

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN121622\  
 Data File : VN075839.D  
 Acq On : 16 Dec 2022 11:49  
 Operator : JC\MD  
 Sample : VN1216WBSD01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1216WBSD01

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 12/19/2022  
 Supervised By : Mahesh Dadoda 12/19/2022

Quant Time: Dec 17 08:37:15 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121422W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 14 13:03:41 2022  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response            | Conc    | Units | Dev(Min) |
|------------------------------|----------------|------|---------------------|---------|-------|----------|
| -----                        |                |      |                     |         |       |          |
| Internal Standards           |                |      |                     |         |       |          |
| 1) Pentafluorobenzene        | 8.230          | 168  | 292362              | 50.000  | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.106          | 114  | 472742              | 50.000  | ug/l  | 0.00     |
| 63) Chlorobenzene-d5         | 11.871         | 117  | 427446              | 50.000  | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.794         | 152  | 206576              | 50.000  | ug/l  | 0.00     |
| System Monitoring Compounds  |                |      |                     |         |       |          |
| 33) 1,2-Dichloroethane-d4    | 8.583          | 65   | 169809              | 53.389  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 74 - 125 |      | Recovery = 106.780% |         |       |          |
| 35) Dibromofluoromethane     | 8.171          | 113  | 151601              | 51.783  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = 103.560% |         |       |          |
| 50) Toluene-d8               | 10.571         | 98   | 567638              | 51.858  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 86 - 113 |      | Recovery = 103.720% |         |       |          |
| 62) 4-Bromofluorobenzene     | 12.853         | 95   | 188964              | 52.122  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = 104.240% |         |       |          |
| Target Compounds             |                |      |                     |         |       |          |
|                              |                |      |                     |         |       | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.142          | 85   | 37659               | 18.141  | ug/l  | 100      |
| 3) Chloromethane             | 2.377          | 50   | 45988               | 17.816  | ug/l  | 93       |
| 4) Vinyl Chloride            | 2.530          | 62   | 56050               | 18.203  | ug/l  | 100      |
| 5) Bromomethane              | 2.965          | 94   | 47386               | 18.108  | ug/l  | 93       |
| 6) Chloroethane              | 3.130          | 64   | 42891               | 18.810  | ug/l  | 94       |
| 7) Trichlorofluoromethane    | 3.512          | 101  | 86830               | 18.584  | ug/l  | 100      |
| 8) Diethyl Ether             | 3.977          | 74   | 35174               | 20.612  | ug/l  | 95       |
| 9) 1,1,2-Trichlorotrifluo... | 4.395          | 101  | 50665               | 18.990  | ug/l  | 99       |
| 10) Methyl Iodide            | 4.606          | 142  | 79482               | 18.357  | ug/l  | 99       |
| 11) Tert butyl alcohol       | 5.536          | 59   | 43778               | 97.273  | ug/l  | 100      |
| 12) 1,1-Dichloroethene       | 4.359          | 96   | 48189               | 18.597  | ug/l  | 95       |
| 13) Acrolein                 | 4.200          | 56   | 70528               | 127.825 | ug/l  | 97       |
| 14) Allyl chloride           | 5.042          | 41   | 63168               | 20.854  | ug/l  | 99       |
| 15) Acrylonitrile            | 5.736          | 53   | 126869              | 103.299 | ug/l  | 98       |
| 16) Acetone                  | 4.442          | 43   | 104144              | 94.985  | ug/l  | 96       |
| 17) Carbon Disulfide         | 4.724          | 76   | 112599              | 17.948  | ug/l  | 100      |
| 18) Methyl Acetate           | 5.042          | 43   | 64645               | 19.946  | ug/l  | 99       |
| 19) Methyl tert-butyl Ether  | 5.812          | 73   | 175514              | 20.569  | ug/l  | 96       |
| 20) Methylene Chloride       | 5.289          | 84   | 59325               | 19.840  | ug/l  | 94       |
| 21) trans-1,2-Dichloroethene | 5.806          | 96   | 52110               | 18.363  | ug/l  | 95       |
| 22) Diisopropyl ether        | 6.683          | 45   | 152064              | 20.665  | ug/l  | 98       |
| 23) Vinyl Acetate            | 6.618          | 43   | 514787              | 103.940 | ug/l  | 99       |
| 24) 1,1-Dichloroethane       | 6.583          | 63   | 93809               | 19.116  | ug/l  | 98       |
| 25) 2-Butanone               | 7.494          | 43   | 156147              | 101.712 | ug/l  | 96       |
| 26) 2,2-Dichloropropane      | 7.500          | 77   | 79275               | 19.075  | ug/l  | 97       |
| 27) cis-1,2-Dichloroethene   | 7.500          | 96   | 64046               | 18.871  | ug/l  | 95       |
| 28) Bromochloromethane       | 7.824          | 49   | 43077               | 20.027  | ug/l  | 95       |
| 29) Tetrahydrofuran          | 7.847          | 42   | 102415              | 106.453 | ug/l  | 98       |
| 30) Chloroform               | 7.971          | 83   | 106803              | 19.330  | ug/l  | 99       |
| 31) Cyclohexane              | 8.265          | 56   | 82143               | 18.033  | ug/l  | 97       |
| 32) 1,1,1-Trichloroethane    | 8.177          | 97   | 92765               | 18.937  | ug/l  | 97       |
| 36) 1,1-Dichloropropene      | 8.377          | 75   | 73342               | 18.859  | ug/l  | 98       |
| 37) Ethyl Acetate            | 7.571          | 43   | 65380               | 20.929  | ug/l  | 96       |
| 38) Carbon Tetrachloride     | 8.371          | 117  | 83733               | 19.237  | ug/l  | 93       |
| 39) Methylcyclohexane        | 9.606          | 83   | 94980               | 20.244  | ug/l  | 93       |
| 40) Benzene                  | 8.612          | 78   | 233130              | 19.429  | ug/l  | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN121622\  
 Data File : VN075839.D  
 Acq On : 16 Dec 2022 11:49  
 Operator : JC\MD  
 Sample : VN1216WBSD01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1216WBSD01

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 12/19/2022  
 Supervised By : Mahesh Dadoda 12/19/2022

Quant Time: Dec 17 08:37:15 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121422W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 14 13:03:41 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.788  | 41   | 33368    | 20.550  | ug/l   | 94       |
| 42) 1,2-Dichloroethane        | 8.677  | 62   | 79601    | 19.954  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.694  | 43   | 109049   | 21.162  | ug/l   | 99       |
| 44) Trichloroethene           | 9.353  | 130  | 61887    | 18.308  | ug/l   | 92       |
| 45) 1,2-Dichloropropane       | 9.624  | 63   | 55789    | 19.106  | ug/l   | 99       |
| 46) Dibromomethane            | 9.712  | 93   | 42897    | 19.807  | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.894  | 83   | 83887    | 19.752  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.688  | 41   | 50402    | 21.717  | ug/l   | 98       |
| 49) 1,4-Dioxane               | 9.700  | 88   | 23408    | 410.252 | ug/l # | 87       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 334925   | 107.474 | ug/l   | 99       |
| 52) Toluene                   | 10.635 | 92   | 152439   | 19.507  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.841 | 75   | 83256    | 20.026  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.318 | 75   | 92513    | 20.268  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 61408    | 20.020  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.876 | 69   | 87201    | 21.403  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 101206   | 20.115  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.165 | 63   | 156861   | 120.927 | ug/l   | 99       |
| 59) 2-Hexanone                | 11.200 | 43   | 244341   | 107.514 | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.365 | 129  | 67494    | 19.786  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.476 | 107  | 61817    | 19.915  | ug/l   | 98       |
| 64) Tetrachloroethene         | 11.106 | 164  | 56597    | 18.817  | ug/l   | 94       |
| 65) Chlorobenzene             | 11.894 | 112  | 167040   | 19.040  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 62239    | 19.153  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.965 | 91   | 294633   | 19.898  | ug/l   | 98       |
| 68) m/p-Xylenes               | 12.076 | 106  | 234900   | 40.081  | ug/l   | 97       |
| 69) o-Xylene                  | 12.400 | 106  | 115369   | 19.892  | ug/l   | 99       |
| 70) Styrene                   | 12.418 | 104  | 185613   | 20.128  | ug/l   | 99       |
| 71) Bromoform                 | 12.582 | 173  | 48177    | 20.374  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.700 | 105  | 298578   | 20.001  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.500 | 43   | 91374    | 20.865  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 89374    | 19.367  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 13.000 | 75   | 79902m   | 19.188  | ug/l   |          |
| 77) Bromobenzene              | 12.982 | 156  | 72477    | 19.184  | ug/l   | 98       |
| 78) n-propylbenzene           | 13.041 | 91   | 332324   | 20.184  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 204017   | 19.850  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 252776   | 20.232  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.741 | 75   | 23862    | 20.627  | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 13.129 | 91   | 204017   | 19.850  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 228735   | 20.764  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.488 | 105  | 253583   | 20.459  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.623 | 105  | 312282   | 20.539  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.735 | 119  | 261887   | 20.700  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 131222   | 18.803  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.817 | 146  | 132698   | 18.614  | ug/l   | 100      |
| 89) n-Butylbenzene            | 14.065 | 91   | 201246   | 19.635  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.335 | 117  | 44542    | 19.682  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 14.112 | 146  | 131921   | 19.192  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 15616    | 19.070  | ug/l   | 94       |
| 93) 1,2,4-Trichlorobenzene    | 15.400 | 180  | 63833    | 18.757  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.506 | 225  | 34123    | 18.378  | ug/l   | 97       |
| 95) Naphthalene               | 15.647 | 128  | 194476   | 18.722  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.847 | 180  | 63799    | 20.058  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN121622\  
Data File : VN075839.D  
Acq On : 16 Dec 2022 11:49  
Operator : JC\MD  
Sample : VN1216WBSD01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01

Manual Integrations  
APPROVED

Reviewed By :John Carlone 12/19/2022  
Supervised By :Mahesh Dadoda 12/19/2022

Quant Time: Dec 17 08:37:15 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121422W.M  
Quant Title : SW846 8260  
QLast Update : Wed Dec 14 13:03:41 2022  
Response via : Initial Calibration

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

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

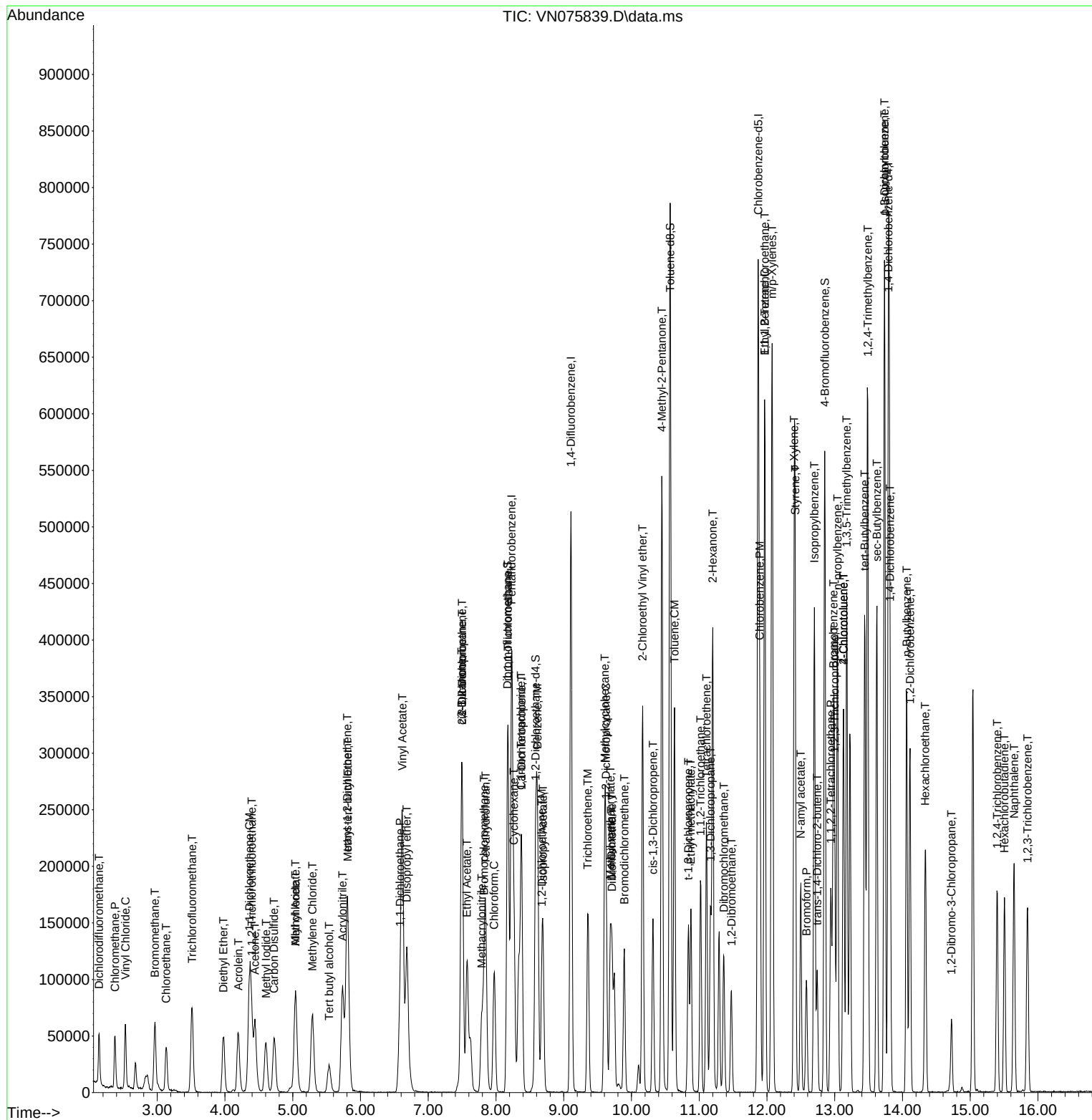
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN121622\  
 Data File : VN075839.D  
 Acq On : 16 Dec 2022 11:49  
 Operator : JC\MD  
 Sample : VN1216WBSD01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

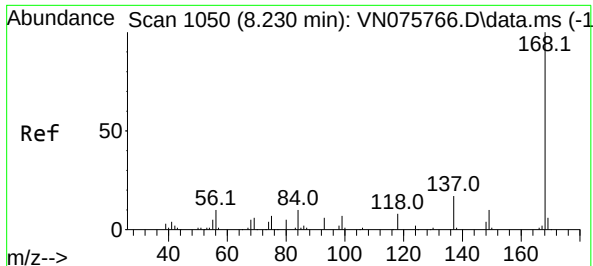
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1216WBSD01

### Manual Integrations APPROVED

Reviewed By : John Carlone 12/19/2022  
 Supervised By : Mahesh Dadoda 12/19/2022

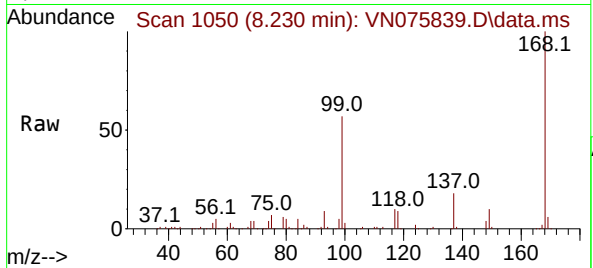
Quant Time: Dec 17 08:37:15 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121422W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 14 13:03:41 2022  
 Response via : Initial Calibration





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 10  
Delta R.T. -0.000 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49

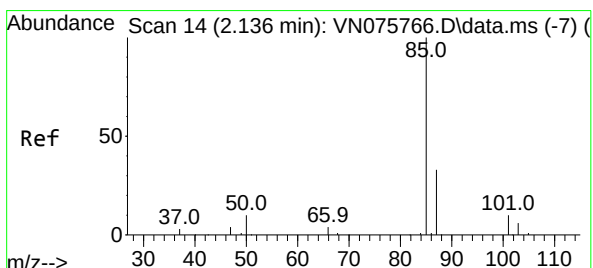
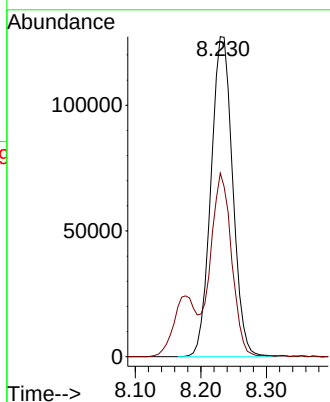
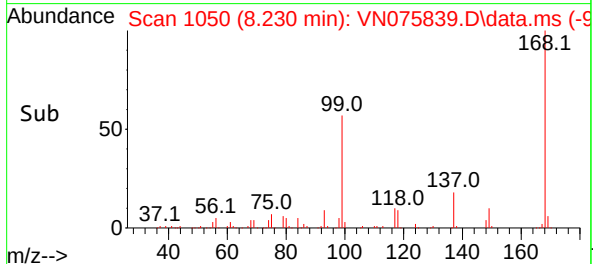
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01



Tgt Ion:168 Resp: 292362  
Ion Ratio Lower Upper  
168 100  
99 57.1 44.2 66.4

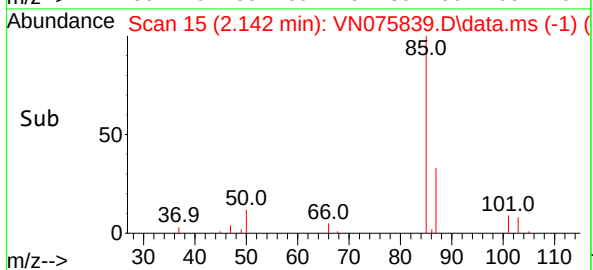
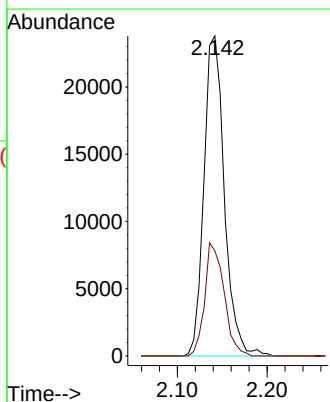
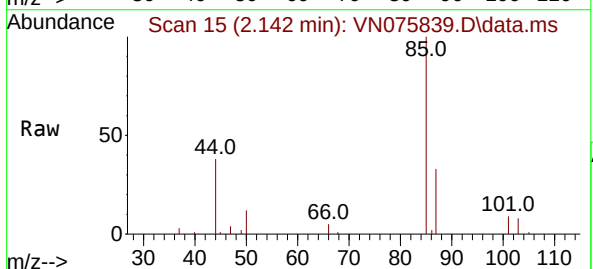
Manual Integrations  
APPROVED

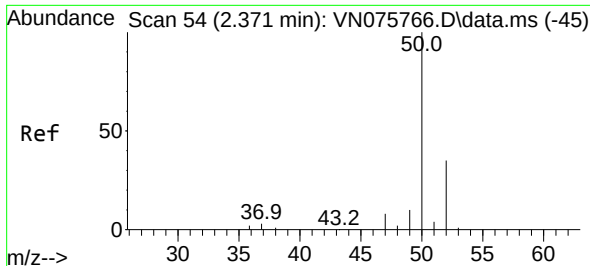
Reviewed By :John Carlone 12/19/2022  
Supervised By :Mahesh Dadoda 12/19/2022



#2  
Dichlorodifluoromethane  
Concen: 18.141 ug/l  
RT: 2.142 min Scan# 15  
Delta R.T. 0.006 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49

Tgt Ion: 85 Resp: 37659  
Ion Ratio Lower Upper  
85 100  
87 32.8 16.3 48.9





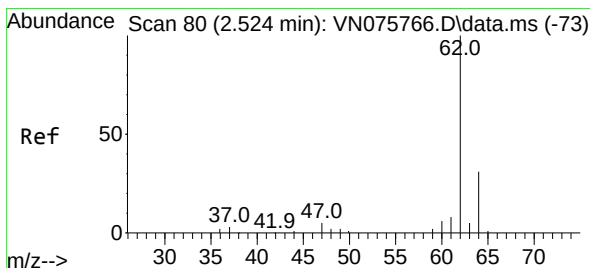
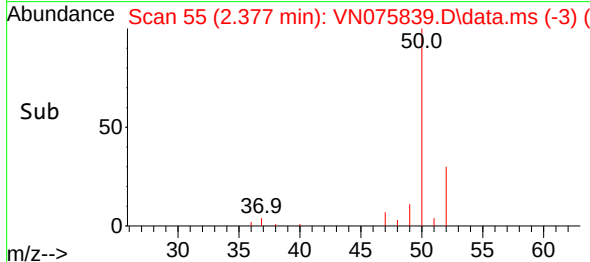
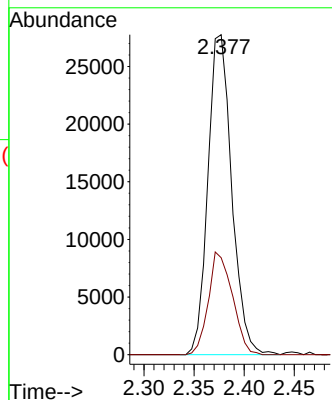
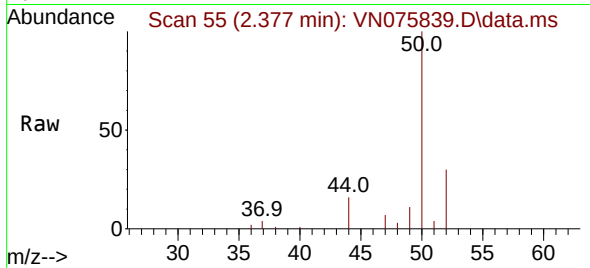
#3  
Chloromethane  
Concen: 17.816 ug/l  
RT: 2.377 min Scan# 50  
Delta R.T. 0.006 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01

Tgt Ion: 50 Resp: 45988  
Ion Ratio Lower Upper  
50 100  
52 30.3 27.7 41.5

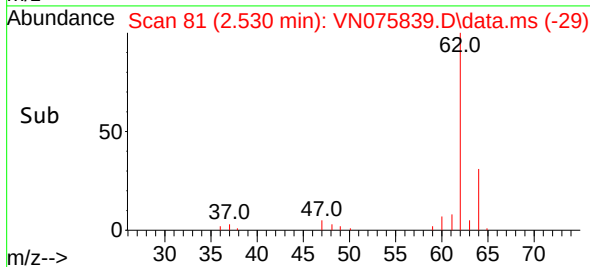
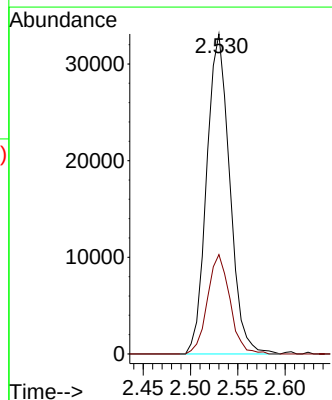
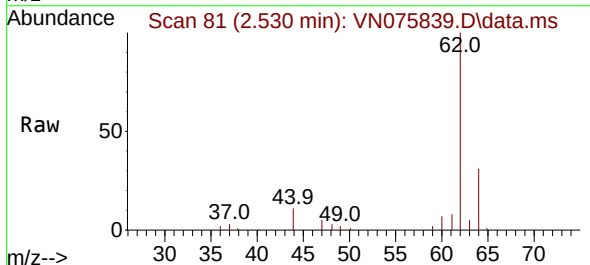
Manual Integrations  
APPROVED

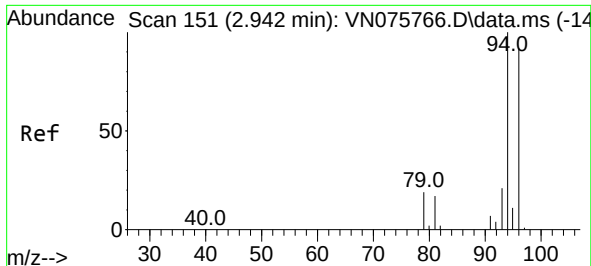
Reviewed By :John Carlone 12/19/2022  
Supervised By :Mahesh Dadoda 12/19/2022



#4  
Vinyl Chloride  
Concen: 18.203 ug/l  
RT: 2.530 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49

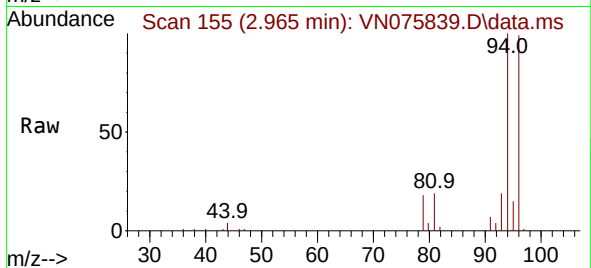
Tgt Ion: 62 Resp: 56050  
Ion Ratio Lower Upper  
62 100  
64 31.1 24.9 37.3





#5  
Bromomethane  
Concen: 18.108 ug/l  
RT: 2.965 min Scan# 11  
Delta R.T. 0.024 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49

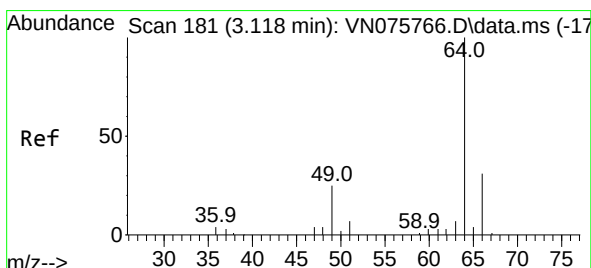
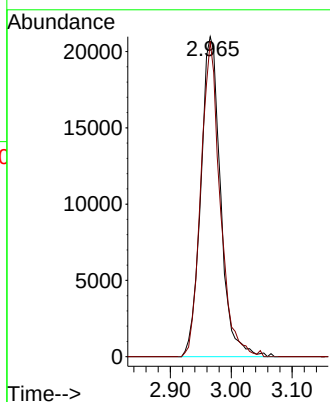
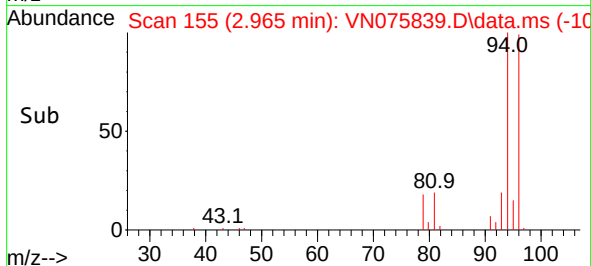
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01



Tgt Ion: 94 Resp: 47386  
Ion Ratio Lower Upper  
94 100  
96 98.5 73.8 110.6

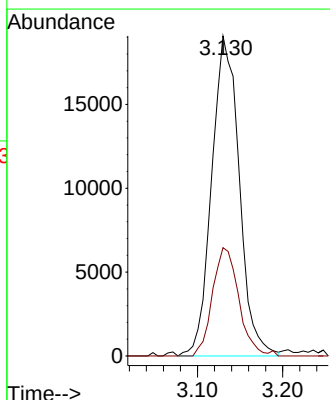
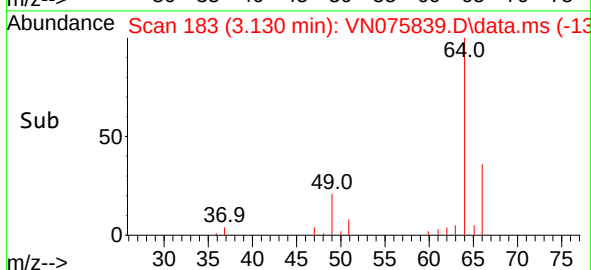
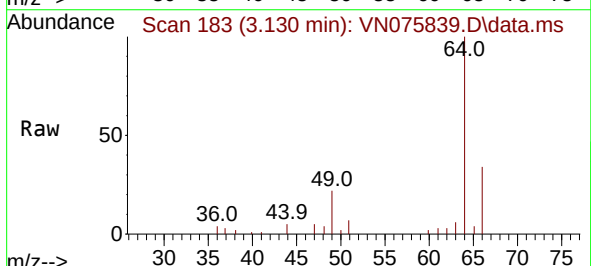
Manual Integrations  
APPROVED

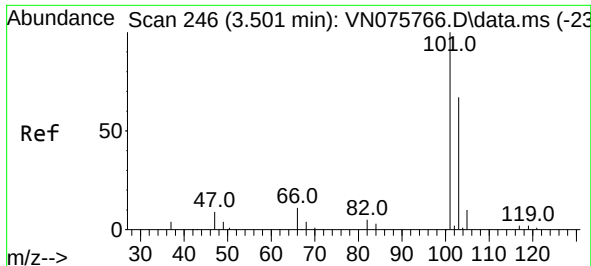
Reviewed By :John Carlone 12/19/2022  
Supervised By :Mahesh Dadoda 12/19/2022



#6  
Chloroethane  
Concen: 18.810 ug/l  
RT: 3.130 min Scan# 183  
Delta R.T. 0.012 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49

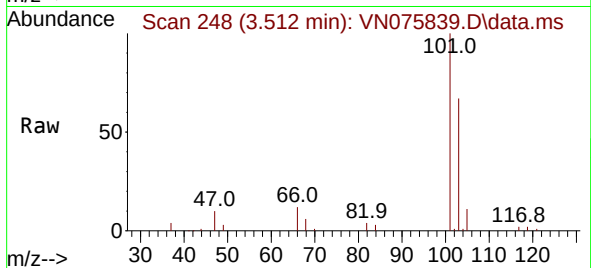
Tgt Ion: 64 Resp: 42891  
Ion Ratio Lower Upper  
64 100  
66 33.9 24.6 36.8





#7  
Trichlorofluoromethane  
Concen: 18.584 ug/l  
RT: 3.512 min Scan# 246  
Delta R.T. 0.012 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49

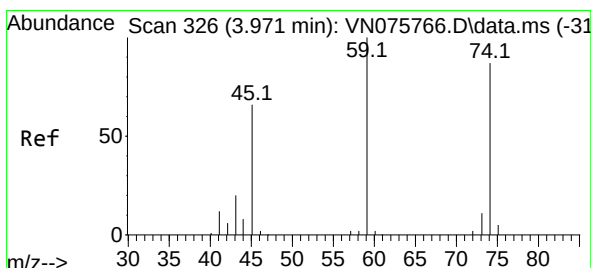
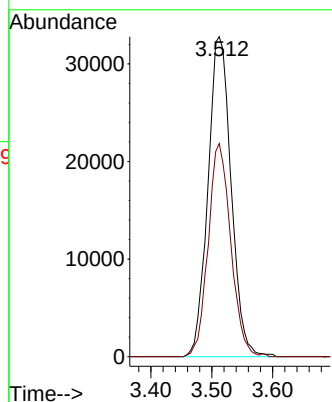
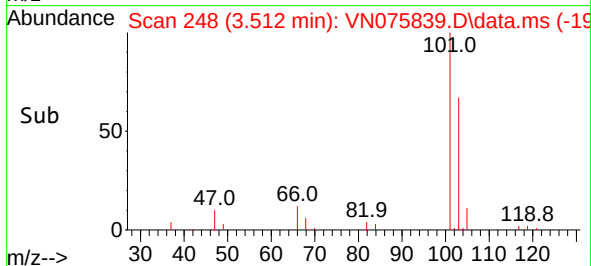
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01



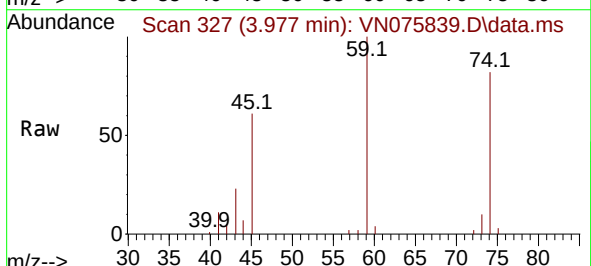
Tgt Ion:101 Resp: 86830  
Ion Ratio Lower Upper  
101 100  
103 66.6 53.4 80.2

Manual Integrations  
APPROVED

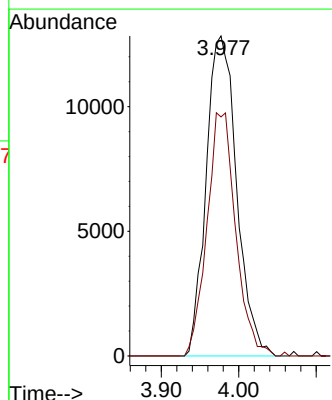
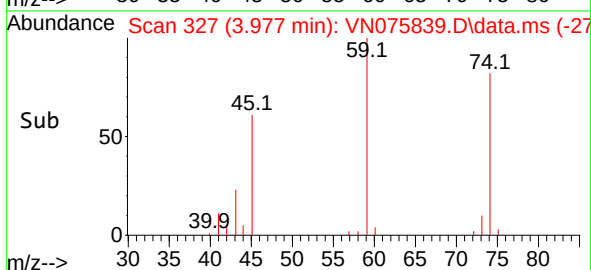
Reviewed By :John Carlone 12/19/2022  
Supervised By :Mahesh Dadoda 12/19/2022



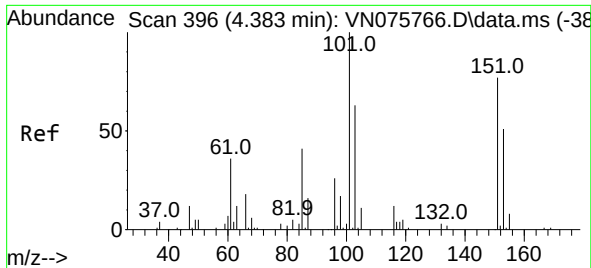
#8  
Diethyl Ether  
Concen: 20.612 ug/l  
RT: 3.977 min Scan# 327  
Delta R.T. 0.006 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49



Tgt Ion: 74 Resp: 35174  
Ion Ratio Lower Upper  
74 100  
45 71.6 37.8 113.4







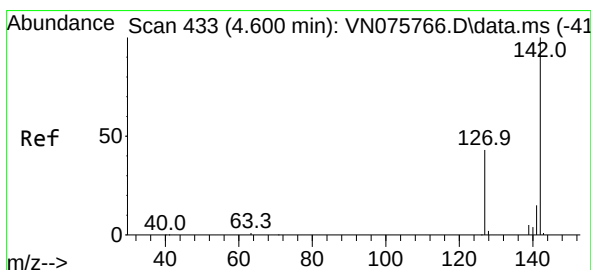
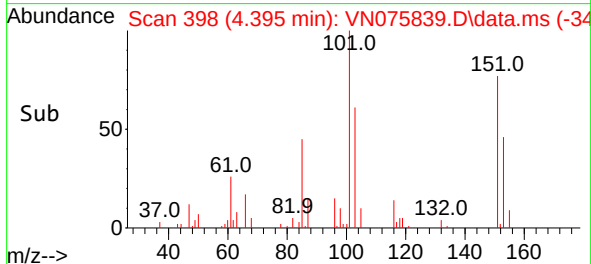
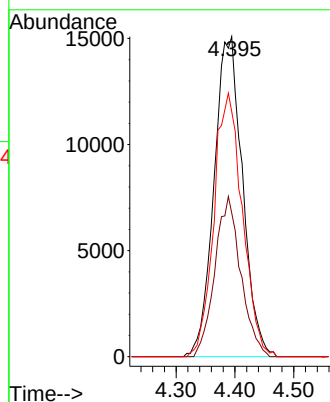
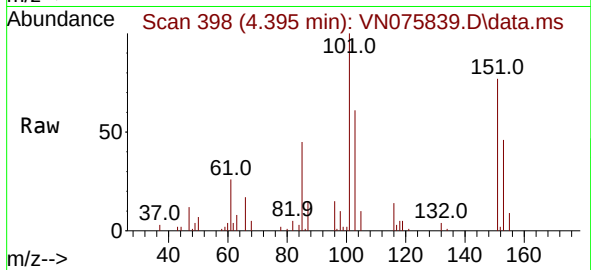
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.990 ug/l  
RT: 4.395 min Scan# 396  
Delta R.T. 0.012 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01

Tgt Ion:101 Resp: 5066  
Ion Ratio Lower Upper  
101 100  
85 45.6 35.3 52.9  
151 82.3 65.6 98.4

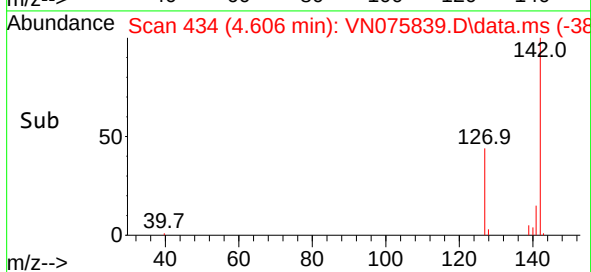
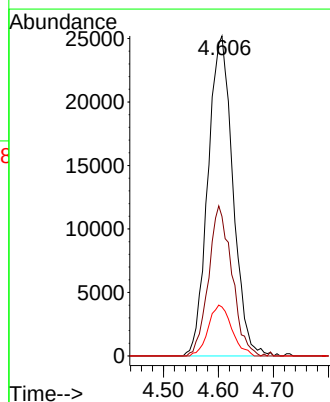
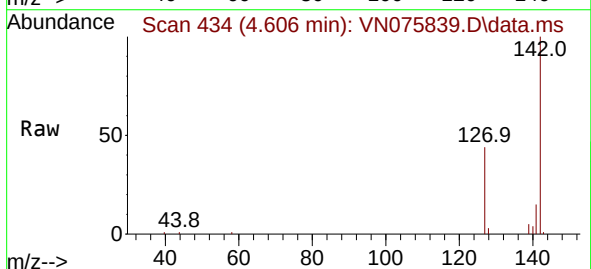
Manual Integrations  
APPROVED

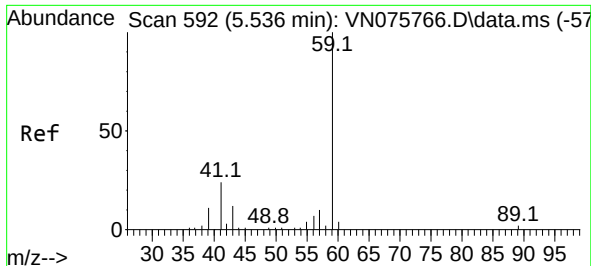
Reviewed By :John Carlone 12/19/2022  
Supervised By :Mahesh Dadoda 12/19/2022



#10  
Methyl Iodide  
Concen: 18.357 ug/l  
RT: 4.606 min Scan# 434  
Delta R.T. 0.006 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49

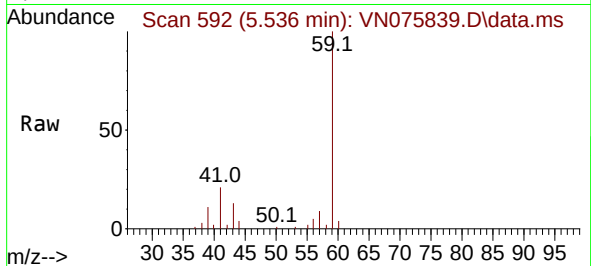
Tgt Ion:142 Resp: 79482  
Ion Ratio Lower Upper  
142 100  
127 43.9 34.7 52.1  
141 14.9 11.4 17.2





#11  
Tert butyl alcohol  
Concen: 97.273 ug/l  
RT: 5.536 min Scan# 592  
Delta R.T. 0.000 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49

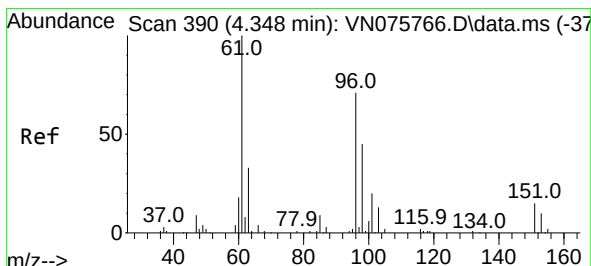
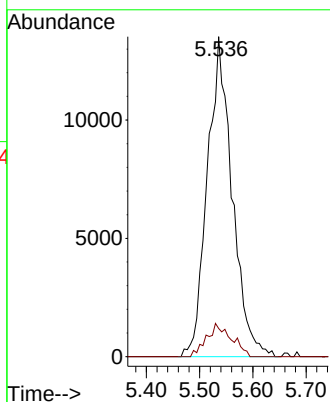
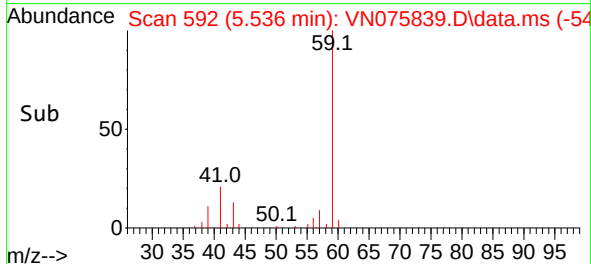
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01



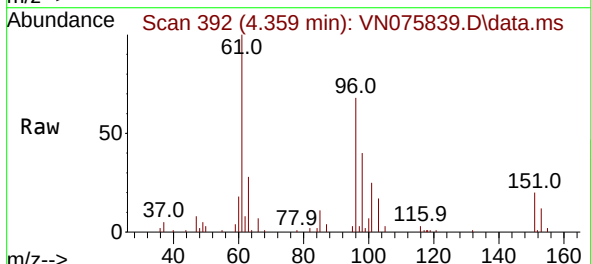
Tgt Ion: 59 Resp: 43778  
Ion Ratio Lower Upper  
59 100  
57 10.3 8.2 12.4

Manual Integrations  
APPROVED

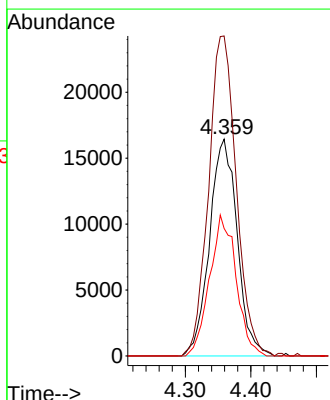
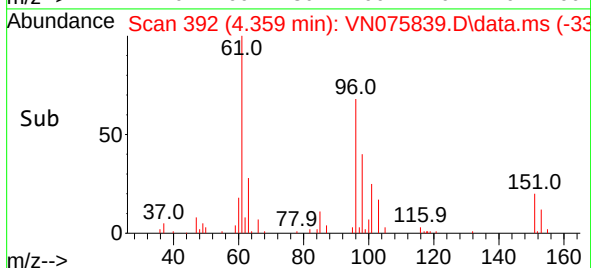
Reviewed By :John Carlone 12/19/2022  
Supervised By :Mahesh Dadoda 12/19/2022

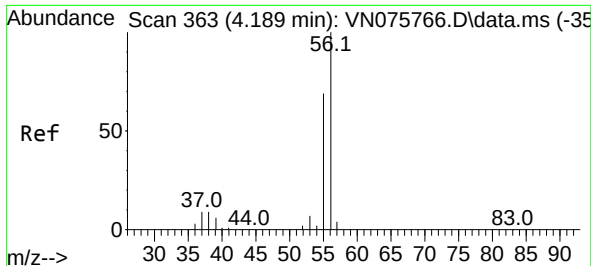


#12  
1,1-Dichloroethene  
Concen: 18.597 ug/l  
RT: 4.359 min Scan# 392  
Delta R.T. 0.012 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49



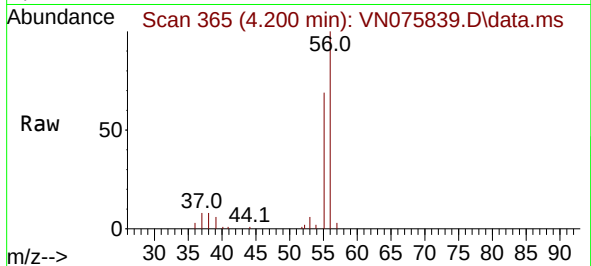
Tgt Ion: 96 Resp: 48189  
Ion Ratio Lower Upper  
96 100  
61 147.6 113.3 169.9  
98 58.8 50.9 76.3





#13  
Acrolein  
Concen: 127.825 ug/l  
RT: 4.200 min Scan# 30  
Delta R.T. 0.012 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49

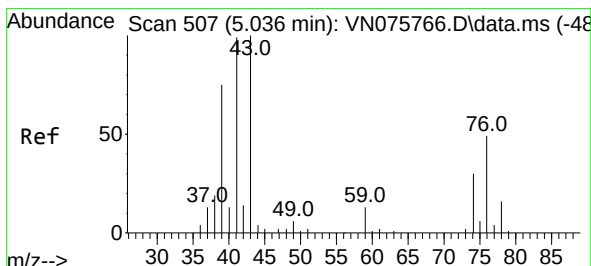
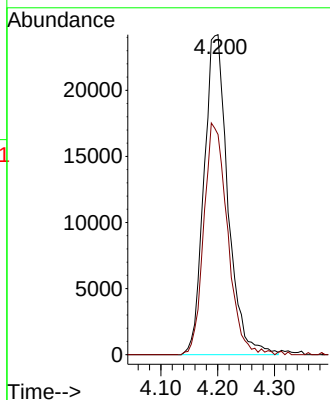
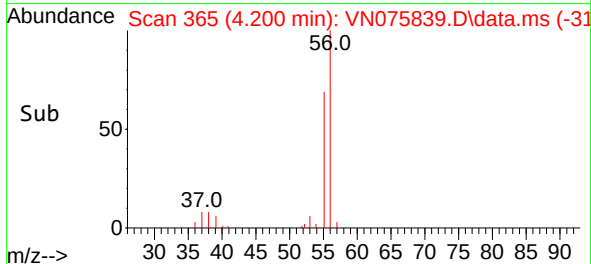
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01



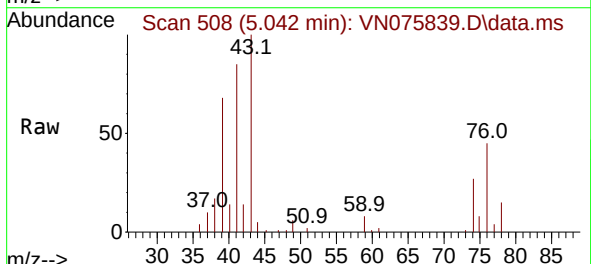
Tgt Ion: 56 Resp: 70528  
Ion Ratio Lower Upper  
56 100  
55 71.3 54.8 82.2

Manual Integrations  
APPROVED

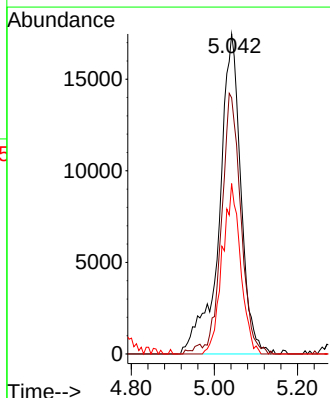
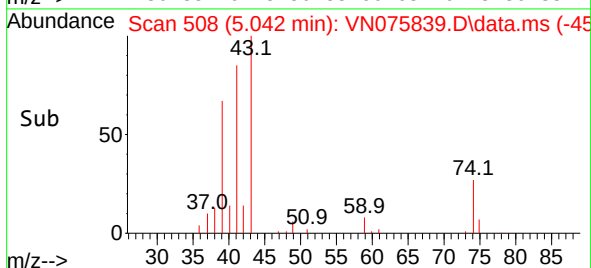
Reviewed By :John Carlone 12/19/2022  
Supervised By :Mahesh Dadoda 12/19/2022

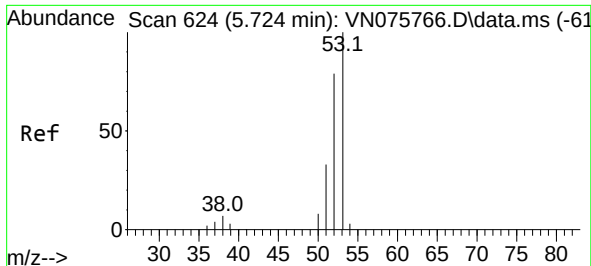


#14  
Allyl chloride  
Concen: 20.854 ug/l  
RT: 5.042 min Scan# 508  
Delta R.T. 0.006 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49



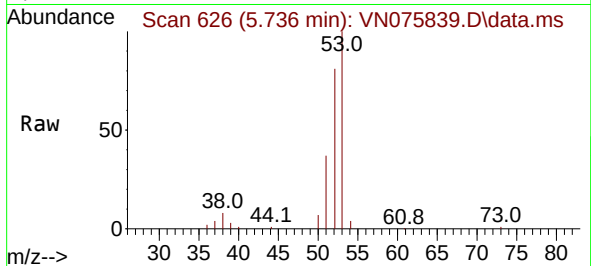
Tgt Ion: 41 Resp: 63168  
Ion Ratio Lower Upper  
41 100  
39 72.1 58.3 87.5  
76 44.9 35.8 53.6





#15  
Acrylonitrile  
Concen: 103.299 ug/l  
RT: 5.736 min Scan# 61  
Delta R.T. 0.012 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49

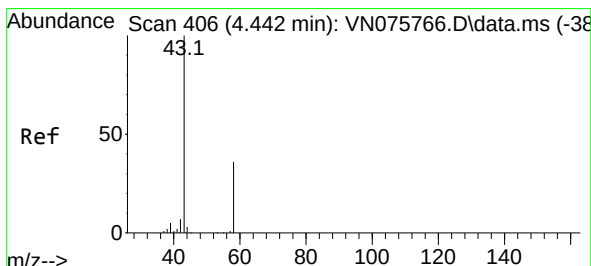
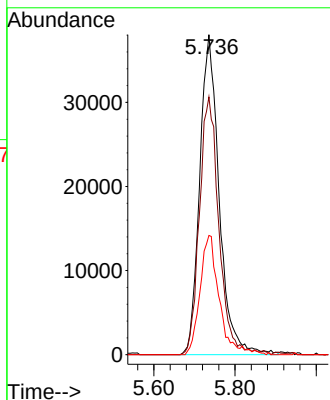
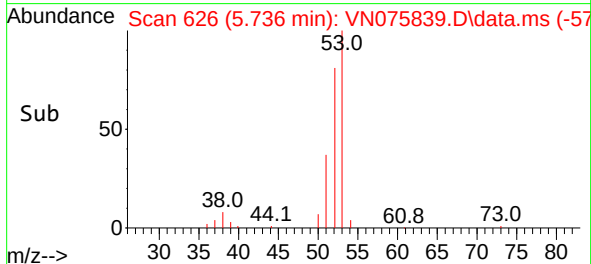
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01



Tgt Ion: 53 Resp: 126869  
Ion Ratio Lower Upper  
53 100  
52 80.0 65.4 98.0  
51 36.7 28.9 43.3

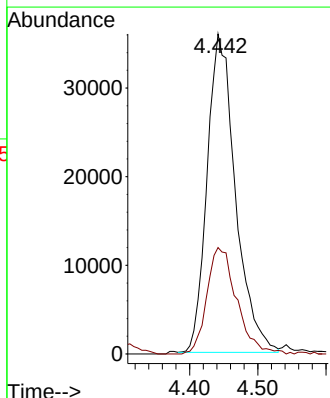
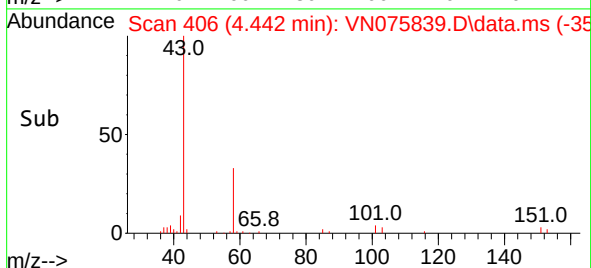
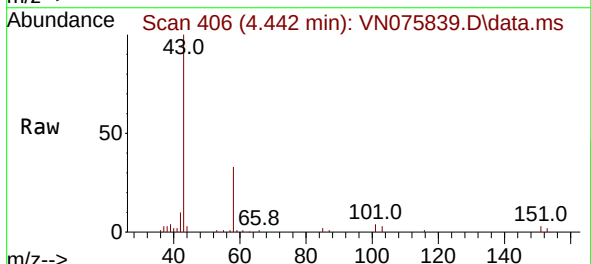
Manual Integrations  
APPROVED

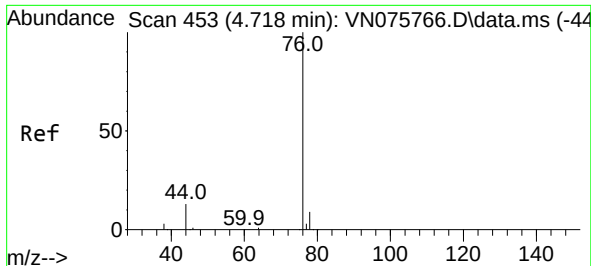
Reviewed By :John Carlone 12/19/2022  
Supervised By :Mahesh Dadoda 12/19/2022



#16  
Acetone  
Concen: 94.985 ug/l  
RT: 4.442 min Scan# 406  
Delta R.T. 0.000 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49

Tgt Ion: 43 Resp: 104144  
Ion Ratio Lower Upper  
43 100  
58 33.4 28.6 43.0





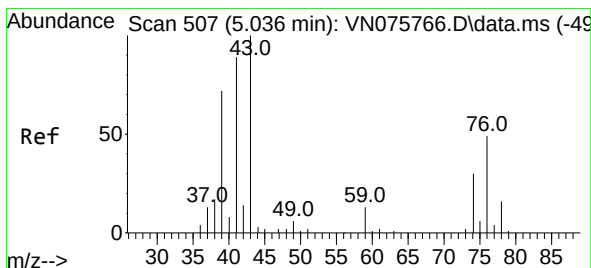
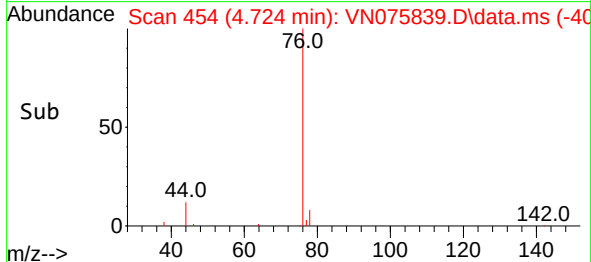
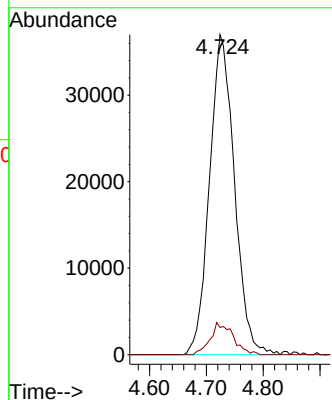
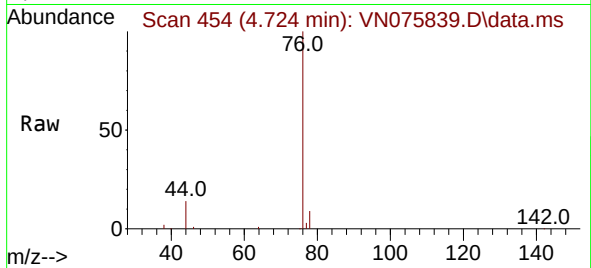
#17  
Carbon Disulfide  
Concen: 17.948 ug/l  
RT: 4.724 min Scan# 454  
Delta R.T. 0.006 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01

Tgt Ion: 76 Resp: 11259  
Ion Ratio Lower Upper  
76 100  
78 8.5 6.8 10.2

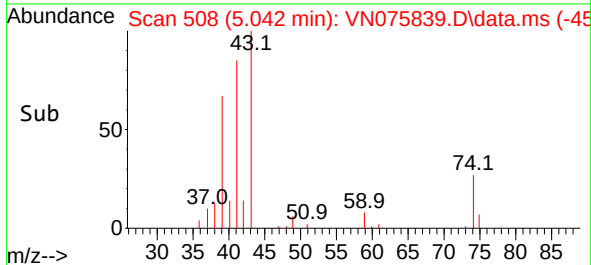
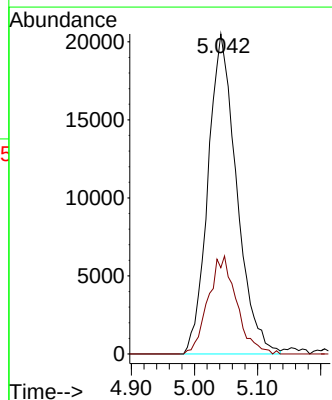
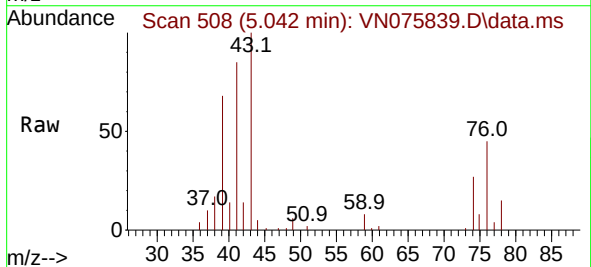
Manual Integrations  
APPROVED

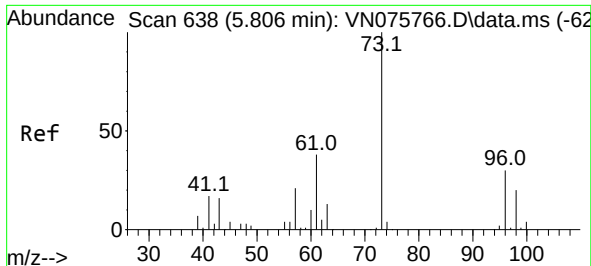
Reviewed By :John Carlone 12/19/2022  
Supervised By :Mahesh Dadoda 12/19/2022



#18  
Methyl Acetate  
Concen: 19.946 ug/l  
RT: 5.042 min Scan# 508  
Delta R.T. 0.006 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49

Tgt Ion: 43 Resp: 64645  
Ion Ratio Lower Upper  
43 100  
74 30.3 23.6 35.4





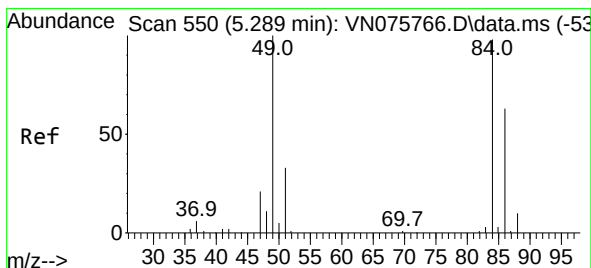
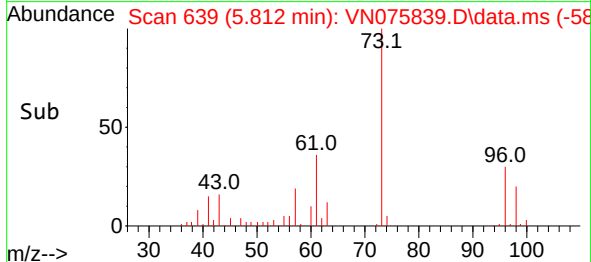
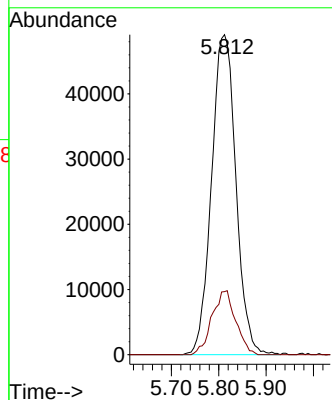
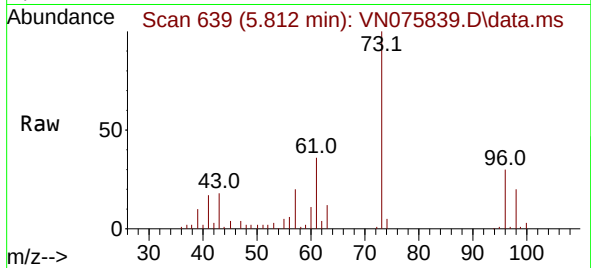
#19  
Methyl tert-butyl Ether  
Concen: 20.569 ug/l  
RT: 5.812 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01

Tgt Ion: 73 Resp: 175514  
Ion Ratio Lower Upper  
73 100  
57 19.7 17.1 25.7

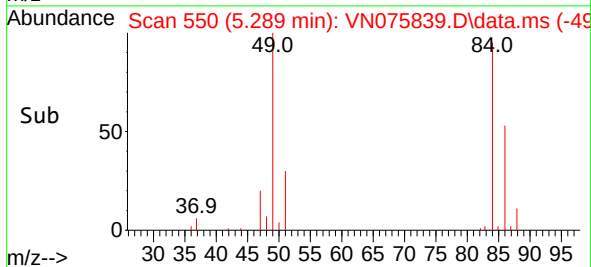
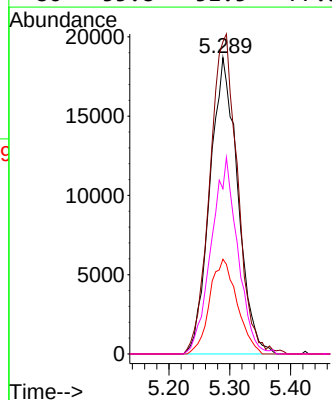
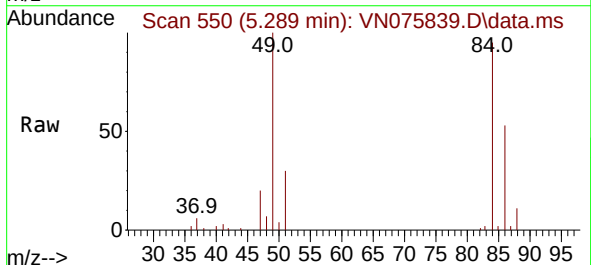
Manual Integrations  
APPROVED

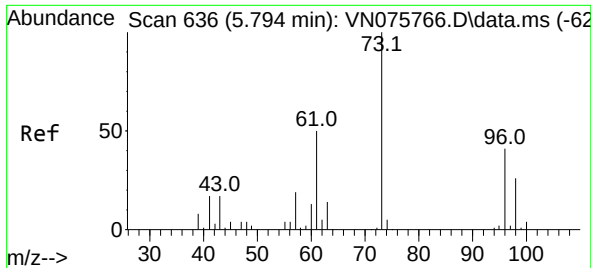
Reviewed By :John Carlone 12/19/2022  
Supervised By :Mahesh Dadoda 12/19/2022



#20  
Methylene Chloride  
Concen: 19.840 ug/l  
RT: 5.289 min Scan# 550  
Delta R.T. -0.000 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49

Tgt Ion: 84 Resp: 59325  
Ion Ratio Lower Upper  
84 100  
49 105.4 81.8 122.6  
51 32.0 26.7 40.1  
86 55.8 51.5 77.3





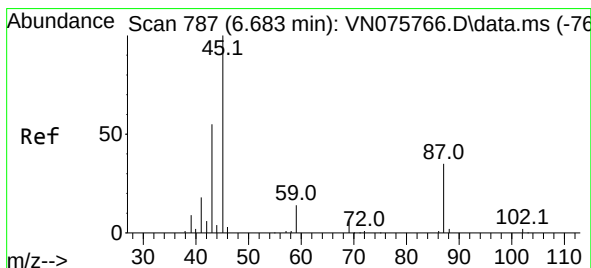
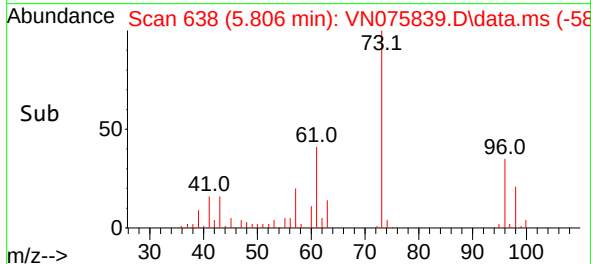
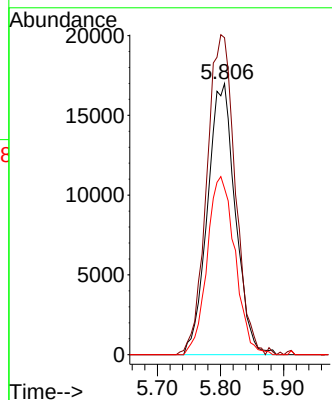
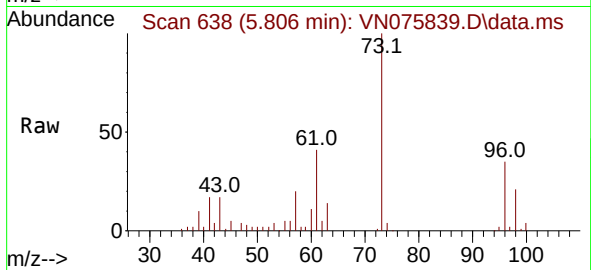
#21  
trans-1,2-Dichloroethene  
Concen: 18.363 ug/l  
RT: 5.806 min Scan# 611  
Delta R.T. 0.012 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01

Tgt Ion: 96 Resp: 52110  
Ion Ratio Lower Upper  
96 100  
61 115.9 98.1 147.1  
98 61.3 51.4 77.2

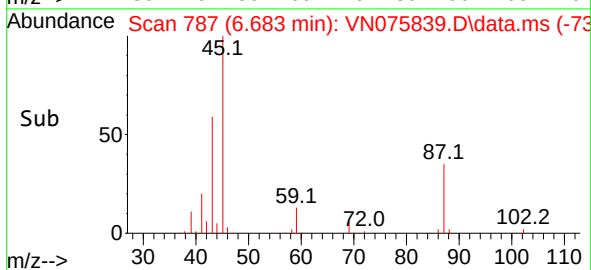
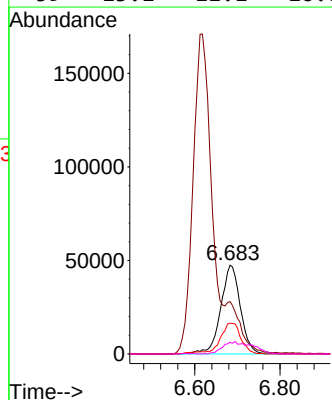
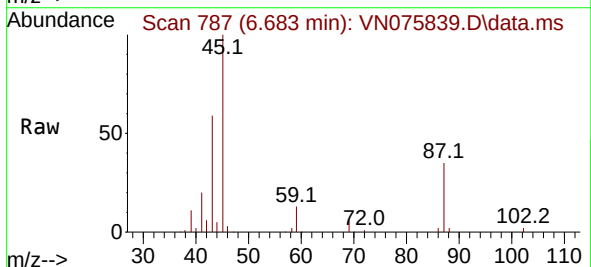
Manual Integrations  
APPROVED

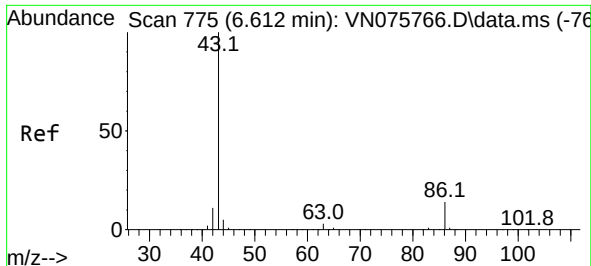
Reviewed By :John Carlone 12/19/2022  
Supervised By :Mahesh Dadoda 12/19/2022



#22  
Diisopropyl ether  
Concen: 20.665 ug/l  
RT: 6.683 min Scan# 787  
Delta R.T. 0.000 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49

Tgt Ion: 45 Resp: 152064  
Ion Ratio Lower Upper  
45 100  
43 57.9 44.2 66.4  
87 34.9 28.3 42.5  
59 13.1 11.1 16.7





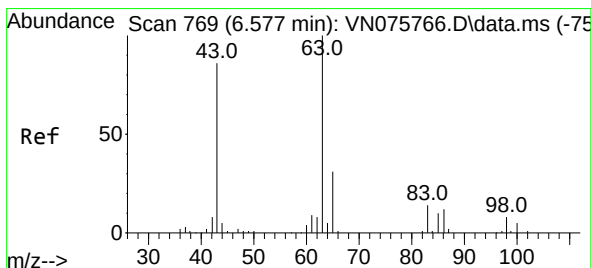
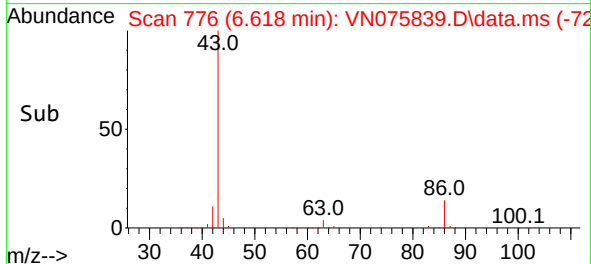
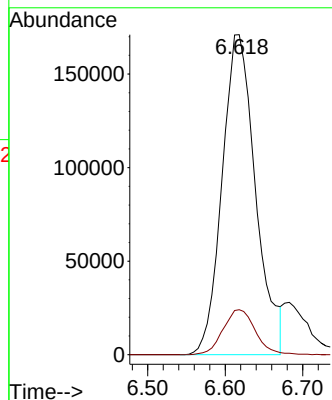
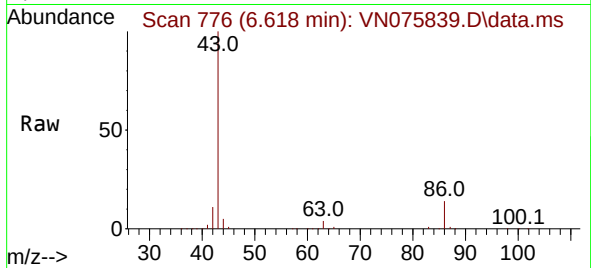
#23  
 Vinyl Acetate  
 Concen: 103.940 ug/l  
 RT: 6.618 min Scan# 71  
 Delta R.T. 0.006 min  
 Lab File: VN075839.D  
 Acq: 16 Dec 2022 11:49

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1216WBSD01

Tgt Ion: 43 Resp: 51478  
 Ion Ratio Lower Upper  
 43 100  
 86 14.1 11.4 17.2

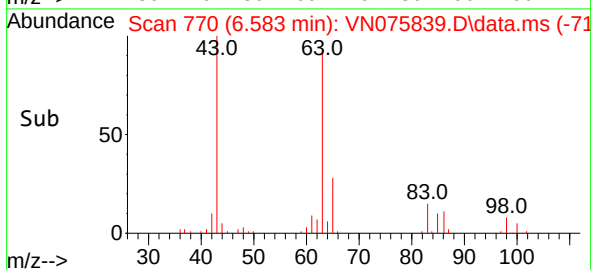
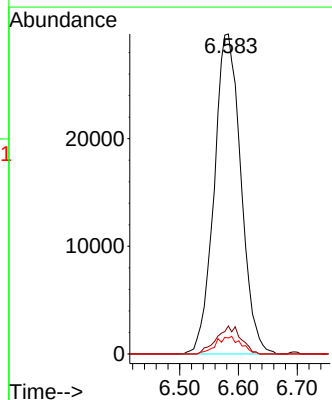
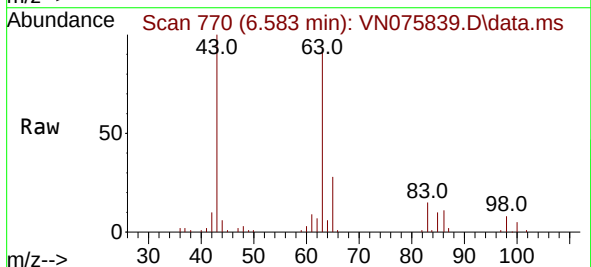
Manual Integrations  
 APPROVED

Reviewed By :John Carlone 12/19/2022  
 Supervised By :Mahesh Dadoda 12/19/2022

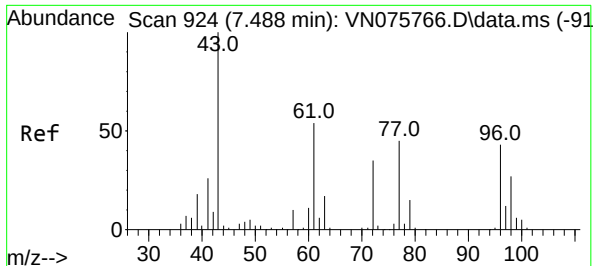


#24  
 1,1-Dichloroethane  
 Concen: 19.116 ug/l  
 RT: 6.583 min Scan# 770  
 Delta R.T. 0.006 min  
 Lab File: VN075839.D  
 Acq: 16 Dec 2022 11:49

Tgt Ion: 63 Resp: 93809  
 Ion Ratio Lower Upper  
 63 100  
 98 8.8 3.9 11.5  
 100 5.0 2.5 7.6







#25

2-Butanone

Concen: 101.712 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075839.D

Acq: 16 Dec 2022 11:49

Instrument :

MSVOA\_N

ClientSampleId :

VN1216WBSD01

Tgt Ion: 43 Resp: 15614

Ion Ratio Lower Upper

43 100

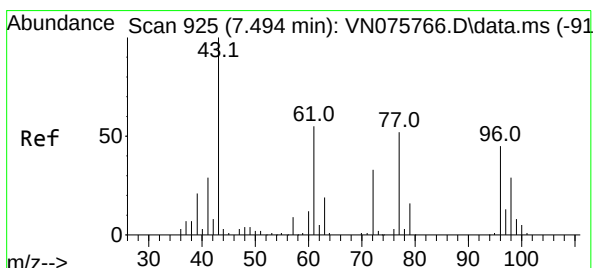
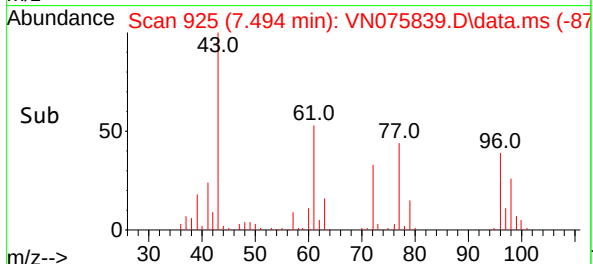
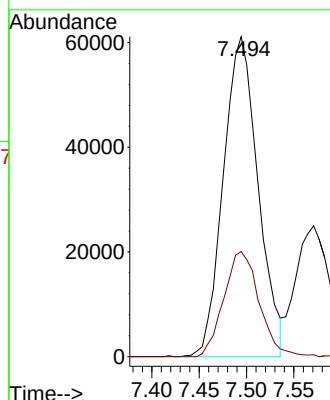
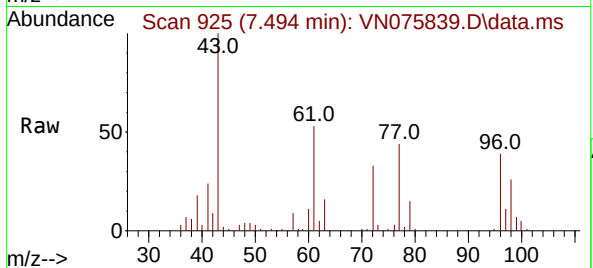
72 32.8 28.0 42.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#26

2,2-Dichloropropane

Concen: 19.075 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.006 min

Lab File: VN075839.D

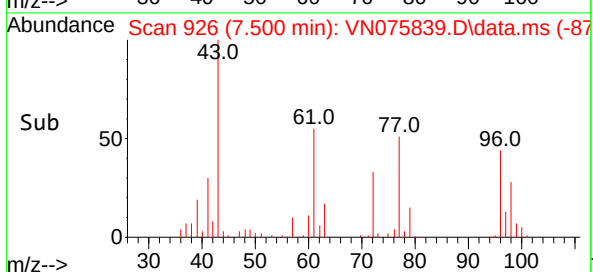
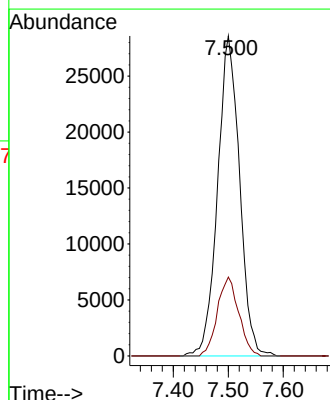
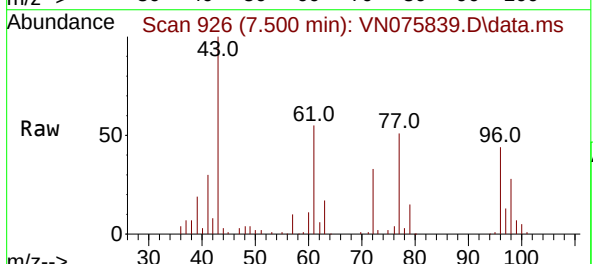
Acq: 16 Dec 2022 11:49

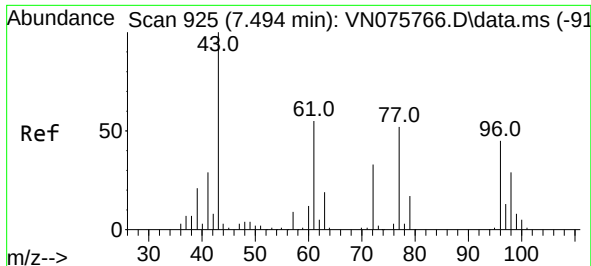
Tgt Ion: 77 Resp: 79275

Ion Ratio Lower Upper

77 100

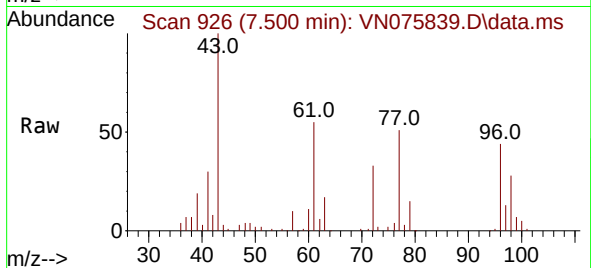
97 23.9 12.7 38.0





#27  
 cis-1,2-Dichloroethene  
 Concen: 18.871 ug/l  
 RT: 7.500 min Scan# 91  
 Delta R.T. 0.006 min  
 Lab File: VN075839.D  
 Acq: 16 Dec 2022 11:49

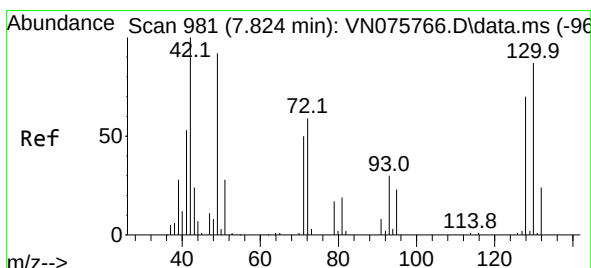
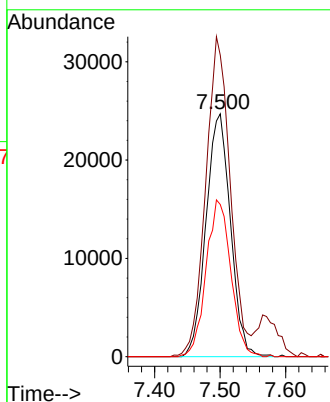
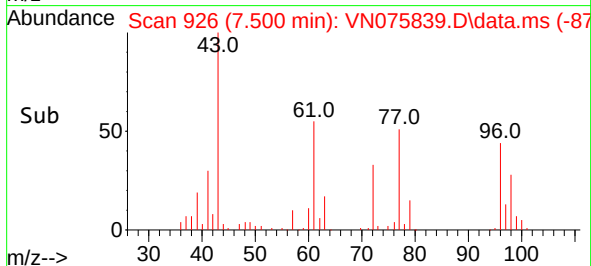
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1216WBSD01



Tgt Ion: 96 Resp: 64040  
 Ion Ratio Lower Upper  
 96 100  
 61 132.1 0.0 247.8  
 98 65.0 0.0 128.4

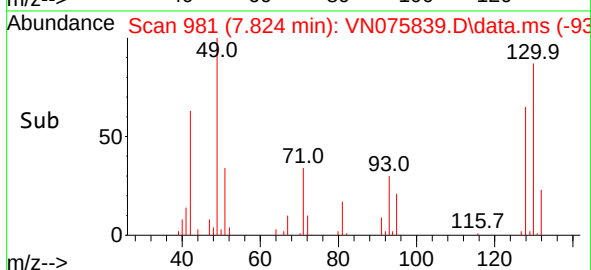
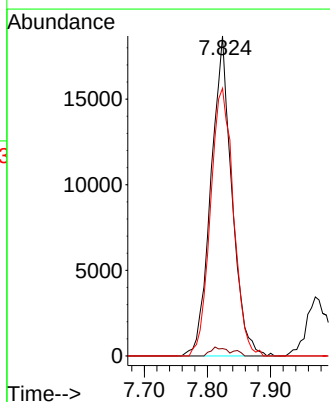
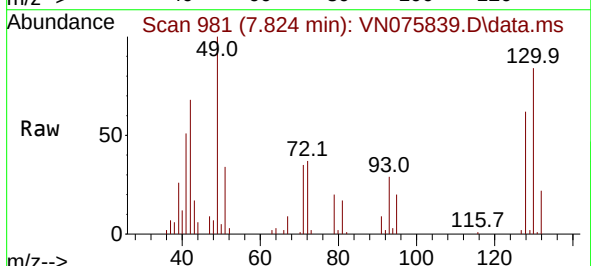
Manual Integrations  
 APPROVED

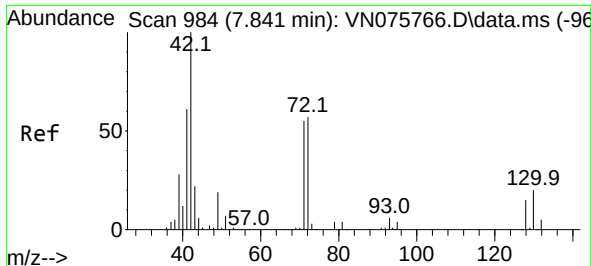
Reviewed By :John Carlone 12/19/2022  
 Supervised By :Mahesh Dadoda 12/19/2022



#28  
 Bromochloromethane  
 Concen: 20.027 ug/l  
 RT: 7.824 min Scan# 981  
 Delta R.T. 0.000 min  
 Lab File: VN075839.D  
 Acq: 16 Dec 2022 11:49

Tgt Ion: 49 Resp: 43077  
 Ion Ratio Lower Upper  
 49 100  
 129 2.0 0.0 5.0  
 130 91.6 77.0 115.4





#29

Tetrahydrofuran

Concen: 106.453 ug/l

RT: 7.847 min Scan# 984

Delta R.T. 0.006 min

Lab File: VN075839.D

Acq: 16 Dec 2022 11:49

Instrument :

MSVOA\_N

ClientSampleId :

VN1216WBSD01

Tgt Ion: 42 Resp: 10241

Ion Ratio Lower Upper

42 100

72 54.4 44.5 66.7

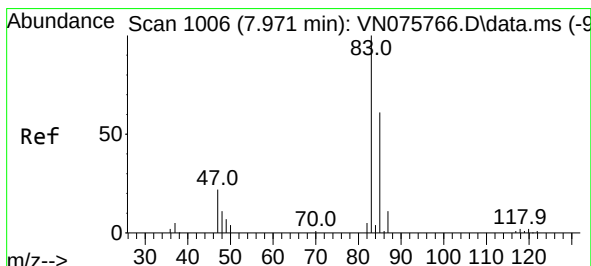
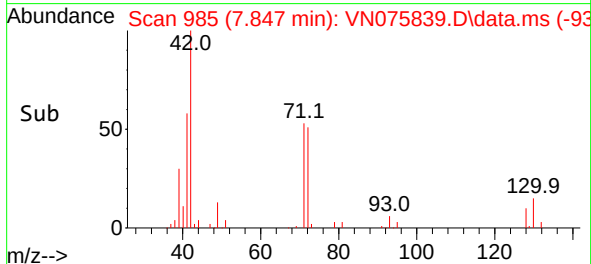
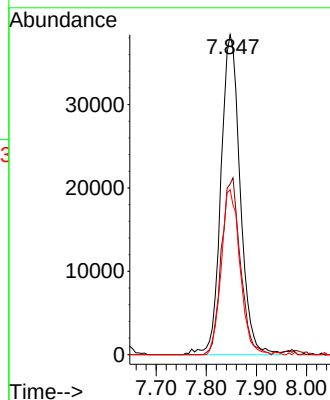
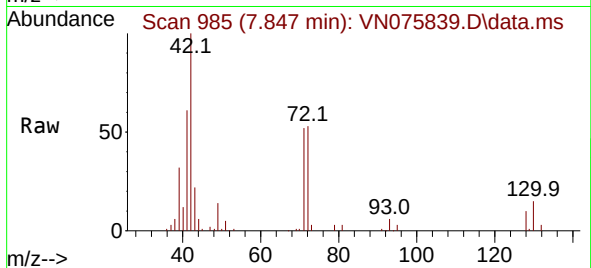
71 50.1 41.0 61.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#30

Chloroform

Concen: 19.330 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. 0.000 min

Lab File: VN075839.D

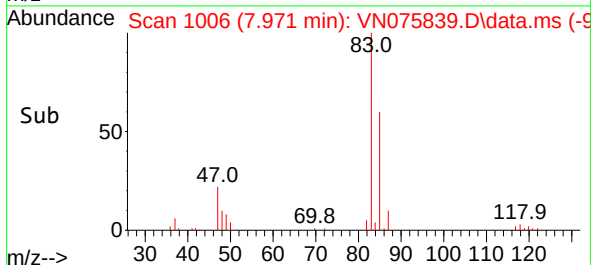
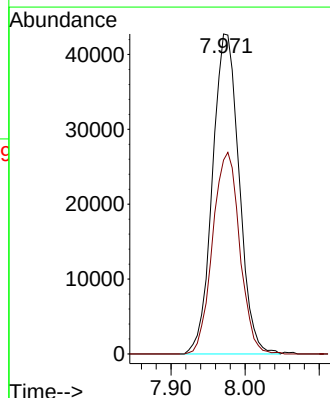
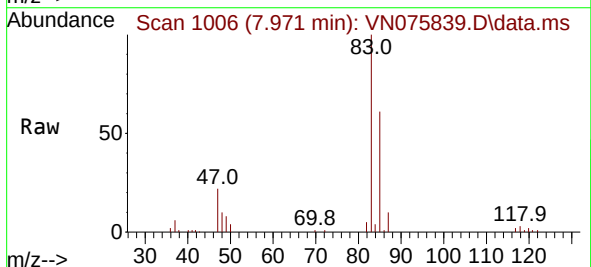
Acq: 16 Dec 2022 11:49

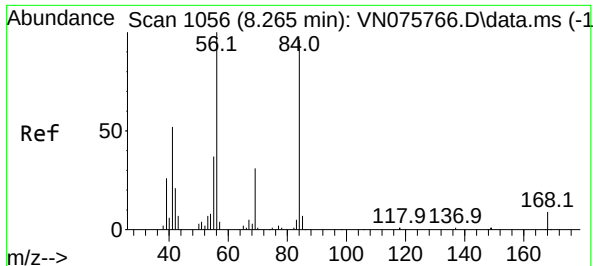
Tgt Ion: 83 Resp: 106803

Ion Ratio Lower Upper

83 100

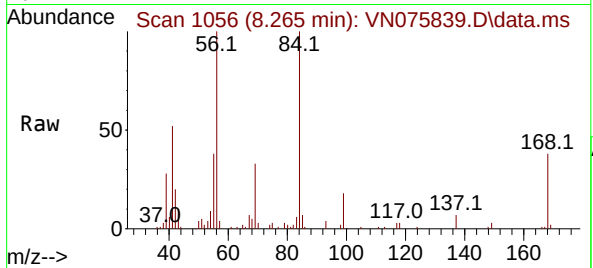
85 60.6 49.1 73.7





#31  
Cyclohexane  
Concen: 18.033 ug/l  
RT: 8.265 min Scan# 1056  
Delta R.T. 0.000 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49

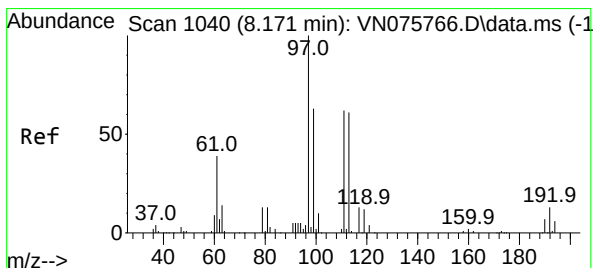
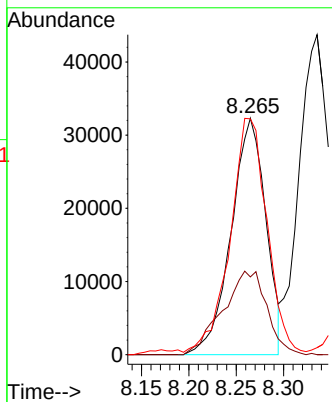
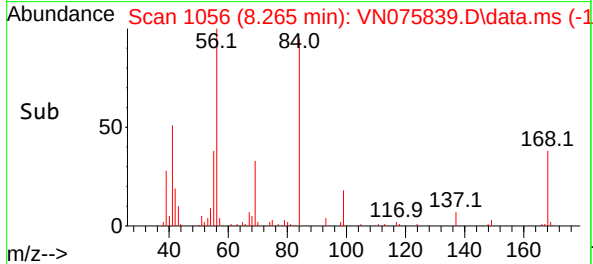
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01



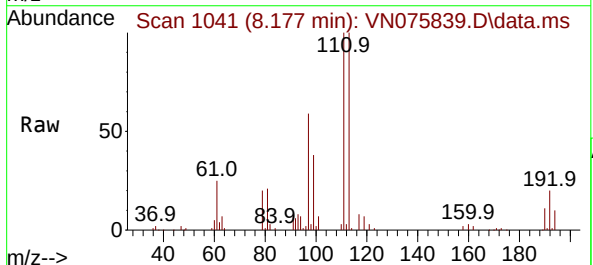
Tgt Ion: 56 Resp: 8214  
Ion Ratio Lower Upper  
56 100  
69 32.9 24.7 37.1  
84 97.7 76.5 114.7

Manual Integrations  
APPROVED

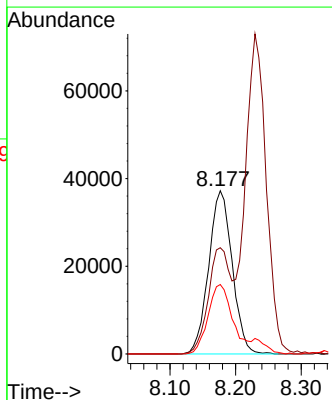
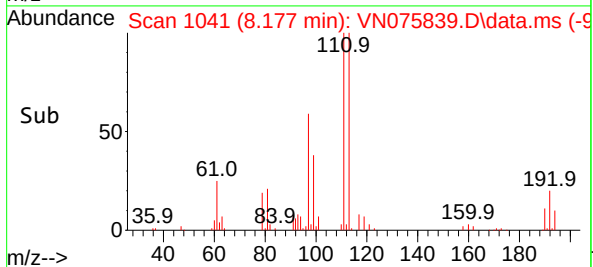
Reviewed By :John Carlone 12/19/2022  
Supervised By :Mahesh Dadoda 12/19/2022

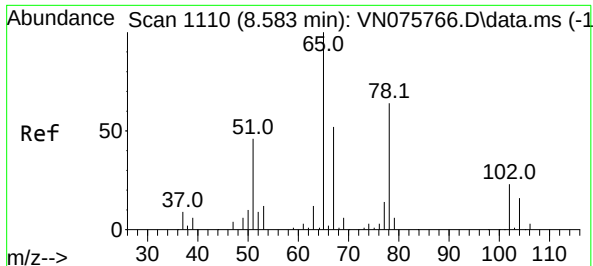


#32  
1,1,1-Trichloroethane  
Concen: 18.937 ug/l  
RT: 8.177 min Scan# 1041  
Delta R.T. 0.006 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49



Tgt Ion: 97 Resp: 92765  
Ion Ratio Lower Upper  
97 100  
99 60.2 50.2 75.2  
61 45.1 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 53.389 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075839.D

Acq: 16 Dec 2022 11:49

Instrument :

MSVOA\_N

ClientSampleId :

VN1216WBSD01

Tgt Ion: 65 Resp: 169809

Ion Ratio Lower Upper

65 100

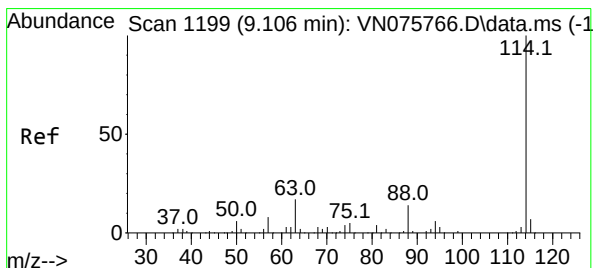
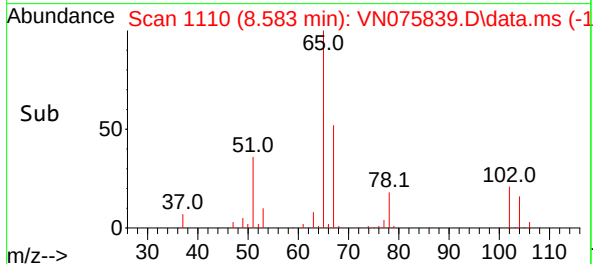
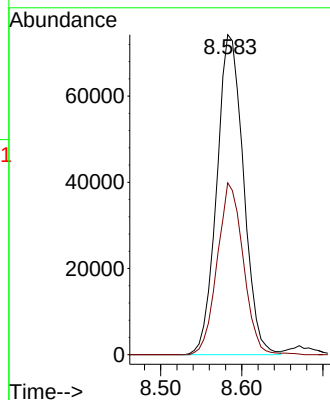
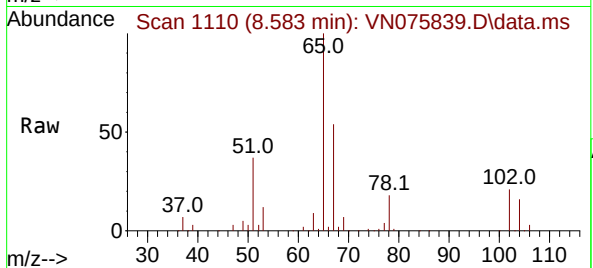
67 52.4 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075839.D

Acq: 16 Dec 2022 11:49

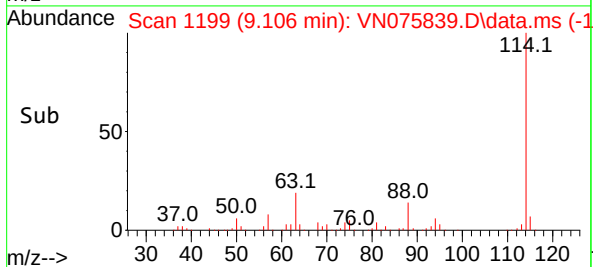
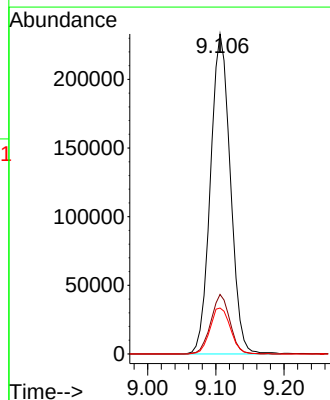
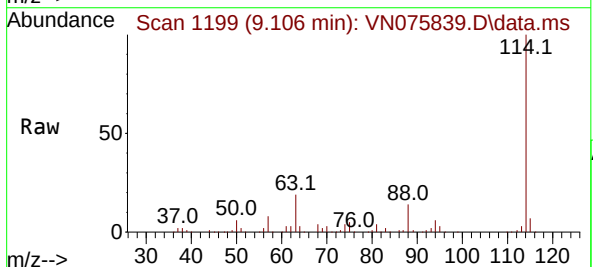
Tgt Ion:114 Resp: 472742

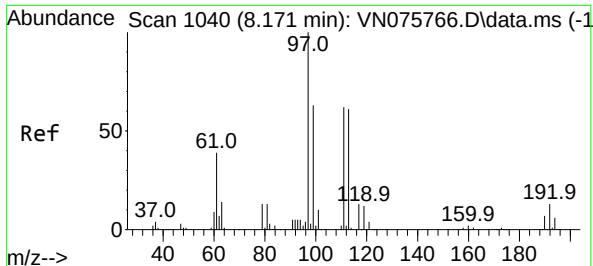
Ion Ratio Lower Upper

114 100

63 18.6 0.0 34.4

88 14.4 0.0 28.8





#35

Dibromofluoromethane

Concen: 51.783 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075839.D

Acq: 16 Dec 2022 11:49

Instrument :

MSVOA\_N

ClientSampleId :

VN1216WBSD01

Tgt Ion:113 Resp: 15160

Ion Ratio Lower Upper

113 100

111 102.1 83.4 125.2

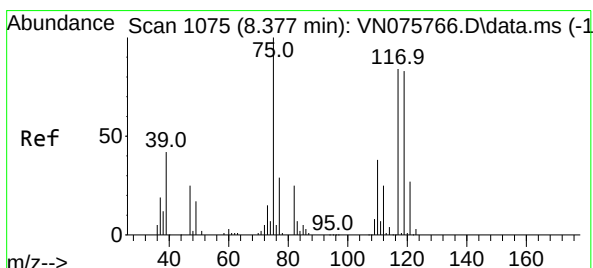
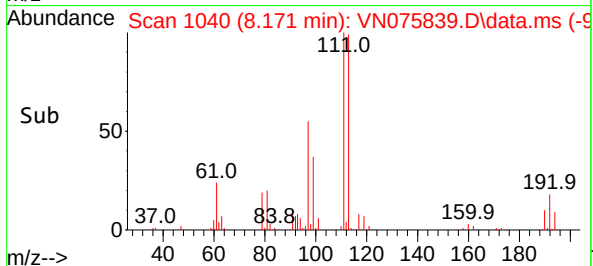
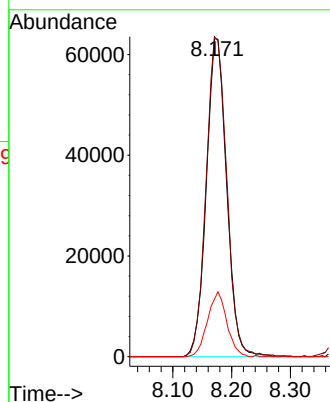
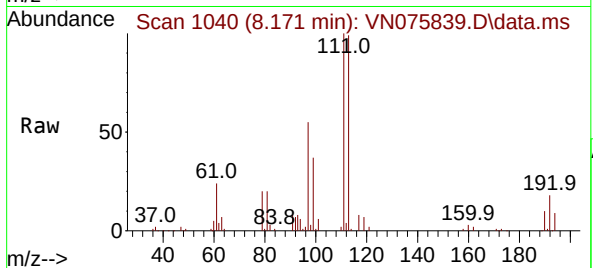
192 19.4 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#36

1,1-Dichloropropene

Concen: 18.859 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VN075839.D

Acq: 16 Dec 2022 11:49

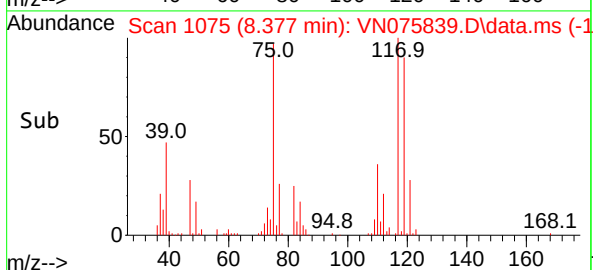
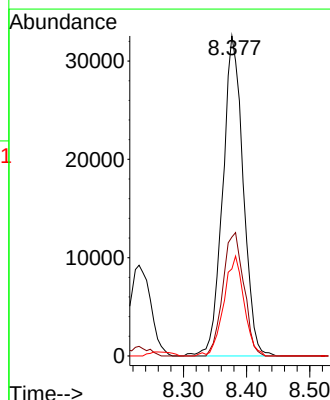
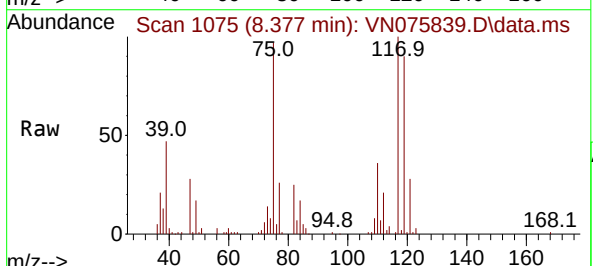
Tgt Ion: 75 Resp: 73342

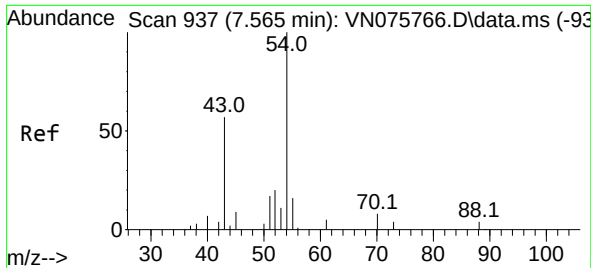
Ion Ratio Lower Upper

75 100

110 39.6 18.8 56.4

77 30.8 24.1 36.1





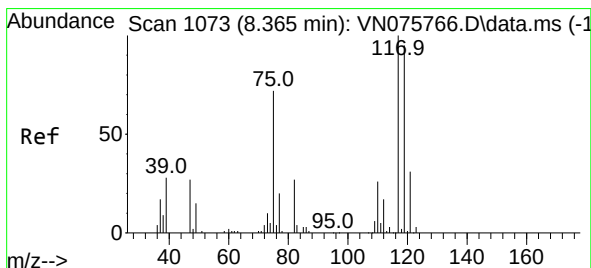
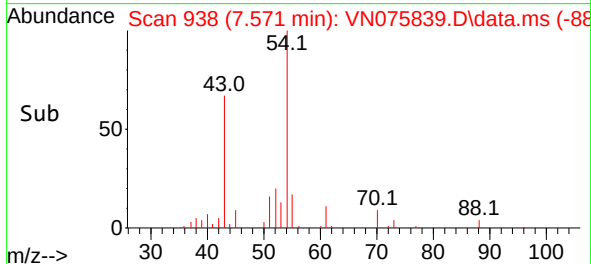
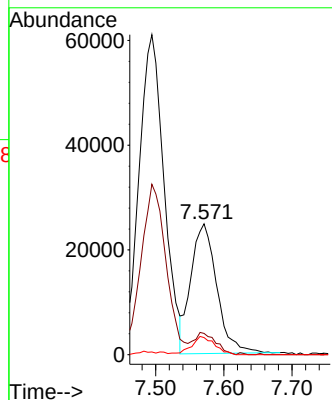
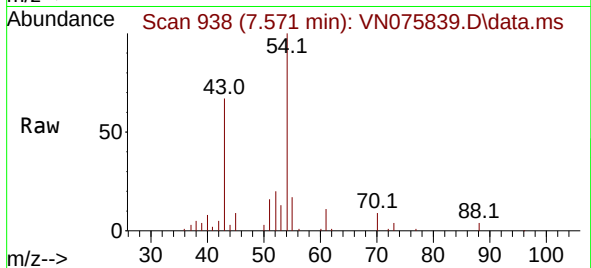
#37  
Ethyl Acetate  
Concen: 20.929 ug/l  
RT: 7.571 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01

Tgt Ion: 43 Resp: 65380  
Ion Ratio Lower Upper  
43 100  
61 14.2 13.0 19.4  
70 12.5 9.4 14.0

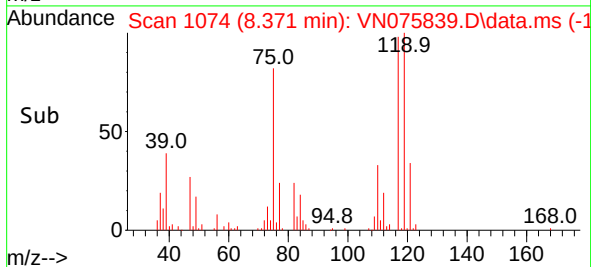
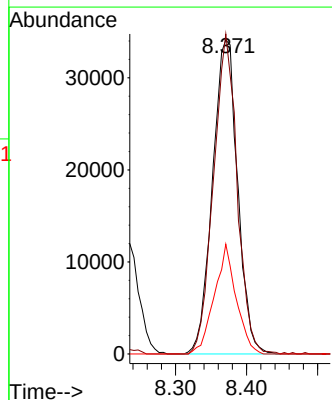
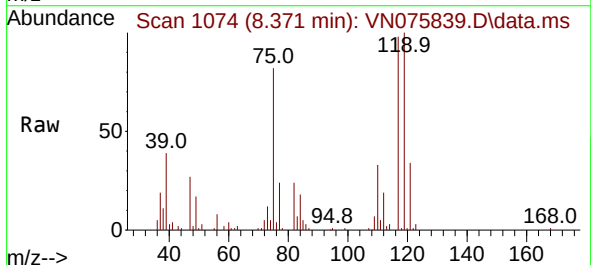
Manual Integrations  
APPROVED

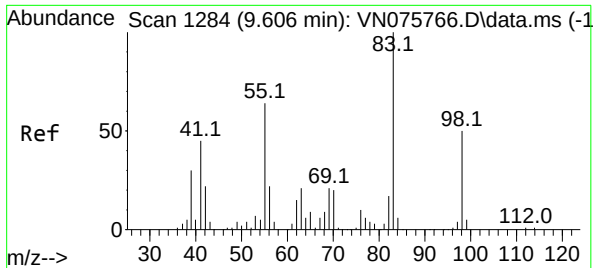
Reviewed By :John Carlone 12/19/2022  
Supervised By :Mahesh Dadoda 12/19/2022



#38  
Carbon Tetrachloride  
Concen: 19.237 ug/l  
RT: 8.371 min Scan# 1074  
Delta R.T. 0.006 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49

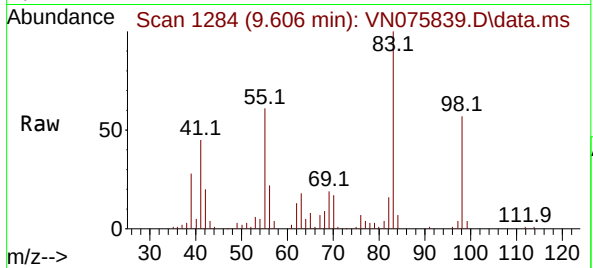
Tgt Ion:117 Resp: 83733  
Ion Ratio Lower Upper  
117 100  
119 101.9 76.1 114.1  
121 35.0 24.5 36.7





#39  
Methylcyclohexane  
Concen: 20.244 ug/l  
RT: 9.606 min Scan# 1115  
Delta R.T. 0.000 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49

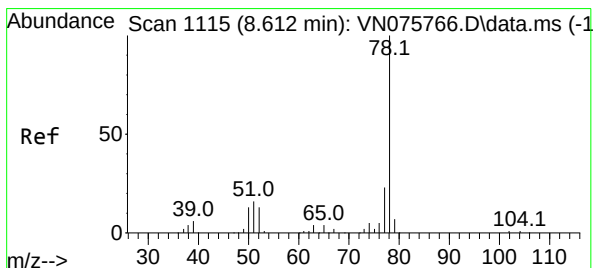
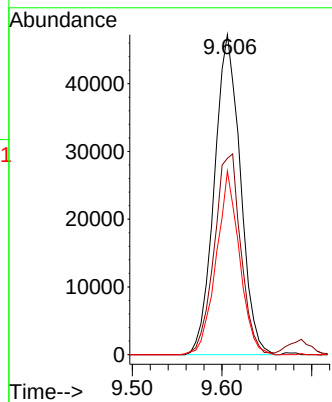
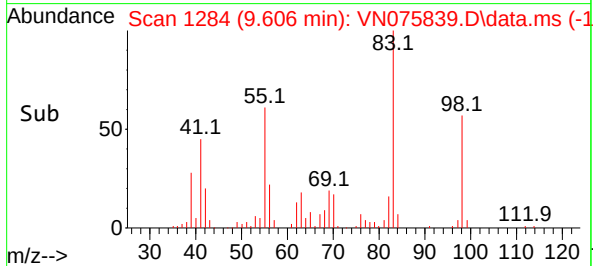
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01



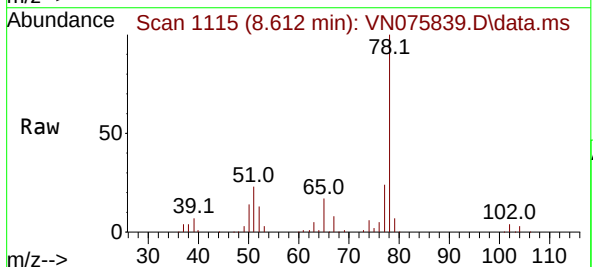
Tgt Ion: 83 Resp: 94980  
Ion Ratio Lower Upper  
83 100  
55 61.3 51.4 77.0  
98 57.4 39.8 59.8

Manual Integrations  
APPROVED

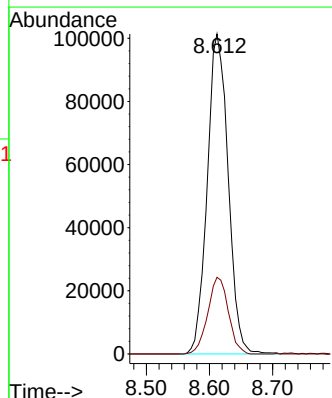
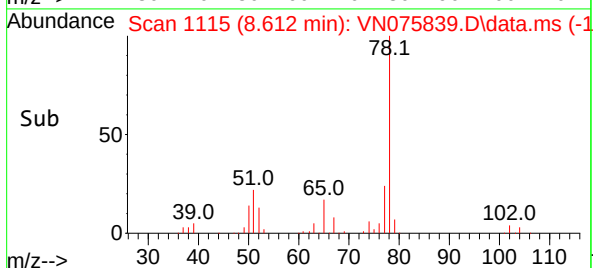
Reviewed By :John Carlone 12/19/2022  
Supervised By :Mahesh Dadoda 12/19/2022



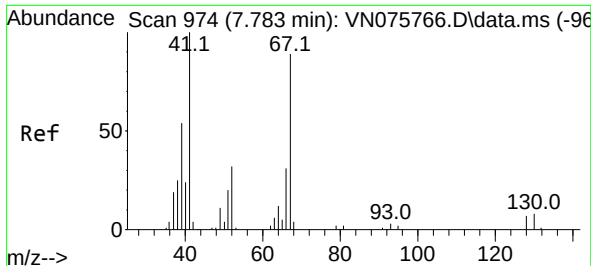
#40  
Benzene  
Concen: 19.429 ug/l  
RT: 8.612 min Scan# 1115  
Delta R.T. 0.000 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49



Tgt Ion: 78 Resp: 233130  
Ion Ratio Lower Upper  
78 100  
77 24.0 18.5 27.7

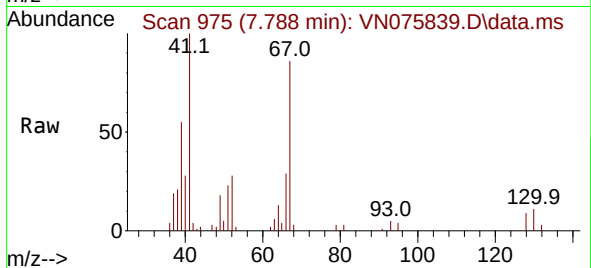






#41  
Methacrylonitrile  
Concen: 20.550 ug/l  
RT: 7.788 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49

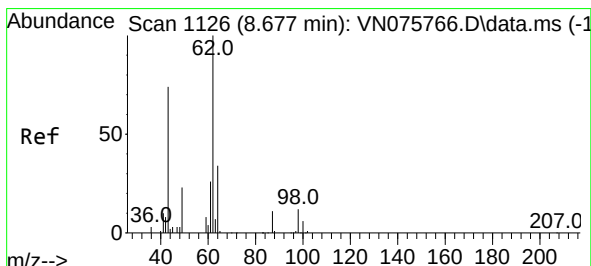
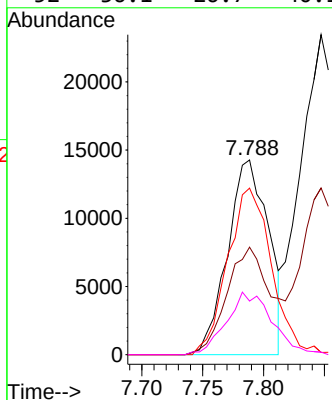
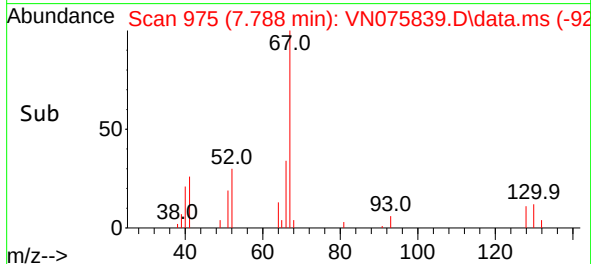
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01



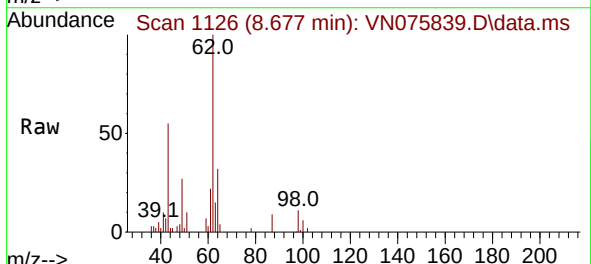
Tgt Ion: 41 Resp: 3336  
Ion Ratio Lower Upper  
41 100  
39 60.5 43.1 64.7  
67 92.0 70.7 106.1  
52 36.1 26.7 40.1

Manual Integrations  
APPROVED

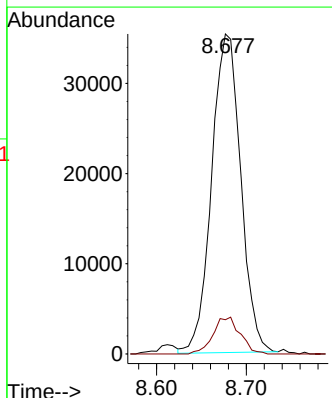
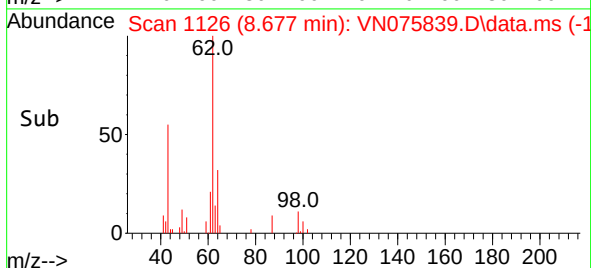
Reviewed By :John Carlone 12/19/2022  
Supervised By :Mahesh Dadoda 12/19/2022

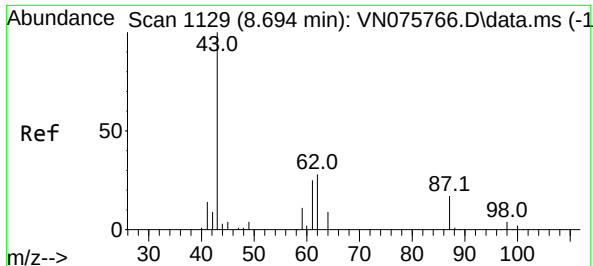


#42  
1,2-Dichloroethane  
Concen: 19.954 ug/l  
RT: 8.677 min Scan# 1126  
Delta R.T. 0.000 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49



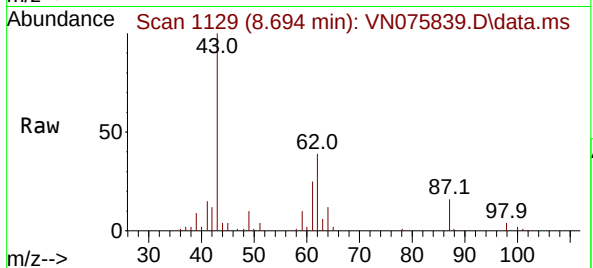
Tgt Ion: 62 Resp: 79601  
Ion Ratio Lower Upper  
62 100  
98 10.8 0.0 20.8





#43  
Isopropyl Acetate  
Concen: 21.162 ug/l  
RT: 8.694 min Scan# 1129  
Delta R.T. 0.000 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49

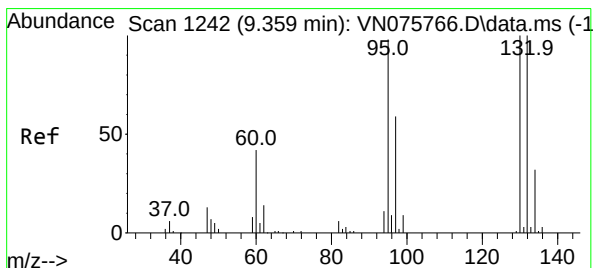
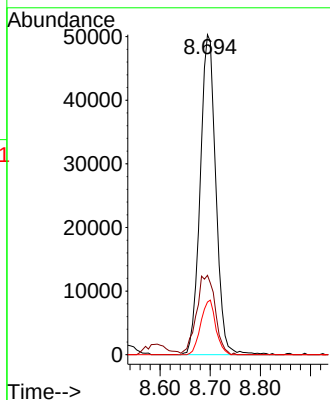
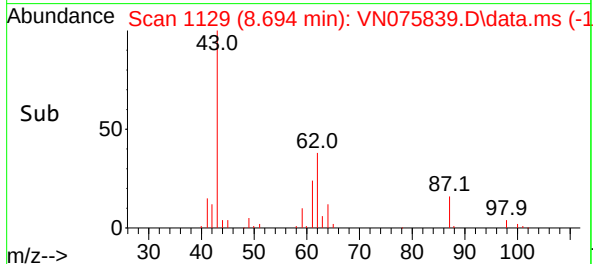
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01



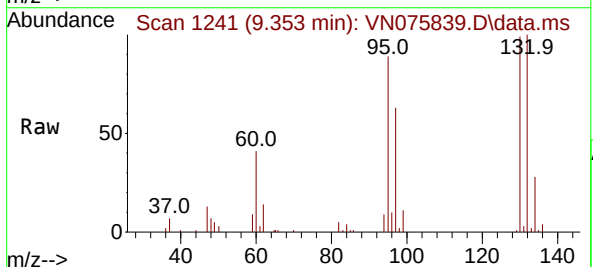
Tgt Ion: 43 Resp: 109049  
Ion Ratio Lower Upper  
43 100  
61 29.7 24.2 36.4  
87 16.3 13.3 19.9

Manual Integrations  
APPROVED

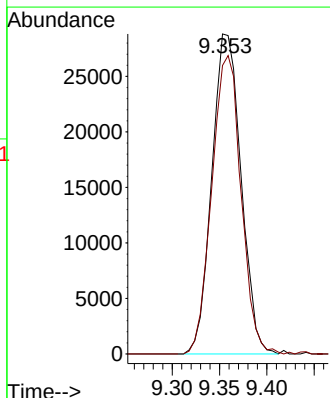
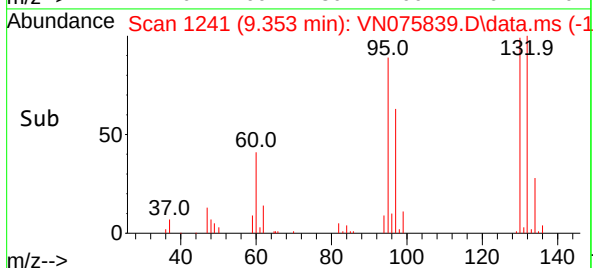
Reviewed By :John Carlone 12/19/2022  
Supervised By :Mahesh Dadoda 12/19/2022

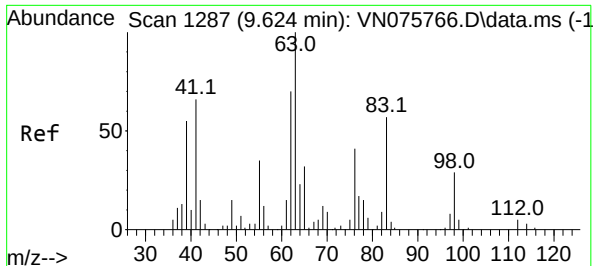


#44  
Trichloroethene  
Concen: 18.308 ug/l  
RT: 9.353 min Scan# 1241  
Delta R.T. -0.006 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49



Tgt Ion:130 Resp: 61887  
Ion Ratio Lower Upper  
130 100  
95 90.1 0.0 195.4





#45

1,2-Dichloropropane

Concen: 19.106 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN075839.D

Acq: 16 Dec 2022 11:49

Instrument :

MSVOA\_N

ClientSampleId :

VN1216WBSD01

Tgt Ion: 63 Resp: 55789

Ion Ratio Lower Upper

63 100

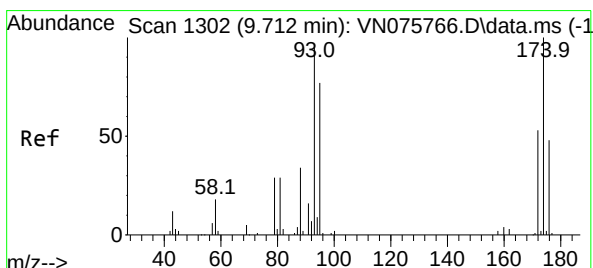
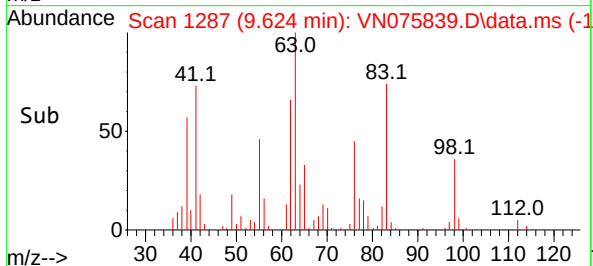
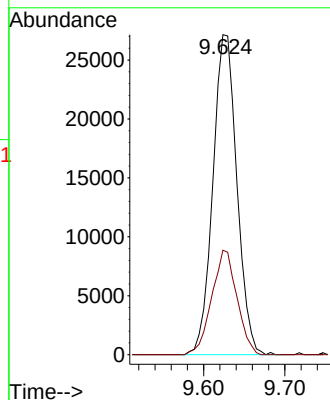
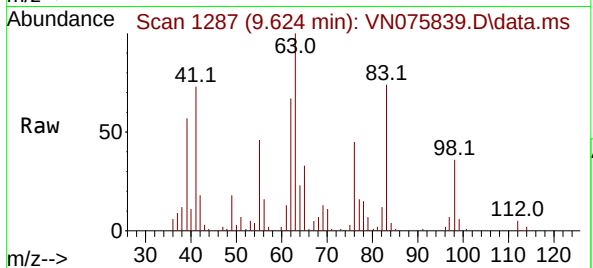
65 32.6 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#46

Dibromomethane

Concen: 19.807 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN075839.D

Acq: 16 Dec 2022 11:49

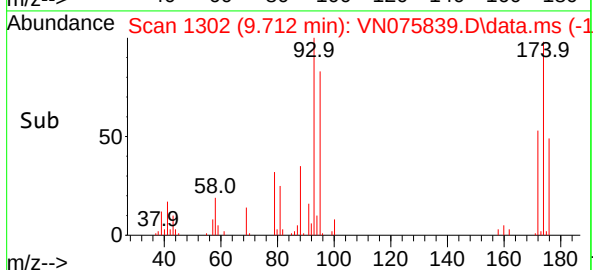
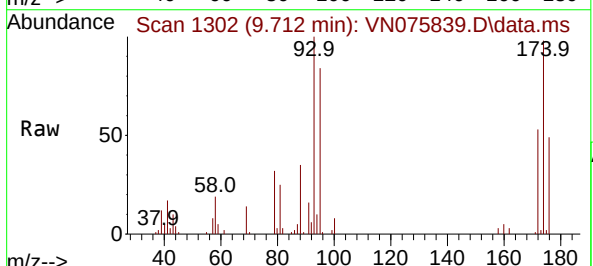
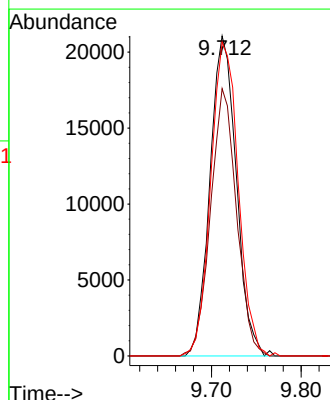
Tgt Ion: 93 Resp: 42897

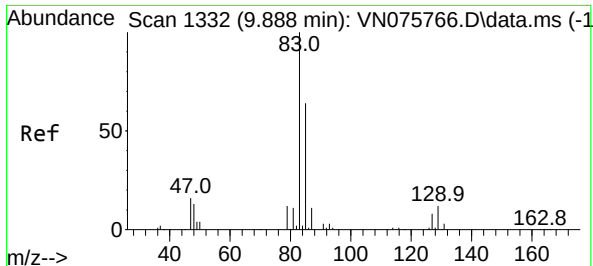
Ion Ratio Lower Upper

93 100

95 82.6 65.2 97.8

174 102.4 82.4 123.6





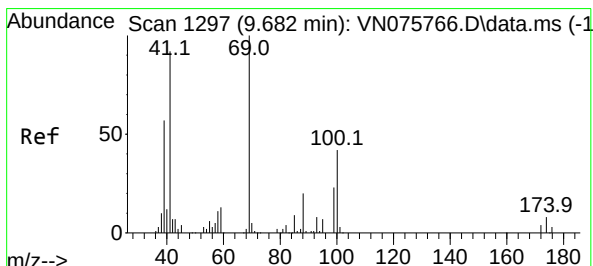
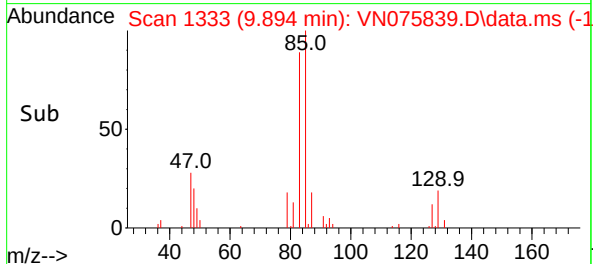
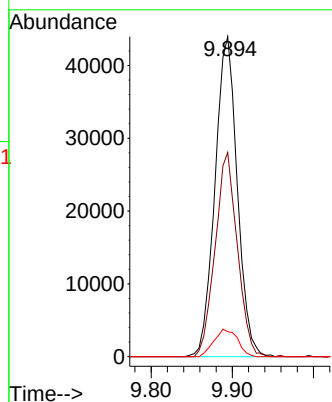
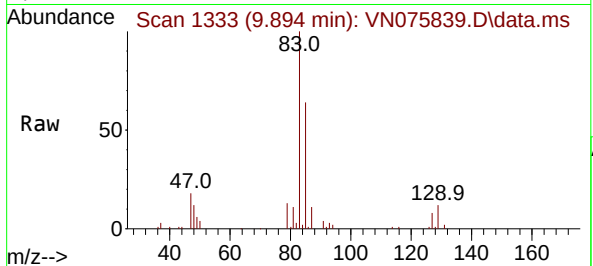
#47  
Bromodichloromethane  
Concen: 19.752 ug/l  
RT: 9.894 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01

Tgt Ion: 83 Resp: 8388  
Ion Ratio Lower Upper  
83 100  
85 63.8 51.5 77.3  
127 7.8 6.6 10.0

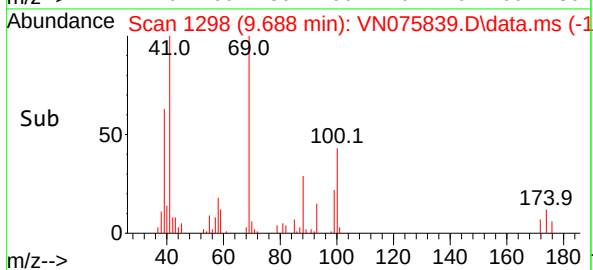
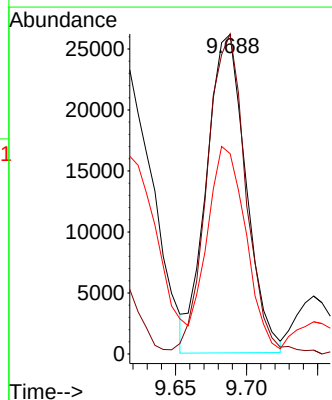
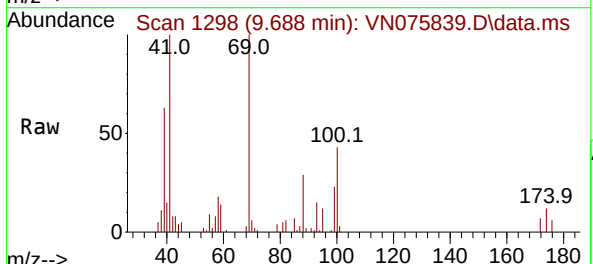
Manual Integrations  
APPROVED

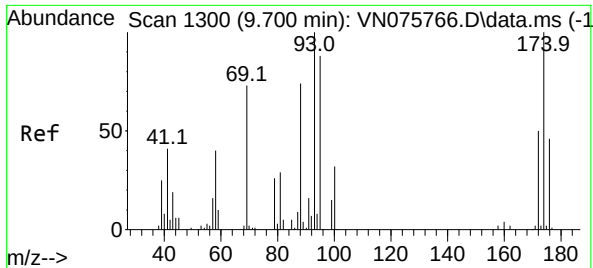
Reviewed By :John Carlone 12/19/2022  
Supervised By :Mahesh Dadoda 12/19/2022



#48  
Methyl methacrylate  
Concen: 21.717 ug/l  
RT: 9.688 min Scan# 1298  
Delta R.T. 0.006 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49

Tgt Ion: 41 Resp: 50402  
Ion Ratio Lower Upper  
41 100  
69 99.1 81.9 122.9  
39 64.3 51.6 77.4





#49

1,4-Dioxane

Concen: 410.252 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN075839.D

Acq: 16 Dec 2022 11:49

Instrument :

MSVOA\_N

ClientSampleId :

VN1216WBSD01

Tgt Ion: 88 Resp: 23408

Ion Ratio Lower Upper

88 100

43 0.0 17.1 25.7

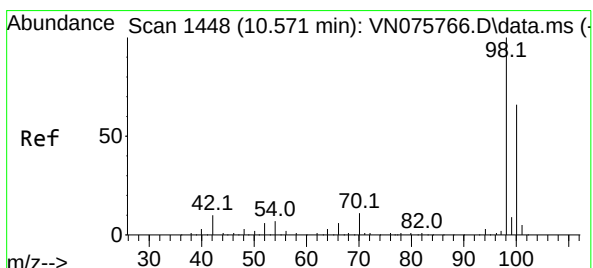
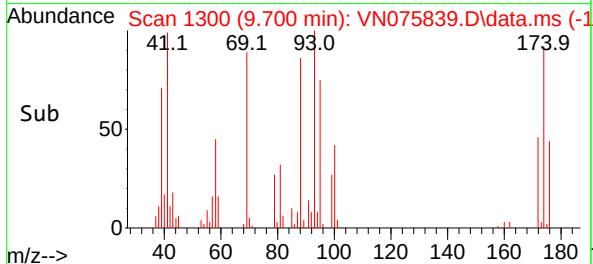
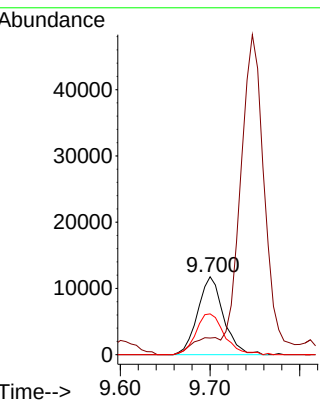
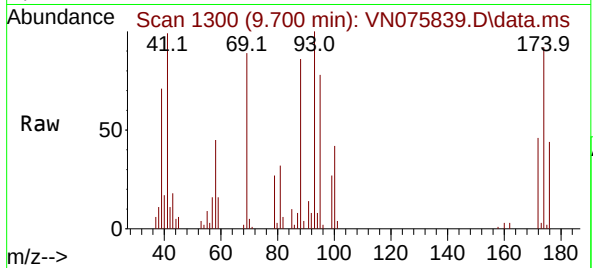
58 58.3 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#50

Toluene-d8

Concen: 51.858 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN075839.D

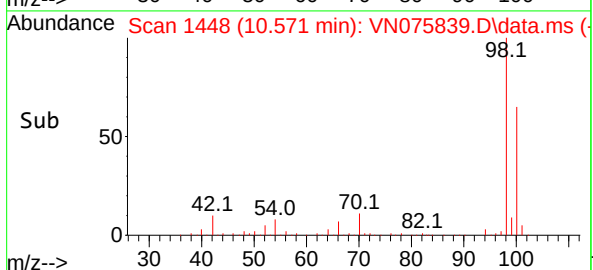
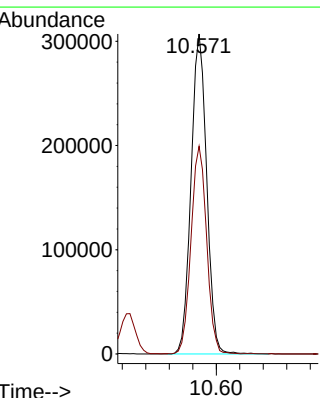
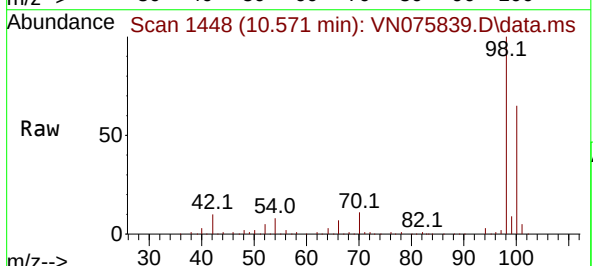
Acq: 16 Dec 2022 11:49

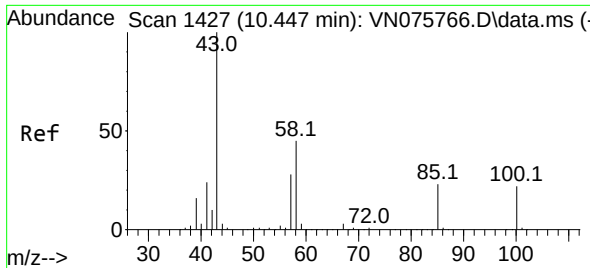
Tgt Ion: 98 Resp: 567638

Ion Ratio Lower Upper

98 100

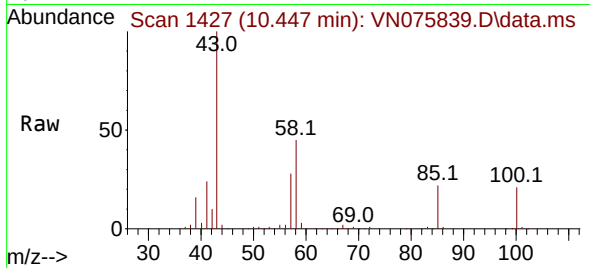
100 64.7 52.1 78.1





#51  
4-Methyl-2-Pentanone  
Concen: 107.474 ug/l  
RT: 10.447 min Scan# 1427  
Delta R.T. 0.000 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49

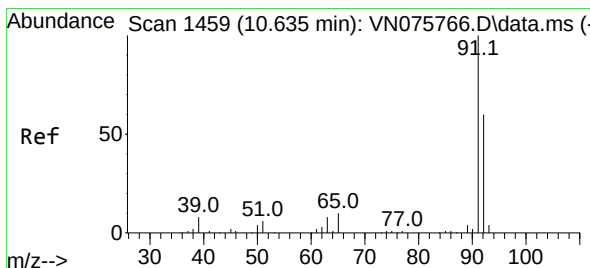
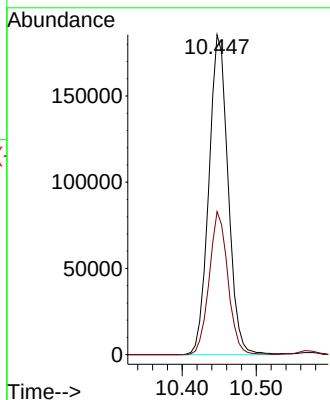
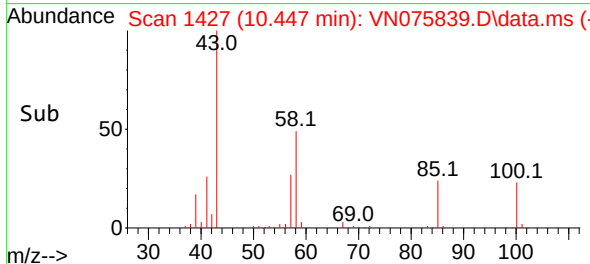
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01



Tgt Ion: 43 Resp: 334925  
Ion Ratio Lower Upper  
43 100  
58 43.5 35.5 53.3

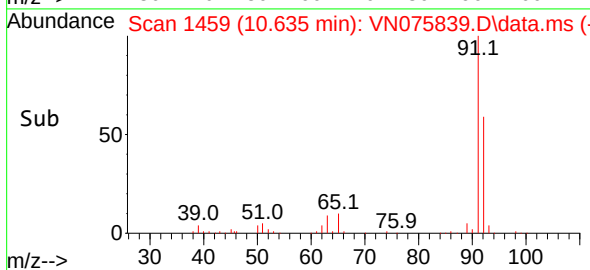
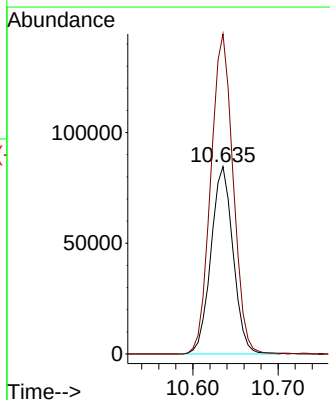
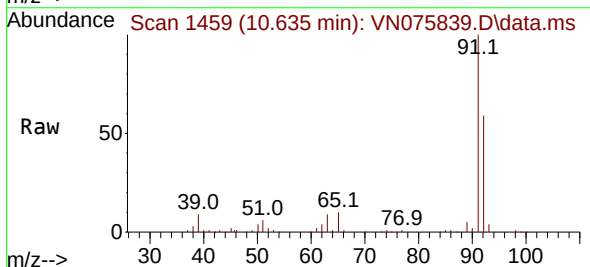
Manual Integrations  
APPROVED

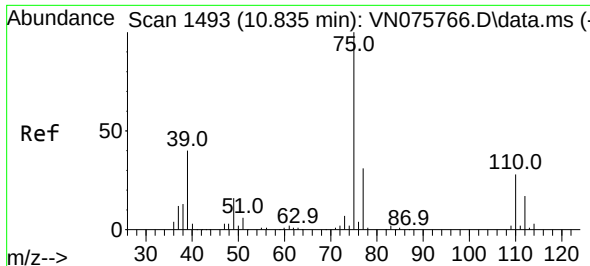
Reviewed By :John Carlone 12/19/2022  
Supervised By :Mahesh Dadoda 12/19/2022



#52  
Toluene  
Concen: 19.507 ug/l  
RT: 10.635 min Scan# 1459  
Delta R.T. 0.000 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49

Tgt Ion: 92 Resp: 152439  
Ion Ratio Lower Upper  
92 100  
91 173.1 137.3 205.9





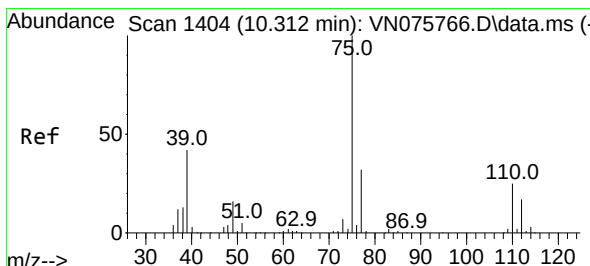
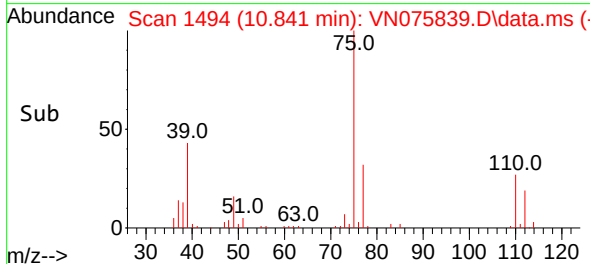
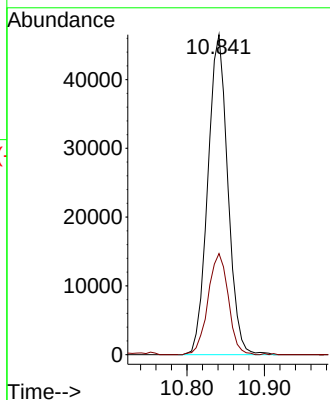
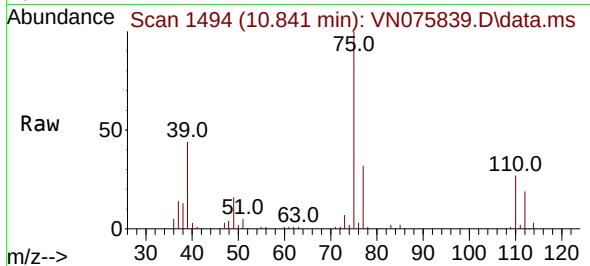
#53  
 t-1,3-Dichloropropene  
 Concen: 20.026 ug/l  
 RT: 10.841 min Scan# 1494  
 Delta R.T. 0.006 min  
 Lab File: VN075839.D  
 Acq: 16 Dec 2022 11:49

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1216WBSD01

Tgt Ion: 75 Resp: 83250  
 Ion Ratio Lower Upper  
 75 100  
 77 31.6 24.9 37.3

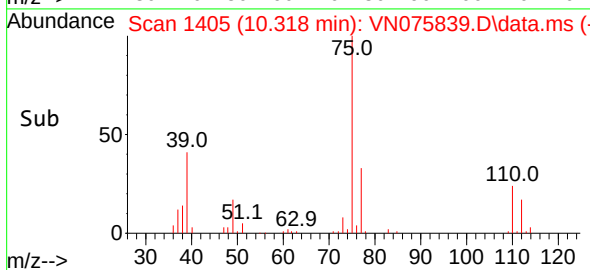
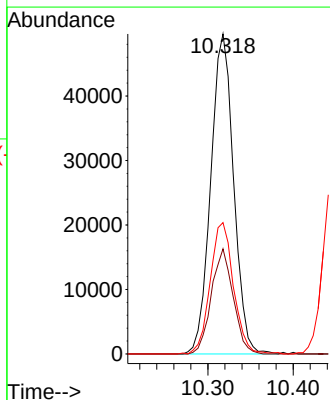
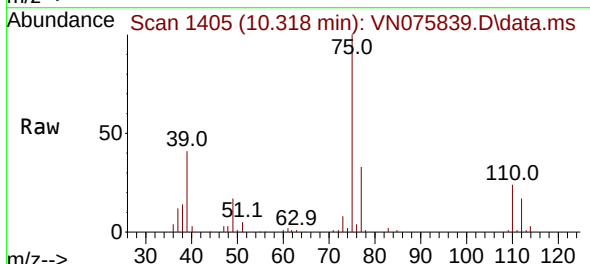
Manual Integrations  
 APPROVED

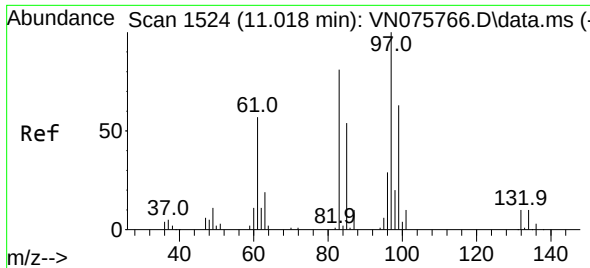
Reviewed By :John Carlone 12/19/2022  
 Supervised By :Mahesh Dadoda 12/19/2022



#54  
 cis-1,3-Dichloropropene  
 Concen: 20.268 ug/l  
 RT: 10.318 min Scan# 1405  
 Delta R.T. 0.006 min  
 Lab File: VN075839.D  
 Acq: 16 Dec 2022 11:49

Tgt Ion: 75 Resp: 92513  
 Ion Ratio Lower Upper  
 75 100  
 77 32.8 25.8 38.8  
 39 41.0 33.4 50.2





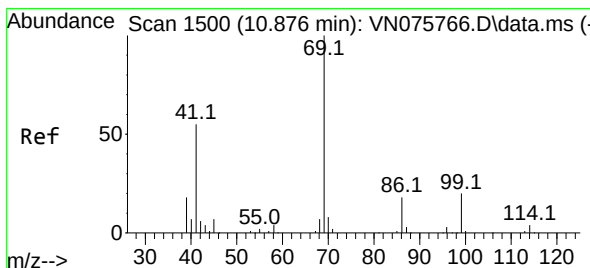
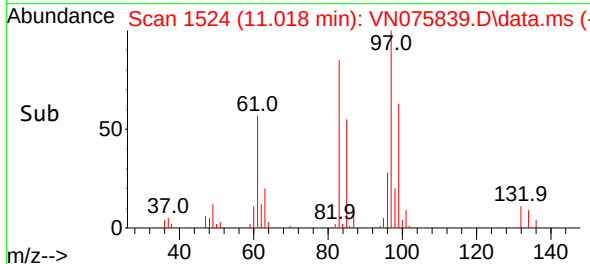
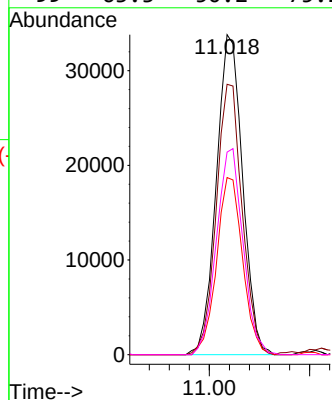
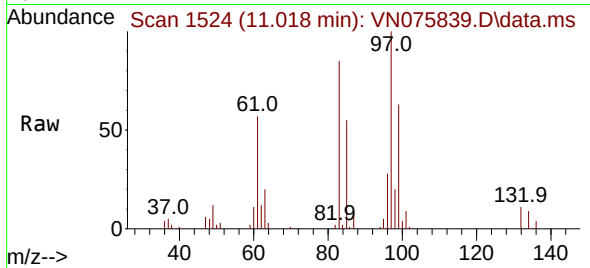
#55  
1,1,2-Trichloroethane  
Concen: 20.020 ug/l  
RT: 11.018 min Scan# 1524  
Delta R.T. 0.000 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 84.5  | 65.0  | 97.4  |
| 85      | 55.4  | 43.0  | 64.6  |
| 99      | 63.3  | 50.2  | 75.2  |

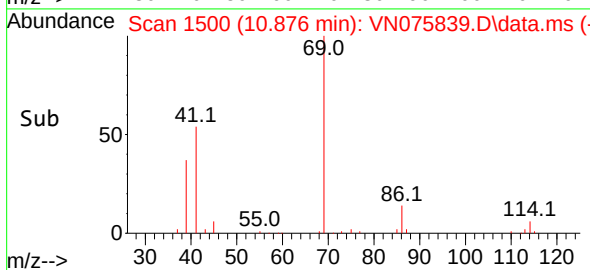
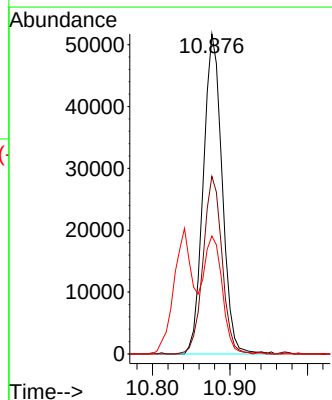
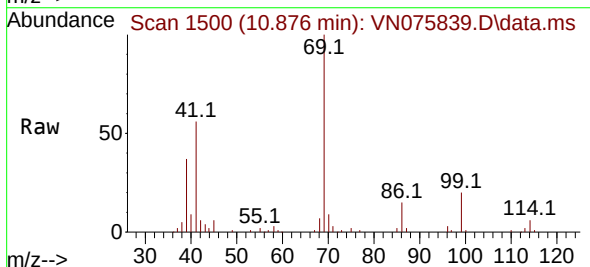
Manual Integrations  
APPROVED

Reviewed By :John Carlone 12/19/2022  
Supervised By :Mahesh Dadoda 12/19/2022

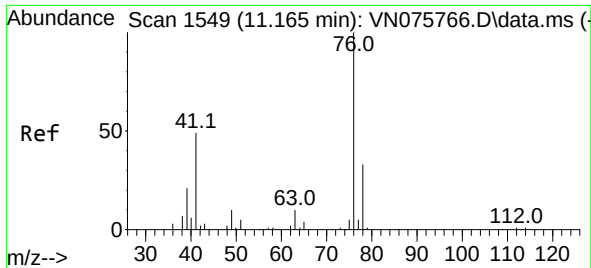


#56  
Ethyl methacrylate  
Concen: 21.403 ug/l  
RT: 10.876 min Scan# 1500  
Delta R.T. 0.000 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 100   |       |       |
| 41      | 55.7  | 44.2  | 66.4  |
| 39      | 36.1  | 26.4  | 39.6  |







#57

1,3-Dichloropropane

Concen: 20.115 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075839.D

Acq: 16 Dec 2022 11:49

Instrument :

MSVOA\_N

ClientSampleId :

VN1216WBSD01

Tgt Ion: 76 Resp: 101200

Ion Ratio Lower Upper

76 100

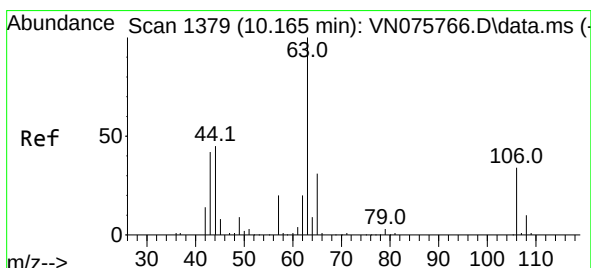
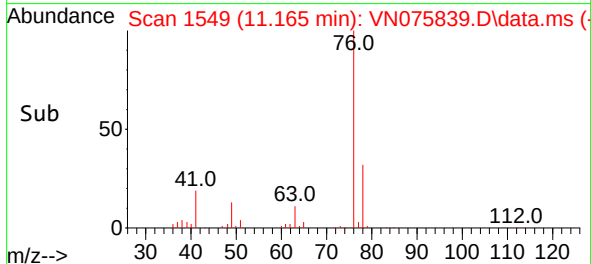
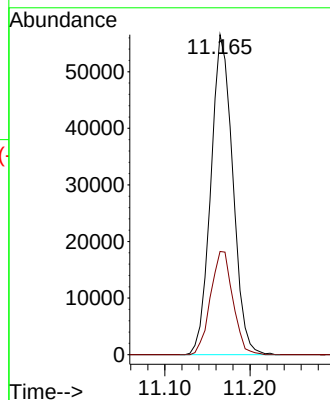
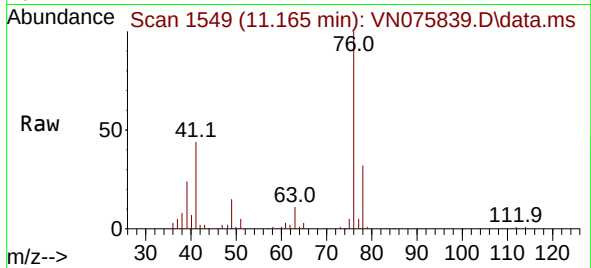
78 32.8 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#58

2-Chloroethyl Vinyl ether

Concen: 120.927 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VN075839.D

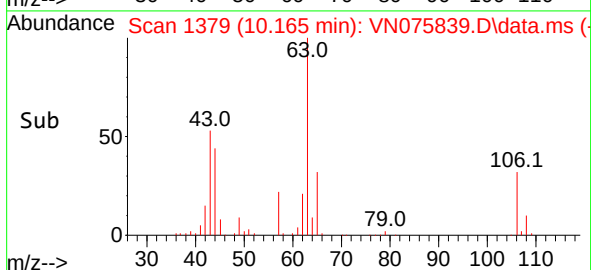
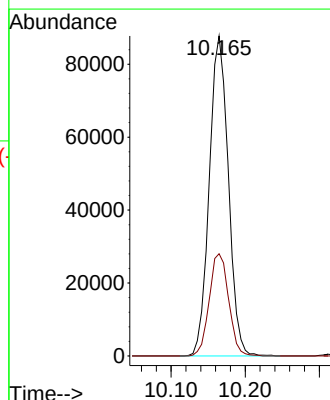
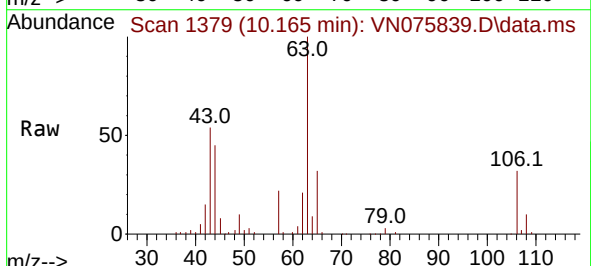
Acq: 16 Dec 2022 11:49

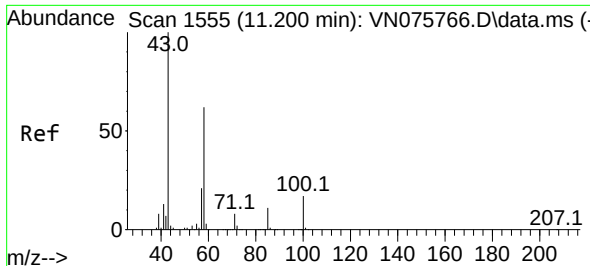
Tgt Ion: 63 Resp: 156861

Ion Ratio Lower Upper

63 100

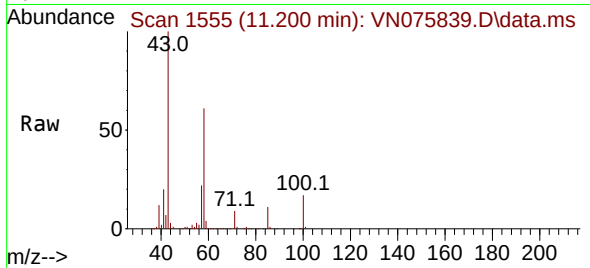
106 32.5 26.4 39.6





#59  
2-Hexanone  
Concen: 107.514 ug/l  
RT: 11.200 min Scan# 1555  
Delta R.T. 0.000 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49

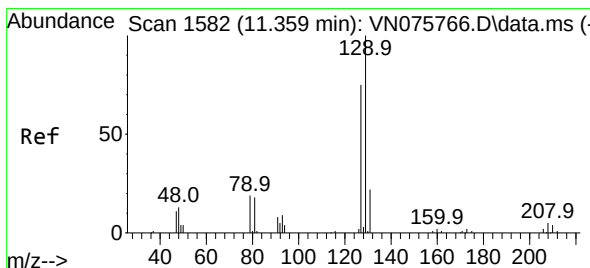
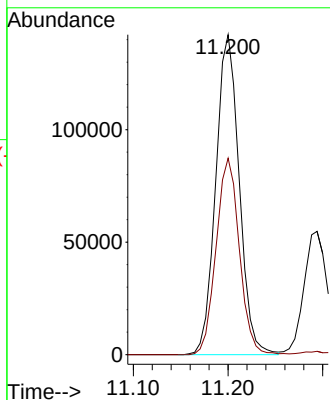
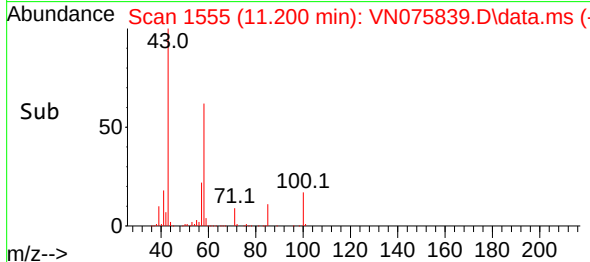
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01



Tgt Ion: 43 Resp: 24434  
Ion Ratio Lower Upper  
43 100  
58 60.9 30.6 92.0

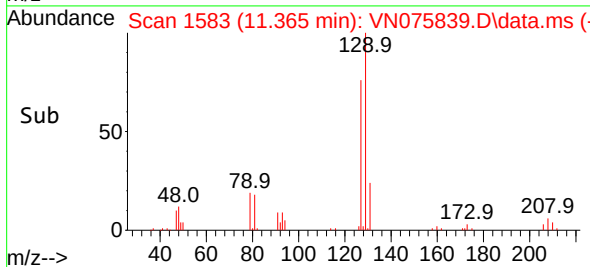
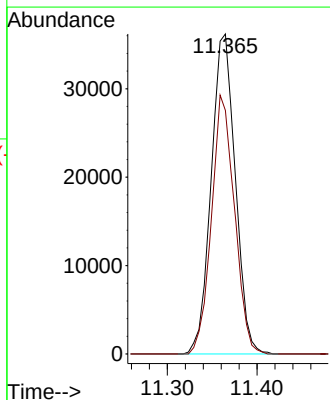
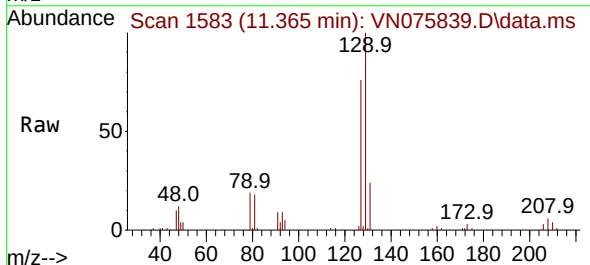
Manual Integrations  
APPROVED

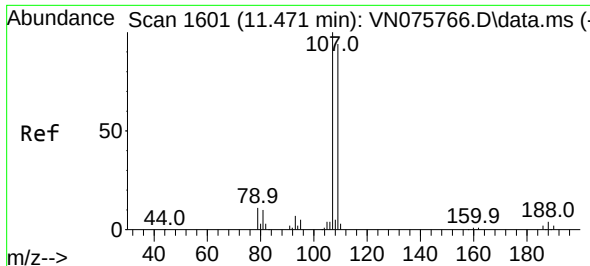
Reviewed By :John Carlone 12/19/2022  
Supervised By :Mahesh Dadoda 12/19/2022



#60  
Dibromochloromethane  
Concen: 19.786 ug/l  
RT: 11.365 min Scan# 1583  
Delta R.T. 0.006 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49

Tgt Ion:129 Resp: 67494  
Ion Ratio Lower Upper  
129 100  
127 77.3 38.3 114.9





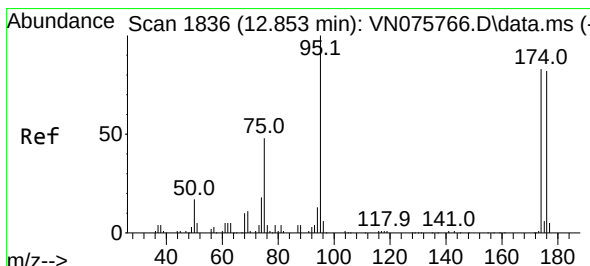
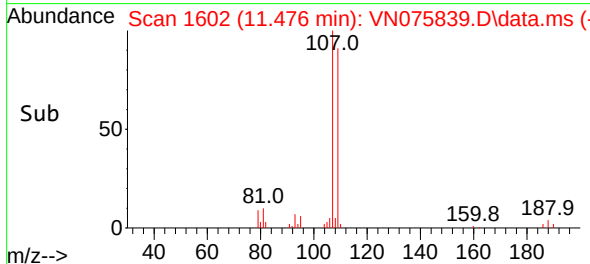
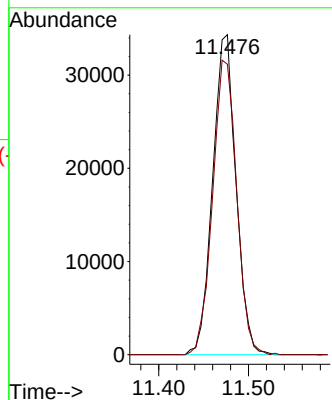
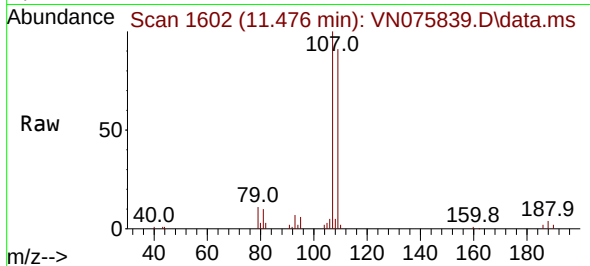
#61  
1,2-Dibromoethane  
Concen: 19.915 ug/l  
RT: 11.476 min Scan# 1601  
Delta R.T. 0.006 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01

Tgt Ion:107 Resp: 6181  
Ion Ratio Lower Upper  
107 100  
109 95.3 74.8 112.2

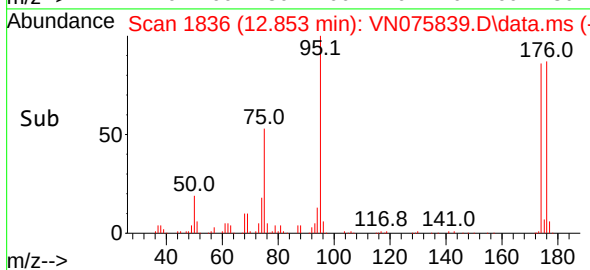
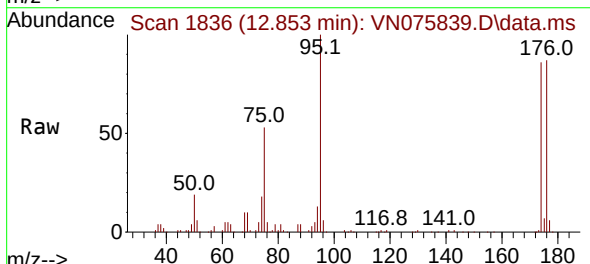
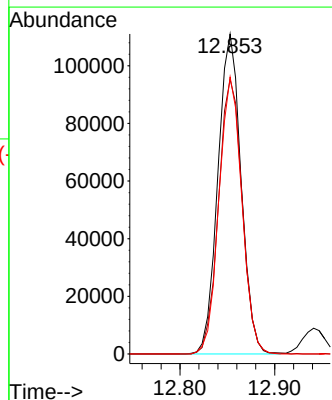
Manual Integrations  
APPROVED

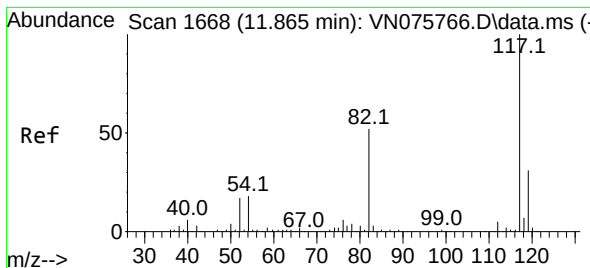
Reviewed By :John Carlone 12/19/2022  
Supervised By :Mahesh Dadoda 12/19/2022



#62  
4-Bromofluorobenzene  
Concen: 52.122 ug/l  
RT: 12.853 min Scan# 1836  
Delta R.T. 0.000 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49

Tgt Ion: 95 Resp: 188964  
Ion Ratio Lower Upper  
95 100  
174 87.2 0.0 171.6  
176 85.4 0.0 169.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN075839.D

Acq: 16 Dec 2022 11:49

Instrument :

MSVOA\_N

ClientSampleId :

VN1216WBSD01

Tgt Ion:117 Resp: 42744

Ion Ratio Lower Upper

117 100

82 52.5 41.3 61.9

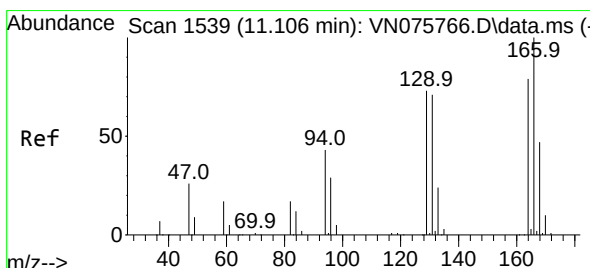
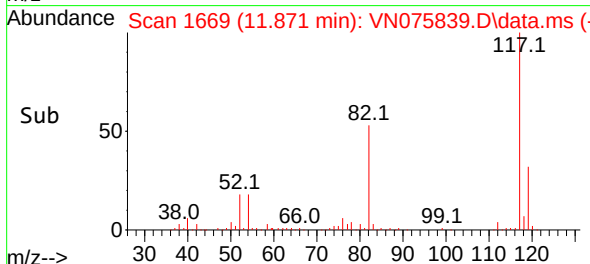
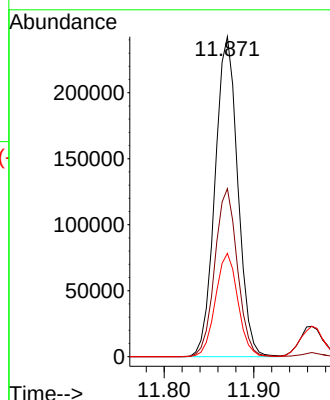
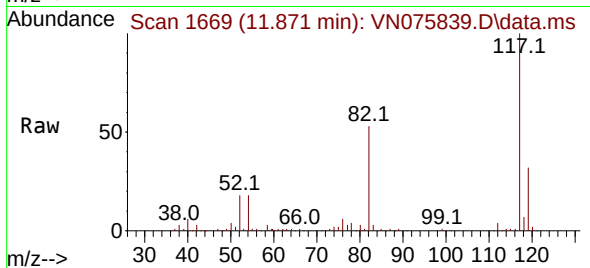
119 32.3 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#64

Tetrachloroethene

Concen: 18.817 ug/l

RT: 11.106 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN075839.D

Acq: 16 Dec 2022 11:49

Tgt Ion:164 Resp: 56597

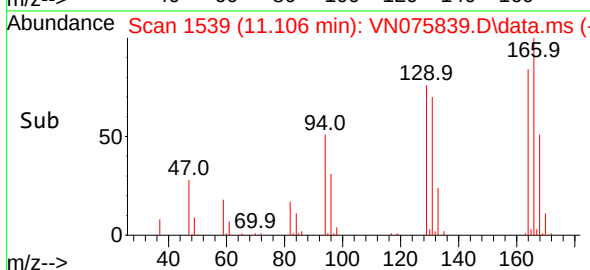
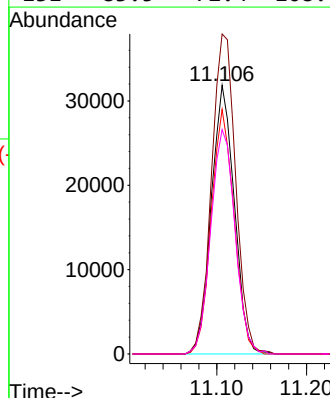
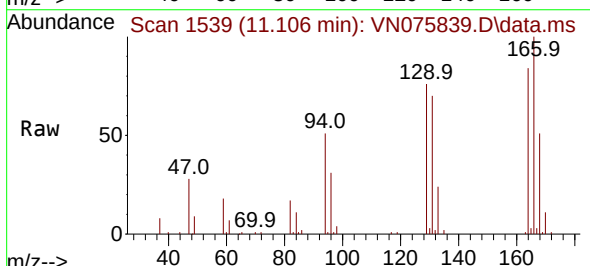
Ion Ratio Lower Upper

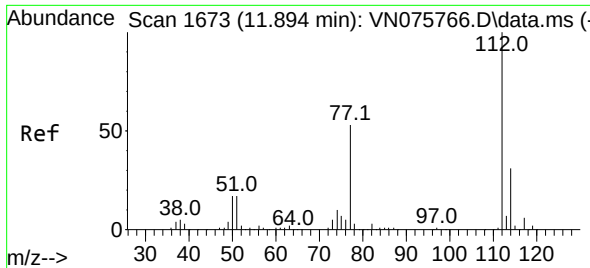
164 100

166 119.1 101.9 152.9

129 91.0 74.2 111.2

131 83.5 72.4 108.6





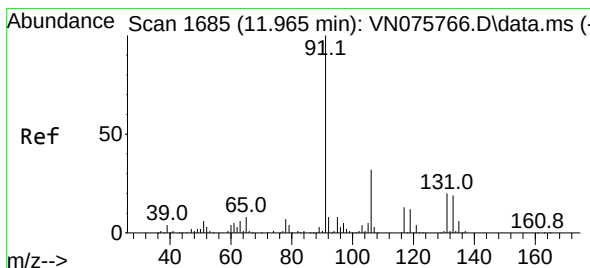
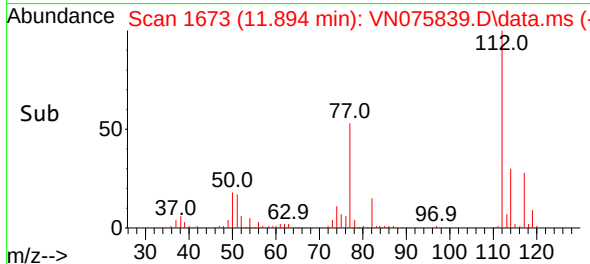
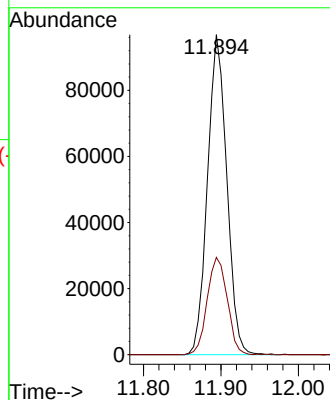
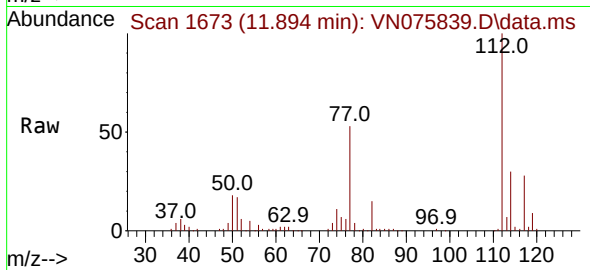
#65  
Chlorobenzene  
Concen: 19.040 ug/l  
RT: 11.894 min Scan# 1673  
Delta R.T. 0.000 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01

Tgt Ion:112 Resp: 167040  
Ion Ratio Lower Upper  
112 100  
114 30.4 24.7 37.1

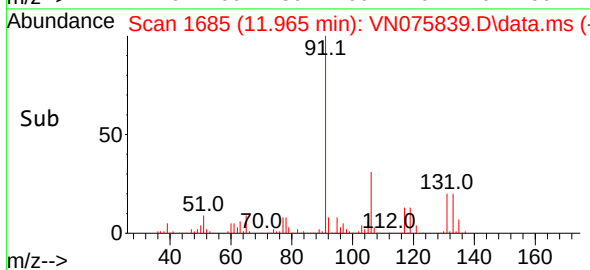
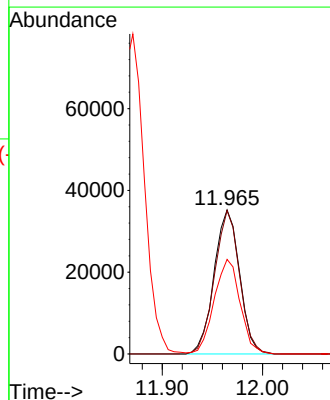
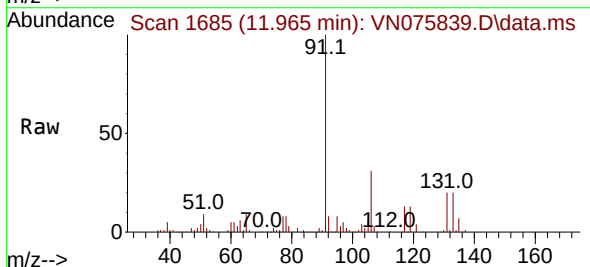
Manual Integrations  
APPROVED

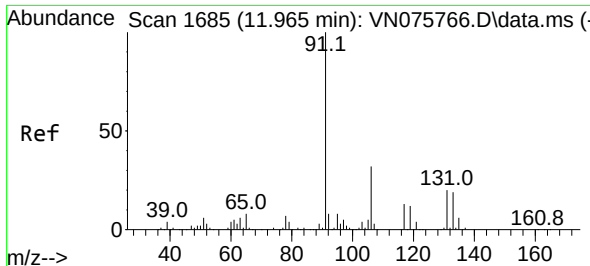
Reviewed By :John Carlone 12/19/2022  
Supervised By :Mahesh Dadoda 12/19/2022



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.153 ug/l  
RT: 11.965 min Scan# 1685  
Delta R.T. 0.000 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49

Tgt Ion:131 Resp: 62239  
Ion Ratio Lower Upper  
131 100  
133 97.6 47.5 142.5  
119 66.8 31.9 95.7





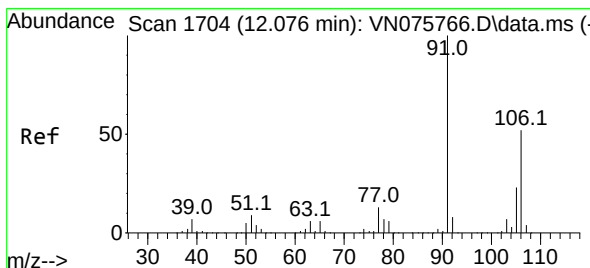
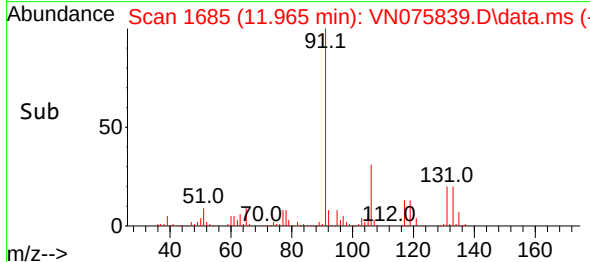
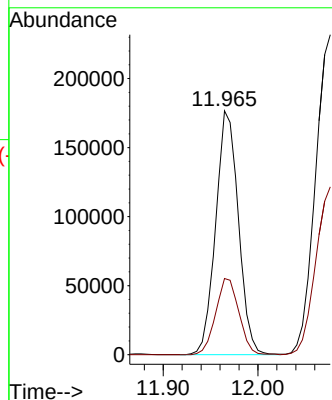
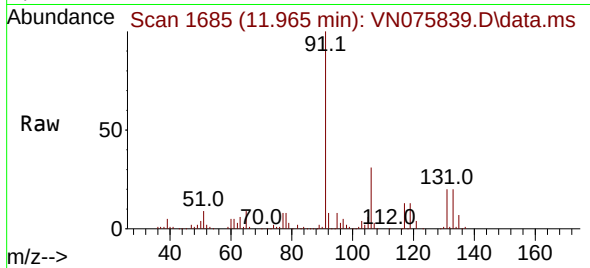
#67  
Ethyl Benzene  
Concen: 19.898 ug/l  
RT: 11.965 min Scan# 1104  
Delta R.T. 0.000 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01

Tgt Ion: 91 Resp: 29463  
Ion Ratio Lower Upper  
91 100  
106 31.2 25.7 38.5

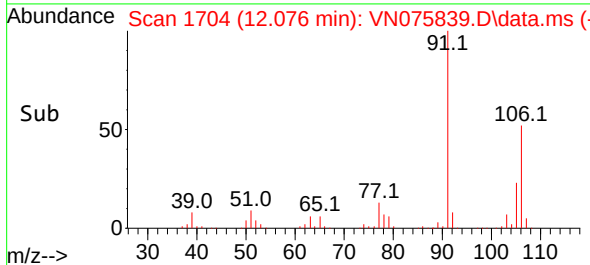
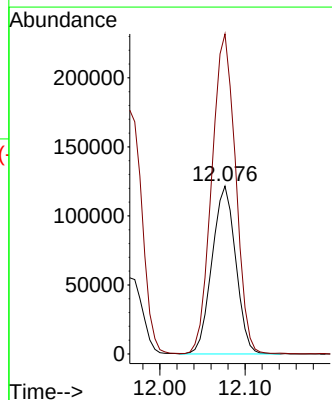
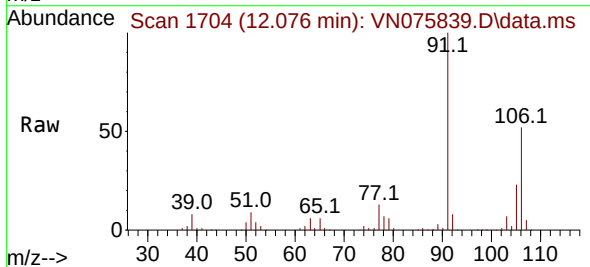
Manual Integrations  
APPROVED

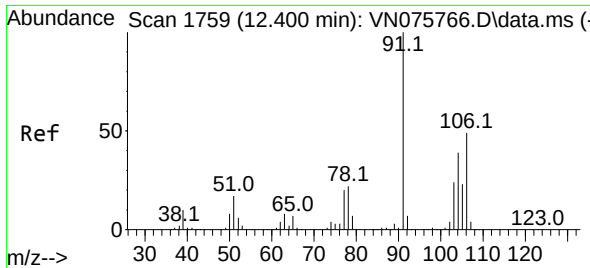
Reviewed By :John Carlone 12/19/2022  
Supervised By :Mahesh Dadoda 12/19/2022



#68  
m/p-Xylenes  
Concen: 40.081 ug/l  
RT: 12.076 min Scan# 1704  
Delta R.T. 0.000 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49

Tgt Ion:106 Resp: 234900  
Ion Ratio Lower Upper  
106 100  
91 191.1 156.6 235.0





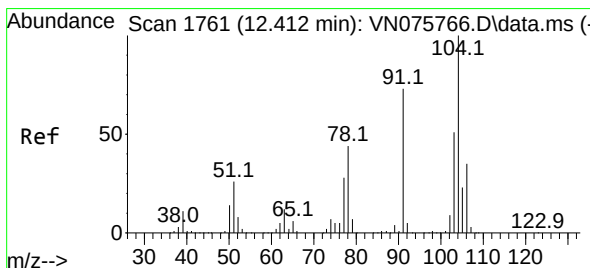
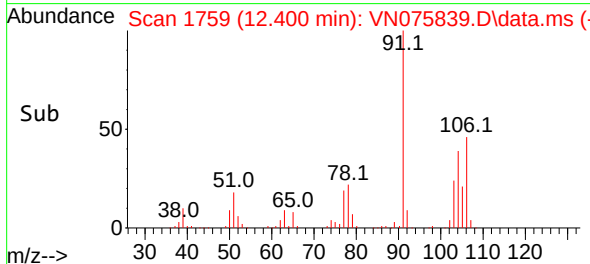
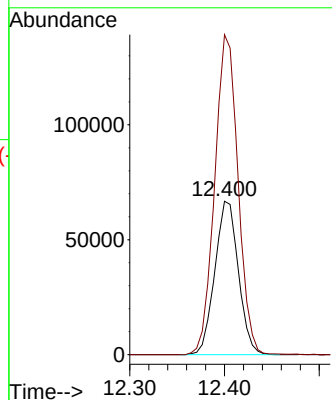
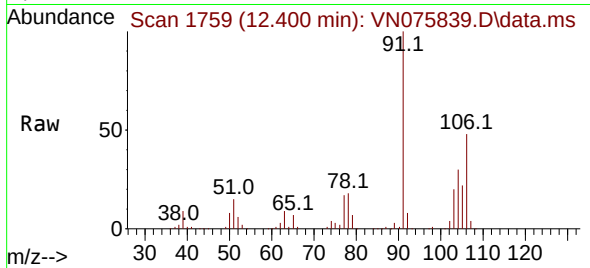
#69  
o-Xylene  
Concen: 19.892 ug/l  
RT: 12.400 min Scan# 1759  
Delta R.T. 0.000 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01

Tgt Ion:106 Resp: 115369  
Ion Ratio Lower Upper  
106 100  
91 206.9 103.8 311.6

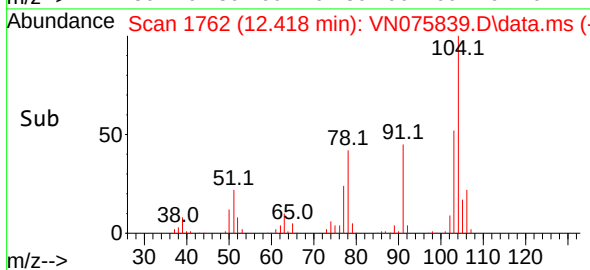
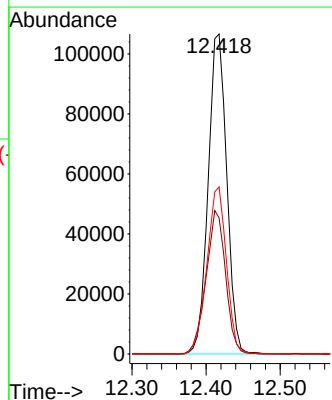
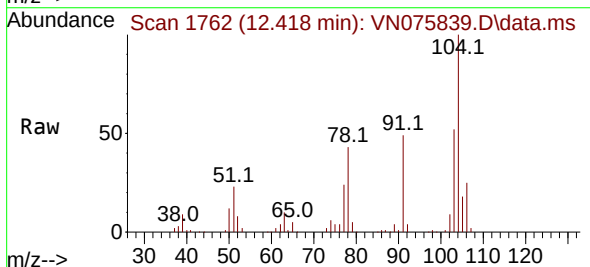
Manual Integrations  
APPROVED

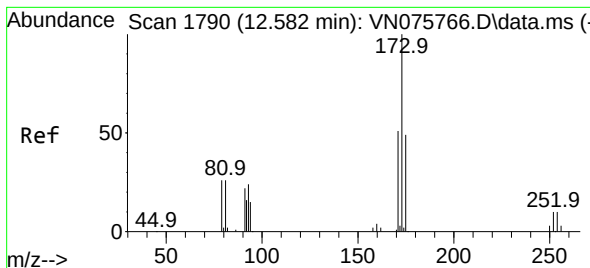
Reviewed By :John Carlone 12/19/2022  
Supervised By :Mahesh Dadoda 12/19/2022



#70  
Styrene  
Concen: 20.128 ug/l  
RT: 12.418 min Scan# 1762  
Delta R.T. 0.006 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49

Tgt Ion:104 Resp: 185613  
Ion Ratio Lower Upper  
104 100  
78 47.1 37.5 56.3  
103 54.9 43.5 65.3





#71

Bromoform

Concen: 20.374 ug/l

RT: 12.582 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VN075839.D

Acq: 16 Dec 2022 11:49

Instrument :

MSVOA\_N

ClientSampleId :

VN1216WBSD01

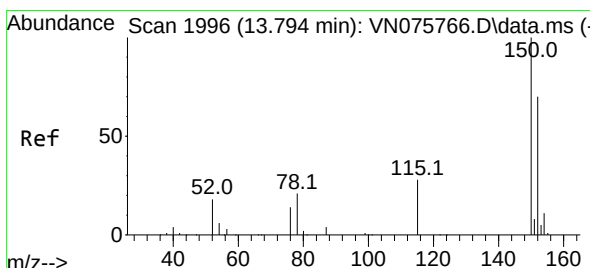
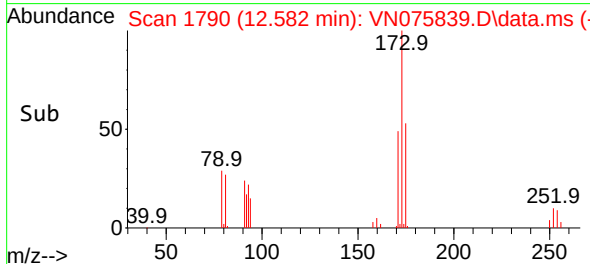
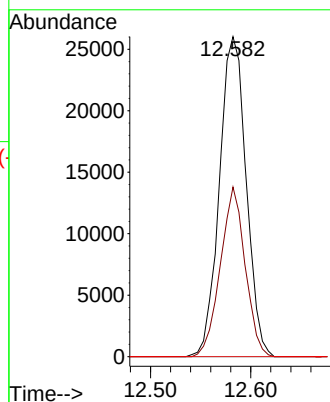
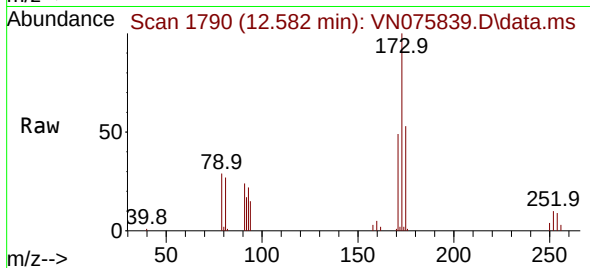
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 173   | Resp: | 4817 |
| Ion Ratio | Lower | Upper |      |
| 173       | 100   |       |      |
| 175       | 49.2  | 24.3  | 72.8 |
| 254       | 0.0   | 0.0   | 0.0  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

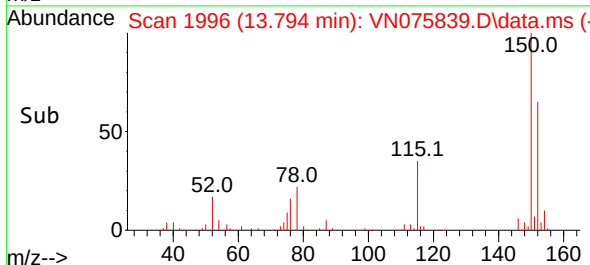
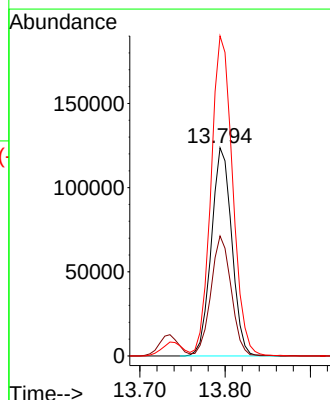
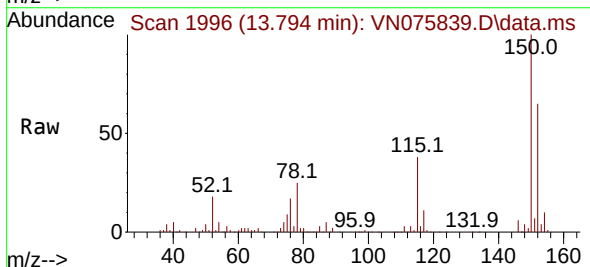
RT: 13.794 min Scan# 1996

Delta R.T. 0.000 min

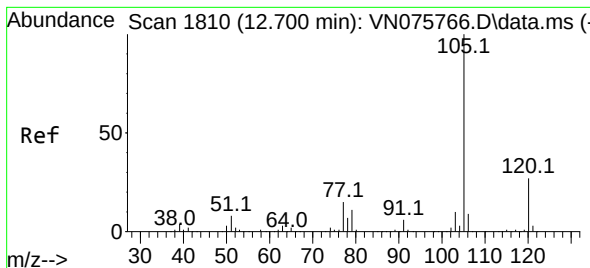
Lab File: VN075839.D

Acq: 16 Dec 2022 11:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 206576 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 56.7  | 29.1  | 87.4   |
| 150       | 162.4 | 0.0   | 347.0  |







#73

Isopropylbenzene

Concen: 20.001 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN075839.D

Acq: 16 Dec 2022 11:49

Instrument :

MSVOA\_N

ClientSampleId :

VN1216WBSD01

Tgt Ion:105 Resp: 298578

Ion Ratio Lower Upper

105 100

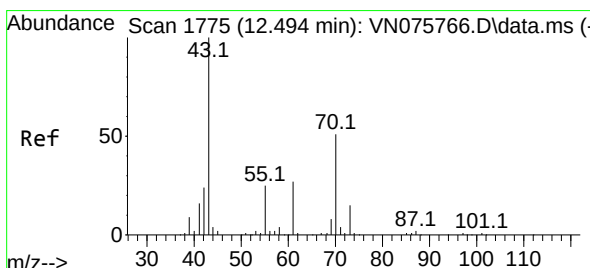
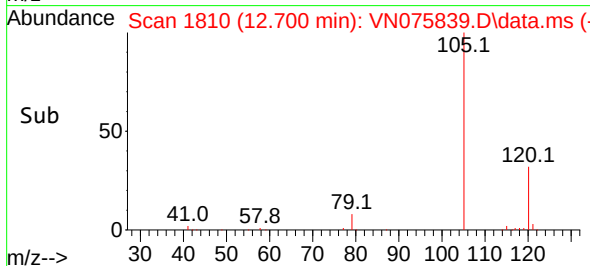
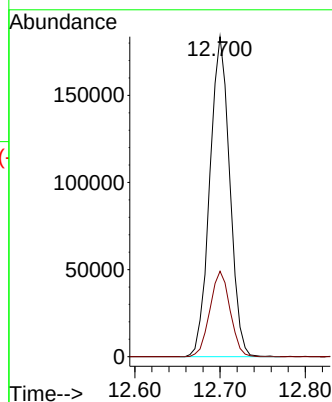
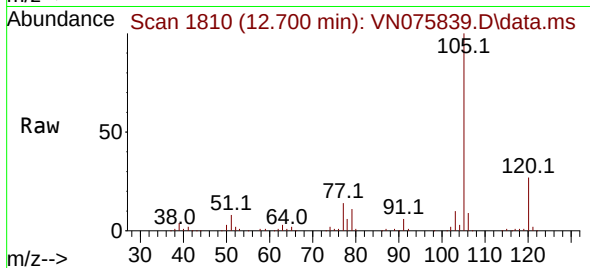
120 26.9 13.4 40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#74

N-ethyl acetate

Concen: 20.865 ug/l

RT: 12.500 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VN075839.D

Acq: 16 Dec 2022 11:49

Tgt Ion: 43 Resp: 91374

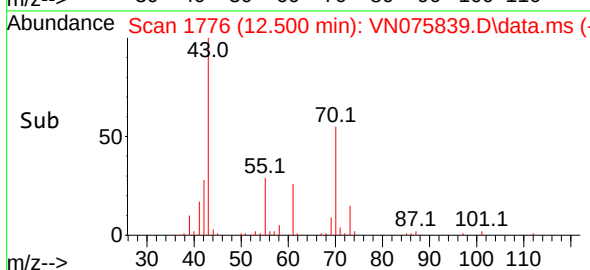
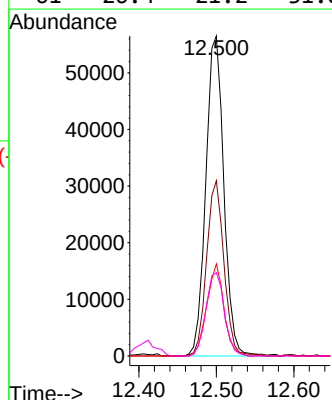
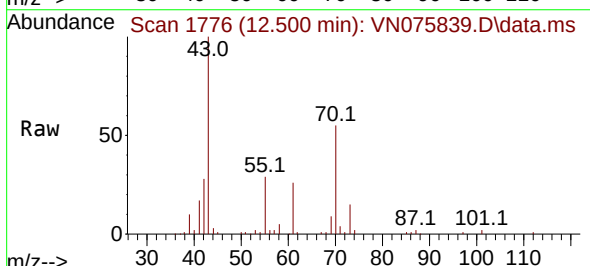
Ion Ratio Lower Upper

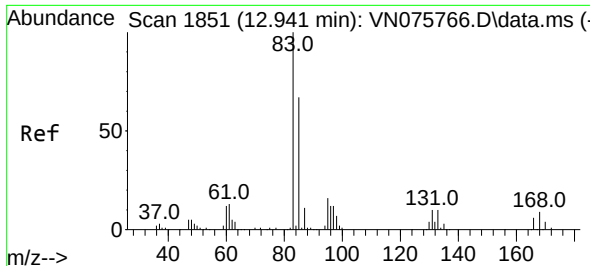
43 100

70 52.6 41.4 62.0

55 27.3 21.3 31.9

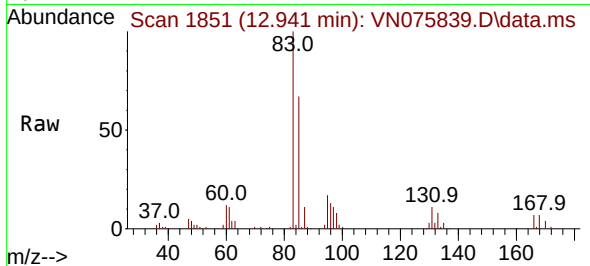
61 26.4 21.2 31.8





#75  
1,1,2,2-Tetrachloroethane  
Concen: 19.367 ug/l  
RT: 12.941 min Scan# 1851  
Delta R.T. 0.000 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49

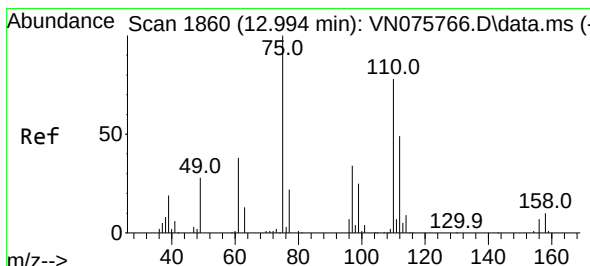
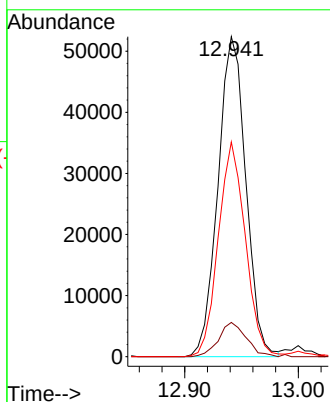
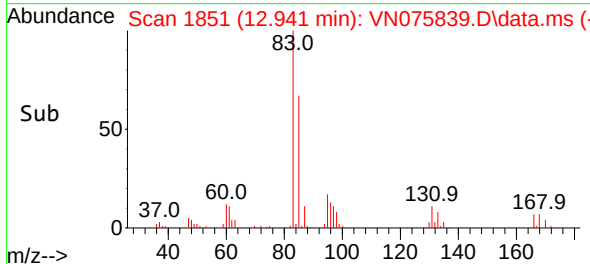
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01



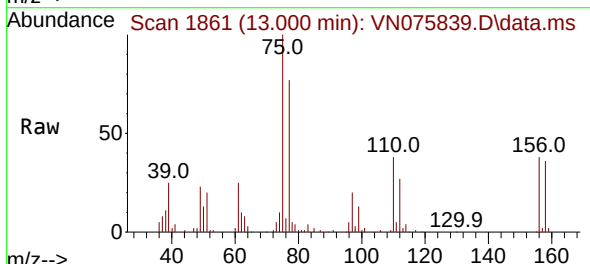
Tgt Ion: 83 Resp: 89374  
Ion Ratio Lower Upper  
83 100  
131 10.6 5.6 16.8  
85 65.2 32.6 98.0

Manual Integrations  
APPROVED

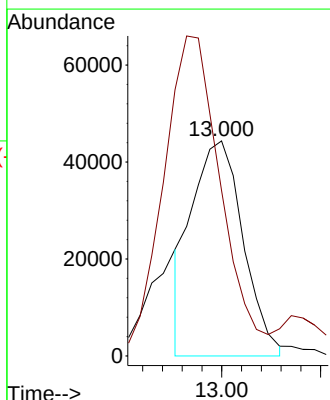
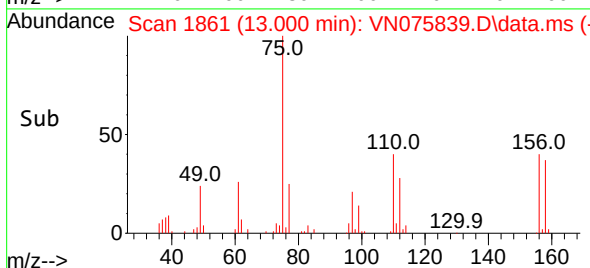
Reviewed By :John Carlone 12/19/2022  
Supervised By :Mahesh Dadoda 12/19/2022

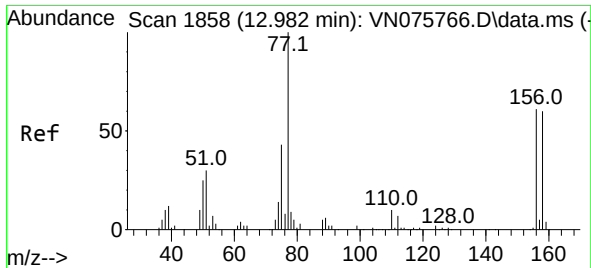


#76  
1,2,3-Trichloropropane  
Concen: 19.188 ug/l m  
RT: 13.000 min Scan# 1861  
Delta R.T. 0.006 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49



Tgt Ion: 75 Resp: 79902  
Ion Ratio Lower Upper  
75 100  
77 167.3 82.6 247.8





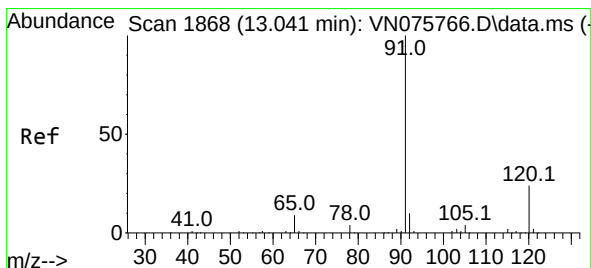
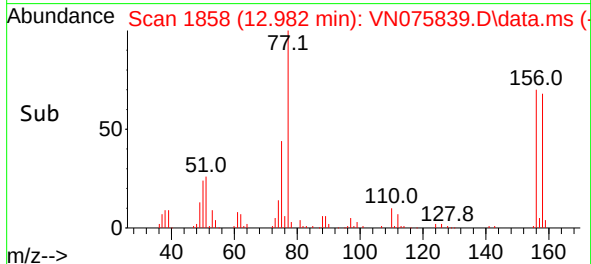
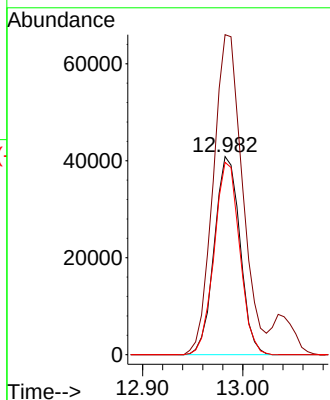
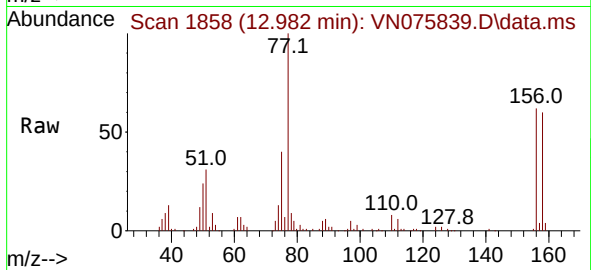
#77  
Bromobenzene  
Concen: 19.184 ug/l  
RT: 12.982 min Scan# 1858  
Delta R.T. 0.000 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01

Tgt Ion:156 Resp: 7247  
Ion Ratio Lower Upper  
156 100  
77 184.5 93.8 281.3  
158 96.5 48.9 146.6

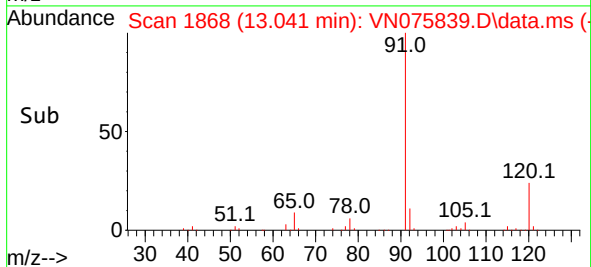
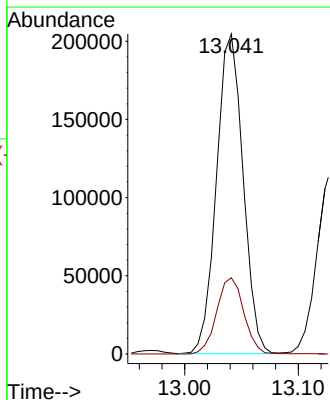
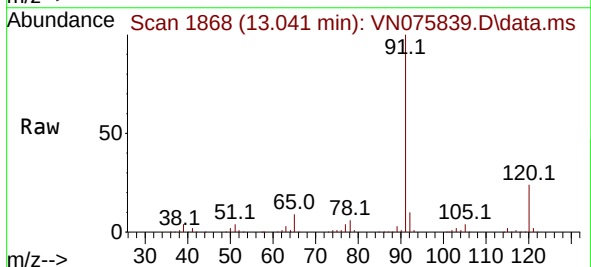
Manual Integrations  
APPROVED

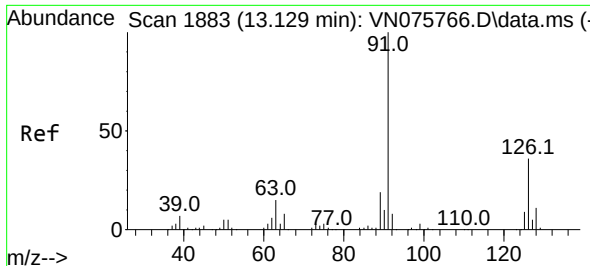
Reviewed By :John Carlone 12/19/2022  
Supervised By :Mahesh Dadoda 12/19/2022



#78  
n-propylbenzene  
Concen: 20.184 ug/l  
RT: 13.041 min Scan# 1868  
Delta R.T. 0.000 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49

Tgt Ion: 91 Resp: 332324  
Ion Ratio Lower Upper  
91 100  
120 24.3 12.0 36.1





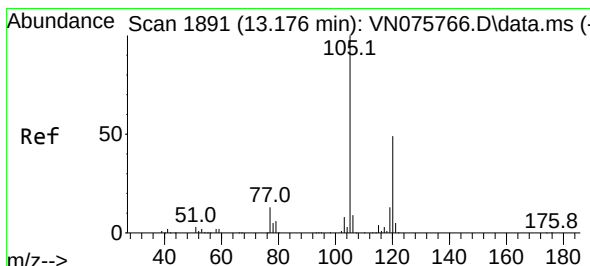
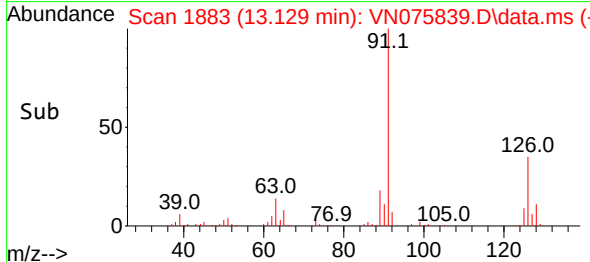
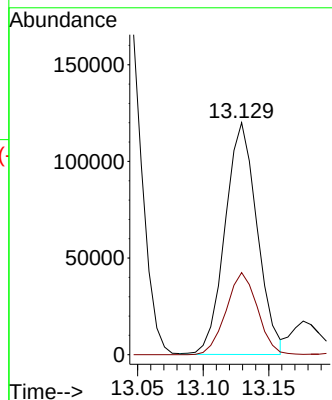
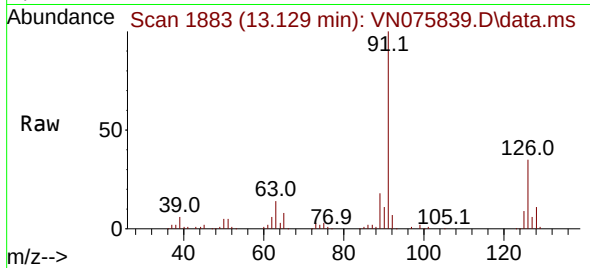
#79  
2-Chlorotoluene  
Concen: 19.850 ug/l  
RT: 13.129 min Scan# 1883  
Delta R.T. 0.000 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01

Tgt Ion: 91 Resp: 20401  
Ion Ratio Lower Upper  
91 100  
126 34.6 17.5 52.5

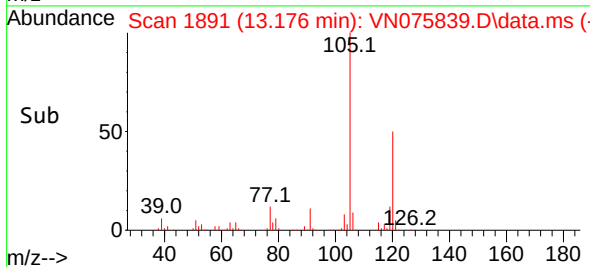
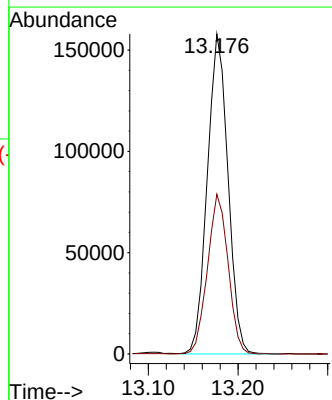
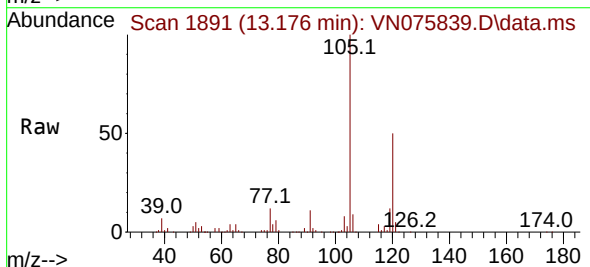
Manual Integrations  
APPROVED

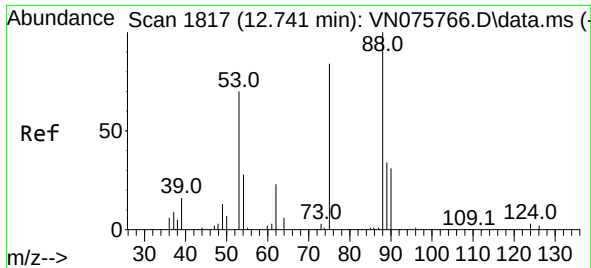
Reviewed By :John Carlone 12/19/2022  
Supervised By :Mahesh Dadoda 12/19/2022



#80  
1,3,5-Trimethylbenzene  
Concen: 20.232 ug/l  
RT: 13.176 min Scan# 1891  
Delta R.T. 0.000 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49

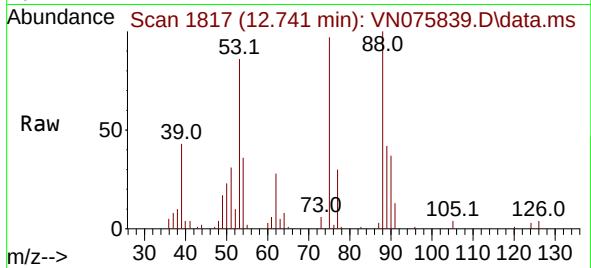
Tgt Ion:105 Resp: 252776  
Ion Ratio Lower Upper  
105 100  
120 49.8 24.7 74.1





#81  
trans-1,4-Dichloro-2-butene  
Concen: 20.627 ug/l  
RT: 12.741 min Scan# 1817  
Delta R.T. 0.000 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49

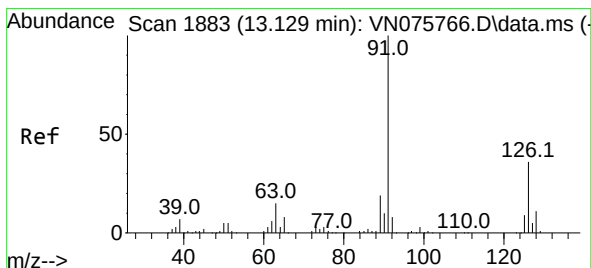
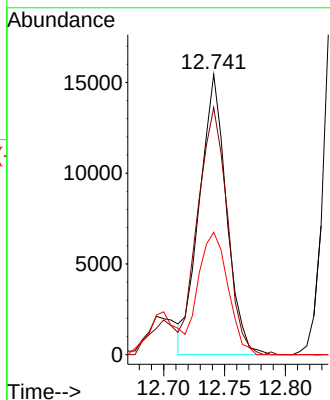
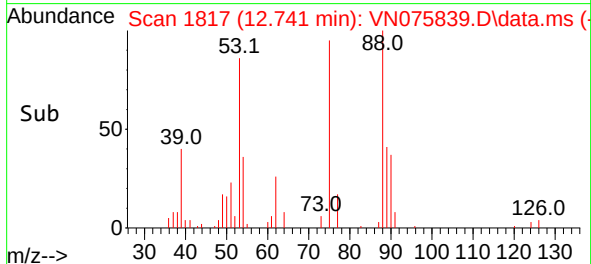
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01



Tgt Ion: 75 Resp: 2386  
Ion Ratio Lower Upper  
75 100  
53 95.8 73.8 110.6  
89 47.4 39.5 59.3

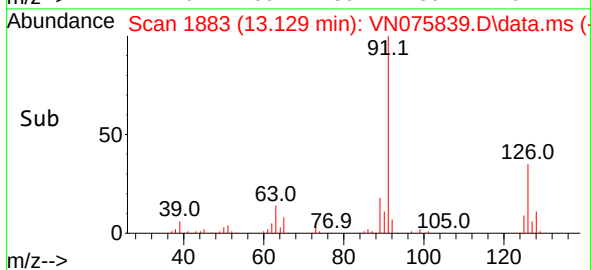
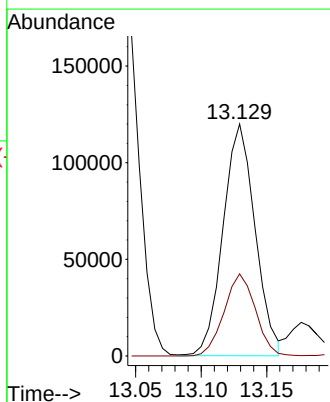
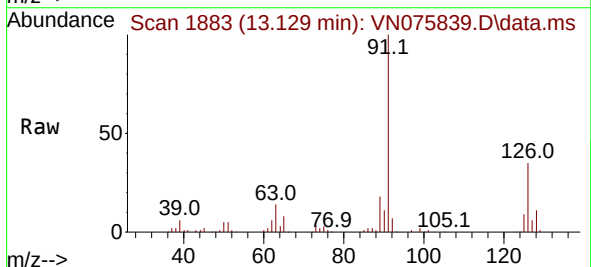
Manual Integrations  
APPROVED

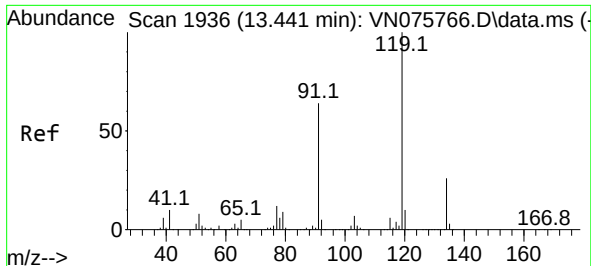
Reviewed By :John Carlone 12/19/2022  
Supervised By :Mahesh Dadoda 12/19/2022



#82  
4-Chlorotoluene  
Concen: 19.850 ug/l  
RT: 13.129 min Scan# 1883  
Delta R.T. 0.000 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49

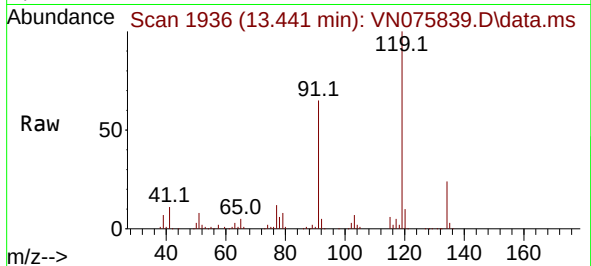
Tgt Ion: 91 Resp: 204017  
Ion Ratio Lower Upper  
91 100  
126 34.6 17.5 52.5





#83  
tert-Butylbenzene  
Concen: 20.764 ug/l  
RT: 13.441 min Scan# 1936  
Delta R.T. 0.000 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49

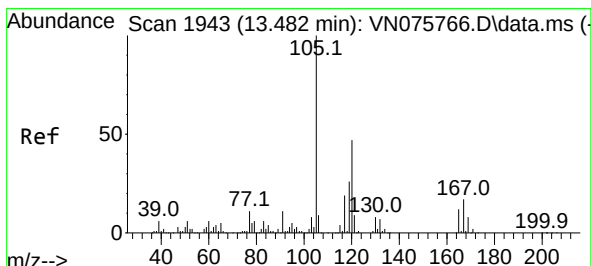
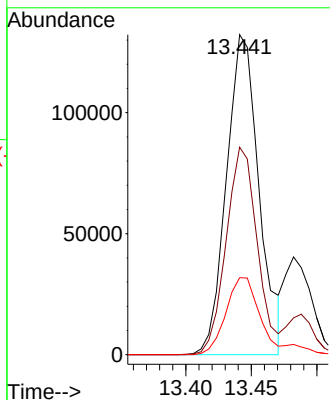
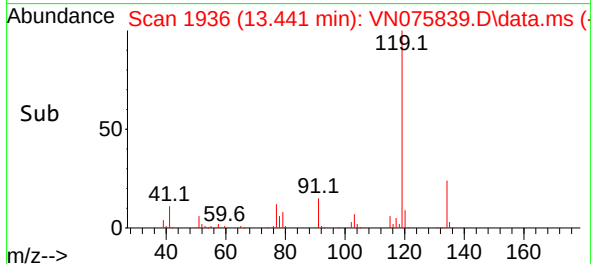
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01



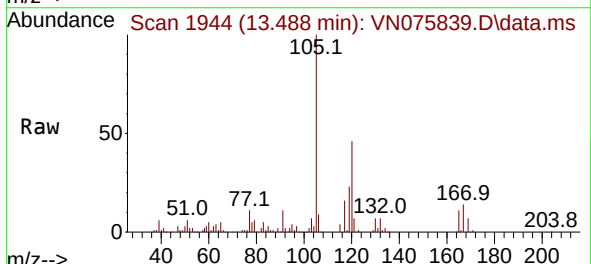
Tgt Ion:119 Resp: 228735  
Ion Ratio Lower Upper  
119 100  
91 62.0 31.9 95.5  
134 26.8 13.8 41.4

Manual Integrations  
APPROVED

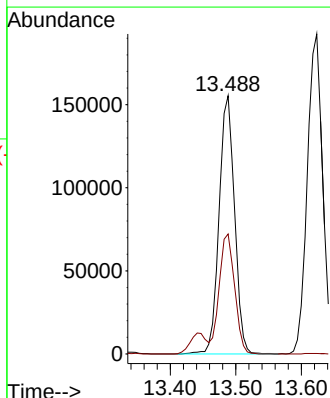
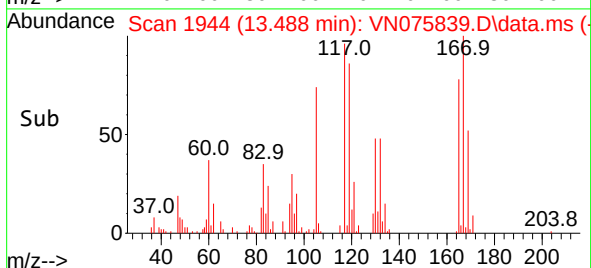
Reviewed By :John Carlone 12/19/2022  
Supervised By :Mahesh Dadoda 12/19/2022

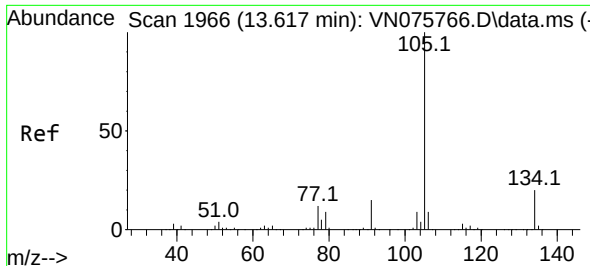


#84  
1,2,4-Trimethylbenzene  
Concen: 20.459 ug/l  
RT: 13.488 min Scan# 1944  
Delta R.T. 0.006 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49



Tgt Ion:105 Resp: 253583  
Ion Ratio Lower Upper  
105 100  
120 46.4 23.3 69.8





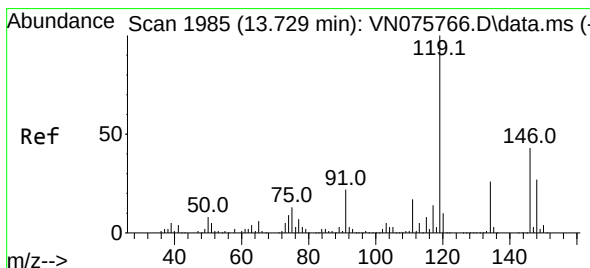
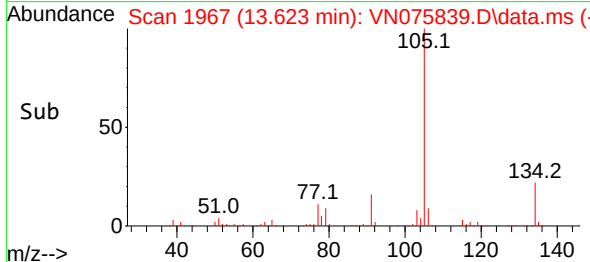
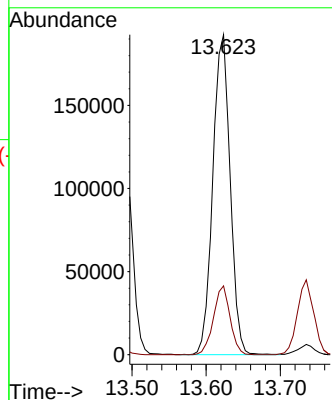
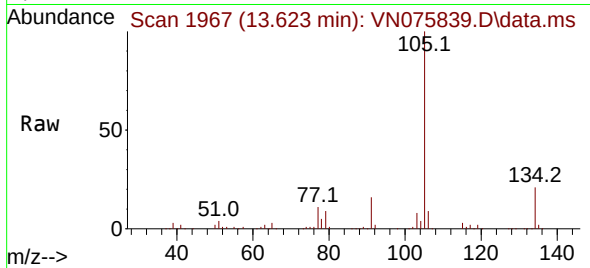
#85  
 sec-Butylbenzene  
 Concen: 20.539 ug/l  
 RT: 13.623 min Scan# 1966  
 Delta R.T. 0.006 min  
 Lab File: VN075839.D  
 Acq: 16 Dec 2022 11:49

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1216WBSD01

Tgt Ion:105 Resp: 31228  
 Ion Ratio Lower Upper  
 105 100  
 134 20.6 10.1 30.1

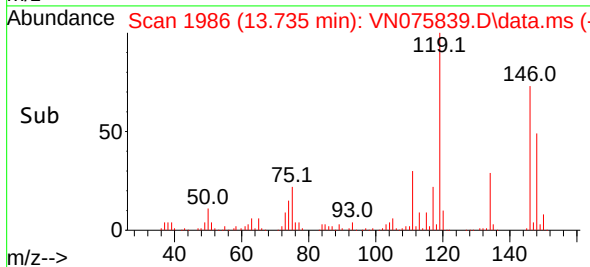
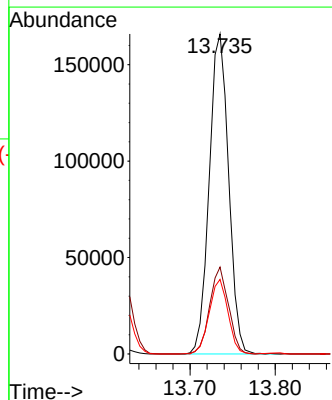
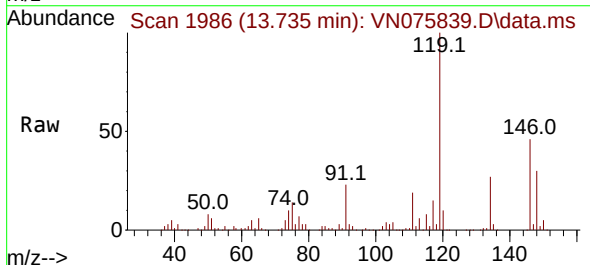
Manual Integrations  
 APPROVED

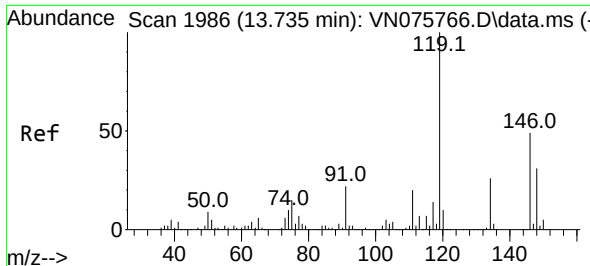
Reviewed By :John Carlone 12/19/2022  
 Supervised By :Mahesh Dadoda 12/19/2022



#86  
 p-Isopropyltoluene  
 Concen: 20.700 ug/l  
 RT: 13.735 min Scan# 1986  
 Delta R.T. 0.006 min  
 Lab File: VN075839.D  
 Acq: 16 Dec 2022 11:49

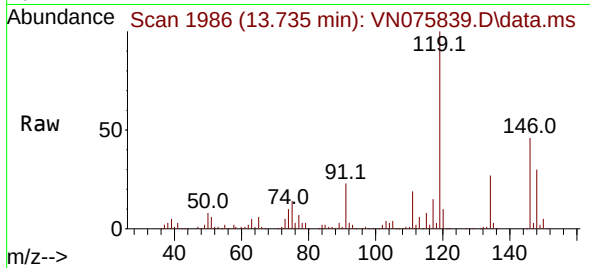
Tgt Ion:119 Resp: 261887  
 Ion Ratio Lower Upper  
 119 100  
 134 26.4 13.0 39.0  
 91 22.7 11.2 33.6





#87  
1,3-Dichlorobenzene  
Concen: 18.803 ug/l  
RT: 13.735 min Scan# 1986  
Delta R.T. 0.000 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49

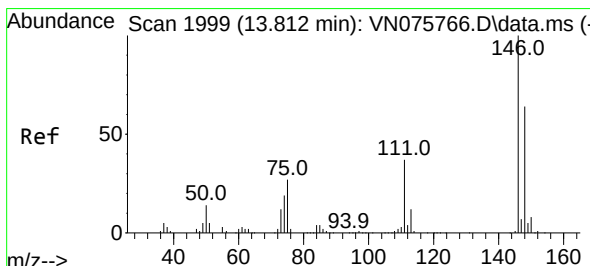
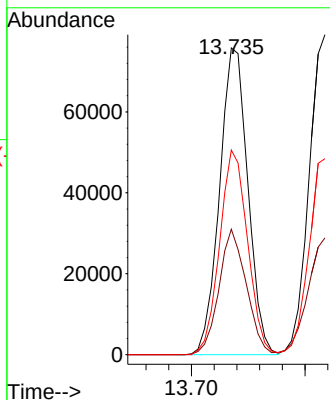
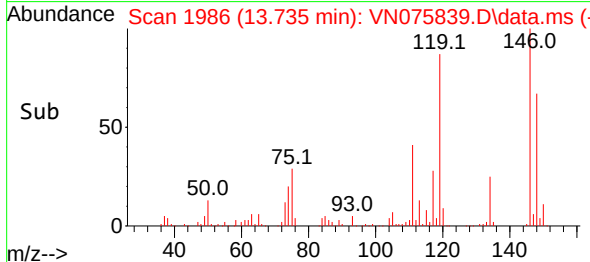
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01



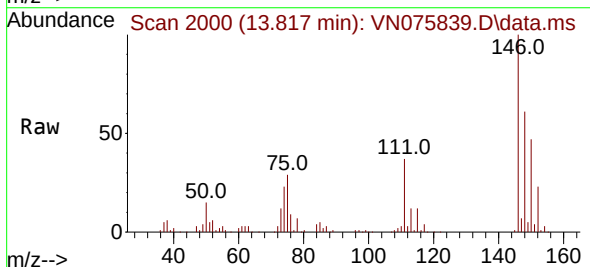
Tgt Ion:146 Resp: 131222  
Ion Ratio Lower Upper  
146 100  
111 39.5 19.7 59.0  
148 65.9 31.4 94.2

Manual Integrations  
APPROVED

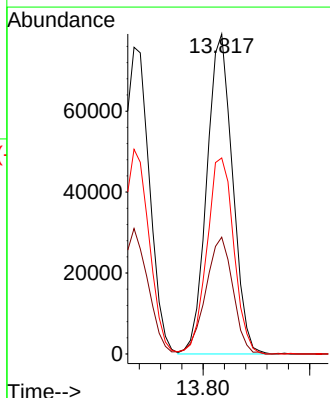
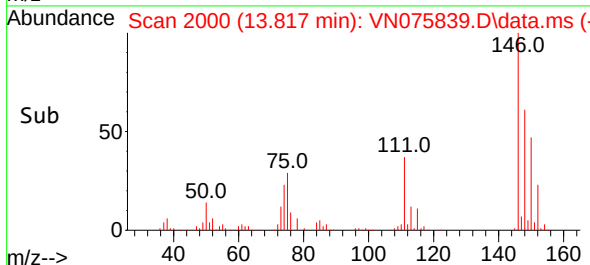
Reviewed By :John Carlone 12/19/2022  
Supervised By :Mahesh Dadoda 12/19/2022



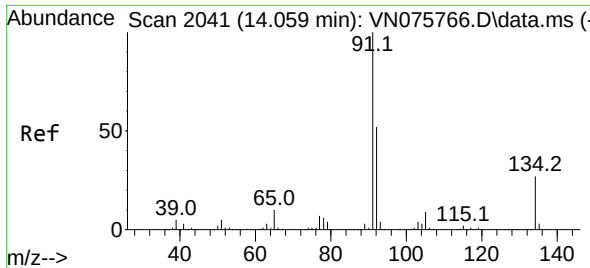
#88  
1,4-Dichlorobenzene  
Concen: 18.614 ug/l  
RT: 13.817 min Scan# 2000  
Delta R.T. 0.006 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49



Tgt Ion:146 Resp: 132698  
Ion Ratio Lower Upper  
146 100  
111 38.6 19.1 57.1  
148 64.2 32.0 96.2







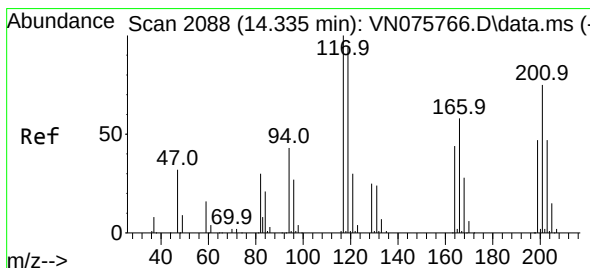
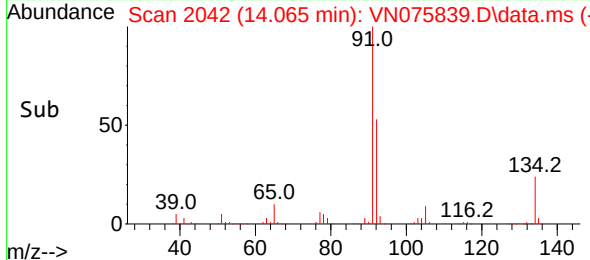
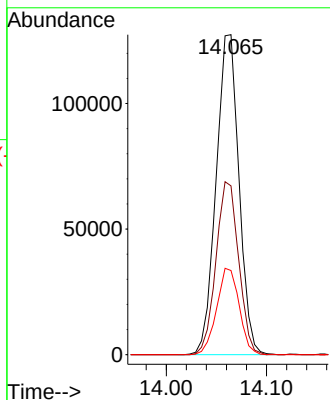
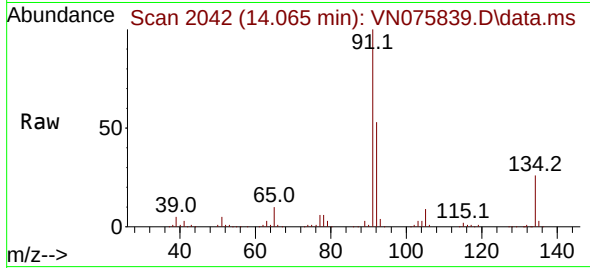
#89  
n-Butylbenzene  
Concen: 19.635 ug/l  
RT: 14.065 min Scan# 2041  
Delta R.T. 0.006 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01

Tgt Ion: 91 Resp: 201240  
Ion Ratio Lower Upper  
91 100  
92 53.6 26.4 79.2  
134 26.6 13.4 40.2

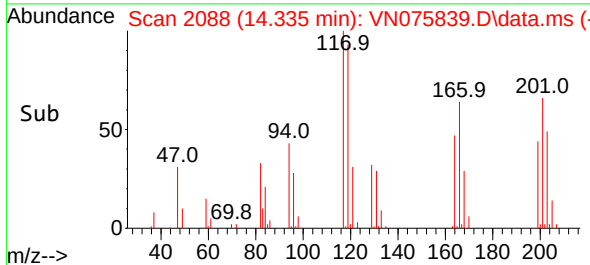
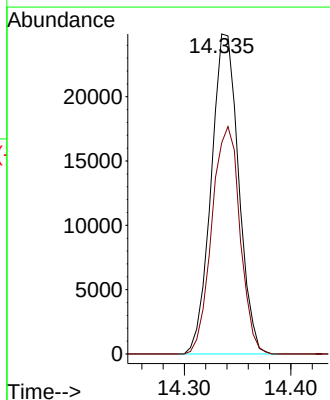
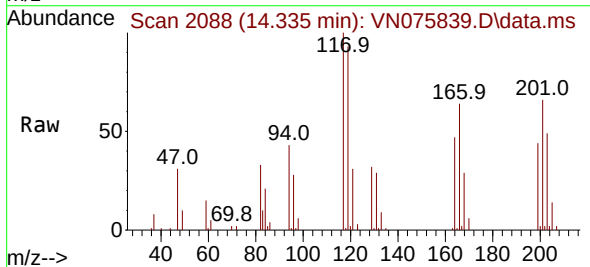
Manual Integrations  
APPROVED

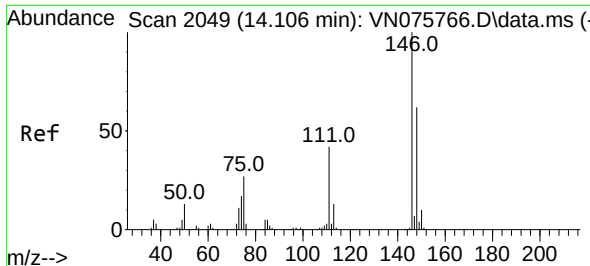
Reviewed By :John Carlone 12/19/2022  
Supervised By :Mahesh Dadoda 12/19/2022



#90  
Hexachloroethane  
Concen: 19.682 ug/l  
RT: 14.335 min Scan# 2088  
Delta R.T. 0.000 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49

Tgt Ion:117 Resp: 44542  
Ion Ratio Lower Upper  
117 100  
201 72.6 38.0 114.1





#91

1,2-Dichlorobenzene

Concen: 19.192 ug/l

RT: 14.112 min Scan# 2049

Delta R.T. 0.006 min

Lab File: VN075839.D

Acq: 16 Dec 2022 11:49

Instrument :

MSVOA\_N

ClientSampleId :

VN1216WBSD01

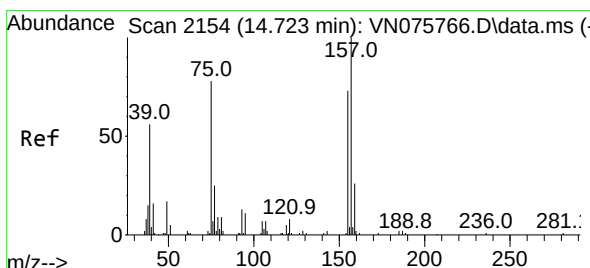
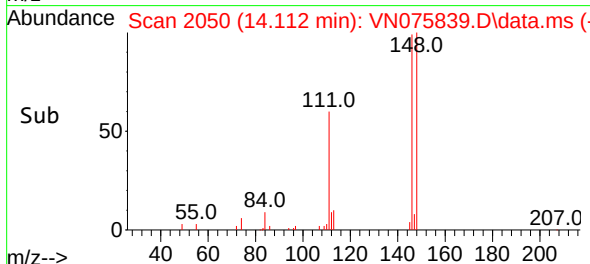
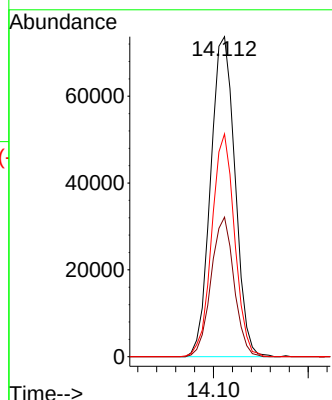
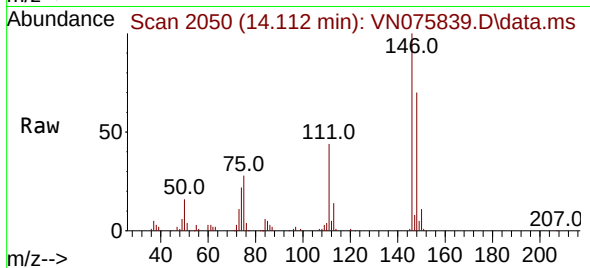
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 13192 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 111       | 41.0  | 20.3  | 61.0  |
| 148       | 65.2  | 31.7  | 95.1  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.070 ug/l

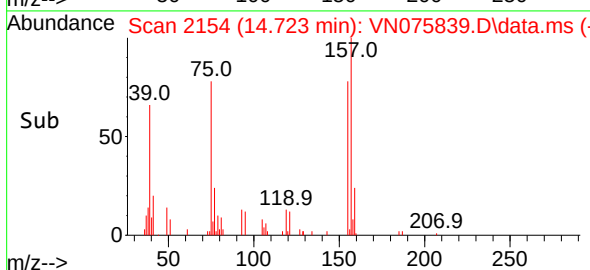
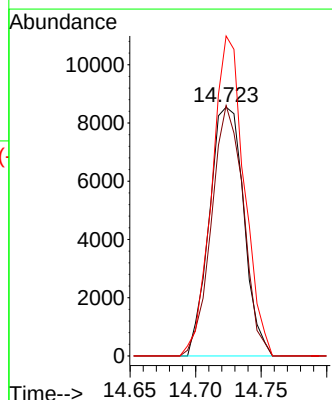
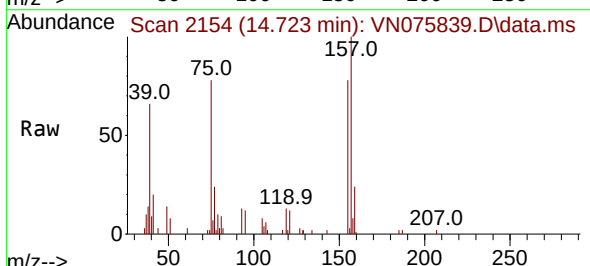
RT: 14.723 min Scan# 2154

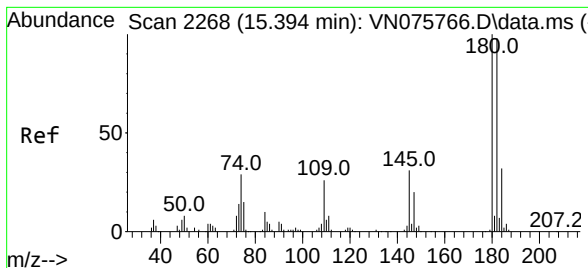
Delta R.T. 0.000 min

Lab File: VN075839.D

Acq: 16 Dec 2022 11:49

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 15616 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 93.2  | 49.3  | 147.8 |
| 157       | 120.4 | 63.7  | 191.3 |





#93

1,2,4-Trichlorobenzene

Concen: 18.757 ug/l

RT: 15.400 min Scan# 2268

Delta R.T. 0.006 min

Lab File: VN075839.D

Acq: 16 Dec 2022 11:49

Instrument :

MSVOA\_N

ClientSampleId :

VN1216WBSD01

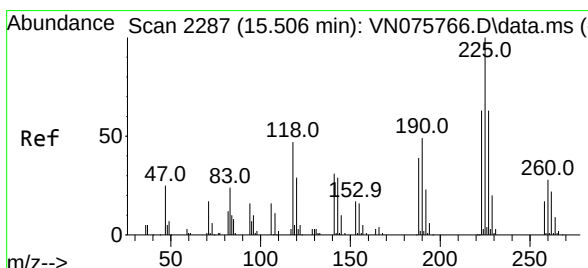
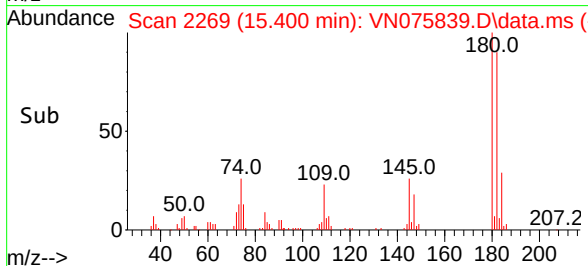
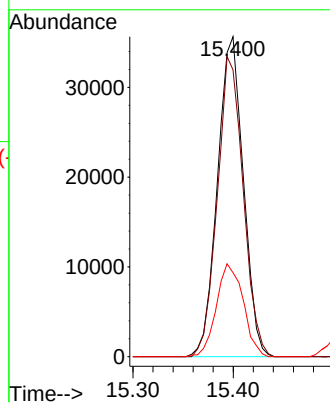
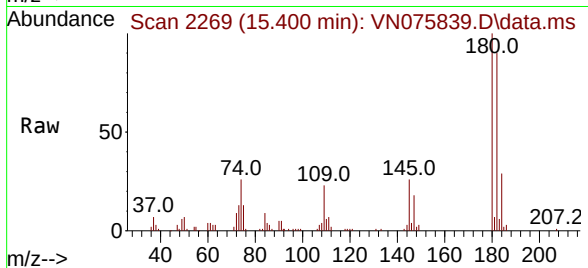
|             |             |
|-------------|-------------|
| Tgt Ion:180 | Resp: 6383  |
| Ion Ratio   | Lower Upper |
| 180 100     |             |
| 182 93.8    | 47.5 142.5  |
| 145 30.1    | 15.3 45.8   |

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#94

Hexachlorobutadiene

Concen: 18.378 ug/l

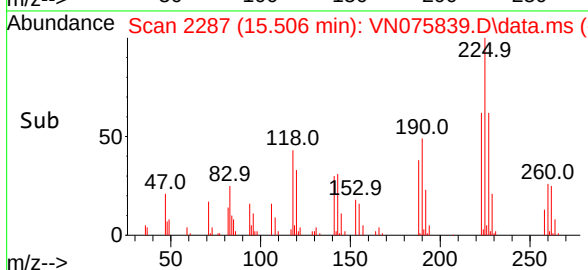
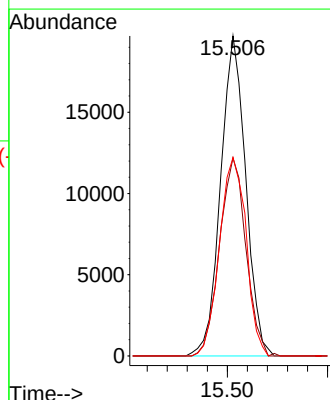
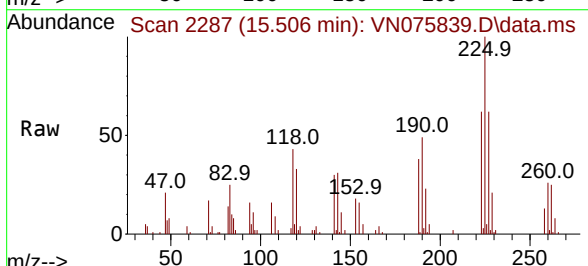
RT: 15.506 min Scan# 2287

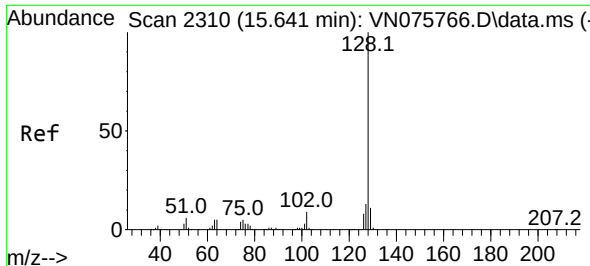
Delta R.T. 0.000 min

Lab File: VN075839.D

Acq: 16 Dec 2022 11:49

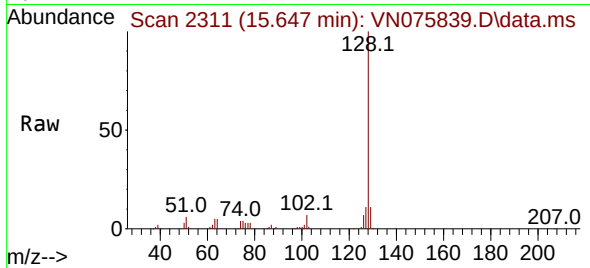
|             |             |
|-------------|-------------|
| Tgt Ion:225 | Resp: 34123 |
| Ion Ratio   | Lower Upper |
| 225 100     |             |
| 223 65.1    | 31.5 94.5   |
| 227 65.9    | 31.6 95.0   |





#95  
Naphthalene  
Concen: 18.722 ug/l  
RT: 15.647 min Scan# 211  
Delta R.T. 0.006 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49

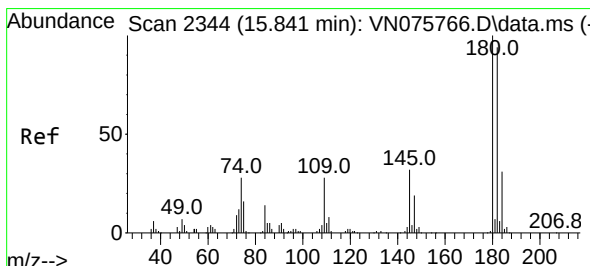
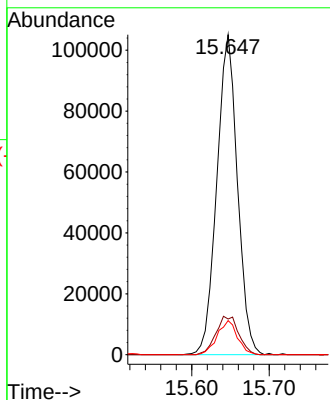
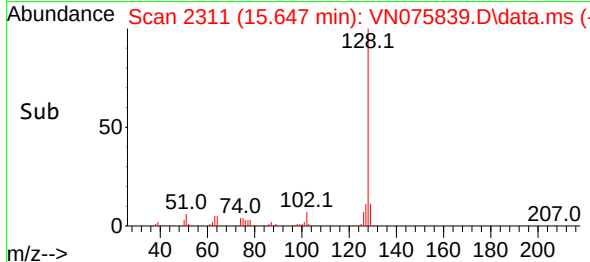
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01



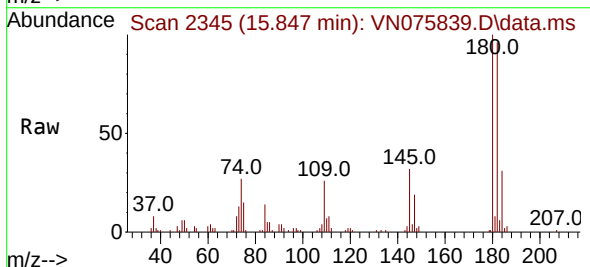
Tgt Ion:128 Resp: 194470  
Ion Ratio Lower Upper  
128 100  
127 13.3 10.4 15.6  
129 10.4 8.7 13.1

Manual Integrations  
APPROVED

Reviewed By :John Carlone 12/19/2022  
Supervised By :Mahesh Dadoda 12/19/2022



#96  
1,2,3-Trichlorobenzene  
Concen: 20.058 ug/l  
RT: 15.847 min Scan# 2345  
Delta R.T. 0.006 min  
Lab File: VN075839.D  
Acq: 16 Dec 2022 11:49



Tgt Ion:180 Resp: 63799  
Ion Ratio Lower Upper  
180 100  
182 93.3 47.0 141.0  
145 32.6 16.0 47.9

