

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN071223\  
 Data File : VN078486.D  
 Acq On : 12 Jul 2023 18:22  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Jul 13 02:05:41 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N071023W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 10 16:13:53 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : John Carlone 07/13/2023  
 Supervised By : Mahesh Dadoda 07/13/2023

| Compound                     | R.T.           | QIon | Response             | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|----------------------|---------|--------|----------|
| -----                        |                |      |                      |         |        |          |
| Internal Standards           |                |      |                      |         |        |          |
| 1) Pentafluorobenzene        | 8.230          | 168  | 311917               | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.112          | 114  | 608192               | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.871         | 117  | 521286               | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.794         | 152  | 194979               | 50.000  | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |                      |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.588          | 65   | 293002               | 70.070  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 74 - 125 |      | Recovery = 140.140%# |         |        |          |
| 35) Dibromofluoromethane     | 8.177          | 113  | 246560               | 59.720  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = 119.440%  |         |        |          |
| 50) Toluene-d8               | 10.571         | 98   | 727930               | 46.672  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 86 - 113 |      | Recovery = 93.340%   |         |        |          |
| 62) 4-Bromofluorobenzene     | 12.853         | 95   | 229485               | 47.769  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = 95.540%   |         |        |          |
| Target Compounds             |                |      |                      |         |        |          |
|                              |                |      |                      |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.136          | 85   | 123735               | 32.355  | ug/l   | 98       |
| 3) Chloromethane             | 2.371          | 50   | 236891               | 56.991  | ug/l   | 99       |
| 4) Vinyl Chloride            | 2.518          | 62   | 258145               | 48.009  | ug/l   | 100      |
| 5) Bromomethane              | 2.942          | 94   | 217883               | 65.617  | ug/l   | 94       |
| 6) Chloroethane              | 3.118          | 64   | 192229               | 59.463  | ug/l   | 98       |
| 7) Trichlorofluoromethane    | 3.495          | 101  | 245346               | 38.170  | ug/l   | 98       |
| 8) Diethyl Ether             | 3.971          | 74   | 149556               | 69.836  | ug/l   | 80       |
| 9) 1,1,2-Trichlorotrifluo... | 4.389          | 101  | 125053               | 36.753  | ug/l   | 96       |
| 10) Methyl Iodide            | 4.601          | 142  | 291751               | 62.399  | ug/l   | 100      |
| 11) Tert butyl alcohol       | 5.542          | 59   | 246368               | 382.077 | ug/l   | 99       |
| 12) 1,1-Dichloroethene       | 4.348          | 96   | 154437               | 46.923  | ug/l   | 95       |
| 13) Acrolein                 | 4.189          | 56   | 212187               | 334.465 | ug/l   | 97       |
| 14) Allyl chloride           | 5.036          | 41   | 243984               | 54.251  | ug/l   | 96       |
| 15) Acrylonitrile            | 5.730          | 53   | 626160               | 384.337 | ug/l   | 99       |
| 16) Acetone                  | 4.442          | 43   | 485085               | 372.408 | ug/l   | 99       |
| 17) Carbon Disulfide         | 4.718          | 76   | 402682               | 42.311  | ug/l   | 99       |
| 18) Methyl Acetate           | 5.036          | 43   | 415401               | 75.336  | ug/l   | 90       |
| 19) Methyl tert-butyl Ether  | 5.806          | 73   | 787525               | 72.622  | ug/l   | 97       |
| 20) Methylene Chloride       | 5.289          | 84   | 260567               | 70.235  | ug/l   | 94       |
| 21) trans-1,2-Dichloroethene | 5.800          | 96   | 192277               | 51.842  | ug/l   | 87       |
| 22) Diisopropyl ether        | 6.683          | 45   | 705630               | 70.071  | ug/l   | 94       |
| 23) Vinyl Acetate            | 6.618          | 43   | 2378609              | 371.541 | ug/l # | 91       |
| 24) 1,1-Dichloroethane       | 6.577          | 63   | 413776               | 60.978  | ug/l   | 98       |
| 25) 2-Butanone               | 7.494          | 43   | 802649               | 391.458 | ug/l   | 88       |
| 26) 2,2-Dichloropropane      | 7.500          | 77   | 200874               | 36.194  | ug/l   | 94       |
| 27) cis-1,2-Dichloroethene   | 7.494          | 96   | 266728               | 62.166  | ug/l   | 98       |
| 28) Bromochloromethane       | 7.824          | 49   | 219295               | 68.614  | ug/l   | 94       |
| 29) Tetrahydrofuran          | 7.847          | 42   | 526090               | 391.025 | ug/l   | 87       |
| 30) Chloroform               | 7.977          | 83   | 453155               | 64.145  | ug/l   | 99       |
| 31) Cyclohexane              | 8.265          | 56   | 195993               | 34.682  | ug/l   | 89       |
| 32) 1,1,1-Trichloroethane    | 8.177          | 97   | 323952               | 51.146  | ug/l   | 97       |
| 36) 1,1-Dichloropropene      | 8.377          | 75   | 222120               | 37.260  | ug/l   | 99       |
| 37) Ethyl Acetate            | 7.571          | 43   | 348997               | 70.229  | ug/l   | 95       |
| 38) Carbon Tetrachloride     | 8.371          | 117  | 258541               | 39.904  | ug/l   | 96       |
| 39) Methylcyclohexane        | 9.612          | 83   | 173753               | 31.931  | ug/l   | 91       |
| 40) Benzene                  | 8.612          | 78   | 918421               | 52.003  | ug/l   | 99       |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Jul 13 02:05:41 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N071023W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 10 16:13:53 2023  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 07/13/2023  
 Supervised By : Mahesh Dadoda 07/13/2023

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.794  | 41   | 178297   | 70.380   | ug/l   | 92       |
| 42) 1,2-Dichloroethane        | 8.677  | 62   | 375717   | 62.545   | ug/l   | 97       |
| 43) Isopropyl Acetate         | 8.694  | 43   | 557130   | 68.095   | ug/l   | 94       |
| 44) Trichloroethene           | 9.359  | 130  | 201244   | 42.279   | ug/l   | 94       |
| 45) 1,2-Dichloropropane       | 9.630  | 63   | 257404   | 57.546   | ug/l   | 98       |
| 46) Dibromomethane            | 9.718  | 93   | 198485   | 63.046   | ug/l   | 92       |
| 47) Bromodichloromethane      | 9.894  | 83   | 367896   | 58.295   | ug/l   | 95       |
| 48) Methyl methacrylate       | 9.688  | 41   | 256170   | 67.583   | ug/l   | 87       |
| 49) 1,4-Dioxane               | 9.700  | 88   | 114858   | 1389.481 | ug/l   | 93       |
| 51) 4-Methyl-2-Pentanone      | 10.453 | 43   | 1744233  | 358.416  | ug/l   | 94       |
| 52) Toluene                   | 10.635 | 92   | 500740   | 45.747   | ug/l   | 94       |
| 53) t-1,3-Dichloropropene     | 10.841 | 75   | 364485   | 56.376   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 10.318 | 75   | 383223   | 55.607   | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane     | 11.024 | 97   | 272205   | 63.119   | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.882 | 69   | 401953   | 66.675   | ug/l   | 93       |
| 57) 1,3-Dichloropropane       | 11.171 | 76   | 446471   | 60.887   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.165 | 63   | 739509   | 344.213  | ug/l   | 93       |
| 59) 2-Hexanone                | 11.200 | 43   | 1261856  | 364.838  | ug/l   | 92       |
| 60) Dibromochloromethane      | 11.365 | 129  | 293626   | 61.673   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.477 | 107  | 278819   | 62.761   | ug/l   | 96       |
| 64) Tetrachloroethene         | 11.112 | 164  | 161005   | 41.081   | ug/l   | 96       |
| 65) Chlorobenzene             | 11.900 | 112  | 540698   | 46.404   | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 237372   | 52.955   | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.971 | 91   | 842994   | 42.801   | ug/l   | 98       |
| 68) m/p-Xylenes               | 12.077 | 106  | 643329   | 88.344   | ug/l   | 99       |
| 69) o-Xylene                  | 12.406 | 106  | 329018   | 44.732   | ug/l   | 95       |
| 70) Styrene                   | 12.418 | 104  | 566236   | 49.208   | ug/l   | 99       |
| 71) Bromoform                 | 12.582 | 173  | 201047   | 66.225   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.700 | 105  | 722306   | 39.425   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.500 | 43   | 401837   | 63.644   | ug/l   | 93       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 387065   | 77.334   | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane    | 13.000 | 75   | 310132m  | 65.805   | ug/l   |          |
| 77) Bromobenzene              | 12.988 | 156  | 215633   | 54.253   | ug/l   | 96       |
| 78) n-propylbenzene           | 13.041 | 91   | 779693   | 39.794   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 540142   | 42.087   | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 597309   | 41.262   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.741 | 75   | 113154   | 63.093   | ug/l   | 93       |
| 82) 4-Chlorotoluene           | 13.224 | 91   | 502965   | 42.011   | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.447 | 119  | 489495   | 39.828   | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene    | 13.488 | 105  | 615024   | 43.740   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.623 | 105  | 591594   | 38.082   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.735 | 119  | 484709   | 38.858   | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 13.741 | 146  | 320881   | 45.623   | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene       | 13.818 | 146  | 301653   | 42.580   | ug/l   | 97       |
| 89) n-Butylbenzene            | 14.059 | 91   | 354835   | 39.757   | ug/l   | 97       |
| 90) Hexachloroethane          | 14.335 | 117  | 96134    | 41.797   | ug/l   | 80       |
| 91) 1,2-Dichlorobenzene       | 14.112 | 146  | 334000   | 47.718   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 66452    | 76.793   | ug/l   | 91       |
| 93) 1,2,4-Trichlorobenzene    | 15.400 | 180  | 93056    | 41.656   | ug/l   | 93       |
| 94) Hexachlorobutadiene       | 15.506 | 225  | 47578    | 40.374   | ug/l   | 98       |
| 95) Naphthalene               | 15.647 | 128  | 376085   | 49.245   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.847 | 180  | 110387   | 42.975   | ug/l   | 93       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN071223\  
Data File : VN078486.D  
Acq On : 12 Jul 2023 18:22  
Operator : JC\MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

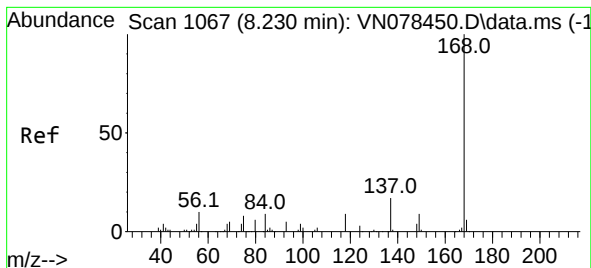
Reviewed By :John Carlone 07/13/2023  
Supervised By :Mahesh Dadoda 07/13/2023

Quant Time: Jul 13 02:05:41 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N071023W.M  
Quant Title : SW846 8260  
QLast Update : Mon Jul 10 16:13:53 2023  
Response via : Initial Calibration

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

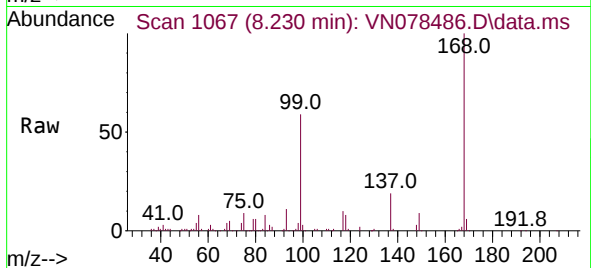
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(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1067  
Delta R.T. -0.000 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

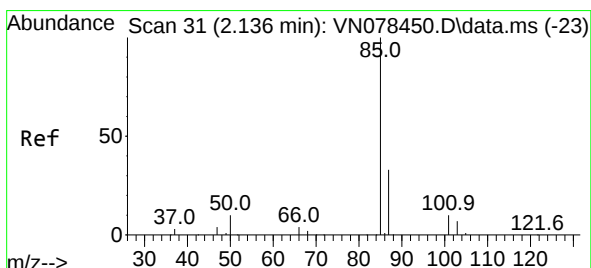
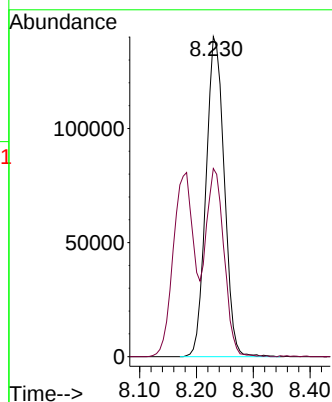
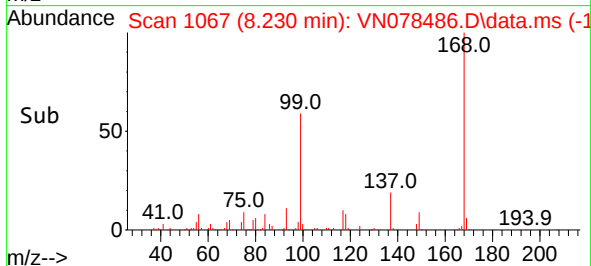
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:168 Resp: 31191  
Ion Ratio Lower Upper  
168 100  
99 58.5 53.0 79.6

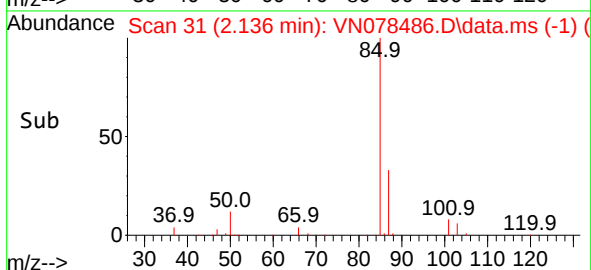
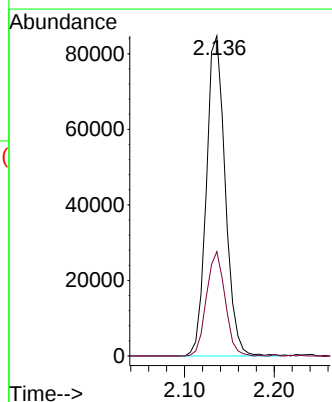
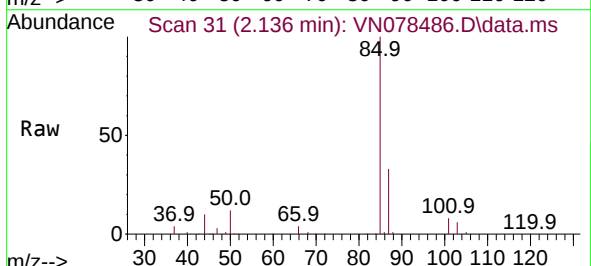
Manual Integrations  
APPROVED

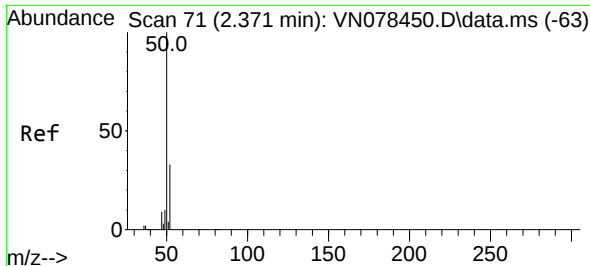
Reviewed By :John Carlone 07/13/2023  
Supervised By :Mahesh Dadoda 07/13/2023



#2  
Dichlorodifluoromethane  
Concen: 32.355 ug/l  
RT: 2.136 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

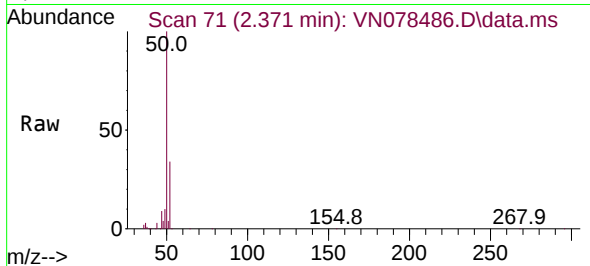
Tgt Ion: 85 Resp: 123735  
Ion Ratio Lower Upper  
85 100  
87 32.6 15.8 47.4





#3  
Chloromethane  
Concen: 56.991 ug/l  
RT: 2.371 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

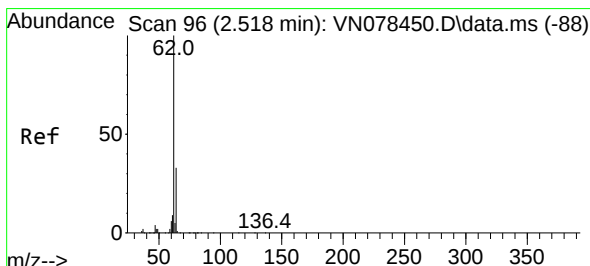
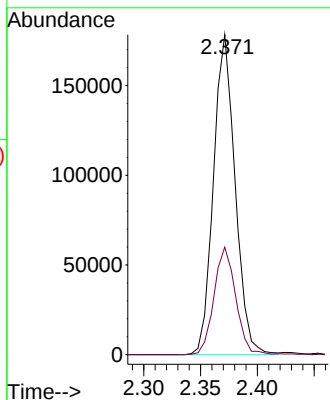
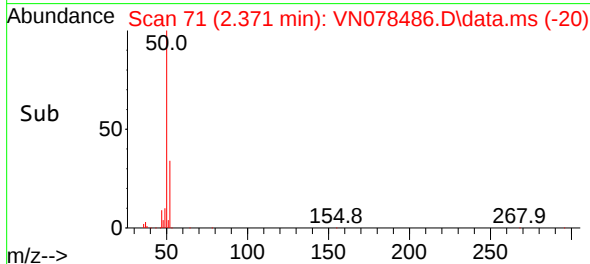
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 50 Resp: 23689  
Ion Ratio Lower Upper  
50 100  
52 33.6 26.5 39.7

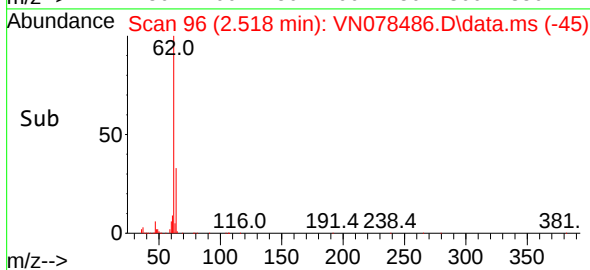
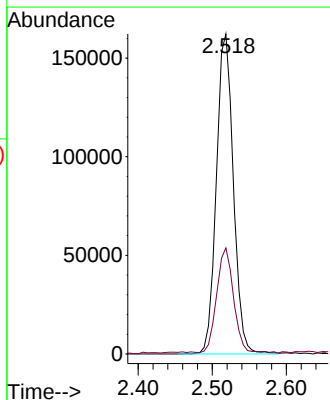
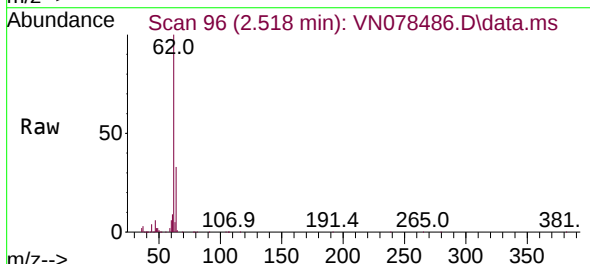
Manual Integrations  
APPROVED

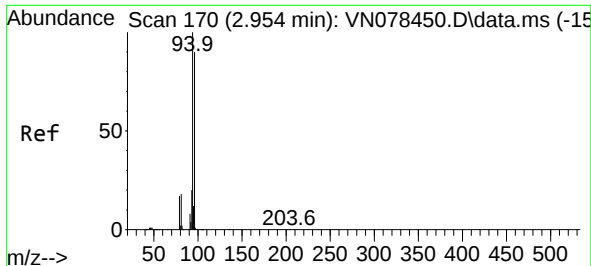
Reviewed By :John Carlone 07/13/2023  
Supervised By :Mahesh Dadoda 07/13/2023



#4  
Vinyl Chloride  
Concen: 48.009 ug/l  
RT: 2.518 min Scan# 96  
Delta R.T. 0.000 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

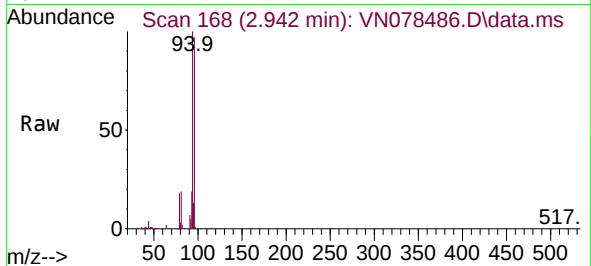
Tgt Ion: 62 Resp: 258145  
Ion Ratio Lower Upper  
62 100  
64 32.9 26.2 39.2





#5  
Bromomethane  
Concen: 65.617 ug/l  
RT: 2.942 min Scan# 10  
Delta R.T. -0.012 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

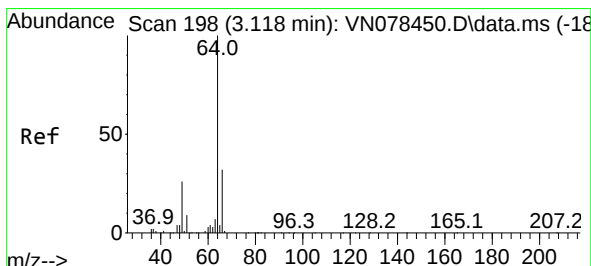
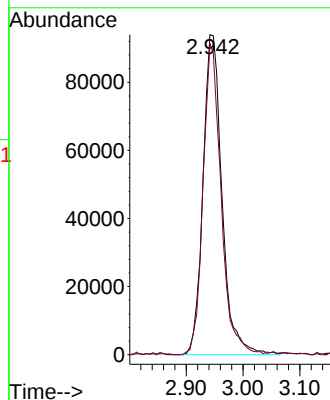
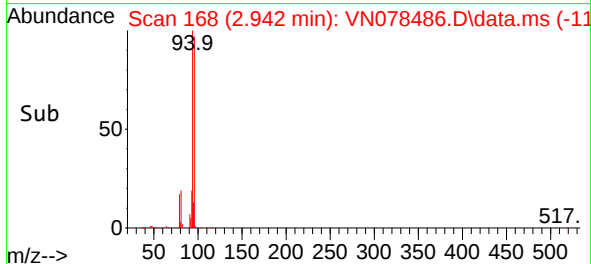
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 94 Resp: 21788  
Ion Ratio Lower Upper  
94 100  
96 97.2 73.1 109.7

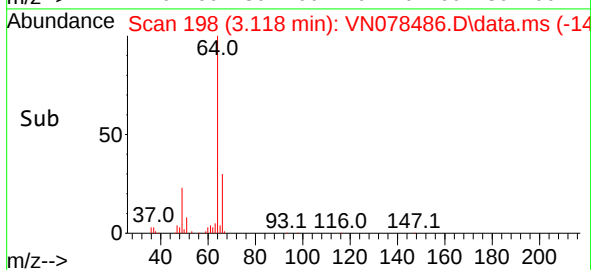
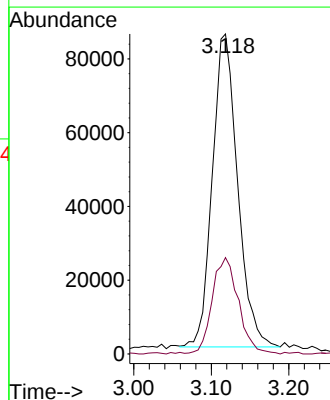
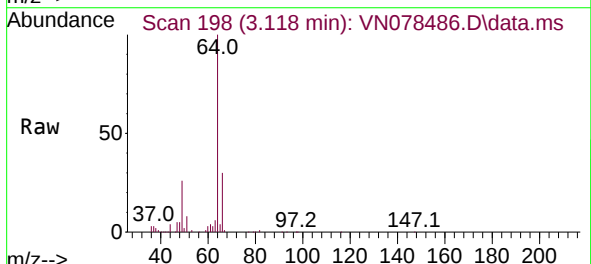
Manual Integrations  
APPROVED

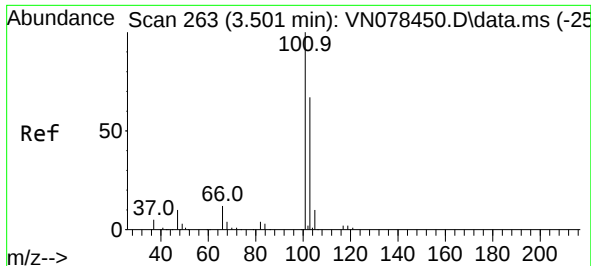
Reviewed By :John Carlone 07/13/2023  
Supervised By :Mahesh Dadoda 07/13/2023



#6  
Chloroethane  
Concen: 59.463 ug/l  
RT: 3.118 min Scan# 198  
Delta R.T. 0.000 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

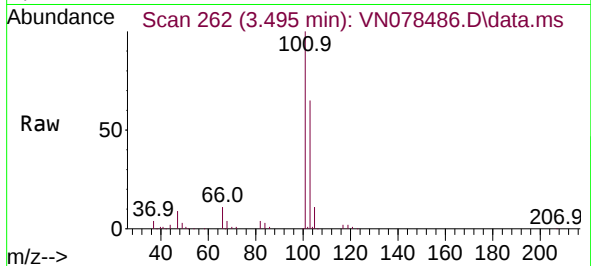
Tgt Ion: 64 Resp: 192229  
Ion Ratio Lower Upper  
64 100  
66 30.8 25.4 38.2





#7  
Trichlorofluoromethane  
Concen: 38.170 ug/l  
RT: 3.495 min Scan# 20  
Delta R.T. -0.006 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

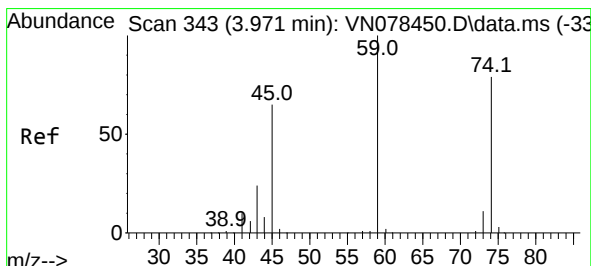
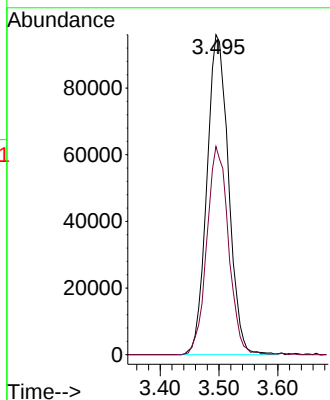
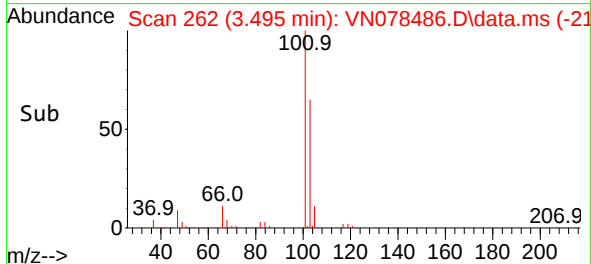
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:101 Resp: 245340  
Ion Ratio Lower Upper  
101 100  
103 65.0 50.7 76.1

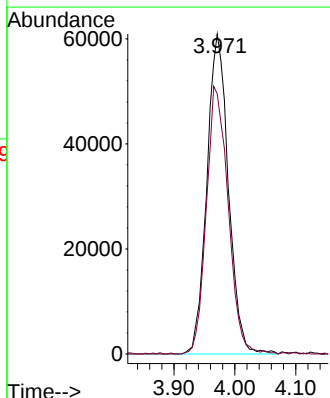
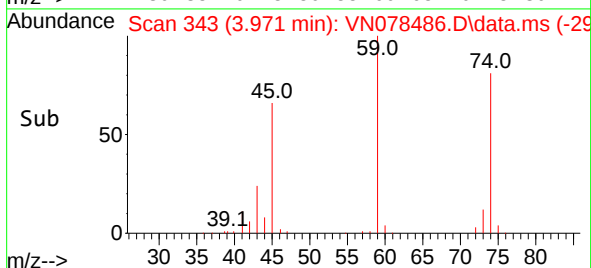
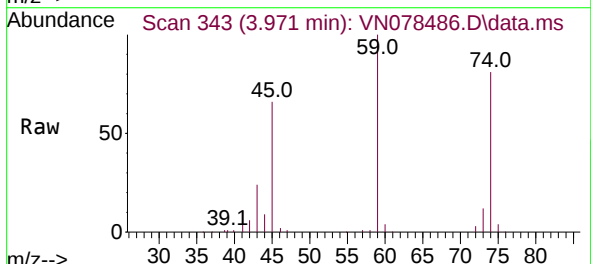
Manual Integrations  
APPROVED

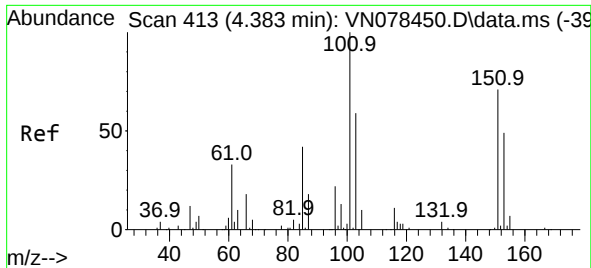
Reviewed By :John Carlone 07/13/2023  
Supervised By :Mahesh Dadoda 07/13/2023



#8  
Diethyl Ether  
Concen: 69.836 ug/l  
RT: 3.971 min Scan# 343  
Delta R.T. 0.000 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

Tgt Ion: 74 Resp: 149556  
Ion Ratio Lower Upper  
74 100  
45 84.9 34.4 103.3





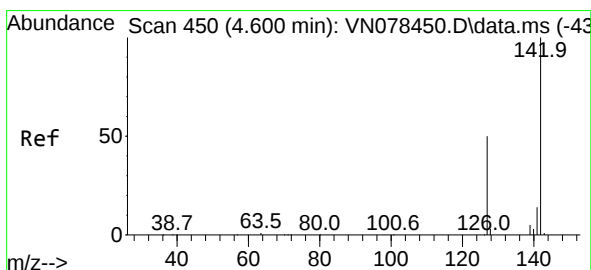
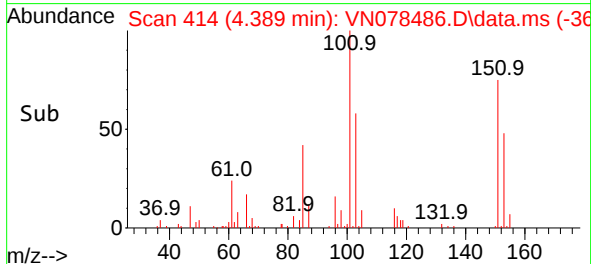
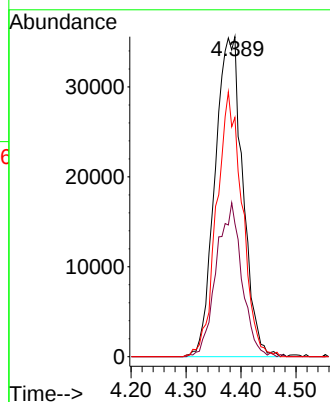
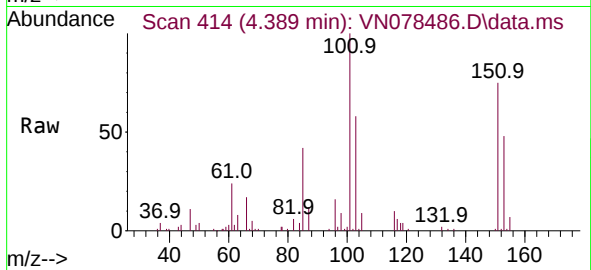
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 36.753 ug/l  
RT: 4.389 min Scan# 413  
Delta R.T. 0.006 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:101 Resp: 12505  
Ion Ratio Lower Upper  
101 100  
85 44.2 36.6 55.0  
151 76.3 57.6 86.4

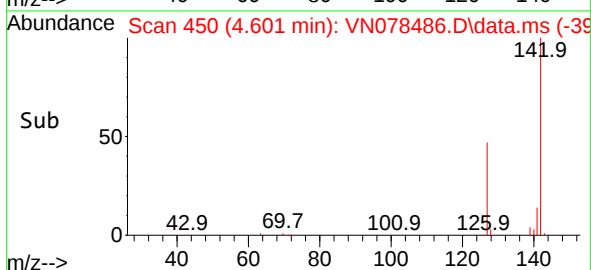
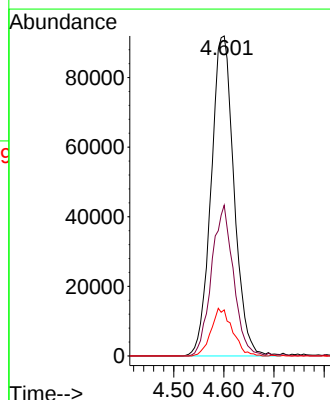
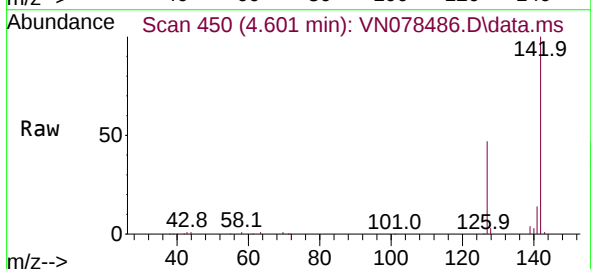
Manual Integrations  
APPROVED

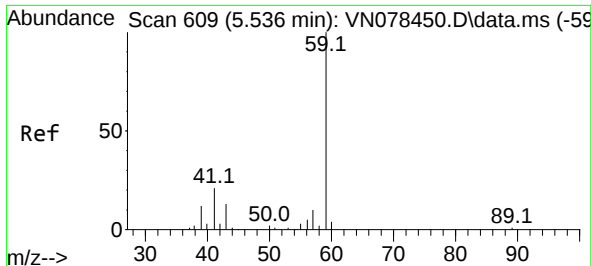
Reviewed By :John Carlone 07/13/2023  
Supervised By :Mahesh Dadoda 07/13/2023



#10  
Methyl Iodide  
Concen: 62.399 ug/l  
RT: 4.601 min Scan# 450  
Delta R.T. 0.001 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

Tgt Ion:142 Resp: 291751  
Ion Ratio Lower Upper  
142 100  
127 47.1 37.6 56.4  
141 14.4 11.4 17.0





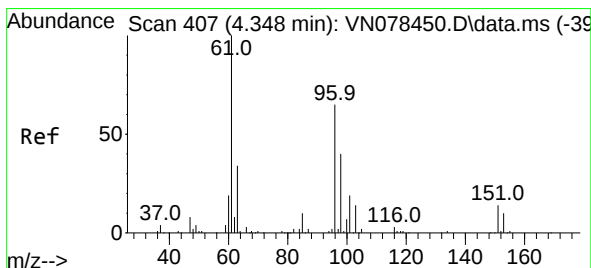
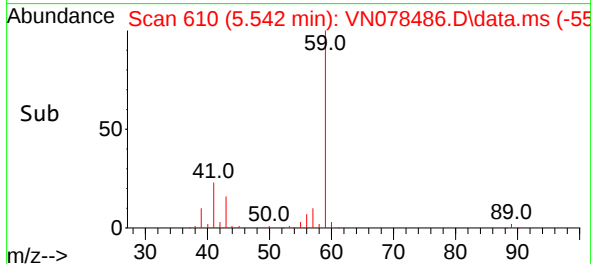
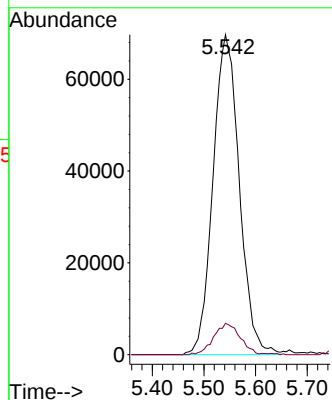
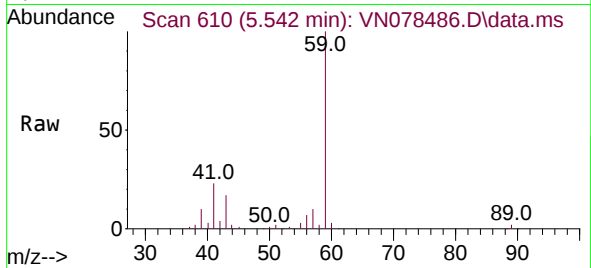
#11  
Tert butyl alcohol  
Concen: 382.077 ug/l  
RT: 5.542 min Scan# 610  
Delta R.T. 0.006 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 59 Resp: 246368  
Ion Ratio Lower Upper  
59 100  
57 9.9 8.2 12.4

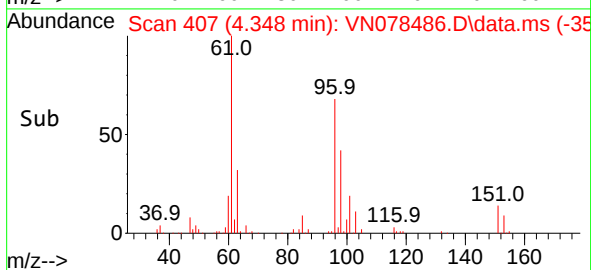
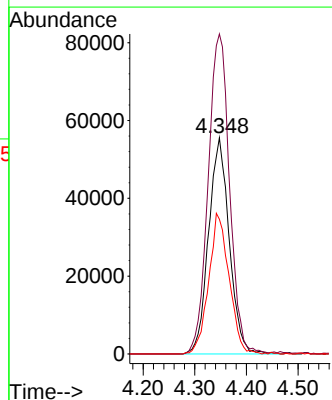
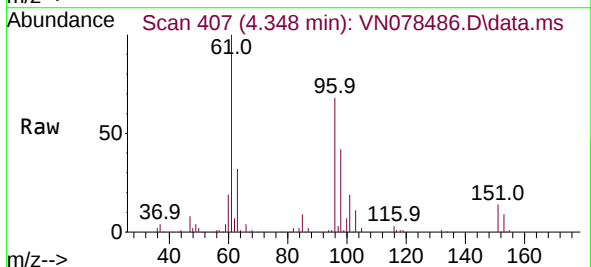
Manual Integrations  
APPROVED

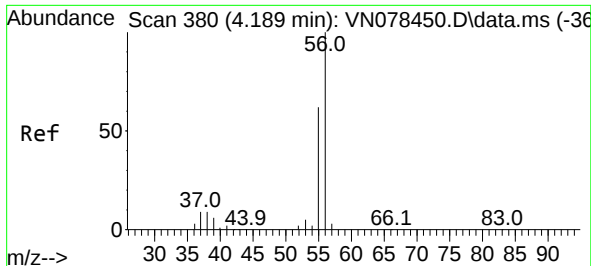
Reviewed By :John Carlone 07/13/2023  
Supervised By :Mahesh Dadoda 07/13/2023



#12  
1,1-Dichloroethene  
Concen: 46.923 ug/l  
RT: 4.348 min Scan# 407  
Delta R.T. -0.000 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

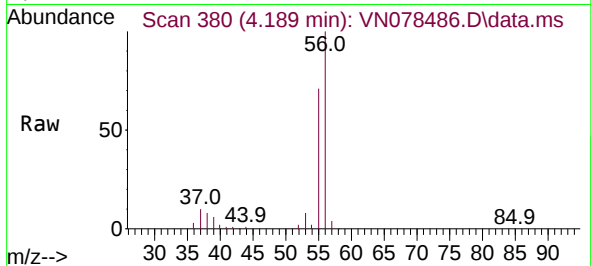
Tgt Ion: 96 Resp: 154437  
Ion Ratio Lower Upper  
96 100  
61 148.0 112.7 169.1  
98 62.3 51.2 76.8





#13  
Acrolein  
Concen: 334.465 ug/l  
RT: 4.189 min Scan# 380  
Delta R.T. -0.000 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

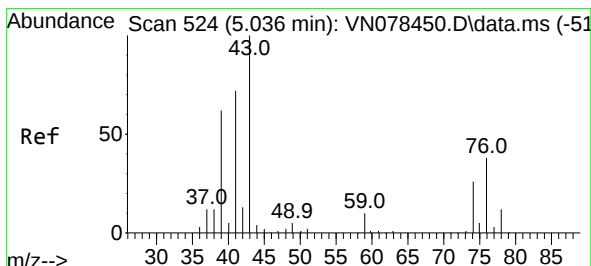
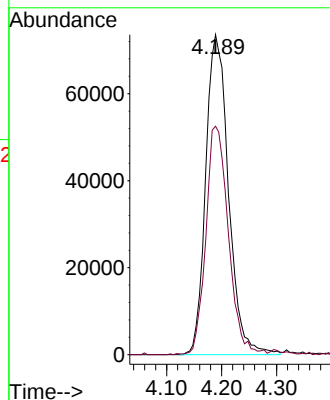
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 56 Resp: 21218  
Ion Ratio Lower Upper  
56 100  
55 70.6 54.5 81.7

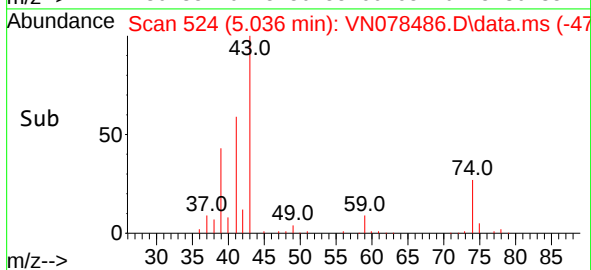
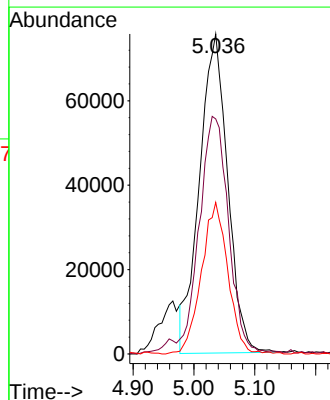
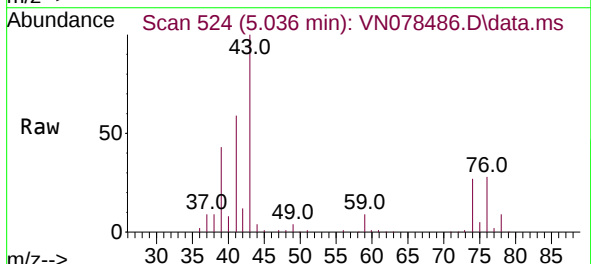
Manual Integrations  
APPROVED

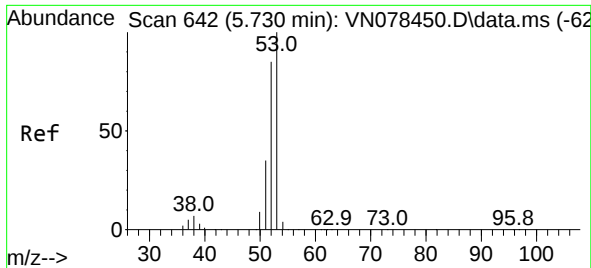
Reviewed By :John Carlone 07/13/2023  
Supervised By :Mahesh Dadoda 07/13/2023



#14  
Allyl chloride  
Concen: 54.251 ug/l  
RT: 5.036 min Scan# 524  
Delta R.T. -0.000 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

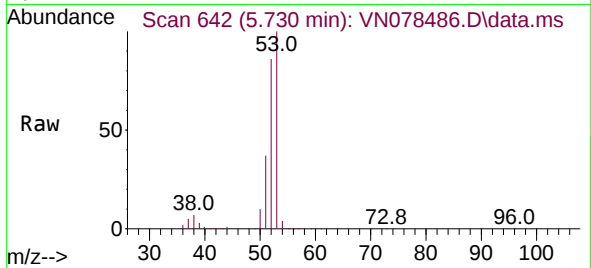
Tgt Ion: 41 Resp: 243984  
Ion Ratio Lower Upper  
41 100  
39 75.3 58.8 88.2  
76 44.6 39.1 58.7





#15  
Acrylonitrile  
Concen: 384.337 ug/l  
RT: 5.730 min Scan# 642  
Delta R.T. -0.000 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

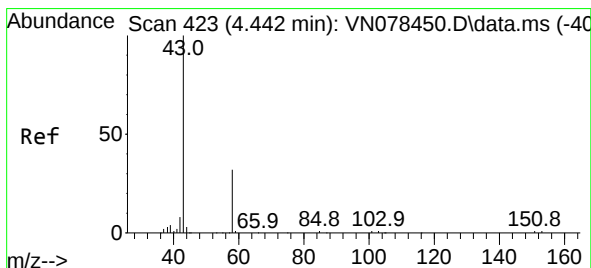
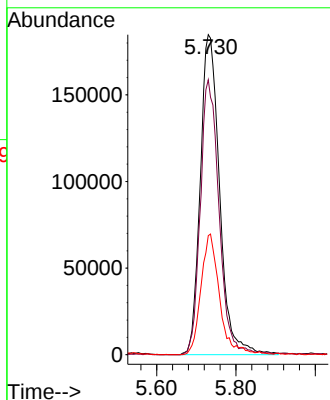
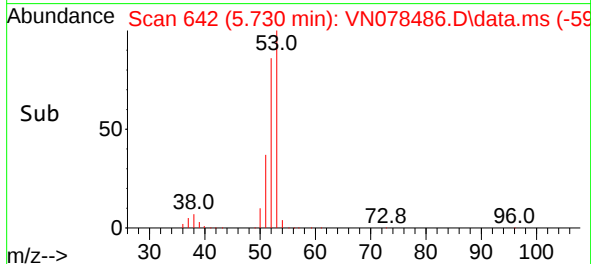
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



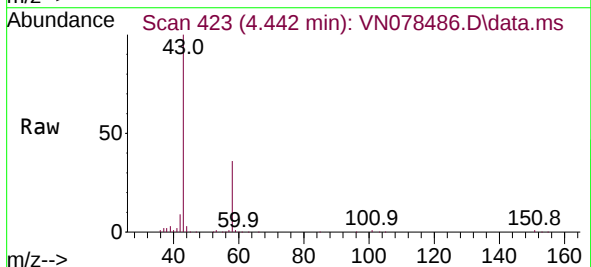
Tgt Ion: 53 Resp: 626160  
Ion Ratio Lower Upper  
53 100  
52 83.3 65.3 97.9  
51 36.0 28.9 43.3

Manual Integrations  
APPROVED

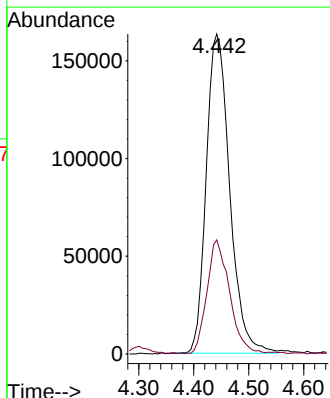
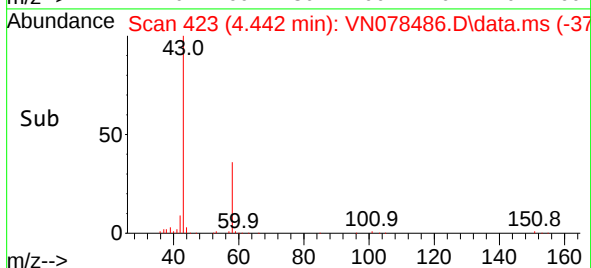
Reviewed By :John Carlone 07/13/2023  
Supervised By :Mahesh Dadoda 07/13/2023

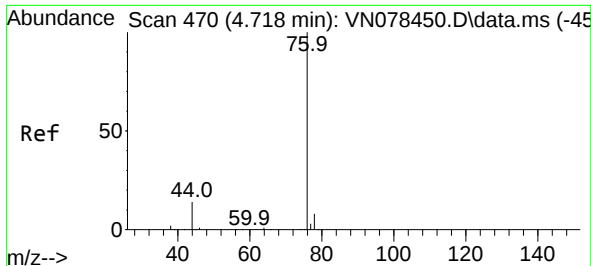


#16  
Acetone  
Concen: 372.408 ug/l  
RT: 4.442 min Scan# 423  
Delta R.T. -0.000 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22



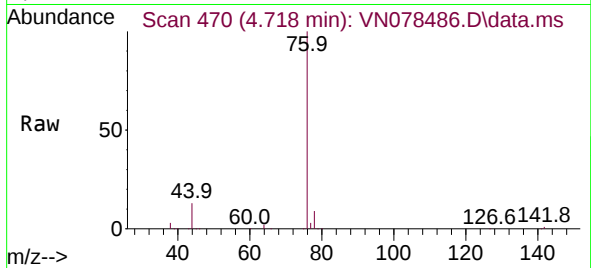
Tgt Ion: 43 Resp: 485085  
Ion Ratio Lower Upper  
43 100  
58 35.5 28.0 42.0





#17  
Carbon Disulfide  
Concen: 42.311 ug/l  
RT: 4.718 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

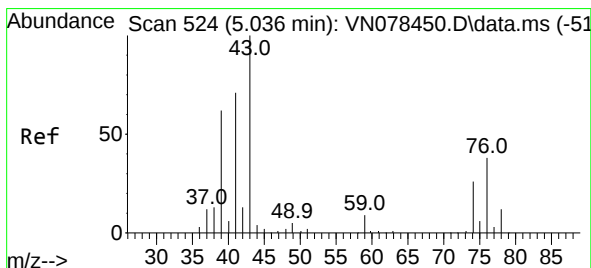
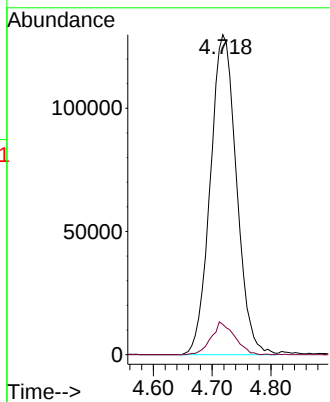
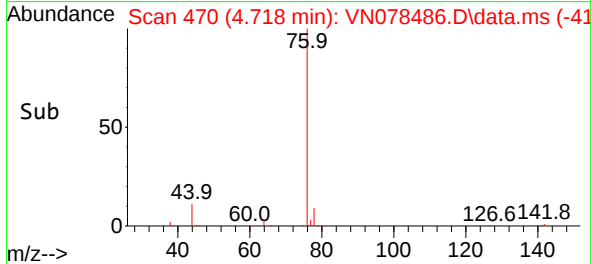
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



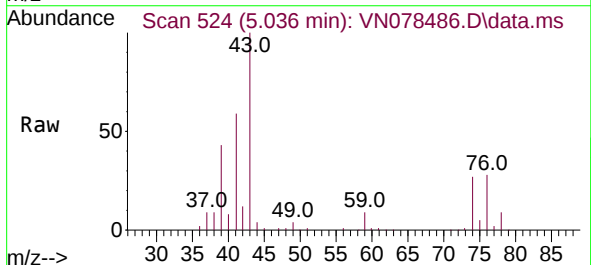
Tgt Ion: 76 Resp: 40268  
Ion Ratio Lower Upper  
76 100  
78 9.5 7.4 11.0

Manual Integrations  
APPROVED

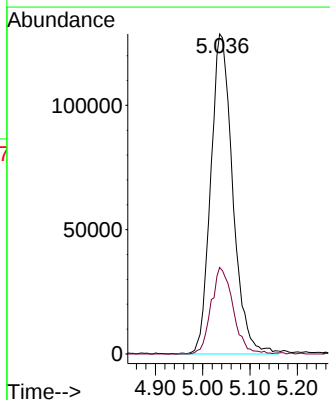
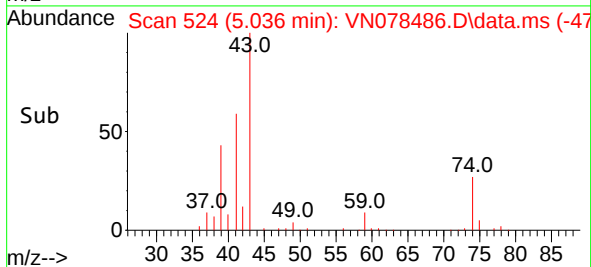
Reviewed By :John Carlone 07/13/2023  
Supervised By :Mahesh Dadoda 07/13/2023

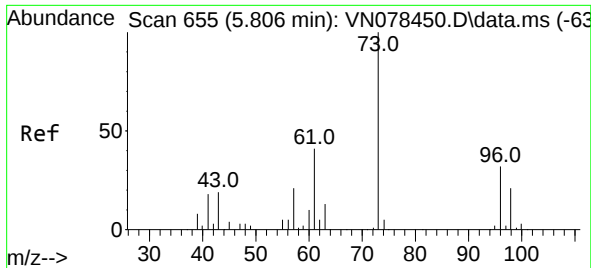


#18  
Methyl Acetate  
Concen: 75.336 ug/l  
RT: 5.036 min Scan# 524  
Delta R.T. -0.000 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22



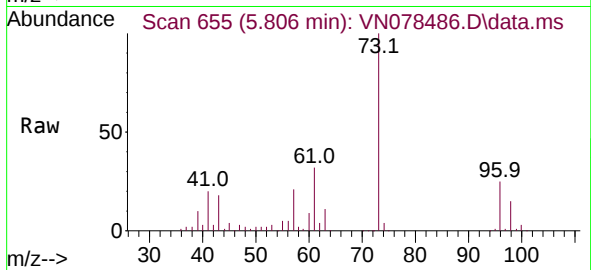
Tgt Ion: 43 Resp: 415401  
Ion Ratio Lower Upper  
43 100  
74 26.9 26.2 39.4





#19  
Methyl tert-butyl Ether  
Concen: 72.622 ug/l  
RT: 5.806 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

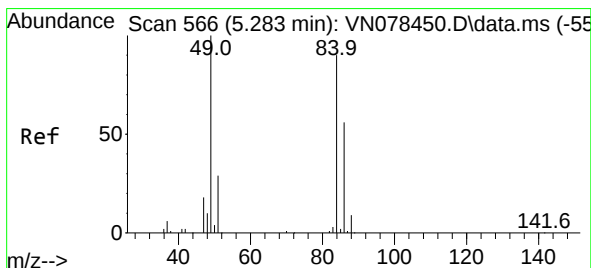
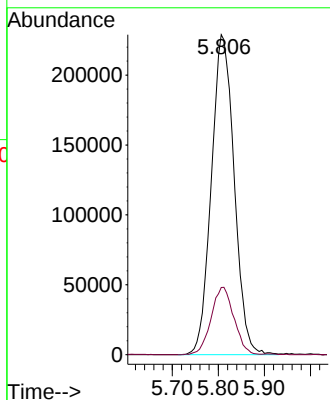
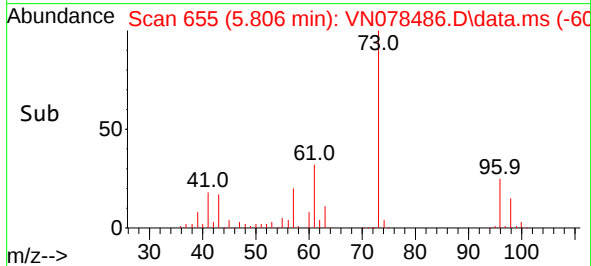
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 73 Resp: 78752  
Ion Ratio Lower Upper  
73 100  
57 21.0 15.6 23.4

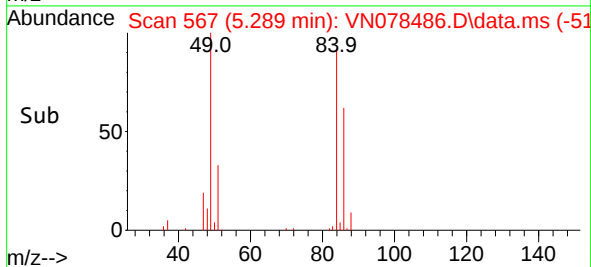
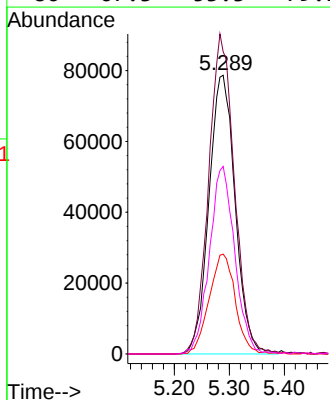
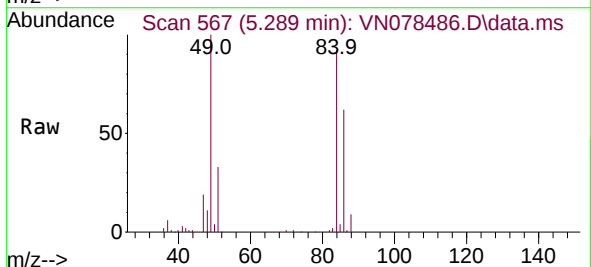
Manual Integrations  
APPROVED

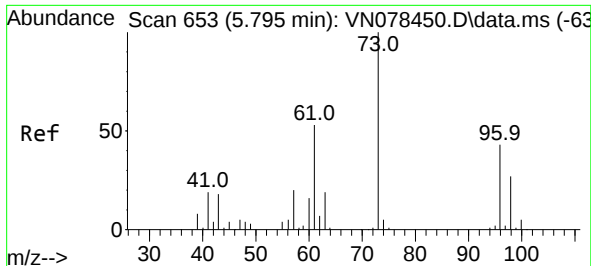
Reviewed By :John Carlone 07/13/2023  
Supervised By :Mahesh Dadoda 07/13/2023



#20  
Methylene Chloride  
Concen: 70.235 ug/l  
RT: 5.289 min Scan# 567  
Delta R.T. 0.006 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

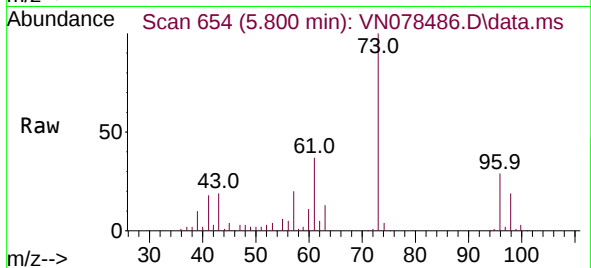
Tgt Ion: 84 Resp: 260567  
Ion Ratio Lower Upper  
84 100  
49 108.2 79.7 119.5  
51 35.8 25.2 37.8  
86 67.3 53.3 79.9





#21  
trans-1,2-Dichloroethene  
Concen: 51.842 ug/l  
RT: 5.800 min Scan# 61  
Delta R.T. 0.005 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

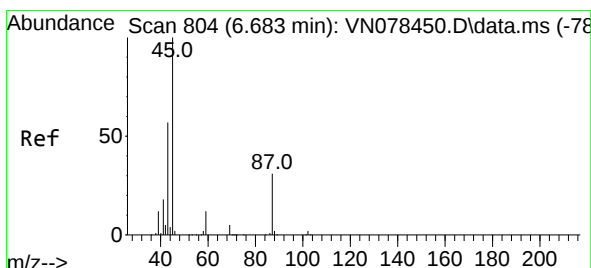
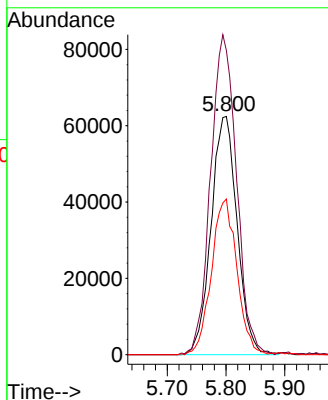
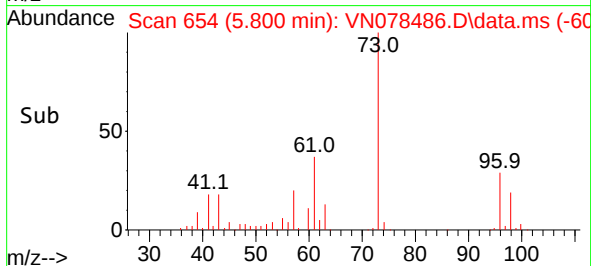
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 96 Resp: 19227  
Ion Ratio Lower Upper  
96 100  
61 127.7 90.1 135.1  
98 65.3 46.4 69.6

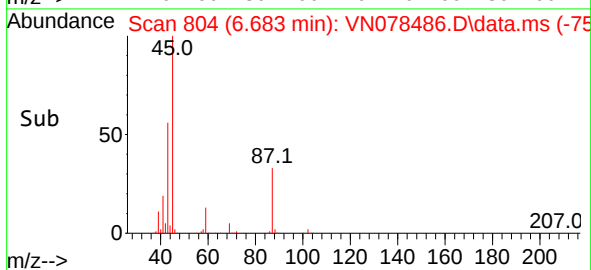
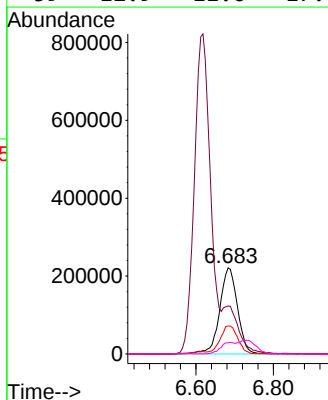
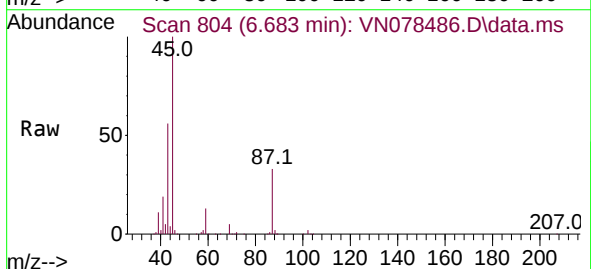
Manual Integrations  
APPROVED

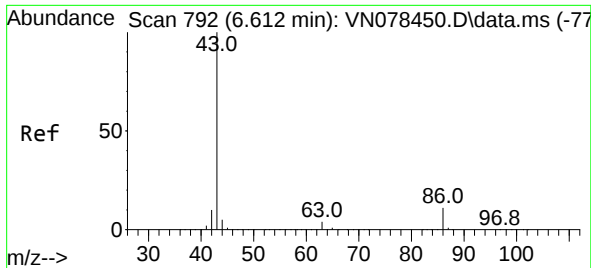
Reviewed By :John Carlone 07/13/2023  
Supervised By :Mahesh Dadoda 07/13/2023



#22  
Diisopropyl ether  
Concen: 70.071 ug/l  
RT: 6.683 min Scan# 804  
Delta R.T. -0.000 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

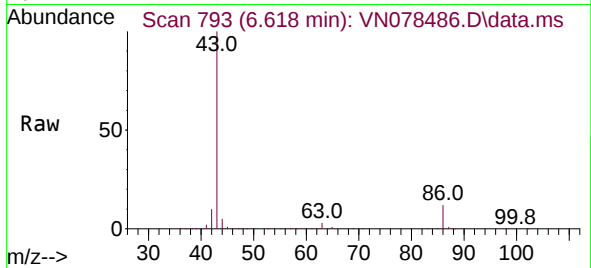
Tgt Ion: 45 Resp: 705630  
Ion Ratio Lower Upper  
45 100  
43 55.3 45.5 68.3  
87 32.5 31.8 47.8  
59 12.9 11.6 17.4





#23  
 Vinyl Acetate  
 Concen: 371.541 ug/l  
 RT: 6.618 min Scan# 792  
 Delta R.T. 0.006 min  
 Lab File: VN078486.D  
 Acq: 12 Jul 2023 18:22

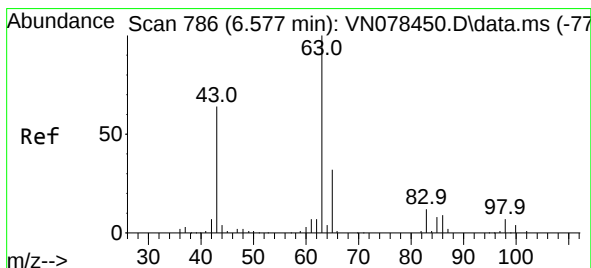
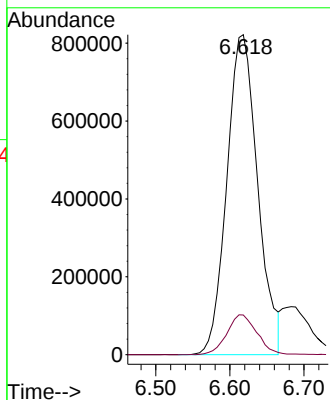
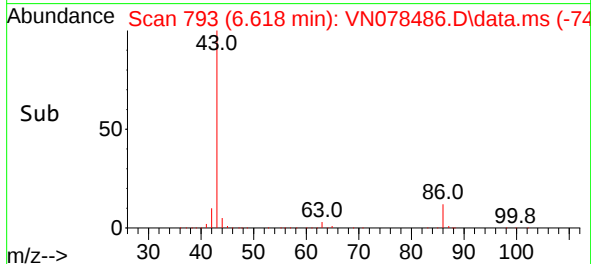
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC



Tgt Ion: 43 Resp: 2378609  
 Ion Ratio Lower Upper  
 43 100  
 86 12.4 13.0 19.6

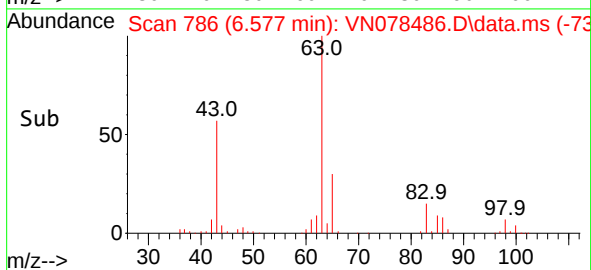
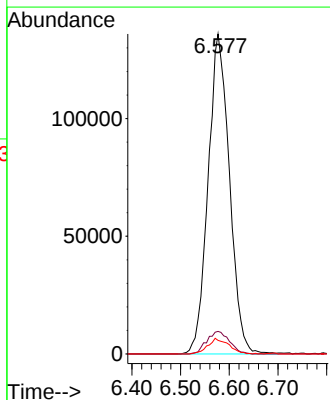
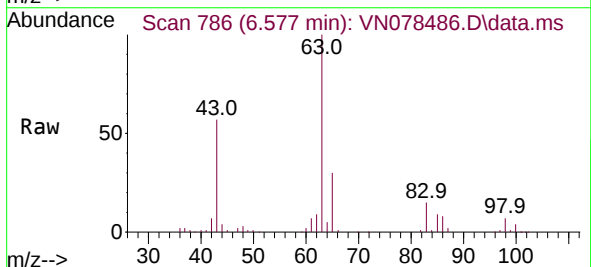
Manual Integrations  
 APPROVED

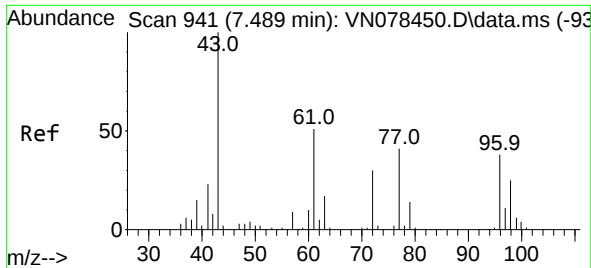
Reviewed By :John Carlone 07/13/2023  
 Supervised By :Mahesh Dadoda 07/13/2023



#24  
 1,1-Dichloroethane  
 Concen: 60.978 ug/l  
 RT: 6.577 min Scan# 786  
 Delta R.T. -0.000 min  
 Lab File: VN078486.D  
 Acq: 12 Jul 2023 18:22

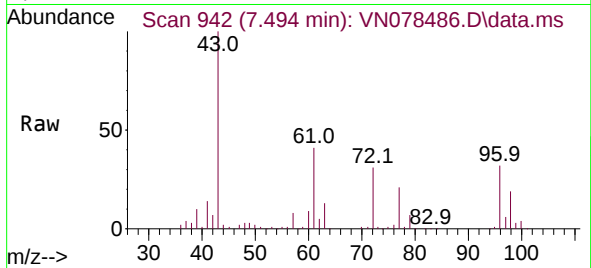
Tgt Ion: 63 Resp: 413776  
 Ion Ratio Lower Upper  
 63 100  
 98 7.0 3.9 11.7  
 100 4.3 2.5 7.4





#25  
2-Butanone  
Concen: 391.458 ug/l  
RT: 7.494 min Scan# 941  
Delta R.T. 0.005 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

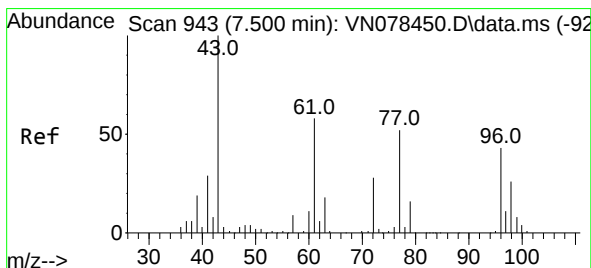
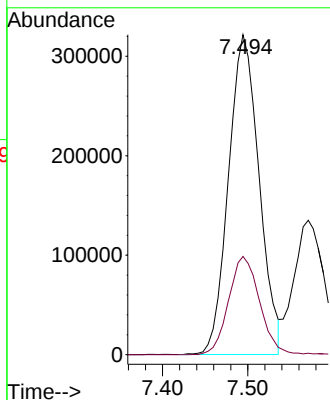
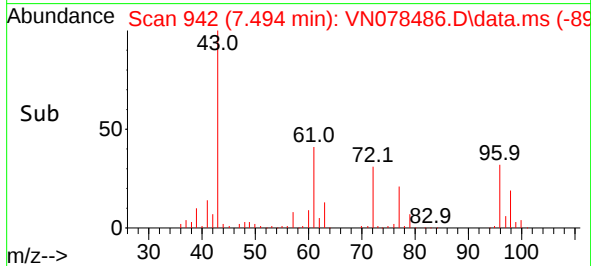
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 43 Resp: 802649  
Ion Ratio Lower Upper  
43 100  
72 30.7 30.2 45.2

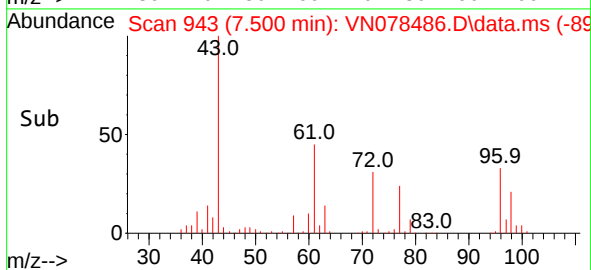
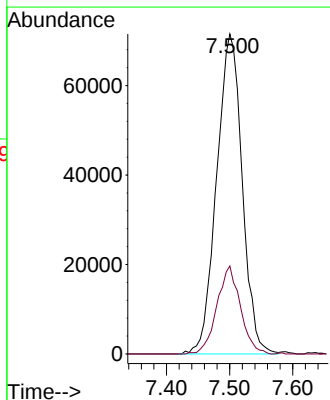
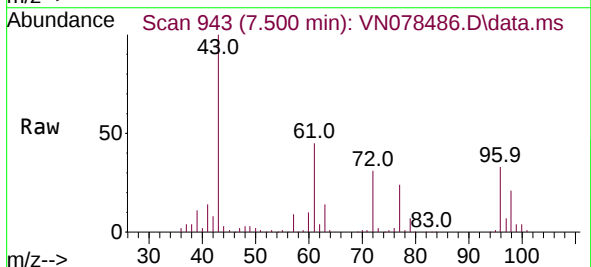
Manual Integrations  
APPROVED

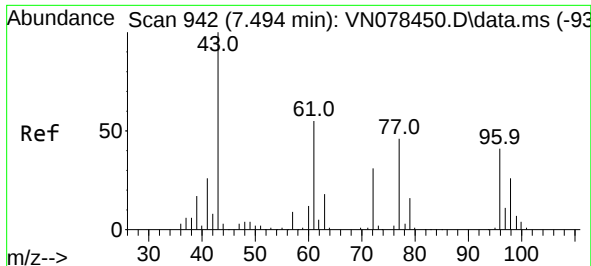
Reviewed By :John Carlone 07/13/2023  
Supervised By :Mahesh Dadoda 07/13/2023



#26  
2,2-Dichloropropane  
Concen: 36.194 ug/l  
RT: 7.500 min Scan# 943  
Delta R.T. 0.000 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

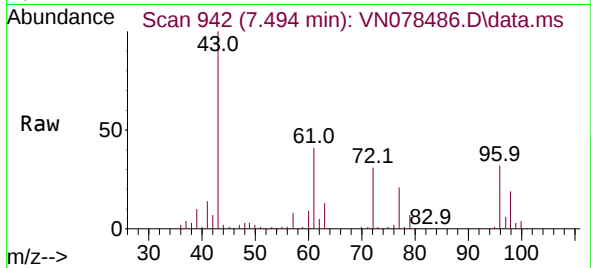
Tgt Ion: 77 Resp: 200874  
Ion Ratio Lower Upper  
77 100  
97 25.3 11.2 33.6





#27  
 cis-1,2-Dichloroethene  
 Concen: 62.166 ug/l  
 RT: 7.494 min Scan# 942  
 Delta R.T. 0.000 min  
 Lab File: VN078486.D  
 Acq: 12 Jul 2023 18:22

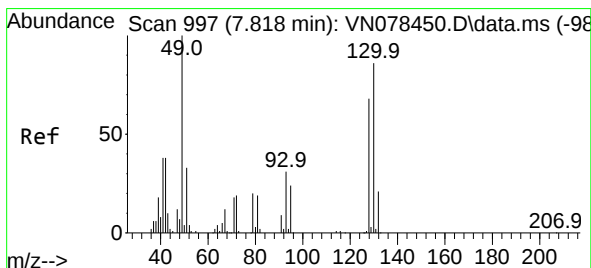
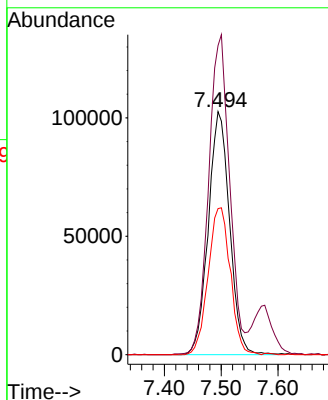
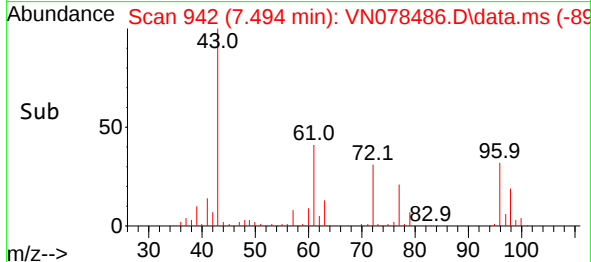
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC



Tgt Ion: 96 Resp: 266728  
 Ion Ratio Lower Upper  
 96 100  
 61 129.9 0.0 255.2  
 98 62.9 0.0 128.8

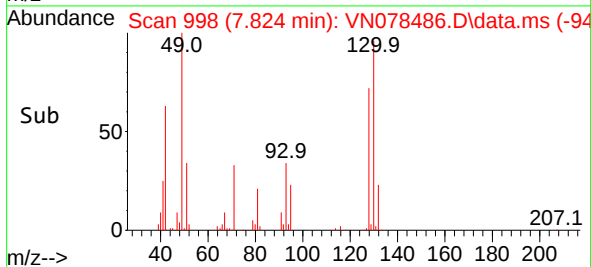
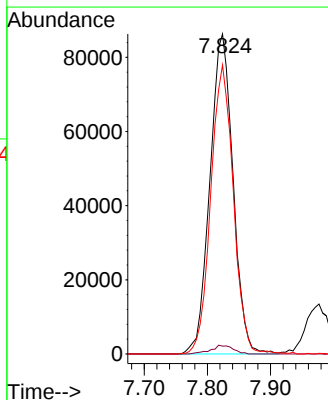
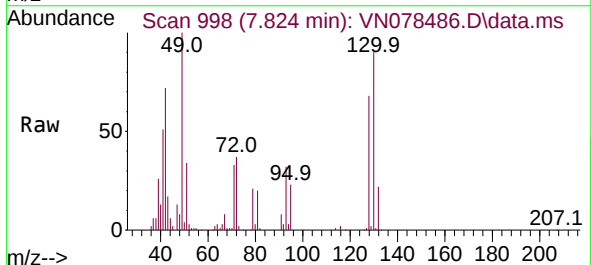
Manual Integrations  
 APPROVED

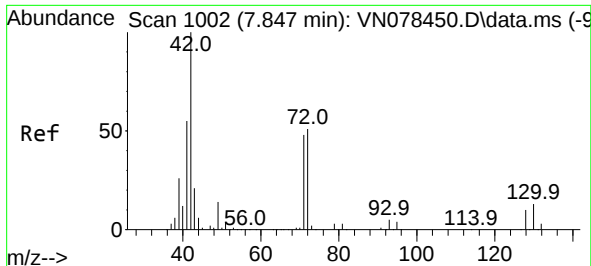
Reviewed By :John Carlone 07/13/2023  
 Supervised By :Mahesh Dadoda 07/13/2023



#28  
 Bromochloromethane  
 Concen: 68.614 ug/l  
 RT: 7.824 min Scan# 998  
 Delta R.T. 0.006 min  
 Lab File: VN078486.D  
 Acq: 12 Jul 2023 18:22

Tgt Ion: 49 Resp: 219295  
 Ion Ratio Lower Upper  
 49 100  
 129 2.6 0.0 4.8  
 130 88.4 75.3 112.9





#29

Tetrahydrofuran

Concen: 391.025 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078486.D

Acq: 12 Jul 2023 18:22

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 526090

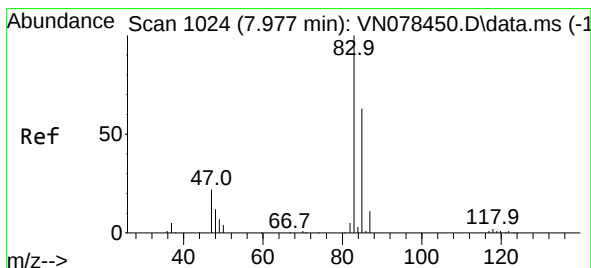
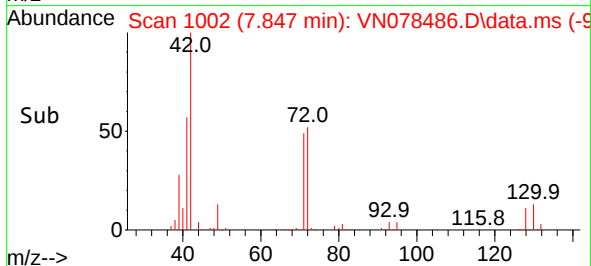
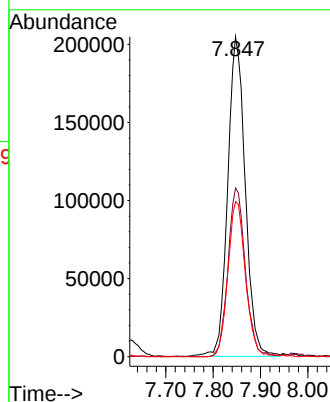
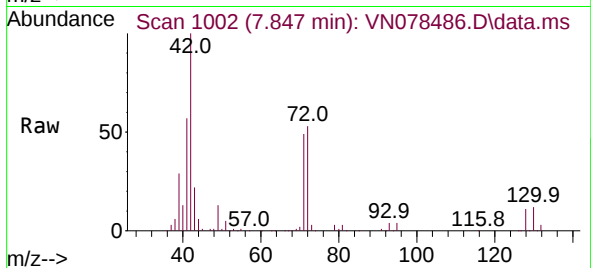
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 52.3  | 49.8  | 74.6  |
| 71  | 48.8  | 47.4  | 71.2  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2023

Supervised By :Mahesh Dadoda 07/13/2023



#30

Chloroform

Concen: 64.145 ug/l

RT: 7.977 min Scan# 1024

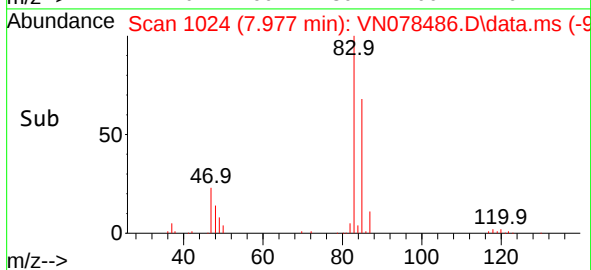
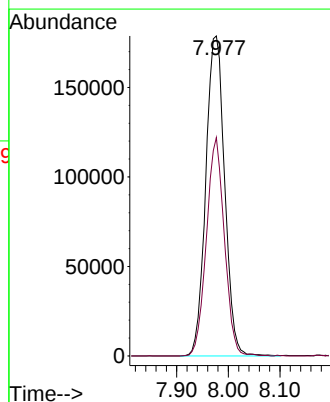
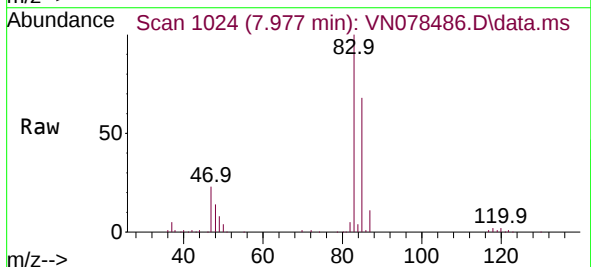
Delta R.T. -0.000 min

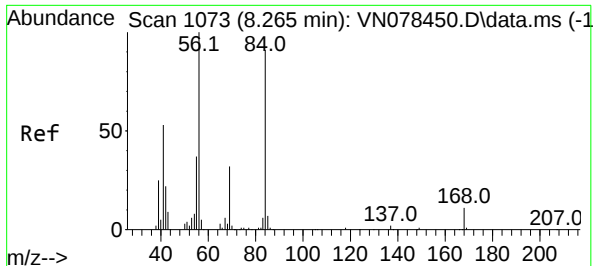
Lab File: VN078486.D

Acq: 12 Jul 2023 18:22

Tgt Ion: 83 Resp: 453155

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 68.3  | 55.4  | 83.0  |





#31

Cyclohexane

Concen: 34.682 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.000 min

Lab File: VN078486.D

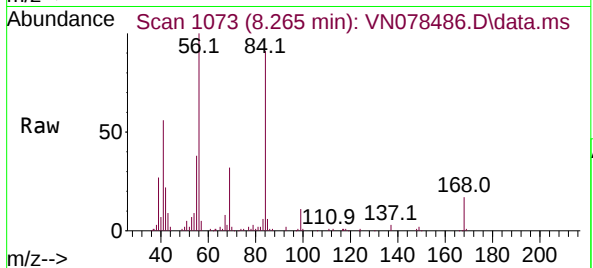
Acq: 12 Jul 2023 18:22

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 56 Resp: 19599

Ion Ratio Lower Upper

56 100

69 32.2 26.8 40.2

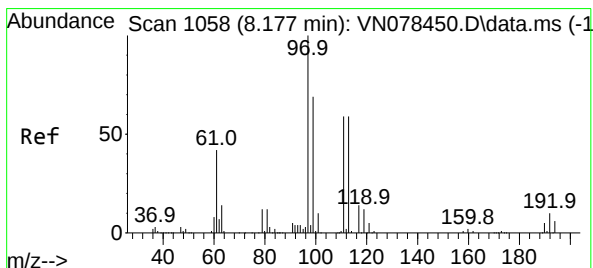
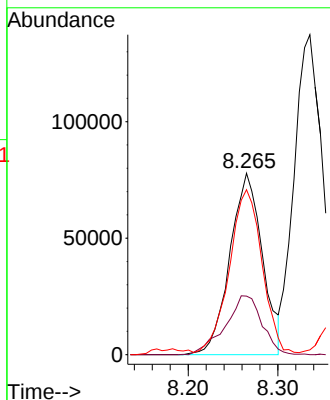
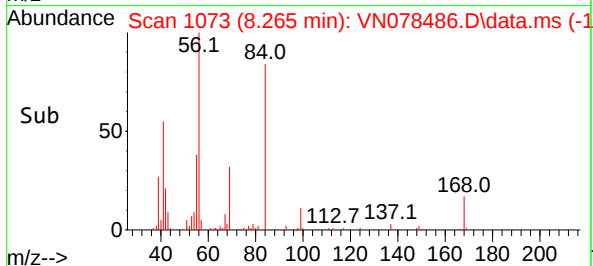
84 88.6 81.8 122.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2023

Supervised By :Mahesh Dadoda 07/13/2023



#32

1,1,1-Trichloroethane

Concen: 51.146 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078486.D

Acq: 12 Jul 2023 18:22

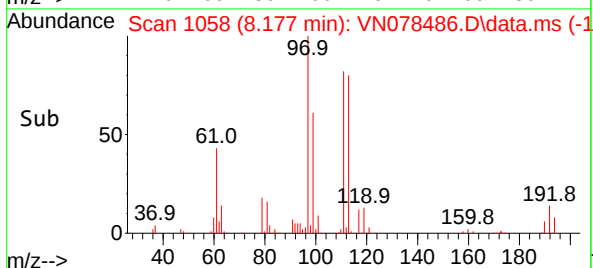
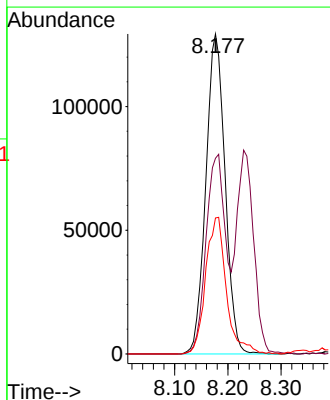
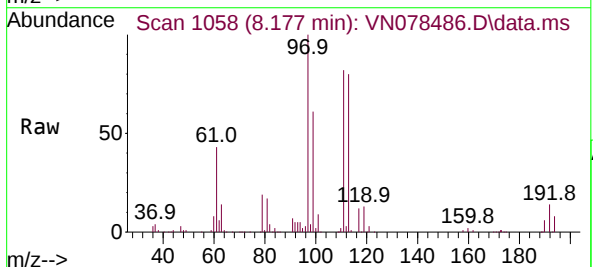
Tgt Ion: 97 Resp: 323952

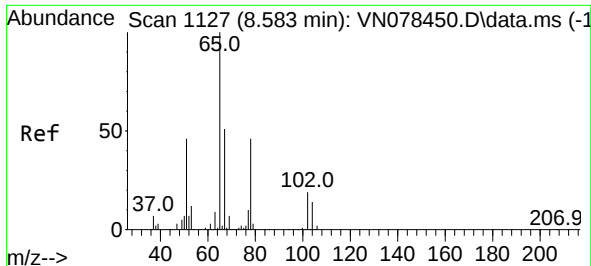
Ion Ratio Lower Upper

97 100

99 64.1 50.3 75.5

61 46.2 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 70.070 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078486.D

Acq: 12 Jul 2023 18:22

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 29300

Ion Ratio Lower Upper

65 100

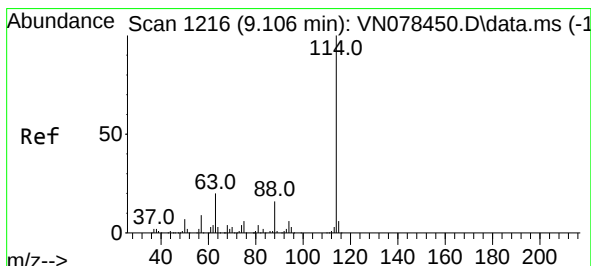
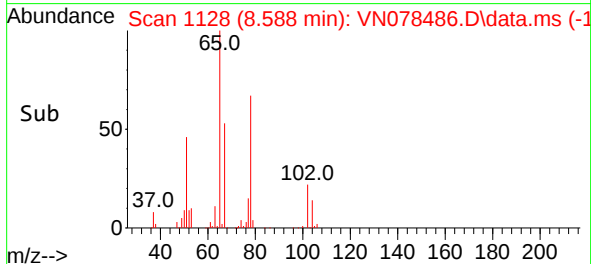
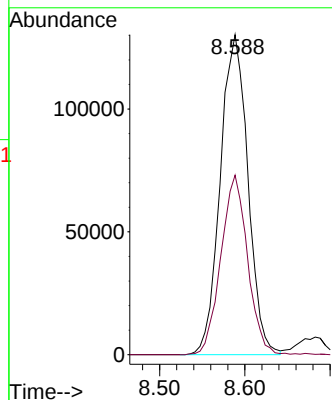
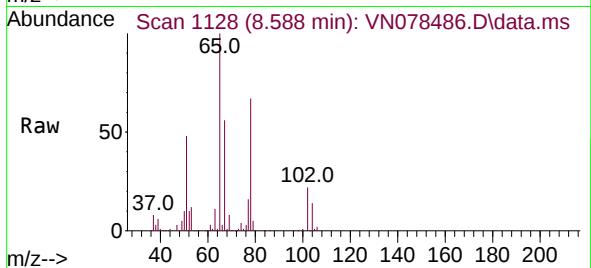
67 54.3 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2023

Supervised By :Mahesh Dadoda 07/13/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078486.D

Acq: 12 Jul 2023 18:22

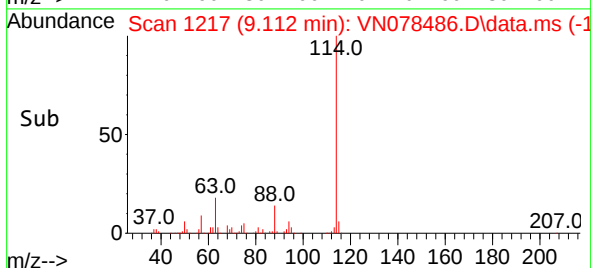
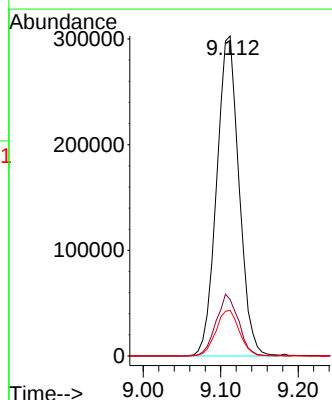
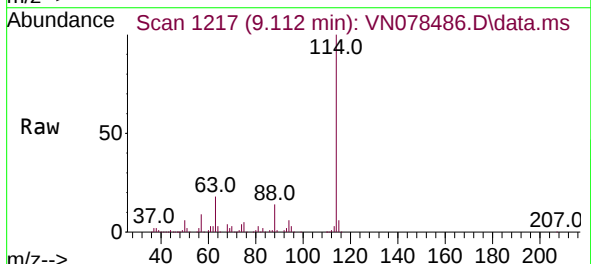
Tgt Ion:114 Resp: 608192

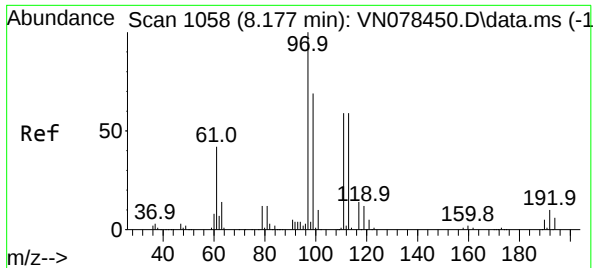
Ion Ratio Lower Upper

114 100

63 17.6 0.0 36.4

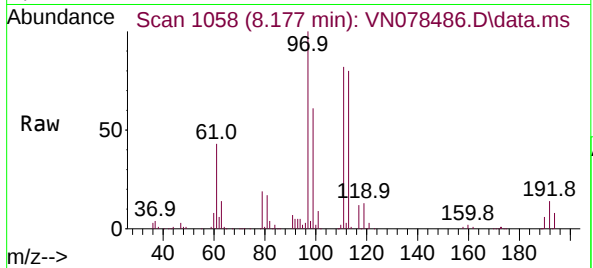
88 14.3 0.0 30.6





#35  
Dibromofluoromethane  
Concen: 59.720 ug/l  
RT: 8.177 min Scan# 1058  
Delta R.T. -0.000 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

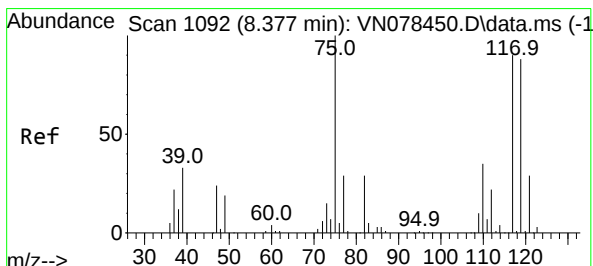
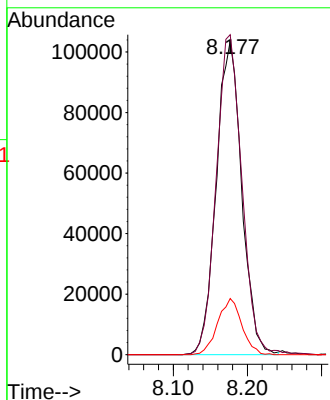
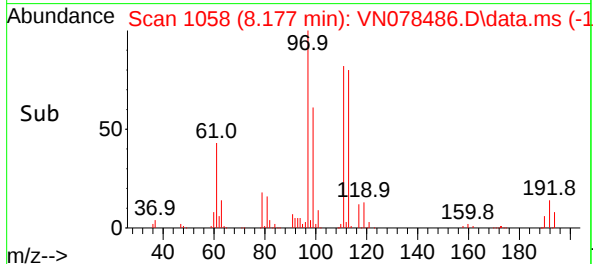
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



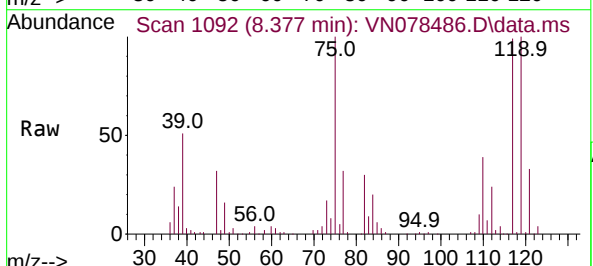
Tgt Ion: 113 Resp: 246560  
Ion Ratio Lower Upper  
113 100  
111 103.1 82.6 123.8  
192 17.0 12.7 19.1

Manual Integrations  
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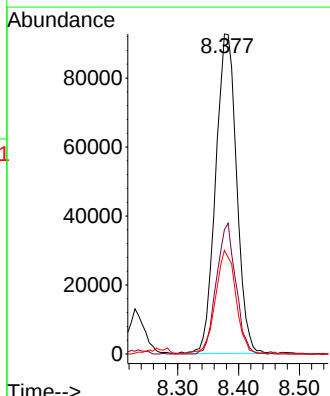
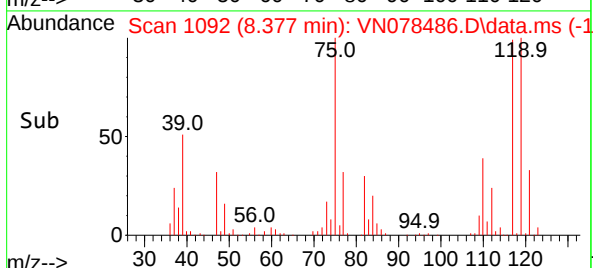
Reviewed By :John Carlone 07/13/2023  
Supervised By :Mahesh Dadoda 07/13/2023



#36  
1,1-Dichloropropene  
Concen: 37.260 ug/l  
RT: 8.377 min Scan# 1092  
Delta R.T. -0.000 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22



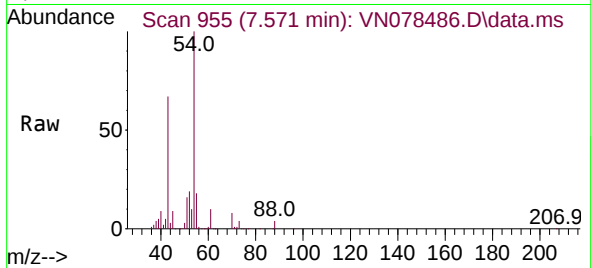
Tgt Ion: 75 Resp: 222120  
Ion Ratio Lower Upper  
75 100  
110 37.8 19.1 57.3  
77 31.7 25.0 37.4





#37  
Ethyl Acetate  
Concen: 70.229 ug/l  
RT: 7.571 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

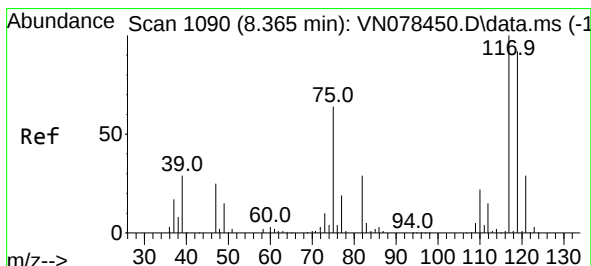
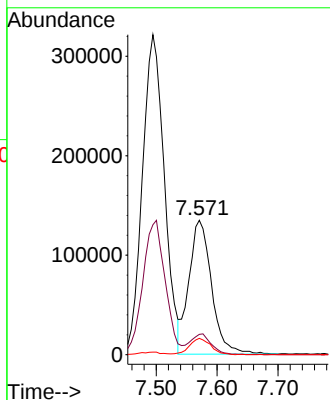
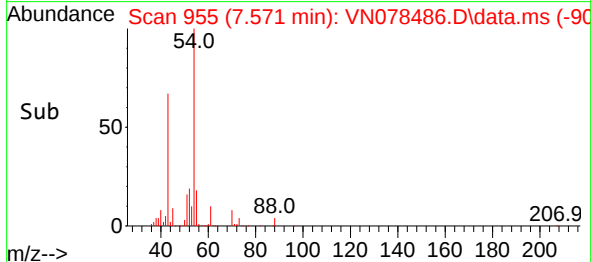
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 43 Resp: 348997  
Ion Ratio Lower Upper  
43 100  
61 14.8 13.2 19.8  
70 11.4 11.3 16.9

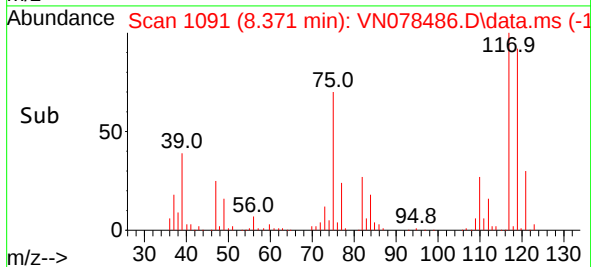
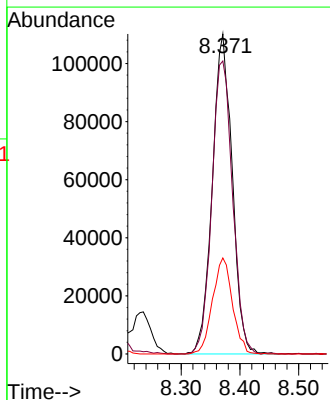
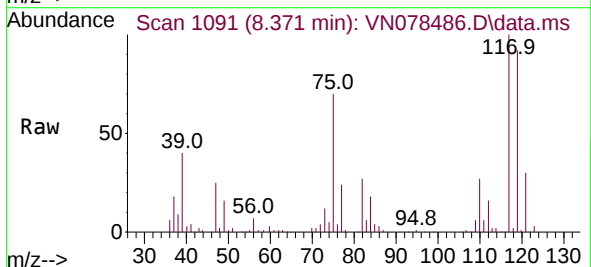
Manual Integrations  
APPROVED

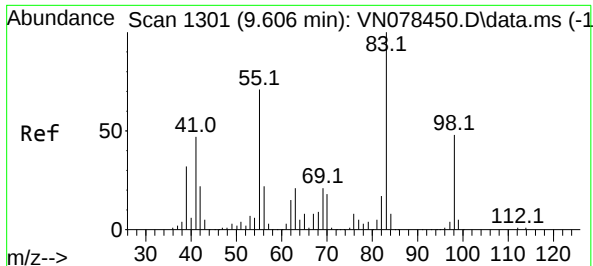
Reviewed By :John Carlone 07/13/2023  
Supervised By :Mahesh Dadoda 07/13/2023



#38  
Carbon Tetrachloride  
Concen: 39.904 ug/l  
RT: 8.371 min Scan# 1091  
Delta R.T. 0.006 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

Tgt Ion:117 Resp: 258541  
Ion Ratio Lower Upper  
117 100  
119 91.6 77.3 115.9  
121 30.0 23.3 34.9





#39

Methylcyclohexane

Concen: 31.931 ug/l

RT: 9.612 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN078486.D

Acq: 12 Jul 2023 18:22

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

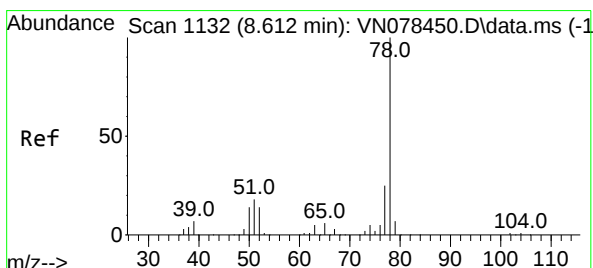
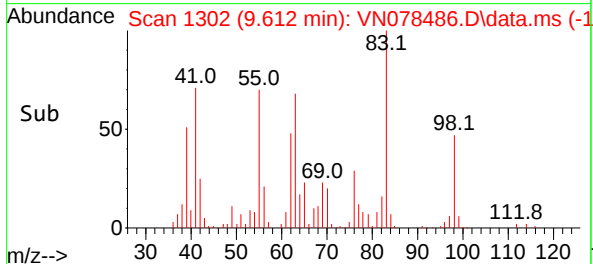
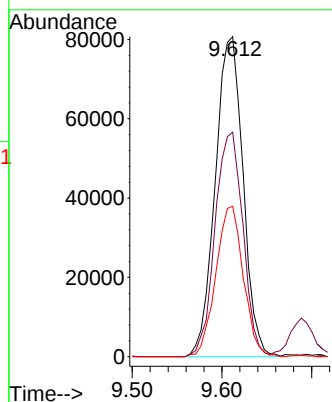
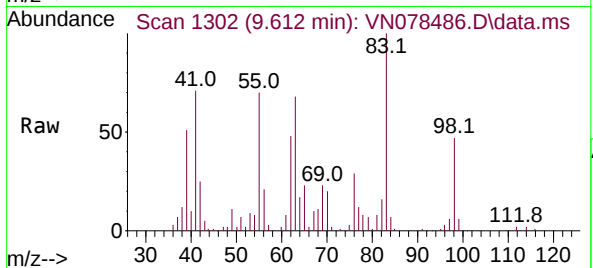
Tgt Ion: 83 Resp: 17375  
 Ion Ratio Lower Upper  
 83 100  
 55 70.1 49.1 73.7  
 98 47.0 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2023

Supervised By :Mahesh Dadoda 07/13/2023



#40

Benzene

Concen: 52.003 ug/l

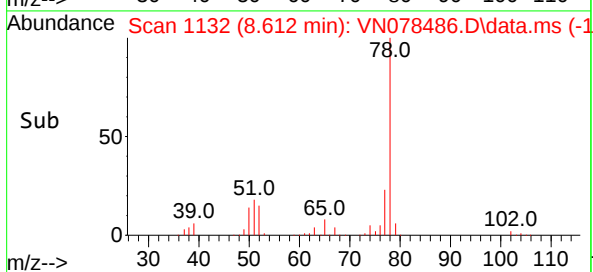
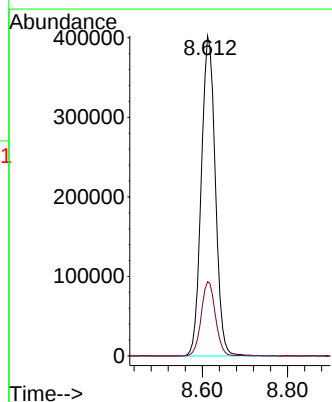
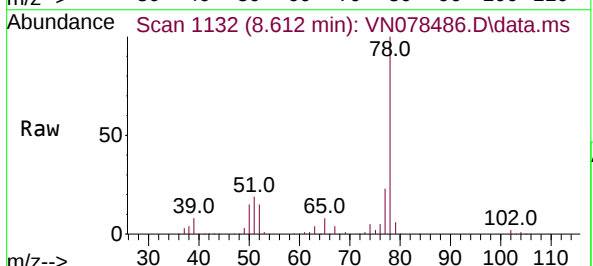
RT: 8.612 min Scan# 1132

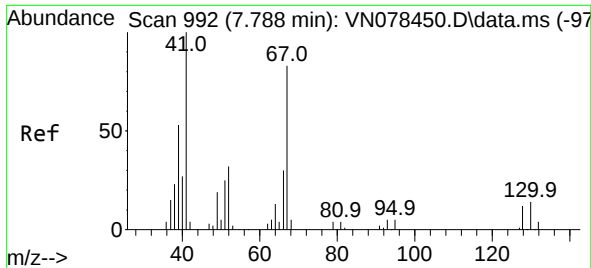
Delta R.T. 0.000 min

Lab File: VN078486.D

Acq: 12 Jul 2023 18:22

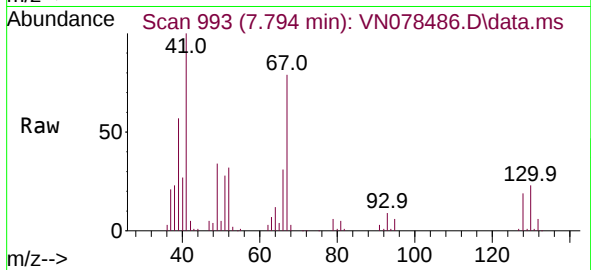
Tgt Ion: 78 Resp: 918421  
 Ion Ratio Lower Upper  
 78 100  
 77 23.2 19.0 28.6





#41  
Methacrylonitrile  
Concen: 70.380 ug/l  
RT: 7.794 min Scan# 992  
Delta R.T. 0.006 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

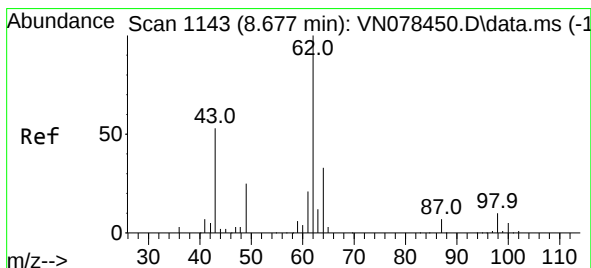
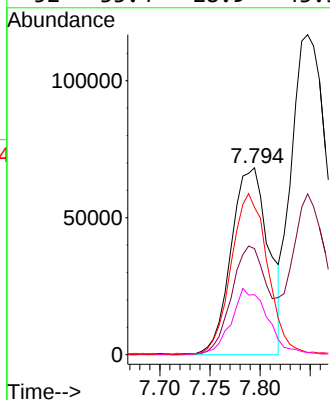
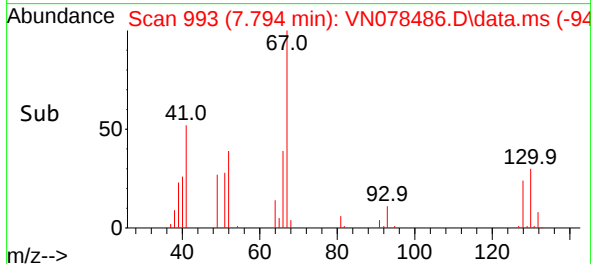
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 41 Resp: 178297  
Ion Ratio Lower Upper  
41 100  
39 53.9 42.6 64.0  
67 84.0 77.5 116.3  
52 33.4 28.9 43.3

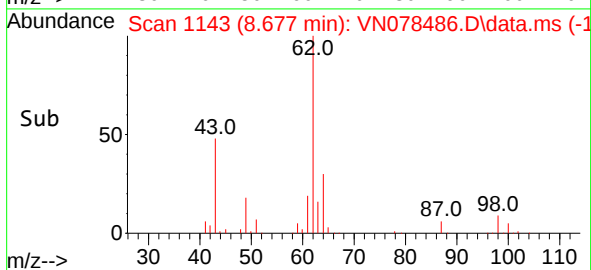
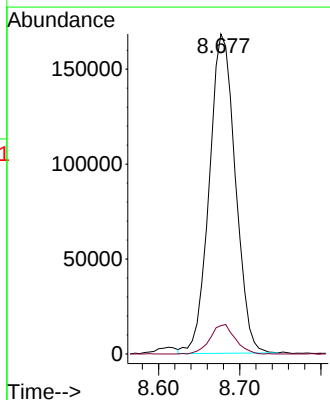
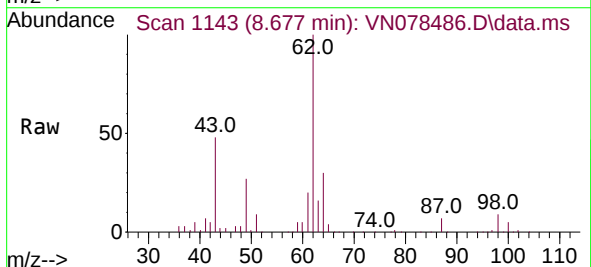
Manual Integrations  
APPROVED

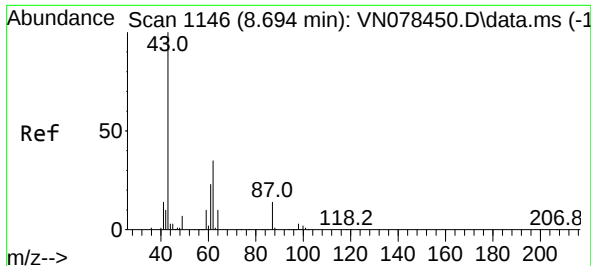
Reviewed By :John Carlone 07/13/2023  
Supervised By :Mahesh Dadoda 07/13/2023



#42  
1,2-Dichloroethane  
Concen: 62.545 ug/l  
RT: 8.677 min Scan# 1143  
Delta R.T. -0.000 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

Tgt Ion: 62 Resp: 375717  
Ion Ratio Lower Upper  
62 100  
98 8.9 0.0 19.8





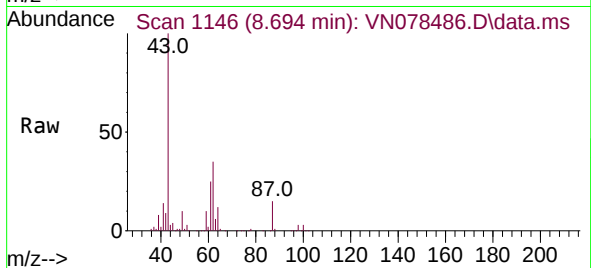
#43  
Isopropyl Acetate  
Concen: 68.095 ug/l  
RT: 8.694 min Scan# 1146  
Delta R.T. 0.000 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

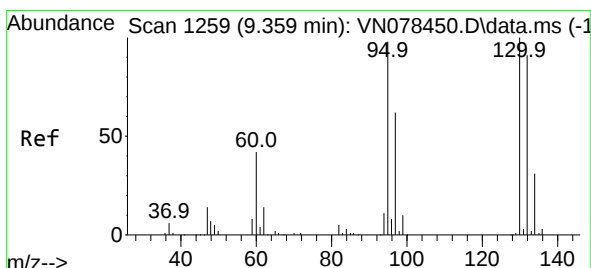
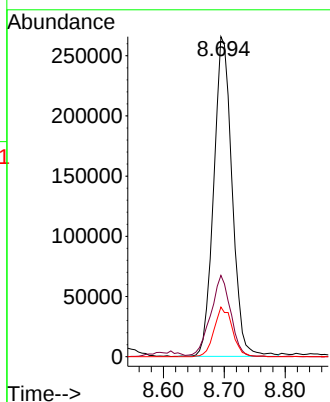
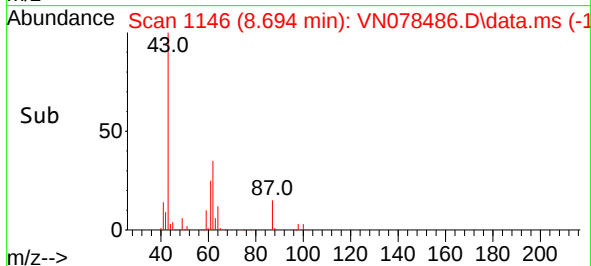


Tgt Ion: 43 Resp: 557130  
Ion Ratio Lower Upper  
43 100  
61 27.6 24.7 37.1  
87 15.5 14.6 21.8

Manual Integrations  
APPROVED

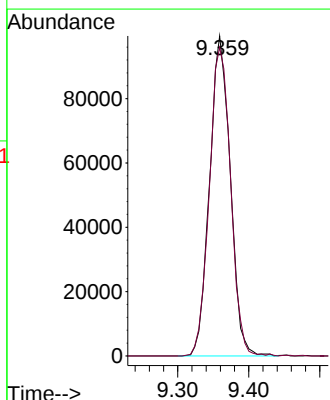
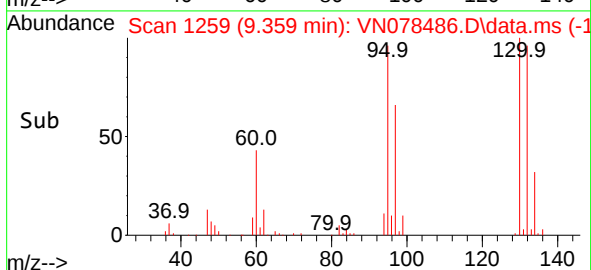
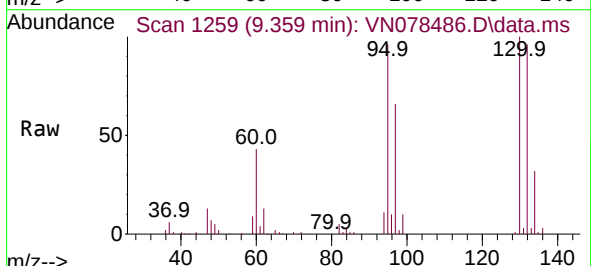
Reviewed By :John Carlone 07/13/2023

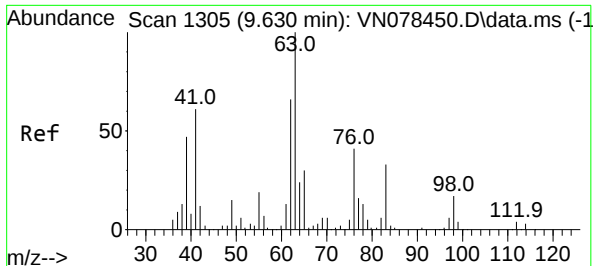
Supervised By :Mahesh Dadoda 07/13/2023



#44  
Trichloroethene  
Concen: 42.279 ug/l  
RT: 9.359 min Scan# 1259  
Delta R.T. 0.000 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

Tgt Ion:130 Resp: 201244  
Ion Ratio Lower Upper  
130 100  
95 96.4 0.0 204.6





#45

1,2-Dichloropropane

Concen: 57.546 ug/l

RT: 9.630 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VN078486.D

Acq: 12 Jul 2023 18:22

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 25740

Ion Ratio Lower Upper

63 100

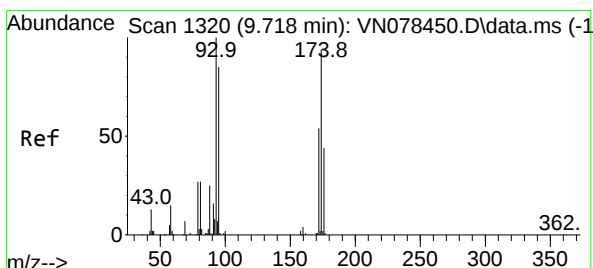
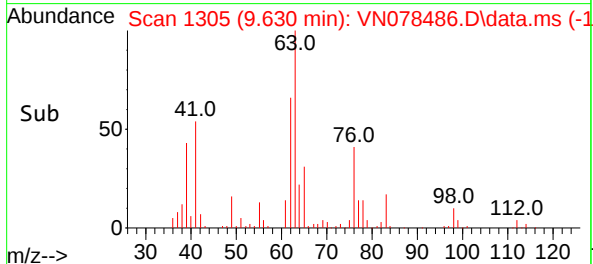
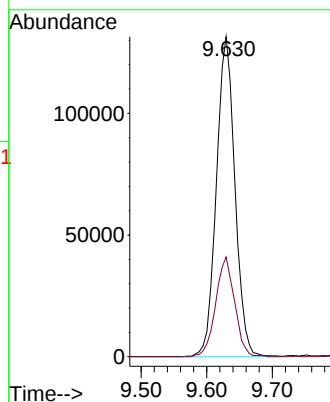
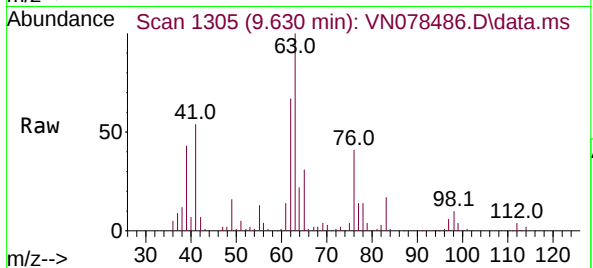
65 31.2 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2023

Supervised By :Mahesh Dadoda 07/13/2023



#46

Dibromomethane

Concen: 63.046 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VN078486.D

Acq: 12 Jul 2023 18:22

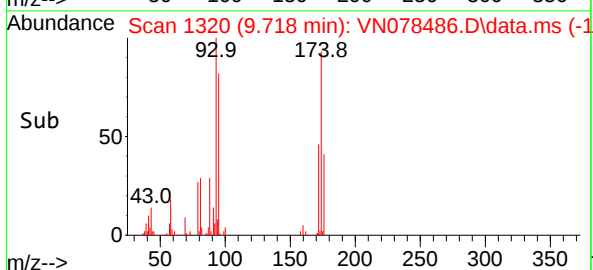
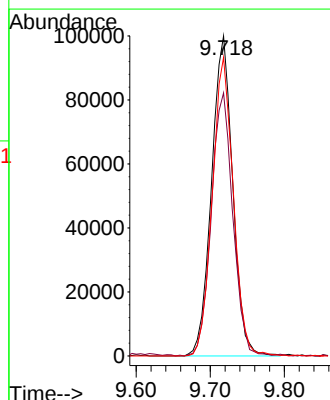
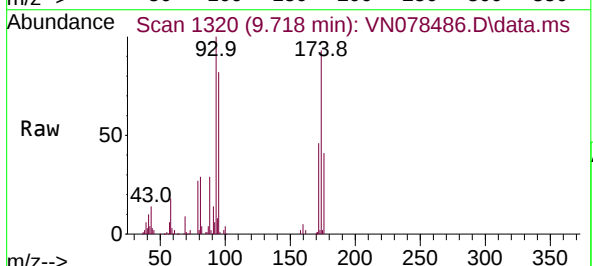
Tgt Ion: 93 Resp: 198485

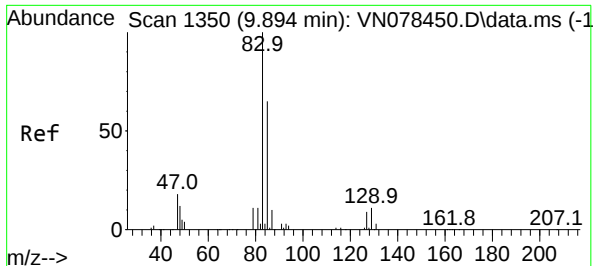
Ion Ratio Lower Upper

93 100

95 83.6 63.8 95.8

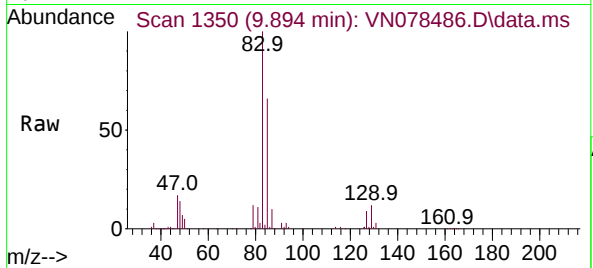
174 92.6 65.6 98.4





#47  
Bromodichloromethane  
Concen: 58.295 ug/l  
RT: 9.894 min Scan# 1350  
Delta R.T. 0.000 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

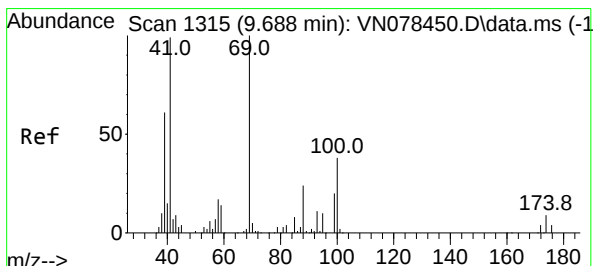
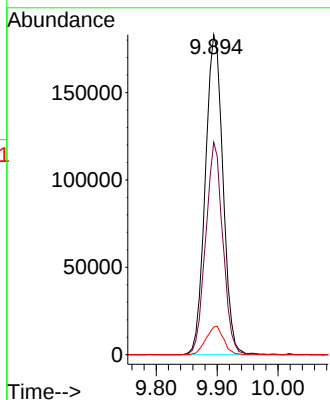
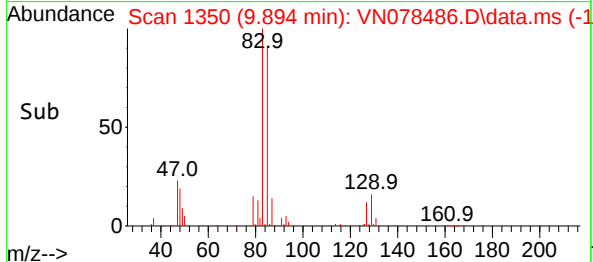
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



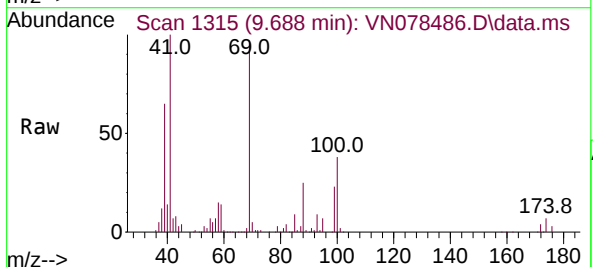
Tgt Ion: 83 Resp: 367890  
Ion Ratio Lower Upper  
83 100  
85 66.4 49.6 74.4  
127 8.6 7.0 10.6

Manual Integrations  
APPROVED

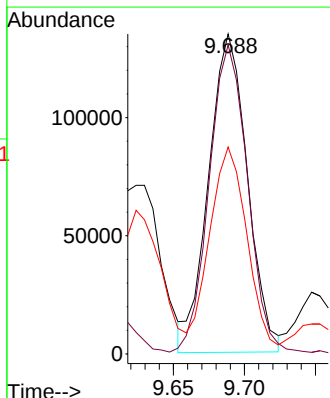
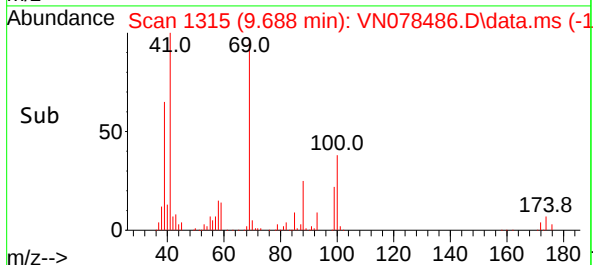
Reviewed By :John Carlone 07/13/2023  
Supervised By :Mahesh Dadoda 07/13/2023

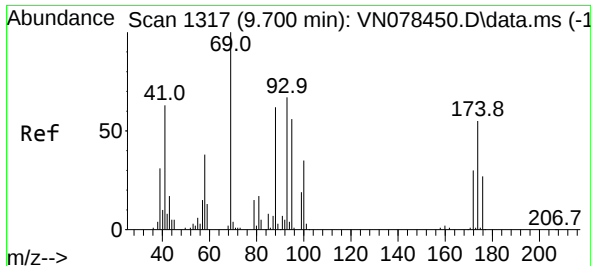


#48  
Methyl methacrylate  
Concen: 67.583 ug/l  
RT: 9.688 min Scan# 1315  
Delta R.T. 0.000 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22



Tgt Ion: 41 Resp: 256170  
Ion Ratio Lower Upper  
41 100  
69 95.2 90.4 135.6  
39 62.7 54.6 81.8





#49

1,4-Dioxane

Concen: 1389.481 ug/l

RT: 9.700 min Scan# 11485

Delta R.T. 0.000 min

Lab File: VN078486.D

Acq: 12 Jul 2023 18:22

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

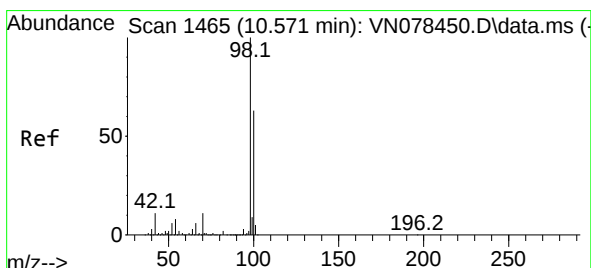
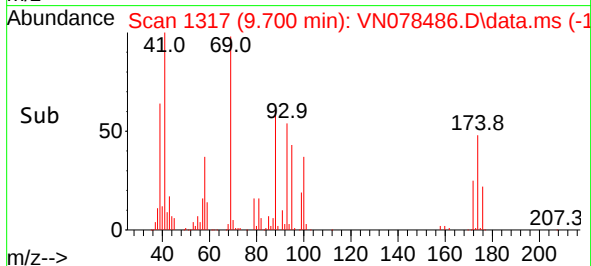
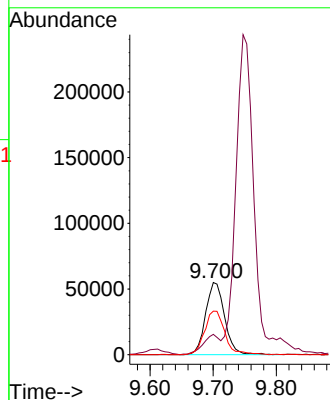
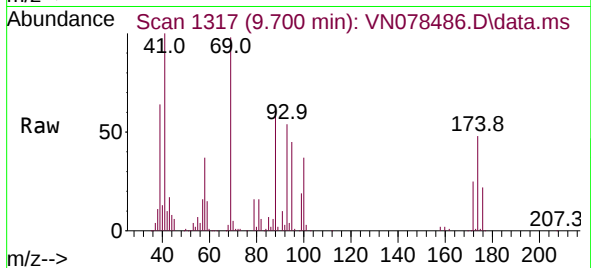
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 88    | Resp: | 11485 |
| Ion Ratio | Lower | Upper |       |
| 88        | 100   |       |       |
| 43        | 24.7  | 17.0  | 25.6  |
| 58        | 64.4  | 47.0  | 70.4  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2023

Supervised By :Mahesh Dadoda 07/13/2023



#50

Toluene-d8

Concen: 46.672 ug/l

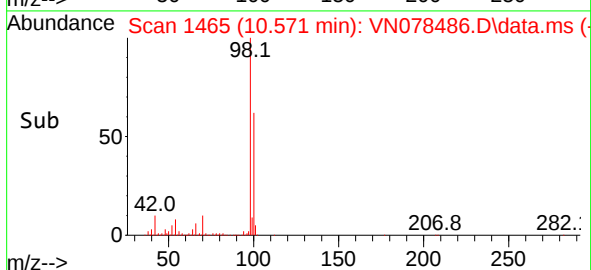
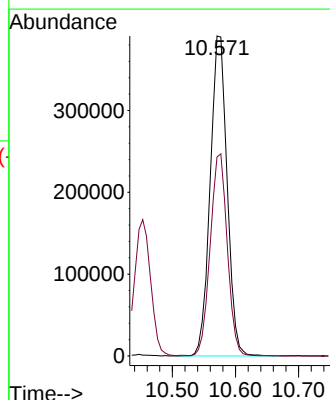
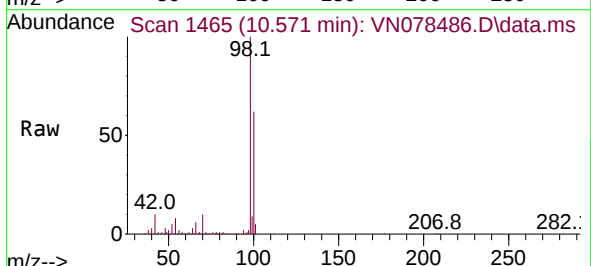
RT: 10.571 min Scan# 1465

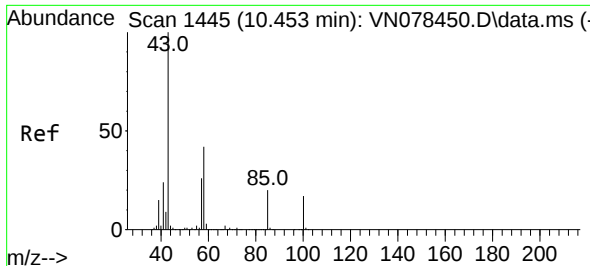
Delta R.T. -0.000 min

Lab File: VN078486.D

Acq: 12 Jul 2023 18:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 98    | Resp: | 727930 |
| Ion Ratio | Lower | Upper |        |
| 98        | 100   |       |        |
| 100       | 63.7  | 52.0  | 78.0   |





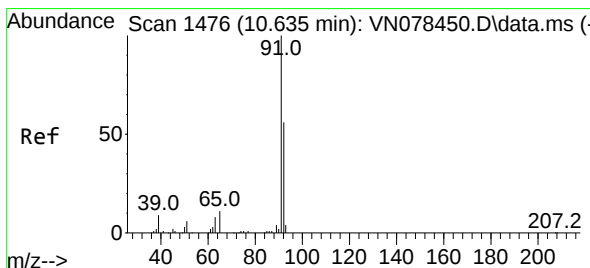
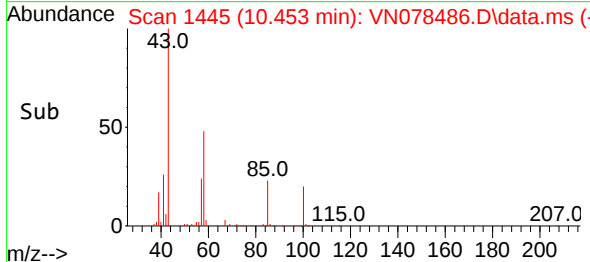
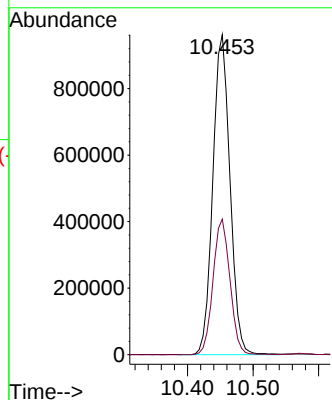
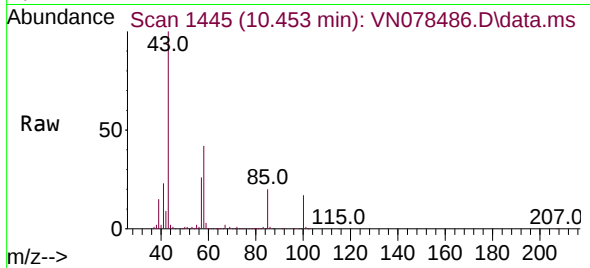
#51  
4-Methyl-2-Pentanone  
Concen: 358.416 ug/l  
RT: 10.453 min Scan# 1445  
Delta R.T. 0.000 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 43 Resp: 174423  
Ion Ratio Lower Upper  
43 100  
58 41.8 36.6 54.8

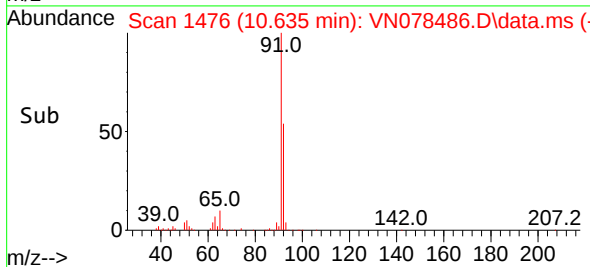
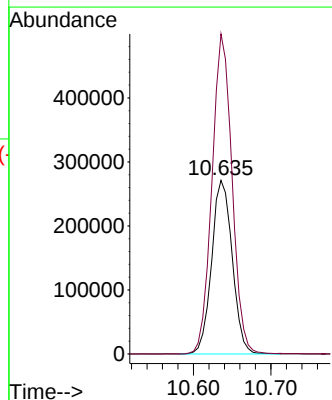
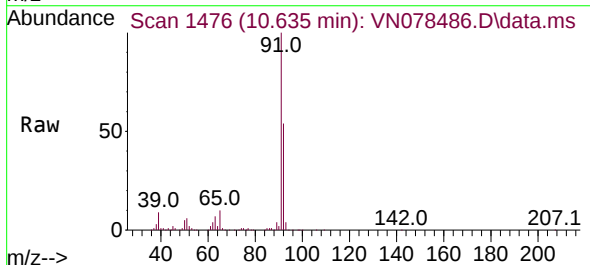
Manual Integrations  
APPROVED

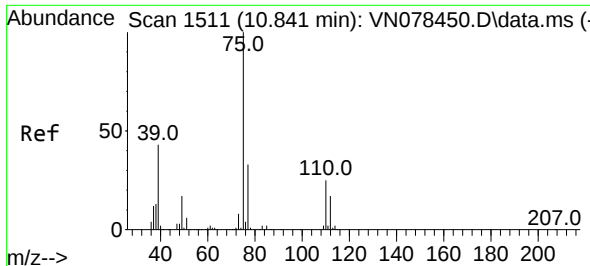
Reviewed By :John Carlone 07/13/2023  
Supervised By :Mahesh Dadoda 07/13/2023



#52  
Toluene  
Concen: 45.747 ug/l  
RT: 10.635 min Scan# 1476  
Delta R.T. 0.000 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

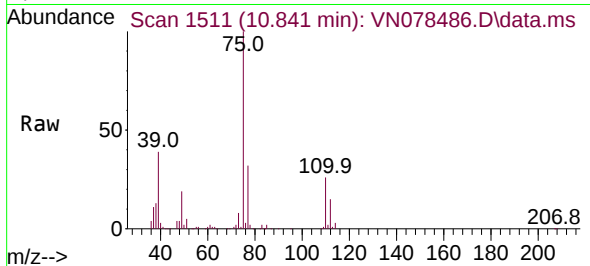
Tgt Ion: 92 Resp: 500740  
Ion Ratio Lower Upper  
92 100  
91 179.9 137.4 206.0





#53  
t-1,3-Dichloropropene  
Concen: 56.376 ug/l  
RT: 10.841 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

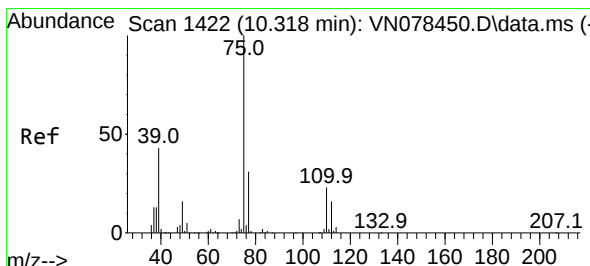
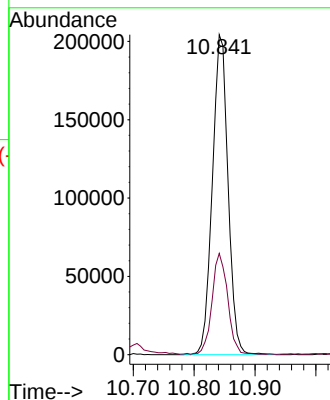
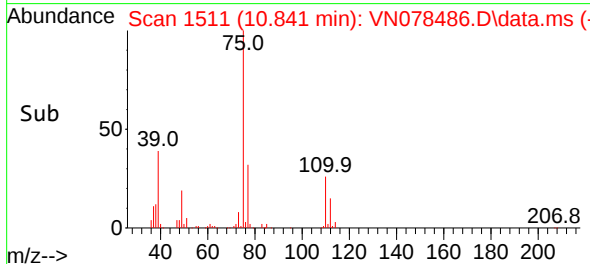
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 75 Resp: 364485  
Ion Ratio Lower Upper  
75 100  
77 31.5 25.4 38.0

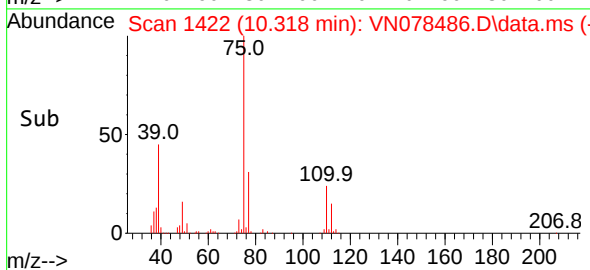
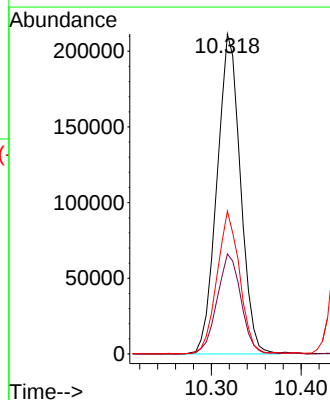
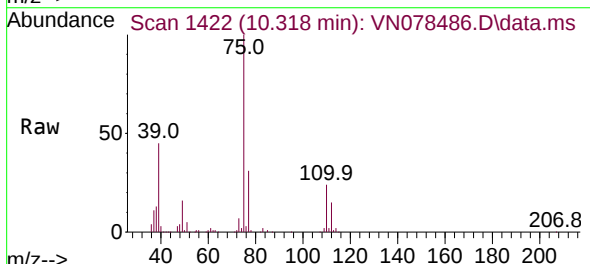
Manual Integrations  
APPROVED

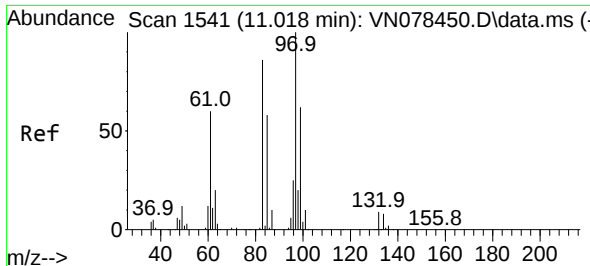
Reviewed By :John Carlone 07/13/2023  
Supervised By :Mahesh Dadoda 07/13/2023



#54  
cis-1,3-Dichloropropene  
Concen: 55.607 ug/l  
RT: 10.318 min Scan# 1422  
Delta R.T. -0.000 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

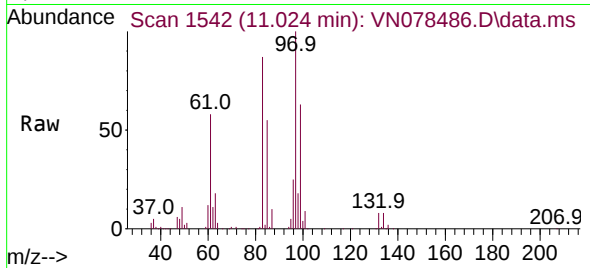
Tgt Ion: 75 Resp: 383223  
Ion Ratio Lower Upper  
75 100  
77 31.3 26.1 39.1  
39 44.5 31.6 47.4





#55  
1,1,2-Trichloroethane  
Concen: 63.119 ug/l  
RT: 11.024 min Scan# 1542  
Delta R.T. 0.006 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

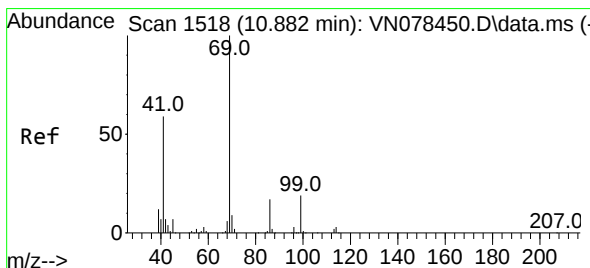
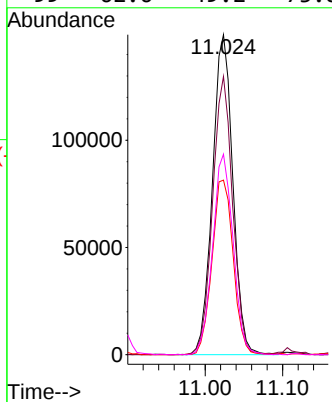
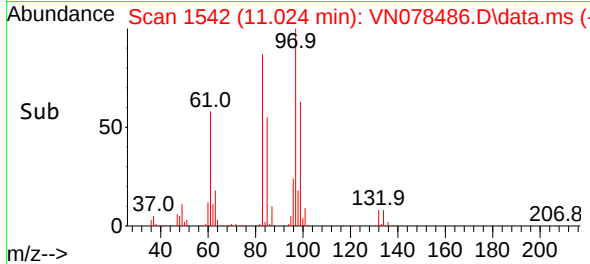
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 97 Resp: 27220  
Ion Ratio Lower Upper  
97 100  
83 86.8 65.1 97.7  
85 54.6 43.4 65.2  
99 62.6 49.2 73.8

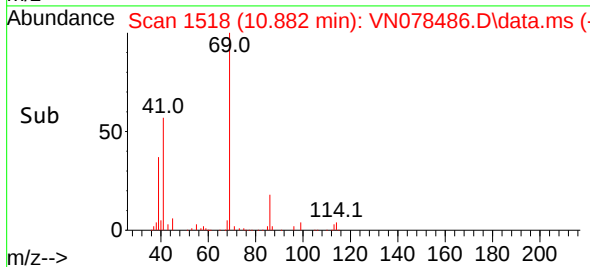
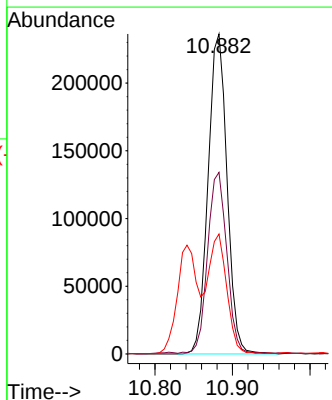
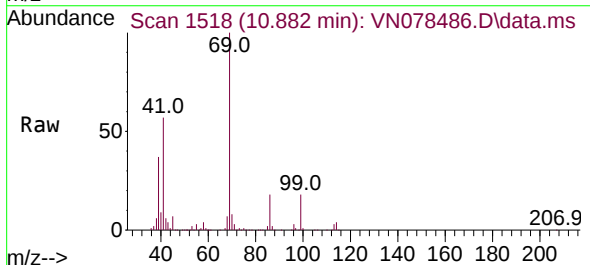
Manual Integrations  
APPROVED

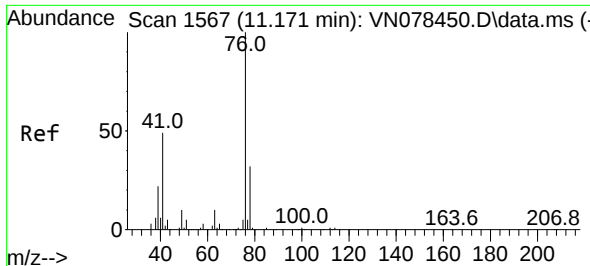
Reviewed By :John Carlone 07/13/2023  
Supervised By :Mahesh Dadoda 07/13/2023



#56  
Ethyl methacrylate  
Concen: 66.675 ug/l  
RT: 10.882 min Scan# 1518  
Delta R.T. 0.000 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

Tgt Ion: 69 Resp: 401953  
Ion Ratio Lower Upper  
69 100  
41 57.3 39.6 59.4  
39 36.9 28.6 43.0





#57

1,3-Dichloropropane

Concen: 60.887 ug/l

RT: 11.171 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078486.D

Acq: 12 Jul 2023 18:22

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 44647

Ion Ratio Lower Upper

76 100

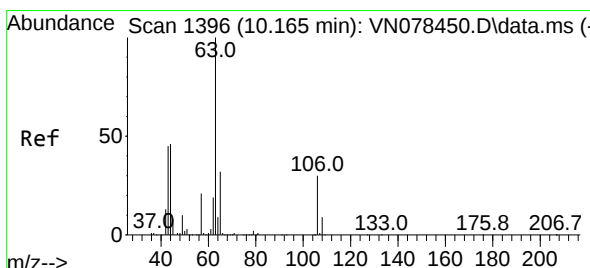
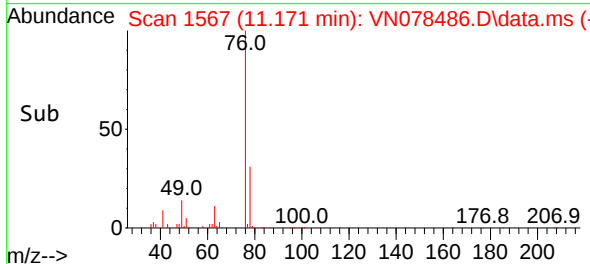
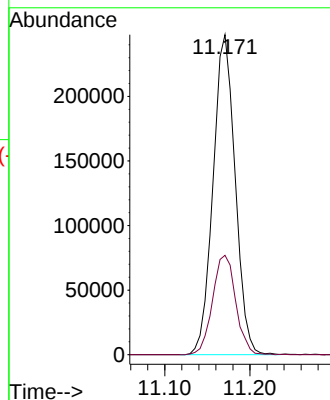
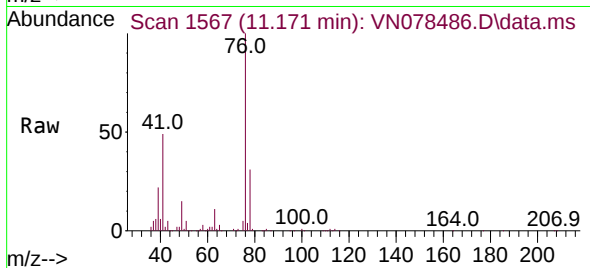
78 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2023

Supervised By :Mahesh Dadoda 07/13/2023



#58

2-Chloroethyl Vinyl ether

Concen: 344.213 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078486.D

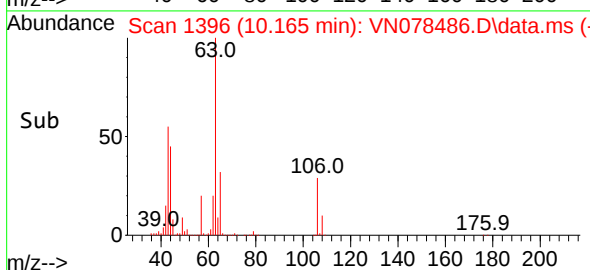
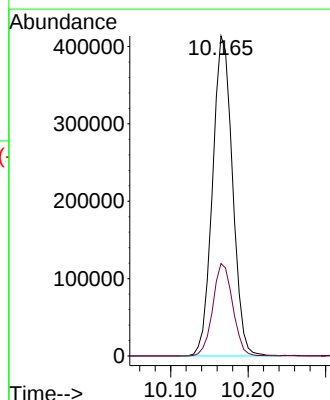
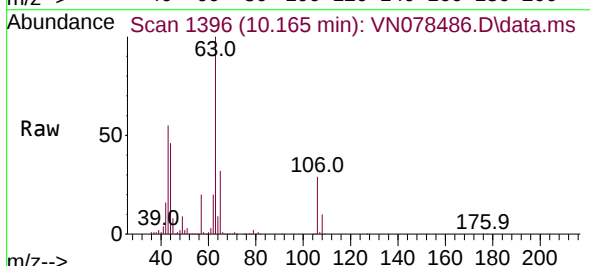
Acq: 12 Jul 2023 18:22

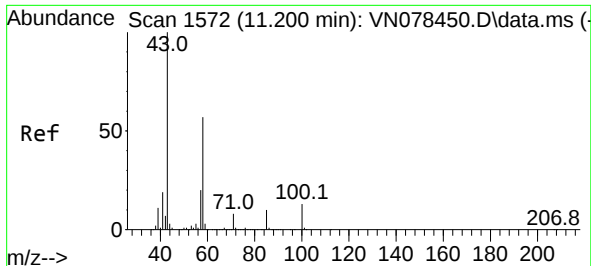
Tgt Ion: 63 Resp: 739509

Ion Ratio Lower Upper

63 100

106 28.8 26.2 39.4





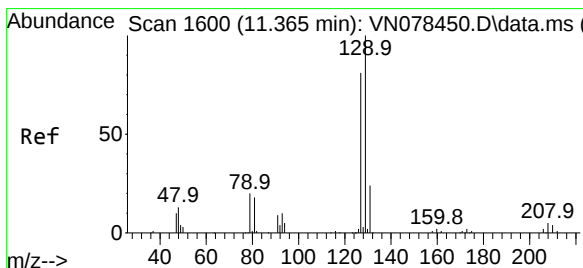
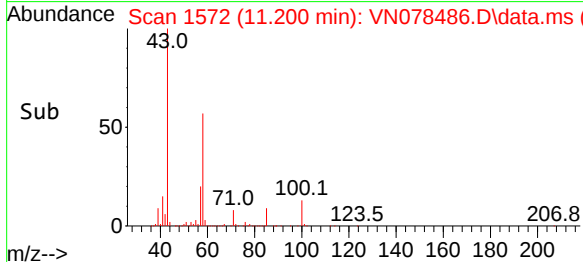
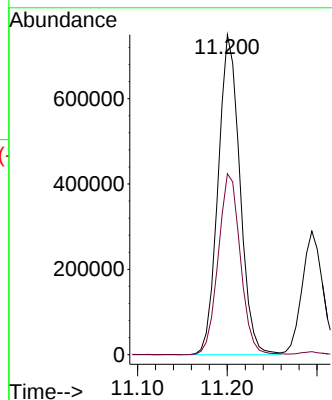
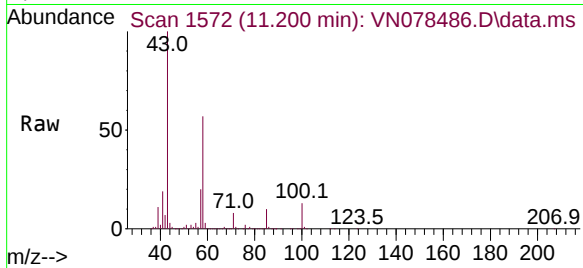
#59  
2-Hexanone  
Concen: 364.838 ug/l  
RT: 11.200 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 43 Resp: 126185  
Ion Ratio Lower Upper  
43 100  
58 57.5 31.7 95.1

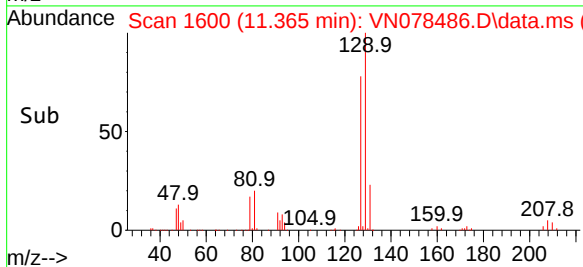
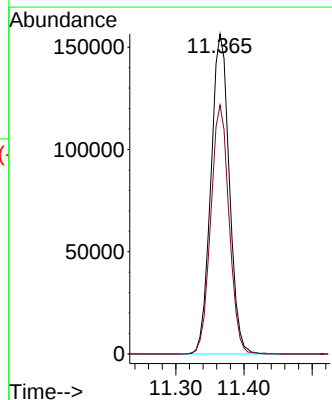
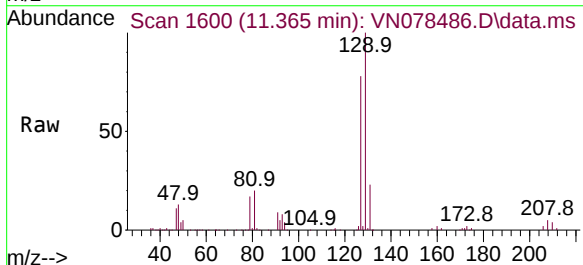
Manual Integrations  
APPROVED

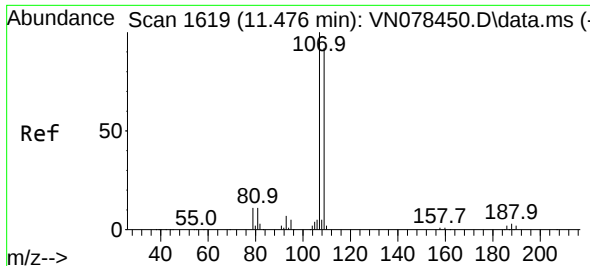
Reviewed By :John Carlone 07/13/2023  
Supervised By :Mahesh Dadoda 07/13/2023



#60  
Dibromochloromethane  
Concen: 61.673 ug/l  
RT: 11.365 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

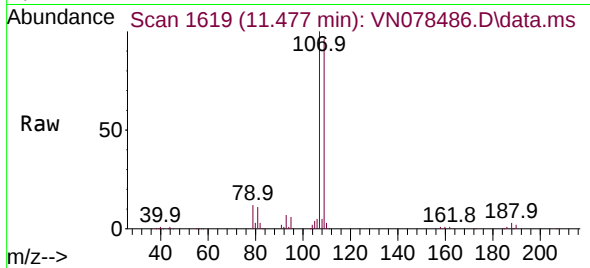
Tgt Ion:129 Resp: 293626  
Ion Ratio Lower Upper  
129 100  
127 77.4 38.6 116.0





#61  
1,2-Dibromoethane  
Concen: 62.761 ug/l  
RT: 11.477 min Scan# 1619  
Delta R.T. 0.001 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

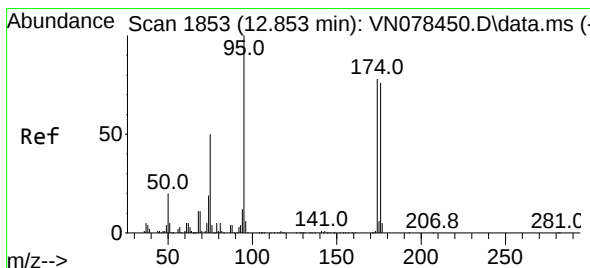
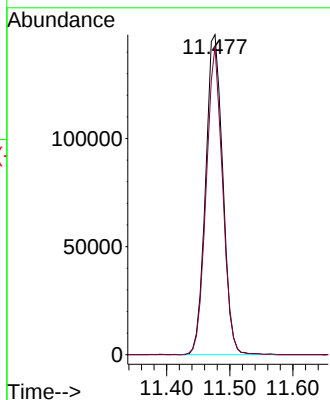
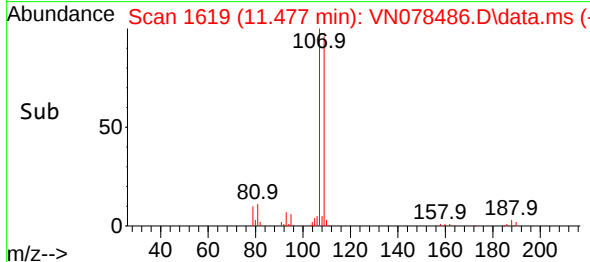
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



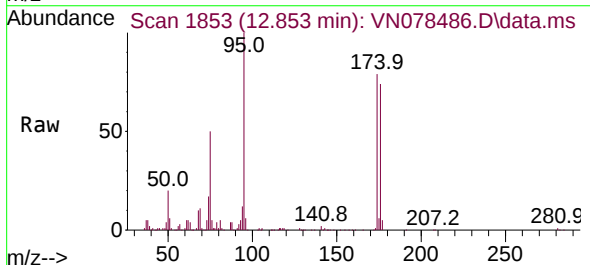
Tgt Ion:107 Resp: 278819  
Ion Ratio Lower Upper  
107 100  
109 92.1 76.6 114.8

Manual Integrations  
APPROVED

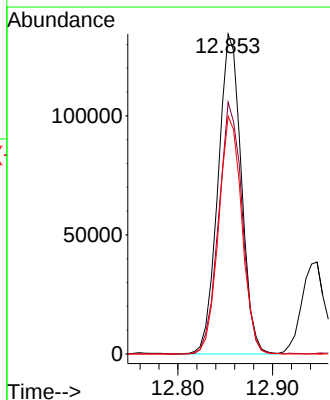
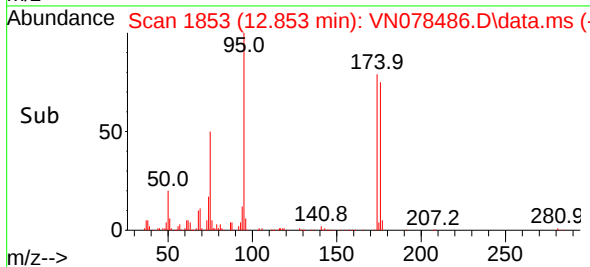
Reviewed By :John Carlone 07/13/2023  
Supervised By :Mahesh Dadoda 07/13/2023

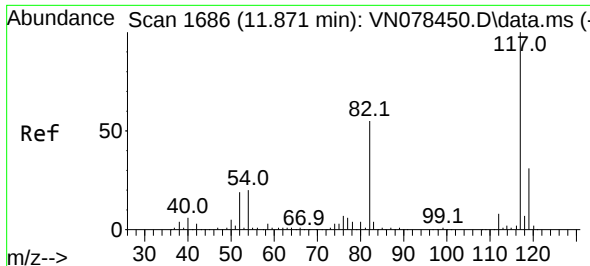


#62  
4-Bromofluorobenzene  
Concen: 47.769 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. -0.000 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22



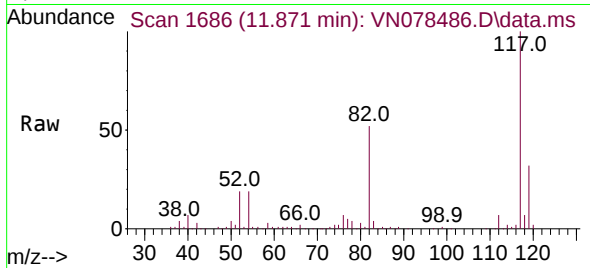
Tgt Ion: 95 Resp: 229485  
Ion Ratio Lower Upper  
95 100  
174 78.9 0.0 143.8  
176 74.2 0.0 135.8





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

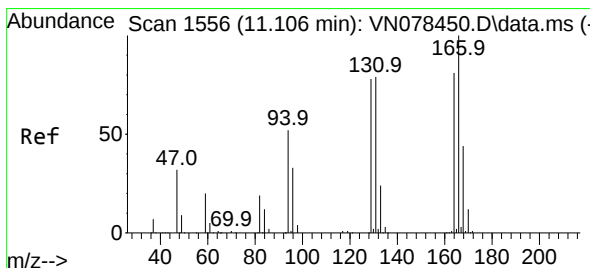
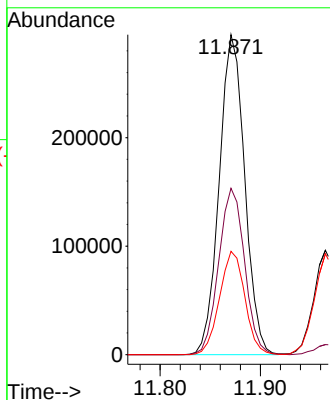
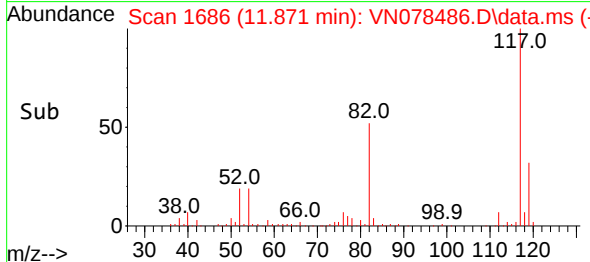
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:117 Resp: 521280  
Ion Ratio Lower Upper  
117 100  
82 52.0 44.0 66.0  
119 32.3 25.6 38.4

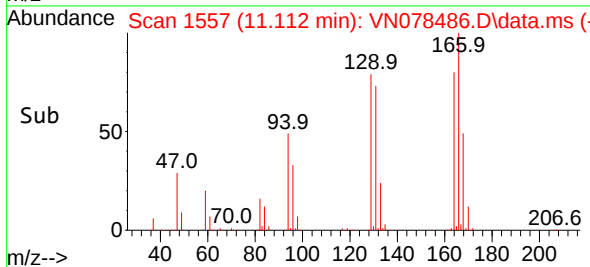
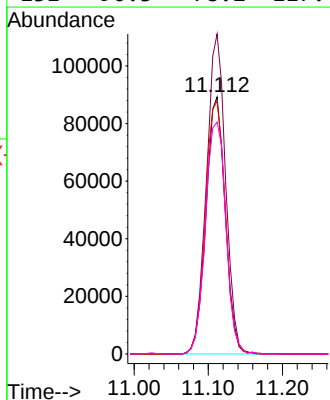
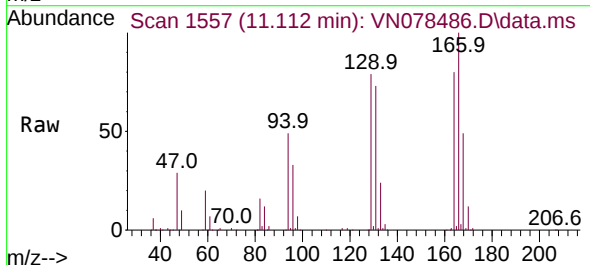
Manual Integrations  
APPROVED

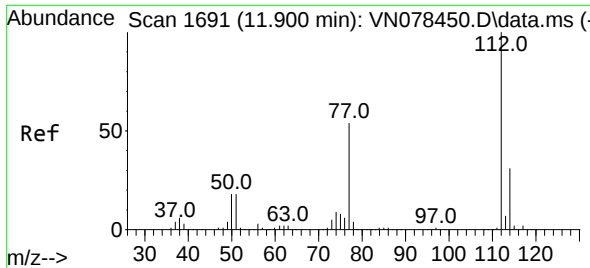
Reviewed By :John Carlone 07/13/2023  
Supervised By :Mahesh Dadoda 07/13/2023



#64  
Tetrachloroethene  
Concen: 41.081 ug/l  
RT: 11.112 min Scan# 1557  
Delta R.T. 0.006 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

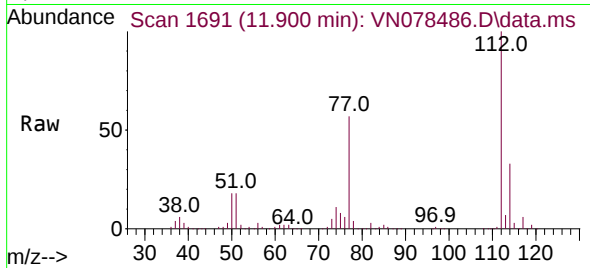
Tgt Ion:164 Resp: 161005  
Ion Ratio Lower Upper  
164 100  
166 124.5 101.4 152.0  
129 98.5 82.4 123.6  
131 90.3 78.2 117.4





#65  
Chlorobenzene  
Concen: 46.404 ug/l  
RT: 11.900 min Scan# 1691  
Delta R.T. 0.000 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

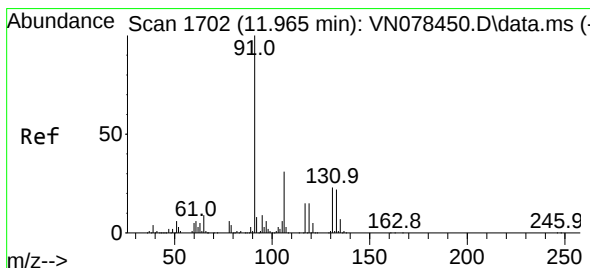
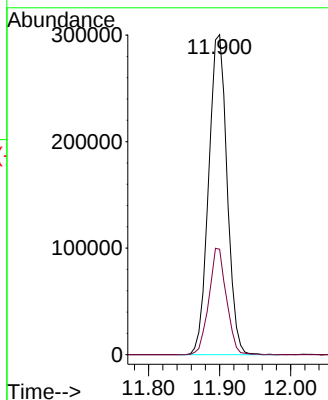
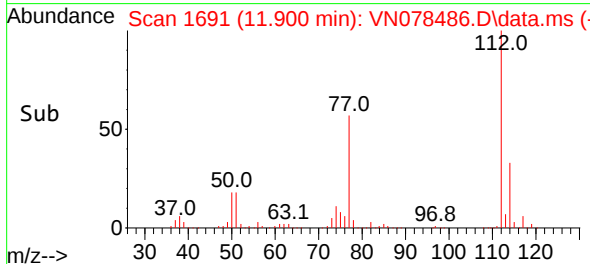
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:112 Resp: 540698  
Ion Ratio Lower Upper  
112 100  
114 32.9 25.0 37.4

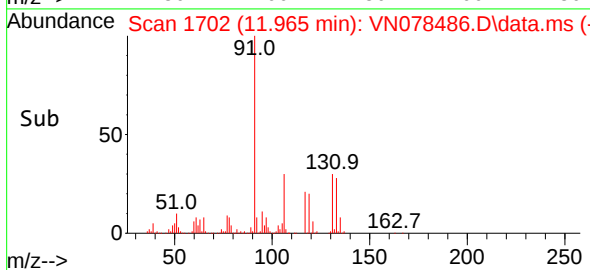
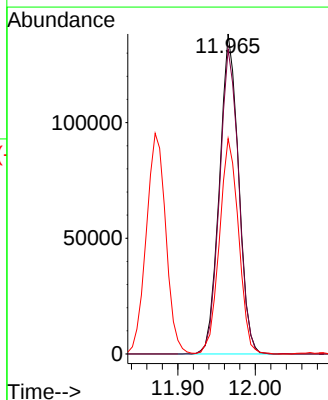
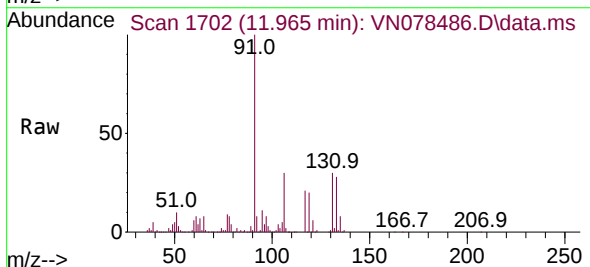
Manual Integrations  
APPROVED

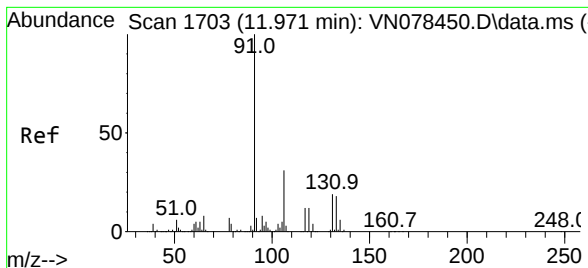
Reviewed By :John Carlone 07/13/2023  
Supervised By :Mahesh Dadoda 07/13/2023



#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.955 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

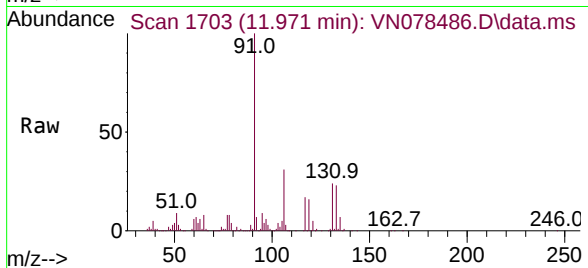
Tgt Ion:131 Resp: 237372  
Ion Ratio Lower Upper  
131 100  
133 95.7 46.4 139.1  
119 67.3 34.1 102.2





#67  
Ethyl Benzene  
Concen: 42.801 ug/l  
RT: 11.971 min Scan# 1703  
Delta R.T. -0.000 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

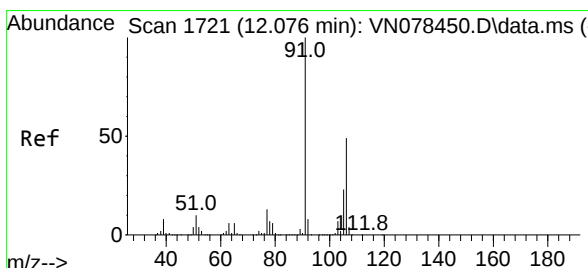
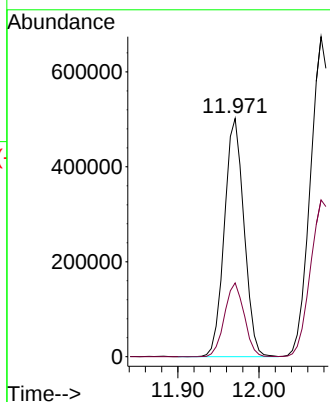
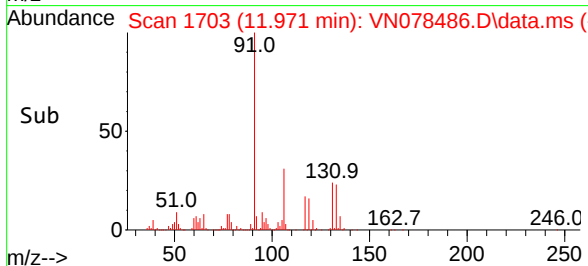
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



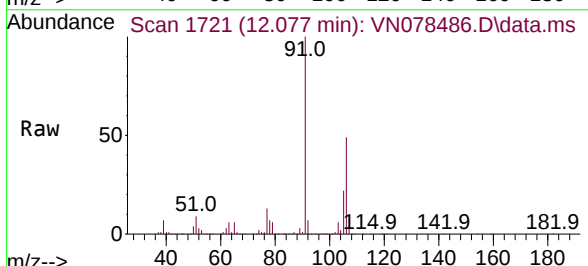
Tgt Ion: 91 Resp: 842994  
Ion Ratio Lower Upper  
91 100  
106 31.0 25.6 38.4

Manual Integrations  
APPROVED

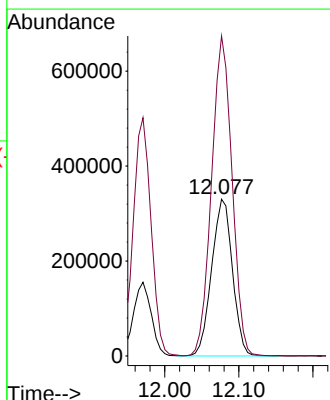
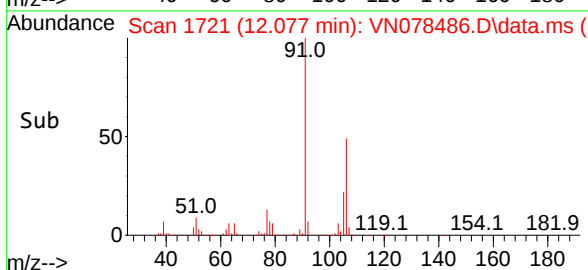
Reviewed By :John Carlone 07/13/2023  
Supervised By :Mahesh Dadoda 07/13/2023

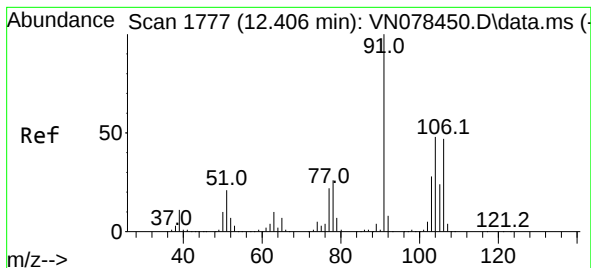


#68  
m/p-Xylenes  
Concen: 88.344 ug/l  
RT: 12.077 min Scan# 1721  
Delta R.T. 0.001 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22



Tgt Ion:106 Resp: 643329  
Ion Ratio Lower Upper  
106 100  
91 200.8 159.6 239.4





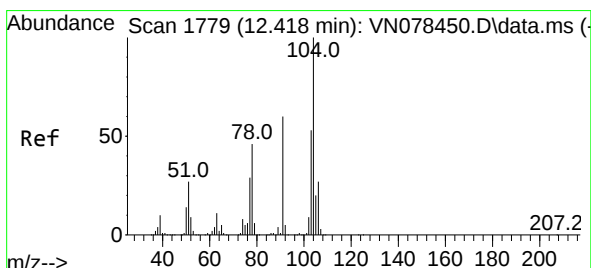
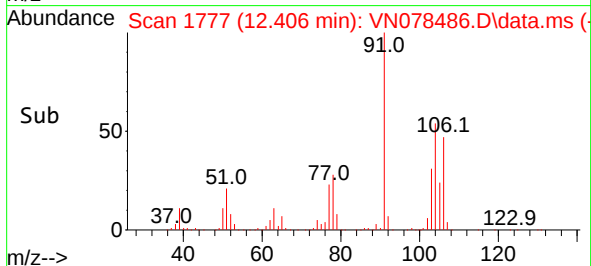
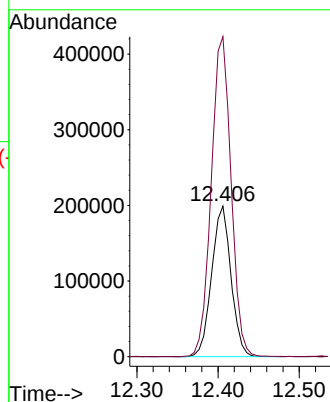
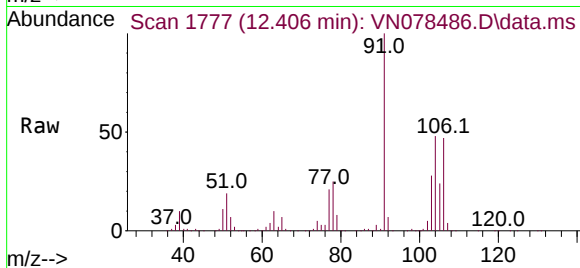
#69  
o-Xylene  
Concen: 44.732 ug/l  
RT: 12.406 min Scan# 1777  
Delta R.T. -0.000 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:106 Resp: 329018  
Ion Ratio Lower Upper  
106 100  
91 217.9 105.2 315.5

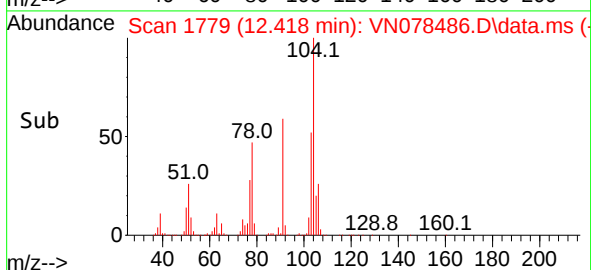
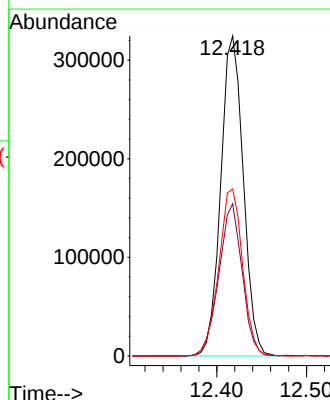
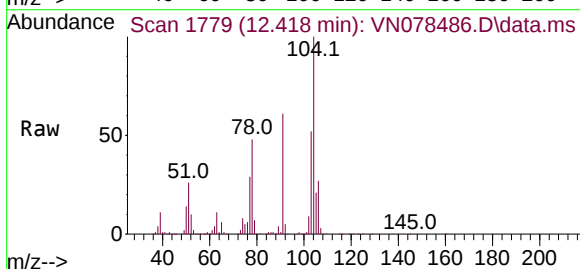
Manual Integrations  
APPROVED

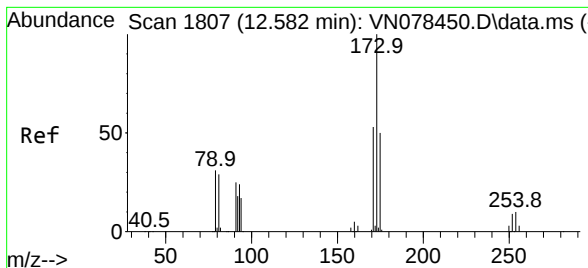
Reviewed By :John Carlone 07/13/2023  
Supervised By :Mahesh Dadoda 07/13/2023



#70  
Styrene  
Concen: 49.208 ug/l  
RT: 12.418 min Scan# 1779  
Delta R.T. -0.000 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

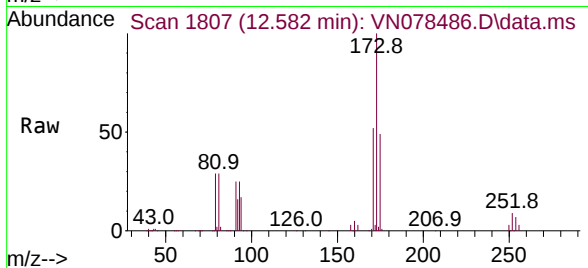
Tgt Ion:104 Resp: 566236  
Ion Ratio Lower Upper  
104 100  
78 49.1 39.5 59.3  
103 55.2 43.2 64.8





#71  
Bromoform  
Concen: 66.225 ug/l  
RT: 12.582 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

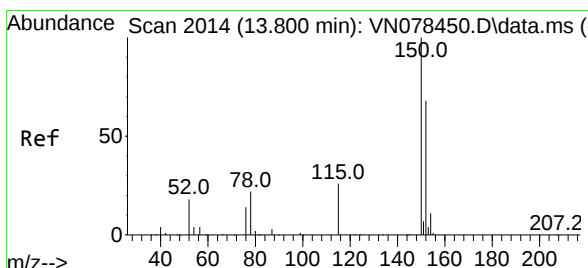
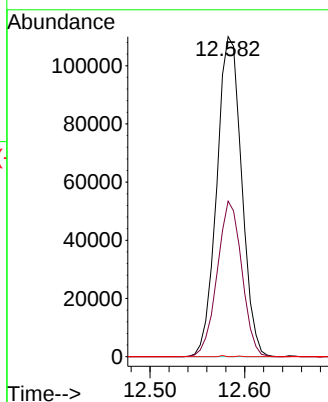
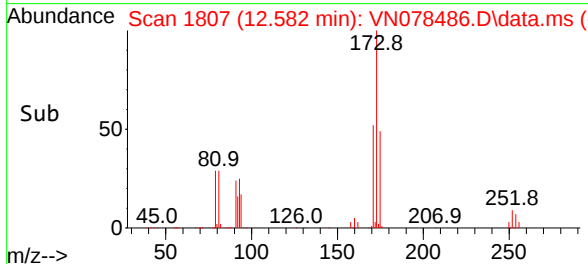
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



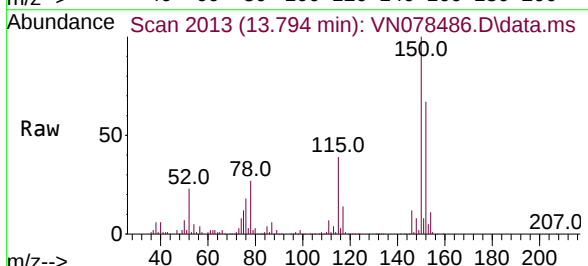
Tgt Ion:173 Resp: 20104  
Ion Ratio Lower Upper  
173 100  
175 48.0 24.3 73.0  
254 0.1 0.0 0.0

Manual Integrations  
APPROVED

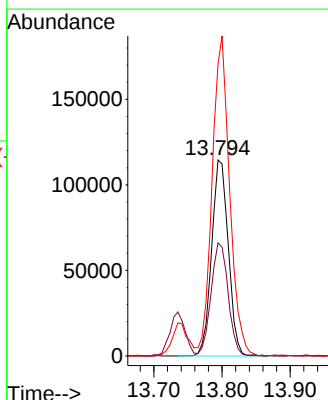
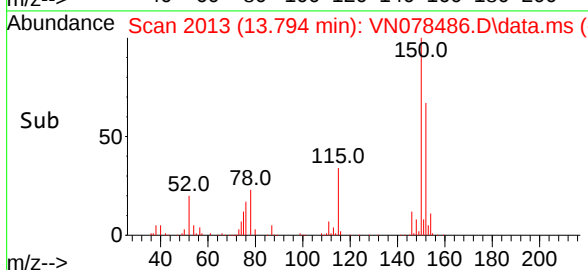
Reviewed By :John Carlone 07/13/2023  
Supervised By :Mahesh Dadoda 07/13/2023

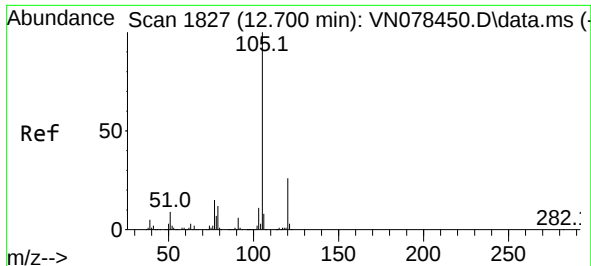


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 2013  
Delta R.T. -0.006 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22



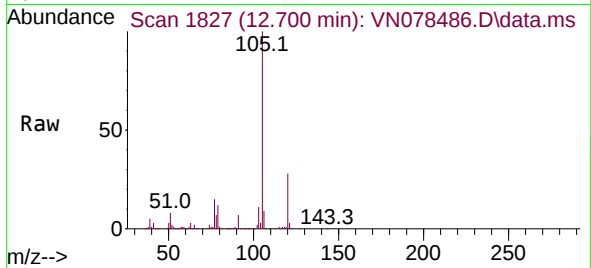
Tgt Ion:152 Resp: 194979  
Ion Ratio Lower Upper  
152 100  
115 59.1 32.3 96.8  
150 171.3 0.0 355.8





#73  
Isopropylbenzene  
Concen: 39.425 ug/l  
RT: 12.700 min Scan# 1827  
Delta R.T. 0.000 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

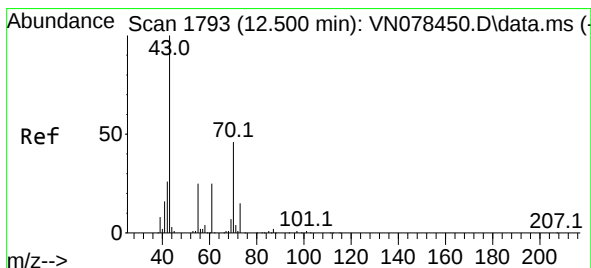
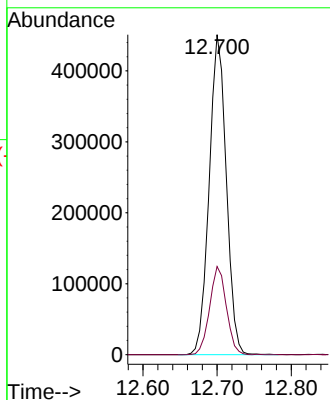
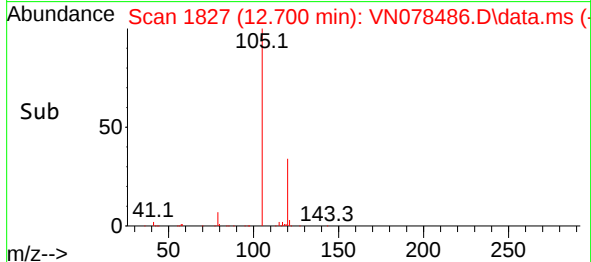
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



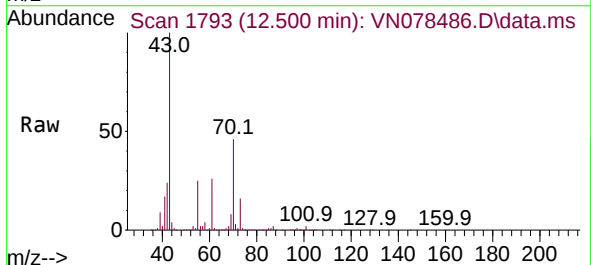
Tgt Ion: 105 Resp: 722300  
Ion Ratio Lower Upper  
105 100  
120 26.8 13.1 39.1

Manual Integrations  
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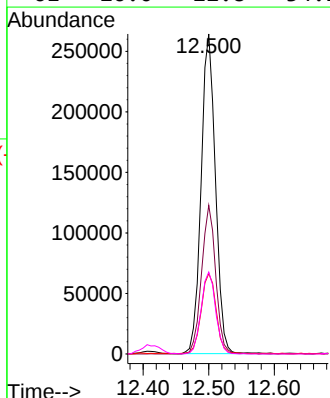
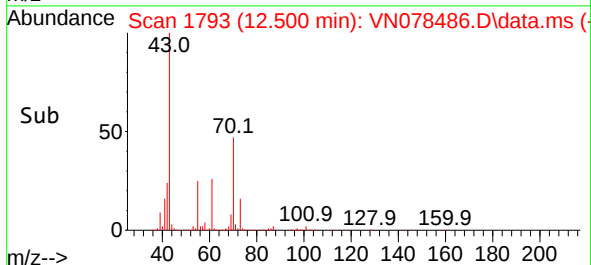
Reviewed By :John Carlone 07/13/2023  
Supervised By :Mahesh Dadoda 07/13/2023

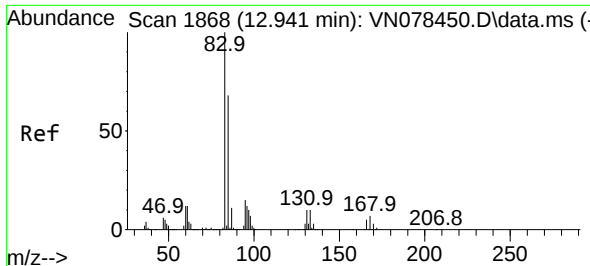


#74  
N-ethyl acetate  
Concen: 63.644 ug/l  
RT: 12.500 min Scan# 1793  
Delta R.T. 0.000 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22



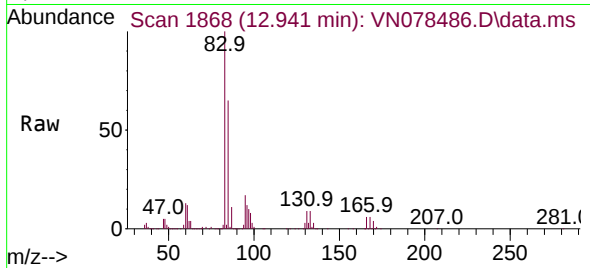
Tgt Ion: 43 Resp: 401837  
Ion Ratio Lower Upper  
43 100  
70 45.8 43.4 65.2  
55 26.0 21.4 32.0  
61 26.0 22.8 34.2





#75  
1,1,2,2-Tetrachloroethane  
Concen: 77.334 ug/l  
RT: 12.941 min Scan# 1868  
Delta R.T. 0.000 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

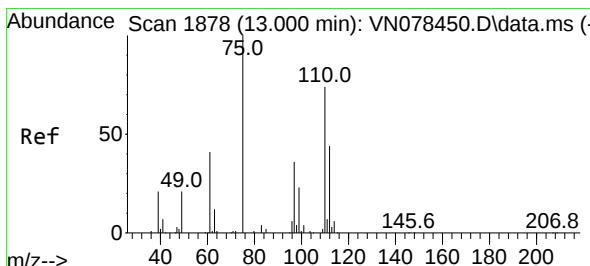
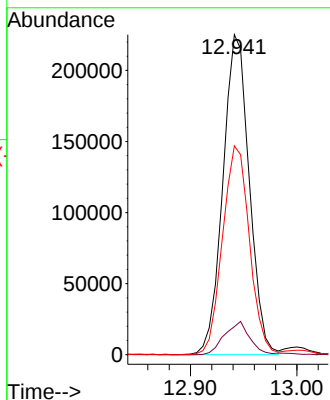
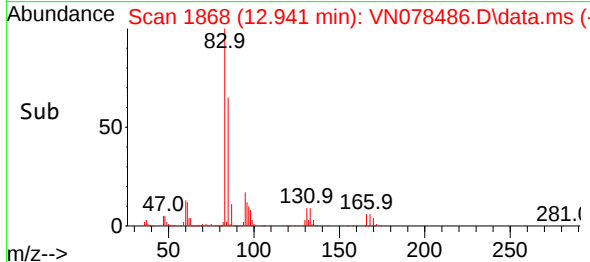
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



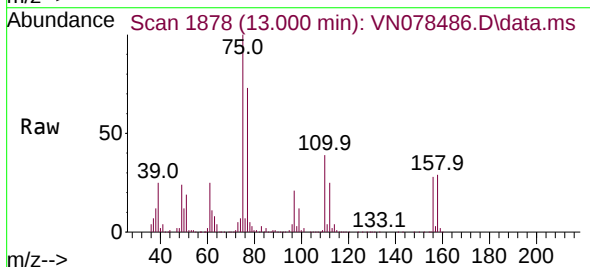
Tgt Ion: 83 Resp: 38706  
Ion Ratio Lower Upper  
83 100  
131 10.3 5.0 15.0  
85 66.7 31.9 95.7

Manual Integrations  
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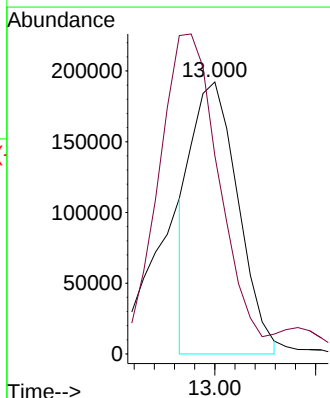
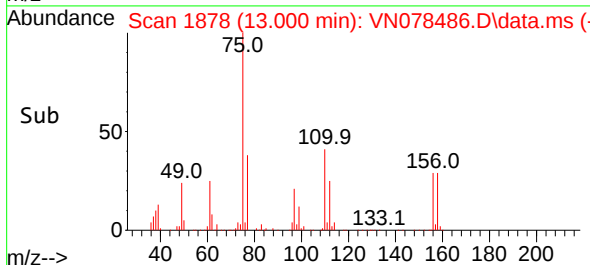
Reviewed By :John Carlone 07/13/2023  
Supervised By :Mahesh Dadoda 07/13/2023

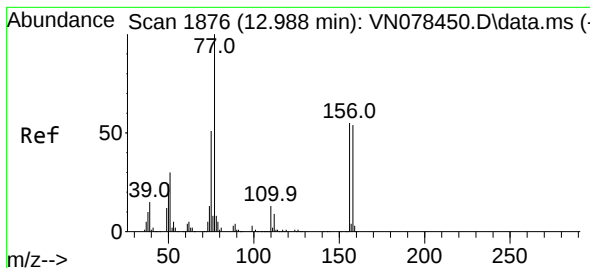


#76  
1,2,3-Trichloropropane  
Concen: 65.805 ug/l m  
RT: 13.000 min Scan# 1878  
Delta R.T. -0.000 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22



Tgt Ion: 75 Resp: 310132  
Ion Ratio Lower Upper  
75 100  
77 155.2 84.5 253.5





#77

Bromobenzene

Concen: 54.253 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VN078486.D

Acq: 12 Jul 2023 18:22

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

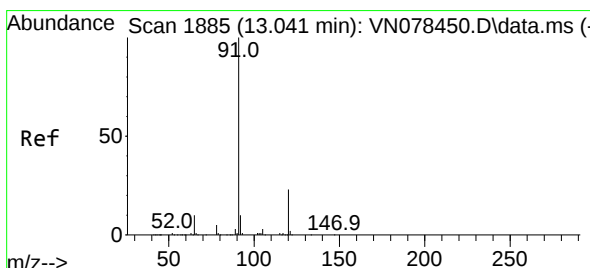
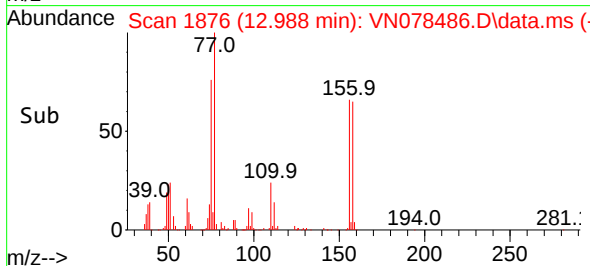
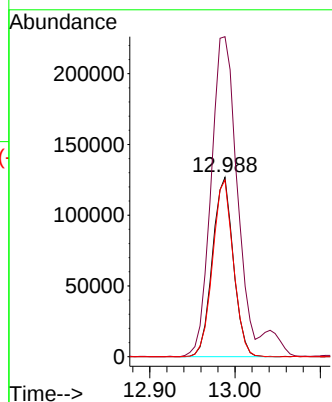
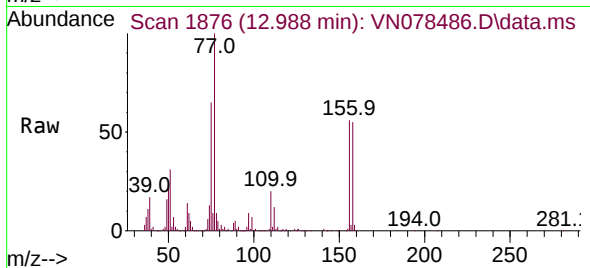
Tgt Ion:156 Resp: 21563  
 Ion Ratio Lower Upper  
 156 100  
 77 223.2 107.7 323.3  
 158 97.7 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2023

Supervised By :Mahesh Dadoda 07/13/2023



#78

n-propylbenzene

Concen: 39.794 ug/l

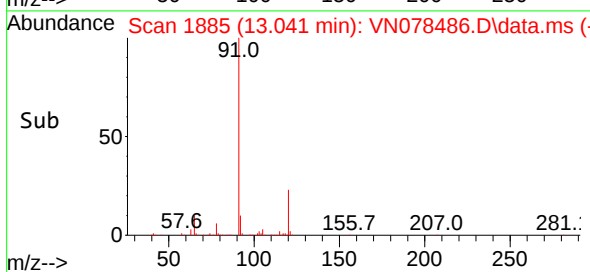
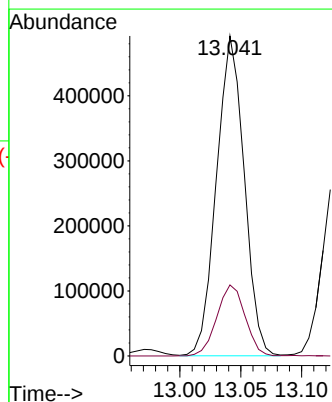
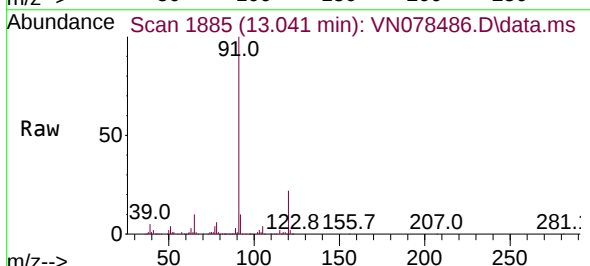
RT: 13.041 min Scan# 1885

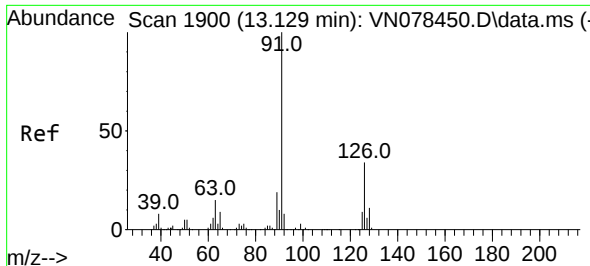
Delta R.T. 0.000 min

Lab File: VN078486.D

Acq: 12 Jul 2023 18:22

Tgt Ion: 91 Resp: 779693  
 Ion Ratio Lower Upper  
 91 100  
 120 22.7 11.5 34.4





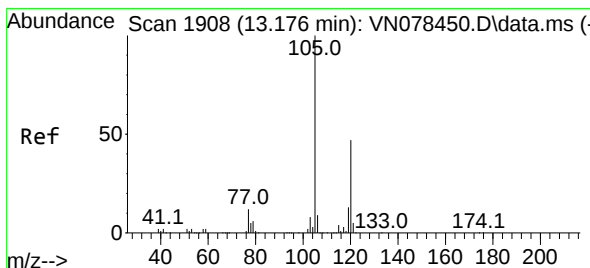
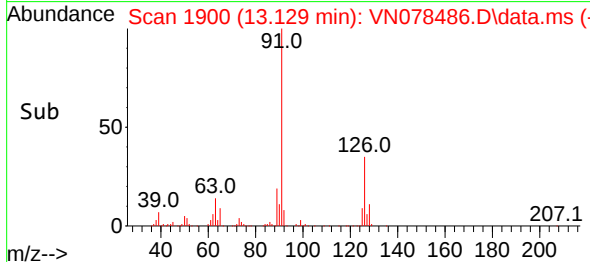
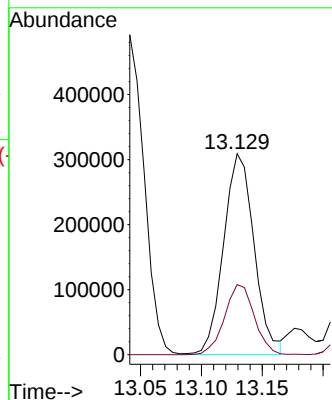
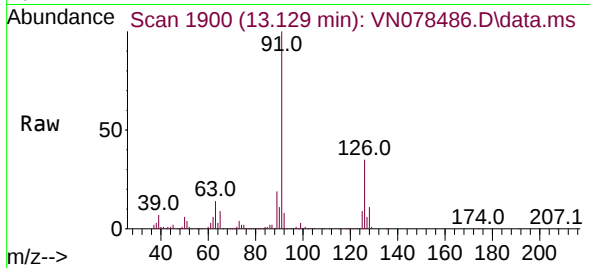
#79  
2-Chlorotoluene  
Concen: 42.087 ug/l  
RT: 13.129 min Scan# 1900  
Delta R.T. 0.000 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 91 Resp: 54014  
Ion Ratio Lower Upper  
91 100  
126 34.0 16.3 48.8

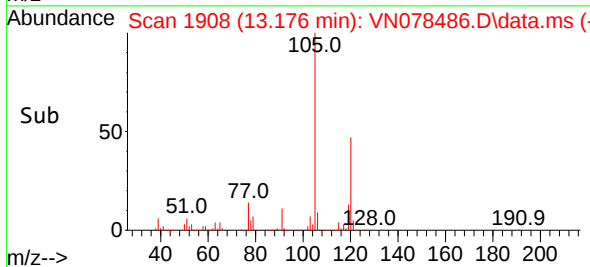
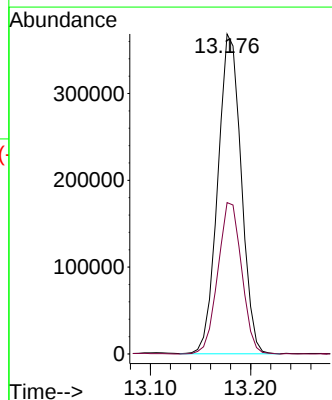
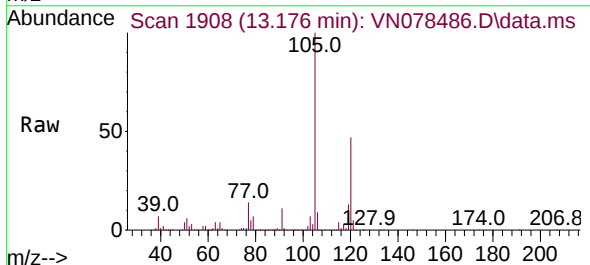
Manual Integrations  
APPROVED

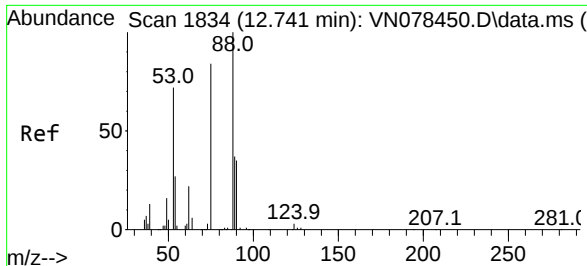
Reviewed By :John Carlone 07/13/2023  
Supervised By :Mahesh Dadoda 07/13/2023



#80  
1,3,5-Trimethylbenzene  
Concen: 41.262 ug/l  
RT: 13.176 min Scan# 1908  
Delta R.T. 0.000 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

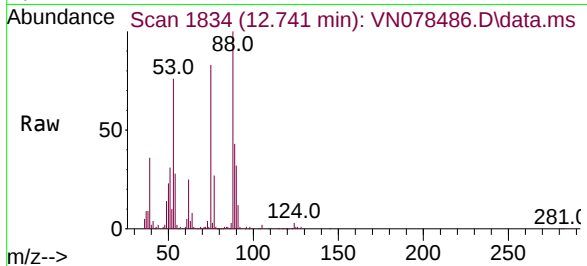
Tgt Ion:105 Resp: 597309  
Ion Ratio Lower Upper  
105 100  
120 48.0 24.1 72.3





#81  
trans-1,4-Dichloro-2-butene  
Concen: 63.093 ug/l  
RT: 12.741 min Scan# 1834  
Delta R.T. 0.000 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

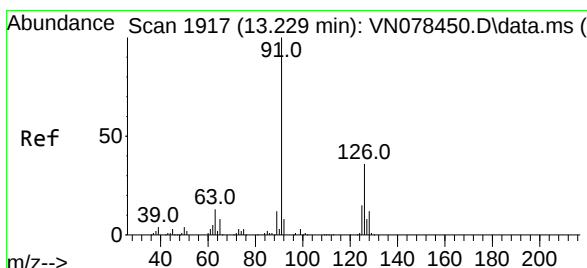
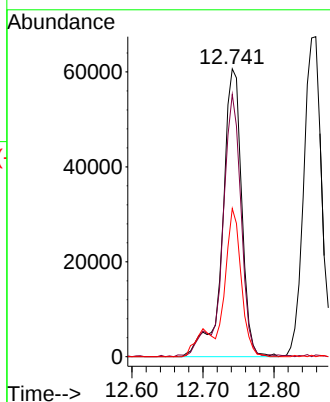
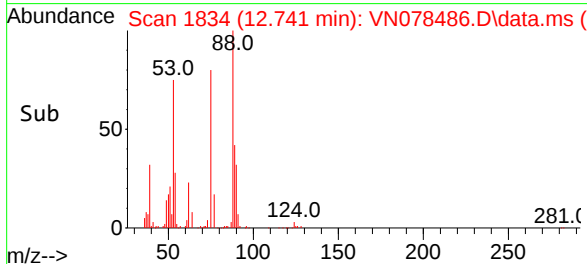
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 75 Resp: 113154  
Ion Ratio Lower Upper  
75 100  
53 89.3 67.4 101.2  
89 42.3 38.8 58.2

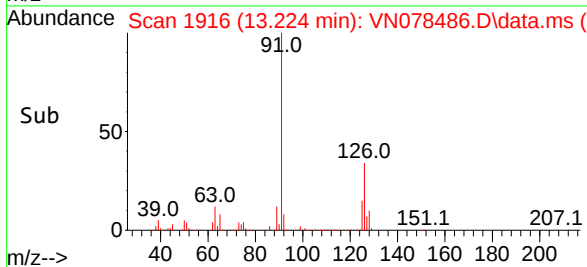
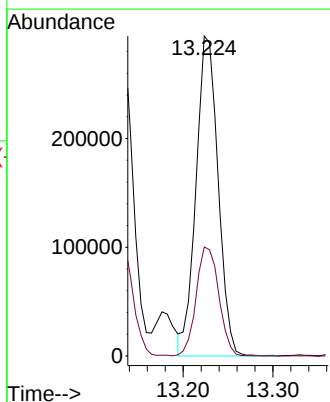
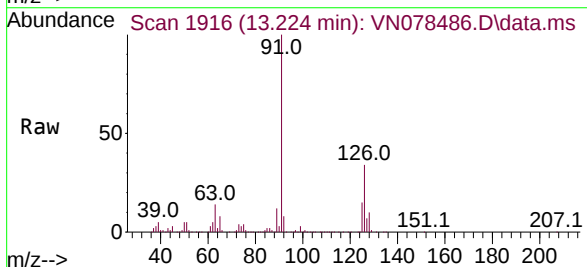
Manual Integrations  
APPROVED

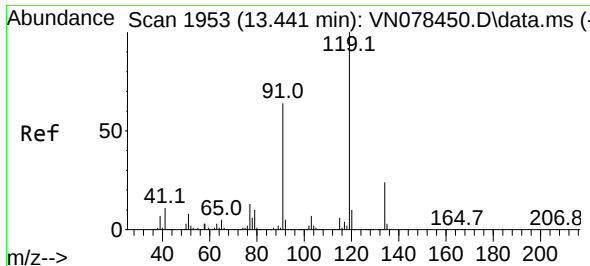
Reviewed By :John Carlone 07/13/2023  
Supervised By :Mahesh Dadoda 07/13/2023



#82  
4-Chlorotoluene  
Concen: 42.011 ug/l  
RT: 13.224 min Scan# 1916  
Delta R.T. -0.005 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

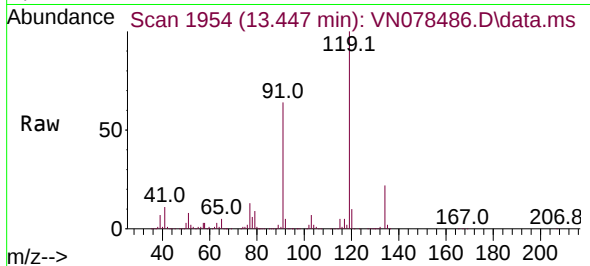
Tgt Ion: 91 Resp: 502965  
Ion Ratio Lower Upper  
91 100  
126 34.9 16.7 50.0





#83  
tert-Butylbenzene  
Concen: 39.828 ug/l  
RT: 13.447 min Scan# 1953  
Delta R.T. 0.006 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

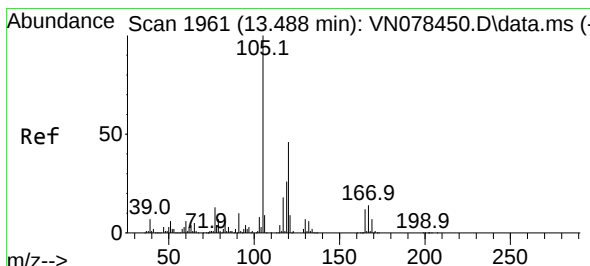
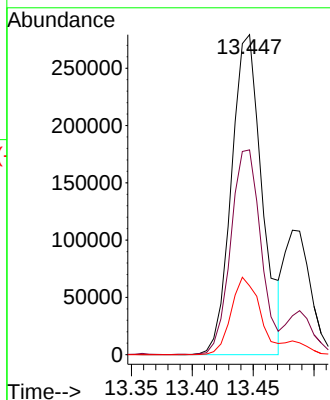
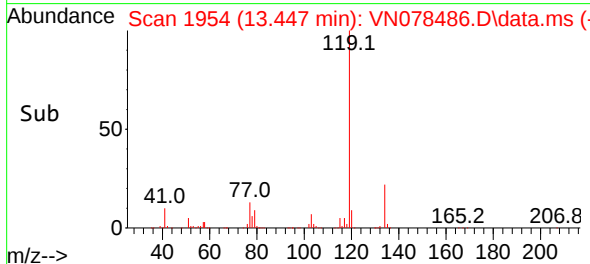
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:119 Resp: 48949  
Ion Ratio Lower Upper  
119 100  
91 63.0 33.9 101.7  
134 22.8 13.2 39.6

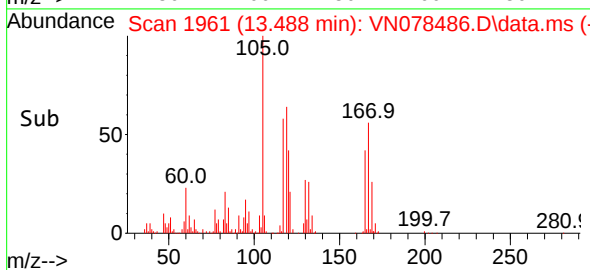
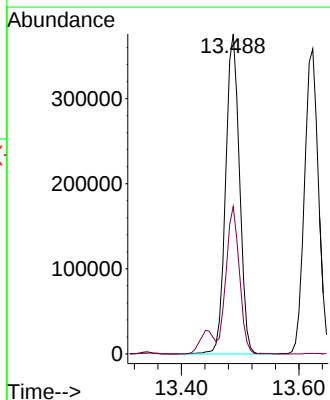
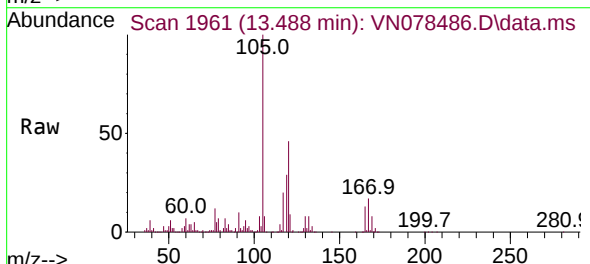
Manual Integrations  
APPROVED

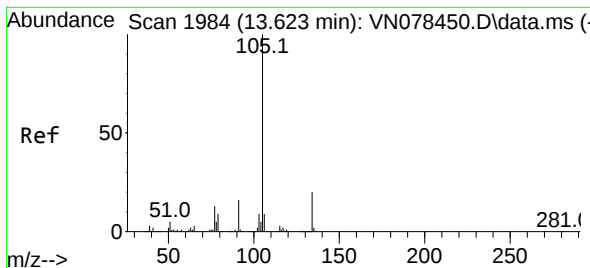
Reviewed By :John Carlone 07/13/2023  
Supervised By :Mahesh Dadoda 07/13/2023



#84  
1,2,4-Trimethylbenzene  
Concen: 43.740 ug/l  
RT: 13.488 min Scan# 1961  
Delta R.T. 0.000 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

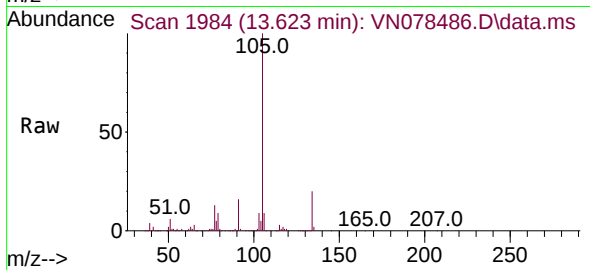
Tgt Ion:105 Resp: 615024  
Ion Ratio Lower Upper  
105 100  
120 44.3 22.0 66.0





#85  
 sec-Butylbenzene  
 Concen: 38.082 ug/l  
 RT: 13.623 min Scan# 1984  
 Delta R.T. 0.000 min  
 Lab File: VN078486.D  
 Acq: 12 Jul 2023 18:22

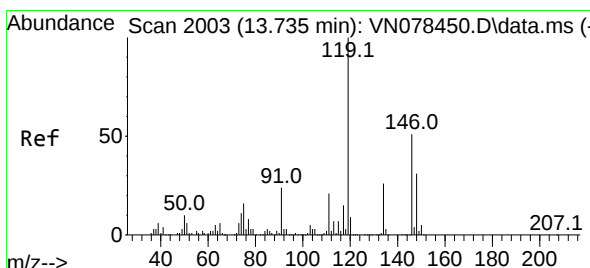
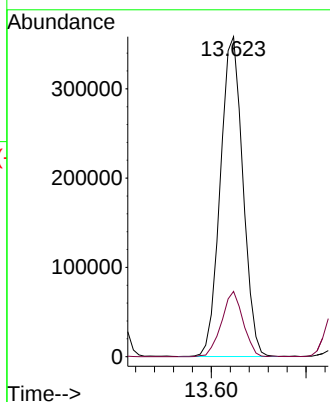
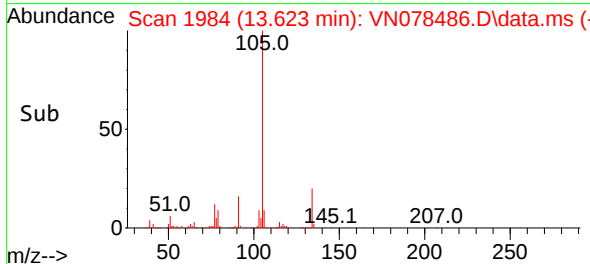
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC



Tgt Ion:105 Resp: 591594  
 Ion Ratio Lower Upper  
 105 100  
 134 19.5 9.8 29.3

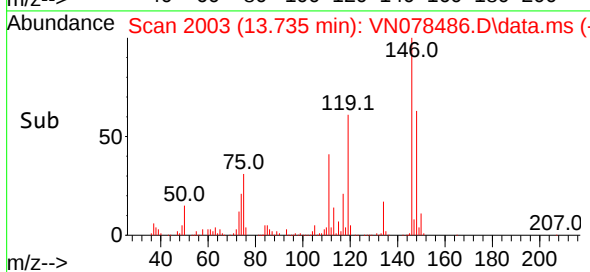
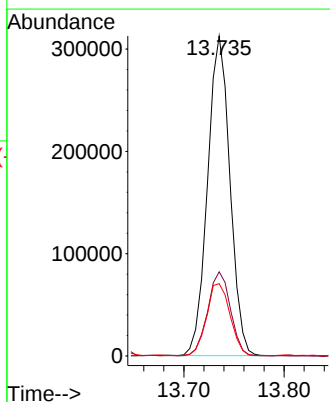
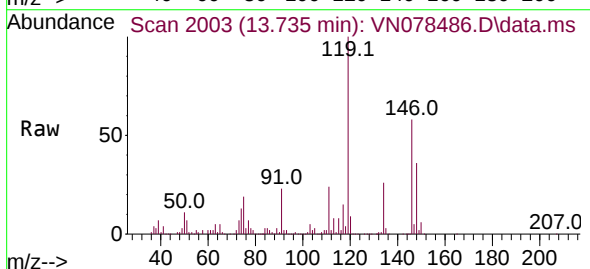
Manual Integrations  
 APPROVED

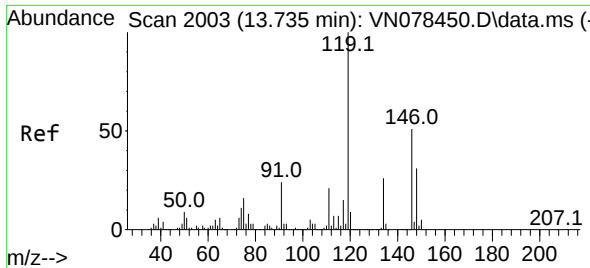
Reviewed By :John Carlone 07/13/2023  
 Supervised By :Mahesh Dadoda 07/13/2023



#86  
 p-Isopropyltoluene  
 Concen: 38.858 ug/l  
 RT: 13.735 min Scan# 2003  
 Delta R.T. 0.000 min  
 Lab File: VN078486.D  
 Acq: 12 Jul 2023 18:22

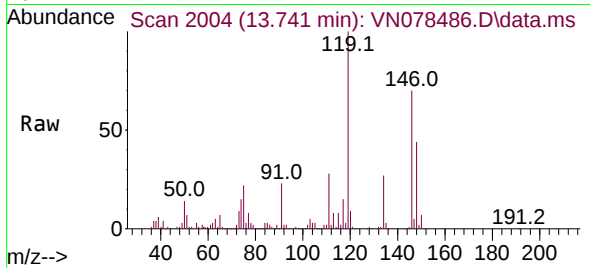
Tgt Ion:119 Resp: 484709  
 Ion Ratio Lower Upper  
 119 100  
 134 26.8 12.6 37.8  
 91 23.6 12.4 37.2





#87  
1,3-Dichlorobenzene  
Concen: 45.623 ug/l  
RT: 13.741 min Scan# 2003  
Delta R.T. 0.006 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

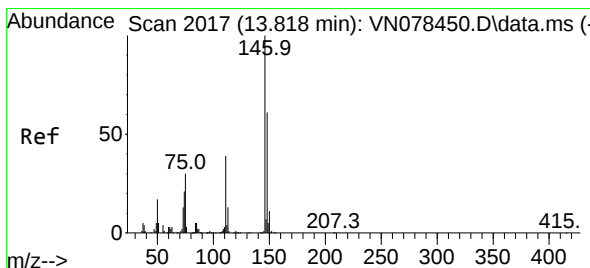
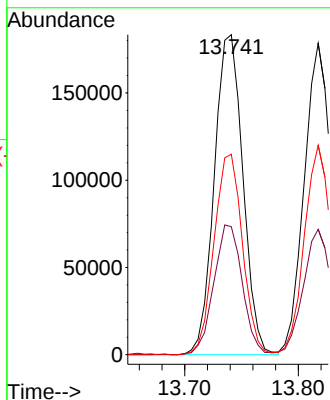
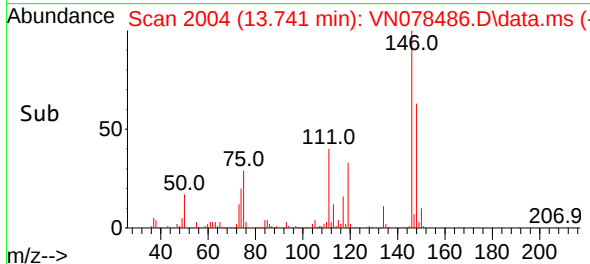
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:146 Resp: 32088  
Ion Ratio Lower Upper  
146 100  
111 40.4 22.1 66.3  
148 62.3 32.0 96.0

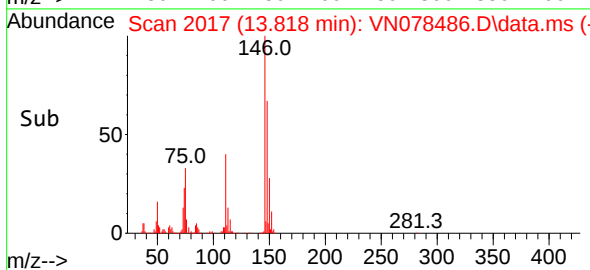
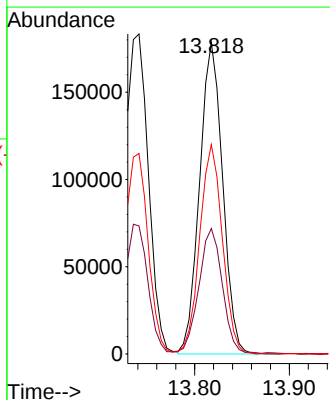
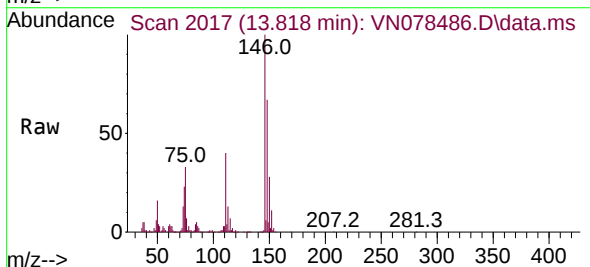
Manual Integrations  
APPROVED

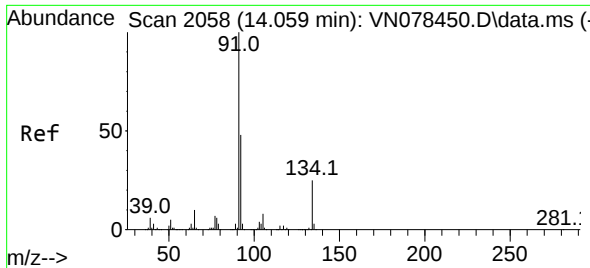
Reviewed By :John Carlone 07/13/2023  
Supervised By :Mahesh Dadoda 07/13/2023



#88  
1,4-Dichlorobenzene  
Concen: 42.580 ug/l  
RT: 13.818 min Scan# 2017  
Delta R.T. -0.000 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

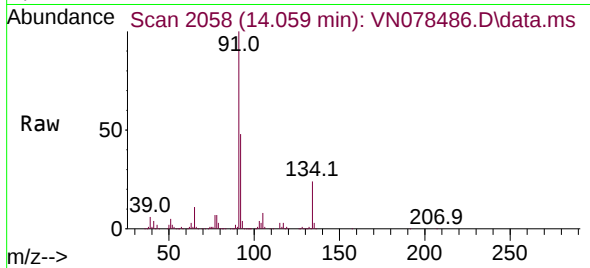
Tgt Ion:146 Resp: 301653  
Ion Ratio Lower Upper  
146 100  
111 40.7 20.6 61.8  
148 66.3 31.6 94.8





#89  
n-Butylbenzene  
Concen: 39.757 ug/l  
RT: 14.059 min Scan# 2058  
Delta R.T. -0.000 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

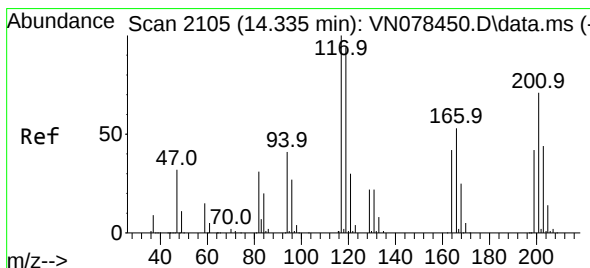
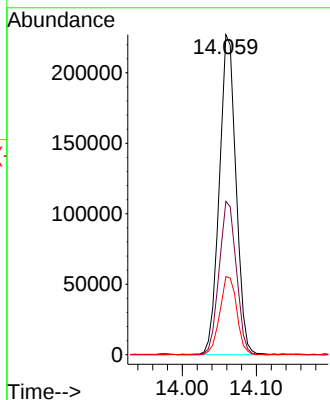
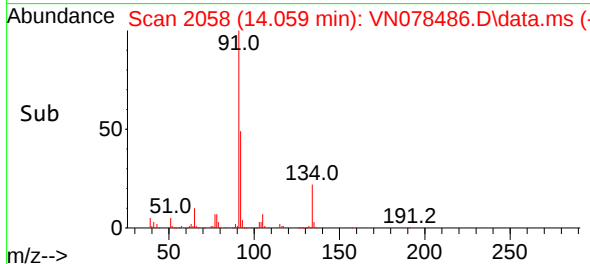
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 91 Resp: 35483  
Ion Ratio Lower Upper  
91 100  
92 49.4 26.4 79.0  
134 24.9 12.6 37.6

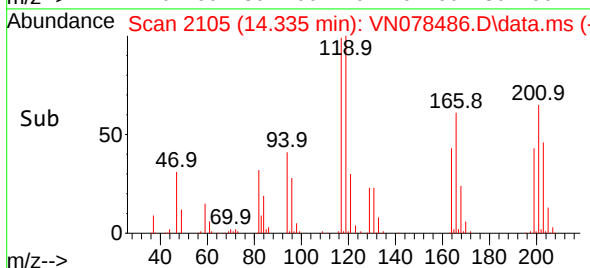
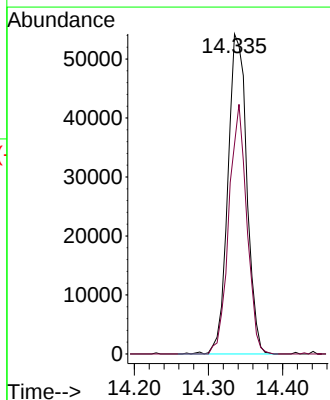
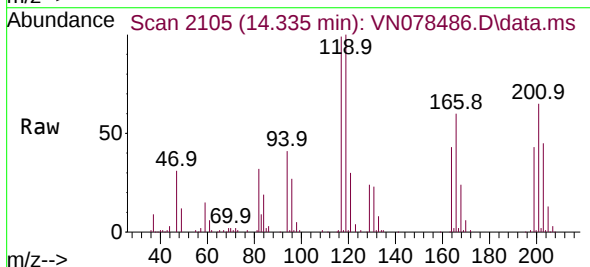
Manual Integrations  
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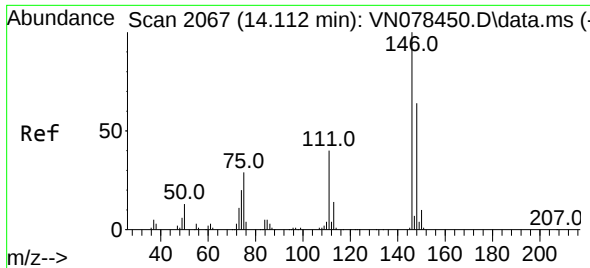
Reviewed By :John Carlone 07/13/2023  
Supervised By :Mahesh Dadoda 07/13/2023



#90  
Hexachloroethane  
Concen: 41.797 ug/l  
RT: 14.335 min Scan# 2105  
Delta R.T. 0.000 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

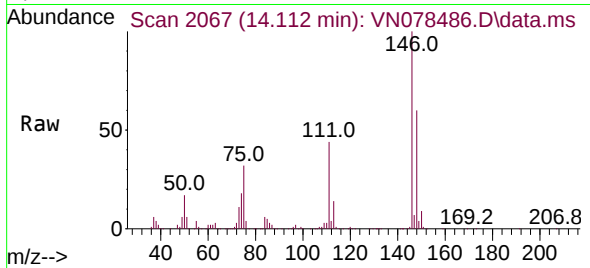
Tgt Ion:117 Resp: 96134  
Ion Ratio Lower Upper  
117 100  
201 73.6 29.3 88.0





#91  
1,2-Dichlorobenzene  
Concen: 47.718 ug/l  
RT: 14.112 min Scan# 2067  
Delta R.T. -0.000 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

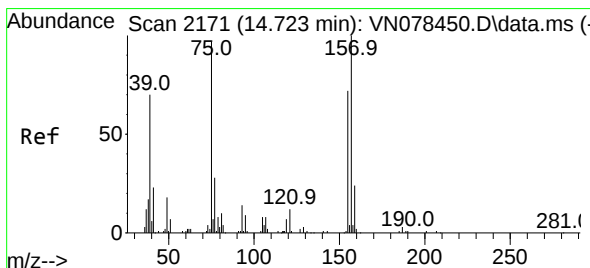
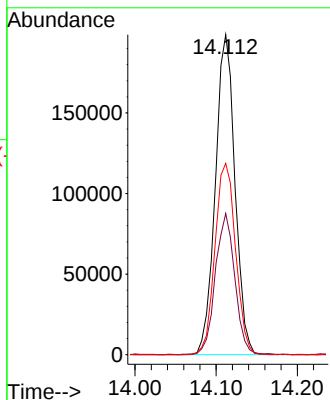
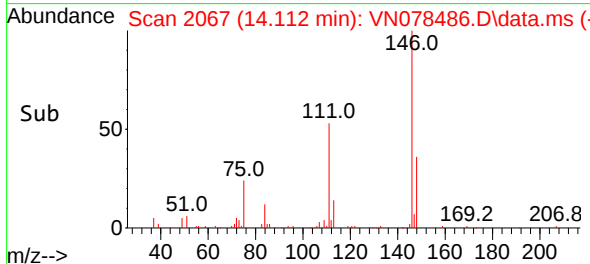
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:146 Resp: 334000  
Ion Ratio Lower Upper  
146 100  
111 43.8 22.0 66.0  
148 62.8 31.8 95.3

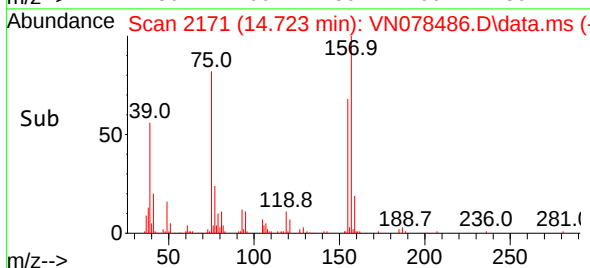
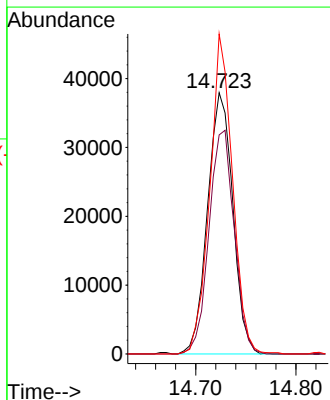
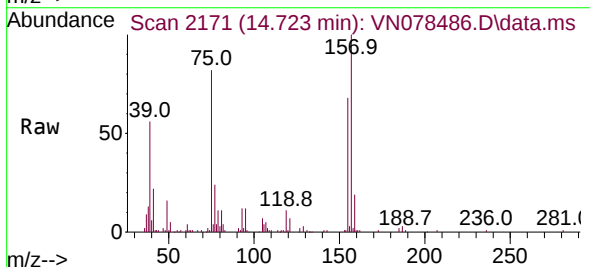
Manual Integrations  
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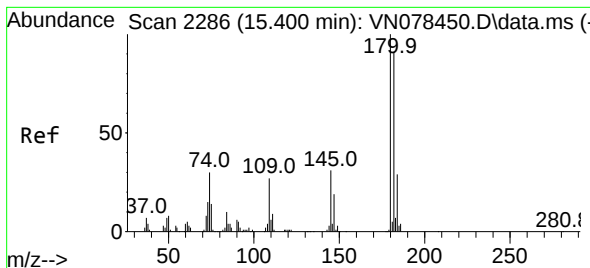
Reviewed By :John Carlone 07/13/2023  
Supervised By :Mahesh Dadoda 07/13/2023



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 76.793 ug/l  
RT: 14.723 min Scan# 2171  
Delta R.T. 0.000 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

Tgt Ion: 75 Resp: 66452  
Ion Ratio Lower Upper  
75 100  
155 85.6 39.1 117.2  
157 110.0 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 41.656 ug/l

RT: 15.400 min Scan# 2286

Delta R.T. -0.000 min

Lab File: VN078486.D

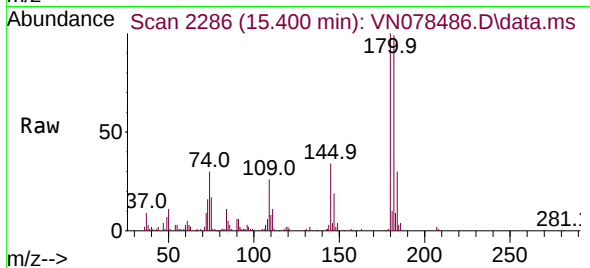
Acq: 12 Jul 2023 18:22

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC



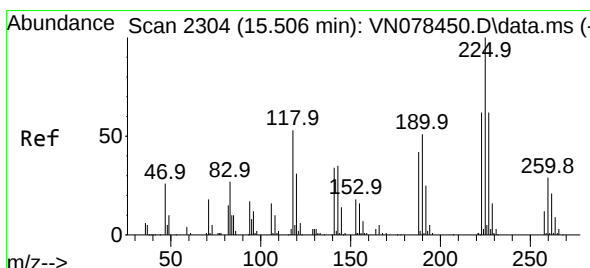
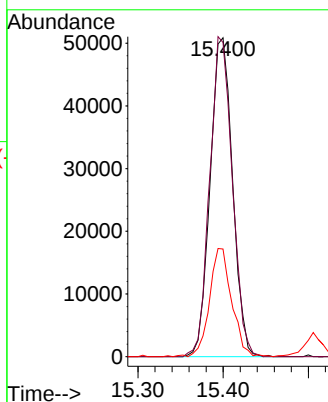
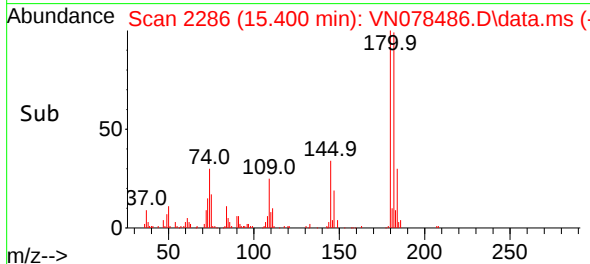
|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:180 | Resp: | 93050 |       |
| Ion Ratio   | Lower | Upper |       |
| 180         | 100   |       |       |
| 182         | 101.0 | 46.1  | 138.2 |
| 145         | 33.8  | 16.6  | 49.8  |

Manual Integrations

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Reviewed By :John Carlone 07/13/2023

Supervised By :Mahesh Dadoda 07/13/2023



#94

Hexachlorobutadiene

Concen: 40.374 ug/l

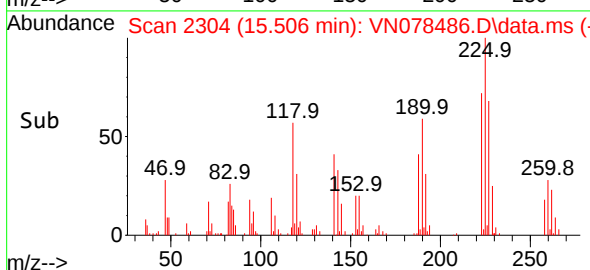
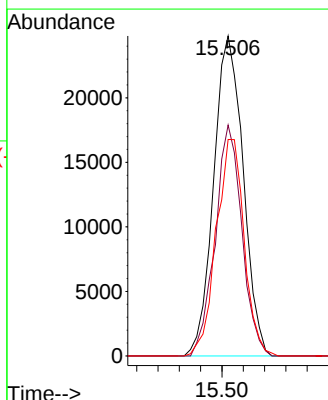
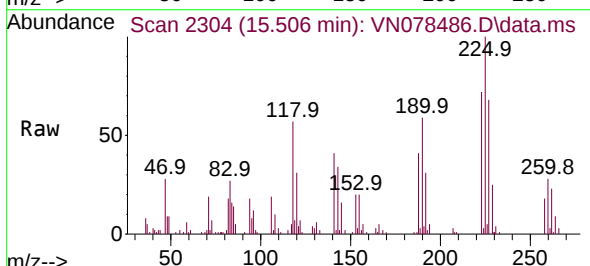
RT: 15.506 min Scan# 2304

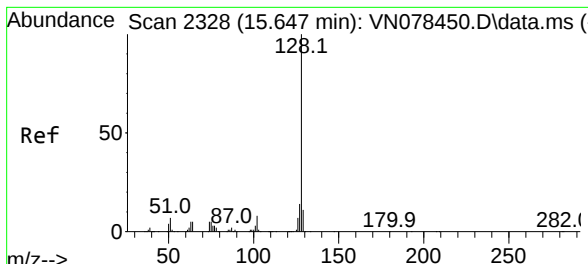
Delta R.T. -0.000 min

Lab File: VN078486.D

Acq: 12 Jul 2023 18:22

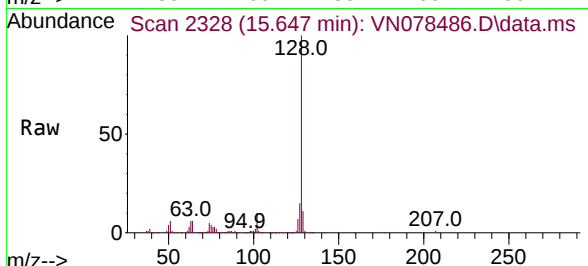
|             |       |       |      |
|-------------|-------|-------|------|
| Tgt Ion:225 | Resp: | 47578 |      |
| Ion Ratio   | Lower | Upper |      |
| 225         | 100   |       |      |
| 223         | 65.3  | 31.3  | 93.8 |
| 227         | 64.2  | 31.9  | 95.9 |





#95  
Naphthalene  
Concen: 49.245 ug/l  
RT: 15.647 min Scan# 2328  
Delta R.T. -0.000 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22

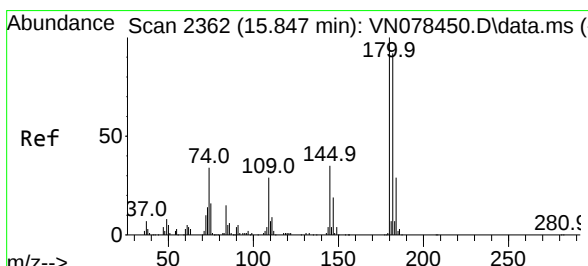
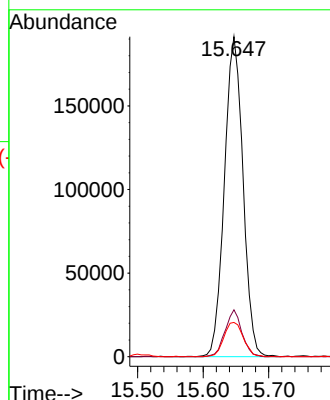
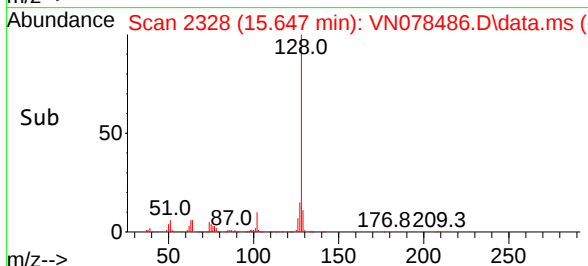
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



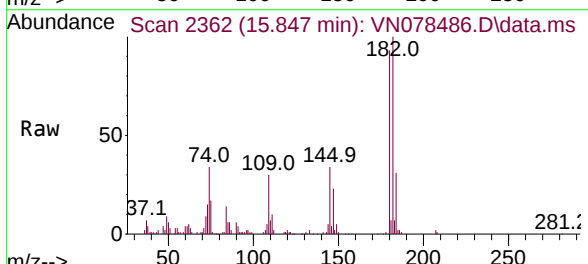
Tgt Ion:128 Resp: 376085  
Ion Ratio Lower Upper  
128 100  
127 13.3 10.0 15.0  
129 11.2 8.7 13.1

Manual Integrations  
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Reviewed By :John Carlone 07/13/2023  
Supervised By :Mahesh Dadoda 07/13/2023



#96  
1,2,3-Trichlorobenzene  
Concen: 42.975 ug/l  
RT: 15.847 min Scan# 2362  
Delta R.T. -0.000 min  
Lab File: VN078486.D  
Acq: 12 Jul 2023 18:22



Tgt Ion:180 Resp: 110387  
Ion Ratio Lower Upper  
180 100  
182 99.8 46.2 138.6  
145 37.4 17.5 52.6

