD01



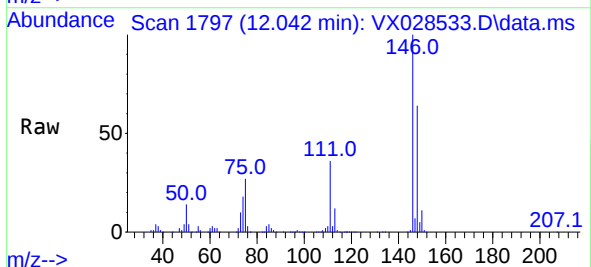
Tgt Ion:146 Resp: 154711  
Ion Ratio Lower Upper  
146 100  
111 38.0 19.8 59.4  
148 63.7 31.6 94.8

Manual Integrations  
APPROVED

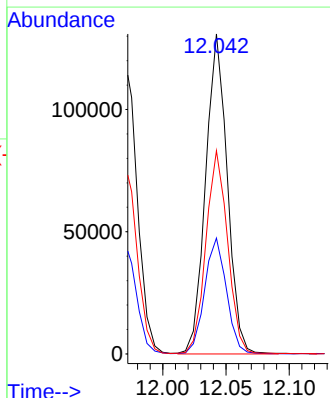
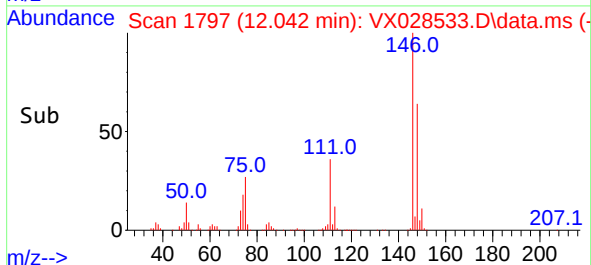
Reviewed By :John Carlone 05/06/2022  
Supervised By :Mahesh Dadoda 05/06/2022

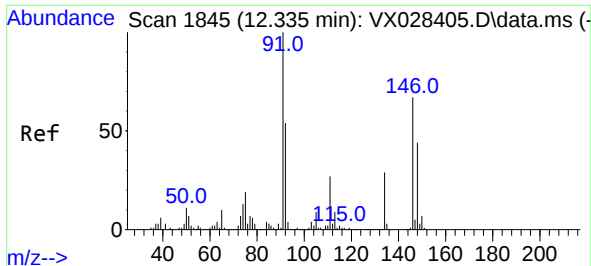


#84  
1,4-Dichlorobenzene  
Concen: 18.859 ug/l  
RT: 12.042 min Scan# 1797  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51



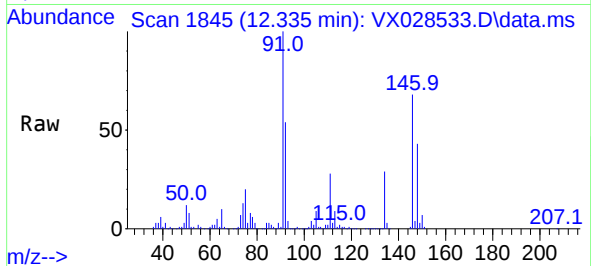
Tgt Ion:146 Resp: 156171  
Ion Ratio Lower Upper  
146 100  
111 36.6 19.2 57.6  
148 63.3 32.3 96.8





#85  
n-Butylbenzene  
Concen: 19.542 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51

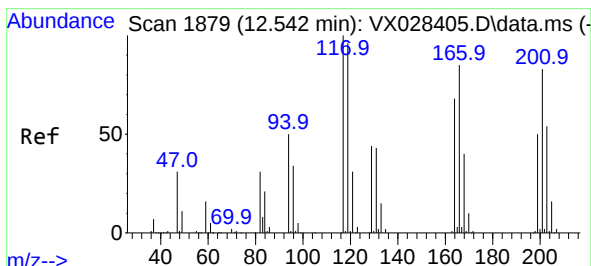
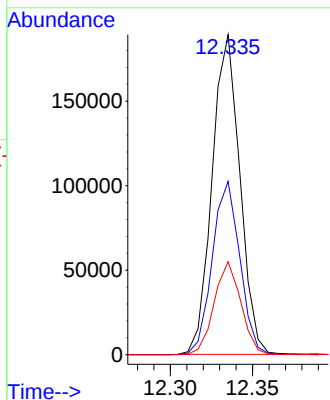
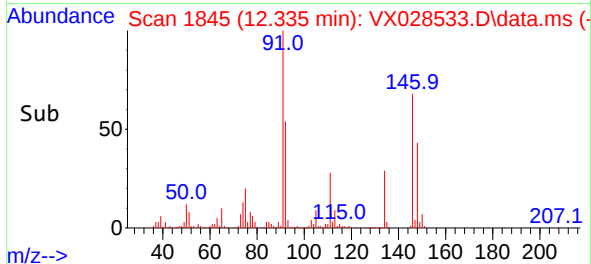
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0505WBSD01



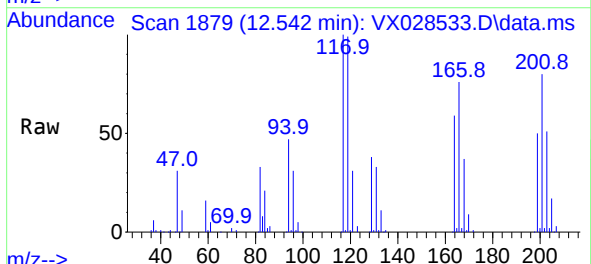
Tgt Ion: 91 Resp: 22232  
Ion Ratio Lower Upper  
91 100  
92 53.7 0.0 109.4  
134 28.0 0.0 56.4

Manual Integrations  
APPROVED

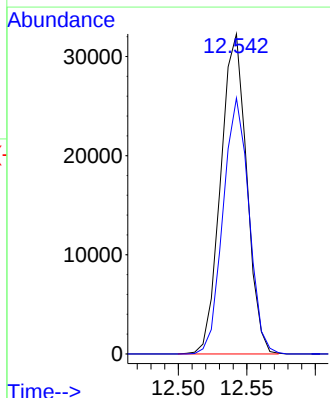
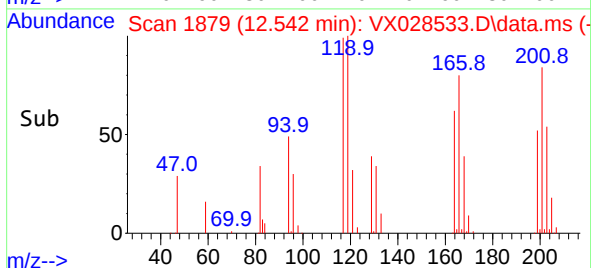
Reviewed By :John Carlone 05/06/2022  
Supervised By :Mahesh Dadoda 05/06/2022

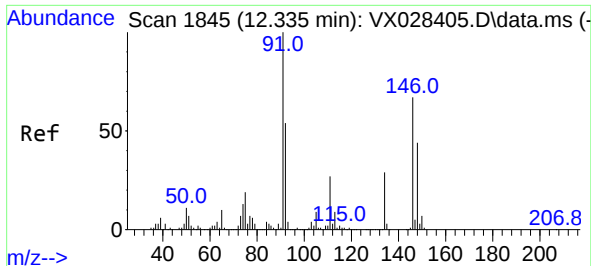


#86  
Hexachloroethane  
Concen: 19.230 ug/l  
RT: 12.542 min Scan# 1879  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51



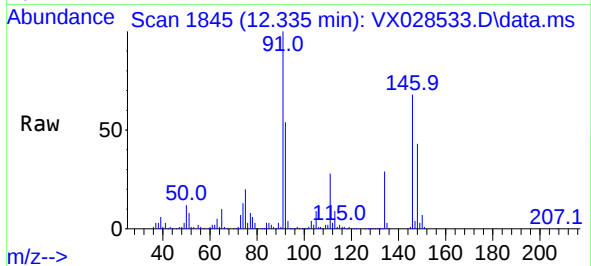
Tgt Ion:117 Resp: 42656  
Ion Ratio Lower Upper  
117 100  
201 79.1 39.5 118.5





#87  
1,2-Dichlorobenzene  
Concen: 19.141 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51

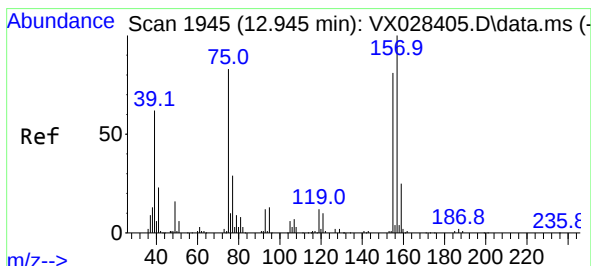
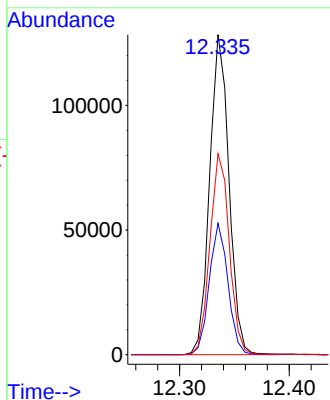
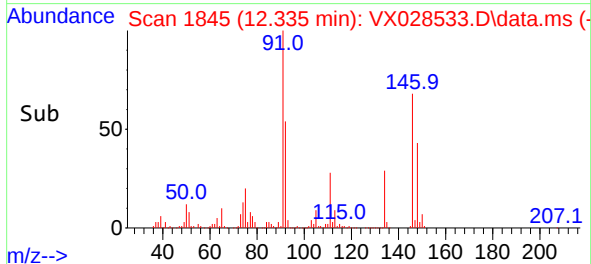
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0505WBSD01



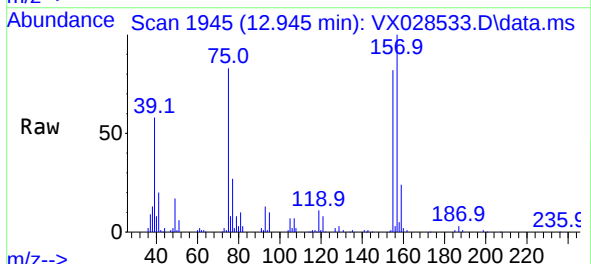
Tgt Ion:146 Resp: 15701  
Ion Ratio Lower Upper  
146 100  
111 39.9 21.1 63.3  
148 63.1 31.4 94.2

Manual Integrations  
APPROVED

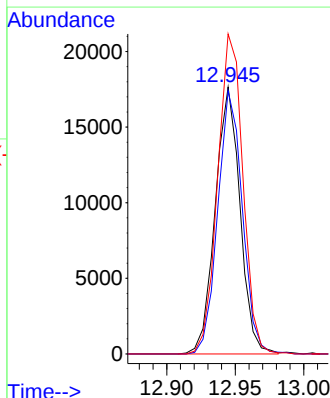
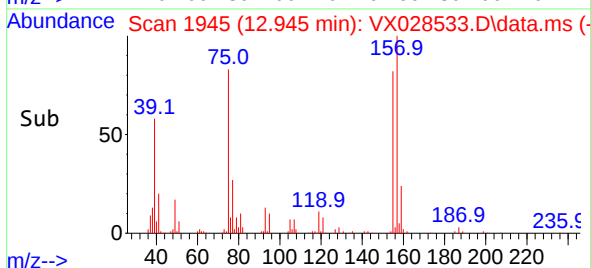
Reviewed By :John Carlone 05/06/2022  
Supervised By :Mahesh Dadoda 05/06/2022

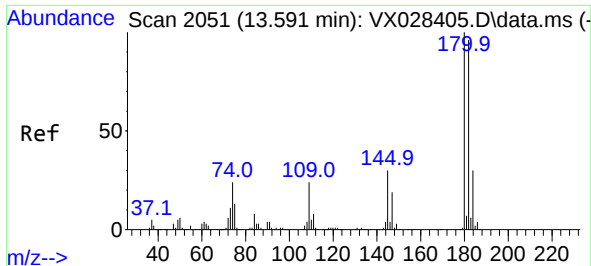


#88  
1,2-Dibromo-3-Chloropropane  
Concen: 18.950 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51



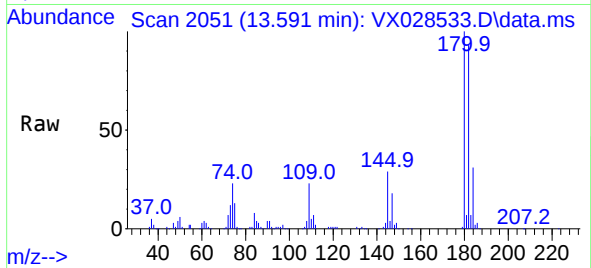
Tgt Ion: 75 Resp: 22134  
Ion Ratio Lower Upper  
75 100  
155 97.8 74.3 111.5  
157 122.4 97.3 145.9





#89  
1,2,4-Trichlorobenzene  
Concen: 18.440 ug/l  
RT: 13.591 min Scan# 2051  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51

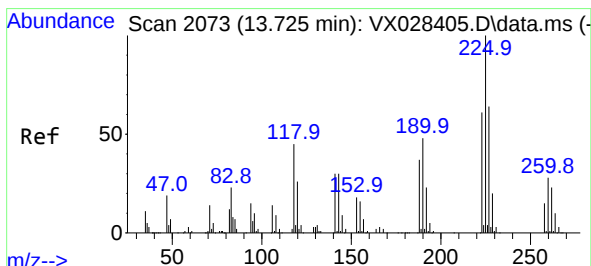
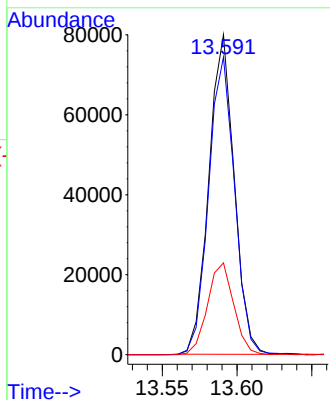
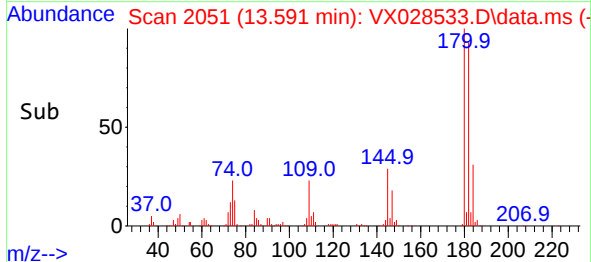
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0505WBSD01



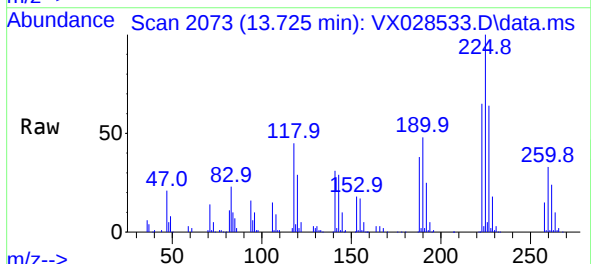
Tgt Ion:180 Resp: 94480  
Ion Ratio Lower Upper  
180 100  
182 95.3 77.4 116.2  
145 29.6 24.2 36.4

Manual Integrations  
APPROVED

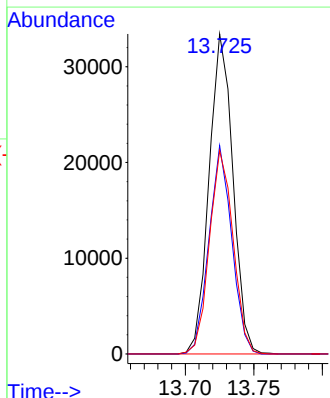
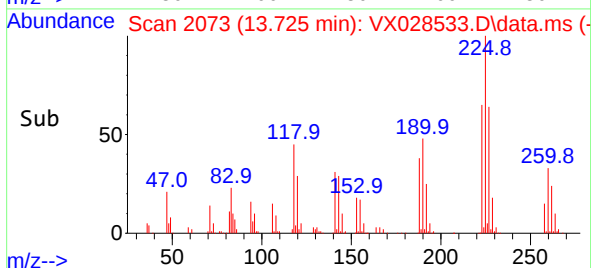
Reviewed By :John Carlone 05/06/2022  
Supervised By :Mahesh Dadoda 05/06/2022

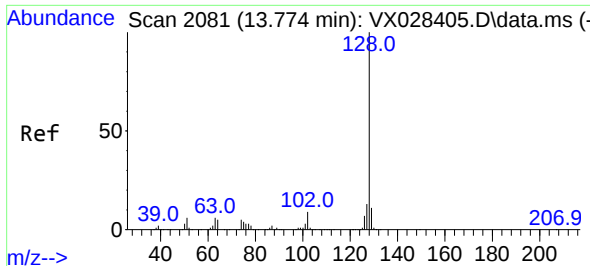


#90  
Hexachlorobutadiene  
Concen: 18.601 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51



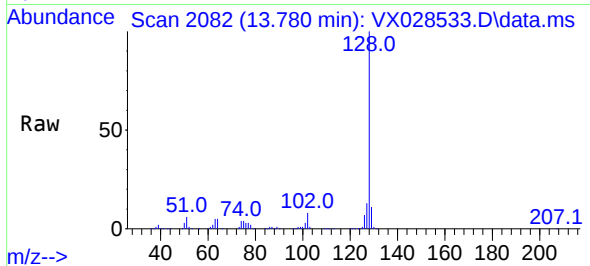
Tgt Ion:225 Resp: 40405  
Ion Ratio Lower Upper  
225 100  
223 62.5 0.0 126.0  
227 63.1 0.0 125.0





#91  
Naphthalene  
Concen: 17.972 ug/l  
RT: 13.780 min Scan# 2081  
Delta R.T. 0.006 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51

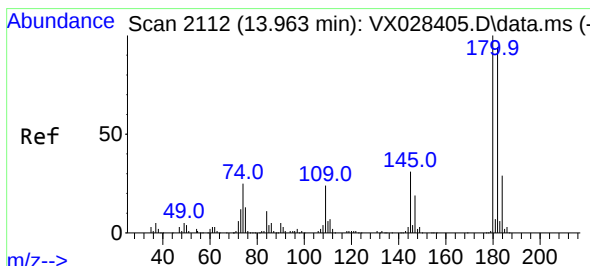
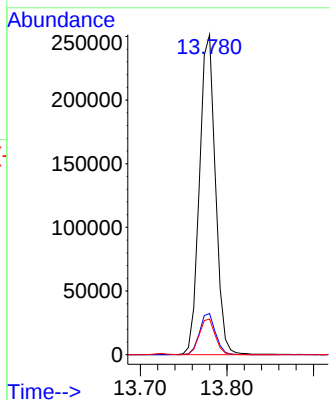
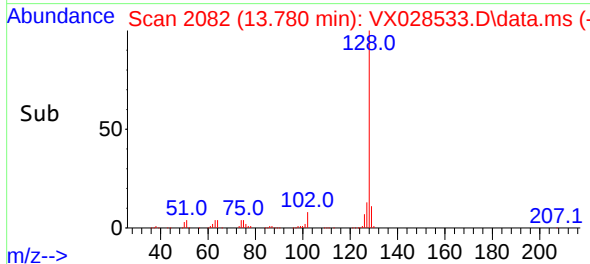
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0505WBSD01



Tgt Ion:128 Resp: 321792  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.0 15.0  
129 11.2 8.8 13.2

Manual Integrations  
APPROVED

Reviewed By :John Carlone 05/06/2022  
Supervised By :Mahesh Dadoda 05/06/2022



#92  
1,2,3-Trichlorobenzene  
Concen: 18.170 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. -0.000 min  
Lab File: VX028533.D  
Acq: 05 May 2022 14:51

Tgt Ion:180 Resp: 93324  
Ion Ratio Lower Upper  
180 100  
182 97.6 0.0 189.4  
145 33.0 0.0 67.2

