

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN062723\  
 Data File : VN078429.D  
 Acq On : 27 Jun 2023 20:17  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Jun 28 07:16:54 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N060623W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 07 05:05:00 2023  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 06/28/2023  
 Supervised By : Mahesh Dadoda 06/28/2023

| Compound                     | R.T.           | QIon | Response            | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|---------------------|---------|--------|----------|
| -----                        |                |      |                     |         |        |          |
| Internal Standards           |                |      |                     |         |        |          |
| 1) Pentafluorobenzene        | 8.230          | 168  | 423276              | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.106          | 114  | 749369              | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.871         | 117  | 660291              | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.794         | 152  | 259884              | 50.000  | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |                     |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.583          | 65   | 286344              | 50.738  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 74 - 125 |      | Recovery = 101.480% |         |        |          |
| 35) Dibromofluoromethane     | 8.177          | 113  | 262144              | 55.326  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = 110.660% |         |        |          |
| 50) Toluene-d8               | 10.571         | 98   | 923151              | 50.539  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 86 - 113 |      | Recovery = 101.080% |         |        |          |
| 62) 4-Bromofluorobenzene     | 12.853         | 95   | 296411              | 52.199  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = 104.400% |         |        |          |
| Target Compounds             |                |      |                     |         |        |          |
|                              |                |      |                     |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.136          | 85   | 194955              | 40.746  | ug/l   | 99       |
| 3) Chloromethane             | 2.371          | 50   | 230355              | 51.220  | ug/l   | 99       |
| 4) Vinyl Chloride            | 2.518          | 62   | 314901              | 50.261  | ug/l   | 100      |
| 5) Bromomethane              | 2.942          | 94   | 230462              | 48.673  | ug/l   | 100      |
| 6) Chloroethane              | 3.118          | 64   | 290003              | 67.900  | ug/l   | 96       |
| 7) Trichlorofluoromethane    | 3.501          | 101  | 612707              | 72.115  | ug/l   | 97       |
| 8) Diethyl Ether             | 3.965          | 74   | 212278              | 71.107  | ug/l   | 79       |
| 9) 1,1,2-Trichlorotrifluo... | 4.383          | 101  | 324246              | 72.313  | ug/l   | 97       |
| 10) Methyl Iodide            | 4.600          | 142  | 462955              | 73.008  | ug/l   | 98       |
| 11) Tert butyl alcohol       | 5.536          | 59   | 286222              | 367.300 | ug/l   | 99       |
| 12) 1,1-Dichloroethene       | 4.348          | 96   | 316482              | 68.470  | ug/l   | 88       |
| 13) Acrolein                 | 4.189          | 56   | 366928              | 427.234 | ug/l   | 96       |
| 14) Allyl chloride           | 5.036          | 41   | 449357              | 79.641  | ug/l   | 91       |
| 15) Acrylonitrile            | 5.736          | 53   | 759752              | 378.165 | ug/l   | 98       |
| 16) Acetone                  | 4.442          | 43   | 641305              | 394.789 | ug/l   | 91       |
| 17) Carbon Disulfide         | 4.718          | 76   | 791513              | 66.530  | ug/l   | 99       |
| 18) Methyl Acetate           | 5.036          | 43   | 579834              | 77.530  | ug/l   | 88       |
| 19) Methyl tert-butyl Ether  | 5.806          | 73   | 1069252             | 72.504  | ug/l   | 97       |
| 20) Methylene Chloride       | 5.289          | 84   | 368926              | 68.727  | ug/l   | 89       |
| 21) trans-1,2-Dichloroethene | 5.794          | 96   | 328470              | 65.888  | ug/l # | 82       |
| 22) Diisopropyl ether        | 6.683          | 45   | 739827              | 55.743  | ug/l   | 96       |
| 23) Vinyl Acetate            | 6.612          | 43   | 2199458             | 278.785 | ug/l # | 89       |
| 24) 1,1-Dichloroethane       | 6.577          | 63   | 466121              | 53.239  | ug/l   | 96       |
| 25) 2-Butanone               | 7.494          | 43   | 686398              | 274.777 | ug/l # | 87       |
| 26) 2,2-Dichloropropane      | 7.500          | 77   | 365662              | 56.563  | ug/l   | 98       |
| 27) cis-1,2-Dichloroethene   | 7.488          | 96   | 298634              | 50.220  | ug/l   | 95       |
| 28) Bromochloromethane       | 7.818          | 49   | 212832              | 52.945  | ug/l   | 93       |
| 29) Tetrahydrofuran          | 7.847          | 42   | 463798              | 277.734 | ug/l   | 84       |
| 30) Chloroform               | 7.971          | 83   | 504100              | 53.469  | ug/l   | 98       |
| 31) Cyclohexane              | 8.265          | 56   | 348151              | 48.091  | ug/l   | 95       |
| 32) 1,1,1-Trichloroethane    | 8.177          | 97   | 452511              | 54.671  | ug/l   | 97       |
| 36) 1,1-Dichloropropene      | 8.377          | 75   | 360986              | 53.115  | ug/l   | 98       |
| 37) Ethyl Acetate            | 7.565          | 43   | 298504              | 56.223  | ug/l # | 95       |
| 38) Carbon Tetrachloride     | 8.371          | 117  | 391484              | 54.553  | ug/l   | 97       |
| 39) Methylcyclohexane        | 9.606          | 83   | 319605              | 45.377  | ug/l   | 91       |
| 40) Benzene                  | 8.612          | 78   | 1096740             | 54.053  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN062723\  
 Data File : VN078429.D  
 Acq On : 27 Jun 2023 20:17  
 Operator : JC\MD  
 Sample : VSTDC0050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDC0050EC

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 06/28/2023  
 Supervised By : Mahesh Dadoda 06/28/2023

Quant Time: Jun 28 07:16:54 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N060623W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 07 05:05:00 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.788  | 41   | 156523   | 54.390   | ug/l   | 93       |
| 42) 1,2-Dichloroethane        | 8.677  | 62   | 374708   | 53.862   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.694  | 43   | 524795   | 51.685   | ug/l   | 93       |
| 44) Trichloroethene           | 9.359  | 130  | 278964   | 52.062   | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.624  | 63   | 286721   | 56.797   | ug/l   | 97       |
| 46) Dibromomethane            | 9.718  | 93   | 201059   | 54.073   | ug/l   | 94       |
| 47) Bromodichloromethane      | 9.894  | 83   | 397391   | 57.536   | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.688  | 41   | 243499   | 57.145   | ug/l   | 88       |
| 49) 1,4-Dioxane               | 9.700  | 88   | 101393   | 1132.137 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone      | 10.453 | 43   | 1532393  | 286.596  | ug/l   | 94       |
| 52) Toluene                   | 10.635 | 92   | 695526   | 54.293   | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.841 | 75   | 414047   | 57.562   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.318 | 75   | 454438   | 57.152   | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane     | 11.024 | 97   | 276955   | 57.150   | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.876 | 69   | 400618   | 56.775   | ug/l   | 91       |
| 57) 1,3-Dichloropropane       | 11.171 | 76   | 469585   | 57.406   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.165 | 63   | 720507   | 252.764  | ug/l   | 92       |
| 59) 2-Hexanone                | 11.200 | 43   | 1087116  | 292.002  | ug/l   | 92       |
| 60) Dibromochloromethane      | 11.365 | 129  | 310276   | 58.511   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.476 | 107  | 286543   | 56.344   | ug/l   | 99       |
| 64) Tetrachloroethene         | 11.106 | 164  | 226853   | 51.499   | ug/l   | 95       |
| 65) Chlorobenzene             | 11.894 | 112  | 738882   | 52.253   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 285122   | 54.822   | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.971 | 91   | 1311722  | 53.761   | ug/l   | 98       |
| 68) m/p-Xylenes               | 12.076 | 106  | 1004273  | 108.003  | ug/l   | 99       |
| 69) o-Xylene                  | 12.406 | 106  | 498392   | 54.580   | ug/l   | 98       |
| 70) Styrene                   | 12.418 | 104  | 798148   | 55.521   | ug/l   | 98       |
| 71) Bromoform                 | 12.582 | 173  | 194729   | 58.018   | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.700 | 105  | 1197577  | 48.731   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.500 | 43   | 423883   | 52.378   | ug/l   | 93       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 386122   | 57.492   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 13.000 | 75   | 307896m  | 50.115   | ug/l   |          |
| 77) Bromobenzene              | 12.982 | 156  | 289152   | 50.685   | ug/l   | 97       |
| 78) n-propylbenzene           | 13.041 | 91   | 1329101  | 49.778   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 843772   | 48.956   | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 986546   | 49.583   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.741 | 75   | 110348   | 55.182   | ug/l   | 92       |
| 82) 4-Chlorotoluene           | 13.229 | 91   | 818632   | 50.892   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 831711   | 48.088   | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 13.488 | 105  | 972476   | 50.413   | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.623 | 105  | 1030011  | 45.501   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.735 | 119  | 852137   | 46.387   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.741 | 146  | 476466   | 49.375   | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.817 | 146  | 460316   | 49.435   | ug/l   | 100      |
| 89) n-Butylbenzene            | 14.059 | 91   | 654353   | 45.160   | ug/l   | 97       |
| 90) Hexachloroethane          | 14.341 | 117  | 162094   | 49.721   | ug/l   | 92       |
| 91) 1,2-Dichlorobenzene       | 14.112 | 146  | 466111   | 49.423   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 59586    | 48.950   | ug/l   | 94       |
| 93) 1,2,4-Trichlorobenzene    | 15.400 | 180  | 148221   | 44.110   | ug/l   | 95       |
| 94) Hexachlorobutadiene       | 15.506 | 225  | 82625    | 50.173   | ug/l   | 97       |
| 95) Naphthalene               | 15.647 | 128  | 493069   | 43.623   | ug/l   | 97       |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 168920   | 44.948   | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN062723\  
Data File : VN078429.D  
Acq On : 27 Jun 2023 20:17  
Operator : JC\MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

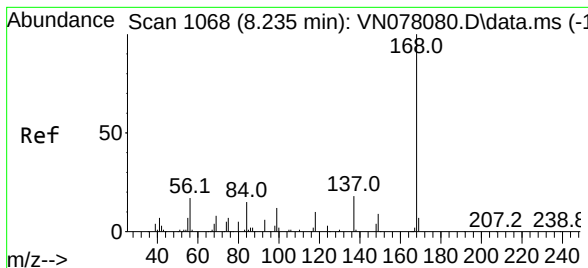
Reviewed By :John Carlone 06/28/2023  
Supervised By :Mahesh Dadoda 06/28/2023

Quant Time: Jun 28 07:16:54 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N060623W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 07 05:05:00 2023  
Response via : Initial Calibration

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

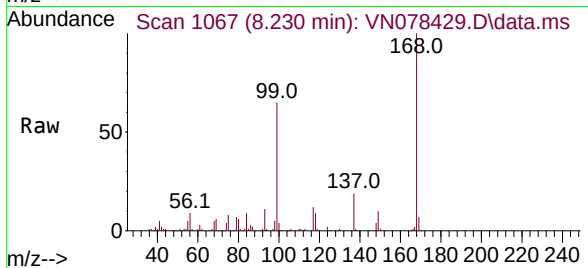
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1068  
Delta R.T. -0.005 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17

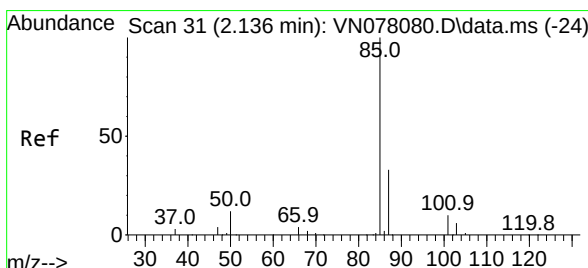
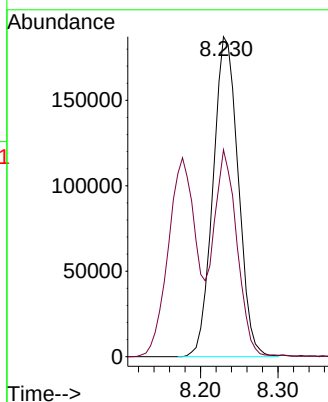
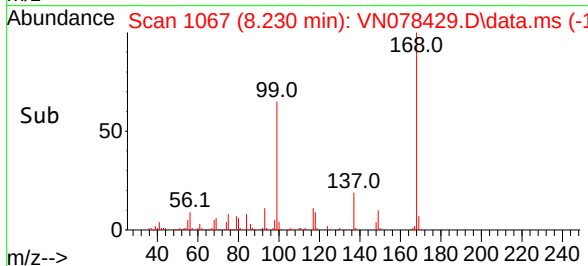
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:168 Resp: 423270  
Ion Ratio Lower Upper  
168 100  
99 64.2 53.0 79.6

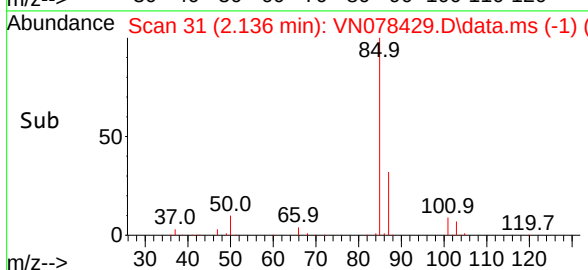
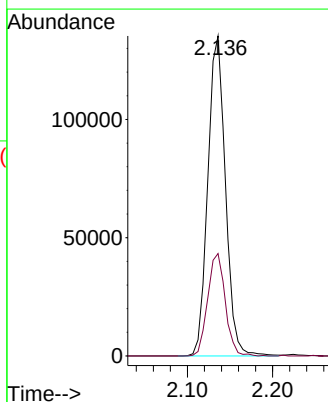
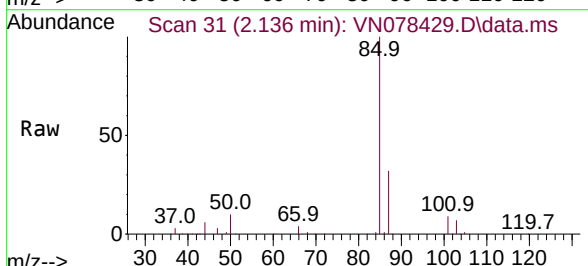
Manual Integrations  
APPROVED

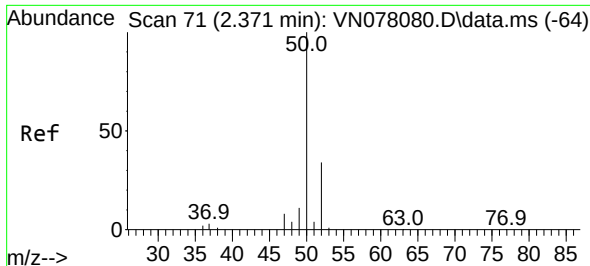
Reviewed By :John Carlone 06/28/2023  
Supervised By :Mahesh Dadoda 06/28/2023



#2  
Dichlorodifluoromethane  
Concen: 40.746 ug/l  
RT: 2.136 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17

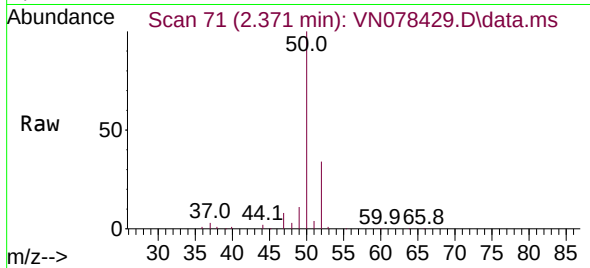
Tgt Ion: 85 Resp: 194955  
Ion Ratio Lower Upper  
85 100  
87 32.0 15.8 47.4





#3  
Chloromethane  
Concen: 51.220 ug/l  
RT: 2.371 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17

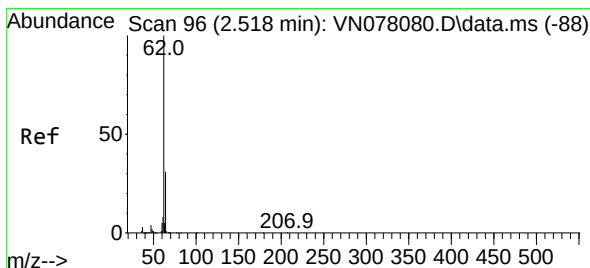
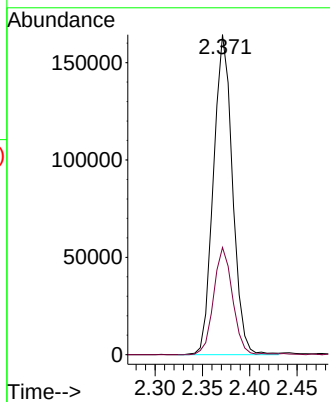
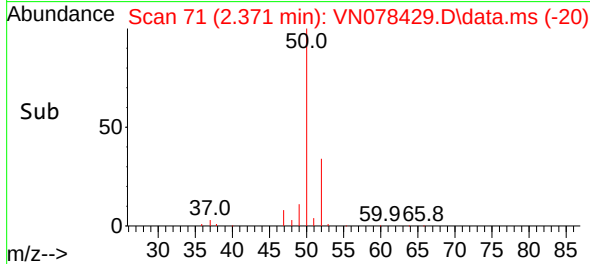
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



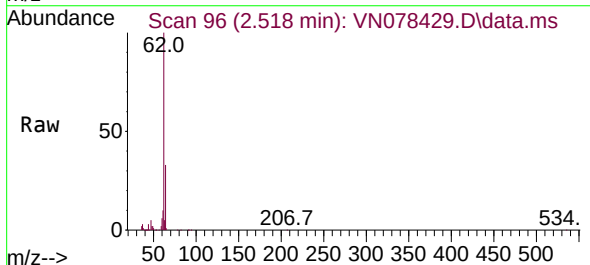
Tgt Ion: 50 Resp: 23035  
Ion Ratio Lower Upper  
50 100  
52 33.5 26.5 39.7

Manual Integrations  
APPROVED

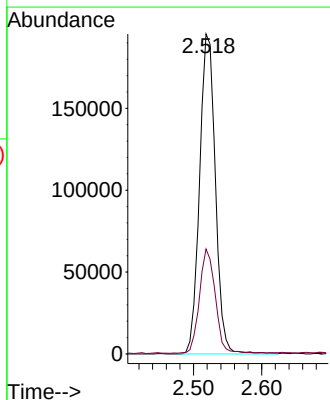
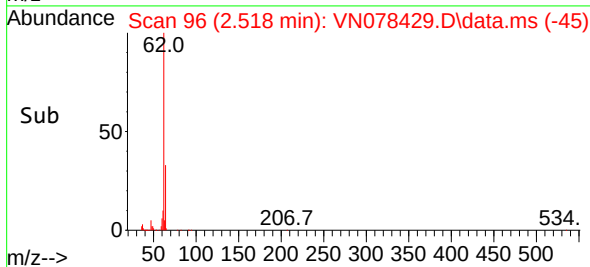
Reviewed By :John Carlone 06/28/2023  
Supervised By :Mahesh Dadoda 06/28/2023

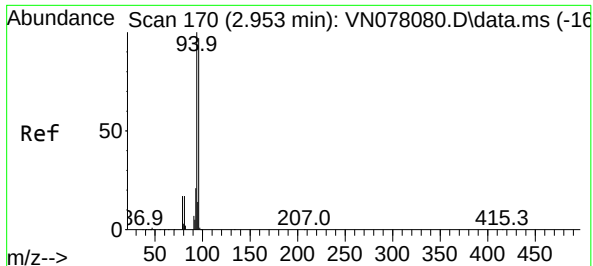


#4  
Vinyl Chloride  
Concen: 50.261 ug/l  
RT: 2.518 min Scan# 96  
Delta R.T. 0.000 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17



Tgt Ion: 62 Resp: 314901  
Ion Ratio Lower Upper  
62 100  
64 32.5 26.2 39.2





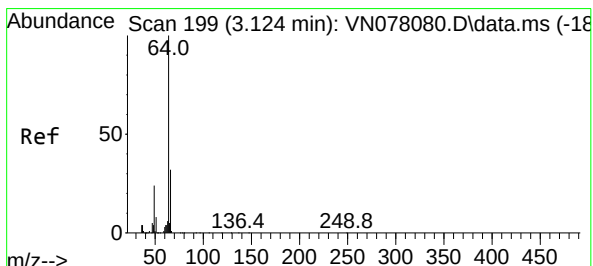
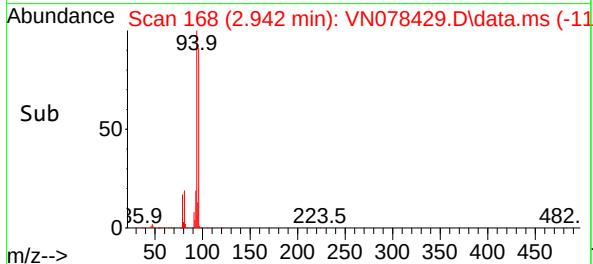
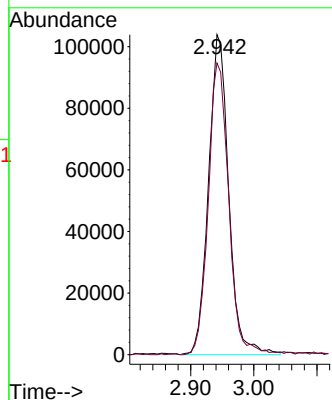
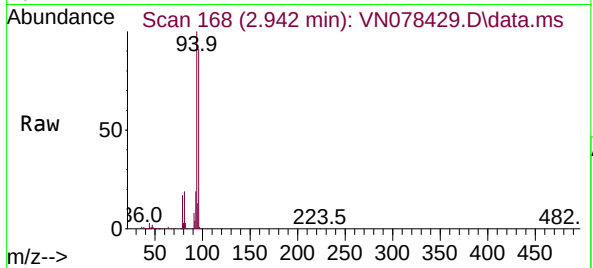
#5  
Bromomethane  
Concen: 48.673 ug/l  
RT: 2.942 min Scan# 1  
Delta R.T. -0.012 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 94 Resp: 230462  
Ion Ratio Lower Upper  
94 100  
96 91.2 73.1 109.7

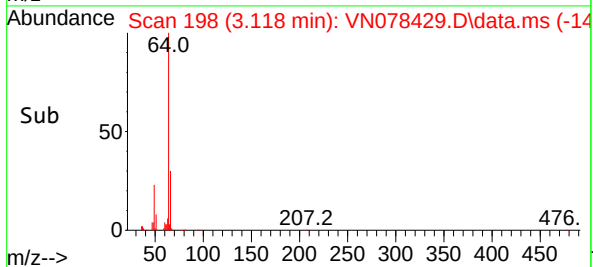
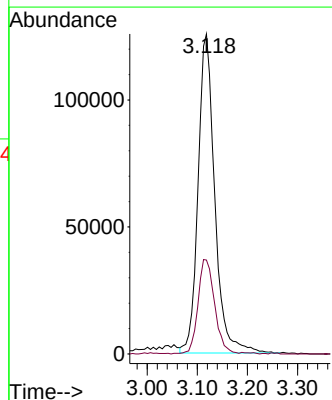
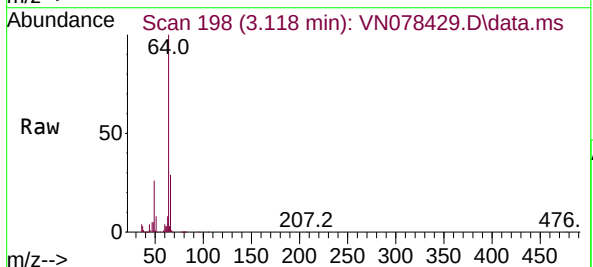
Manual Integrations  
APPROVED

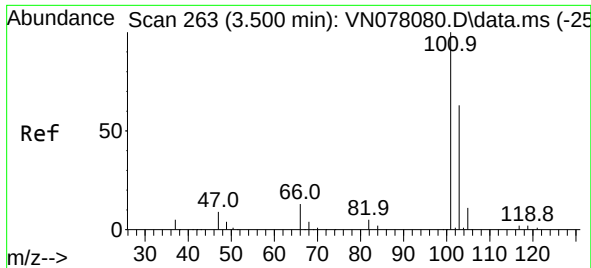
Reviewed By :John Carlone 06/28/2023  
Supervised By :Mahesh Dadoda 06/28/2023



#6  
Chloroethane  
Concen: 67.900 ug/l  
RT: 3.118 min Scan# 198  
Delta R.T. -0.006 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17

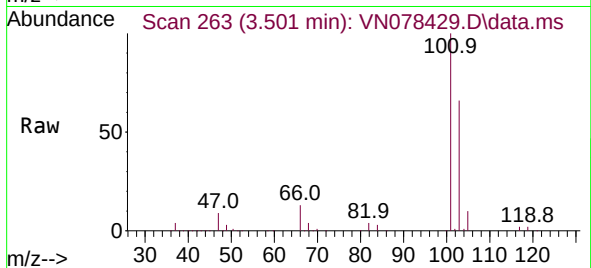
Tgt Ion: 64 Resp: 290003  
Ion Ratio Lower Upper  
64 100  
66 29.4 25.4 38.2





#7  
 Trichlorofluoromethane  
 Concen: 72.115 ug/l  
 RT: 3.501 min Scan# 210  
 Delta R.T. 0.000 min  
 Lab File: VN078429.D  
 Acq: 27 Jun 2023 20:17

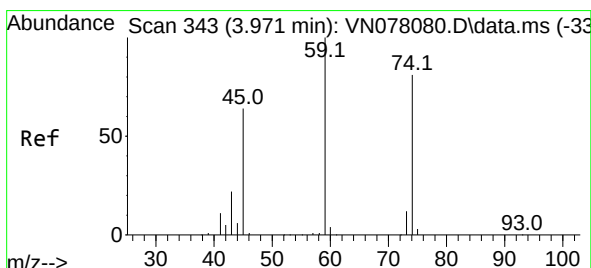
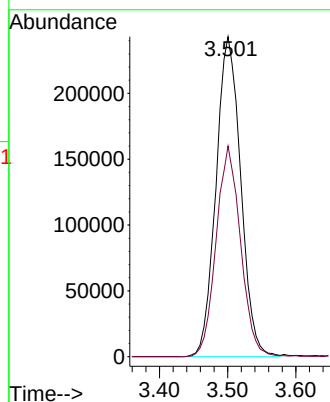
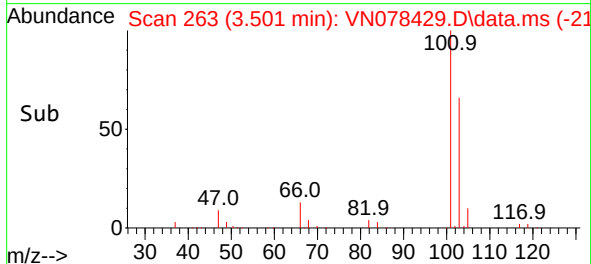
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC



Tgt Ion:101 Resp: 61270  
 Ion Ratio Lower Upper  
 101 100  
 103 65.8 50.7 76.1

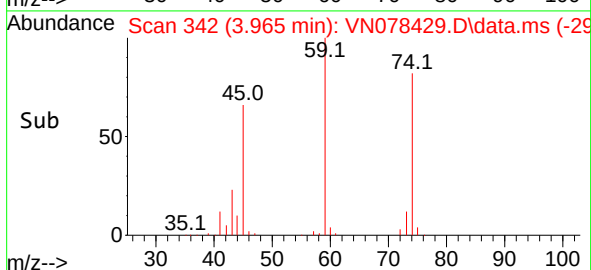
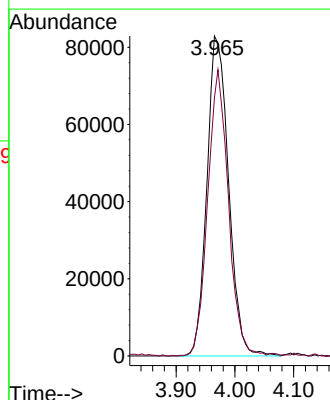
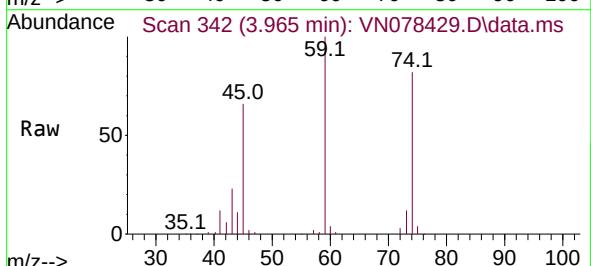
Manual Integrations  
 APPROVED

Reviewed By :John Carlone 06/28/2023  
 Supervised By :Mahesh Dadoda 06/28/2023

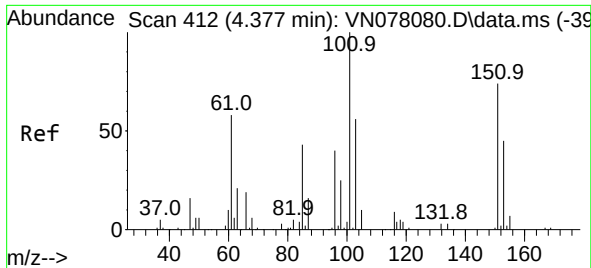


#8  
 Diethyl Ether  
 Concen: 71.107 ug/l  
 RT: 3.965 min Scan# 342  
 Delta R.T. -0.006 min  
 Lab File: VN078429.D  
 Acq: 27 Jun 2023 20:17

Tgt Ion: 74 Resp: 212278  
 Ion Ratio Lower Upper  
 74 100  
 45 85.6 34.4 103.3







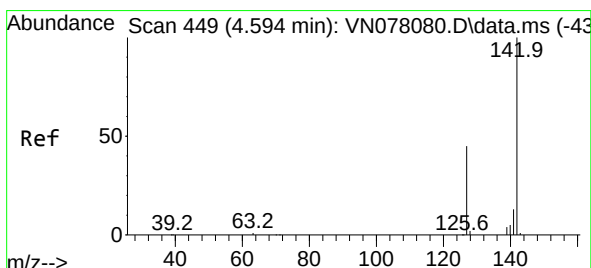
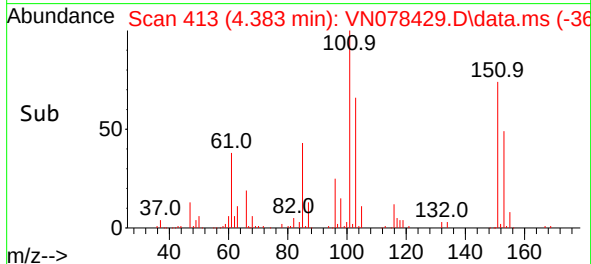
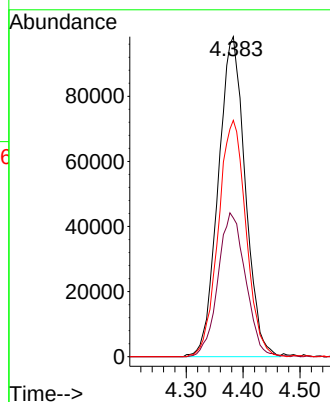
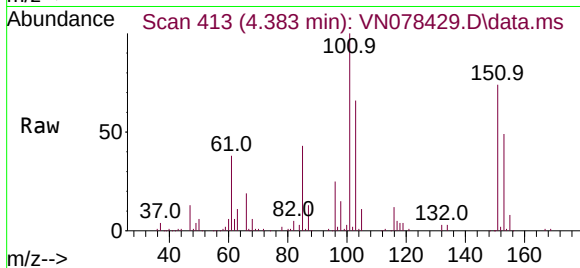
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 72.313 ug/l  
RT: 4.383 min Scan# 412  
Delta R.T. 0.006 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:101 Resp: 324240  
Ion Ratio Lower Upper  
101 100  
85 45.8 36.6 55.0  
151 75.7 57.6 86.4

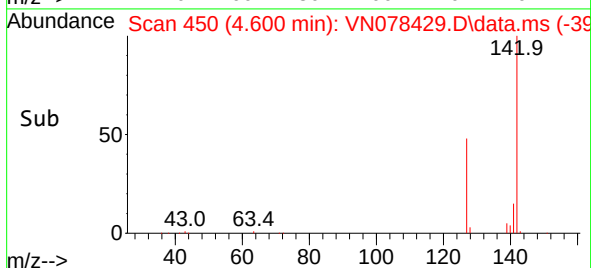
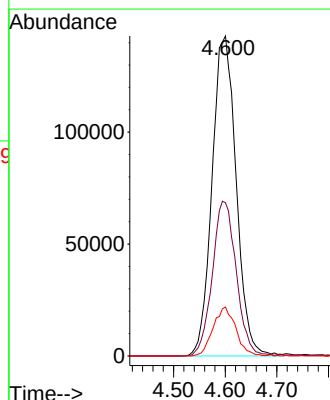
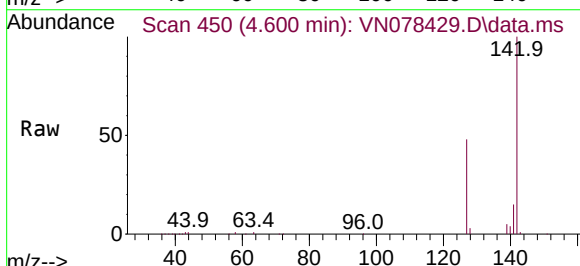
Manual Integrations  
APPROVED

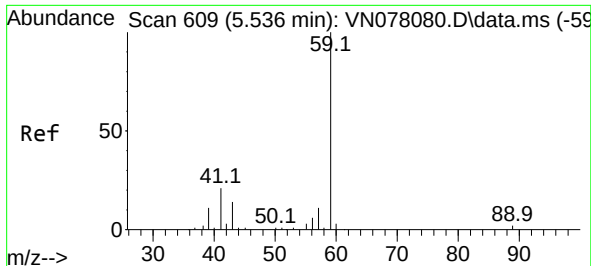
Reviewed By :John Carlone 06/28/2023  
Supervised By :Mahesh Dadoda 06/28/2023



#10  
Methyl Iodide  
Concen: 73.008 ug/l  
RT: 4.600 min Scan# 450  
Delta R.T. 0.006 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17

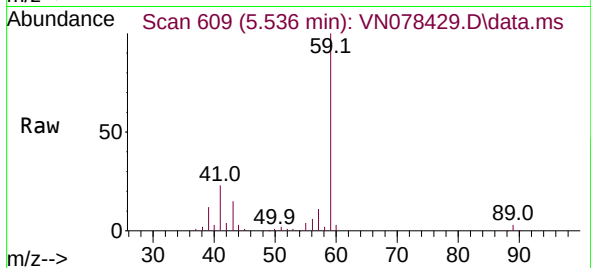
Tgt Ion:142 Resp: 462955  
Ion Ratio Lower Upper  
142 100  
127 47.9 37.6 56.4  
141 15.3 11.4 17.0





#11  
Tert butyl alcohol  
Concen: 367.300 ug/l  
RT: 5.536 min Scan# 609  
Delta R.T. 0.000 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17

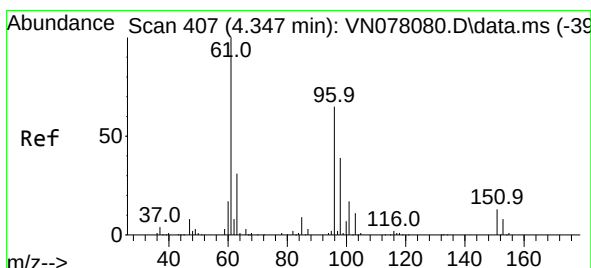
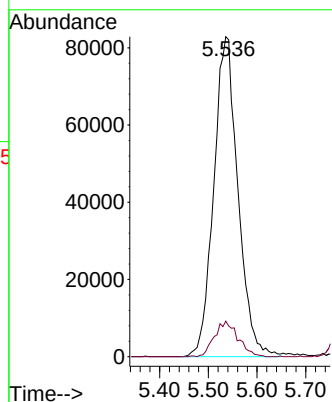
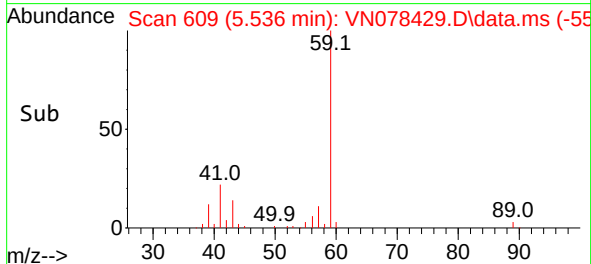
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



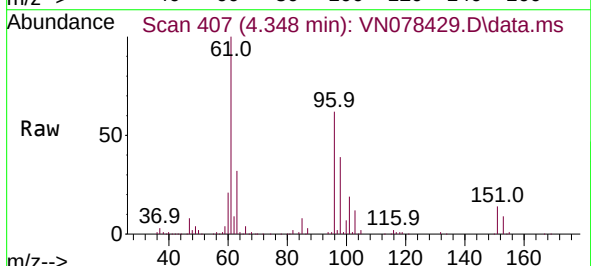
Tgt Ion: 59 Resp: 28622  
Ion Ratio Lower Upper  
59 100  
57 10.8 8.2 12.4

Manual Integrations  
APPROVED

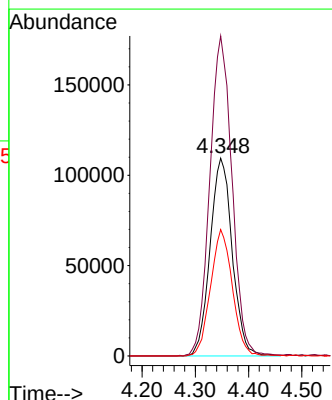
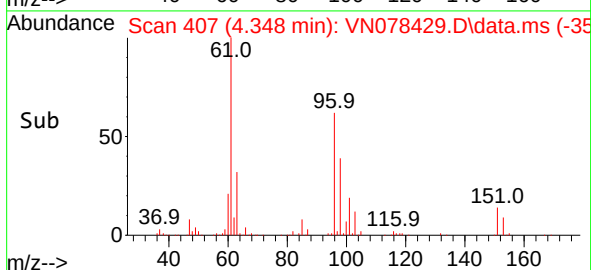
Reviewed By :John Carlone 06/28/2023  
Supervised By :Mahesh Dadoda 06/28/2023

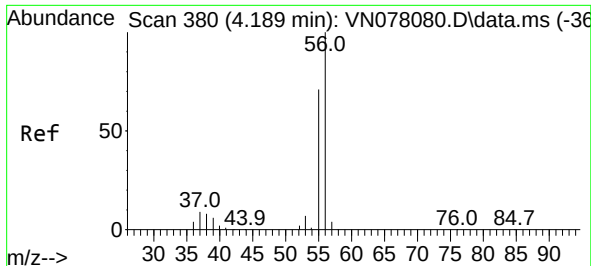


#12  
1,1-Dichloroethene  
Concen: 68.470 ug/l  
RT: 4.348 min Scan# 407  
Delta R.T. 0.000 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17



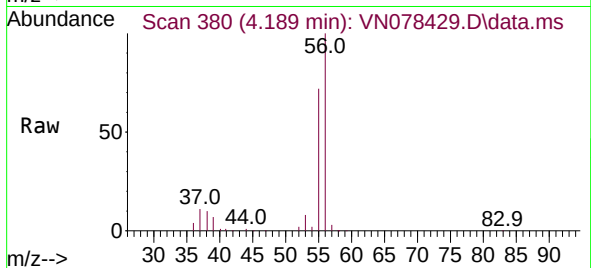
Tgt Ion: 96 Resp: 316482  
Ion Ratio Lower Upper  
96 100  
61 161.5 112.7 169.1  
98 63.9 51.2 76.8





#13  
Acrolein  
Concen: 427.234 ug/l  
RT: 4.189 min Scan# 380  
Delta R.T. 0.000 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17

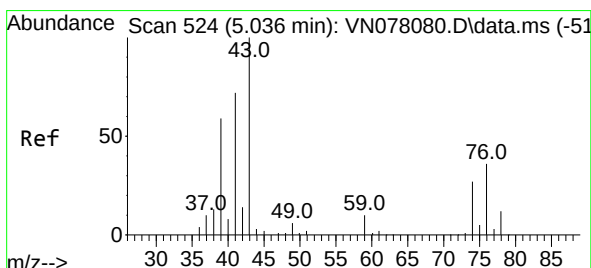
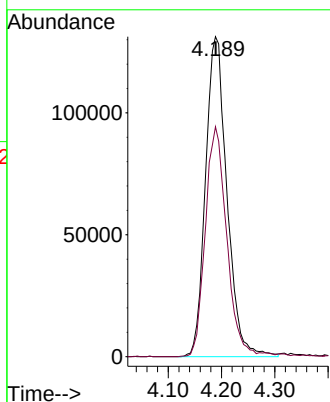
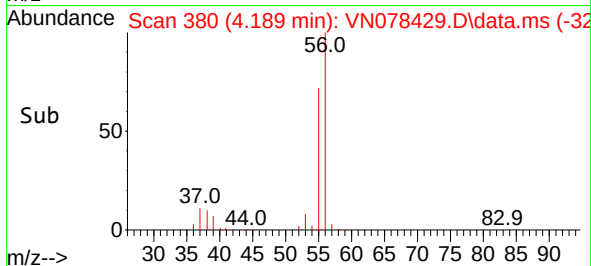
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 56 Resp: 366928  
Ion Ratio Lower Upper  
56 100  
55 71.5 54.5 81.7

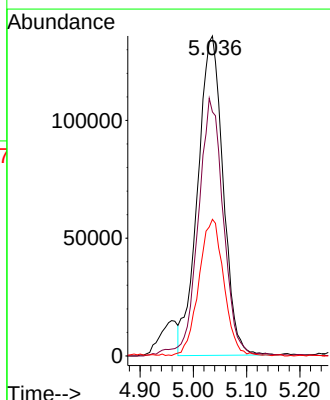
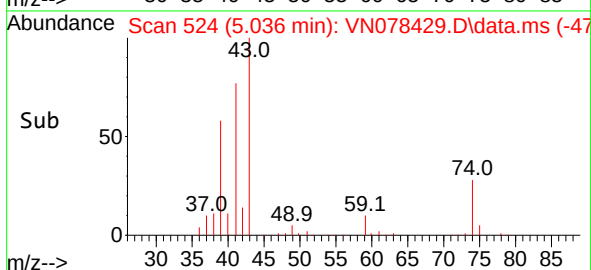
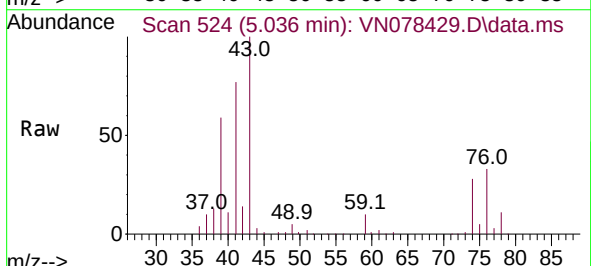
Manual Integrations  
APPROVED

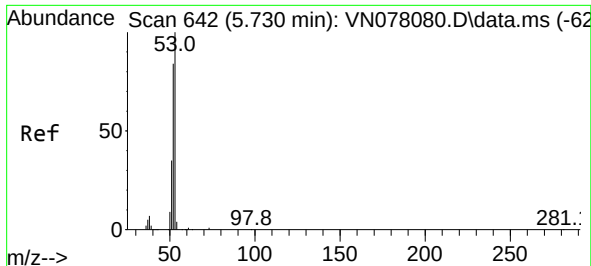
Reviewed By :John Carlone 06/28/2023  
Supervised By :Mahesh Dadoda 06/28/2023



#14  
Allyl chloride  
Concen: 79.641 ug/l  
RT: 5.036 min Scan# 524  
Delta R.T. 0.000 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17

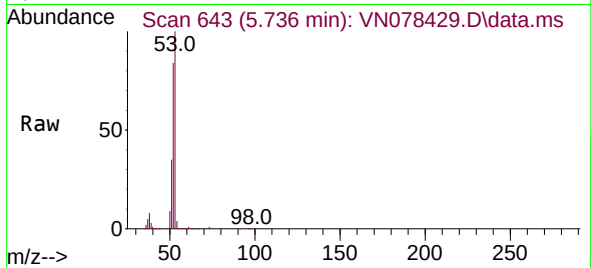
Tgt Ion: 41 Resp: 449357  
Ion Ratio Lower Upper  
41 100  
39 80.5 58.8 88.2  
76 41.9 39.1 58.7





#15  
Acrylonitrile  
Concen: 378.165 ug/l  
RT: 5.736 min Scan# 642  
Delta R.T. 0.006 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17

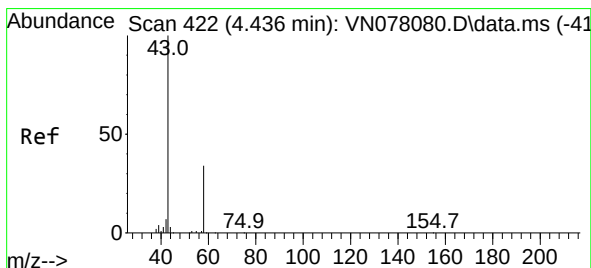
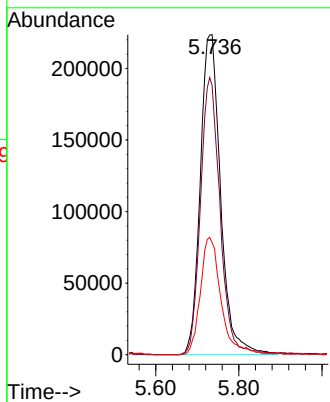
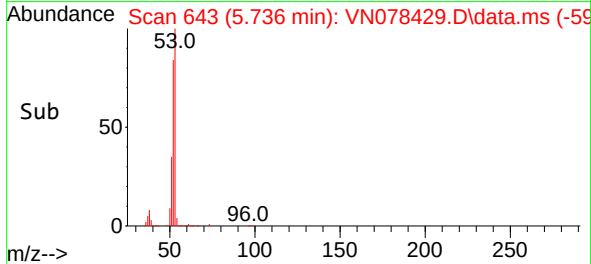
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 53 Resp: 759752  
Ion Ratio Lower Upper  
53 100  
52 83.0 65.3 97.9  
51 37.2 28.9 43.3

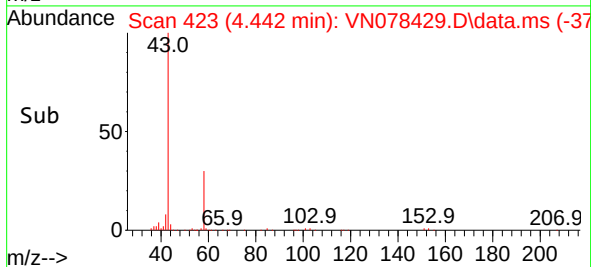
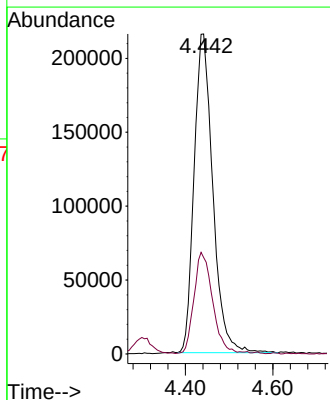
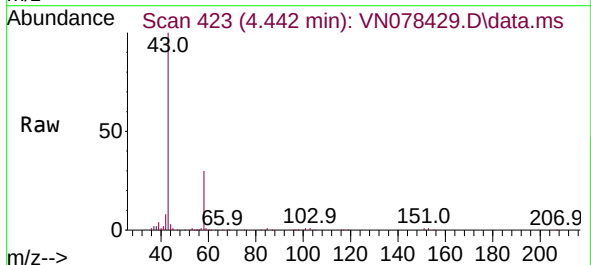
Manual Integrations  
APPROVED

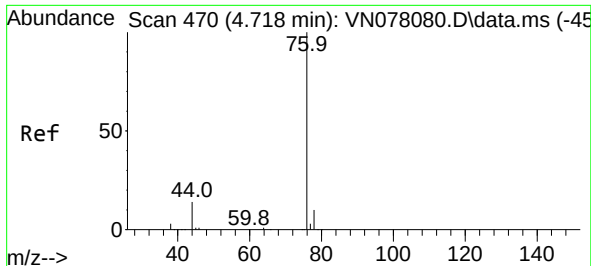
Reviewed By :John Carlone 06/28/2023  
Supervised By :Mahesh Dadoda 06/28/2023



#16  
Acetone  
Concen: 394.789 ug/l  
RT: 4.442 min Scan# 423  
Delta R.T. 0.006 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17

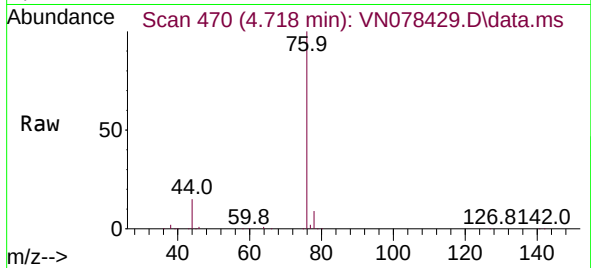
Tgt Ion: 43 Resp: 641305  
Ion Ratio Lower Upper  
43 100  
58 30.0 28.0 42.0





#17  
Carbon Disulfide  
Concen: 66.530 ug/l  
RT: 4.718 min Scan# 470  
Delta R.T. 0.000 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17

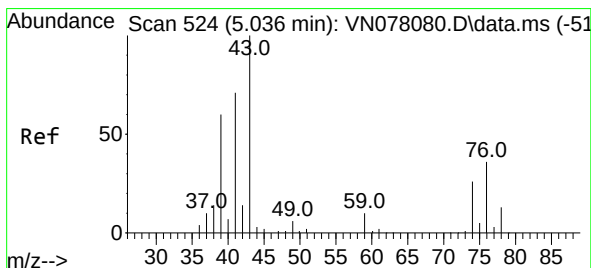
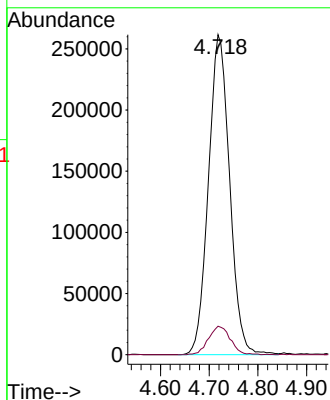
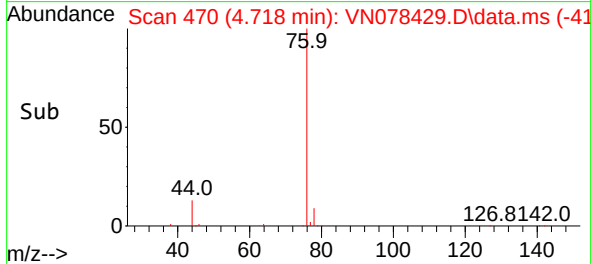
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 76 Resp: 79151  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.4 11.0

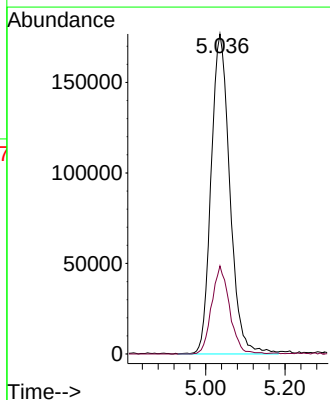
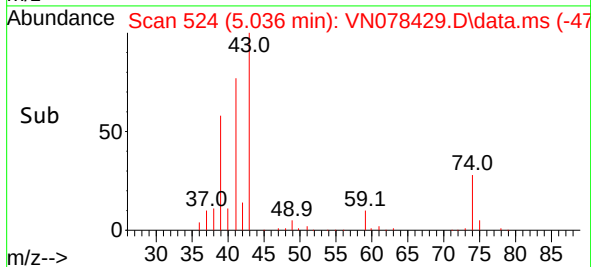
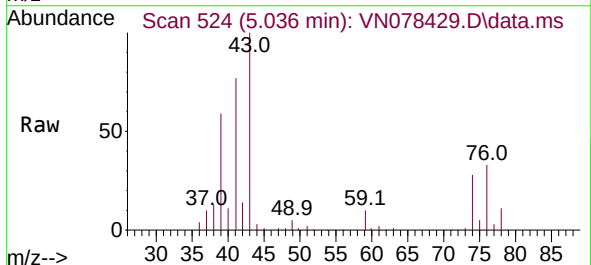
Manual Integrations  
APPROVED

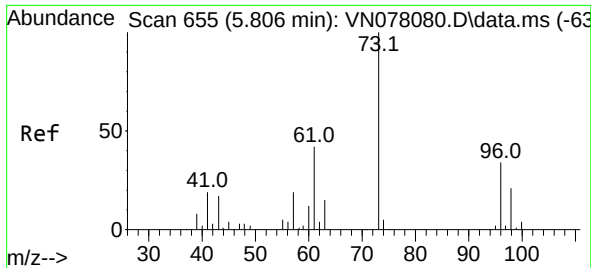
Reviewed By :John Carlone 06/28/2023  
Supervised By :Mahesh Dadoda 06/28/2023



#18  
Methyl Acetate  
Concen: 77.530 ug/l  
RT: 5.036 min Scan# 524  
Delta R.T. 0.000 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17

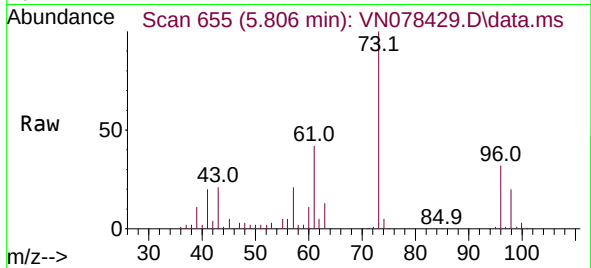
Tgt Ion: 43 Resp: 579834  
Ion Ratio Lower Upper  
43 100  
74 26.3 26.2 39.4





#19  
Methyl tert-butyl Ether  
Concen: 72.504 ug/l  
RT: 5.806 min Scan# 611  
Delta R.T. 0.000 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17

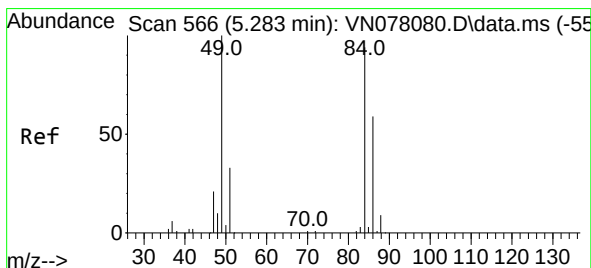
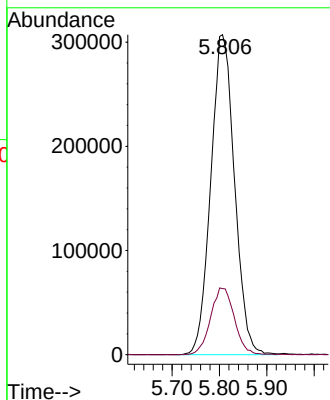
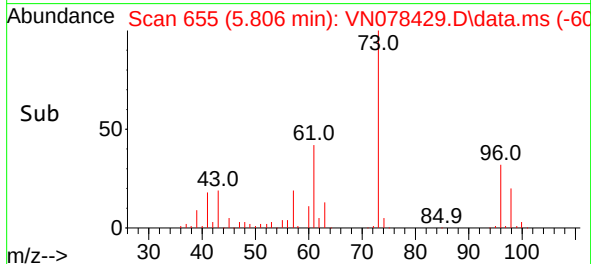
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 73 Resp: 106925  
Ion Ratio Lower Upper  
73 100  
57 20.7 15.6 23.4

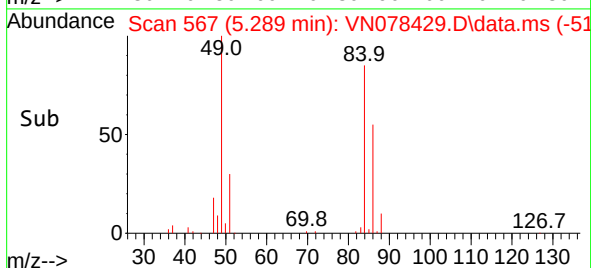
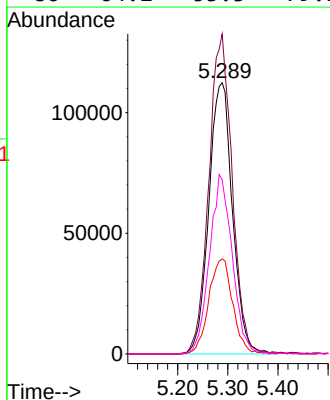
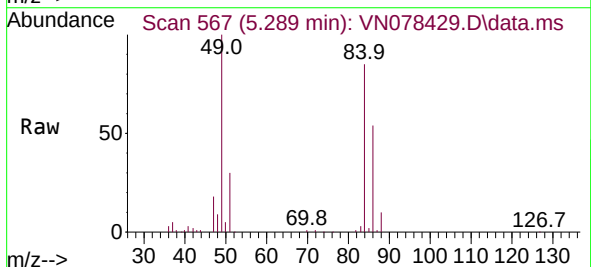
Manual Integrations  
APPROVED

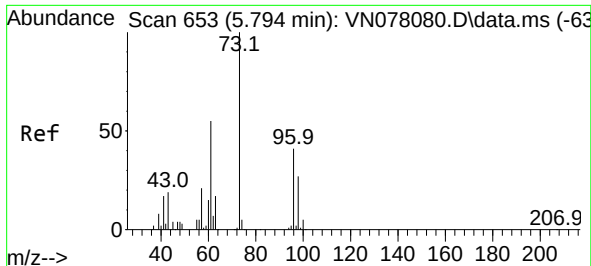
Reviewed By :John Carlone 06/28/2023  
Supervised By :Mahesh Dadoda 06/28/2023



#20  
Methylene Chloride  
Concen: 68.727 ug/l  
RT: 5.289 min Scan# 567  
Delta R.T. 0.006 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17

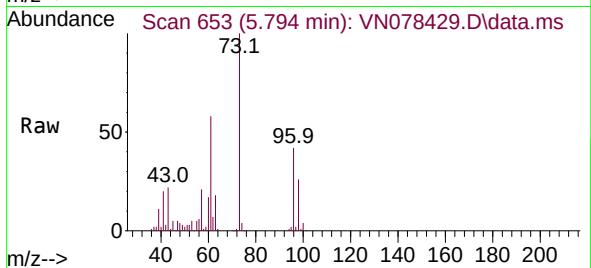
Tgt Ion: 84 Resp: 368926  
Ion Ratio Lower Upper  
84 100  
49 118.0 79.7 119.5  
51 35.0 25.2 37.8  
86 64.2 53.3 79.9





#21  
trans-1,2-Dichloroethene  
Concen: 65.888 ug/l  
RT: 5.794 min Scan# 653  
Delta R.T. 0.000 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17

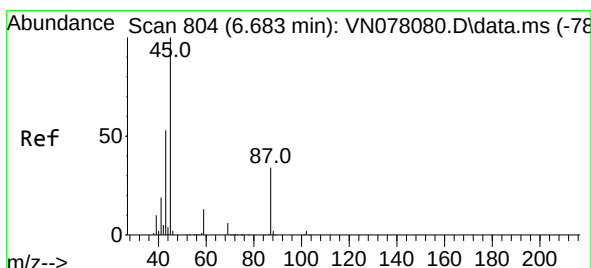
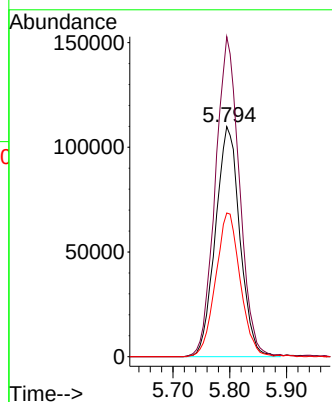
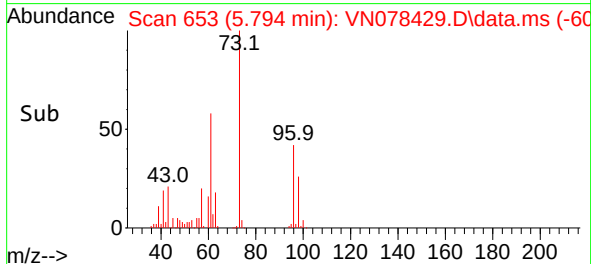
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 96 Resp: 328470  
Ion Ratio Lower Upper  
96 100  
61 139.1 90.1 135.1  
98 62.5 46.4 69.6

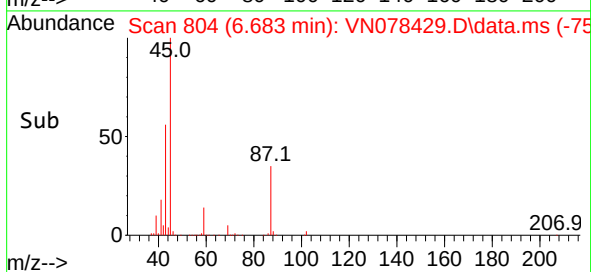
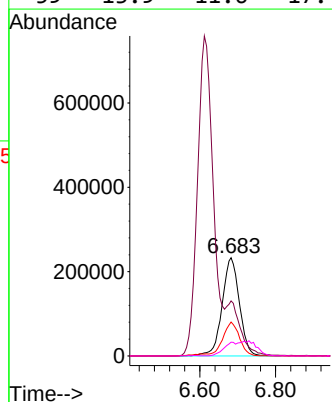
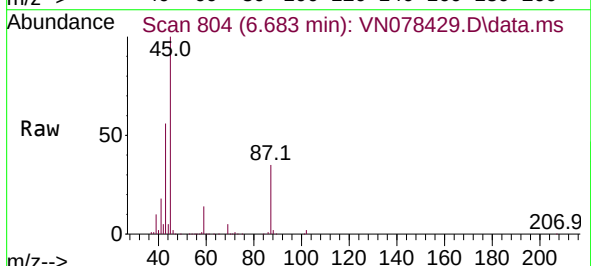
Manual Integrations  
APPROVED

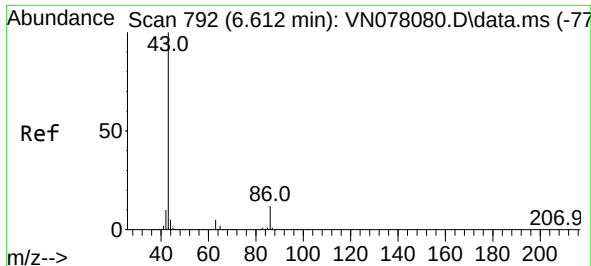
Reviewed By :John Carlone 06/28/2023  
Supervised By :Mahesh Dadoda 06/28/2023



#22  
Diisopropyl ether  
Concen: 55.743 ug/l  
RT: 6.683 min Scan# 804  
Delta R.T. 0.000 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17

Tgt Ion: 45 Resp: 739827  
Ion Ratio Lower Upper  
45 100  
43 55.8 45.5 68.3  
87 34.6 31.8 47.8  
59 13.9 11.6 17.4





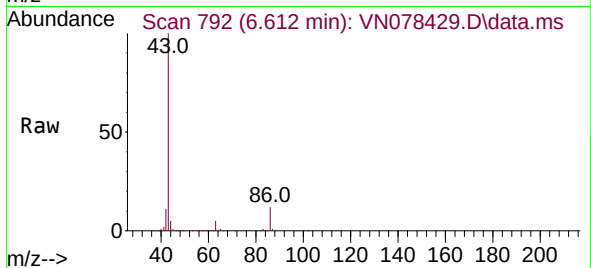
#23  
 Vinyl Acetate  
 Concen: 278.785 ug/l  
 RT: 6.612 min Scan# 792  
 Delta R.T. 0.000 min  
 Lab File: VN078429.D  
 Acq: 27 Jun 2023 20:17

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

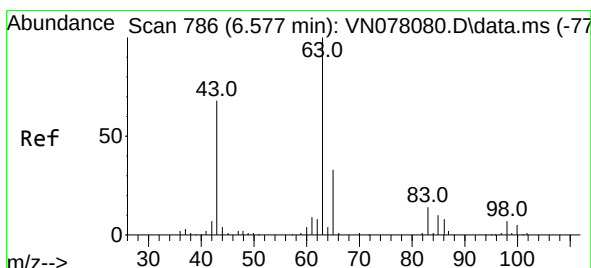
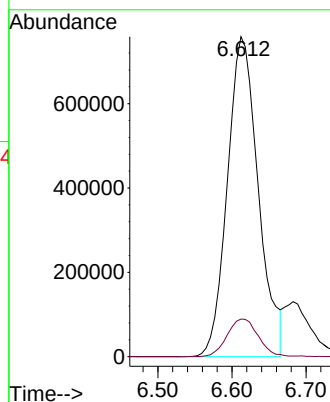
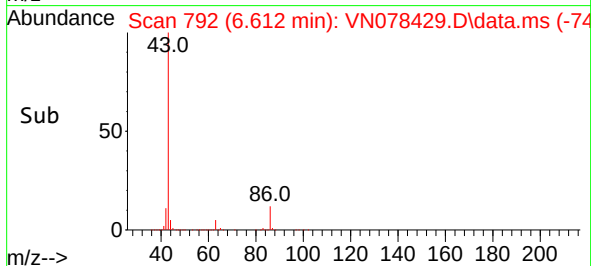


Tgt Ion: 43 Resp: 2199458  
 Ion Ratio Lower Upper  
 43 100  
 86 11.8 13.0 19.6

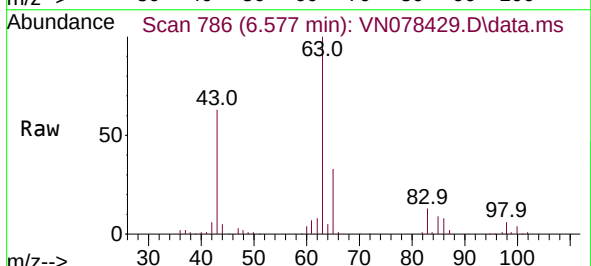
Manual Integrations

APPROVED

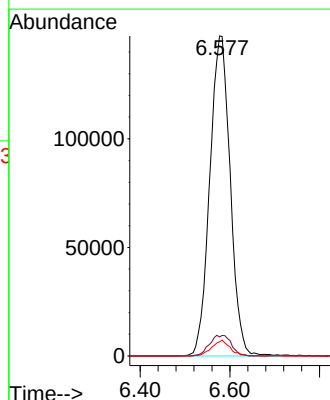
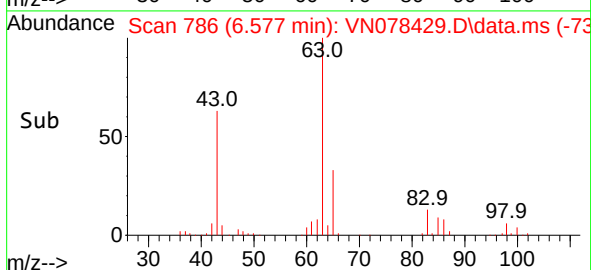
Reviewed By :John Carlone 06/28/2023  
 Supervised By :Mahesh Dadoda 06/28/2023



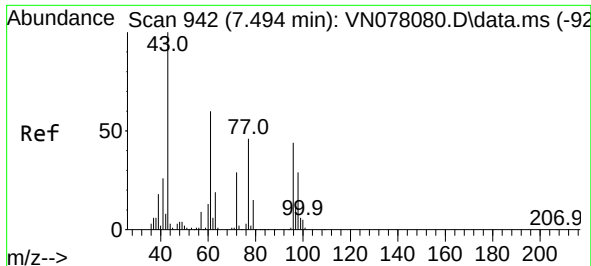
#24  
 1,1-Dichloroethane  
 Concen: 53.239 ug/l  
 RT: 6.577 min Scan# 786  
 Delta R.T. 0.000 min  
 Lab File: VN078429.D  
 Acq: 27 Jun 2023 20:17



Tgt Ion: 63 Resp: 466121  
 Ion Ratio Lower Upper  
 63 100  
 98 5.9 3.9 11.7  
 100 4.4 2.5 7.4

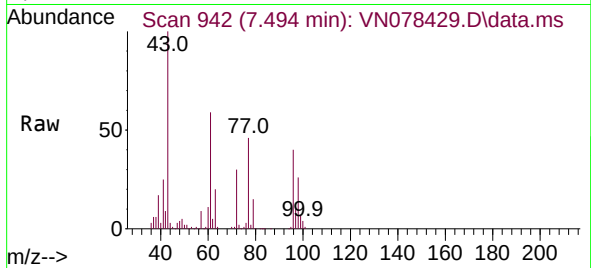






#25  
2-Butanone  
Concen: 274.777 ug/l  
RT: 7.494 min Scan# 942  
Delta R.T. 0.000 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17

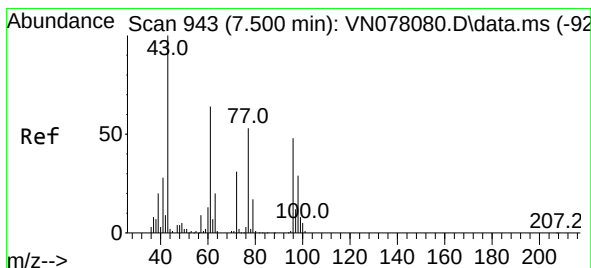
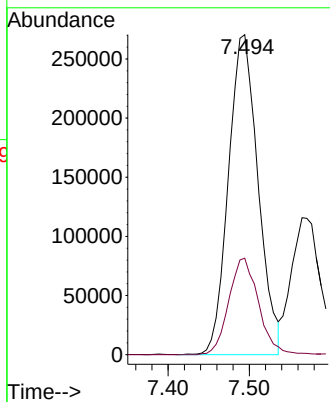
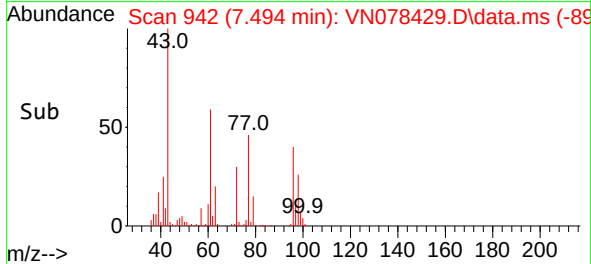
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



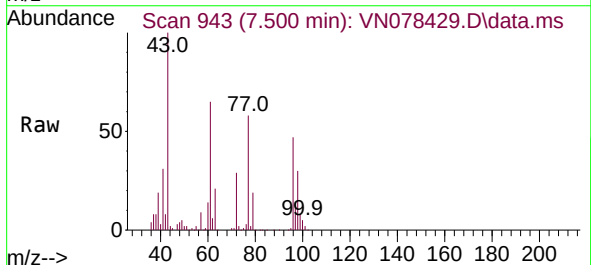
Tgt Ion: 43 Resp: 686398  
Ion Ratio Lower Upper  
43 100  
72 30.1 30.2 45.2

Manual Integrations  
APPROVED

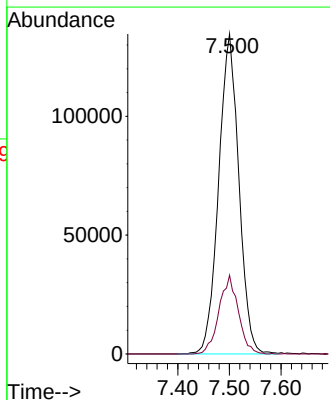
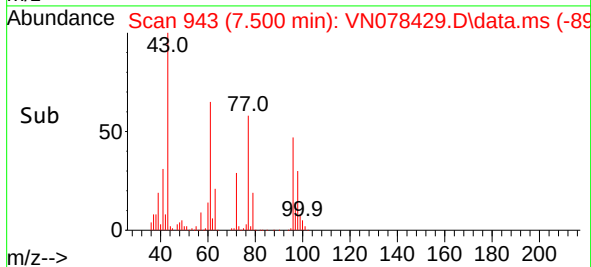
Reviewed By :John Carlone 06/28/2023  
Supervised By :Mahesh Dadoda 06/28/2023

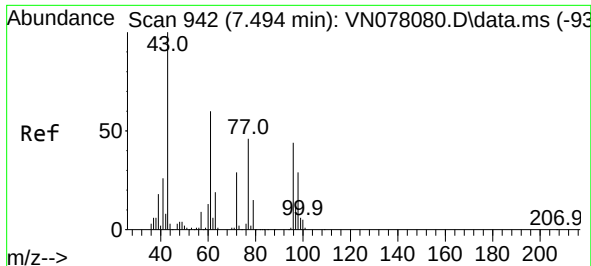


#26  
2,2-Dichloropropane  
Concen: 56.563 ug/l  
RT: 7.500 min Scan# 943  
Delta R.T. 0.000 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17



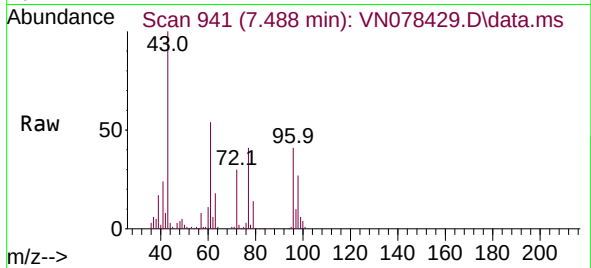
Tgt Ion: 77 Resp: 365662  
Ion Ratio Lower Upper  
77 100  
97 23.4 11.2 33.6





#27  
 cis-1,2-Dichloroethene  
 Concen: 50.220 ug/l  
 RT: 7.488 min Scan# 941  
 Delta R.T. -0.006 min  
 Lab File: VN078429.D  
 Acq: 27 Jun 2023 20:17

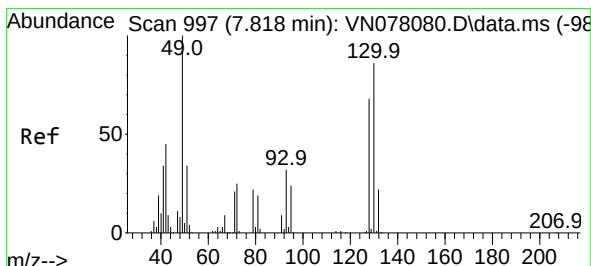
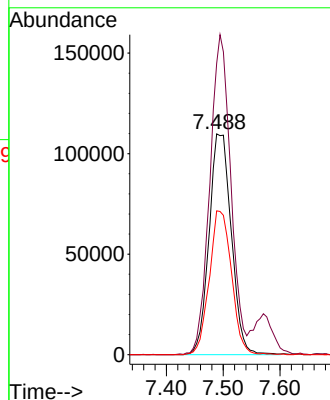
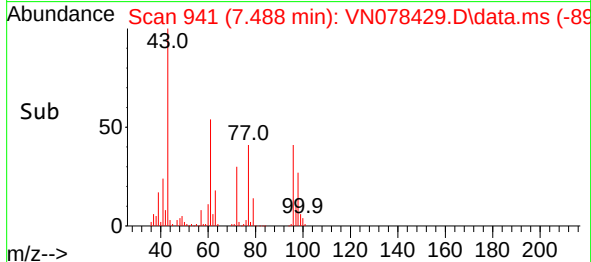
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC



Tgt Ion: 96 Resp: 298634  
 Ion Ratio Lower Upper  
 96 100  
 61 136.5 0.0 255.2  
 98 64.8 0.0 128.8

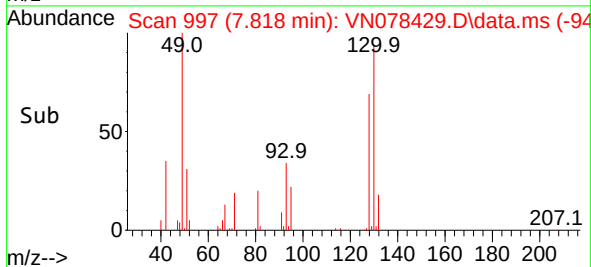
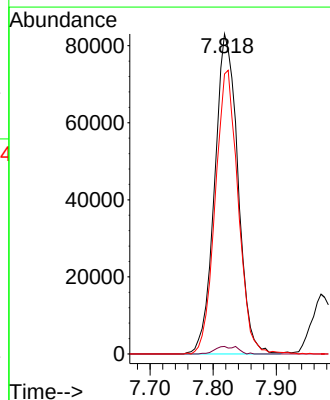
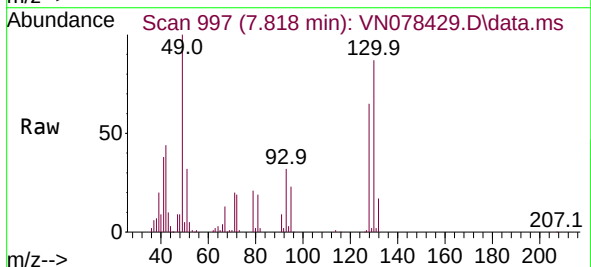
Manual Integrations  
 APPROVED

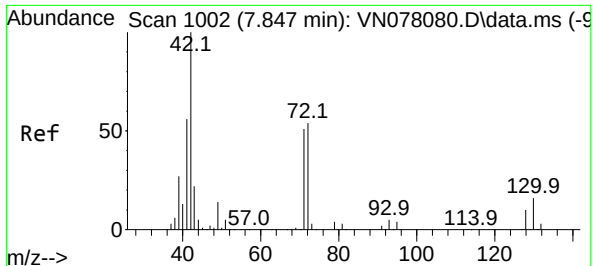
Reviewed By :John Carlone 06/28/2023  
 Supervised By :Mahesh Dadoda 06/28/2023



#28  
 Bromochloromethane  
 Concen: 52.945 ug/l  
 RT: 7.818 min Scan# 997  
 Delta R.T. 0.000 min  
 Lab File: VN078429.D  
 Acq: 27 Jun 2023 20:17

Tgt Ion: 49 Resp: 212832  
 Ion Ratio Lower Upper  
 49 100  
 129 2.3 0.0 4.8  
 130 87.1 75.3 112.9





#29

Tetrahydrofuran

Concen: 277.734 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078429.D

Acq: 27 Jun 2023 20:17

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 463798

Ion Ratio Lower Upper

42 100

72 50.1 49.8 74.6

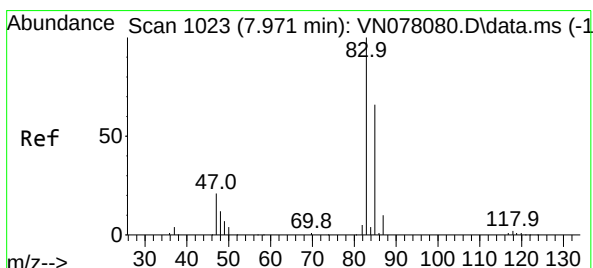
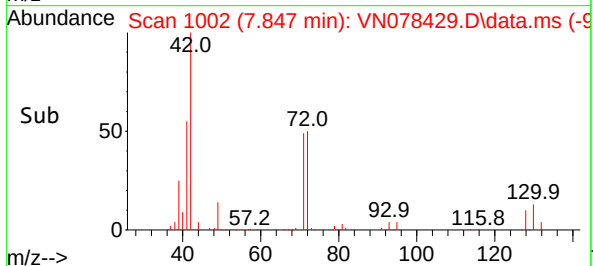
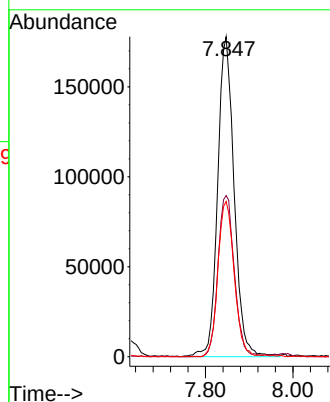
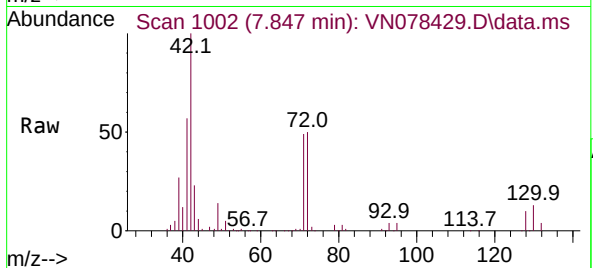
71 47.8 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2023

Supervised By :Mahesh Dadoda 06/28/2023



#30

Chloroform

Concen: 53.469 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN078429.D

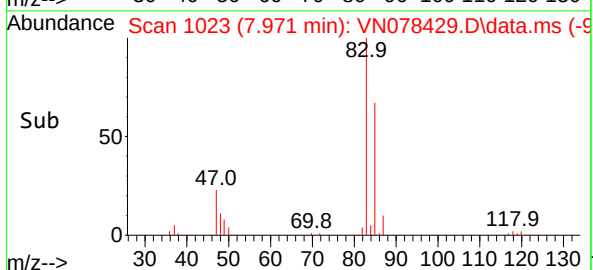
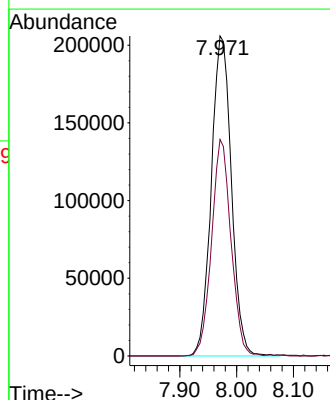
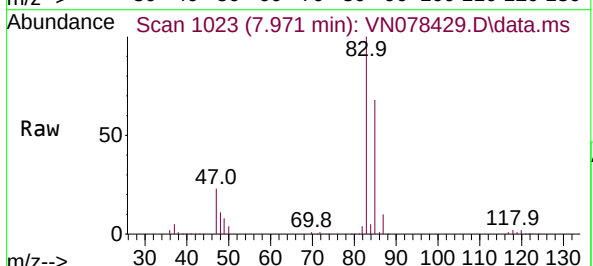
Acq: 27 Jun 2023 20:17

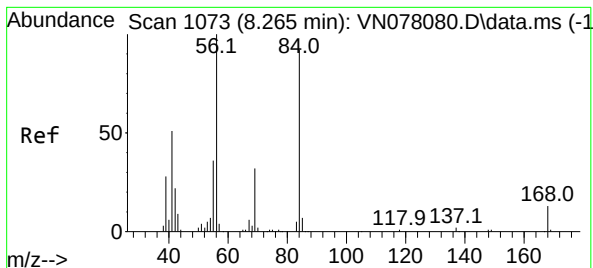
Tgt Ion: 83 Resp: 504100

Ion Ratio Lower Upper

83 100

85 67.7 55.4 83.0





#31

Cyclohexane

Concen: 48.091 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.000 min

Lab File: VN078429.D

Acq: 27 Jun 2023 20:17

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 34815

Ion Ratio Lower Upper

56 100

69 34.0 26.8 40.2

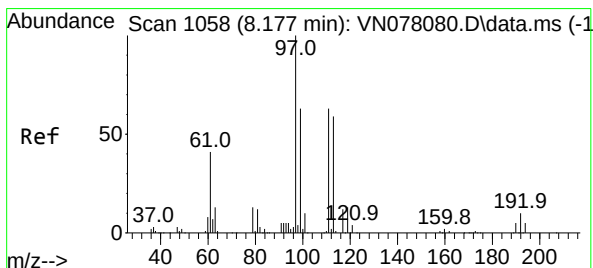
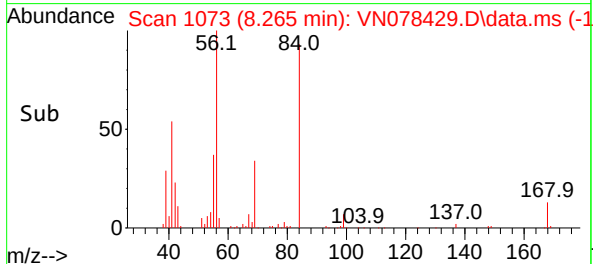
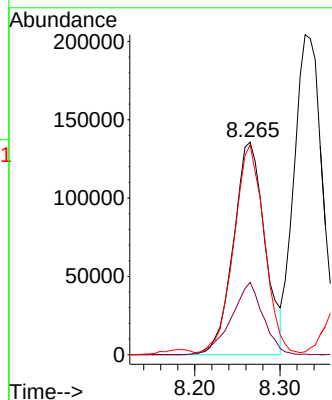
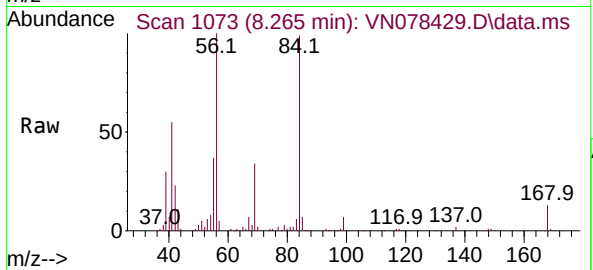
84 96.3 81.8 122.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2023

Supervised By :Mahesh Dadoda 06/28/2023



#32

1,1,1-Trichloroethane

Concen: 54.671 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078429.D

Acq: 27 Jun 2023 20:17

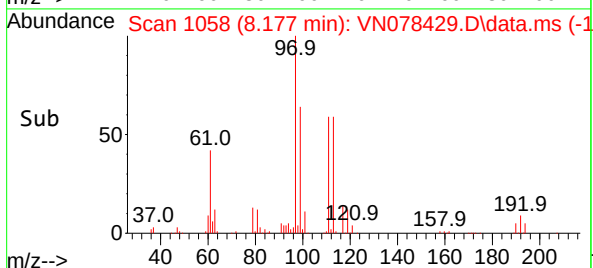
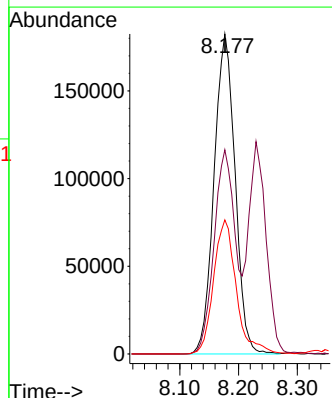
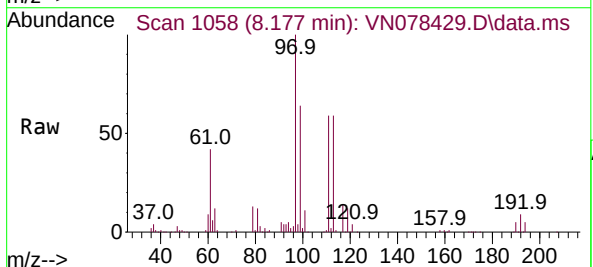
Tgt Ion: 97 Resp: 452511

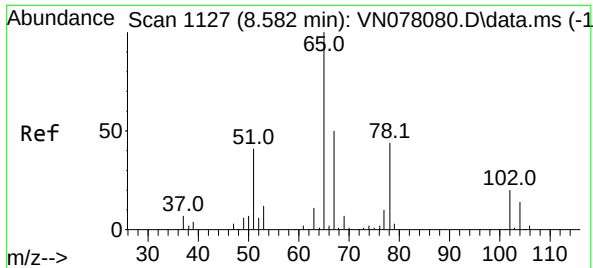
Ion Ratio Lower Upper

97 100

99 64.9 50.3 75.5

61 45.4 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 50.738 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN078429.D

Acq: 27 Jun 2023 20:17

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 286344

Ion Ratio Lower Upper

65 100

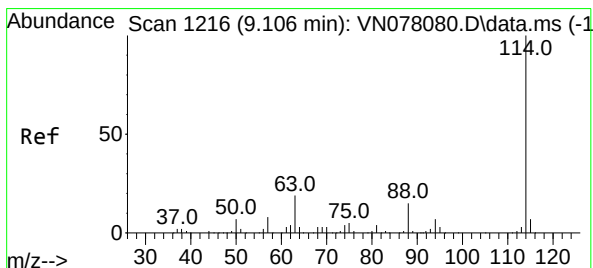
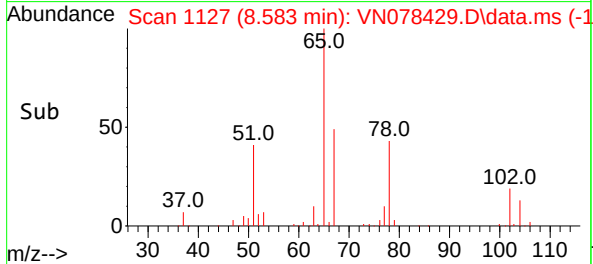
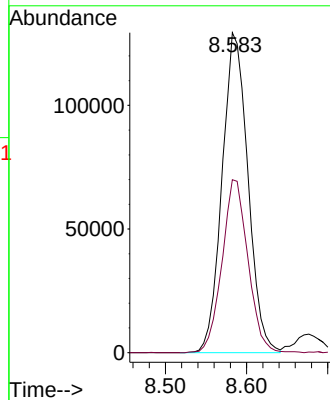
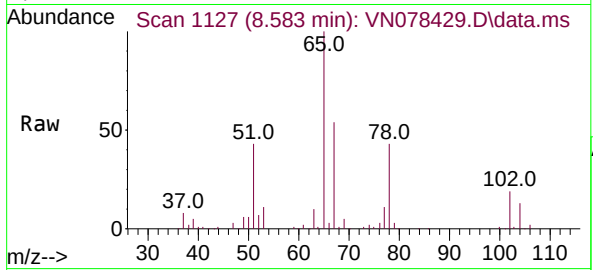
67 54.3 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2023

Supervised By :Mahesh Dadoda 06/28/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078429.D

Acq: 27 Jun 2023 20:17

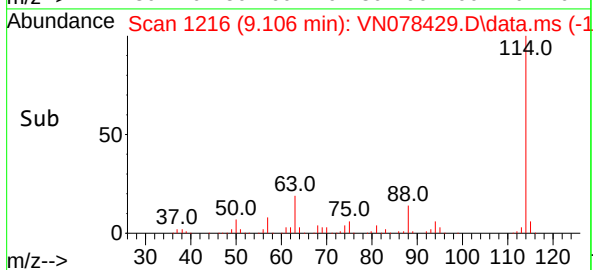
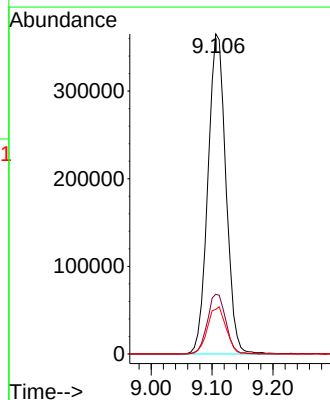
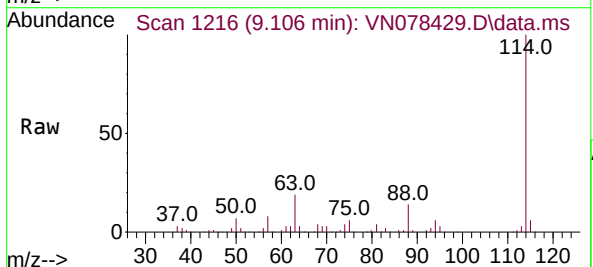
Tgt Ion:114 Resp: 749369

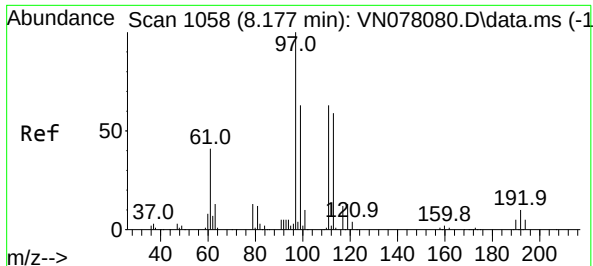
Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.4

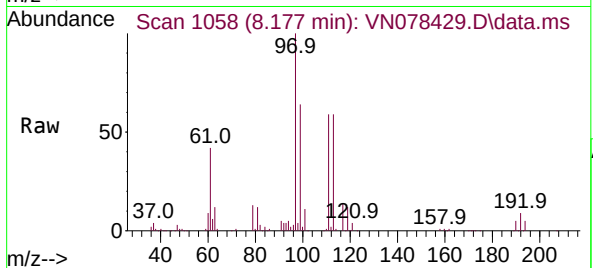
88 13.9 0.0 30.6





#35  
Dibromofluoromethane  
Concen: 55.326 ug/l  
RT: 8.177 min Scan# 1058  
Delta R.T. 0.000 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17

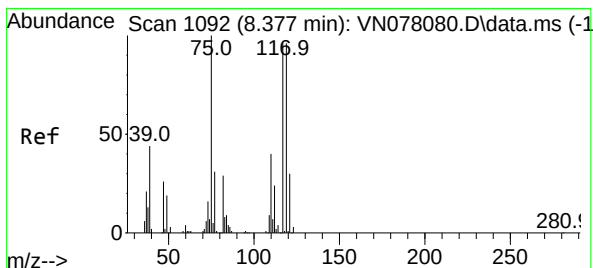
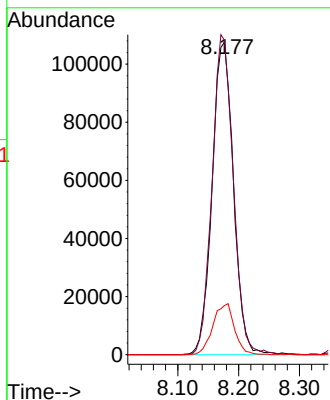
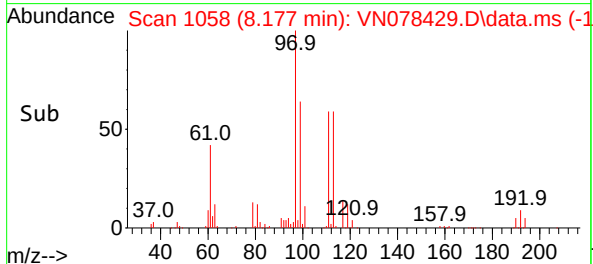
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



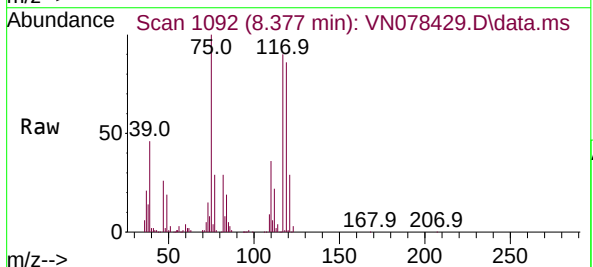
Tgt Ion:113 Resp: 262144  
Ion Ratio Lower Upper  
113 100  
111 101.4 82.6 123.8  
192 16.5 12.7 19.1

Manual Integrations  
APPROVED

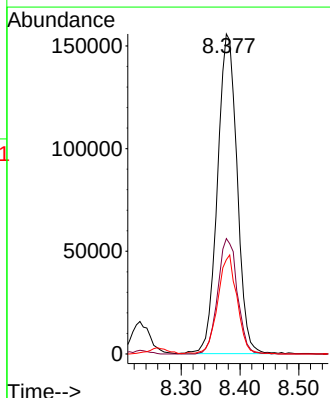
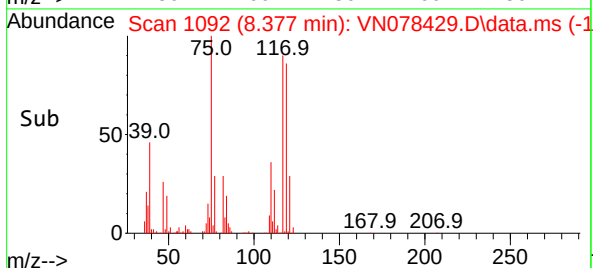
Reviewed By :John Carlone 06/28/2023  
Supervised By :Mahesh Dadoda 06/28/2023

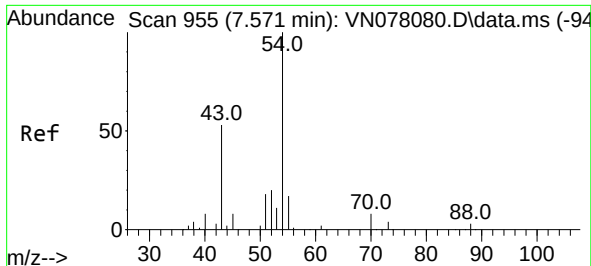


#36  
1,1-Dichloropropene  
Concen: 53.115 ug/l  
RT: 8.377 min Scan# 1092  
Delta R.T. 0.000 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17



Tgt Ion: 75 Resp: 360986  
Ion Ratio Lower Upper  
75 100  
110 36.1 19.1 57.3  
77 30.6 25.0 37.4





#37

Ethyl Acetate

Concen: 56.223 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN078429.D

Acq: 27 Jun 2023 20:17

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 298504

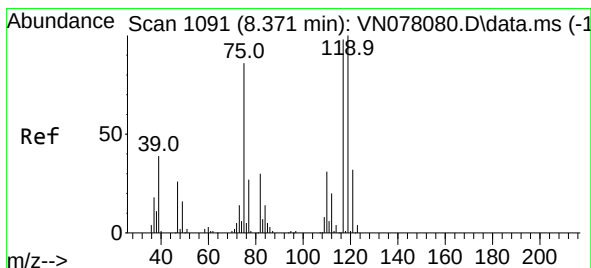
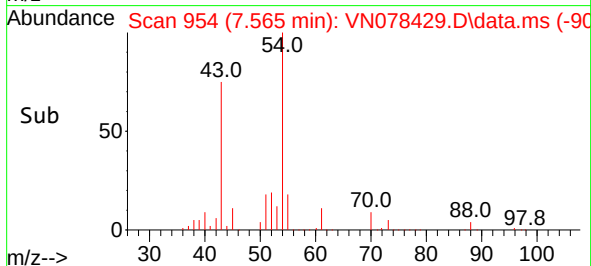
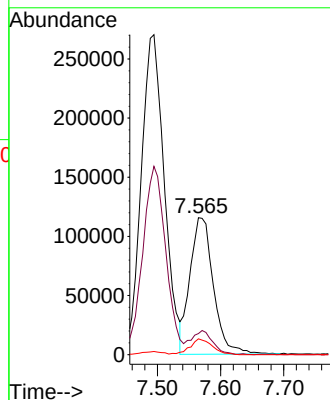
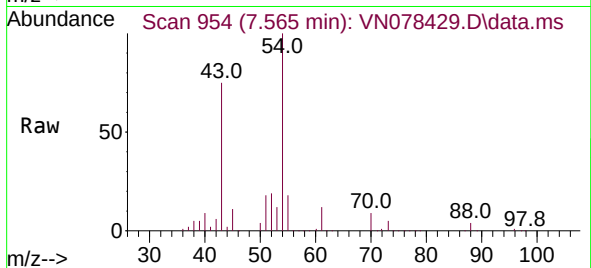
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 15.7  | 13.2  | 19.8  |
| 70  | 11.0  | 11.3  | 16.9  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2023

Supervised By :Mahesh Dadoda 06/28/2023



#38

Carbon Tetrachloride

Concen: 54.553 ug/l

RT: 8.371 min Scan# 1091

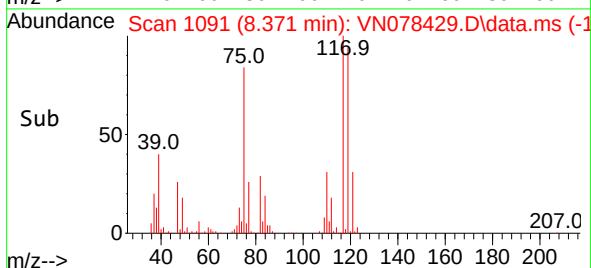
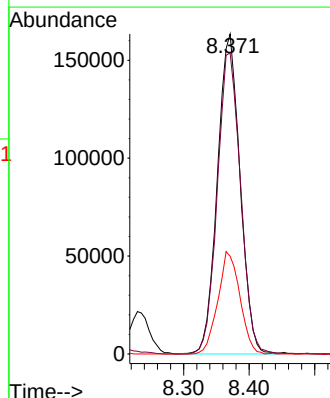
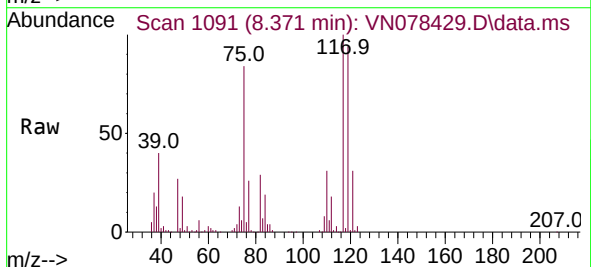
Delta R.T. 0.000 min

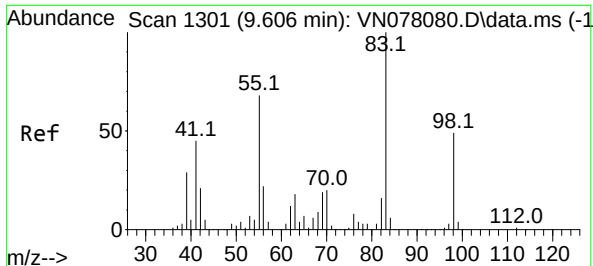
Lab File: VN078429.D

Acq: 27 Jun 2023 20:17

Tgt Ion:117 Resp: 391484

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 94.0  | 77.3  | 115.9 |
| 121 | 30.6  | 23.3  | 34.9  |





#39

Methylcyclohexane

Concen: 45.377 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN078429.D

Acq: 27 Jun 2023 20:17

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 31960

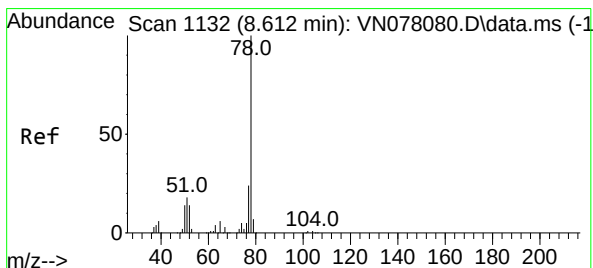
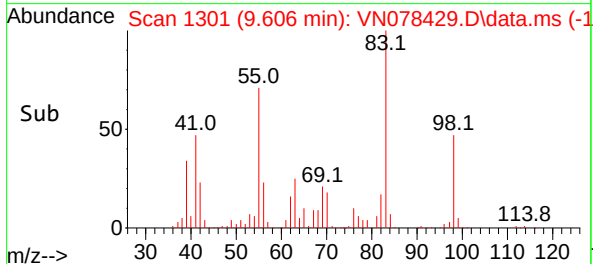
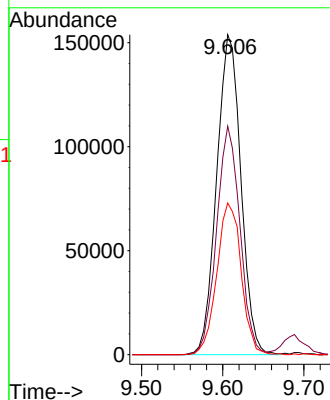
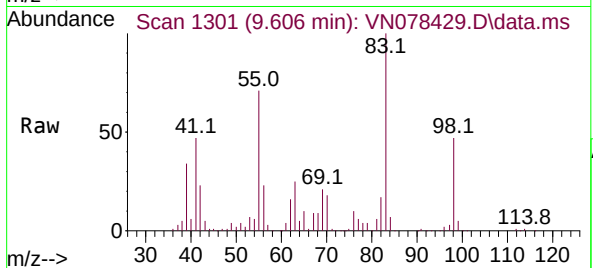
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 71.4  | 49.1  | 73.7  |
| 98  | 47.4  | 40.6  | 61.0  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2023

Supervised By :Mahesh Dadoda 06/28/2023



#40

Benzene

Concen: 54.053 ug/l

RT: 8.612 min Scan# 1132

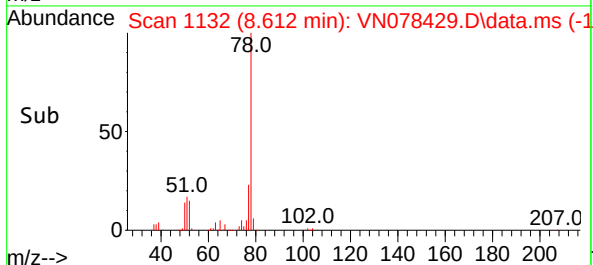
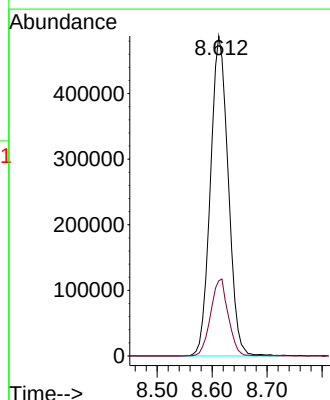
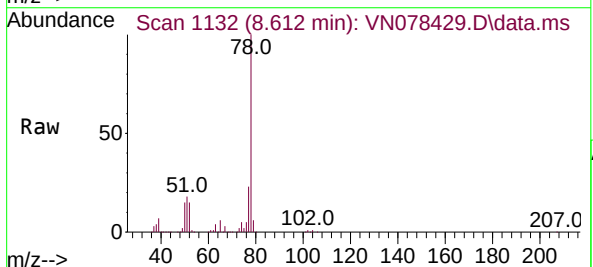
Delta R.T. 0.000 min

Lab File: VN078429.D

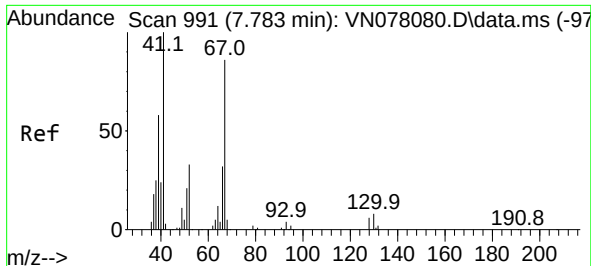
Acq: 27 Jun 2023 20:17

Tgt Ion: 78 Resp: 1096740

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 23.5  | 19.0  | 28.6  |







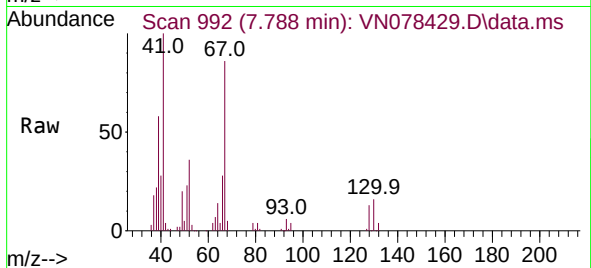
#41  
Methacrylonitrile  
Concen: 54.390 ug/l  
RT: 7.788 min Scan# 991  
Delta R.T. 0.006 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC



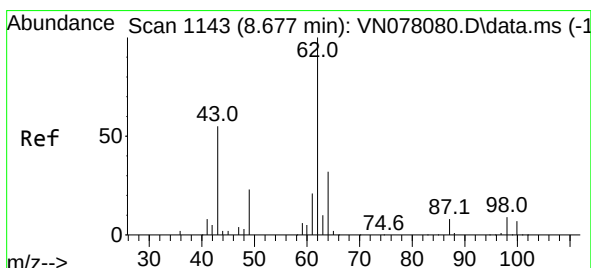
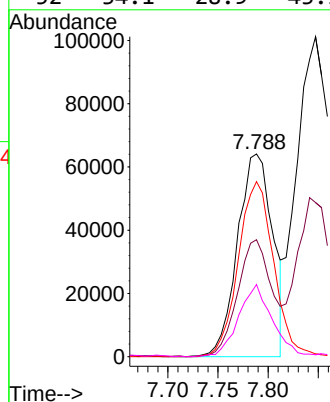
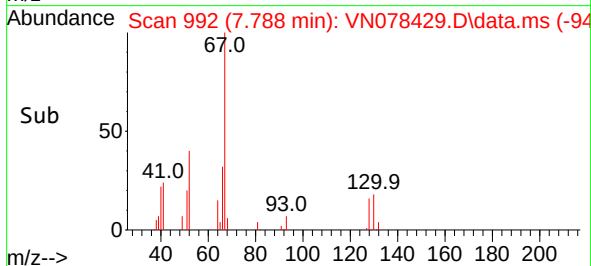
Tgt Ion: 41 Resp: 15652  
Ion Ratio Lower Upper  
41 100  
39 55.6 42.6 64.0  
67 86.9 77.5 116.3  
52 34.1 28.9 43.3

Manual Integrations

APPROVED

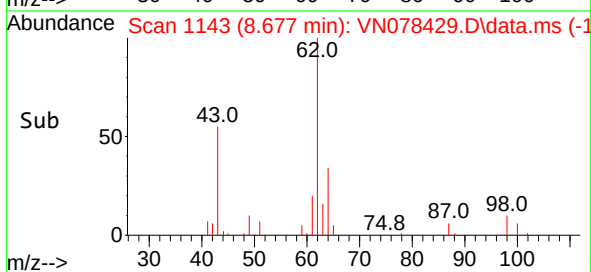
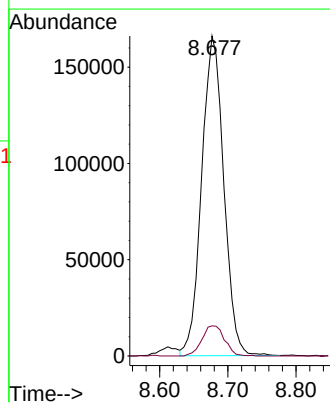
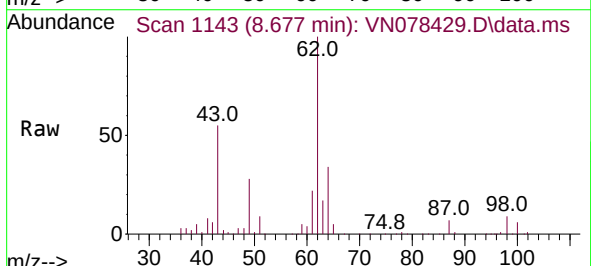
Reviewed By :John Carlone 06/28/2023

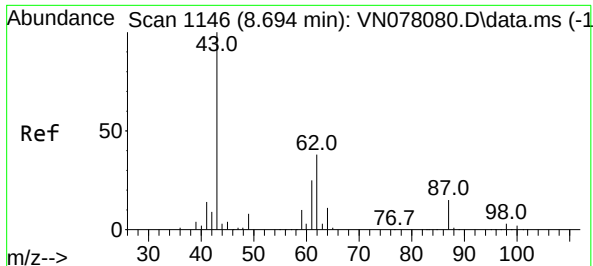
Supervised By :Mahesh Dadoda 06/28/2023



#42  
1,2-Dichloroethane  
Concen: 53.862 ug/l  
RT: 8.677 min Scan# 1143  
Delta R.T. 0.000 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17

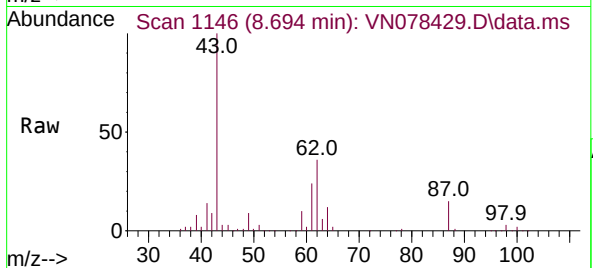
Tgt Ion: 62 Resp: 374708  
Ion Ratio Lower Upper  
62 100  
98 9.6 0.0 19.8





#43  
Isopropyl Acetate  
Concen: 51.685 ug/l  
RT: 8.694 min Scan# 1146  
Delta R.T. 0.000 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17

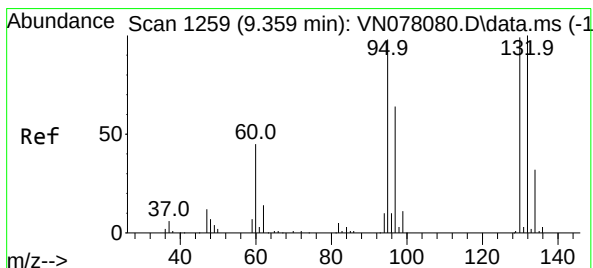
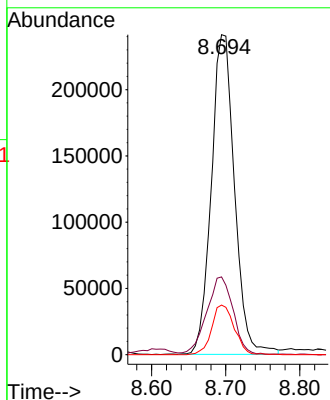
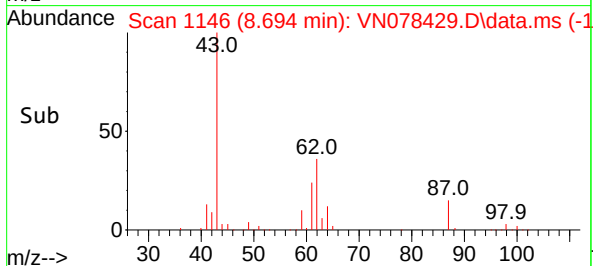
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 43 Resp: 52479  
Ion Ratio Lower Upper  
43 100  
61 27.4 24.7 37.1  
87 15.2 14.6 21.8

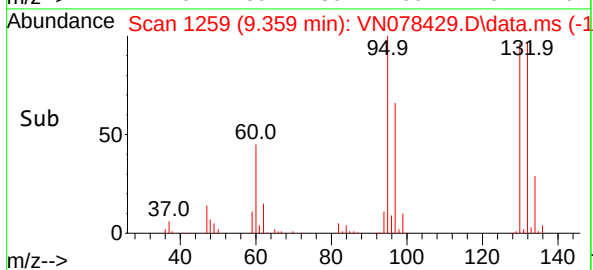
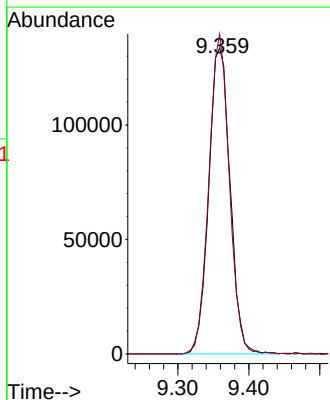
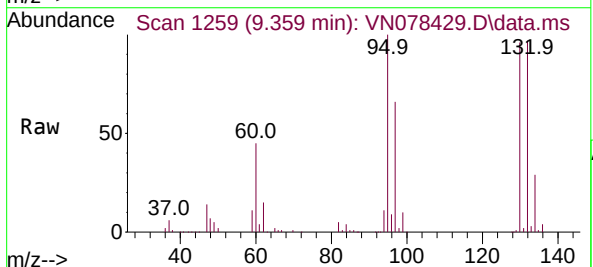
Manual Integrations  
APPROVED

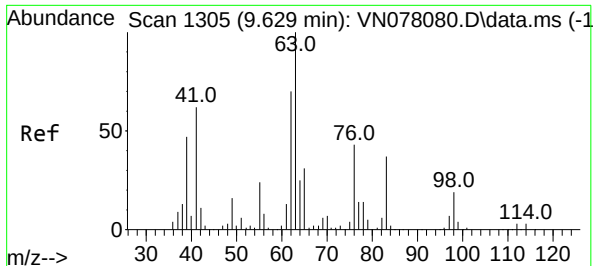
Reviewed By :John Carlone 06/28/2023  
Supervised By :Mahesh Dadoda 06/28/2023



#44  
Trichloroethene  
Concen: 52.062 ug/l  
RT: 9.359 min Scan# 1259  
Delta R.T. 0.000 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17

Tgt Ion:130 Resp: 278964  
Ion Ratio Lower Upper  
130 100  
95 104.5 0.0 204.6





#45

1,2-Dichloropropane

Concen: 56.797 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN078429.D

Acq: 27 Jun 2023 20:17

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 28672

Ion Ratio Lower Upper

63 100

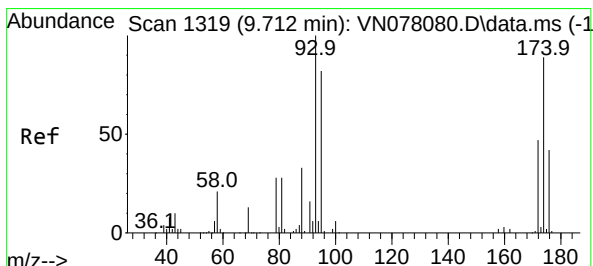
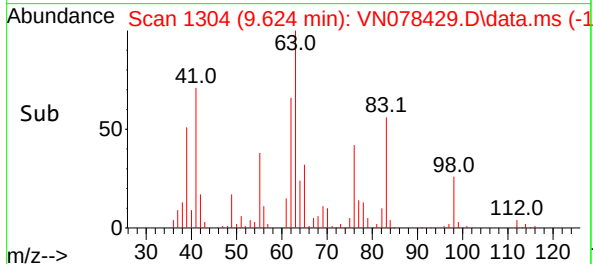
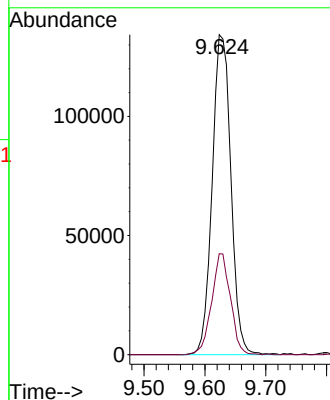
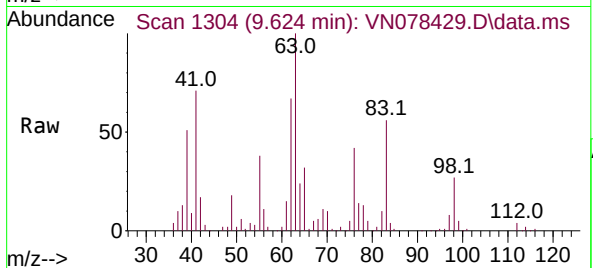
65 31.5 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2023

Supervised By :Mahesh Dadoda 06/28/2023



#46

Dibromomethane

Concen: 54.073 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN078429.D

Acq: 27 Jun 2023 20:17

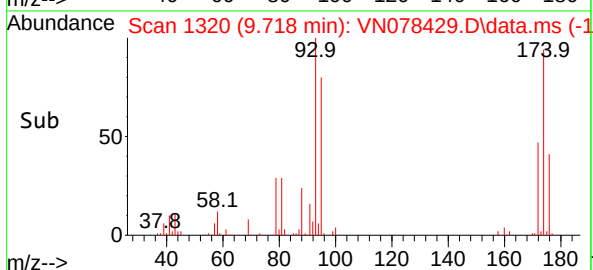
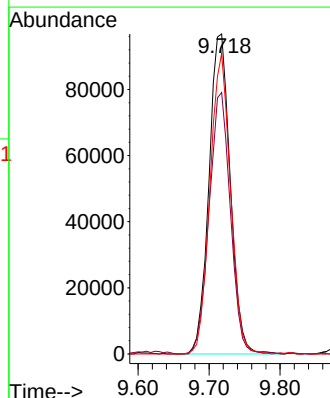
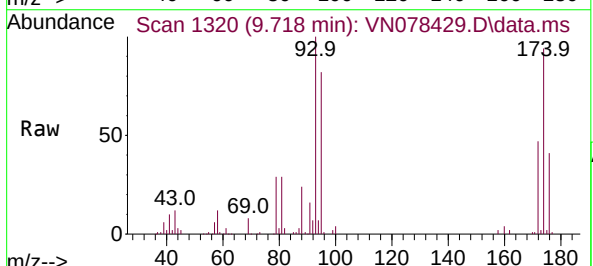
Tgt Ion: 93 Resp: 201059

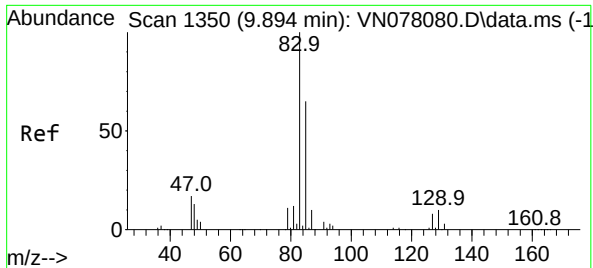
Ion Ratio Lower Upper

93 100

95 81.4 63.8 95.8

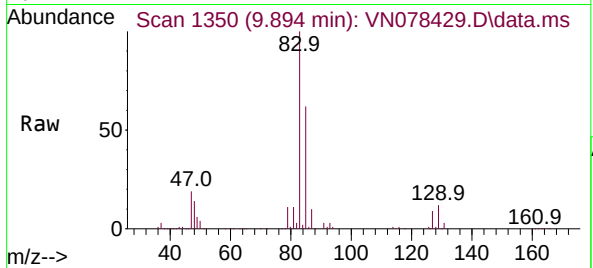
174 90.6 65.6 98.4





#47  
Bromodichloromethane  
Concen: 57.536 ug/l  
RT: 9.894 min Scan# 1350  
Delta R.T. 0.000 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17

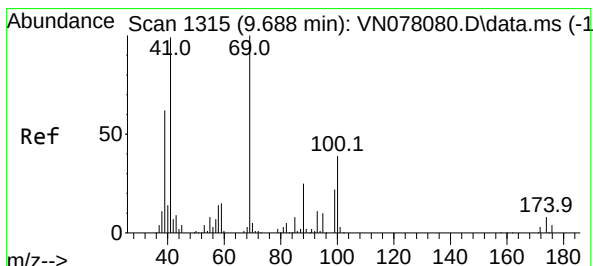
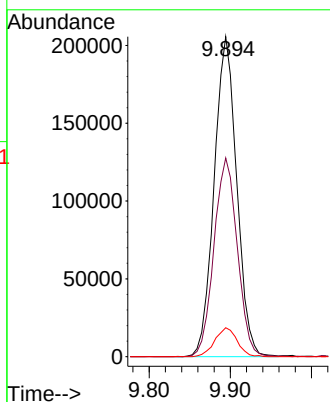
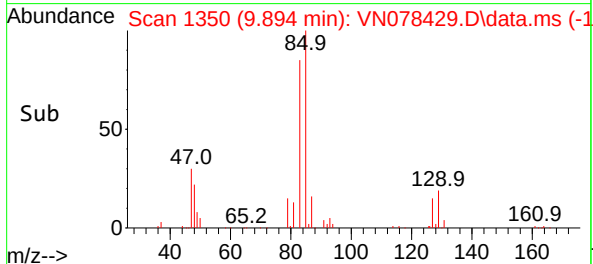
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 83 Resp: 39739  
Ion Ratio Lower Upper  
83 100  
85 62.1 49.6 74.4  
127 9.0 7.0 10.6

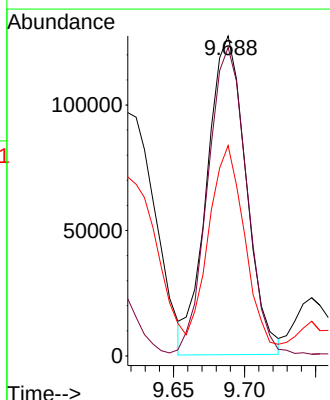
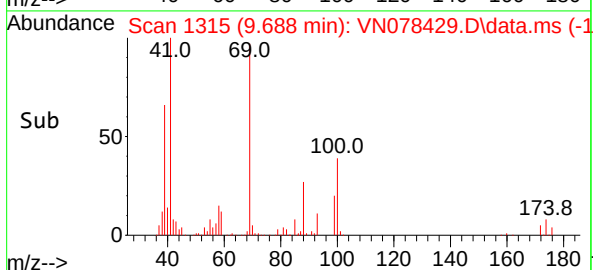
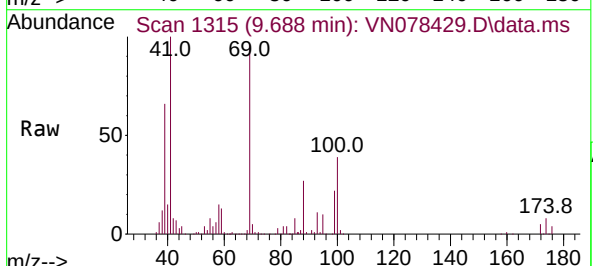
Manual Integrations  
APPROVED

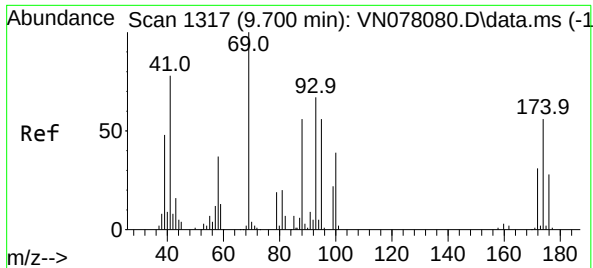
Reviewed By :John Carlone 06/28/2023  
Supervised By :Mahesh Dadoda 06/28/2023



#48  
Methyl methacrylate  
Concen: 57.145 ug/l  
RT: 9.688 min Scan# 1315  
Delta R.T. 0.000 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17

Tgt Ion: 41 Resp: 243499  
Ion Ratio Lower Upper  
41 100  
69 96.9 90.4 135.6  
39 62.5 54.6 81.8





#49

1,4-Dioxane

Concen: 1132.137 ug/l

RT: 9.700 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN078429.D

Acq: 27 Jun 2023 20:17

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 10139

Ion Ratio Lower Upper

88 100

43 23.5 17.0 25.6

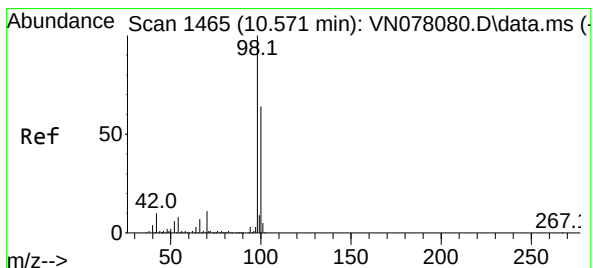
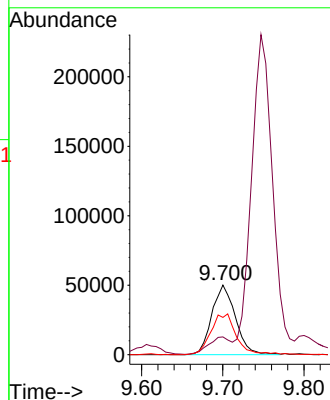
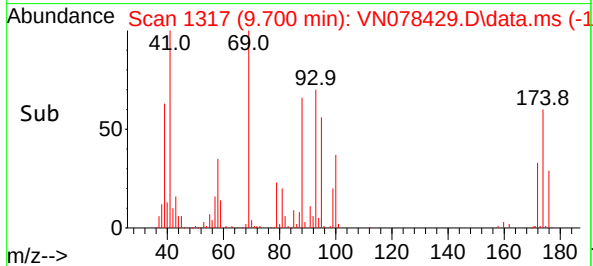
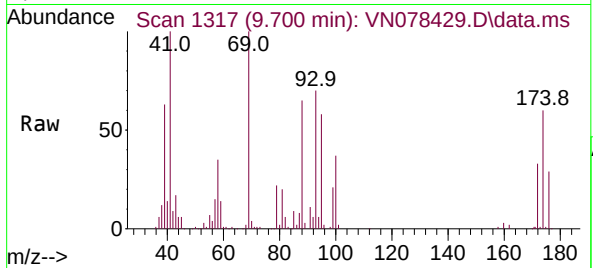
58 63.9 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2023

Supervised By :Mahesh Dadoda 06/28/2023



#50

Toluene-d8

Concen: 50.539 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN078429.D

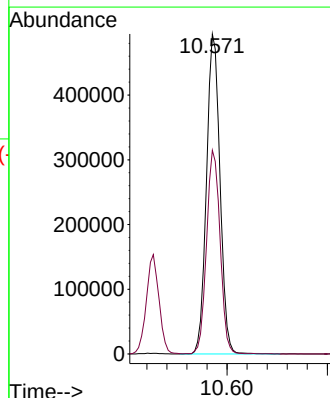
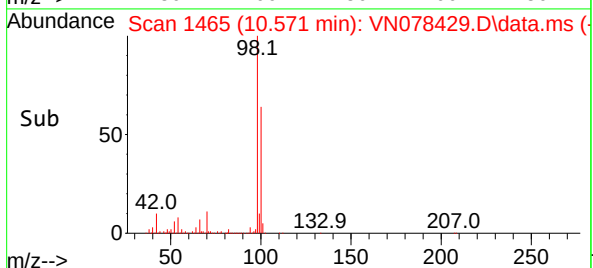
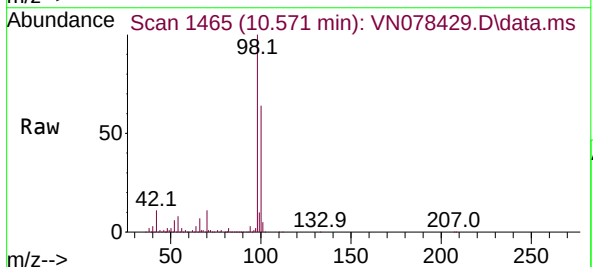
Acq: 27 Jun 2023 20:17

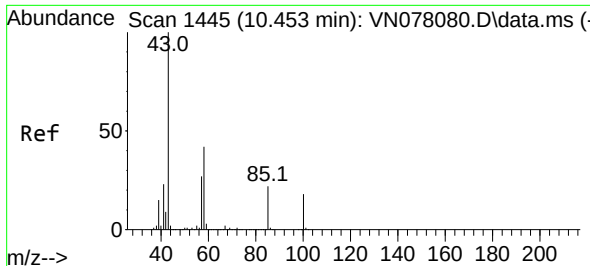
Tgt Ion: 98 Resp: 923151

Ion Ratio Lower Upper

98 100

100 63.6 52.0 78.0





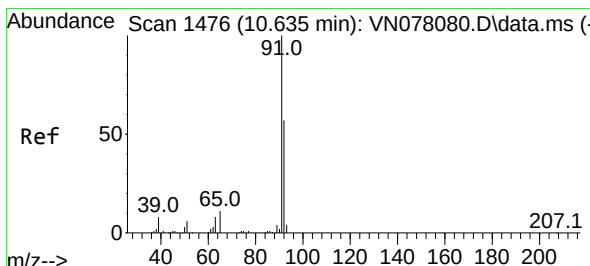
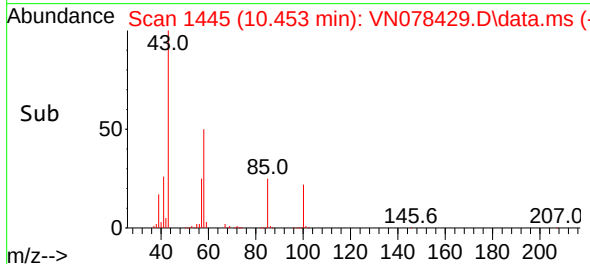
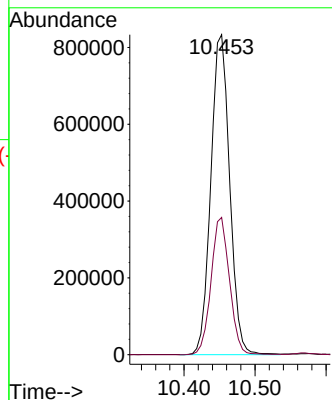
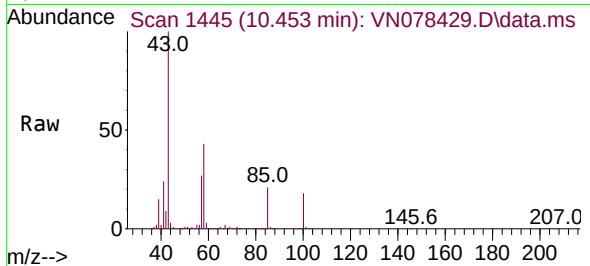
#51  
4-Methyl-2-Pentanone  
Concen: 286.596 ug/l  
RT: 10.453 min Scan# 1445  
Delta R.T. 0.000 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 43 Resp: 153239  
Ion Ratio Lower Upper  
43 100  
58 42.1 36.6 54.8

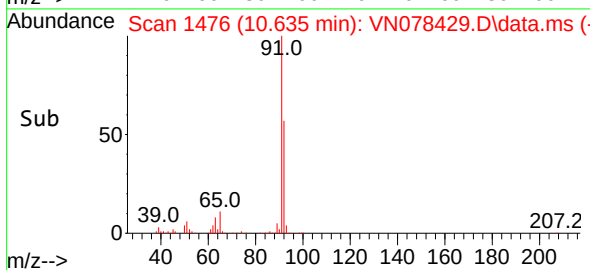
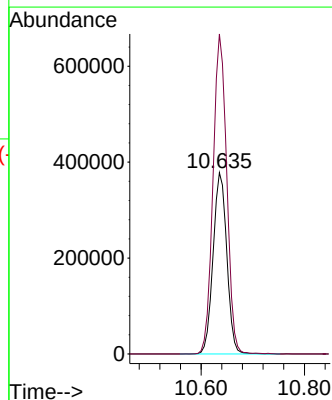
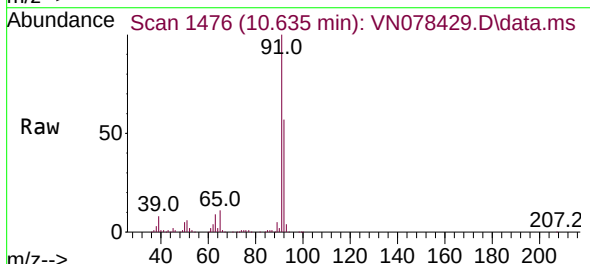
Manual Integrations  
**APPROVED**

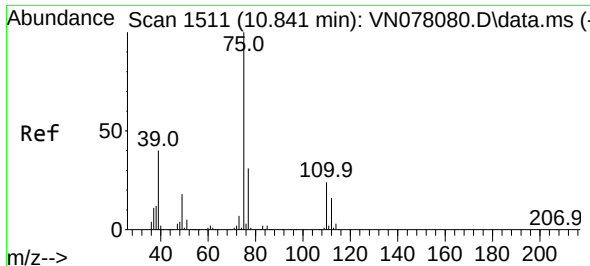
Reviewed By :John Carlone 06/28/2023  
Supervised By :Mahesh Dadoda 06/28/2023



#52  
Toluene  
Concen: 54.293 ug/l  
RT: 10.635 min Scan# 1476  
Delta R.T. 0.000 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17

Tgt Ion: 92 Resp: 695526  
Ion Ratio Lower Upper  
92 100  
91 176.1 137.4 206.0





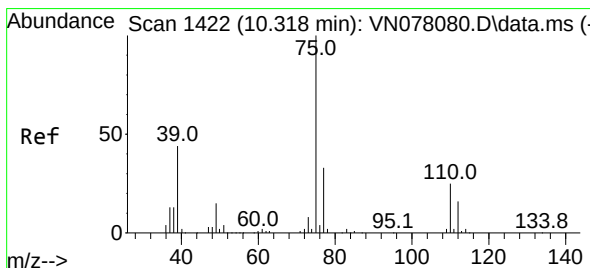
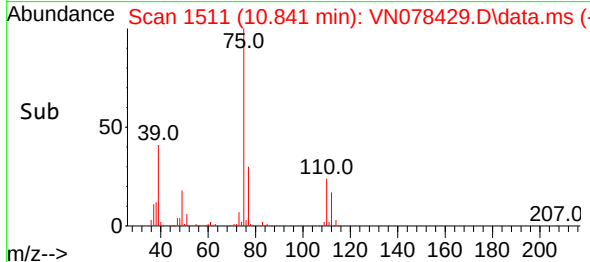
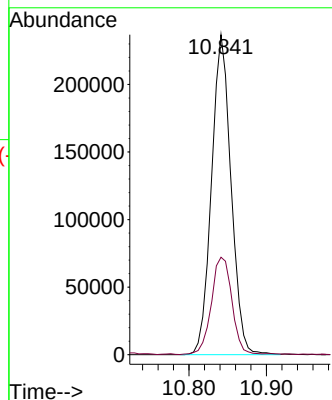
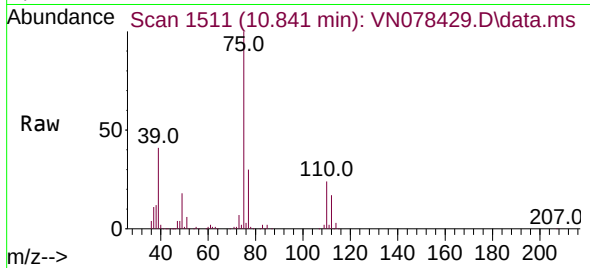
#53  
t-1,3-Dichloropropene  
Concen: 57.562 ug/l  
RT: 10.841 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 75 Resp: 41404  
Ion Ratio Lower Upper  
75 100  
77 30.4 25.4 38.0

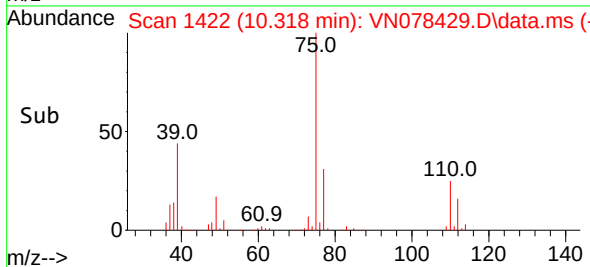
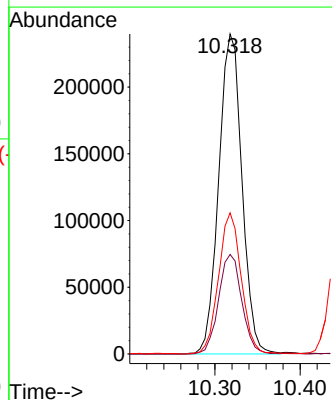
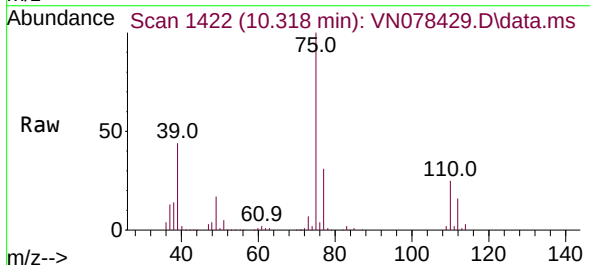
Manual Integrations  
APPROVED

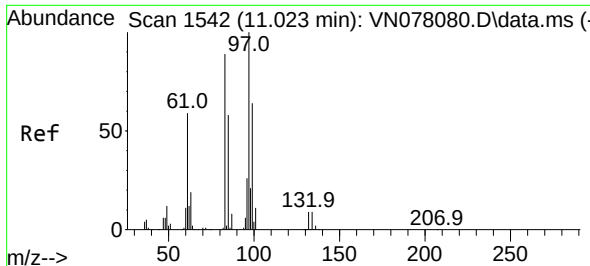
Reviewed By :John Carlone 06/28/2023  
Supervised By :Mahesh Dadoda 06/28/2023



#54  
cis-1,3-Dichloropropene  
Concen: 57.152 ug/l  
RT: 10.318 min Scan# 1422  
Delta R.T. 0.000 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17

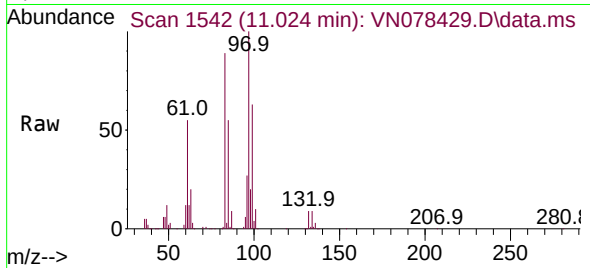
Tgt Ion: 75 Resp: 454438  
Ion Ratio Lower Upper  
75 100  
77 31.1 26.1 39.1  
39 44.1 31.6 47.4





#55  
1,1,2-Trichloroethane  
Concen: 57.150 ug/l  
RT: 11.024 min Scan# 1542  
Delta R.T. 0.000 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17

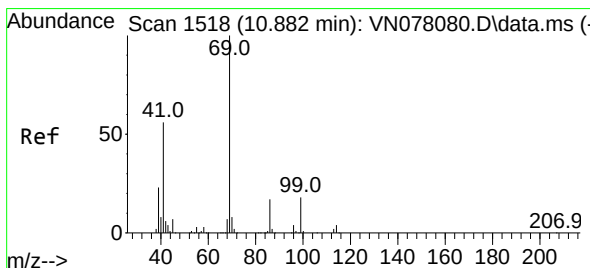
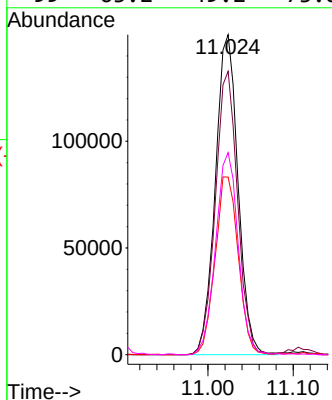
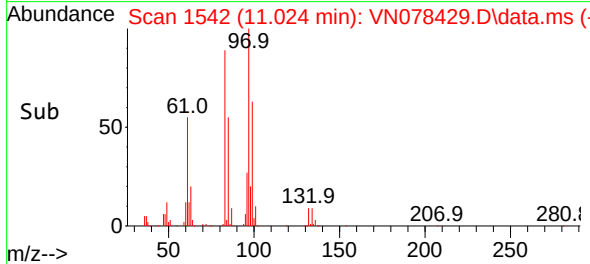
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



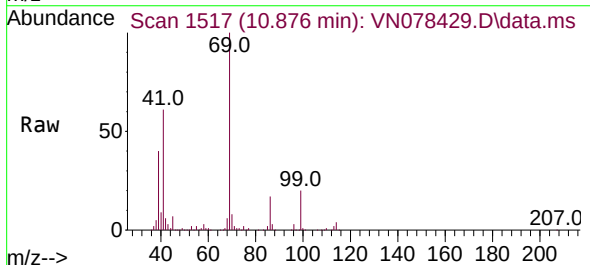
Tgt Ion: 97 Resp: 276958  
Ion Ratio Lower Upper  
97 100  
83 88.6 65.1 97.7  
85 55.5 43.4 65.2  
99 63.2 49.2 73.8

Manual Integrations  
APPROVED

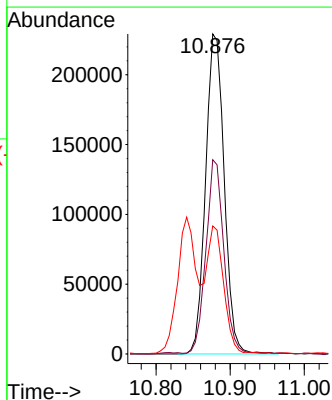
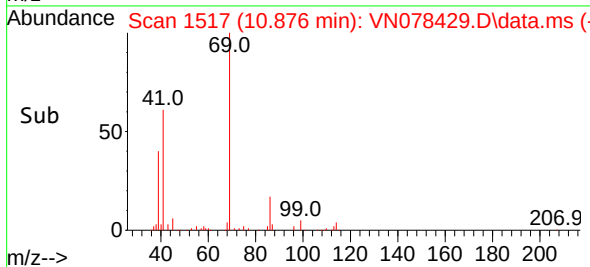
Reviewed By :John Carlone 06/28/2023  
Supervised By :Mahesh Dadoda 06/28/2023



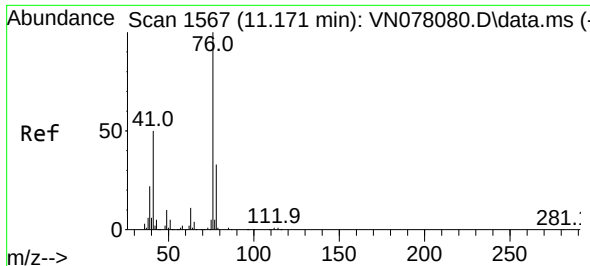
#56  
Ethyl methacrylate  
Concen: 56.775 ug/l  
RT: 10.876 min Scan# 1517  
Delta R.T. -0.006 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17



Tgt Ion: 69 Resp: 400618  
Ion Ratio Lower Upper  
69 100  
41 57.9 39.6 59.4  
39 38.1 28.6 43.0

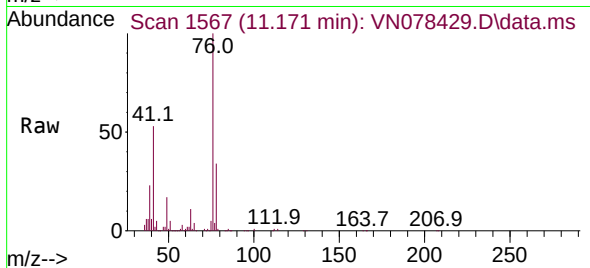






#57  
1,3-Dichloropropane  
Concen: 57.406 ug/l  
RT: 11.171 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17

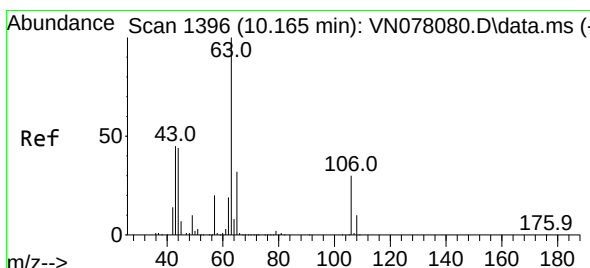
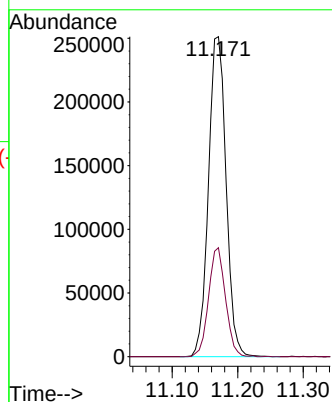
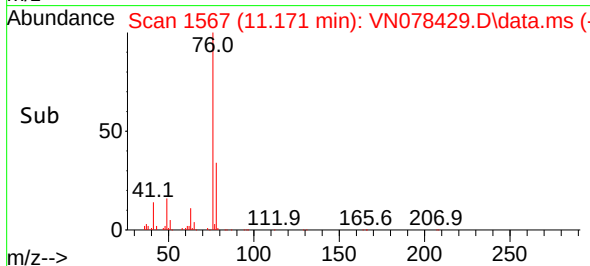
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 76 Resp: 46958  
Ion Ratio Lower Upper  
76 100  
78 32.7 26.1 39.1

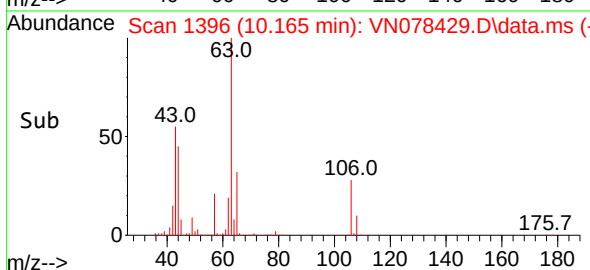
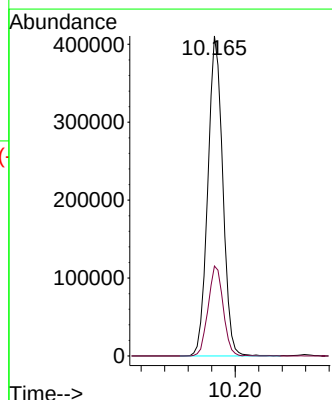
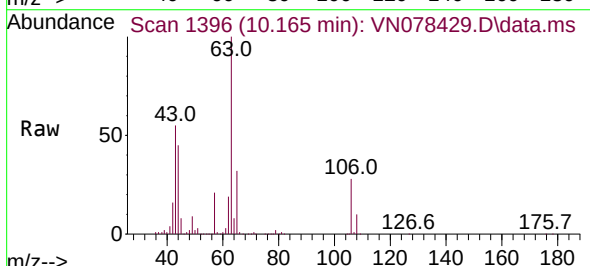
Manual Integrations  
APPROVED

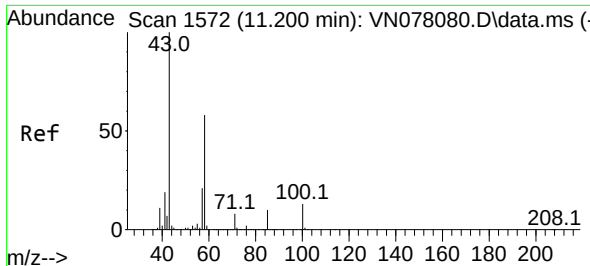
Reviewed By :John Carlone 06/28/2023  
Supervised By :Mahesh Dadoda 06/28/2023



#58  
2-Chloroethyl Vinyl ether  
Concen: 252.764 ug/l  
RT: 10.165 min Scan# 1396  
Delta R.T. 0.000 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17

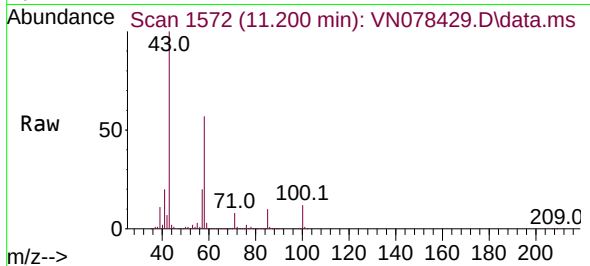
Tgt Ion: 63 Resp: 720507  
Ion Ratio Lower Upper  
63 100  
106 28.3 26.2 39.4





#59  
2-Hexanone  
Concen: 292.002 ug/l  
RT: 11.200 min Scan# 1100  
Delta R.T. 0.000 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17

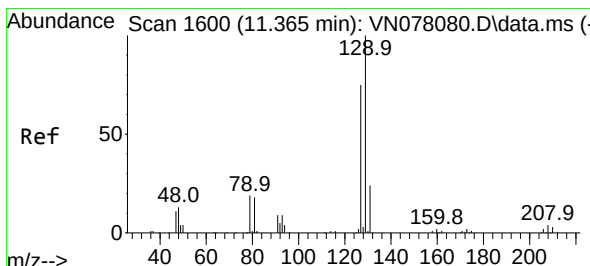
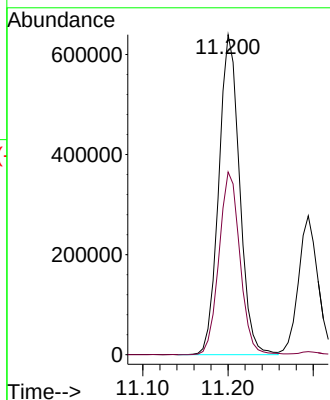
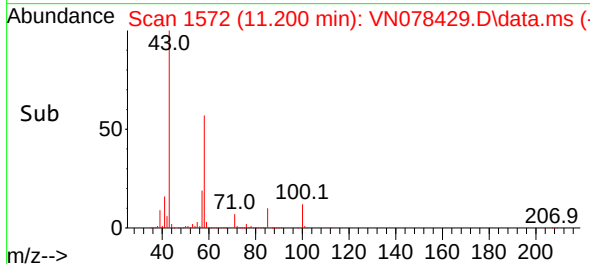
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 43 Resp: 1087110  
Ion Ratio Lower Upper  
43 100  
58 57.4 31.7 95.1

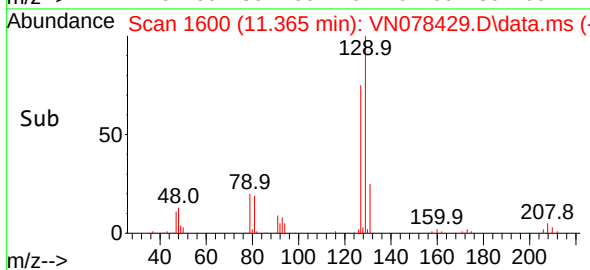
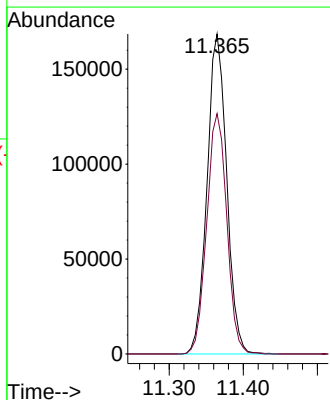
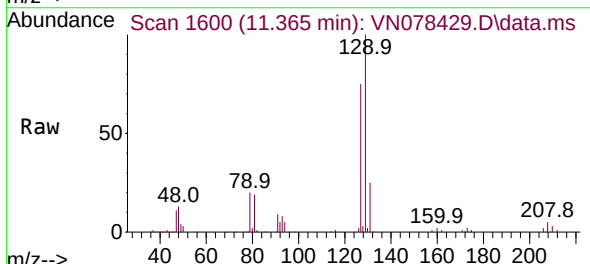
Manual Integrations  
APPROVED

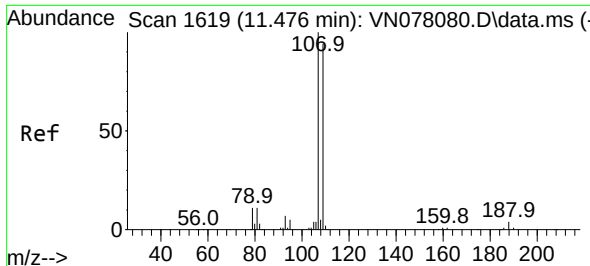
Reviewed By :John Carlone 06/28/2023  
Supervised By :Mahesh Dadoda 06/28/2023



#60  
Dibromochloromethane  
Concen: 58.511 ug/l  
RT: 11.365 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17

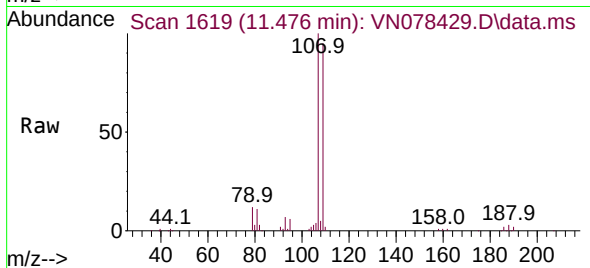
Tgt Ion:129 Resp: 310276  
Ion Ratio Lower Upper  
129 100  
127 76.7 38.6 116.0





#61  
1,2-Dibromoethane  
Concen: 56.344 ug/l  
RT: 11.476 min Scan# 1619  
Delta R.T. 0.000 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17

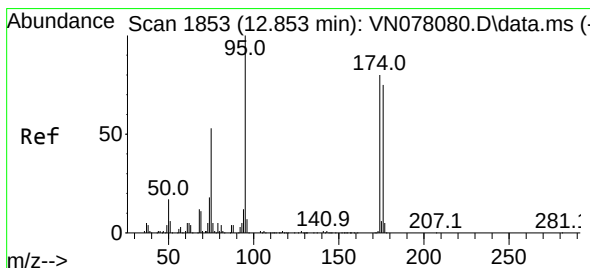
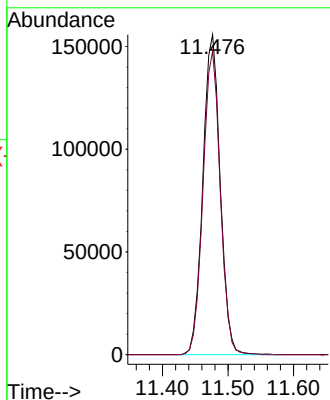
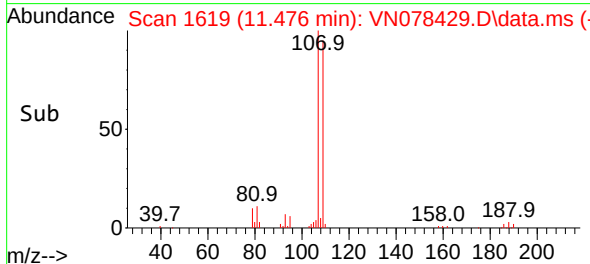
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



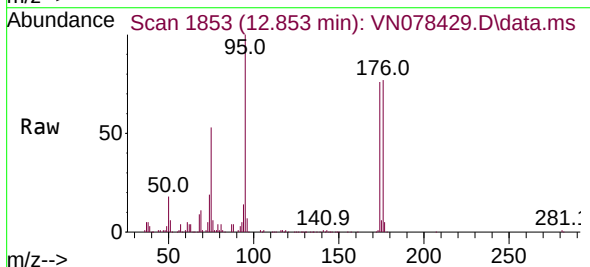
Tgt Ion:107 Resp: 28654  
Ion Ratio Lower Upper  
107 100  
109 94.5 76.6 114.8

Manual Integrations  
APPROVED

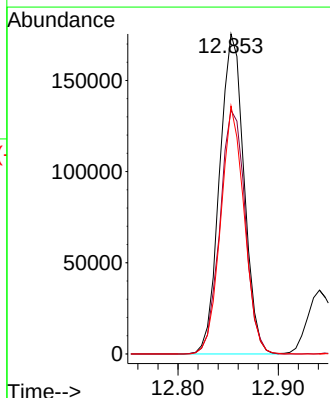
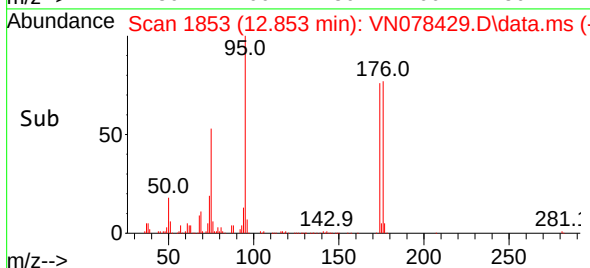
Reviewed By :John Carlone 06/28/2023  
Supervised By :Mahesh Dadoda 06/28/2023

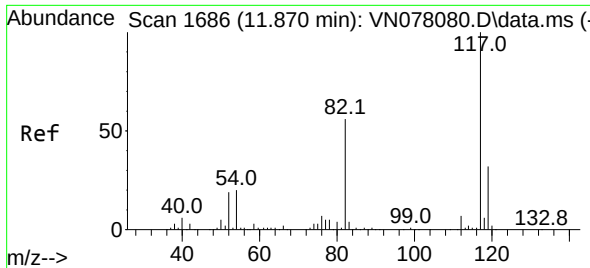


#62  
4-Bromofluorobenzene  
Concen: 52.199 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17



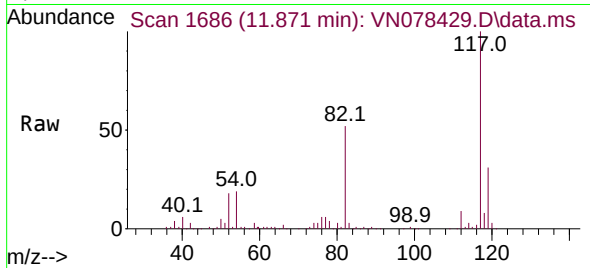
Tgt Ion: 95 Resp: 296411  
Ion Ratio Lower Upper  
95 100  
174 78.8 0.0 143.8  
176 74.9 0.0 135.8





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 1686  
Delta R.T. 0.000 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17

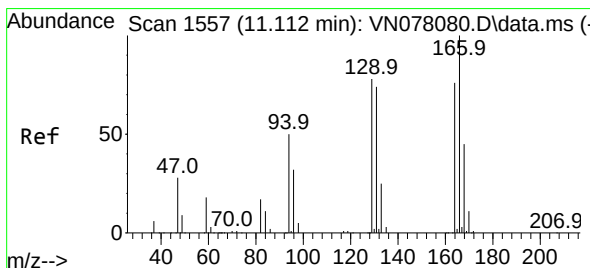
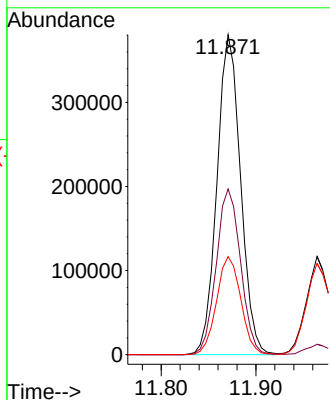
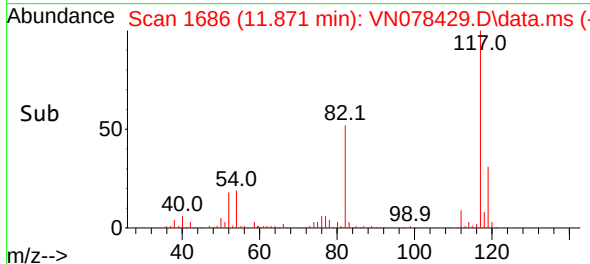
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:117 Resp: 660291  
Ion Ratio Lower Upper  
117 100  
82 51.8 44.0 66.0  
119 30.7 25.6 38.4

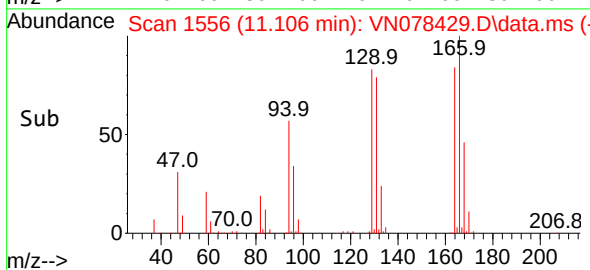
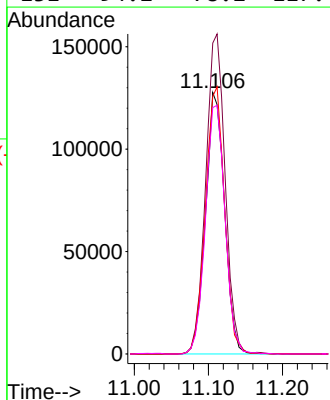
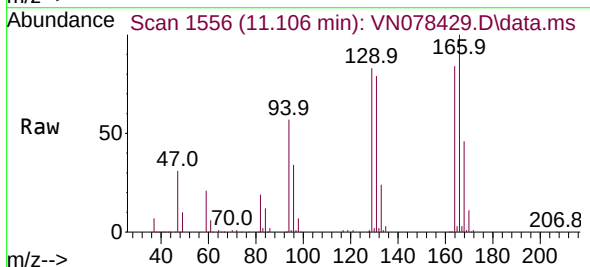
Manual Integrations  
APPROVED

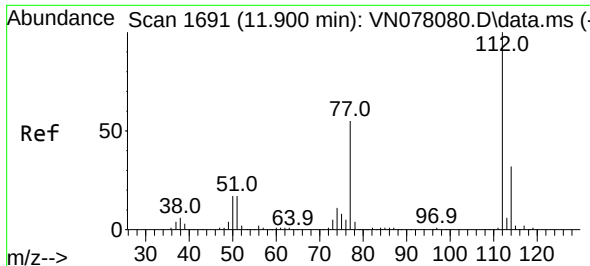
Reviewed By :John Carlone 06/28/2023  
Supervised By :Mahesh Dadoda 06/28/2023



#64  
Tetrachloroethene  
Concen: 51.499 ug/l  
RT: 11.106 min Scan# 1556  
Delta R.T. -0.006 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17

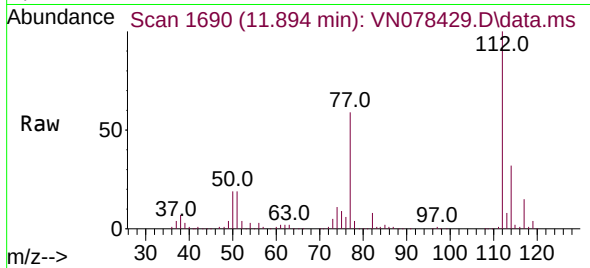
Tgt Ion:164 Resp: 226853  
Ion Ratio Lower Upper  
164 100  
166 118.9 101.4 152.0  
129 98.5 82.4 123.6  
131 94.2 78.2 117.4





#65  
Chlorobenzene  
Concen: 52.253 ug/l  
RT: 11.894 min Scan# 1690  
Delta R.T. -0.006 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17

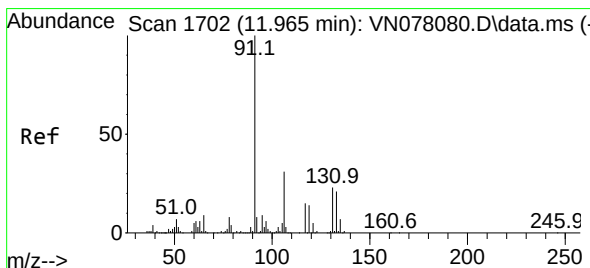
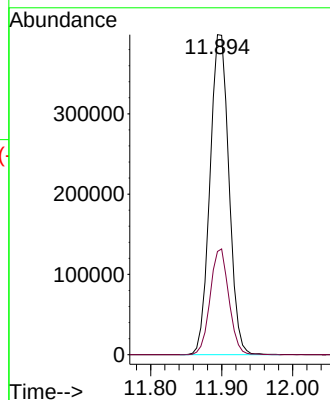
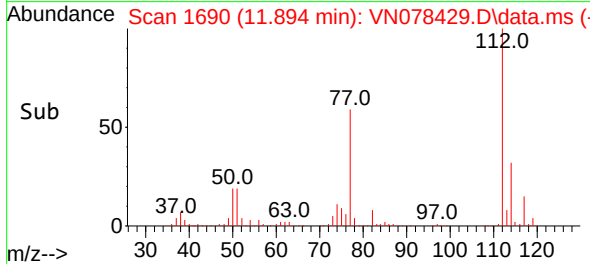
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:112 Resp: 73888  
Ion Ratio Lower Upper  
112 100  
114 32.3 25.0 37.4

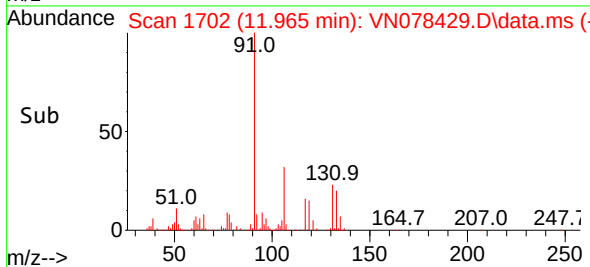
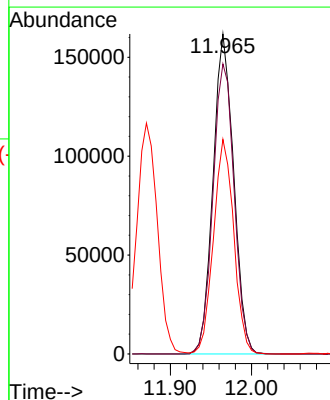
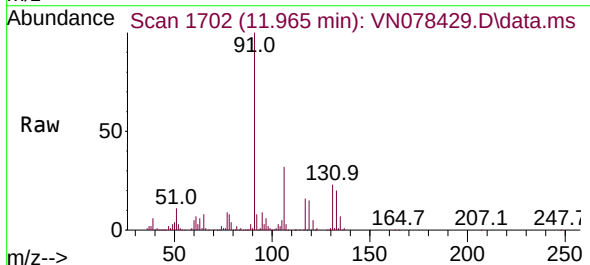
Manual Integrations  
APPROVED

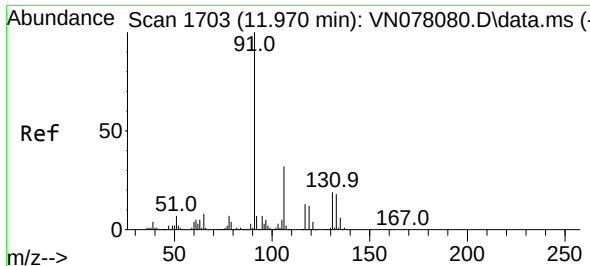
Reviewed By :John Carlone 06/28/2023  
Supervised By :Mahesh Dadoda 06/28/2023



#66  
1,1,1,2-Tetrachloroethane  
Concen: 54.822 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17

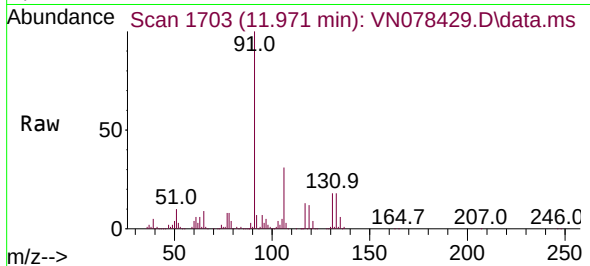
Tgt Ion:131 Resp: 285122  
Ion Ratio Lower Upper  
131 100  
133 93.4 46.4 139.1  
119 66.2 34.1 102.2





#67  
Ethyl Benzene  
Concen: 53.761 ug/l  
RT: 11.971 min Scan# 1703  
Delta R.T. 0.000 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17

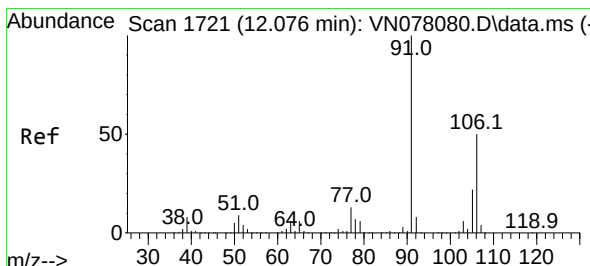
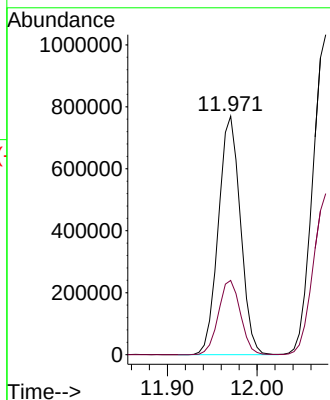
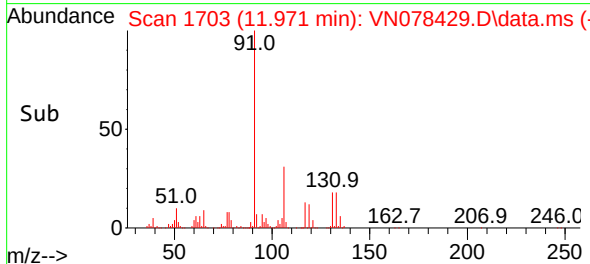
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



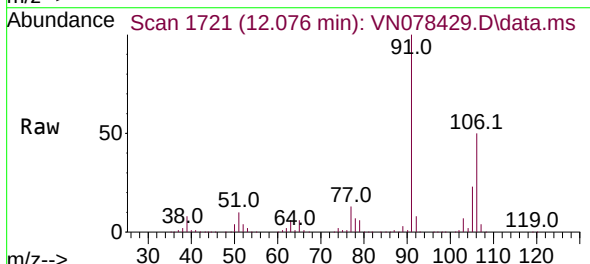
Tgt Ion: 91 Resp: 131172  
Ion Ratio Lower Upper  
91 100  
106 31.1 25.6 38.4

Manual Integrations  
APPROVED

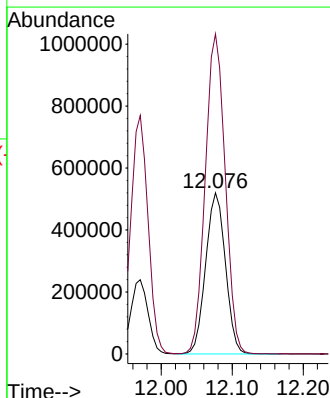
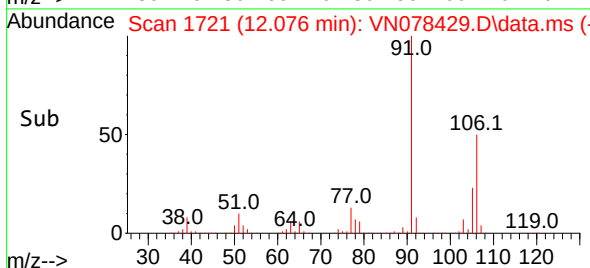
Reviewed By :John Carlone 06/28/2023  
Supervised By :Mahesh Dadoda 06/28/2023

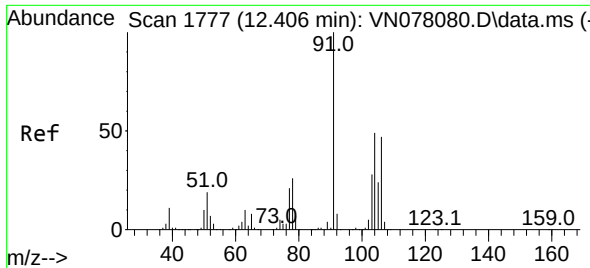


#68  
m/p-Xylenes  
Concen: 108.003 ug/l  
RT: 12.076 min Scan# 1721  
Delta R.T. 0.000 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17



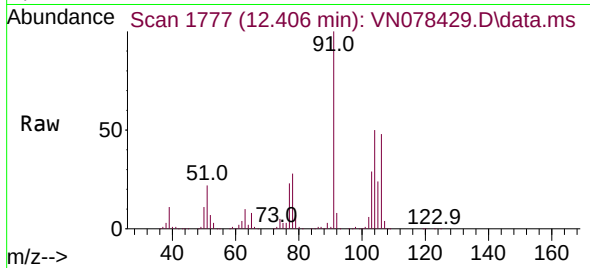
Tgt Ion:106 Resp: 1004273  
Ion Ratio Lower Upper  
106 100  
91 200.4 159.6 239.4





#69  
o-Xylene  
Concen: 54.580 ug/l  
RT: 12.406 min Scan# 1777  
Delta R.T. 0.000 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17

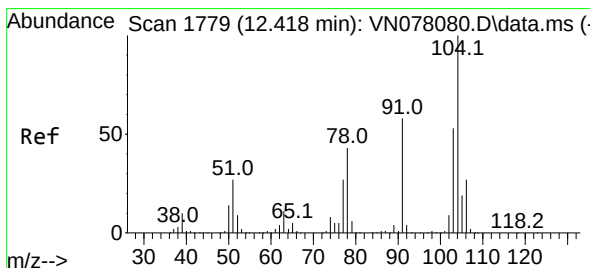
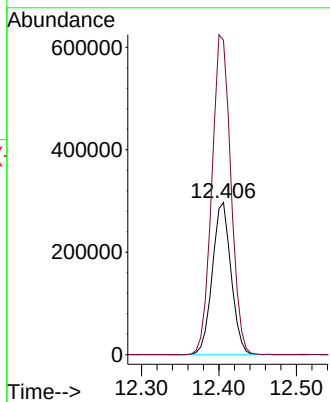
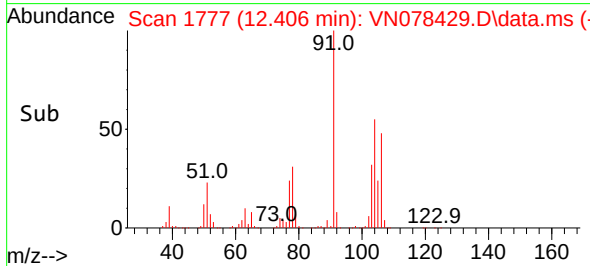
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:106 Resp: 498392  
Ion Ratio Lower Upper  
106 100  
91 213.5 105.2 315.5

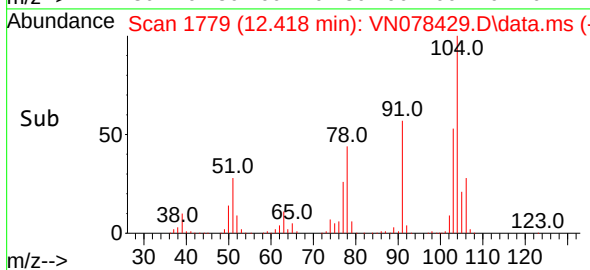
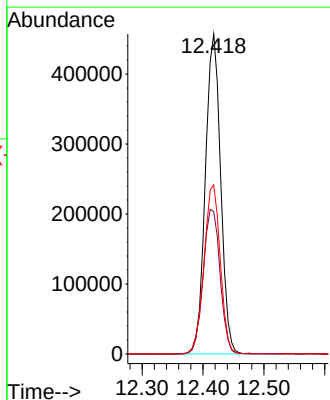
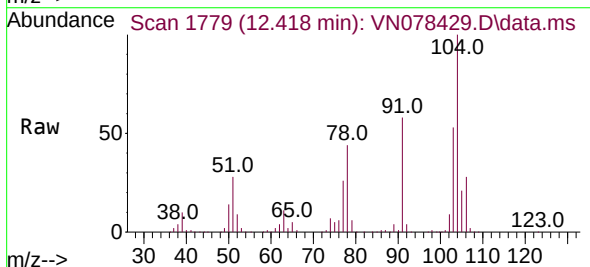
Manual Integrations  
APPROVED

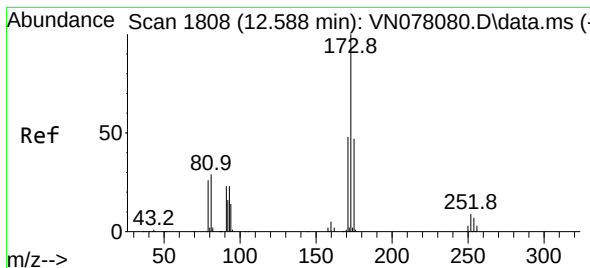
Reviewed By :John Carlone 06/28/2023  
Supervised By :Mahesh Dadoda 06/28/2023



#70  
Styrene  
Concen: 55.521 ug/l  
RT: 12.418 min Scan# 1779  
Delta R.T. 0.000 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17

Tgt Ion:104 Resp: 798148  
Ion Ratio Lower Upper  
104 100  
78 49.9 39.5 59.3  
103 56.2 43.2 64.8





#71

Bromoform

Concen: 58.018 ug/l

RT: 12.582 min Scan# 1808

Delta R.T. -0.006 min

Lab File: VN078429.D

Acq: 27 Jun 2023 20:17

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 194729

Ion Ratio Lower Upper

173 100

175 50.9 24.3 73.0

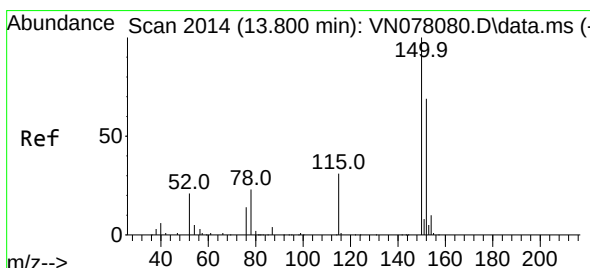
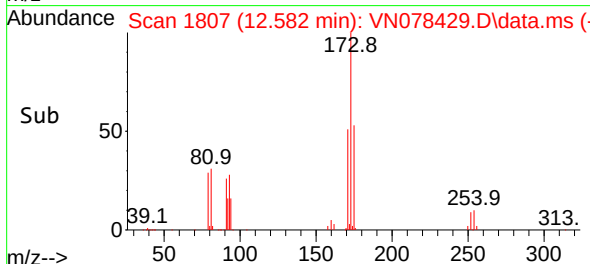
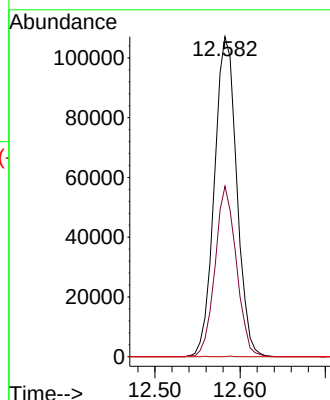
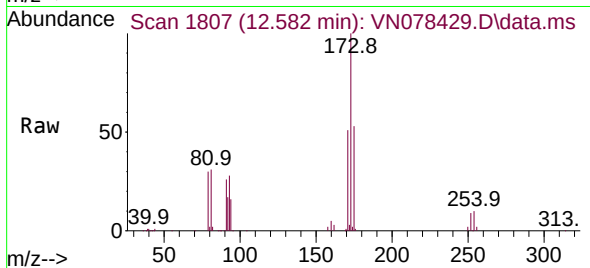
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2023

Supervised By :Mahesh Dadoda 06/28/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.006 min

Lab File: VN078429.D

Acq: 27 Jun 2023 20:17

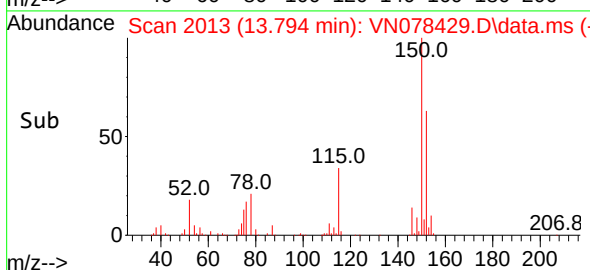
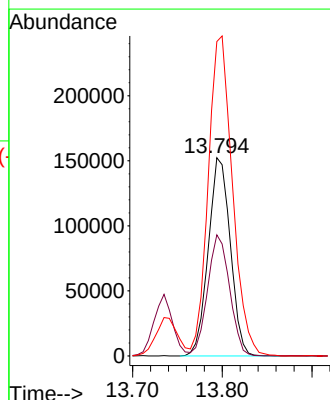
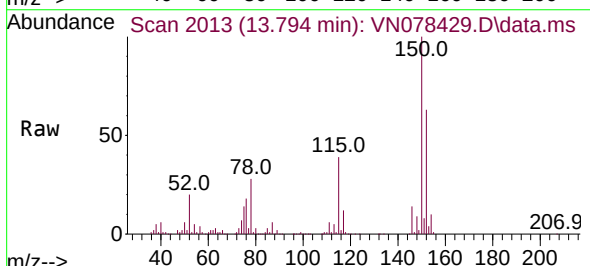
Tgt Ion:152 Resp: 259884

Ion Ratio Lower Upper

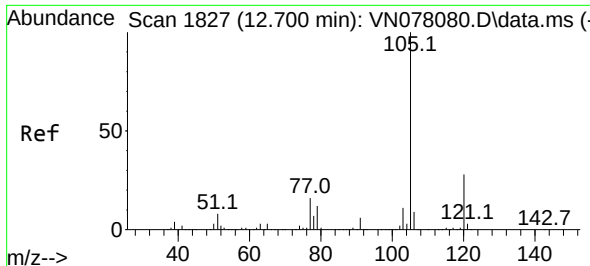
152 100

115 60.9 32.3 96.8

150 177.2 0.0 355.8

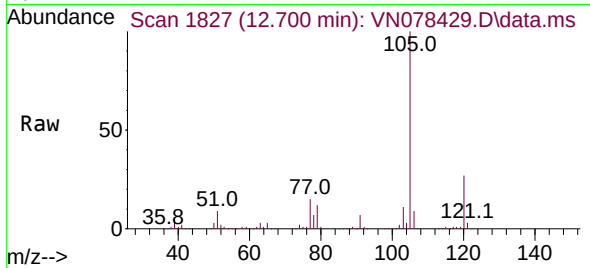






#73  
Isopropylbenzene  
Concen: 48.731 ug/l  
RT: 12.700 min Scan# 119757  
Delta R.T. 0.000 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17

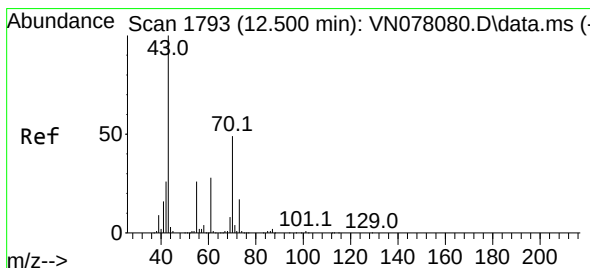
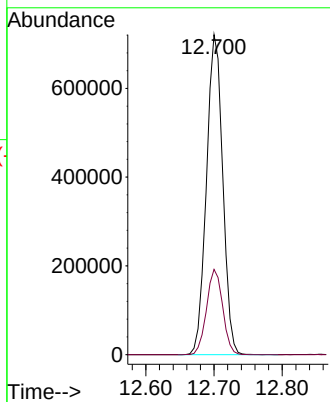
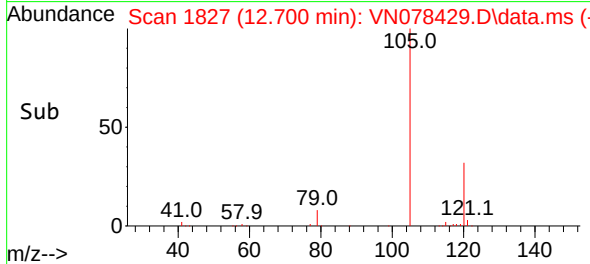
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:105 Resp: 119757  
Ion Ratio Lower Upper  
105 100  
120 26.4 13.1 39.1

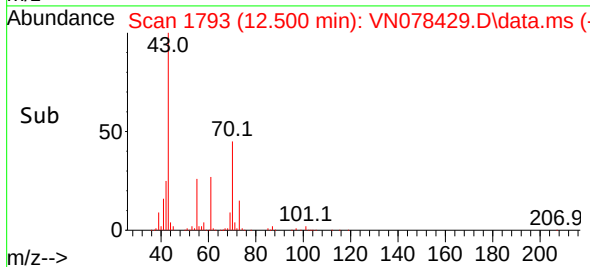
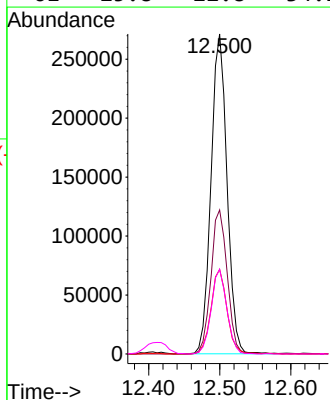
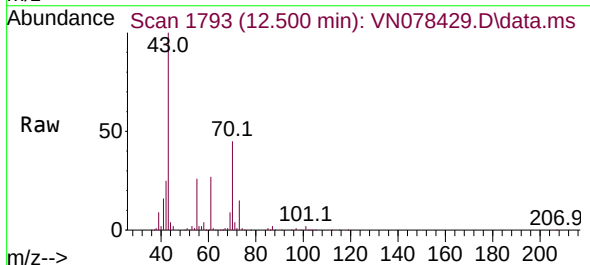
Manual Integrations  
APPROVED

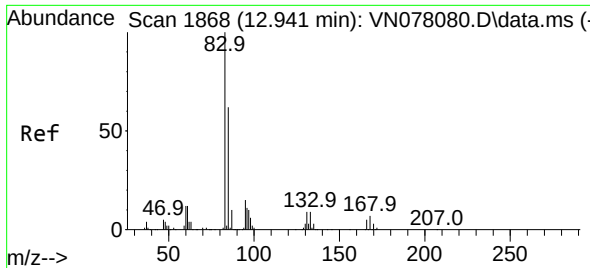
Reviewed By :John Carlone 06/28/2023  
Supervised By :Mahesh Dadoda 06/28/2023



#74  
N-ethyl acetate  
Concen: 52.378 ug/l  
RT: 12.500 min Scan# 1793  
Delta R.T. 0.000 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17

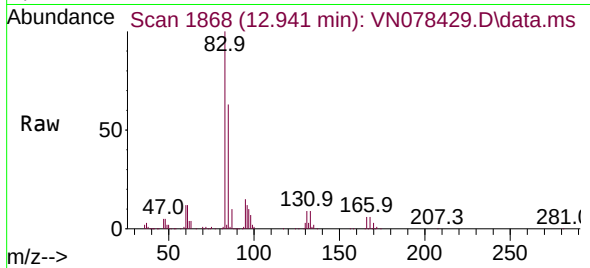
Tgt Ion: 43 Resp: 423883  
Ion Ratio Lower Upper  
43 100  
70 46.0 43.4 65.2  
55 26.4 21.4 32.0  
61 25.8 22.8 34.2





#75  
1,1,2,2-Tetrachloroethane  
Concen: 57.492 ug/l  
RT: 12.941 min Scan# 1868  
Delta R.T. 0.000 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17

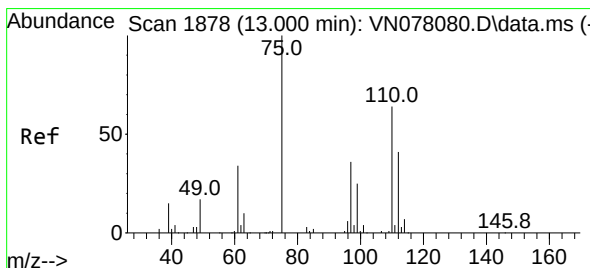
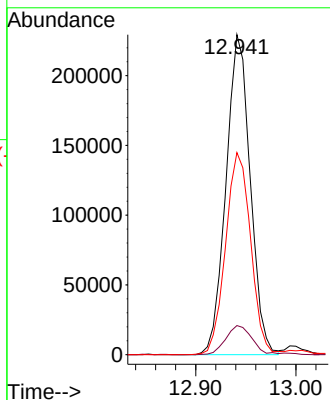
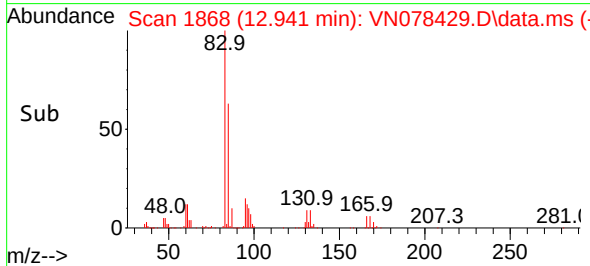
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 83 Resp: 38612  
Ion Ratio Lower Upper  
83 100  
131 10.1 5.0 15.0  
85 65.5 31.9 95.7

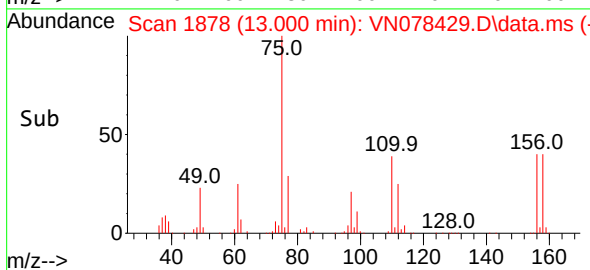
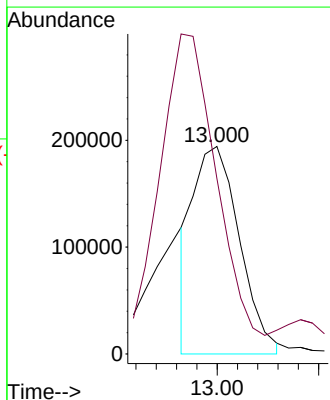
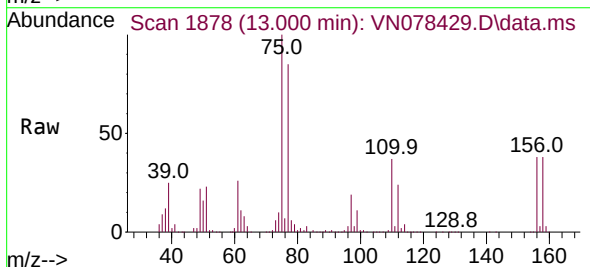
Manual Integrations  
APPROVED

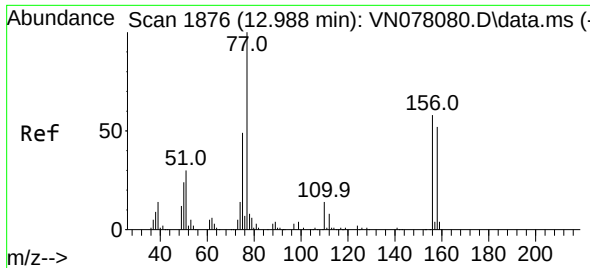
Reviewed By :John Carlone 06/28/2023  
Supervised By :Mahesh Dadoda 06/28/2023



#76  
1,2,3-Trichloropropane  
Concen: 50.115 ug/l m  
RT: 13.000 min Scan# 1878  
Delta R.T. 0.000 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17

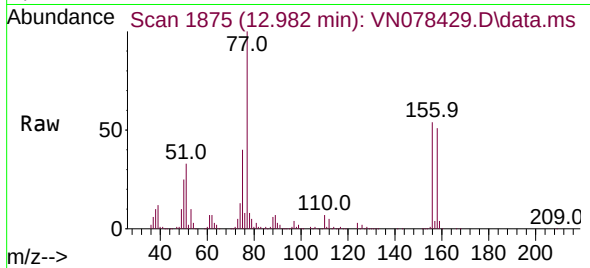
Tgt Ion: 75 Resp: 307896  
Ion Ratio Lower Upper  
75 100  
77 195.3 84.5 253.5





#77  
Bromobenzene  
Concen: 50.685 ug/l  
RT: 12.982 min Scan# 1875  
Delta R.T. -0.006 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17

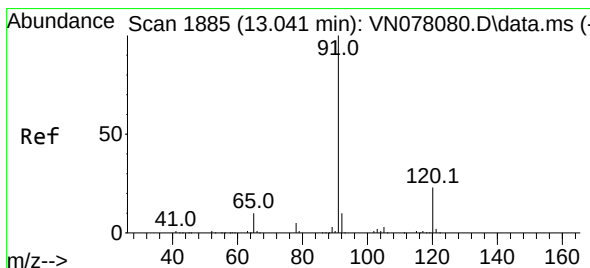
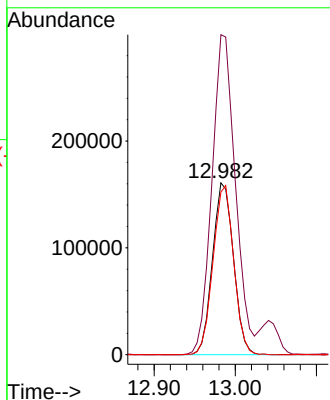
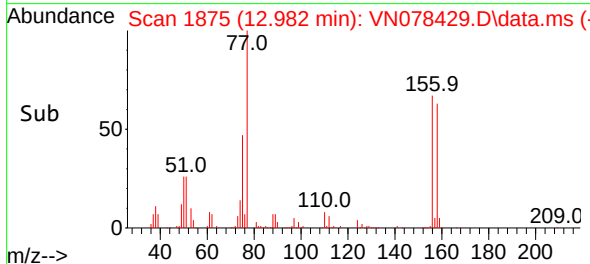
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:156 Resp: 289152  
Ion Ratio Lower Upper  
156 100  
77 208.0 107.7 323.3  
158 96.9 48.4 145.3

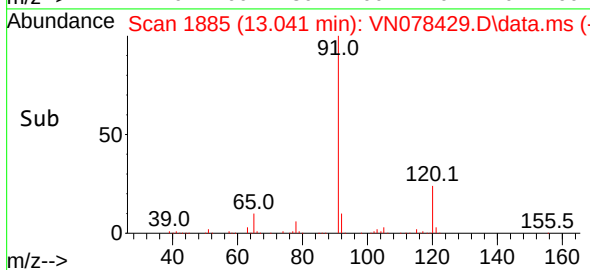
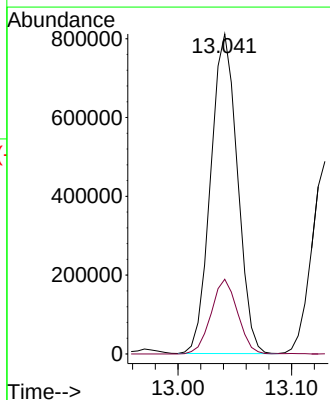
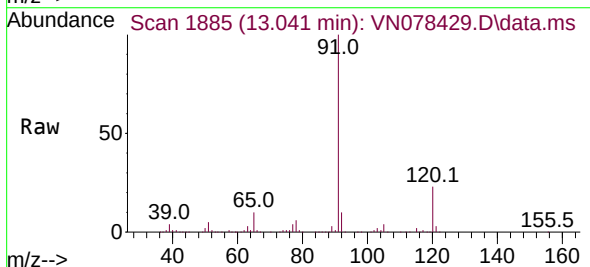
Manual Integrations  
APPROVED

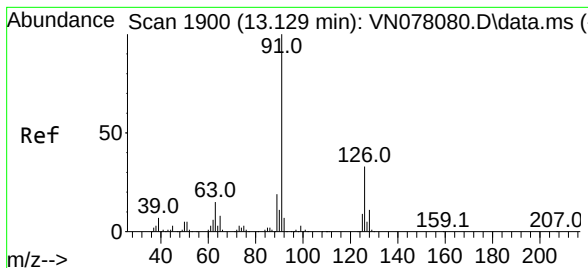
Reviewed By :John Carlone 06/28/2023  
Supervised By :Mahesh Dadoda 06/28/2023



#78  
n-propylbenzene  
Concen: 49.778 ug/l  
RT: 13.041 min Scan# 1885  
Delta R.T. 0.000 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17

Tgt Ion: 91 Resp: 1329101  
Ion Ratio Lower Upper  
91 100  
120 23.0 11.5 34.4





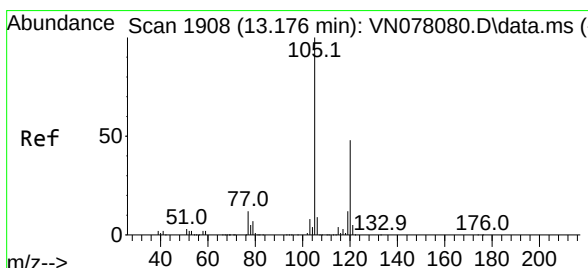
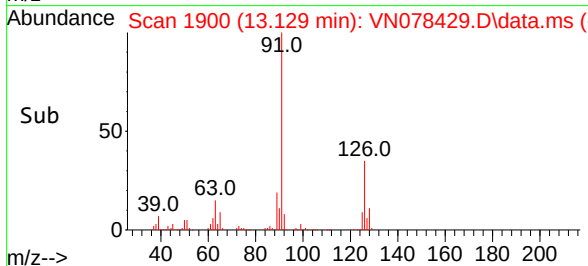
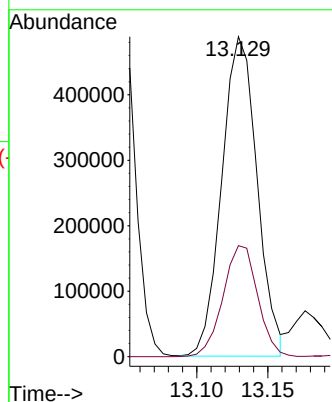
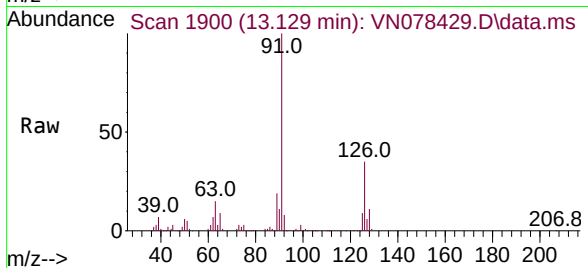
#79  
2-Chlorotoluene  
Concen: 48.956 ug/l  
RT: 13.129 min Scan# 1900  
Delta R.T. 0.000 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 91 Resp: 843772  
Ion Ratio Lower Upper  
91 100  
126 34.2 16.3 48.8

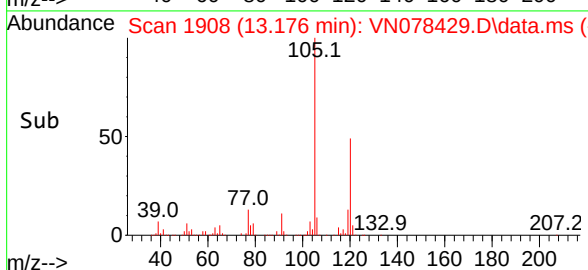
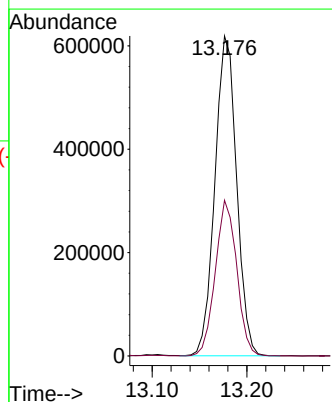
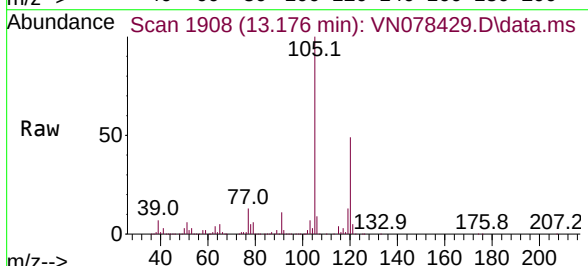
Manual Integrations  
APPROVED

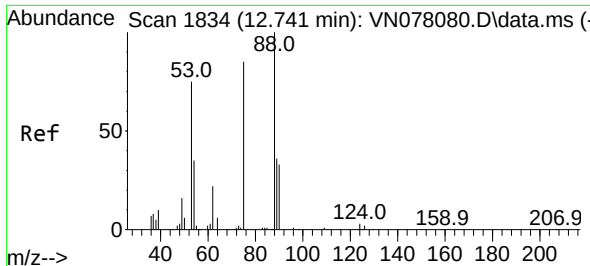
Reviewed By :John Carlone 06/28/2023  
Supervised By :Mahesh Dadoda 06/28/2023



#80  
1,3,5-Trimethylbenzene  
Concen: 49.583 ug/l  
RT: 13.176 min Scan# 1908  
Delta R.T. 0.000 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17

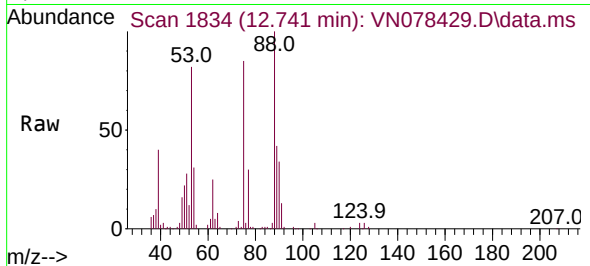
Tgt Ion:105 Resp: 986546  
Ion Ratio Lower Upper  
105 100  
120 48.1 24.1 72.3





#81  
trans-1,4-Dichloro-2-butene  
Concen: 55.182 ug/l  
RT: 12.741 min Scan# 1834  
Delta R.T. 0.000 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17

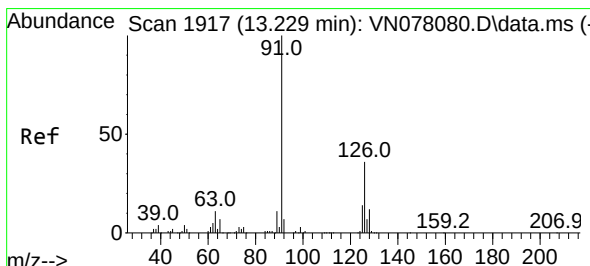
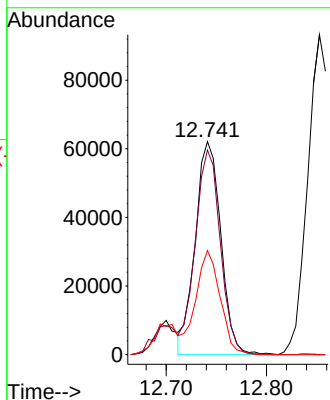
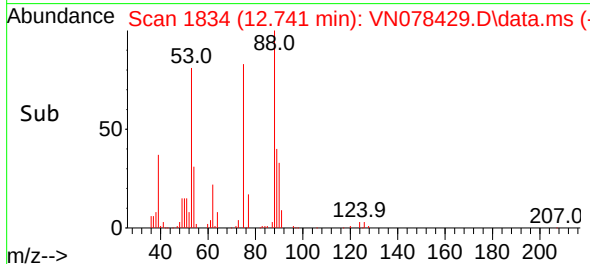
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



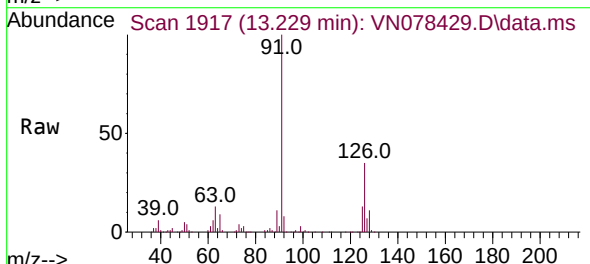
Tgt Ion: 75 Resp: 110348  
Ion Ratio Lower Upper  
75 100  
53 94.6 67.4 101.2  
89 47.3 38.8 58.2

Manual Integrations  
APPROVED

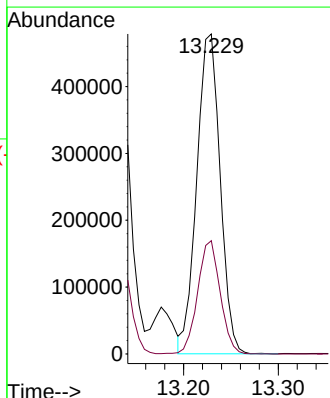
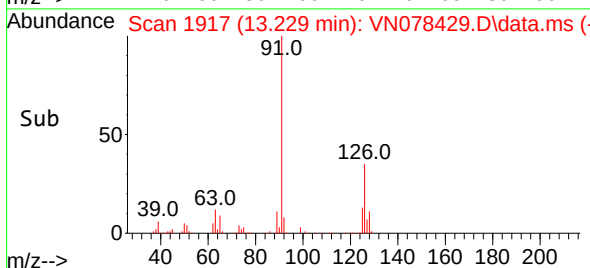
Reviewed By :John Carlone 06/28/2023  
Supervised By :Mahesh Dadoda 06/28/2023

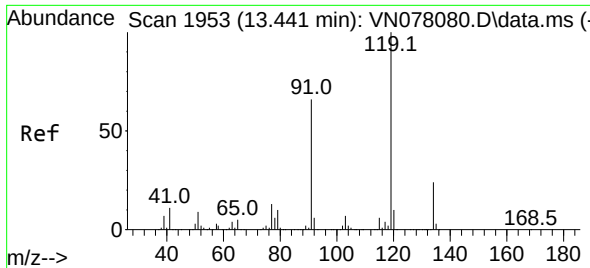


#82  
4-Chlorotoluene  
Concen: 50.892 ug/l  
RT: 13.229 min Scan# 1917  
Delta R.T. 0.000 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17



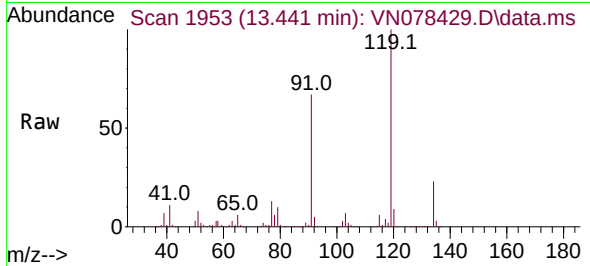
Tgt Ion: 91 Resp: 818632  
Ion Ratio Lower Upper  
91 100  
126 34.1 16.7 50.0





#83  
tert-Butylbenzene  
Concen: 48.088 ug/l  
RT: 13.441 min Scan# 1953  
Delta R.T. 0.000 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17

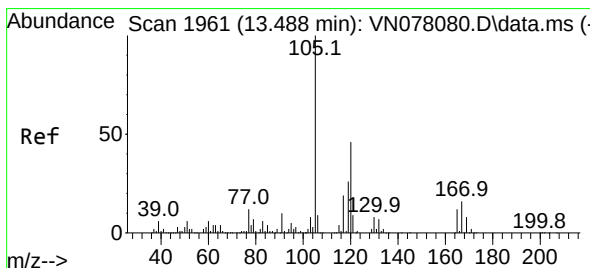
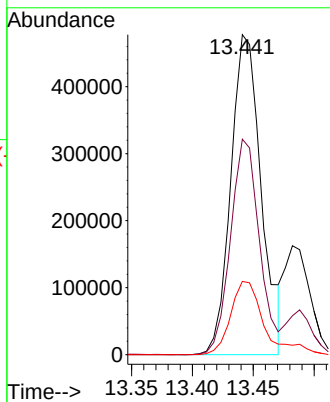
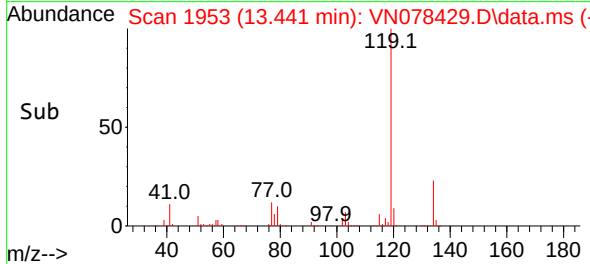
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



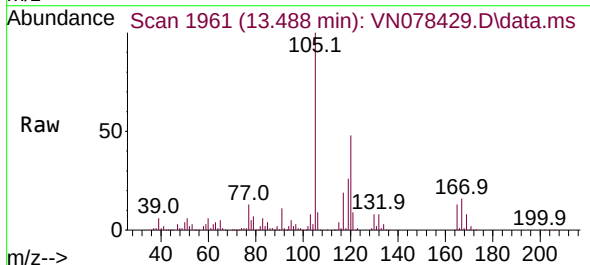
Tgt Ion:119 Resp: 83171  
Ion Ratio Lower Upper  
119 100  
91 64.0 33.9 101.7  
134 25.3 13.2 39.6

Manual Integrations  
APPROVED

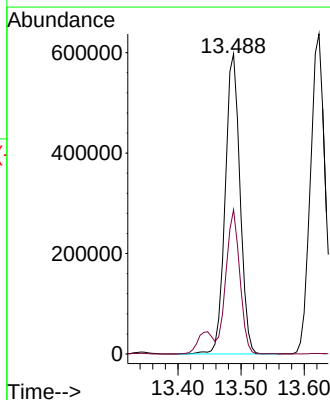
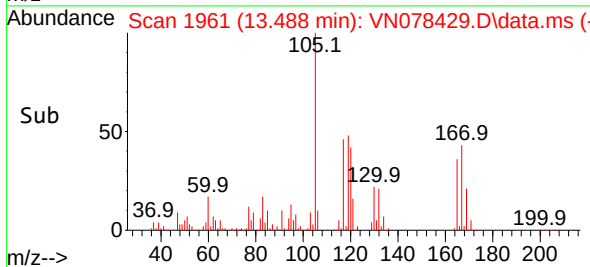
Reviewed By :John Carlone 06/28/2023  
Supervised By :Mahesh Dadoda 06/28/2023

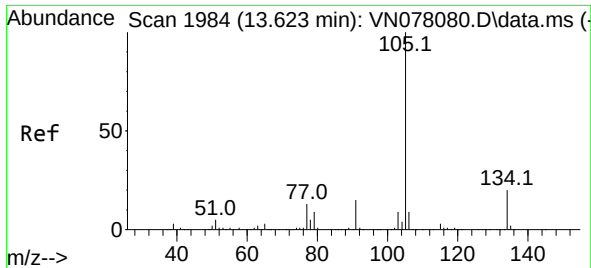


#84  
1,2,4-Trimethylbenzene  
Concen: 50.413 ug/l  
RT: 13.488 min Scan# 1961  
Delta R.T. 0.000 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17



Tgt Ion:105 Resp: 972476  
Ion Ratio Lower Upper  
105 100  
120 45.0 22.0 66.0





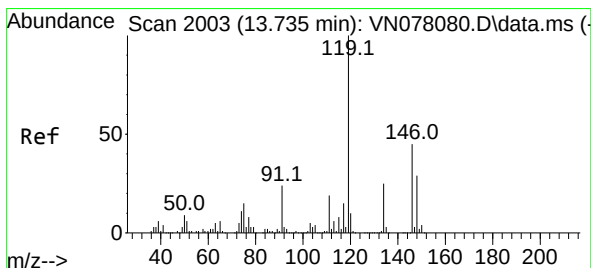
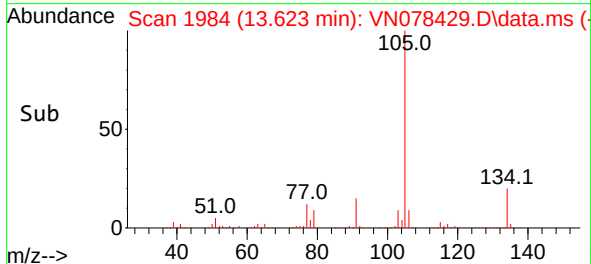
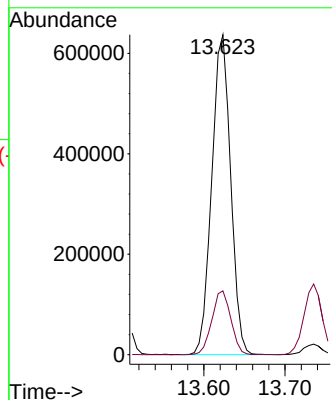
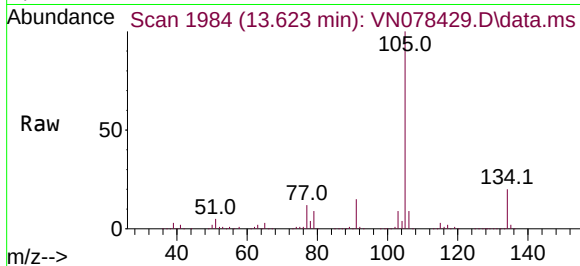
#85  
 sec-Butylbenzene  
 Concen: 45.501 ug/l  
 RT: 13.623 min Scan# 1984  
 Delta R.T. 0.000 min  
 Lab File: VN078429.D  
 Acq: 27 Jun 2023 20:17

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion:105 Resp: 103001  
 Ion Ratio Lower Upper  
 105 100  
 134 20.0 9.8 29.3

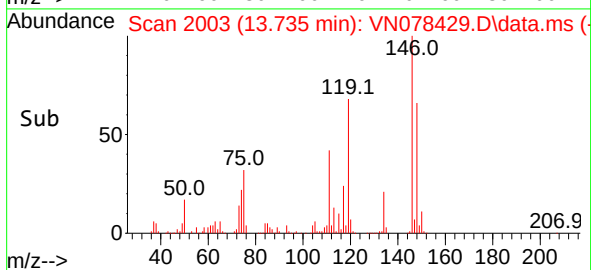
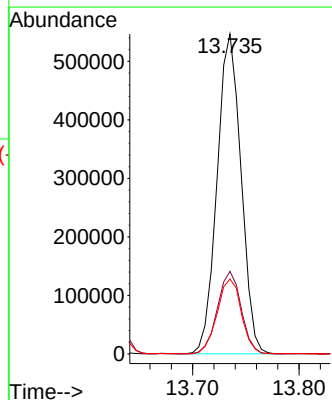
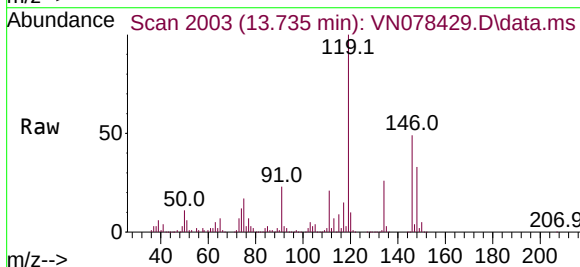
Manual Integrations  
 APPROVED

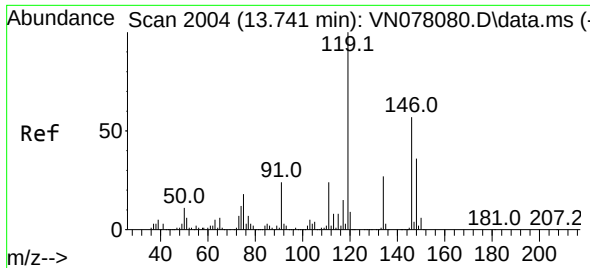
Reviewed By :John Carlone 06/28/2023  
 Supervised By :Mahesh Dadoda 06/28/2023



#86  
 p-Isopropyltoluene  
 Concen: 46.387 ug/l  
 RT: 13.735 min Scan# 2003  
 Delta R.T. 0.000 min  
 Lab File: VN078429.D  
 Acq: 27 Jun 2023 20:17

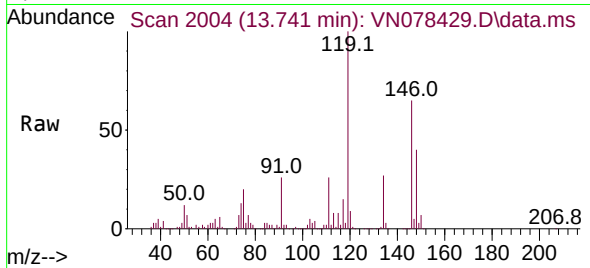
Tgt Ion:119 Resp: 852137  
 Ion Ratio Lower Upper  
 119 100  
 134 25.7 12.6 37.8  
 91 23.6 12.4 37.2





#87  
1,3-Dichlorobenzene  
Concen: 49.375 ug/l  
RT: 13.741 min Scan# 2004  
Delta R.T. 0.000 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17

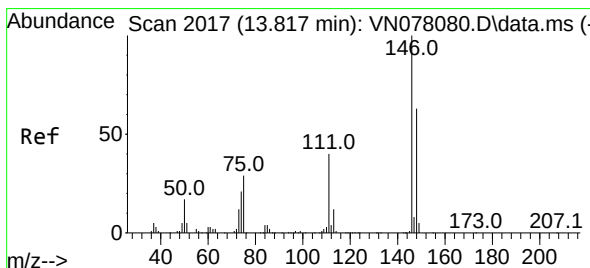
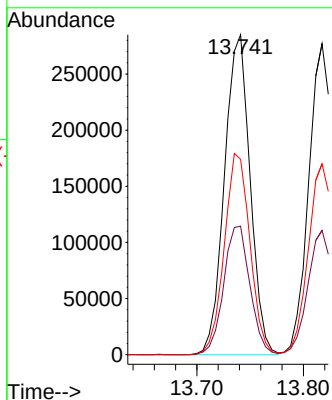
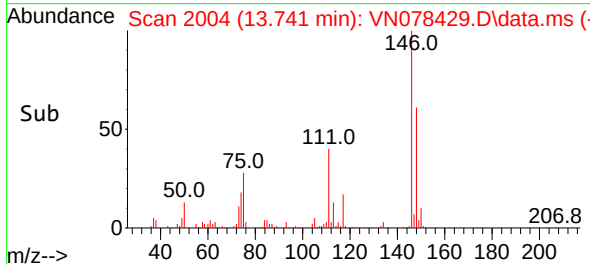
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



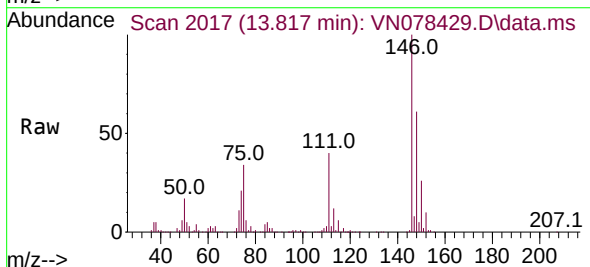
Tgt Ion:146 Resp: 476460  
Ion Ratio Lower Upper  
146 100  
111 41.1 22.1 66.3  
148 63.0 32.0 96.0

Manual Integrations  
APPROVED

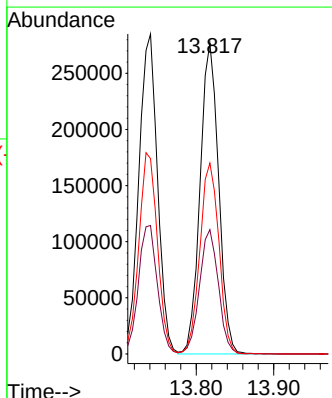
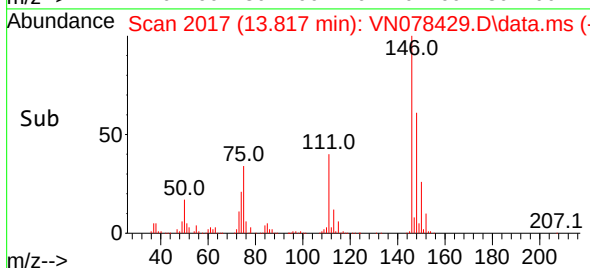
Reviewed By :John Carlone 06/28/2023  
Supervised By :Mahesh Dadoda 06/28/2023



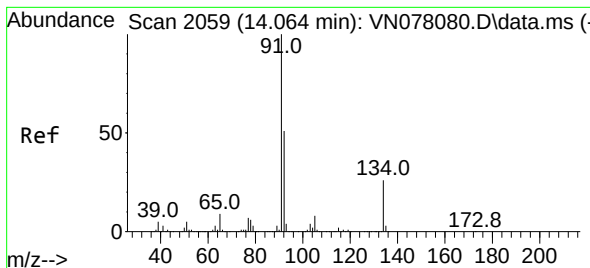
#88  
1,4-Dichlorobenzene  
Concen: 49.435 ug/l  
RT: 13.817 min Scan# 2017  
Delta R.T. 0.000 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17



Tgt Ion:146 Resp: 460316  
Ion Ratio Lower Upper  
146 100  
111 40.9 20.6 61.8  
148 63.2 31.6 94.8







#89

n-Butylbenzene

Concen: 45.160 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.006 min

Lab File: VN078429.D

Acq: 27 Jun 2023 20:17

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

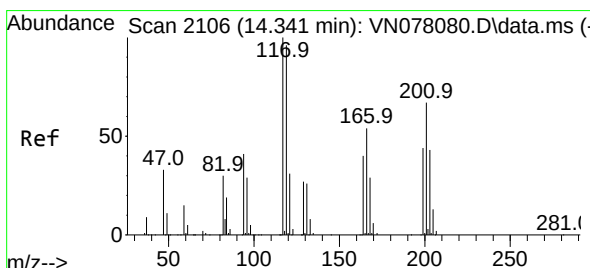
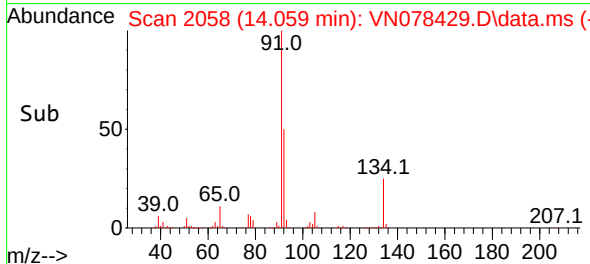
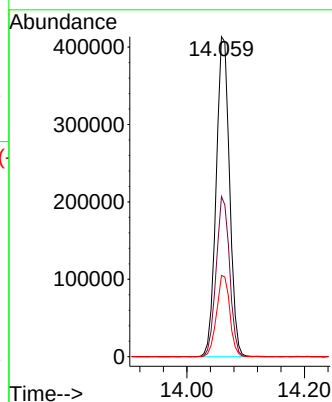
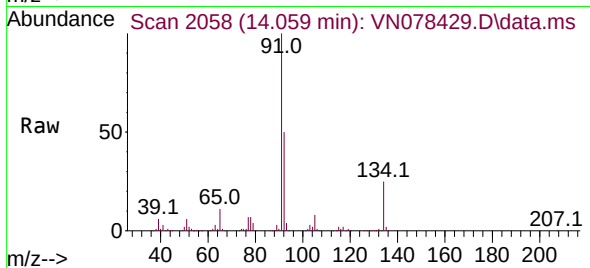
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 91    | Resp: | 65435 |
| Ion Ratio | Lower | Upper |       |
| 91        | 100   |       |       |
| 92        | 50.0  | 26.4  | 79.0  |
| 134       | 25.1  | 12.6  | 37.6  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2023

Supervised By :Mahesh Dadoda 06/28/2023



#90

Hexachloroethane

Concen: 49.721 ug/l

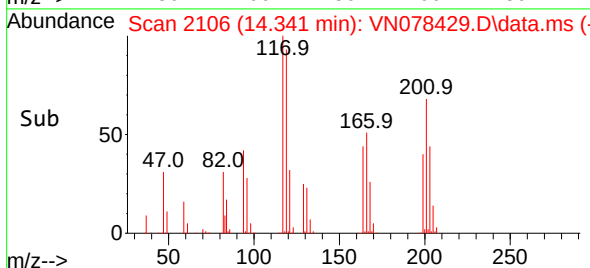
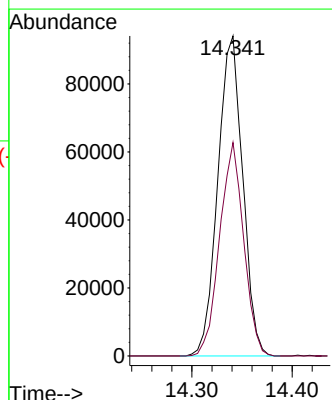
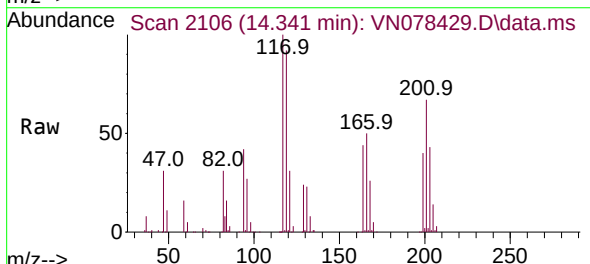
RT: 14.341 min Scan# 2106

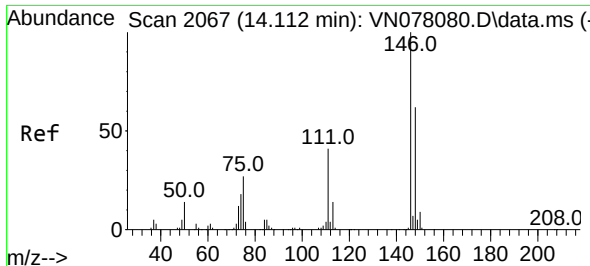
Delta R.T. -0.000 min

Lab File: VN078429.D

Acq: 27 Jun 2023 20:17

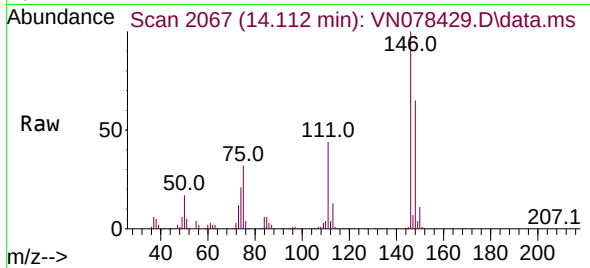
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 162094 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 201       | 64.4  | 29.3  | 88.0   |





#91  
1,2-Dichlorobenzene  
Concen: 49.423 ug/l  
RT: 14.112 min Scan# 2067  
Delta R.T. 0.000 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17

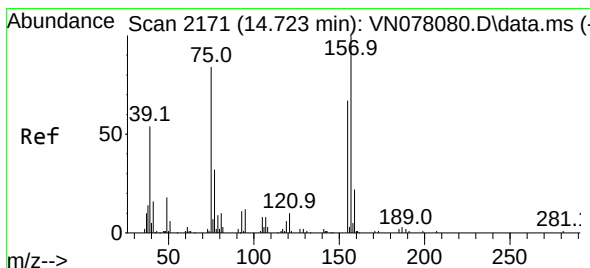
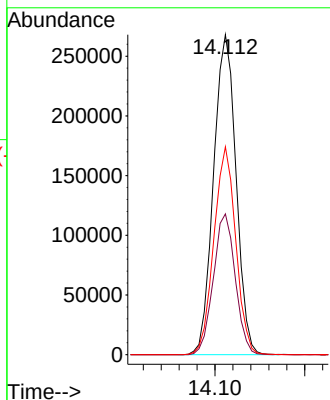
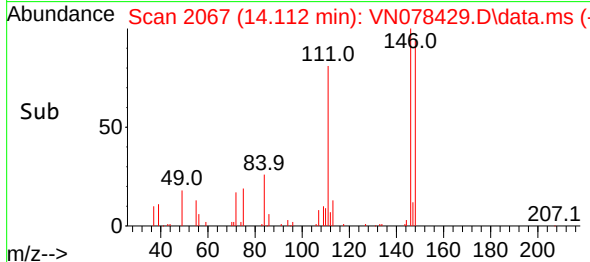
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



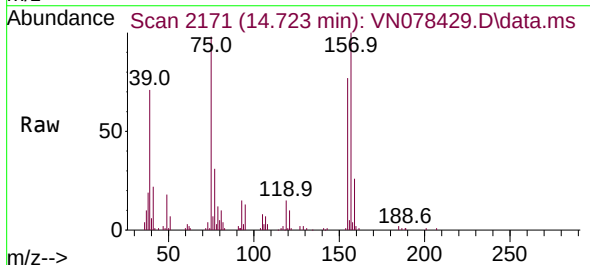
Tgt Ion:146 Resp: 46611  
Ion Ratio Lower Upper  
146 100  
111 42.8 22.0 66.0  
148 63.2 31.8 95.3

Manual Integrations  
APPROVED

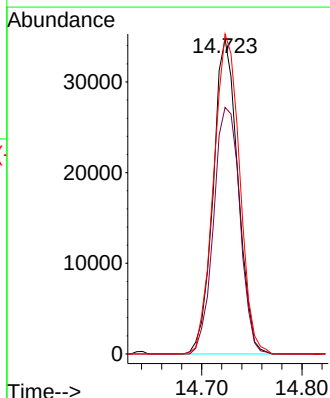
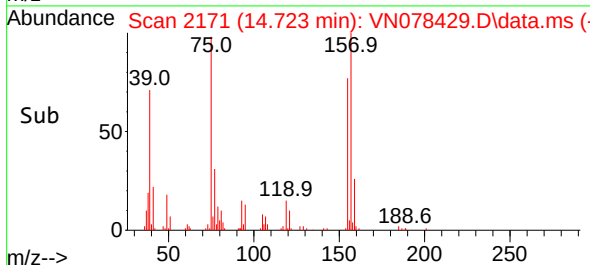
Reviewed By :John Carlone 06/28/2023  
Supervised By :Mahesh Dadoda 06/28/2023

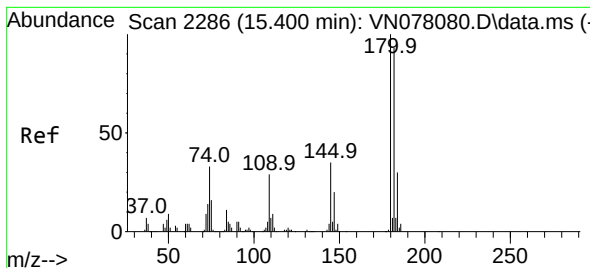


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 48.950 ug/l  
RT: 14.723 min Scan# 2171  
Delta R.T. 0.000 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17



Tgt Ion: 75 Resp: 59586  
Ion Ratio Lower Upper  
75 100  
155 82.9 39.1 117.2  
157 106.4 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 44.110 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN078429.D

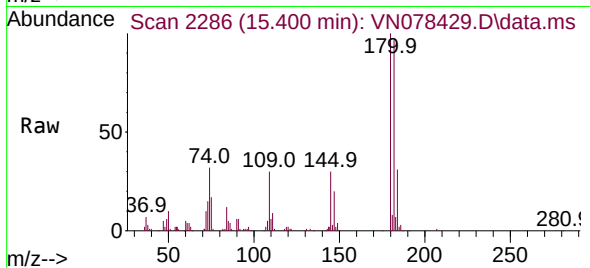
Acq: 27 Jun 2023 20:17

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:180 Resp: 14822

Ion Ratio Lower Upper

180 100

182 97.2 46.1 138.2

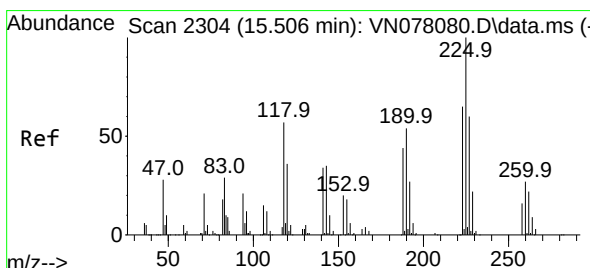
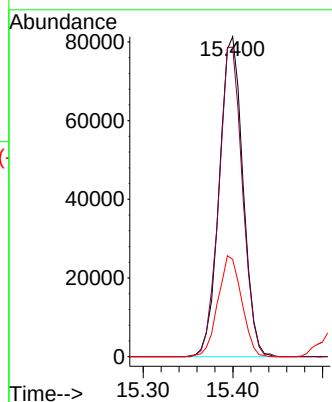
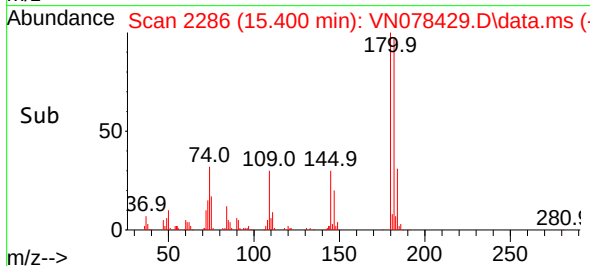
145 31.7 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2023

Supervised By :Mahesh Dadoda 06/28/2023



#94

Hexachlorobutadiene

Concen: 50.173 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN078429.D

Acq: 27 Jun 2023 20:17

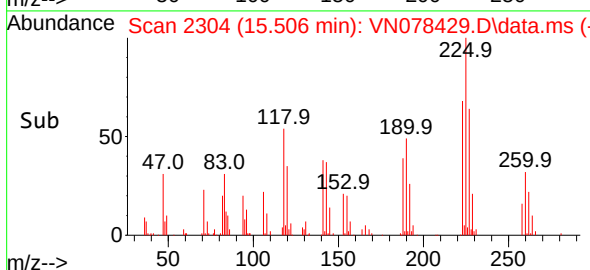
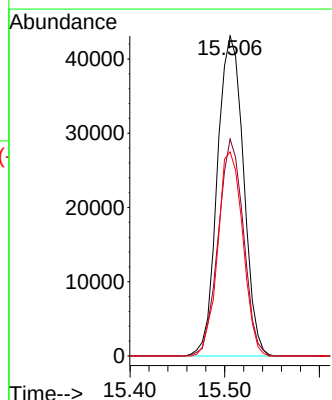
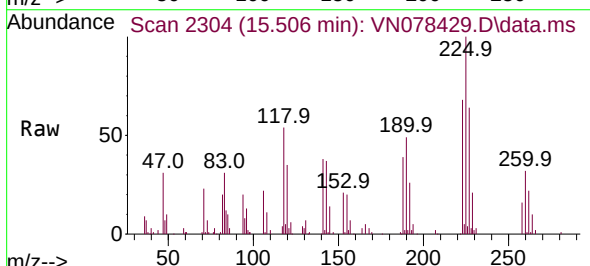
Tgt Ion:225 Resp: 82625

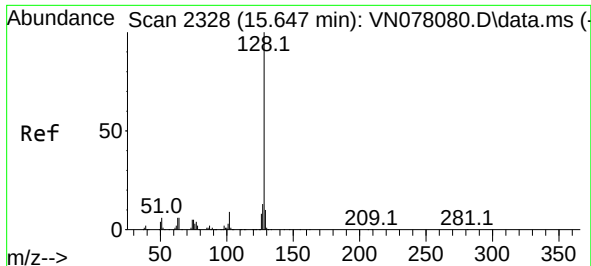
Ion Ratio Lower Upper

225 100

223 65.2 31.3 93.8

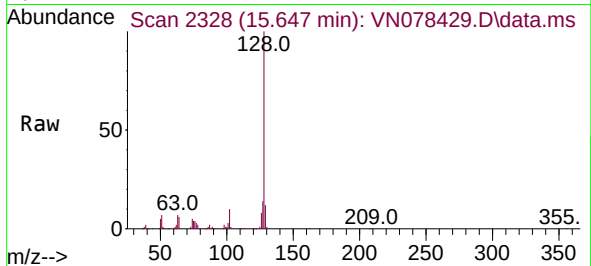
227 61.4 31.9 95.9





#95  
Naphthalene  
Concen: 43.623 ug/l  
RT: 15.647 min Scan# 2328  
Delta R.T. 0.000 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17

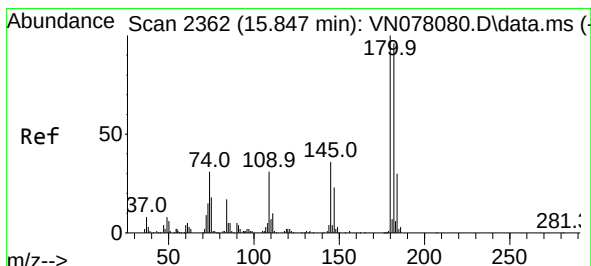
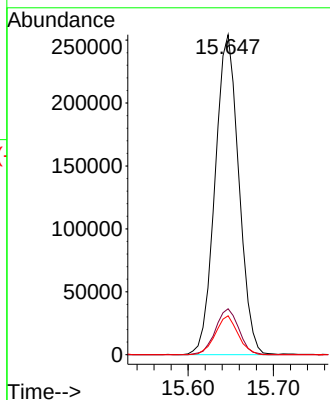
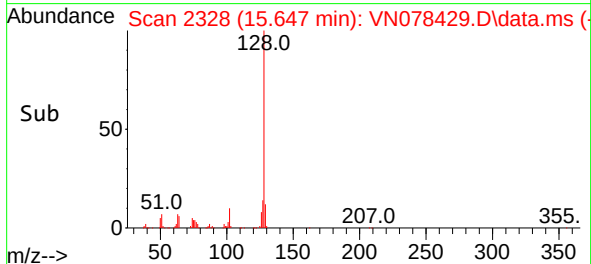
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



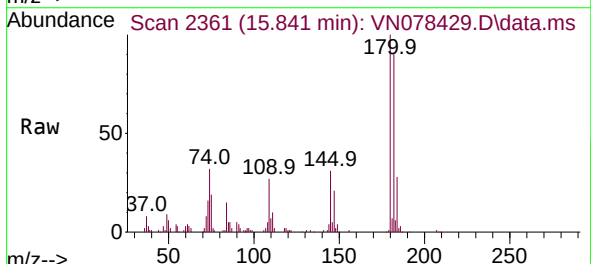
Tgt Ion:128 Resp: 493069  
Ion Ratio Lower Upper  
128 100  
127 14.1 10.0 15.0  
129 11.6 8.7 13.1

Manual Integrations  
APPROVED

Reviewed By :John Carlone 06/28/2023  
Supervised By :Mahesh Dadoda 06/28/2023



#96  
1,2,3-Trichlorobenzene  
Concen: 44.948 ug/l  
RT: 15.841 min Scan# 2361  
Delta R.T. -0.006 min  
Lab File: VN078429.D  
Acq: 27 Jun 2023 20:17



Tgt Ion:180 Resp: 168920  
Ion Ratio Lower Upper  
180 100  
182 93.3 46.2 138.6  
145 33.8 17.5 52.6

