

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN012023\  
 Data File : VN076350.D  
 Acq On : 20 Jan 2023 16:54  
 Operator : JC\MD  
 Sample : VN0120MBS01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0120MBS01

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 01/23/2023  
 Supervised By : Mahesh Dadoda 01/25/2023

Quant Time: Jan 20 22:18:04 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011623W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 17 03:59:22 2023  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response            | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|---------------------|---------|--------|----------|
| -----                        |                |      |                     |         |        |          |
| Internal Standards           |                |      |                     |         |        |          |
| 1) Pentafluorobenzene        | 8.230          | 168  | 333438              | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.106          | 114  | 534621              | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.871         | 117  | 478705              | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.794         | 152  | 222426              | 50.000  | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |                     |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.583          | 65   | 196594              | 52.657  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 74 - 125 |      | Recovery = 105.320% |         |        |          |
| 35) Dibromofluoromethane     | 8.177          | 113  | 176370              | 52.738  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = 105.480% |         |        |          |
| 50) Toluene-d8               | 10.571         | 98   | 632665              | 51.225  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 86 - 113 |      | Recovery = 102.440% |         |        |          |
| 62) 4-Bromofluorobenzene     | 12.847         | 95   | 214729              | 53.257  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = 106.520% |         |        |          |
| Target Compounds             |                |      |                     |         |        |          |
|                              |                |      |                     |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.142          | 85   | 66052               | 19.331  | ug/l   | 96       |
| 3) Chloromethane             | 2.377          | 50   | 66311               | 18.744  | ug/l   | 94       |
| 4) Vinyl Chloride            | 2.530          | 62   | 86339               | 19.903  | ug/l   | 99       |
| 5) Bromomethane              | 2.971          | 94   | 74209               | 20.890  | ug/l   | 99       |
| 6) Chloroethane              | 3.136          | 64   | 63573               | 19.544  | ug/l   | 97       |
| 7) Trichlorofluoromethane    | 3.512          | 101  | 115629              | 19.375  | ug/l   | 96       |
| 8) Diethyl Ether             | 3.977          | 74   | 42100               | 21.032  | ug/l   | 98       |
| 9) 1,1,2-Trichlorotrifluo... | 4.389          | 101  | 66640               | 19.725  | ug/l   | 99       |
| 10) Methyl Iodide            | 4.606          | 142  | 102847              | 19.929  | ug/l   | 99       |
| 11) Tert butyl alcohol       | 5.536          | 59   | 51346               | 102.821 | ug/l   | 100      |
| 12) 1,1-Dichloroethene       | 4.359          | 96   | 60935               | 19.080  | ug/l   | 82       |
| 13) Acrolein                 | 4.195          | 56   | 59447               | 99.542  | ug/l   | 99       |
| 14) Allyl chloride           | 5.042          | 41   | 78975               | 21.220  | ug/l   | 91       |
| 15) Acrylonitrile            | 5.736          | 53   | 145757              | 102.569 | ug/l   | 99       |
| 16) Acetone                  | 4.448          | 43   | 121851              | 101.768 | ug/l   | 100      |
| 17) Carbon Disulfide         | 4.724          | 76   | 137235              | 17.258  | ug/l # | 94       |
| 18) Methyl Acetate           | 5.042          | 43   | 79552               | 19.613  | ug/l   | 97       |
| 19) Methyl tert-butyl Ether  | 5.812          | 73   | 225063              | 21.646  | ug/l   | 99       |
| 20) Methylene Chloride       | 5.289          | 84   | 82668               | 23.018  | ug/l   | 94       |
| 21) trans-1,2-Dichloroethene | 5.800          | 96   | 66025               | 19.083  | ug/l   | 94       |
| 22) Diisopropyl ether        | 6.683          | 45   | 186961              | 21.301  | ug/l   | 96       |
| 23) Vinyl Acetate            | 6.618          | 43   | 608983              | 107.357 | ug/l   | 100      |
| 24) 1,1-Dichloroethane       | 6.583          | 63   | 115982              | 19.824  | ug/l   | 97       |
| 25) 2-Butanone               | 7.494          | 43   | 183094              | 100.165 | ug/l   | 98       |
| 26) 2,2-Dichloropropane      | 7.500          | 77   | 102480              | 20.783  | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 7.500          | 96   | 80503               | 19.949  | ug/l   | 99       |
| 28) Bromochloromethane       | 7.818          | 49   | 49185               | 20.741  | ug/l   | 99       |
| 29) Tetrahydrofuran          | 7.841          | 42   | 120506              | 106.816 | ug/l   | 99       |
| 30) Chloroform               | 7.971          | 83   | 134511              | 20.778  | ug/l   | 96       |
| 31) Cyclohexane              | 8.265          | 56   | 103455              | 18.039  | ug/l   | 94       |
| 32) 1,1,1-Trichloroethane    | 8.177          | 97   | 119941              | 20.293  | ug/l   | 93       |
| 36) 1,1-Dichloropropene      | 8.377          | 75   | 91966               | 19.353  | ug/l   | 100      |
| 37) Ethyl Acetate            | 7.571          | 43   | 76425               | 20.072  | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 8.371          | 117  | 104583              | 19.735  | ug/l   | 99       |
| 39) Methylcyclohexane        | 9.606          | 83   | 112573              | 19.398  | ug/l   | 99       |
| 40) Benzene                  | 8.612          | 78   | 286648              | 20.173  | ug/l   | 99       |

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 Sample : VN0120MBS01  
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 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0120MBS01

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 01/23/2023  
 Supervised By : Mahesh Dadoda 01/25/2023

Quant Time: Jan 20 22:18:04 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011623W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 17 03:59:22 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.789  | 41   | 40114    | 20.100  | ug/l   | 95       |
| 42) 1,2-Dichloroethane        | 8.677  | 62   | 101132   | 20.801  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.694  | 43   | 130327   | 21.018  | ug/l   | 99       |
| 44) Trichloroethene           | 9.353  | 130  | 77967    | 19.400  | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 9.624  | 63   | 68327    | 20.084  | ug/l   | 100      |
| 46) Dibromomethane            | 9.712  | 93   | 52892    | 20.592  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.888  | 83   | 104462   | 20.968  | ug/l   | 96       |
| 48) Methyl methacrylate       | 9.683  | 41   | 61166    | 20.836  | ug/l   | 99       |
| 49) 1,4-Dioxane               | 9.700  | 88   | 25915    | 418.375 | ug/l # | 83       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 394109   | 108.269 | ug/l   | 99       |
| 52) Toluene                   | 10.630 | 92   | 190642   | 20.062  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.841 | 75   | 101962   | 21.469  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene   | 10.318 | 75   | 112554   | 20.600  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 77021    | 21.205  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.877 | 69   | 105895   | 22.583  | ug/l   | 100      |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 124809   | 21.145  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.165 | 63   | 130171   | 82.228  | ug/l   | 100      |
| 59) 2-Hexanone                | 11.200 | 43   | 279999   | 106.148 | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.359 | 129  | 85841    | 22.451  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 77070    | 21.258  | ug/l   | 99       |
| 64) Tetrachloroethene         | 11.106 | 164  | 84796    | 19.642  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.894 | 112  | 206283   | 20.385  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 76228    | 20.247  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.965 | 91   | 362819   | 20.949  | ug/l   | 99       |
| 68) m/p-Xylenes               | 12.076 | 106  | 285736   | 41.145  | ug/l   | 100      |
| 69) o-Xylene                  | 12.400 | 106  | 143859   | 21.094  | ug/l   | 100      |
| 70) Styrene                   | 12.412 | 104  | 225440   | 20.703  | ug/l   | 98       |
| 71) Bromoform                 | 12.582 | 173  | 57949    | 21.313  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.700 | 105  | 366283   | 21.287  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.494 | 43   | 104048   | 21.022  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 103502   | 20.924  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 80841m   | 19.370  | ug/l   |          |
| 77) Bromobenzene              | 12.982 | 156  | 87678    | 21.474  | ug/l   | 100      |
| 78) n-propylbenzene           | 13.035 | 91   | 411895   | 21.215  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 245242   | 20.585  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 313485   | 21.747  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.741 | 75   | 27340    | 20.451  | ug/l # | 86       |
| 82) 4-Chlorotoluene           | 13.123 | 91   | 245242   | 20.585  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 281161   | 21.930  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 309247   | 21.394  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.618 | 105  | 379791   | 21.348  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 316110   | 21.608  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 160490   | 19.789  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 158248   | 20.572  | ug/l   | 99       |
| 89) n-Butylbenzene            | 14.059 | 91   | 242771   | 20.905  | ug/l   | 100      |
| 90) Hexachloroethane          | 14.335 | 117  | 51863    | 20.541  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 158361   | 19.605  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 16414    | 19.090  | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 72211    | 19.323  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.506 | 225  | 39731    | 18.535  | ug/l   | 98       |
| 95) Naphthalene               | 15.641 | 128  | 210583   | 19.390  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 69703    | 19.457  | ug/l   | 97       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN012023\  
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Operator : JC\MD  
Sample : VN0120MBS01  
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120MBS01

Manual Integrations  
APPROVED

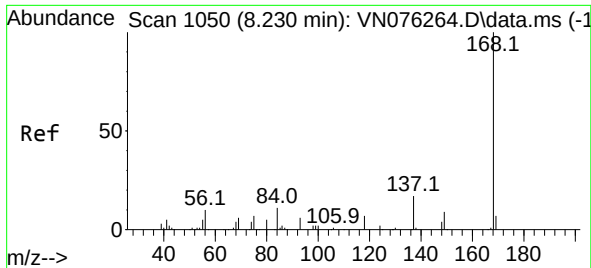
Reviewed By :John Carlone 01/23/2023  
Supervised By :Mahesh Dadoda 01/25/2023

Quant Time: Jan 20 22:18:04 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011623W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jan 17 03:59:22 2023  
Response via : Initial Calibration

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

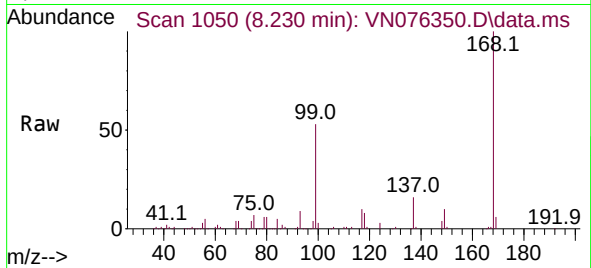
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1050  
Delta R.T. -0.000 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

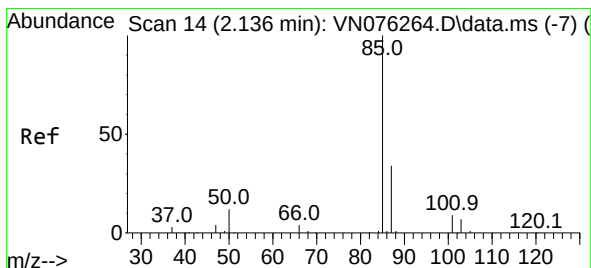
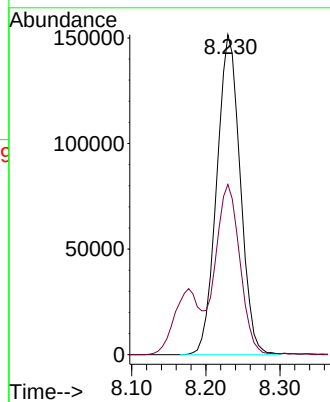
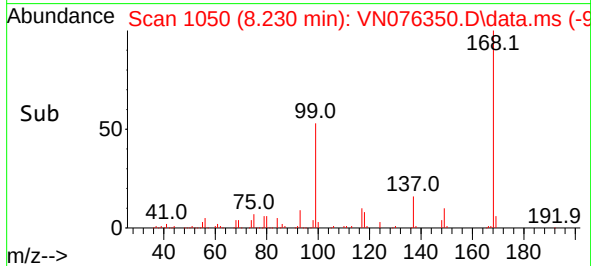
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120MBSD01



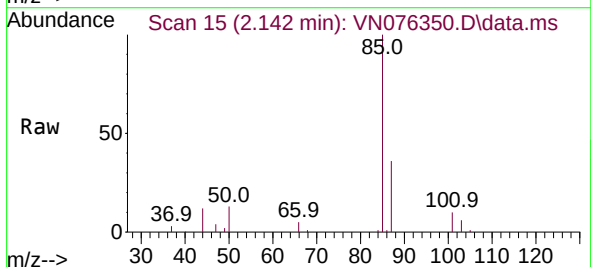
Tgt Ion:168 Resp: 333438  
Ion Ratio Lower Upper  
168 100  
99 52.9 41.6 62.4

Manual Integrations  
APPROVED

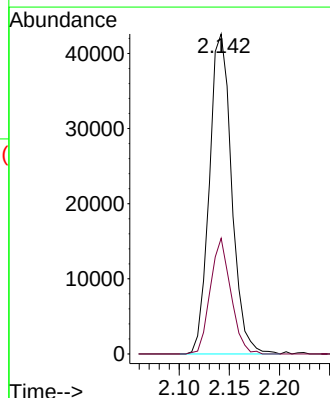
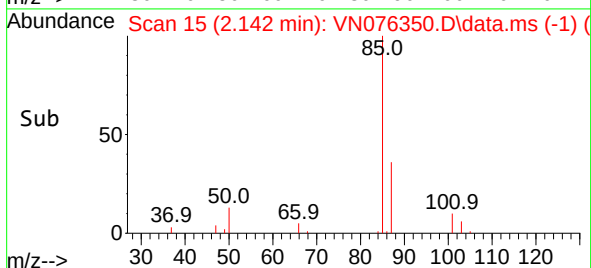
Reviewed By :John Carlone 01/23/2023  
Supervised By :Mahesh Dadoda 01/25/2023

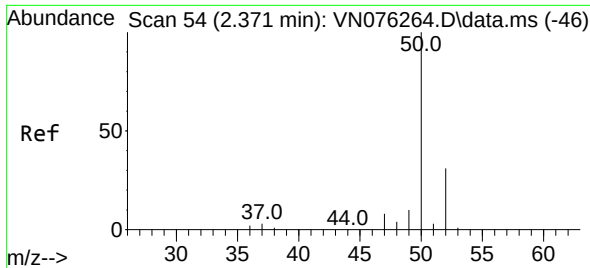


#2  
Dichlorodifluoromethane  
Concen: 19.331 ug/l  
RT: 2.142 min Scan# 15  
Delta R.T. 0.006 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54



Tgt Ion: 85 Resp: 66052  
Ion Ratio Lower Upper  
85 100  
87 36.1 17.1 51.2





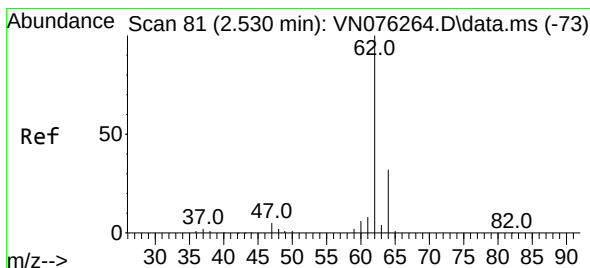
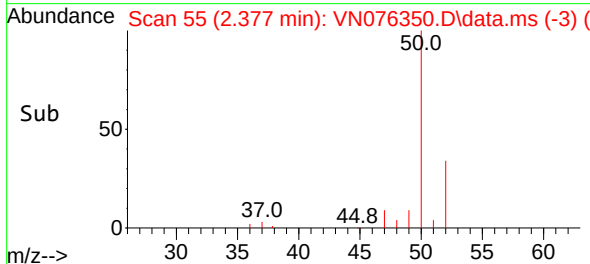
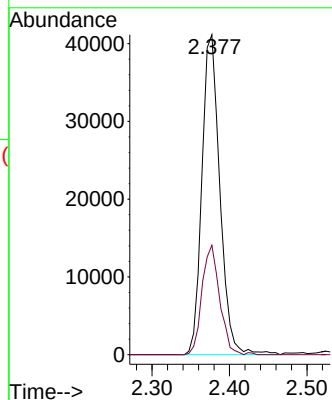
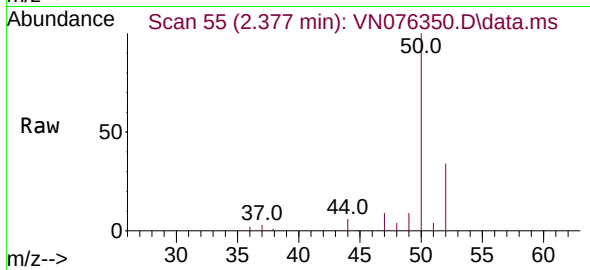
#3  
Chloromethane  
Concen: 18.744 ug/l  
RT: 2.377 min Scan# 50  
Delta R.T. 0.006 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120MBSD01

Tgt Ion: 50 Resp: 6631  
Ion Ratio Lower Upper  
50 100  
52 34.2 24.8 37.2

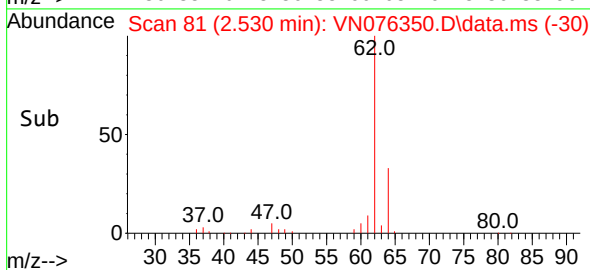
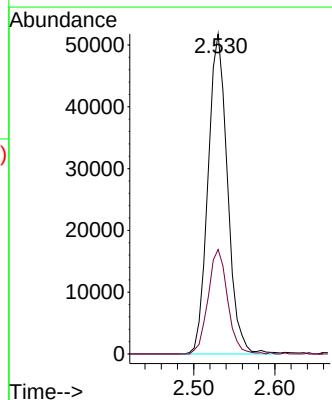
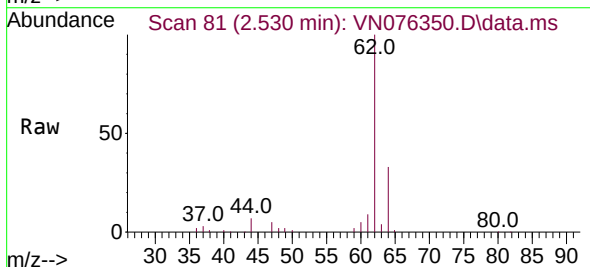
Manual Integrations  
APPROVED

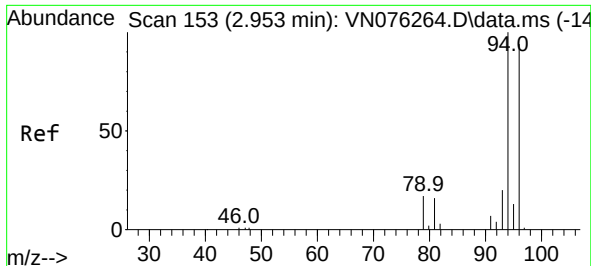
Reviewed By :John Carlone 01/23/2023  
Supervised By :Mahesh Dadoda 01/25/2023



#4  
Vinyl Chloride  
Concen: 19.903 ug/l  
RT: 2.530 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

Tgt Ion: 62 Resp: 86339  
Ion Ratio Lower Upper  
62 100  
64 32.6 25.8 38.6





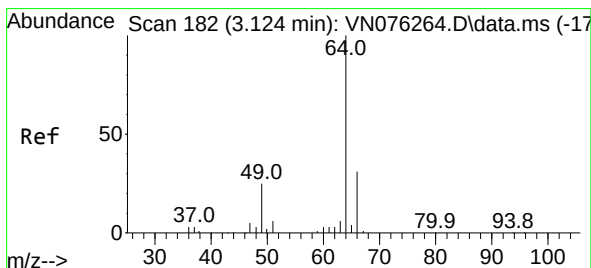
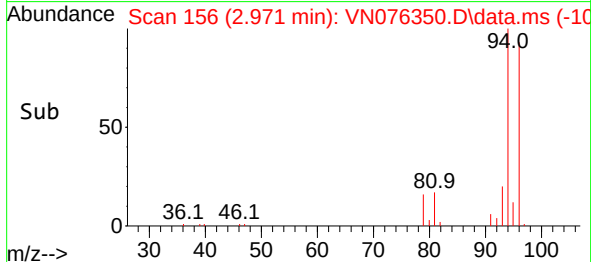
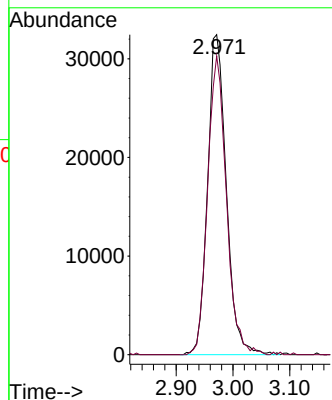
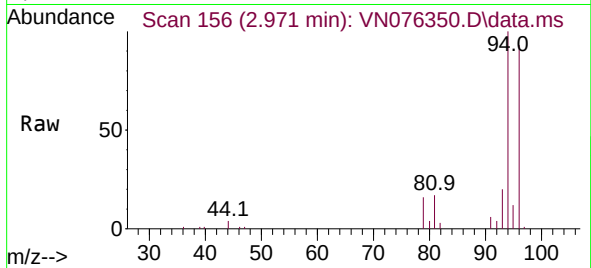
#5  
Bromomethane  
Concen: 20.890 ug/l  
RT: 2.971 min Scan# 156  
Delta R.T. 0.018 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120MBS01

Tgt Ion: 94 Resp: 74209  
Ion Ratio Lower Upper  
94 100  
96 93.3 75.1 112.7

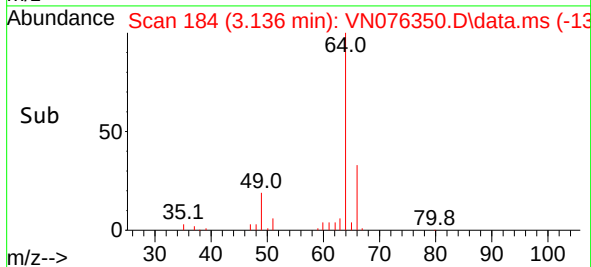
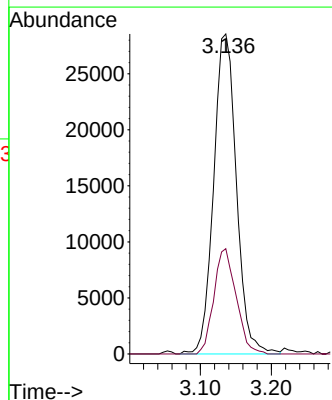
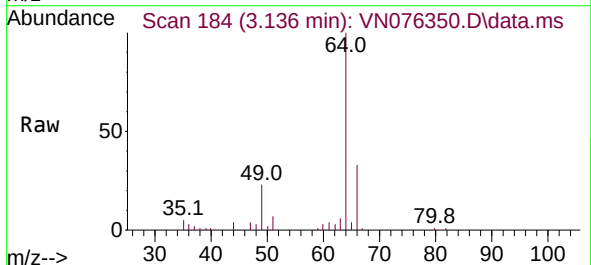
Manual Integrations  
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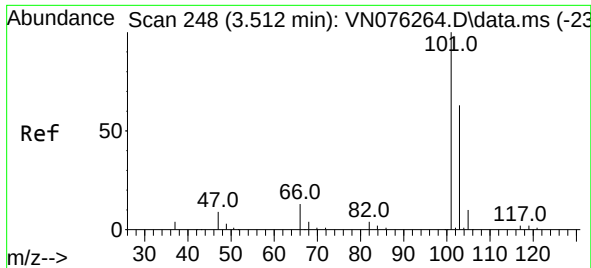
Reviewed By :John Carlone 01/23/2023  
Supervised By :Mahesh Dadoda 01/25/2023



#6  
Chloroethane  
Concen: 19.544 ug/l  
RT: 3.136 min Scan# 184  
Delta R.T. 0.012 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

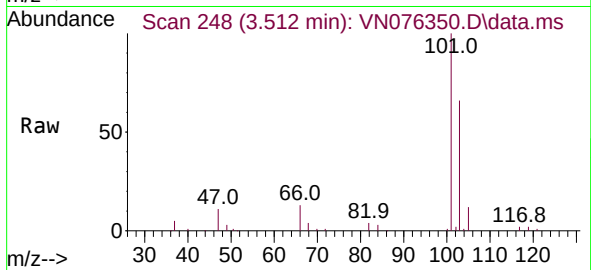
Tgt Ion: 64 Resp: 63573  
Ion Ratio Lower Upper  
64 100  
66 32.9 24.8 37.2





#7  
 Trichlorofluoromethane  
 Concen: 19.375 ug/l  
 RT: 3.512 min Scan# 248  
 Delta R.T. 0.000 min  
 Lab File: VN076350.D  
 Acq: 20 Jan 2023 16:54

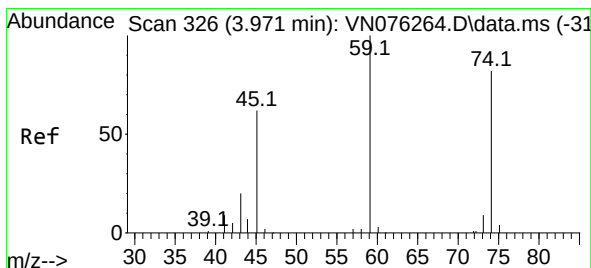
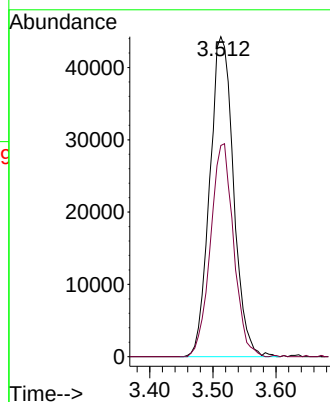
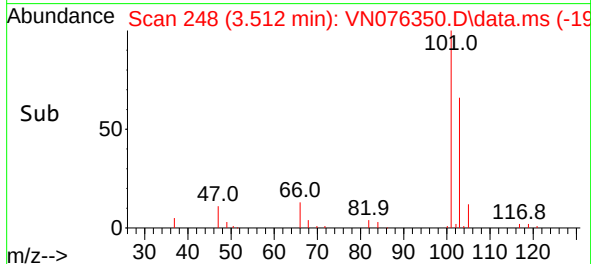
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0120MBSD01



Tgt Ion:101 Resp: 115629  
 Ion Ratio Lower Upper  
 101 100  
 103 66.0 50.2 75.4

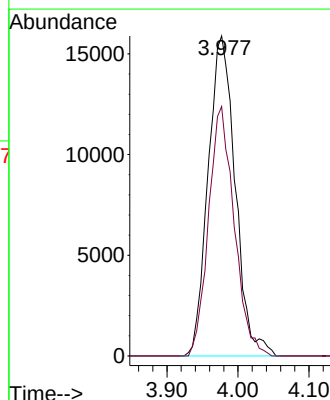
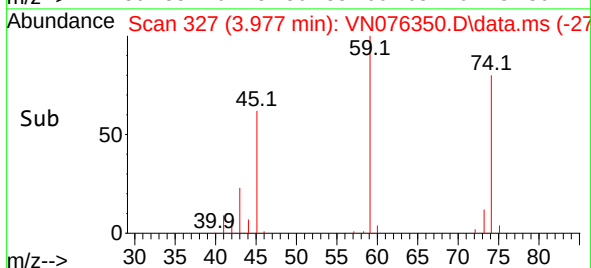
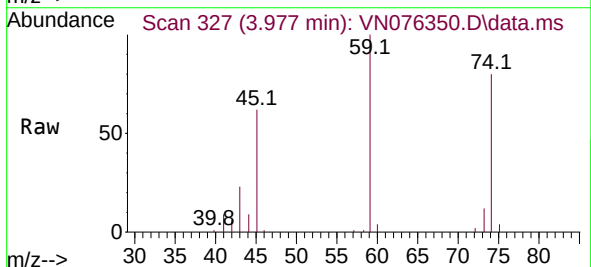
Manual Integrations  
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Reviewed By :John Carlone 01/23/2023  
 Supervised By :Mahesh Dadoda 01/25/2023

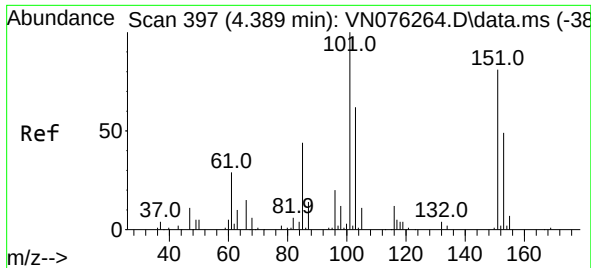


#8  
 Diethyl Ether  
 Concen: 21.032 ug/l  
 RT: 3.977 min Scan# 327  
 Delta R.T. 0.006 min  
 Lab File: VN076350.D  
 Acq: 20 Jan 2023 16:54

Tgt Ion: 74 Resp: 42100  
 Ion Ratio Lower Upper  
 74 100  
 45 73.7 37.8 113.3







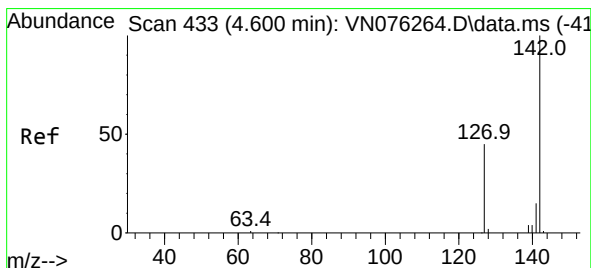
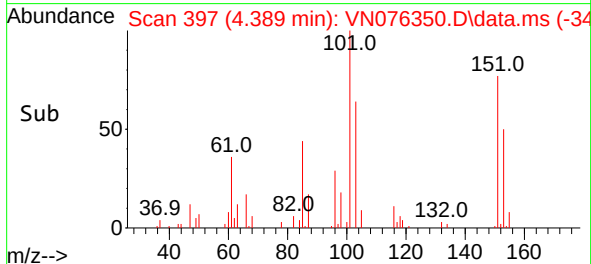
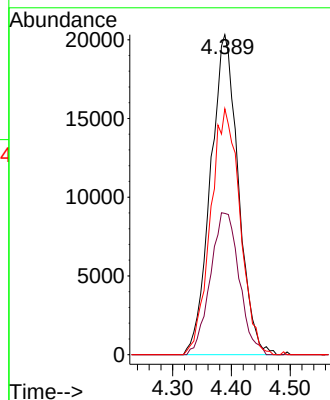
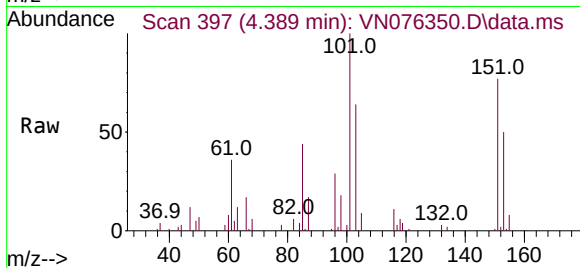
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.725 ug/l  
RT: 4.389 min Scan# 397  
Delta R.T. -0.000 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120MBSD01

Tgt Ion:101 Resp: 66640  
Ion Ratio Lower Upper  
101 100  
85 46.0 35.5 53.3  
151 81.6 65.5 98.3

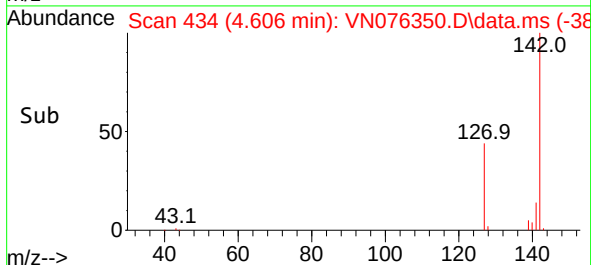
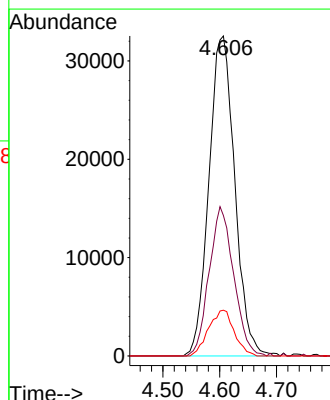
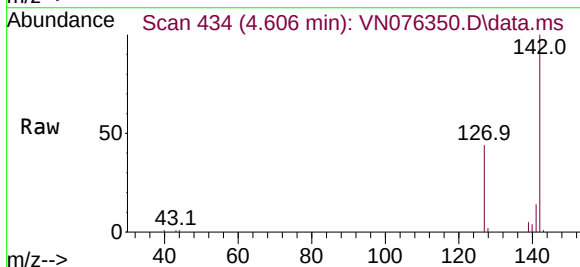
Manual Integrations  
APPROVED

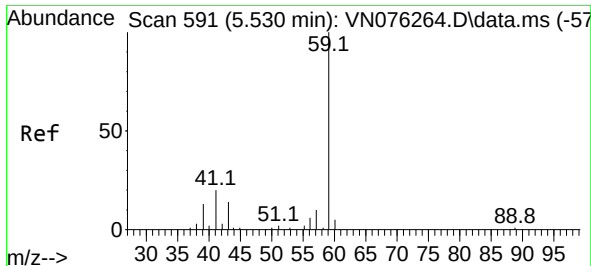
Reviewed By :John Carlone 01/23/2023  
Supervised By :Mahesh Dadoda 01/25/2023



#10  
Methyl Iodide  
Concen: 19.929 ug/l  
RT: 4.606 min Scan# 434  
Delta R.T. 0.006 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

Tgt Ion:142 Resp: 102847  
Ion Ratio Lower Upper  
142 100  
127 44.3 35.0 52.4  
141 14.2 11.5 17.3





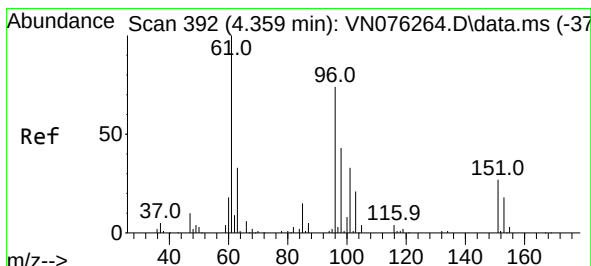
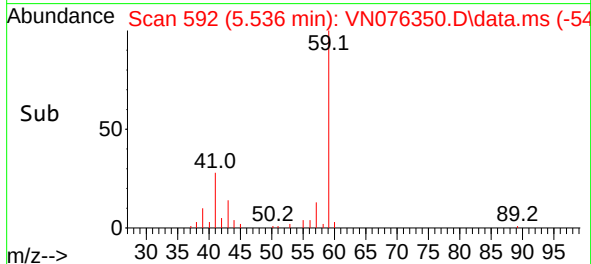
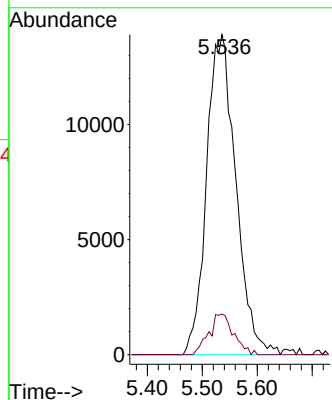
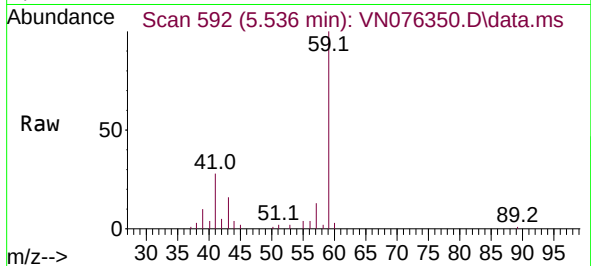
#11  
Tert butyl alcohol  
Concen: 102.821 ug/l  
RT: 5.536 min Scan# 591  
Delta R.T. 0.006 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120MBS01

Tgt Ion: 59 Resp: 51340  
Ion Ratio Lower Upper  
59 100  
57 10.8 8.5 12.7

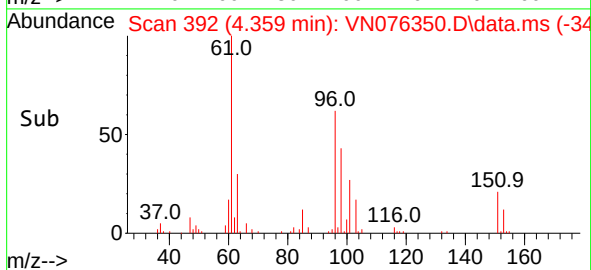
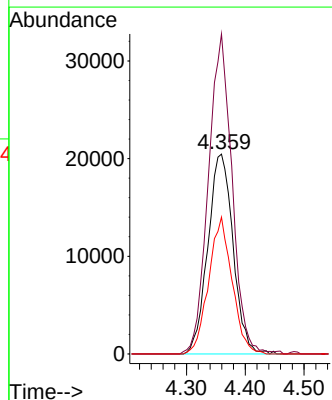
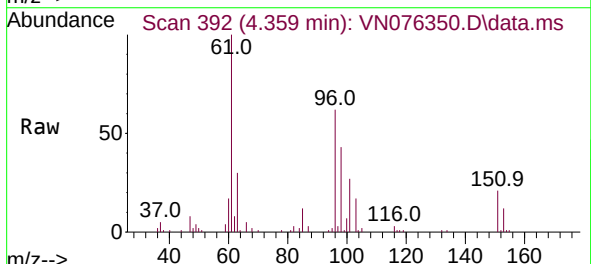
Manual Integrations  
APPROVED

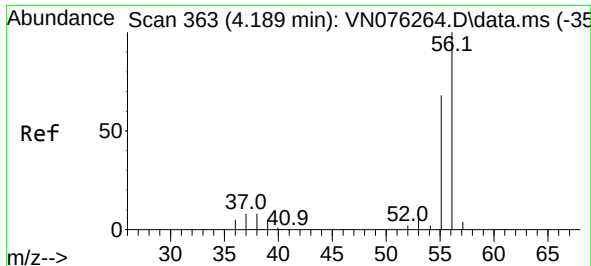
Reviewed By :John Carlone 01/23/2023  
Supervised By :Mahesh Dadoda 01/25/2023



#12  
1,1-Dichloroethene  
Concen: 19.080 ug/l  
RT: 4.359 min Scan# 392  
Delta R.T. 0.000 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

Tgt Ion: 96 Resp: 60935  
Ion Ratio Lower Upper  
96 100  
61 160.1 108.2 162.4  
98 68.4 47.0 70.6





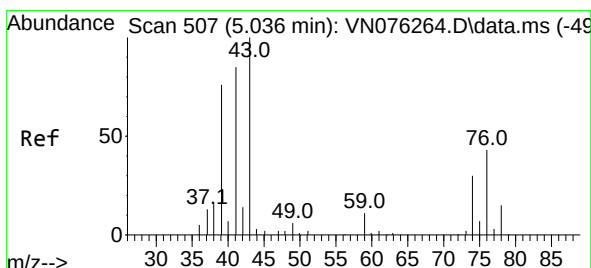
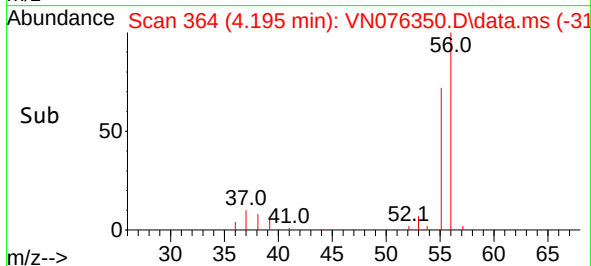
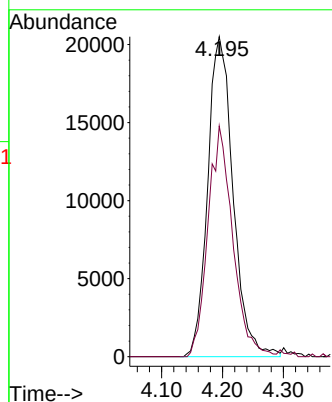
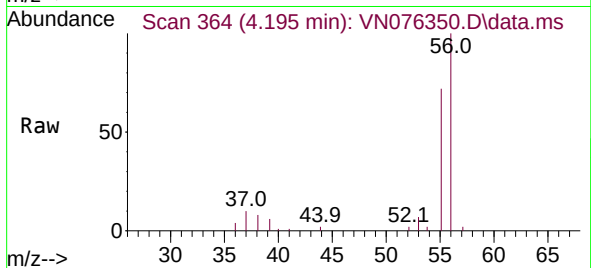
#13  
Acrolein  
Concen: 99.542 ug/l  
RT: 4.195 min Scan# 30  
Delta R.T. 0.006 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120MBSD01

Tgt Ion: 56 Resp: 5944  
Ion Ratio Lower Upper  
56 100  
55 70.2 55.8 83.6

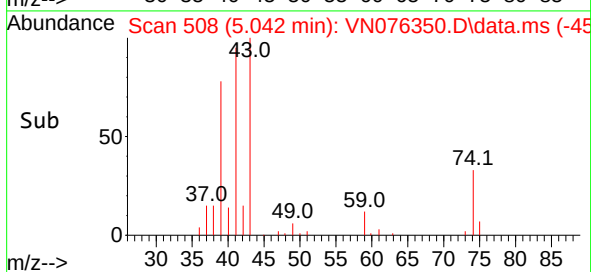
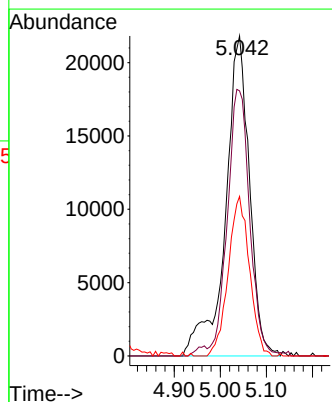
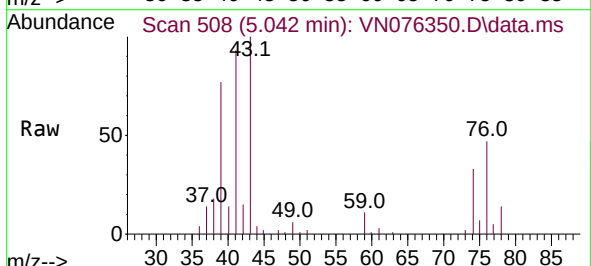
Manual Integrations  
APPROVED

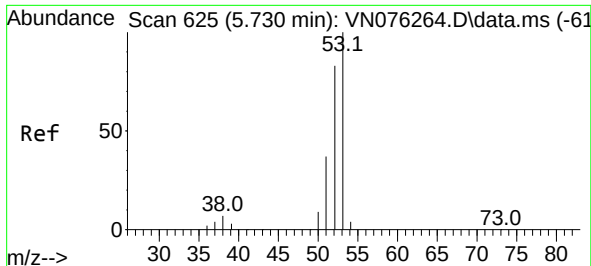
Reviewed By :John Carlone 01/23/2023  
Supervised By :Mahesh Dadoda 01/25/2023



#14  
Allyl chloride  
Concen: 21.220 ug/l  
RT: 5.042 min Scan# 508  
Delta R.T. 0.006 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

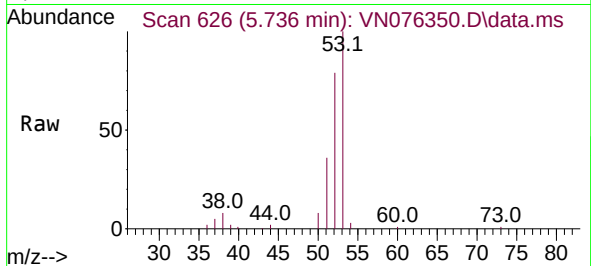
Tgt Ion: 41 Resp: 78975  
Ion Ratio Lower Upper  
41 100  
39 75.3 67.4 101.0  
76 44.0 39.8 59.8





#15  
Acrylonitrile  
Concen: 102.569 ug/l  
RT: 5.736 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

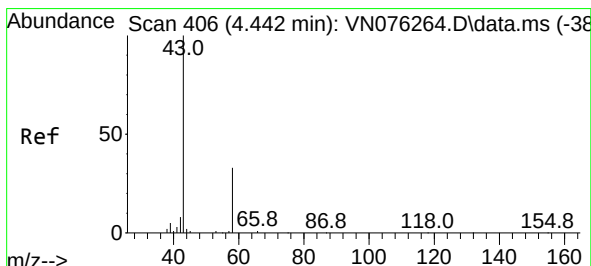
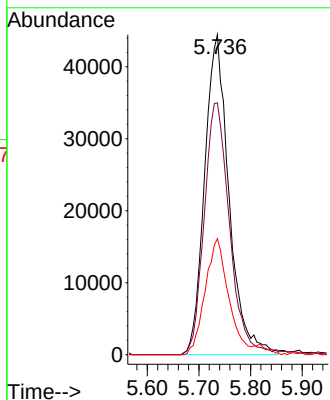
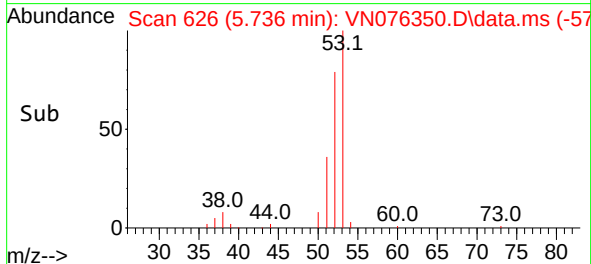
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120MBSD01



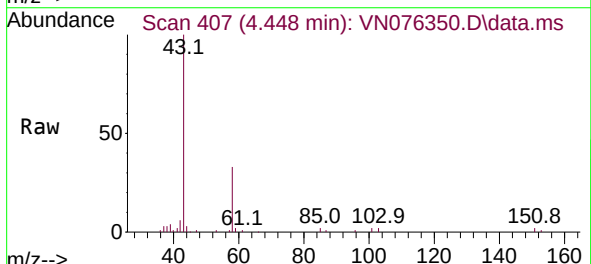
Tgt Ion: 53 Resp: 14575  
Ion Ratio Lower Upper  
53 100  
52 81.3 64.7 97.1  
51 34.7 29.2 43.8

Manual Integrations  
APPROVED

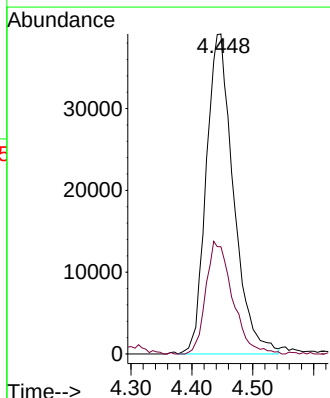
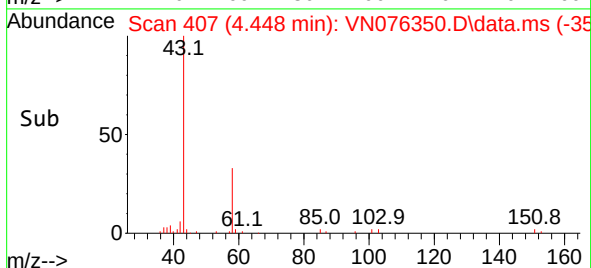
Reviewed By :John Carlone 01/23/2023  
Supervised By :Mahesh Dadoda 01/25/2023

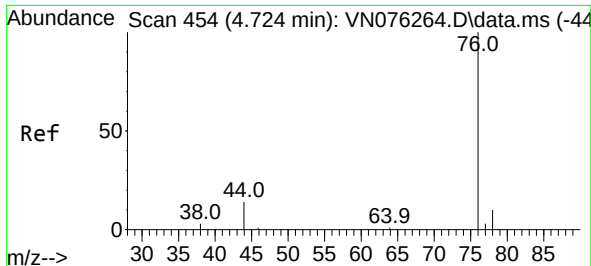


#16  
Acetone  
Concen: 101.768 ug/l  
RT: 4.448 min Scan# 407  
Delta R.T. 0.006 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54



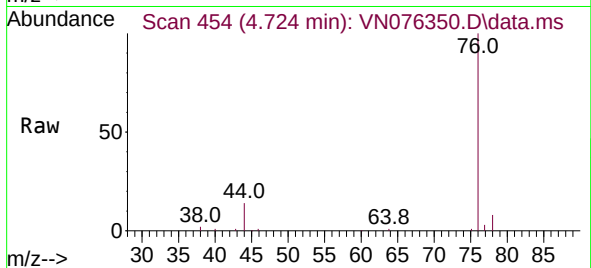
Tgt Ion: 43 Resp: 121851  
Ion Ratio Lower Upper  
43 100  
58 33.5 26.7 40.1





#17  
Carbon Disulfide  
Concen: 17.258 ug/l  
RT: 4.724 min Scan# 454  
Delta R.T. 0.000 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

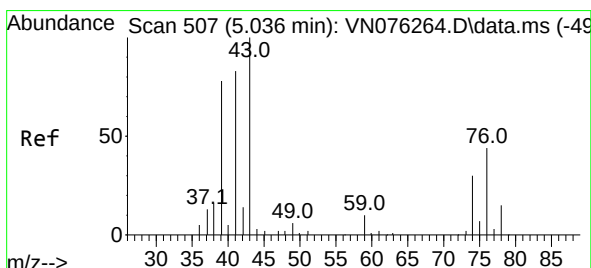
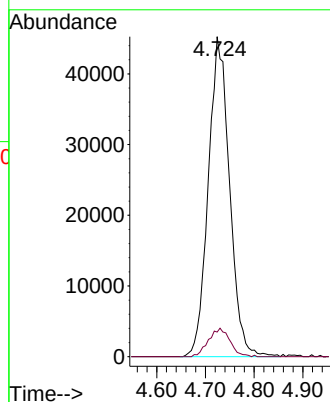
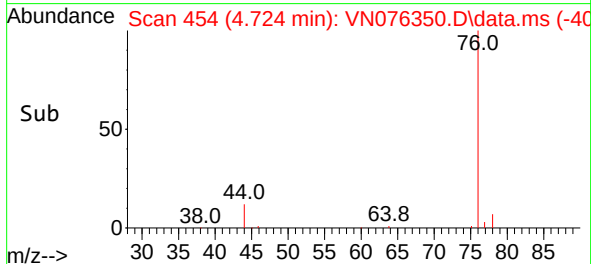
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120MBSD01



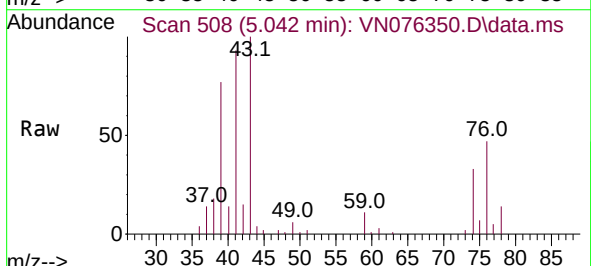
Tgt Ion: 76 Resp: 137235  
Ion Ratio Lower Upper  
76 100  
78 7.7 8.0 12.0

Manual Integrations  
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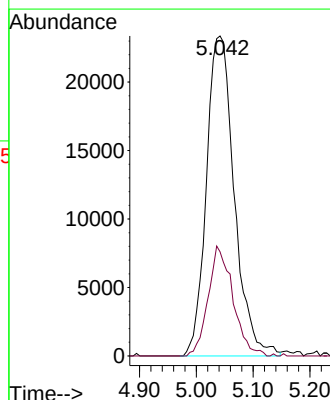
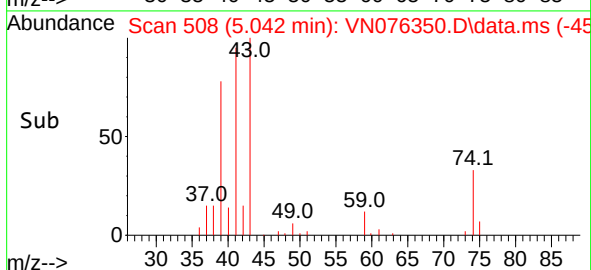
Reviewed By :John Carlone 01/23/2023  
Supervised By :Mahesh Dadoda 01/25/2023

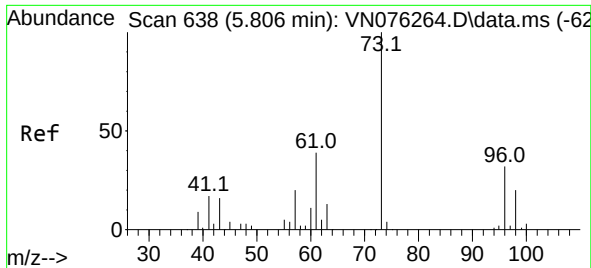


#18  
Methyl Acetate  
Concen: 19.613 ug/l  
RT: 5.042 min Scan# 508  
Delta R.T. 0.006 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54



Tgt Ion: 43 Resp: 79552  
Ion Ratio Lower Upper  
43 100  
74 30.5 23.3 34.9





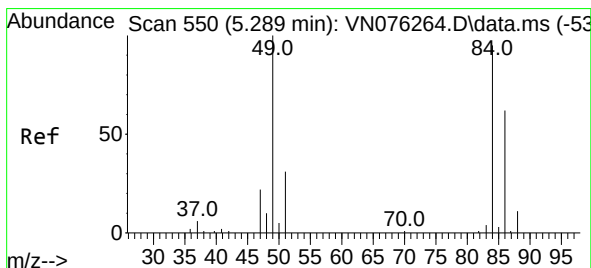
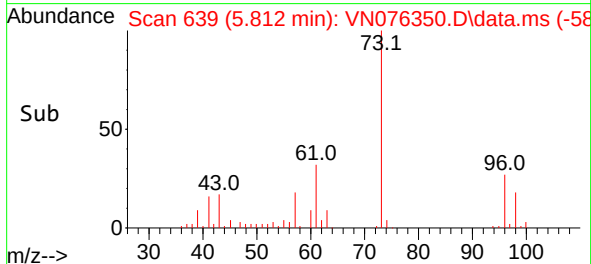
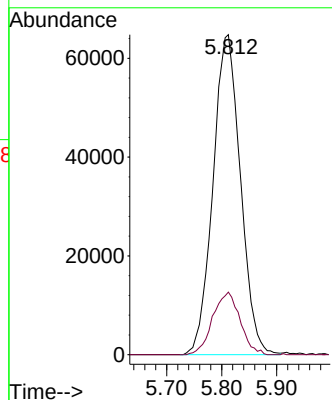
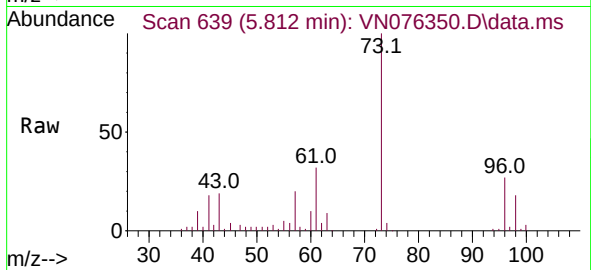
#19  
Methyl tert-butyl Ether  
Concen: 21.646 ug/l  
RT: 5.812 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120MBS01

Tgt Ion: 73 Resp: 22506  
Ion Ratio Lower Upper  
73 100  
57 19.6 15.9 23.9

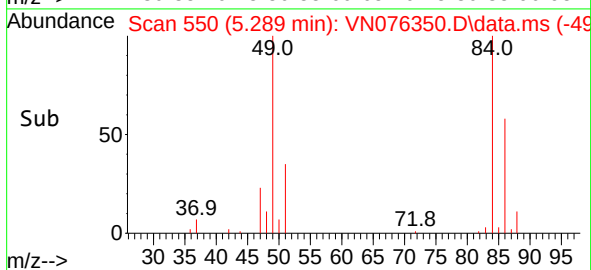
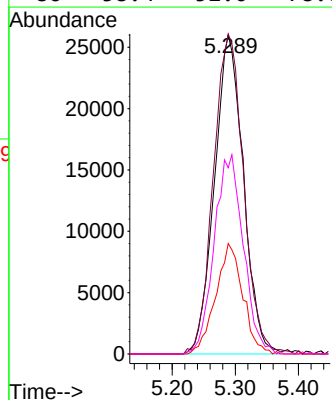
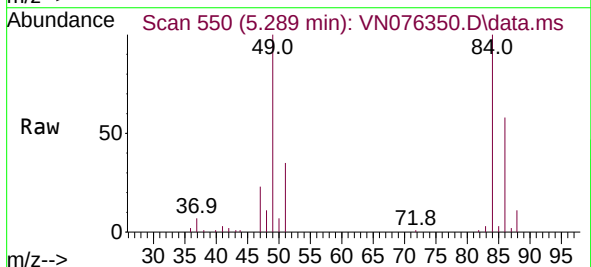
Manual Integrations  
APPROVED

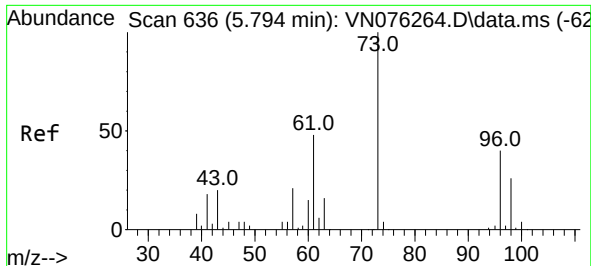
Reviewed By :John Carlone 01/23/2023  
Supervised By :Mahesh Dadoda 01/25/2023



#20  
Methylene Chloride  
Concen: 23.018 ug/l  
RT: 5.289 min Scan# 550  
Delta R.T. -0.000 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

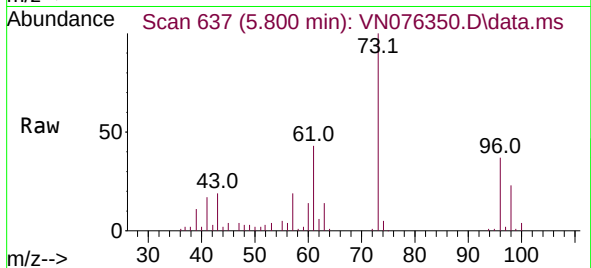
Tgt Ion: 84 Resp: 82668  
Ion Ratio Lower Upper  
84 100  
49 100.4 84.5 126.7  
51 34.6 26.0 39.0  
86 58.4 52.0 78.0





#21  
trans-1,2-Dichloroethene  
Concen: 19.083 ug/l  
RT: 5.800 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

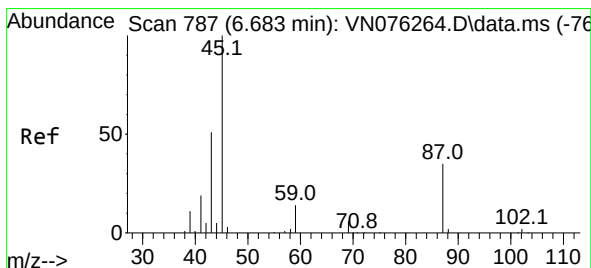
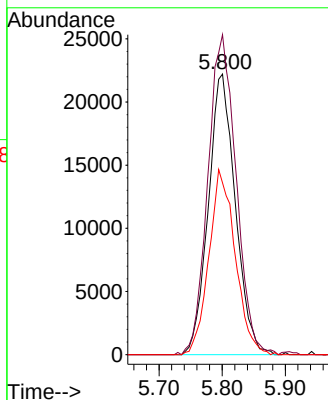
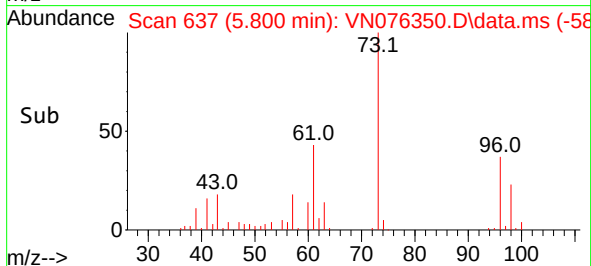
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120MBSD01



Tgt Ion: 96 Resp: 6602  
Ion Ratio Lower Upper  
96 100  
61 114.0 97.0 145.4  
98 61.2 51.9 77.9

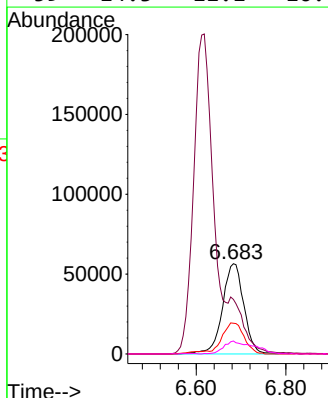
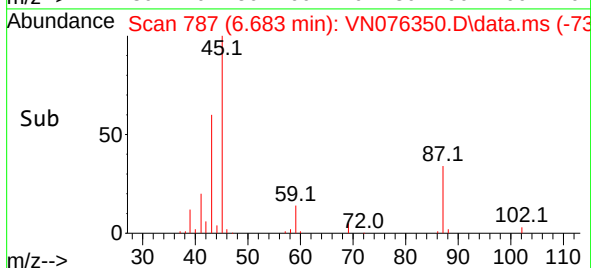
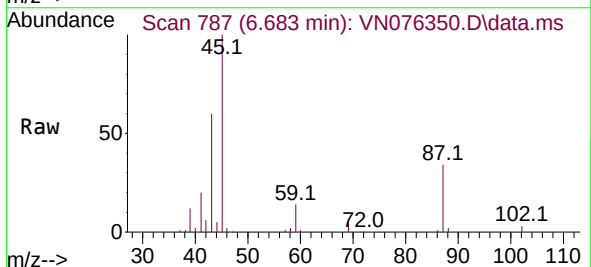
Manual Integrations  
APPROVED

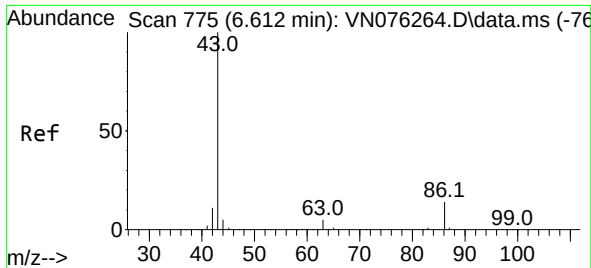
Reviewed By :John Carlone 01/23/2023  
Supervised By :Mahesh Dadoda 01/25/2023



#22  
Diisopropyl ether  
Concen: 21.301 ug/l  
RT: 6.683 min Scan# 787  
Delta R.T. -0.000 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

Tgt Ion: 45 Resp: 186961  
Ion Ratio Lower Upper  
45 100  
43 59.0 44.4 66.6  
87 34.0 28.4 42.6  
59 14.3 11.1 16.7





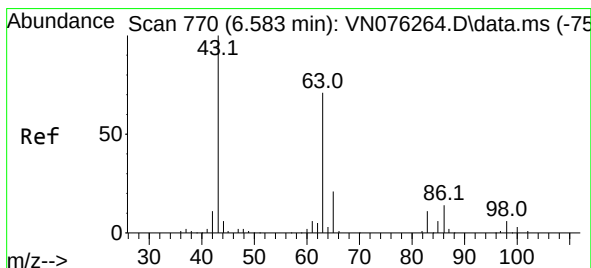
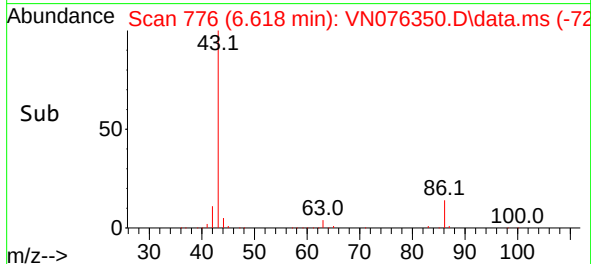
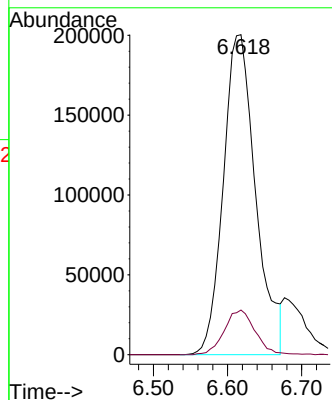
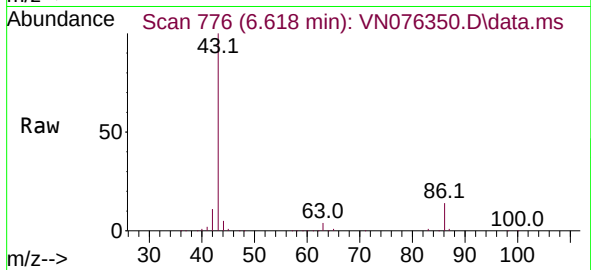
#23  
 Vinyl Acetate  
 Concen: 107.357 ug/l  
 RT: 6.618 min Scan# 775  
 Delta R.T. 0.006 min  
 Lab File: VN076350.D  
 Acq: 20 Jan 2023 16:54

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0120MBSD01

Tgt Ion: 43 Resp: 60898  
 Ion Ratio Lower Upper  
 43 100  
 86 13.9 11.2 16.8

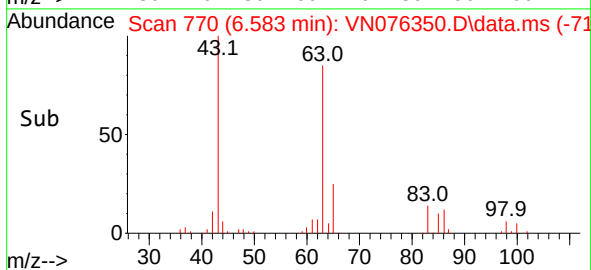
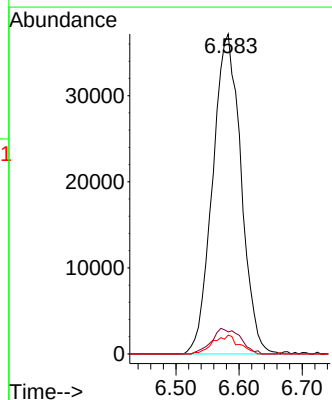
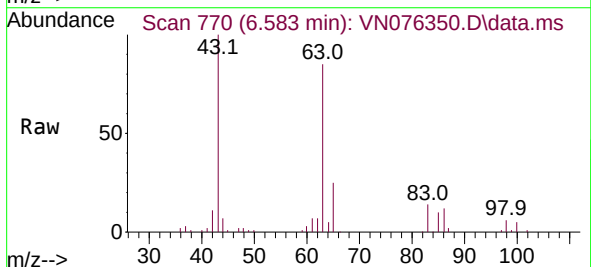
Manual Integrations  
 APPROVED

Reviewed By :John Carlone 01/23/2023  
 Supervised By :Mahesh Dadoda 01/25/2023

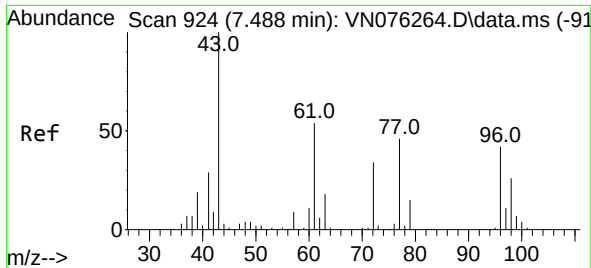


#24  
 1,1-Dichloroethane  
 Concen: 19.824 ug/l  
 RT: 6.583 min Scan# 770  
 Delta R.T. -0.000 min  
 Lab File: VN076350.D  
 Acq: 20 Jan 2023 16:54

Tgt Ion: 63 Resp: 115982  
 Ion Ratio Lower Upper  
 63 100  
 98 6.9 3.9 11.7  
 100 5.9 2.2 6.6

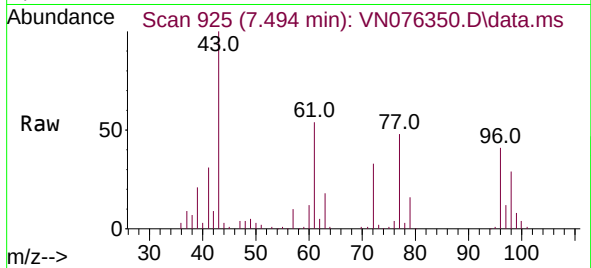






#25  
2-Butanone  
Concen: 100.165 ug/l  
RT: 7.494 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

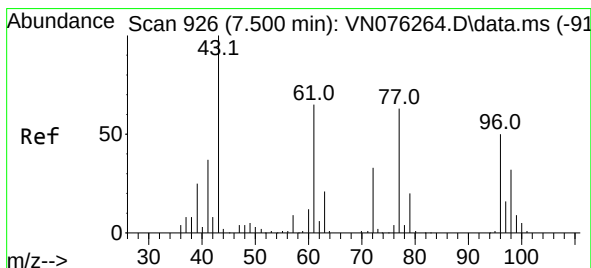
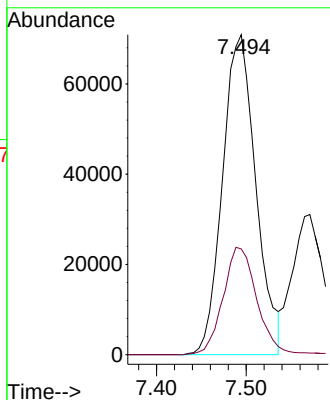
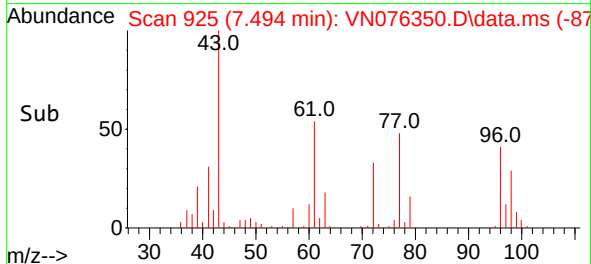
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120MBSD01



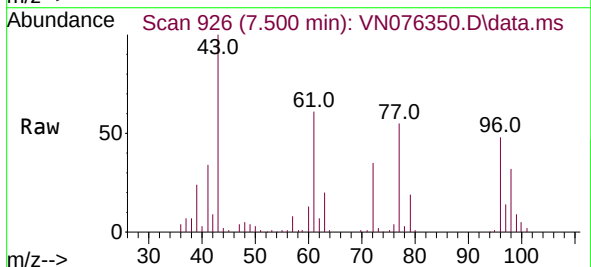
Tgt Ion: 43 Resp: 183094  
Ion Ratio Lower Upper  
43 100  
72 33.1 27.4 41.2

Manual Integrations  
APPROVED

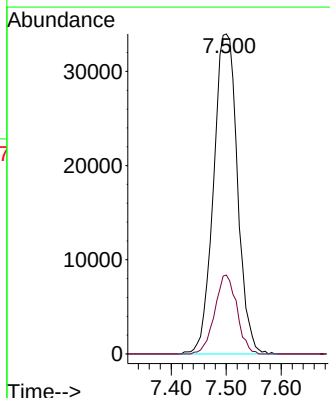
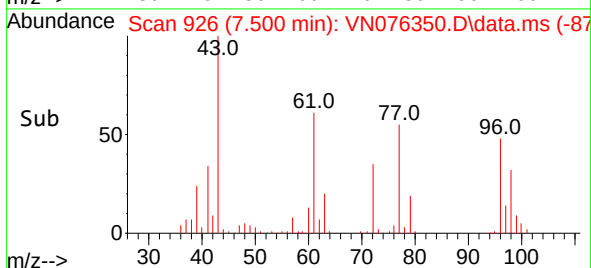
Reviewed By :John Carlone 01/23/2023  
Supervised By :Mahesh Dadoda 01/25/2023

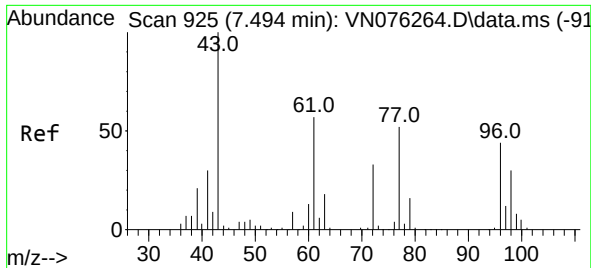


#26  
2,2-Dichloropropane  
Concen: 20.783 ug/l  
RT: 7.500 min Scan# 926  
Delta R.T. 0.000 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54



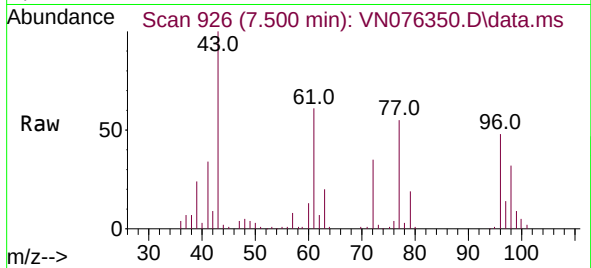
Tgt Ion: 77 Resp: 102480  
Ion Ratio Lower Upper  
77 100  
97 22.9 11.8 35.4





#27  
cis-1,2-Dichloroethene  
Concen: 19.949 ug/l  
RT: 7.500 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

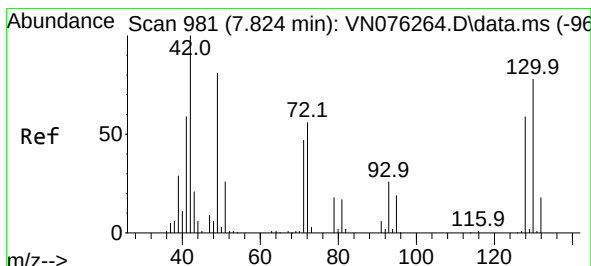
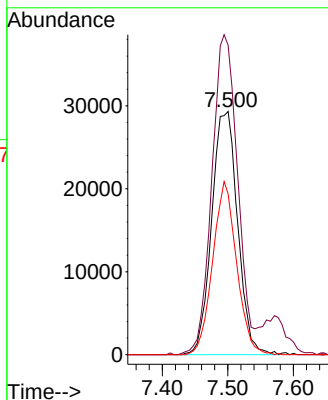
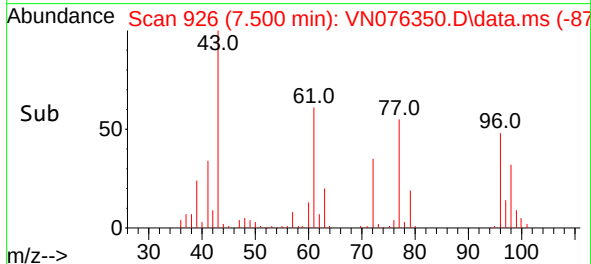
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120MBSD01



Tgt Ion: 96 Resp: 8050  
Ion Ratio Lower Upper  
96 100  
61 130.7 0.0 259.6  
98 65.7 0.0 129.4

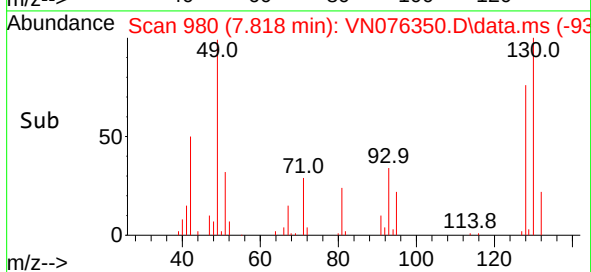
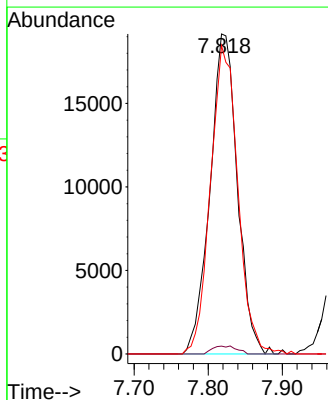
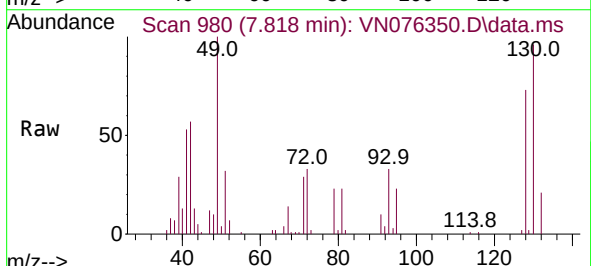
Manual Integrations  
APPROVED

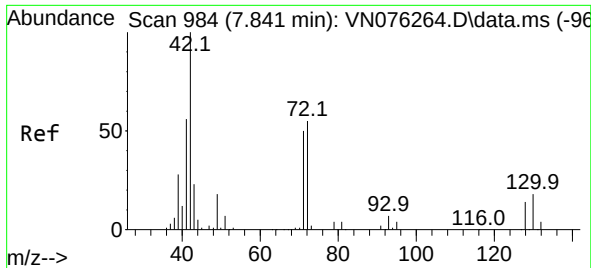
Reviewed By :John Carlone 01/23/2023  
Supervised By :Mahesh Dadoda 01/25/2023



#28  
Bromochloromethane  
Concen: 20.741 ug/l  
RT: 7.818 min Scan# 980  
Delta R.T. -0.006 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

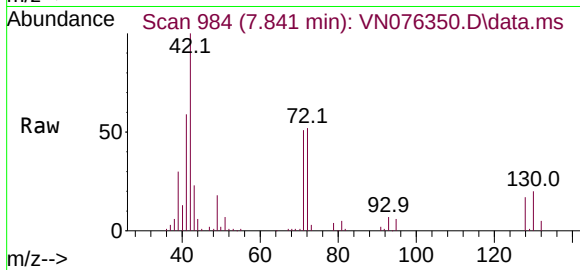
Tgt Ion: 49 Resp: 49185  
Ion Ratio Lower Upper  
49 100  
129 2.2 0.0 5.2  
130 96.3 76.0 114.0





#29  
Tetrahydrofuran  
Concen: 106.816 ug/l  
RT: 7.841 min Scan# 984  
Delta R.T. 0.000 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

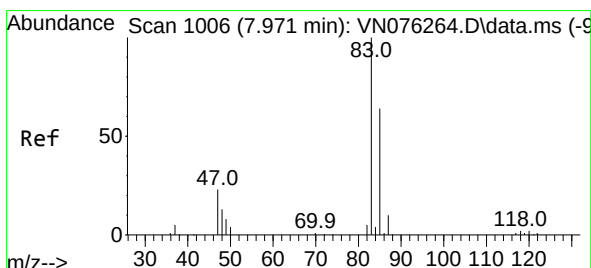
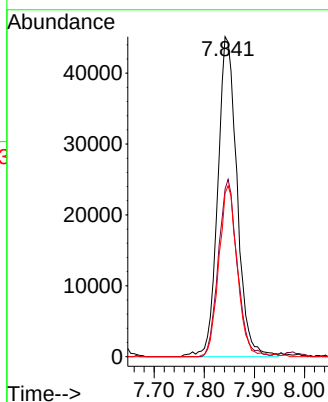
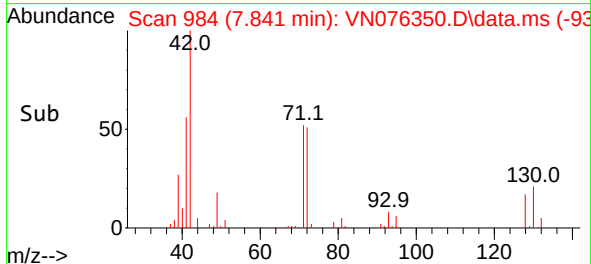
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120MBSD01



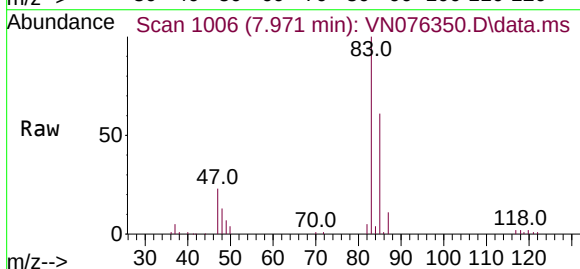
Tgt Ion: 42 Resp: 120500  
Ion Ratio Lower Upper  
42 100  
72 54.1 44.0 66.0  
71 51.1 41.1 61.7

Manual Integrations  
APPROVED

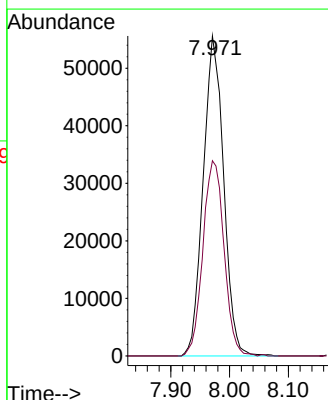
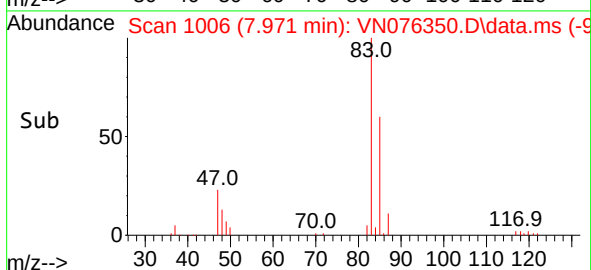
Reviewed By :John Carlone 01/23/2023  
Supervised By :Mahesh Dadoda 01/25/2023

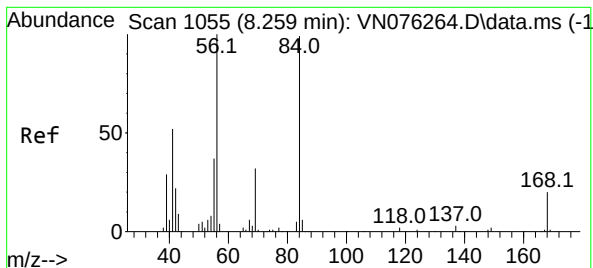


#30  
Chloroform  
Concen: 20.778 ug/l  
RT: 7.971 min Scan# 1006  
Delta R.T. -0.000 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54



Tgt Ion: 83 Resp: 134511  
Ion Ratio Lower Upper  
83 100  
85 61.0 51.0 76.6





#31

Cyclohexane

Concen: 18.039 ug/l

RT: 8.265 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VN076350.D

Acq: 20 Jan 2023 16:54

Instrument :

MSVOA\_N

ClientSampleId :

VN0120MBS01

Tgt Ion: 56 Resp: 10345

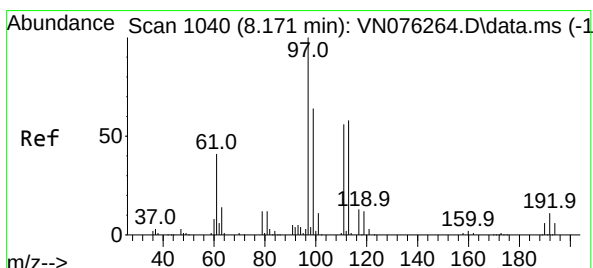
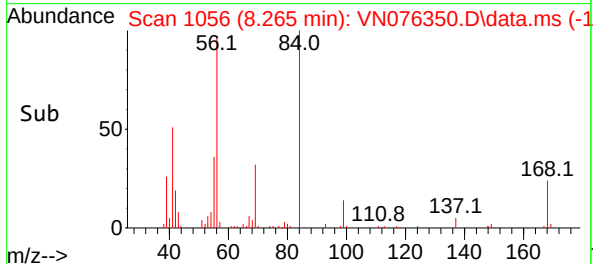
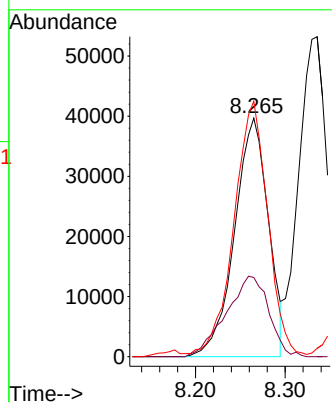
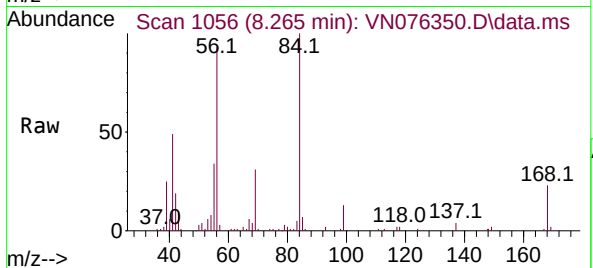
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 33.2  | 25.8  | 38.8  |
| 84  | 105.9 | 79.0  | 118.4 |

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2023

Supervised By :Mahesh Dadoda 01/25/2023



#32

1,1,1-Trichloroethane

Concen: 20.293 ug/l

RT: 8.177 min Scan# 1041

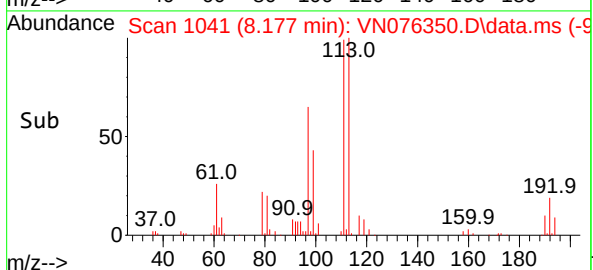
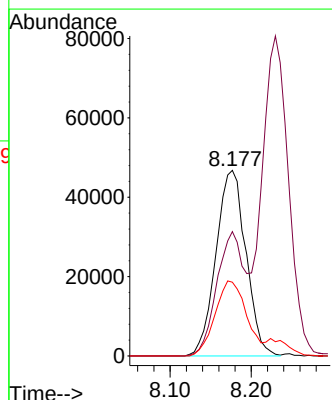
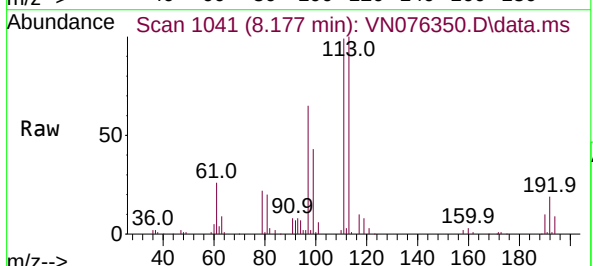
Delta R.T. 0.006 min

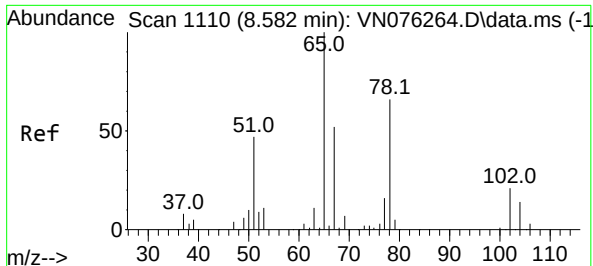
Lab File: VN076350.D

Acq: 20 Jan 2023 16:54

Tgt Ion: 97 Resp: 119941

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 60.4  | 55.0  | 82.4  |
| 61  | 43.2  | 36.2  | 54.4  |





#33

1,2-Dichloroethane-d4

Concen: 52.657 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.001 min

Lab File: VN076350.D

Acq: 20 Jan 2023 16:54

Instrument :

MSVOA\_N

ClientSampleId :

VN0120MBS01

Tgt Ion: 65 Resp: 196594

Ion Ratio Lower Upper

65 100

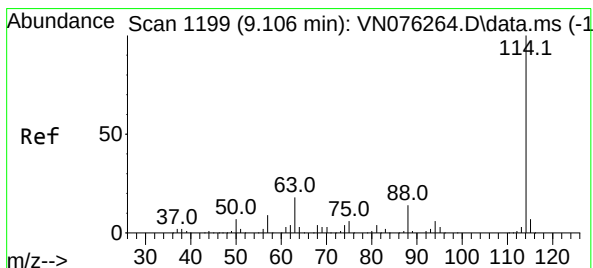
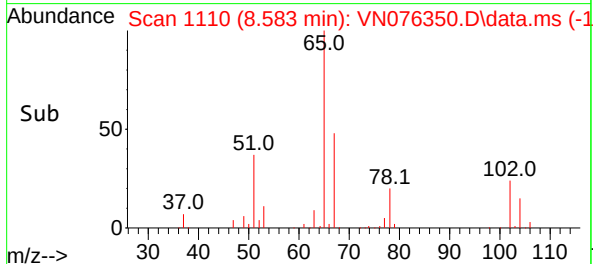
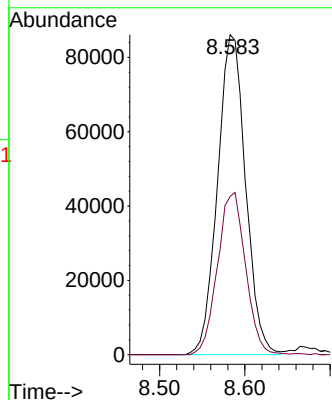
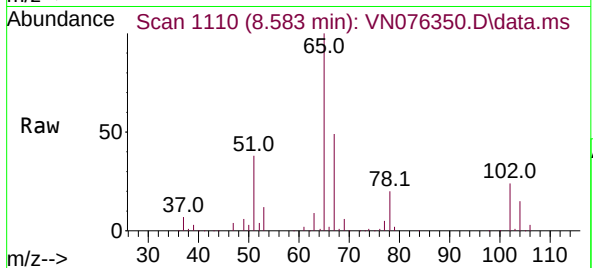
67 50.7 0.0 104.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2023

Supervised By :Mahesh Dadoda 01/25/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076350.D

Acq: 20 Jan 2023 16:54

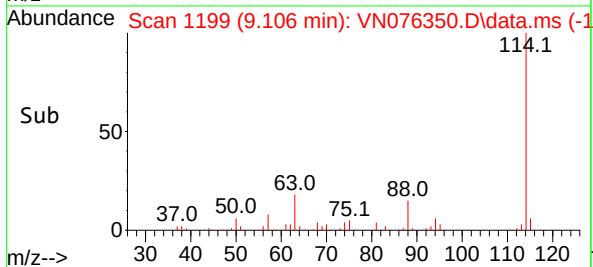
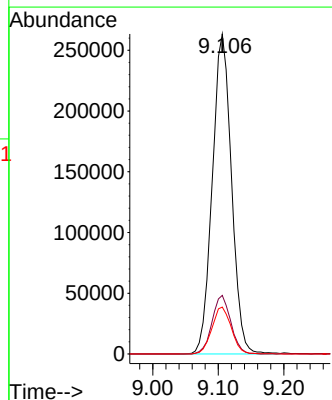
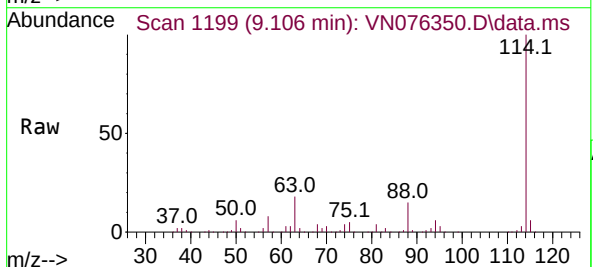
Tgt Ion:114 Resp: 534621

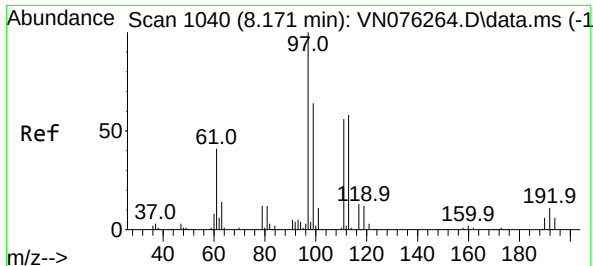
Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.8

88 14.6 0.0 28.0





#35

Dibromofluoromethane

Concen: 52.738 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN076350.D

Acq: 20 Jan 2023 16:54

Instrument :

MSVOA\_N

ClientSampleId :

VN0120MBSD01

Tgt Ion: 113 Resp: 176370

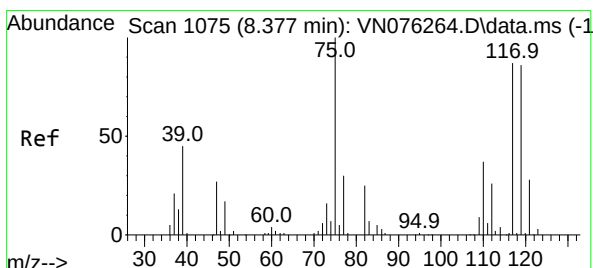
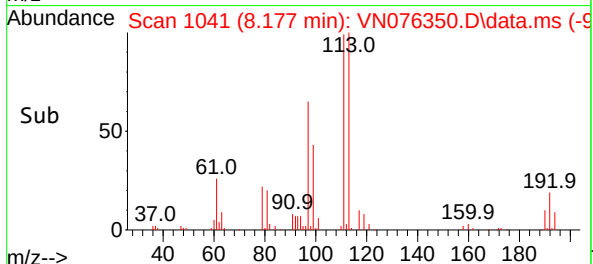
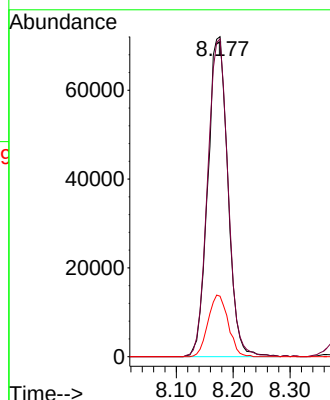
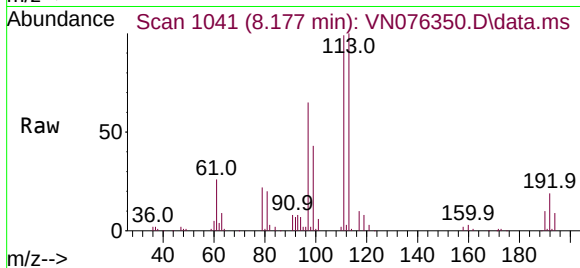
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 111 | 101.0 | 82.7  | 124.1 |
| 192 | 19.3  | 15.6  | 23.4  |

Manual Integrations

APPROVED

Reviewed By : John Carlone 01/23/2023

Supervised By : Mahesh Dadoda 01/25/2023



#36

1,1-Dichloropropene

Concen: 19.353 ug/l

RT: 8.377 min Scan# 1075

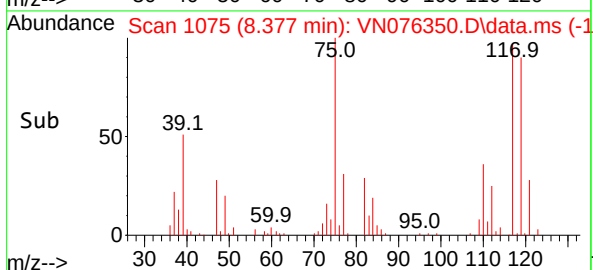
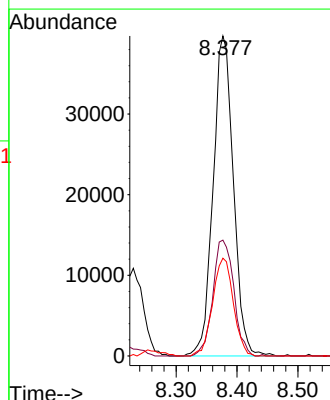
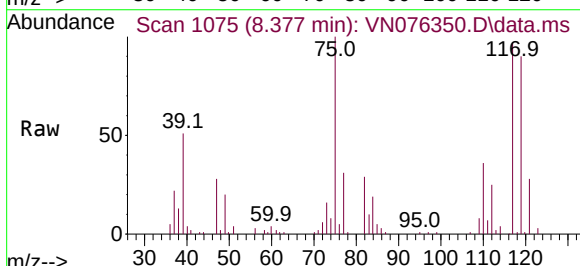
Delta R.T. -0.000 min

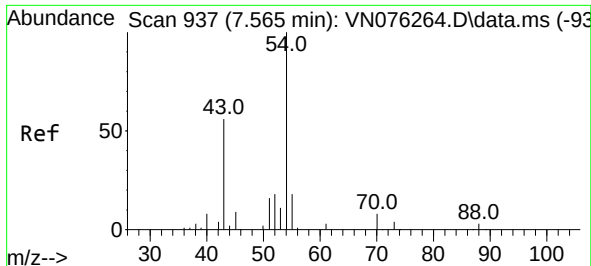
Lab File: VN076350.D

Acq: 20 Jan 2023 16:54

Tgt Ion: 75 Resp: 91966

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 110 | 37.4  | 18.8  | 56.3  |
| 77  | 31.2  | 25.0  | 37.4  |





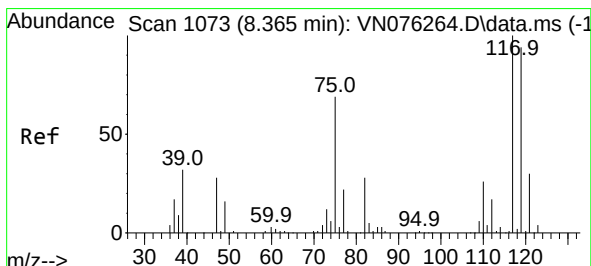
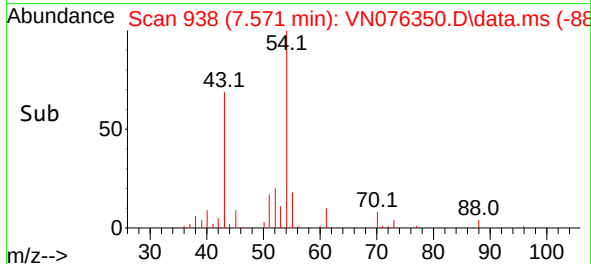
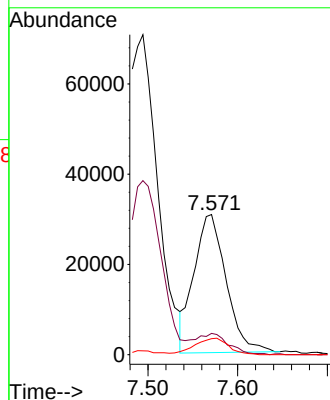
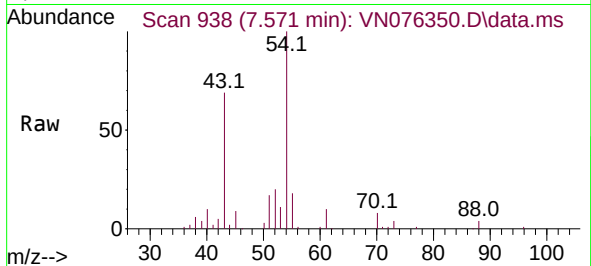
#37  
Ethyl Acetate  
Concen: 20.072 ug/l  
RT: 7.571 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120MBSD01

Tgt Ion: 43 Resp: 76425  
Ion Ratio Lower Upper  
43 100  
61 14.7 11.1 16.7  
70 12.5 10.0 15.0

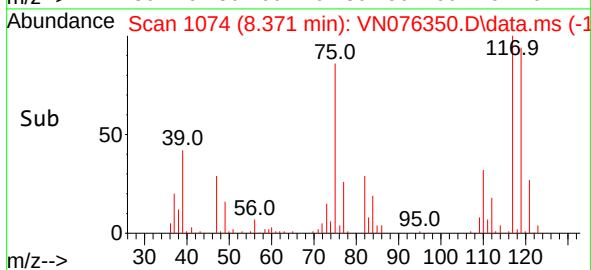
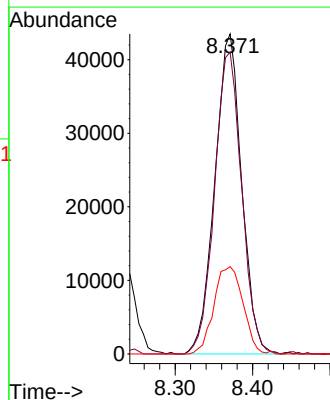
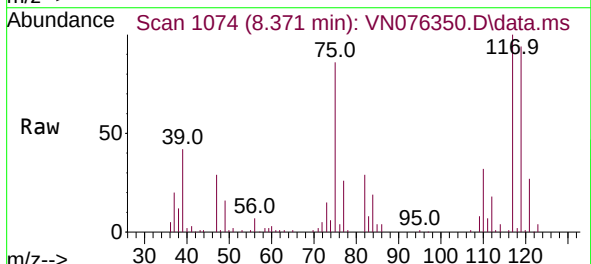
Manual Integrations  
APPROVED

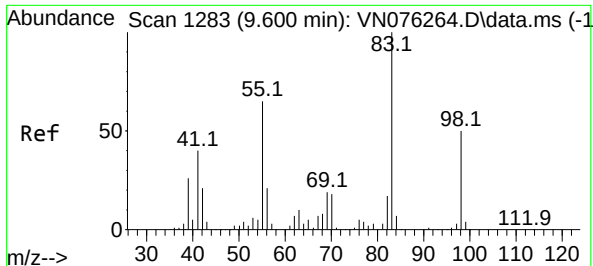
Reviewed By :John Carlone 01/23/2023  
Supervised By :Mahesh Dadoda 01/25/2023



#38  
Carbon Tetrachloride  
Concen: 19.735 ug/l  
RT: 8.371 min Scan# 1074  
Delta R.T. 0.006 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

Tgt Ion:117 Resp: 104583  
Ion Ratio Lower Upper  
117 100  
119 94.3 75.4 113.0  
121 27.3 24.2 36.2





#39

Methylcyclohexane

Concen: 19.398 ug/l

RT: 9.606 min Scan# 11257

Delta R.T. 0.006 min

Lab File: VN076350.D

Acq: 20 Jan 2023 16:54

Instrument :

MSVOA\_N

ClientSampleId :

VN0120MBS01

Tgt Ion: 83 Resp: 11257

Ion Ratio Lower Upper

83 100

55 63.6 51.7 77.5

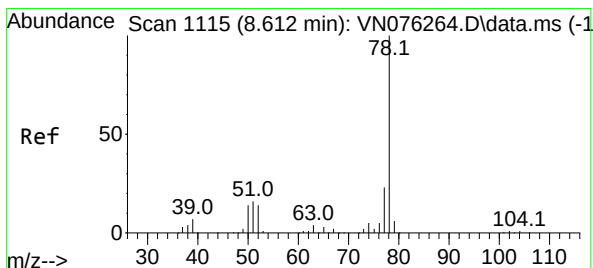
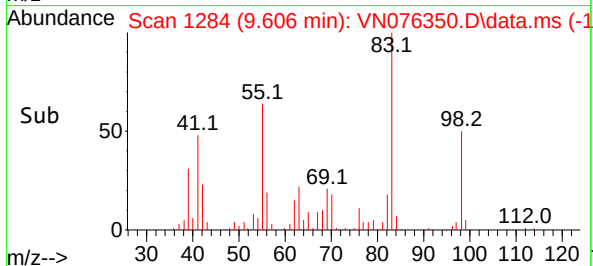
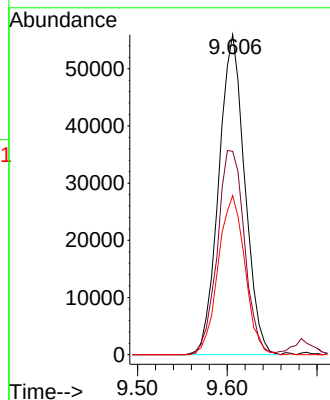
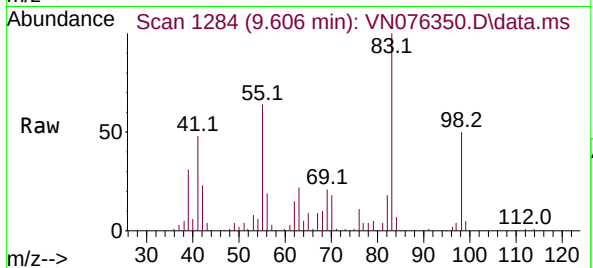
98 49.7 40.0 60.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2023

Supervised By :Mahesh Dadoda 01/25/2023



#40

Benzene

Concen: 20.173 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN076350.D

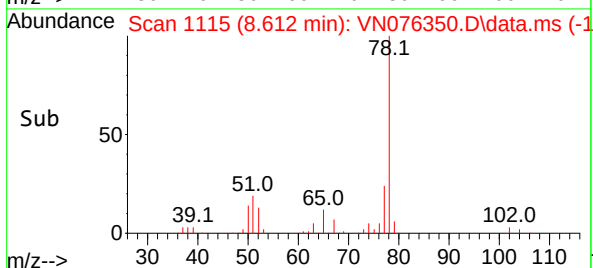
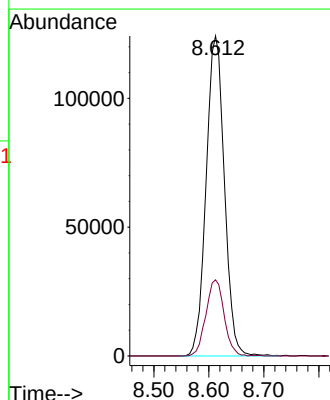
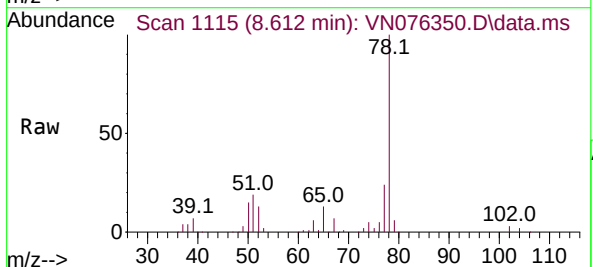
Acq: 20 Jan 2023 16:54

Tgt Ion: 78 Resp: 286648

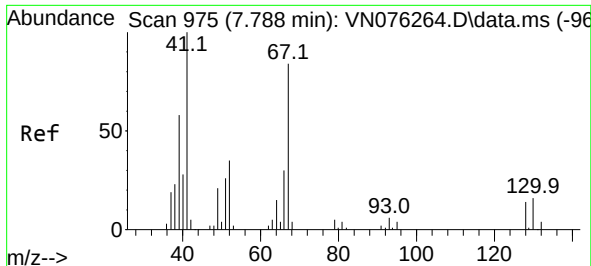
Ion Ratio Lower Upper

78 100

77 23.8 18.6 28.0

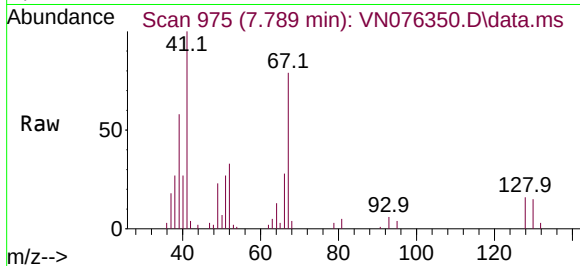






#41  
Methacrylonitrile  
Concen: 20.100 ug/l  
RT: 7.789 min Scan# 911  
Delta R.T. 0.001 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

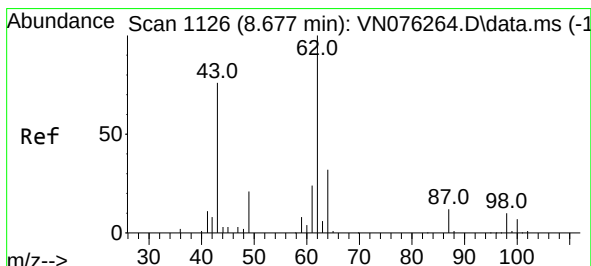
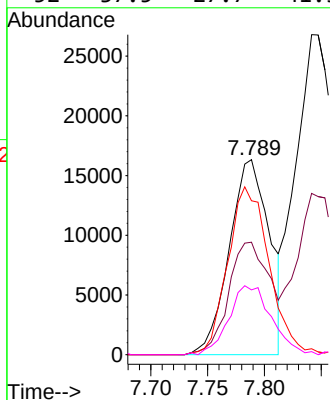
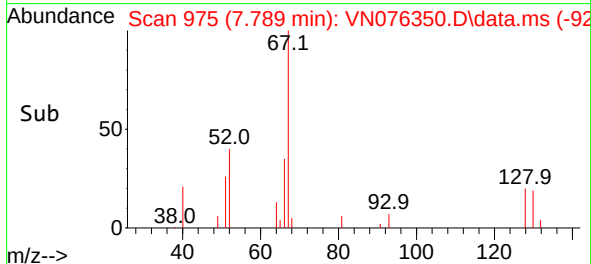
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120MBSD01



| Tgt Ion:  | 41   | Resp: | 40114 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 41        | 100  |       |       |
| 39        | 59.3 | 42.4  | 63.6  |
| 67        | 88.8 | 68.8  | 103.2 |
| 52        | 37.5 | 27.7  | 41.5  |

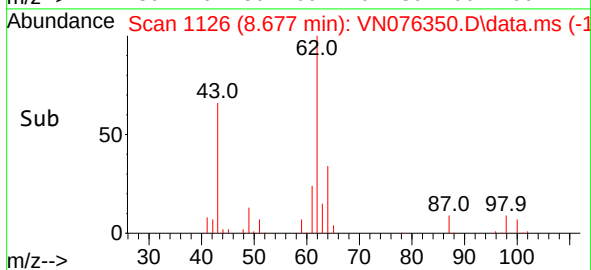
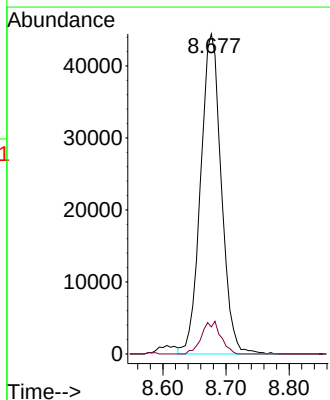
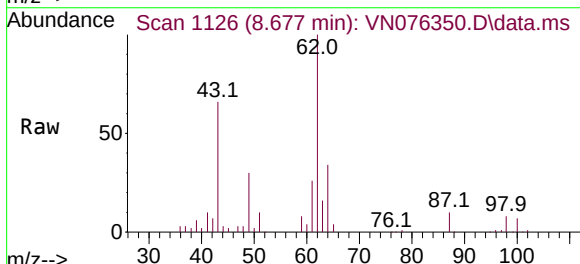
Manual Integrations  
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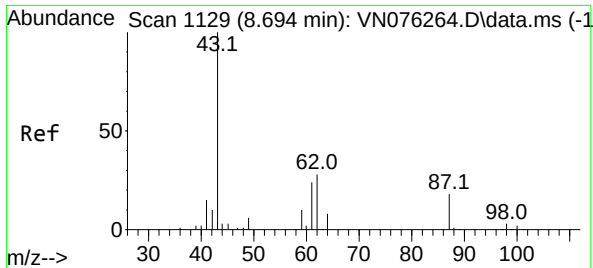
Reviewed By :John Carlone 01/23/2023  
Supervised By :Mahesh Dadoda 01/25/2023



#42  
1,2-Dichloroethane  
Concen: 20.801 ug/l  
RT: 8.677 min Scan# 1126  
Delta R.T. -0.000 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

| Tgt Ion:  | 62  | Resp: | 101132 |
|-----------|-----|-------|--------|
| Ion Ratio | 100 | Lower | Upper  |
| 62        | 100 |       |        |
| 98        | 9.4 | 0.0   | 20.4   |





#43

Isopropyl Acetate

Concen: 21.018 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN076350.D

Acq: 20 Jan 2023 16:54

Instrument :

MSVOA\_N

ClientSampleId :

VN0120MBS01

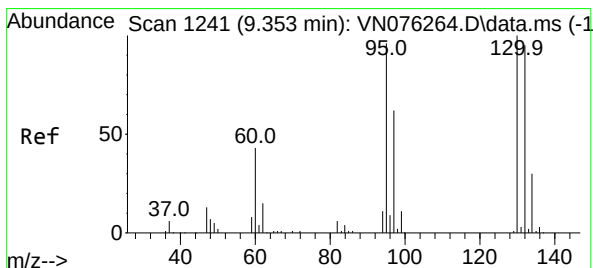
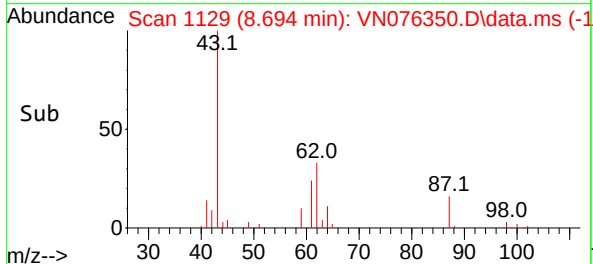
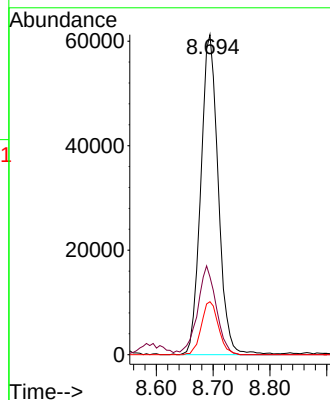
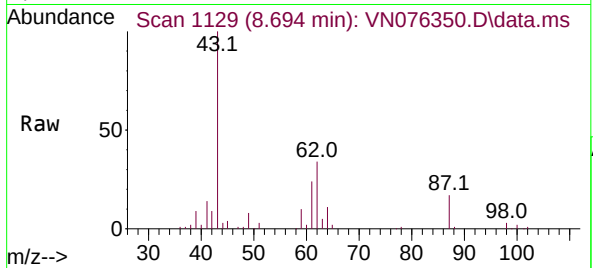
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 13032 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 61        | 29.9  | 23.5  | 35.3  |
| 87        | 16.3  | 13.8  | 20.6  |

Manual Integrations

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Reviewed By :John Carlone 01/23/2023

Supervised By :Mahesh Dadoda 01/25/2023



#44

Trichloroethene

Concen: 19.400 ug/l

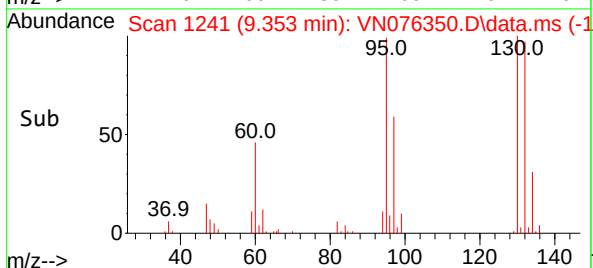
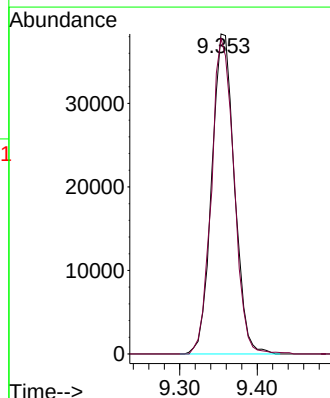
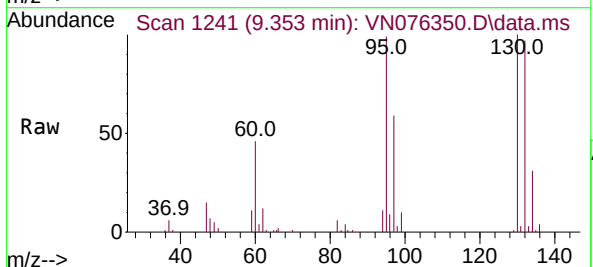
RT: 9.353 min Scan# 1241

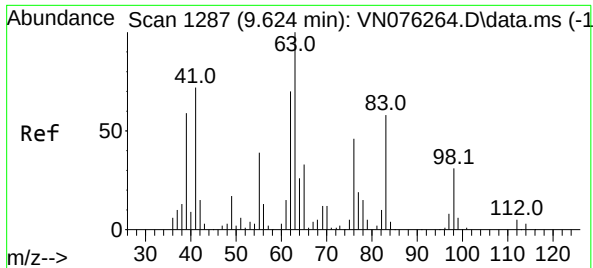
Delta R.T. 0.000 min

Lab File: VN076350.D

Acq: 20 Jan 2023 16:54

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 130   | Resp: | 77967 |
| Ion Ratio | Lower | Upper |       |
| 130       | 100   |       |       |
| 95        | 98.5  | 0.0   | 192.0 |





#45

1,2-Dichloropropane

Concen: 20.084 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN076350.D

Acq: 20 Jan 2023 16:54

Instrument :

MSVOA\_N

ClientSampleId :

VN0120MBS01

Tgt Ion: 63 Resp: 6832

Ion Ratio Lower Upper

63 100

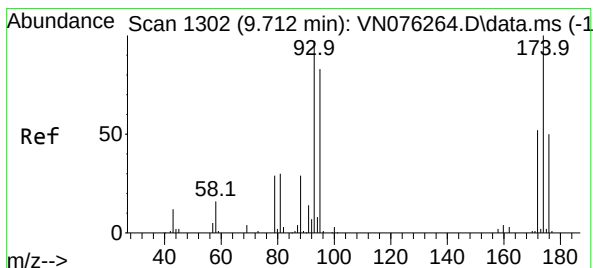
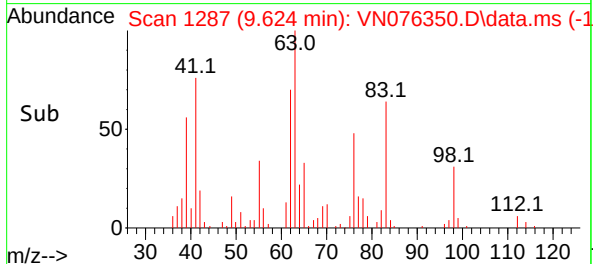
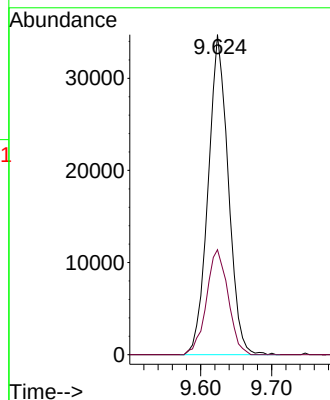
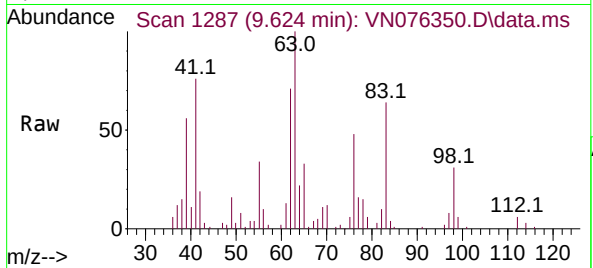
65 32.8 26.4 39.6

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Reviewed By :John Carlone 01/23/2023

Supervised By :Mahesh Dadoda 01/25/2023



#46

Dibromomethane

Concen: 20.592 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076350.D

Acq: 20 Jan 2023 16:54

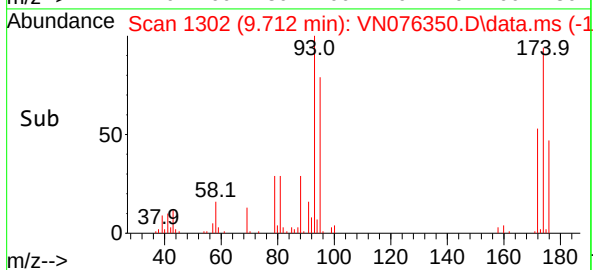
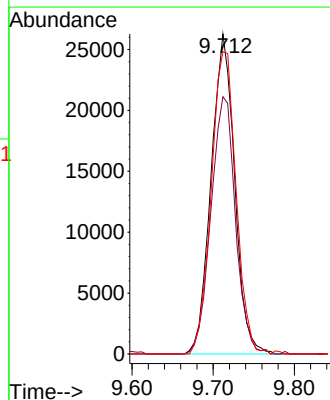
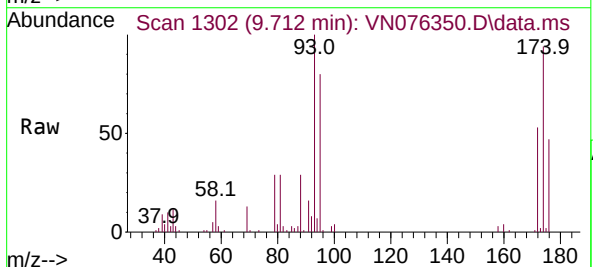
Tgt Ion: 93 Resp: 52892

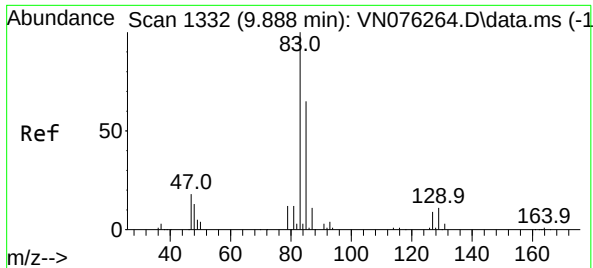
Ion Ratio Lower Upper

93 100

95 83.7 66.0 99.0

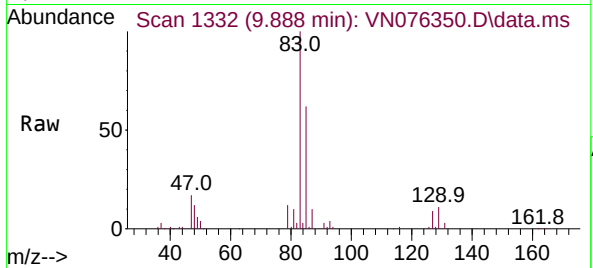
174 99.5 81.3 121.9





#47  
Bromodichloromethane  
Concen: 20.968 ug/l  
RT: 9.888 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

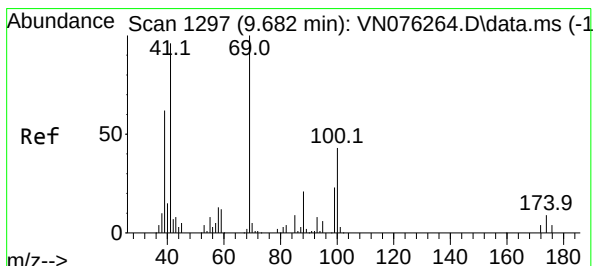
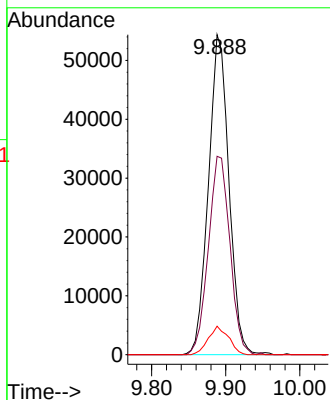
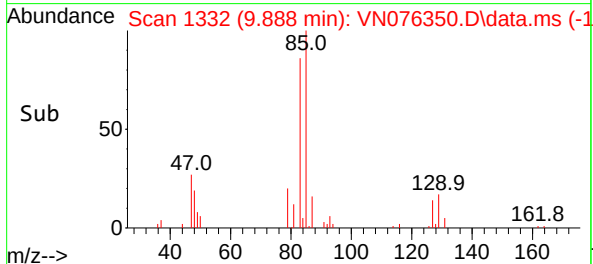
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120MBSD01



Tgt Ion: 83 Resp: 104462  
Ion Ratio Lower Upper  
83 100  
85 62.0 52.1 78.1  
127 8.9 7.4 11.0

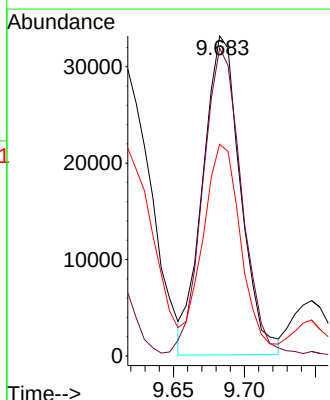
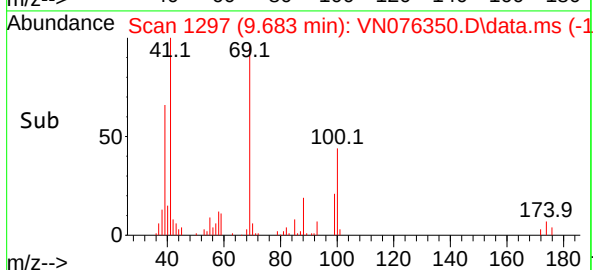
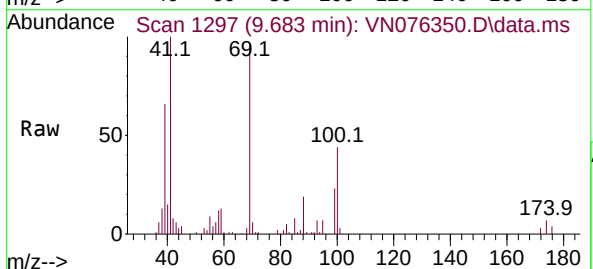
Manual Integrations  
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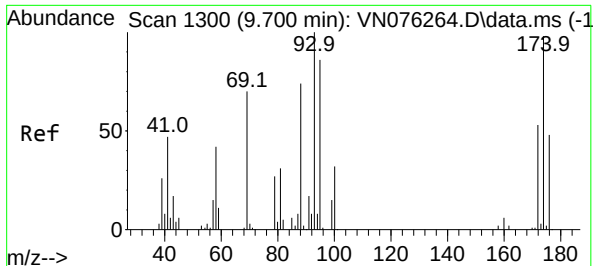
Reviewed By :John Carlone 01/23/2023  
Supervised By :Mahesh Dadoda 01/25/2023



#48  
Methyl methacrylate  
Concen: 20.836 ug/l  
RT: 9.683 min Scan# 1297  
Delta R.T. 0.001 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

Tgt Ion: 41 Resp: 61166  
Ion Ratio Lower Upper  
41 100  
69 100.5 80.8 121.2  
39 68.4 54.4 81.6





#49

1,4-Dioxane

Concen: 418.375 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN076350.D

Acq: 20 Jan 2023 16:54

Instrument :

MSVOA\_N

ClientSampleId :

VN0120MBS01

Tgt Ion: 88 Resp: 2591

Ion Ratio Lower Upper

88 100

43 0.0 18.1 27.1

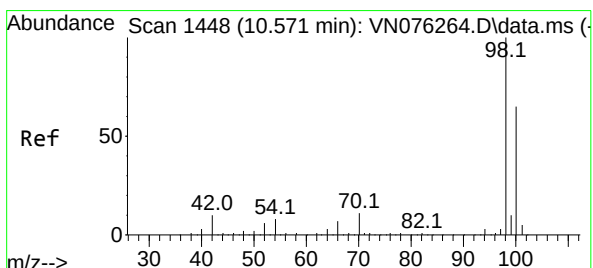
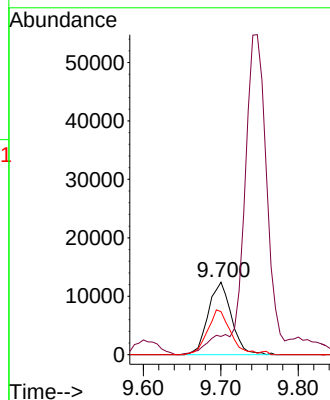
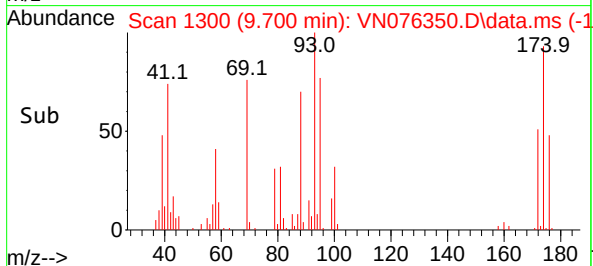
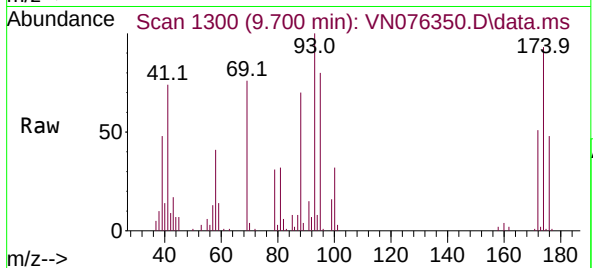
58 62.4 46.5 69.7

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Reviewed By :John Carlone 01/23/2023

Supervised By :Mahesh Dadoda 01/25/2023



#50

Toluene-d8

Concen: 51.225 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076350.D

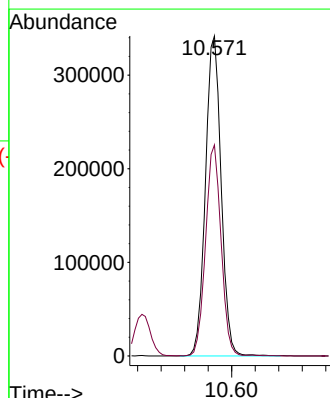
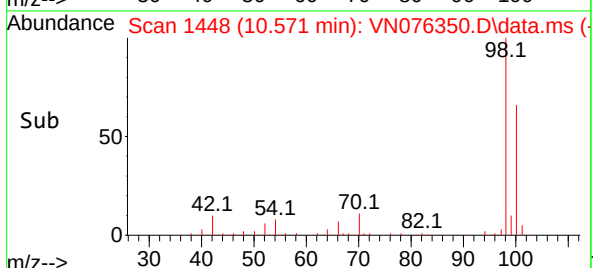
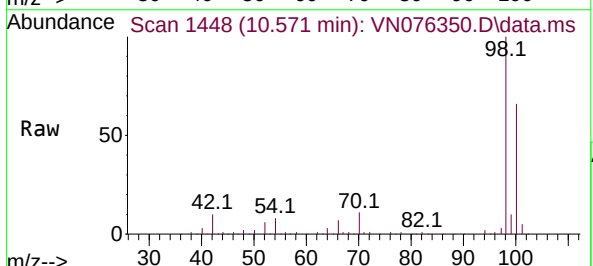
Acq: 20 Jan 2023 16:54

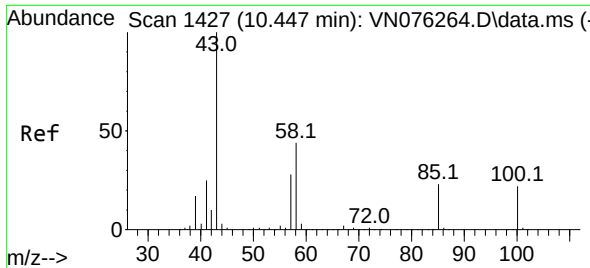
Tgt Ion: 98 Resp: 632665

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.4





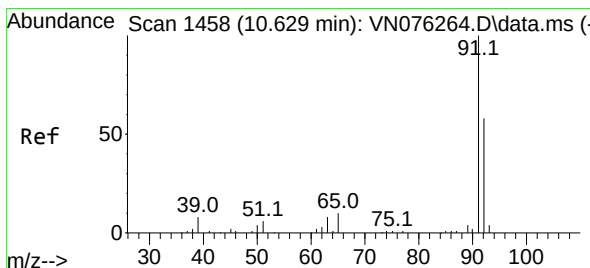
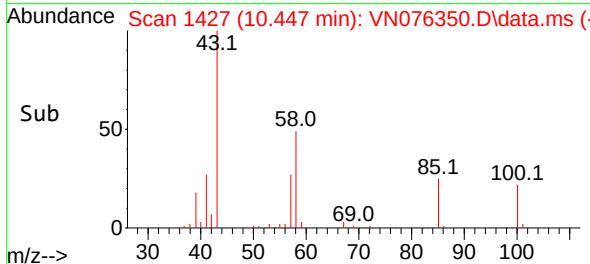
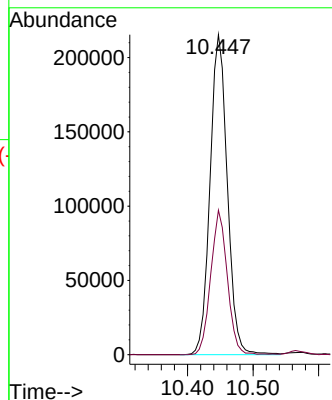
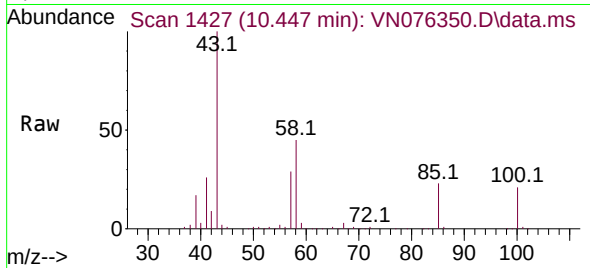
#51  
4-Methyl-2-Pentanone  
Concen: 108.269 ug/l  
RT: 10.447 min Scan# 1427  
Delta R.T. 0.000 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120MBS01

Tgt Ion: 43 Resp: 394109  
Ion Ratio Lower Upper  
43 100  
58 43.3 35.1 52.7

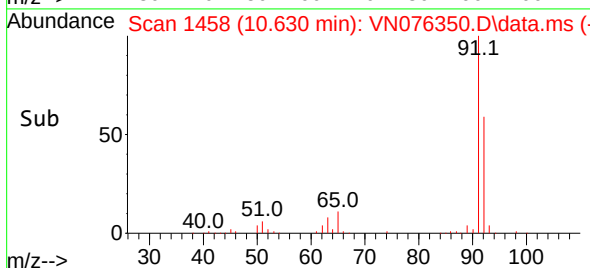
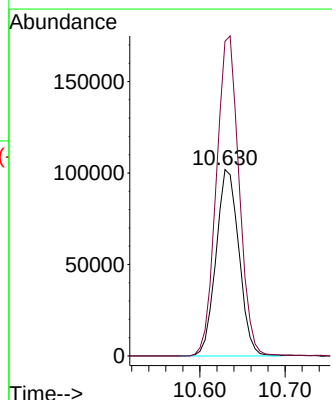
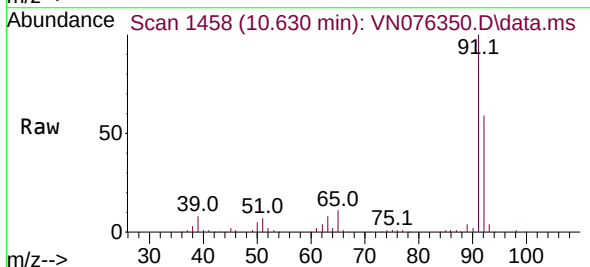
Manual Integrations  
APPROVED

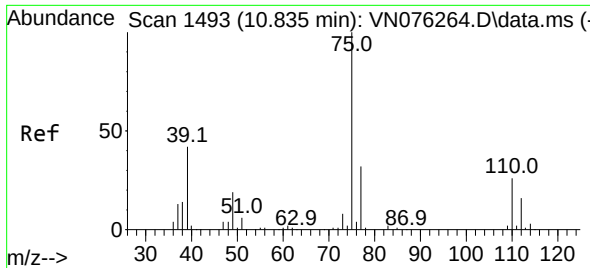
Reviewed By :John Carlone 01/23/2023  
Supervised By :Mahesh Dadoda 01/25/2023



#52  
Toluene  
Concen: 20.062 ug/l  
RT: 10.630 min Scan# 1458  
Delta R.T. 0.001 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

Tgt Ion: 92 Resp: 190642  
Ion Ratio Lower Upper  
92 100  
91 170.5 136.6 205.0





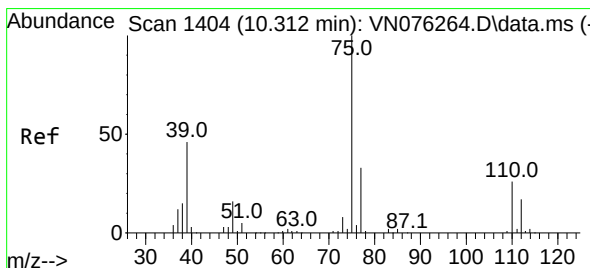
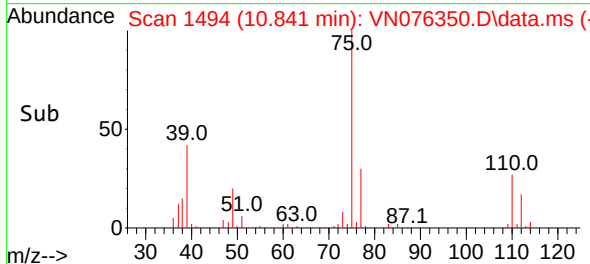
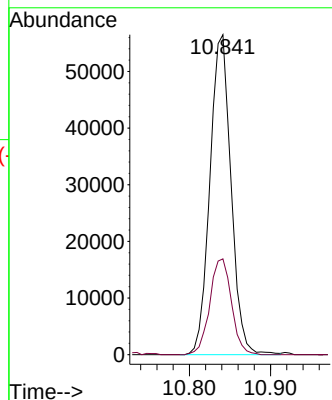
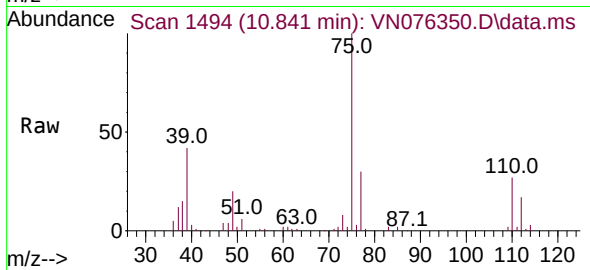
#53  
t-1,3-Dichloropropene  
Concen: 21.469 ug/l  
RT: 10.841 min Scan# 1493  
Delta R.T. 0.006 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120MBS01

Tgt Ion: 75 Resp: 101962  
Ion Ratio Lower Upper  
75 100  
77 29.9 25.8 38.6

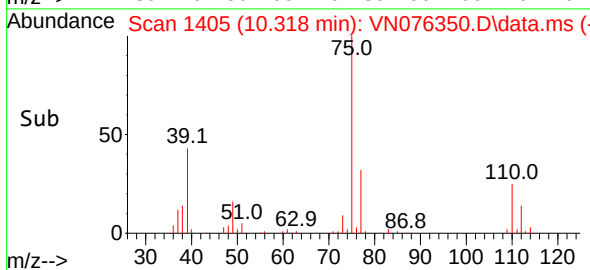
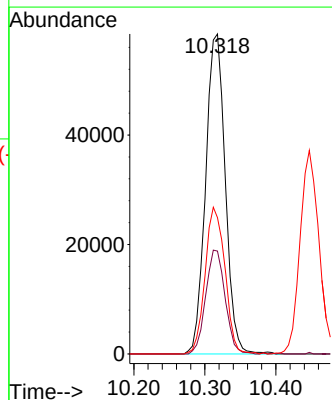
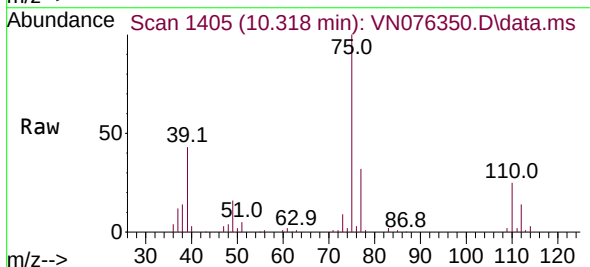
Manual Integrations  
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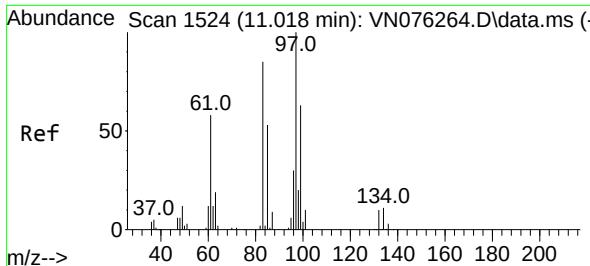
Reviewed By :John Carlone 01/23/2023  
Supervised By :Mahesh Dadoda 01/25/2023



#54  
cis-1,3-Dichloropropene  
Concen: 20.600 ug/l  
RT: 10.318 min Scan# 1405  
Delta R.T. 0.006 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

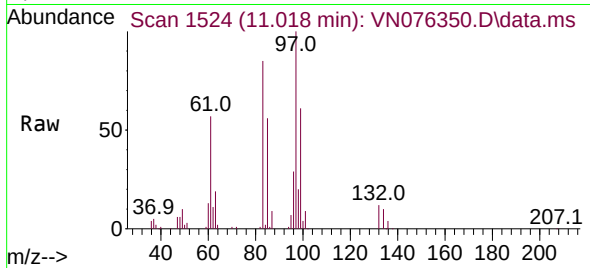
Tgt Ion: 75 Resp: 112554  
Ion Ratio Lower Upper  
75 100  
77 32.1 26.5 39.7  
39 42.6 37.1 55.7





#55  
1,1,2-Trichloroethane  
Concen: 21.205 ug/l  
RT: 11.018 min Scan# 1100  
Delta R.T. -0.000 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

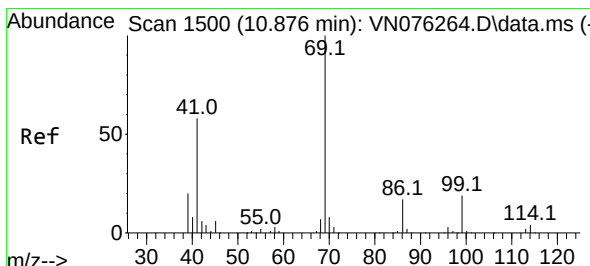
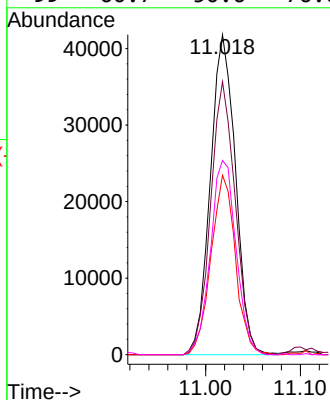
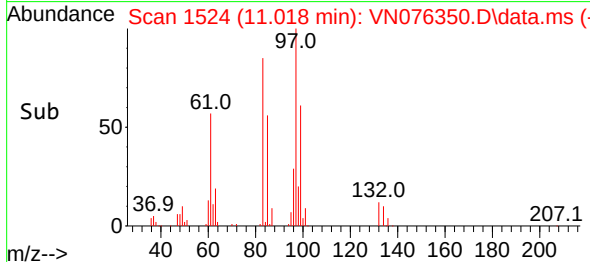
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120MBSD01



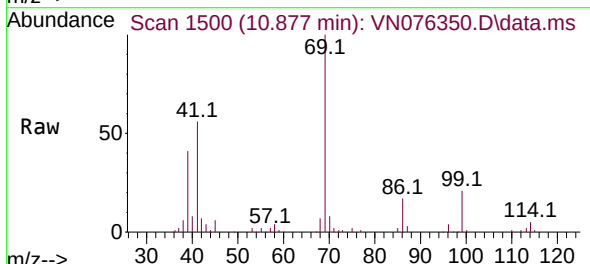
| Tgt Ion: | 97    | Resp: | 7702  |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 85.3  | 67.8  | 101.6 |
| 85       | 56.1  | 42.3  | 63.5  |
| 99       | 60.7  | 50.6  | 76.0  |

Manual Integrations  
APPROVED

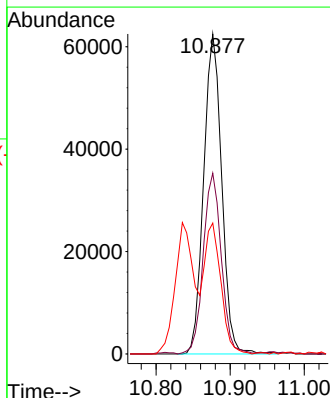
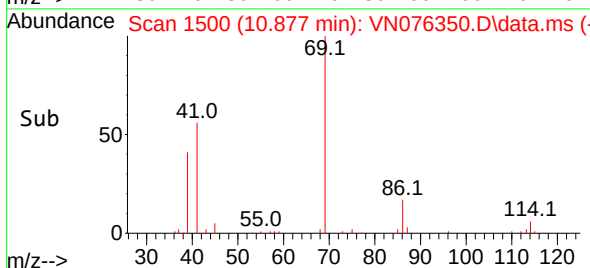
Reviewed By :John Carlone 01/23/2023  
Supervised By :Mahesh Dadoda 01/25/2023



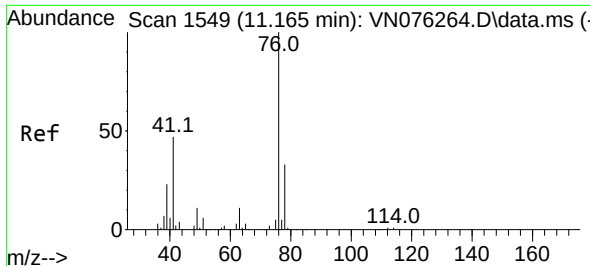
#56  
Ethyl methacrylate  
Concen: 22.583 ug/l  
RT: 10.877 min Scan# 1500  
Delta R.T. 0.001 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54



| Tgt Ion: | 69    | Resp: | 105895 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 56.6  | 45.3  | 67.9   |
| 39       | 37.1  | 29.3  | 43.9   |

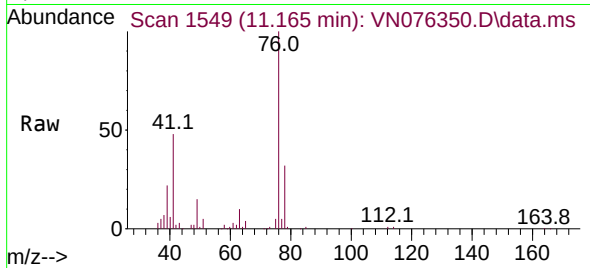






#57  
1,3-Dichloropropane  
Concen: 21.145 ug/l  
RT: 11.165 min Scan# 1549  
Delta R.T. -0.000 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

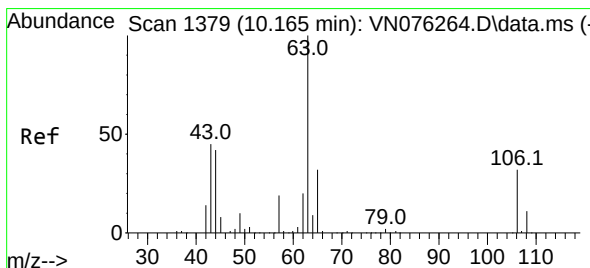
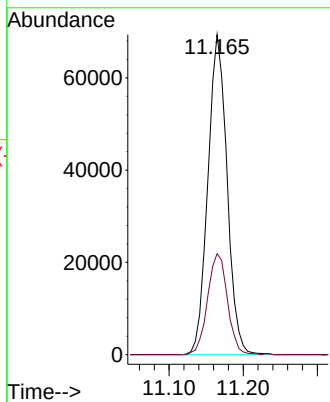
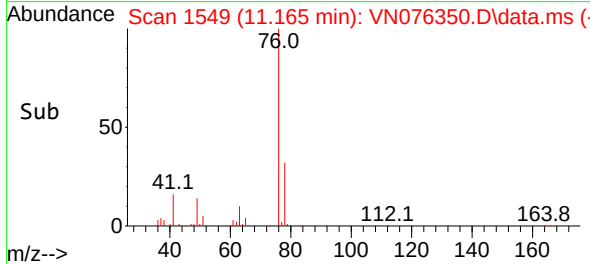
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120MBSD01



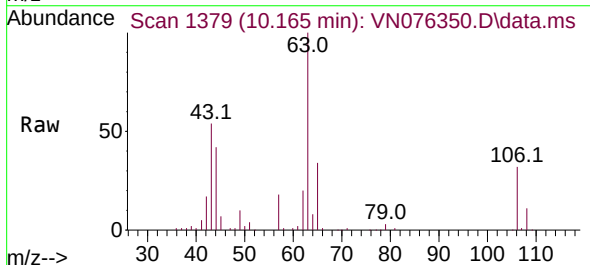
Tgt Ion: 76 Resp: 124809  
Ion Ratio Lower Upper  
76 100  
78 32.6 26.4 39.6

Manual Integrations  
APPROVED

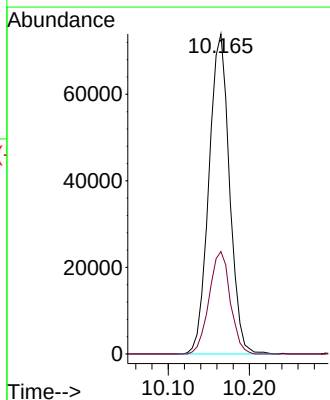
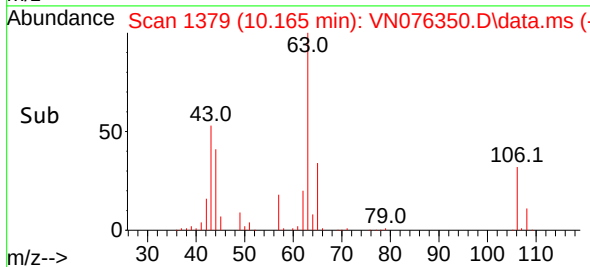
Reviewed By :John Carlone 01/23/2023  
Supervised By :Mahesh Dadoda 01/25/2023

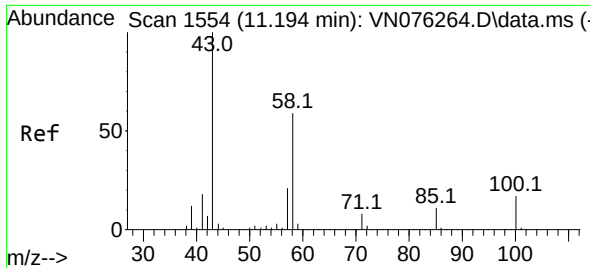


#58  
2-Chloroethyl Vinyl ether  
Concen: 82.228 ug/l  
RT: 10.165 min Scan# 1379  
Delta R.T. -0.000 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54



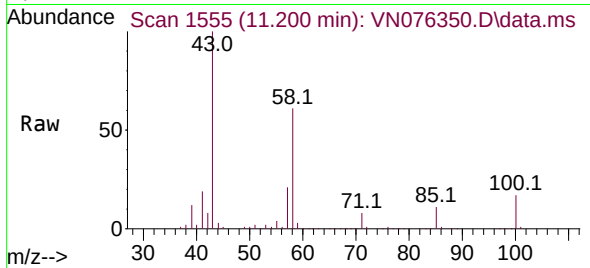
Tgt Ion: 63 Resp: 130171  
Ion Ratio Lower Upper  
63 100  
106 32.9 26.2 39.2





#59  
2-Hexanone  
Concen: 106.148 ug/l  
RT: 11.200 min Scan# 1555  
Delta R.T. 0.006 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

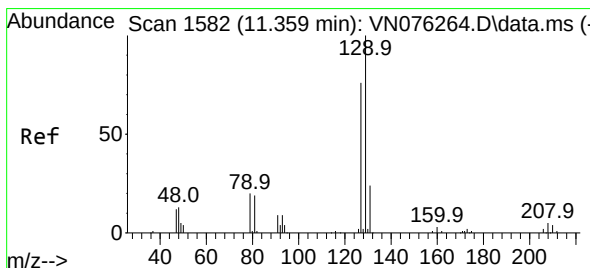
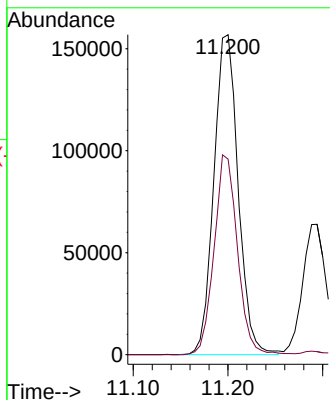
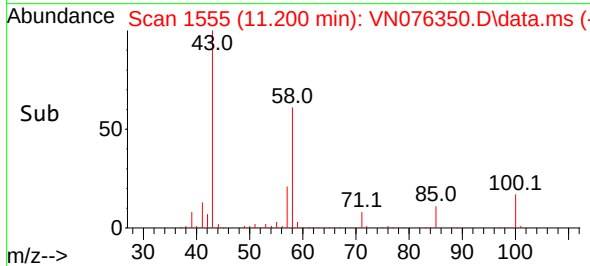
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120MBS01



Tgt Ion: 43 Resp: 279999  
Ion Ratio Lower Upper  
43 100  
58 60.1 30.1 90.3

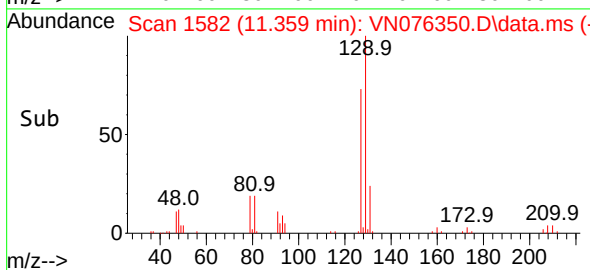
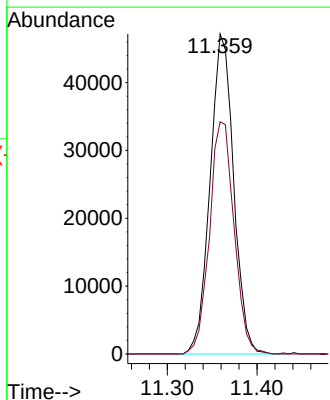
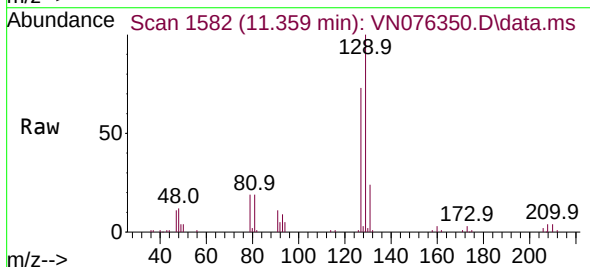
Manual Integrations  
APPROVED

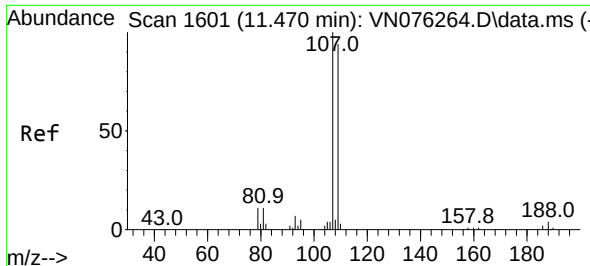
Reviewed By :John Carlone 01/23/2023  
Supervised By :Mahesh Dadoda 01/25/2023



#60  
Dibromochloromethane  
Concen: 22.451 ug/l  
RT: 11.359 min Scan# 1582  
Delta R.T. -0.000 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

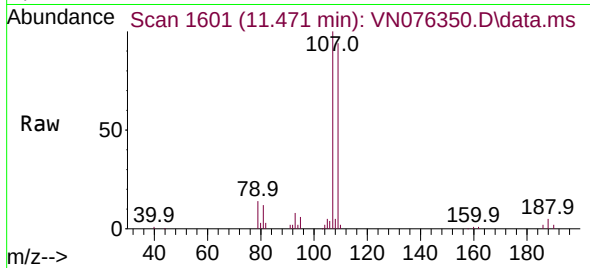
Tgt Ion:129 Resp: 85841  
Ion Ratio Lower Upper  
129 100  
127 75.8 38.7 116.1





#61  
1,2-Dibromoethane  
Concen: 21.258 ug/l  
RT: 11.471 min Scan# 1601  
Delta R.T. 0.001 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

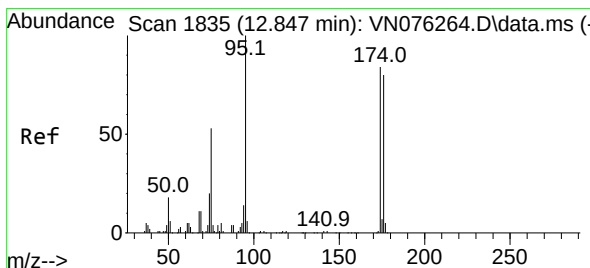
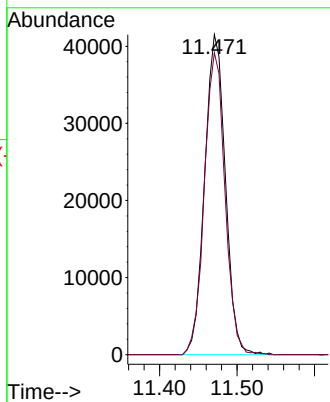
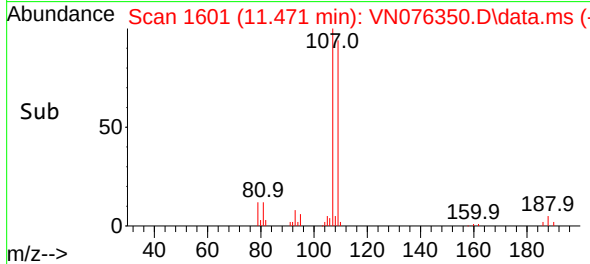
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120MBSD01



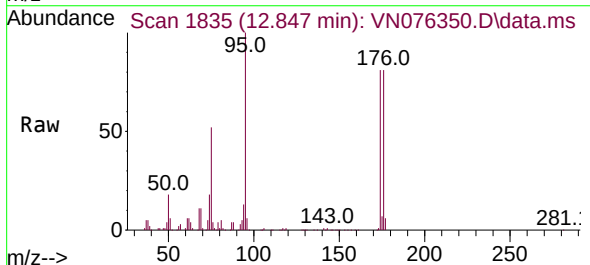
Tgt Ion:107 Resp: 77070  
Ion Ratio Lower Upper  
107 100  
109 94.0 76.0 114.0

Manual Integrations  
APPROVED

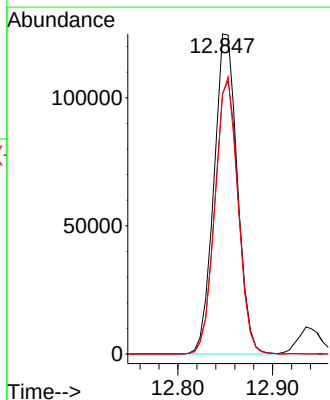
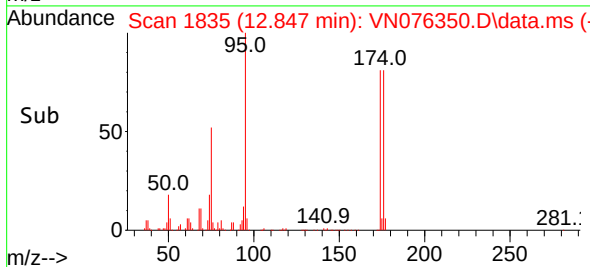
Reviewed By :John Carlone 01/23/2023  
Supervised By :Mahesh Dadoda 01/25/2023

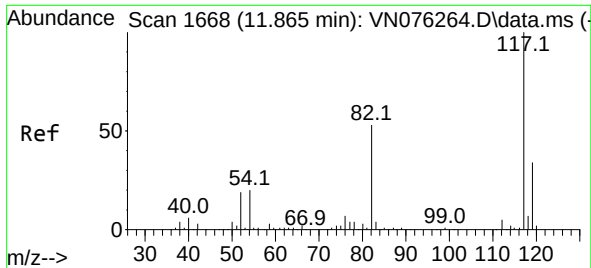


#62  
4-Bromofluorobenzene  
Concen: 53.257 ug/l  
RT: 12.847 min Scan# 1835  
Delta R.T. 0.000 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54



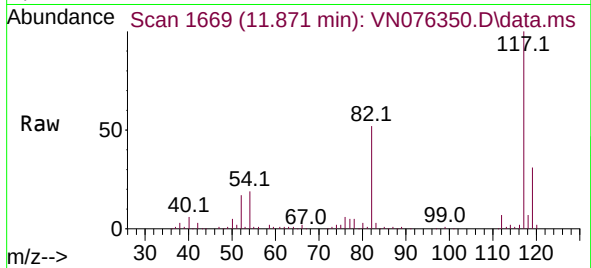
Tgt Ion: 95 Resp: 214729  
Ion Ratio Lower Upper  
95 100  
174 85.6 0.0 174.6  
176 84.3 0.0 167.8





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 1669  
Delta R.T. 0.006 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

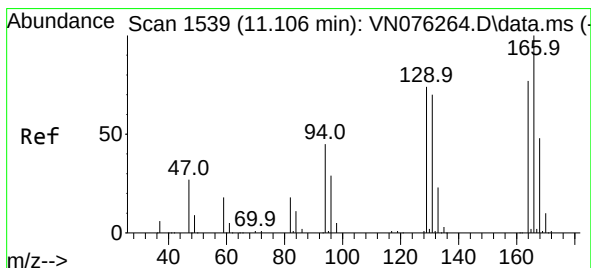
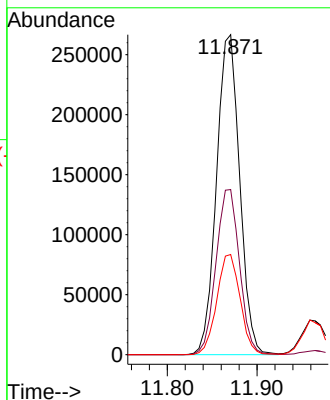
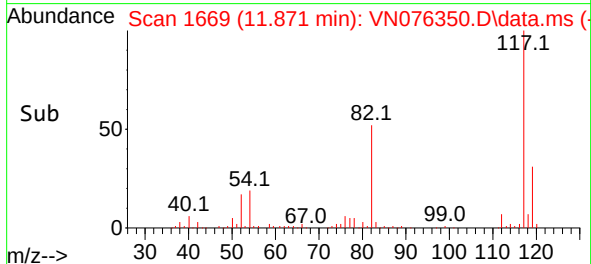
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120MBS01



Tgt Ion:117 Resp: 47870  
Ion Ratio Lower Upper  
117 100  
82 51.6 42.2 63.2  
119 31.3 26.9 40.3

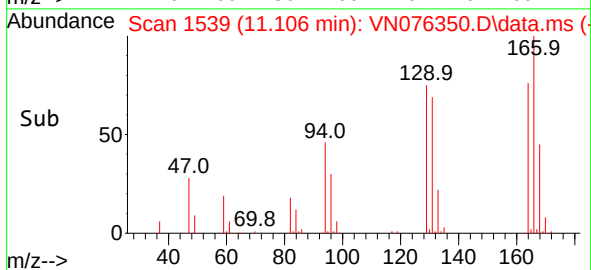
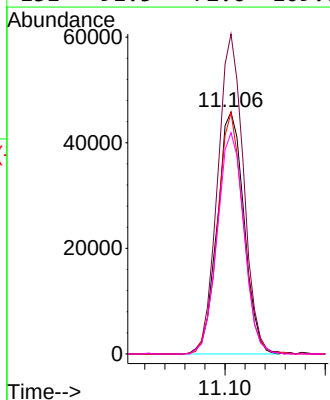
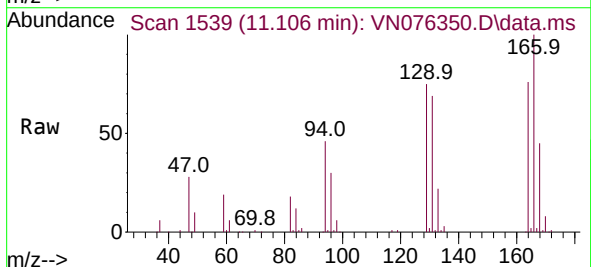
Manual Integrations  
APPROVED

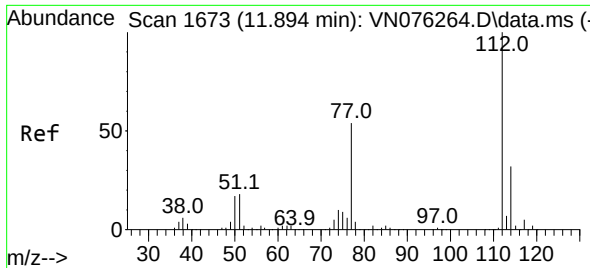
Reviewed By :John Carlone 01/23/2023  
Supervised By :Mahesh Dadoda 01/25/2023



#64  
Tetrachloroethene  
Concen: 19.642 ug/l  
RT: 11.106 min Scan# 1539  
Delta R.T. -0.000 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

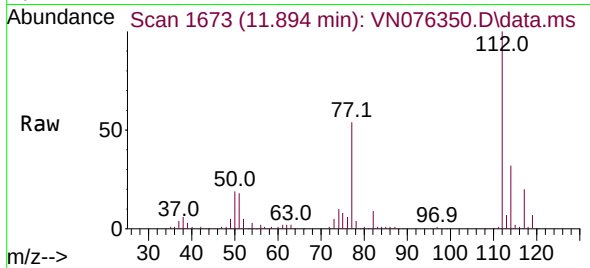
Tgt Ion:164 Resp: 84796  
Ion Ratio Lower Upper  
164 100  
166 132.3 104.0 156.0  
129 99.7 76.6 114.8  
131 91.5 72.6 109.0





#65  
Chlorobenzene  
Concen: 20.385 ug/l  
RT: 11.894 min Scan# 1673  
Delta R.T. 0.000 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

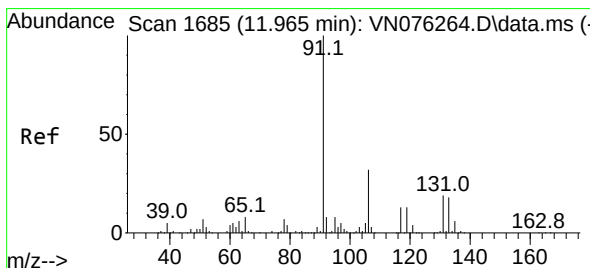
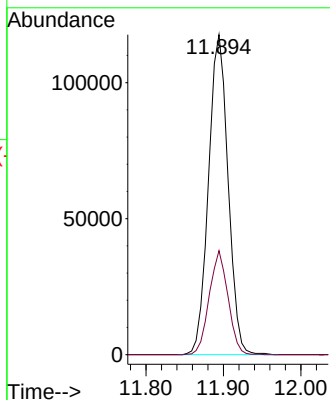
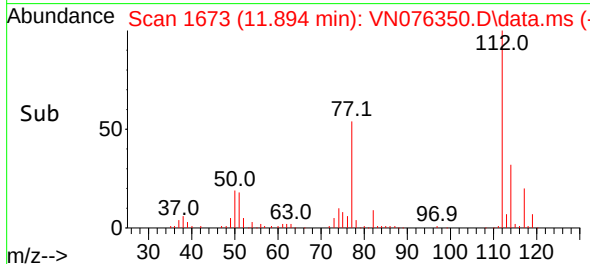
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120MBS01



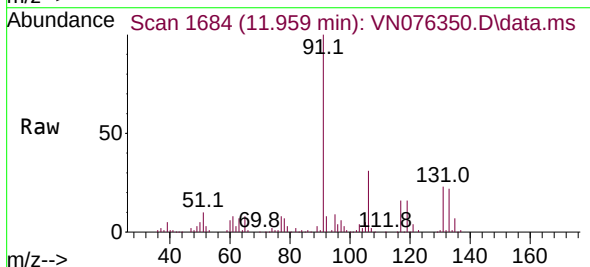
Tgt Ion:112 Resp: 20628  
Ion Ratio Lower Upper  
112 100  
114 32.5 25.3 37.9

Manual Integrations  
APPROVED

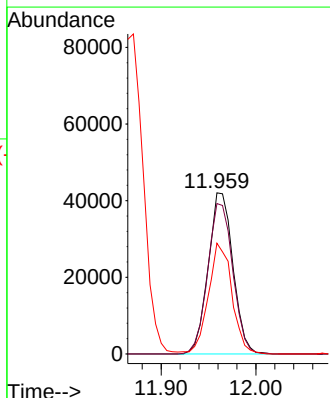
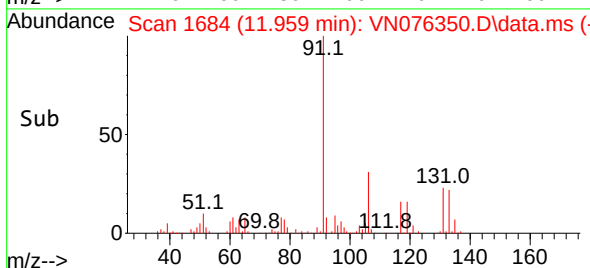
Reviewed By :John Carlone 01/23/2023  
Supervised By :Mahesh Dadoda 01/25/2023

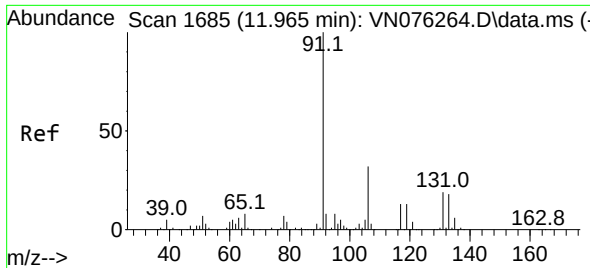


#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.247 ug/l  
RT: 11.959 min Scan# 1684  
Delta R.T. -0.006 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54



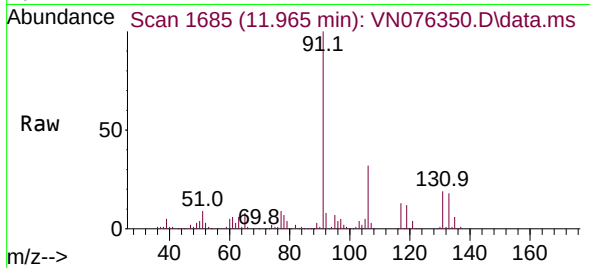
Tgt Ion:131 Resp: 76228  
Ion Ratio Lower Upper  
131 100  
133 95.0 47.4 142.2  
119 65.7 32.3 96.8





#67  
Ethyl Benzene  
Concen: 20.949 ug/l  
RT: 11.965 min Scan# 1104  
Delta R.T. -0.000 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

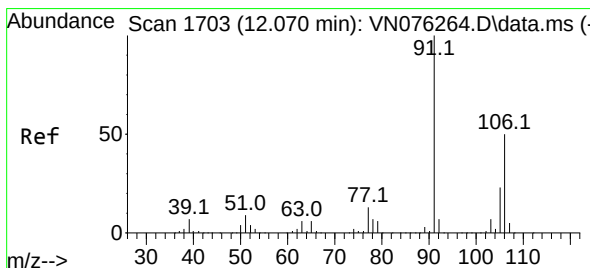
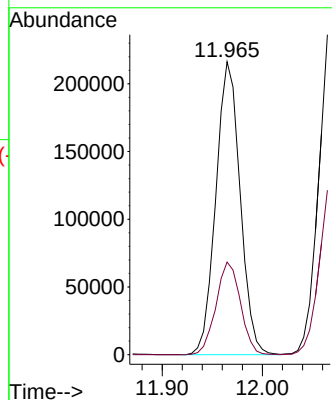
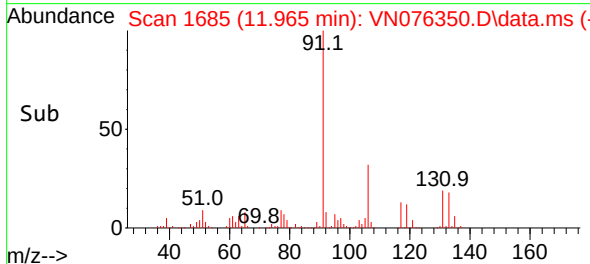
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120MBSD01



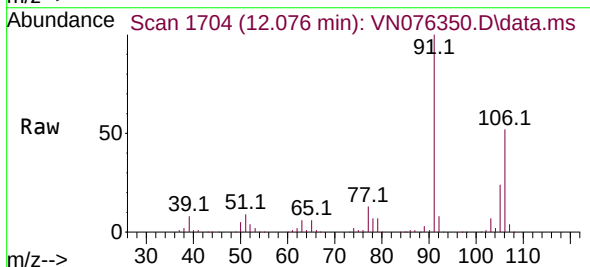
Tgt Ion: 91 Resp: 362819  
Ion Ratio Lower Upper  
91 100  
106 31.6 25.5 38.3

Manual Integrations  
APPROVED

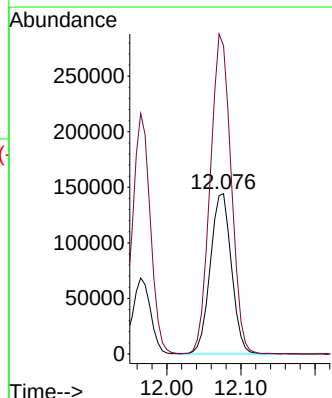
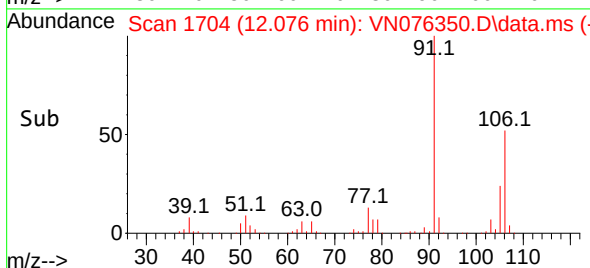
Reviewed By :John Carlone 01/23/2023  
Supervised By :Mahesh Dadoda 01/25/2023

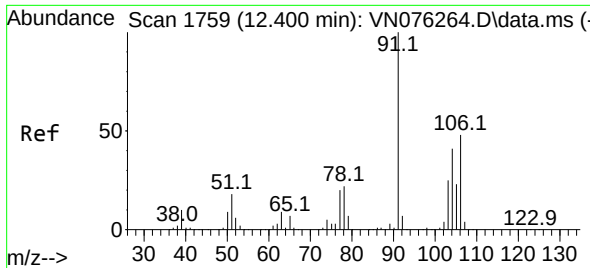


#68  
m/p-Xylenes  
Concen: 41.145 ug/l  
RT: 12.076 min Scan# 1704  
Delta R.T. 0.006 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54



Tgt Ion:106 Resp: 285736  
Ion Ratio Lower Upper  
106 100  
91 197.3 157.5 236.3





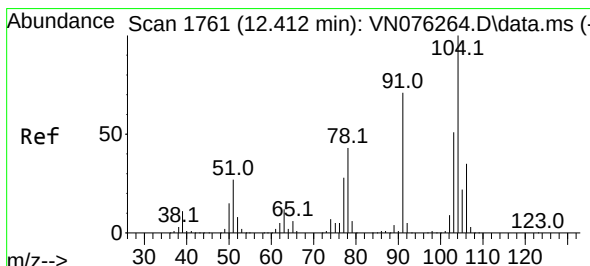
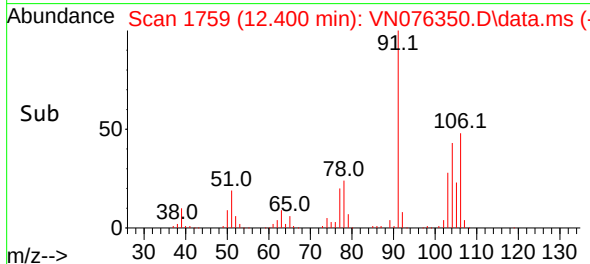
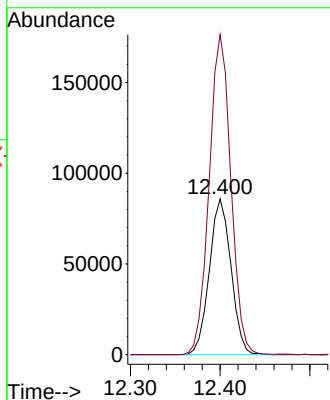
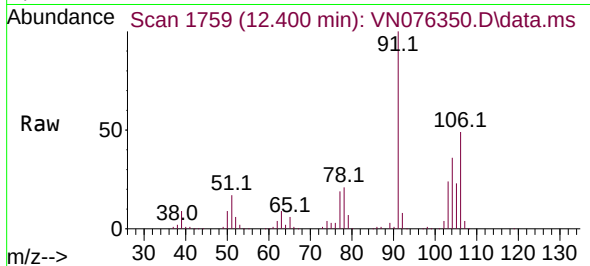
#69  
o-Xylene  
Concen: 21.094 ug/l  
RT: 12.400 min Scan# 1759  
Delta R.T. -0.000 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120MBSD01

Tgt Ion:106 Resp: 143859  
Ion Ratio Lower Upper  
106 100  
91 206.0 103.2 309.4

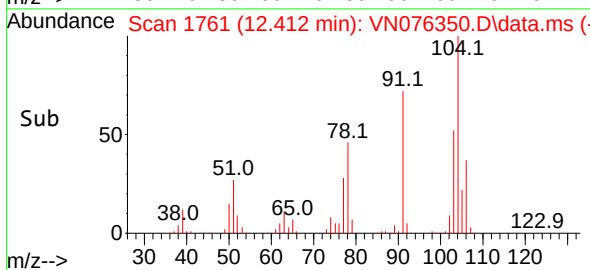
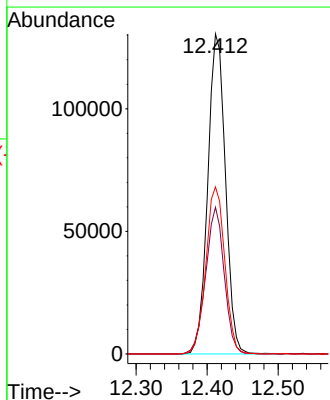
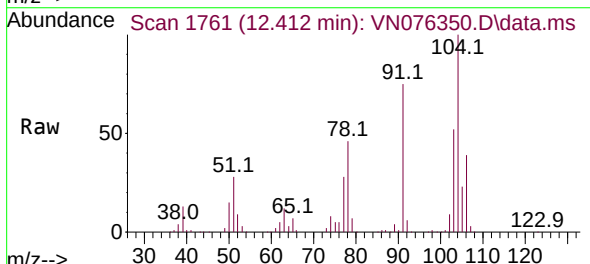
Manual Integrations  
APPROVED

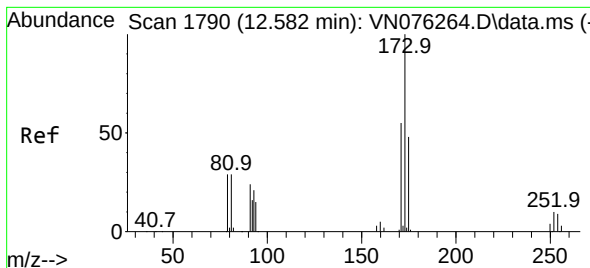
Reviewed By :John Carlone 01/23/2023  
Supervised By :Mahesh Dadoda 01/25/2023



#70  
Styrene  
Concen: 20.703 ug/l  
RT: 12.412 min Scan# 1761  
Delta R.T. -0.000 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

Tgt Ion:104 Resp: 225440  
Ion Ratio Lower Upper  
104 100  
78 48.3 37.4 56.0  
103 55.9 44.2 66.2





#71

Bromoform

Concen: 21.313 ug/l

RT: 12.582 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VN076350.D

Acq: 20 Jan 2023 16:54

Instrument :

MSVOA\_N

ClientSampleId :

VN0120MBS01

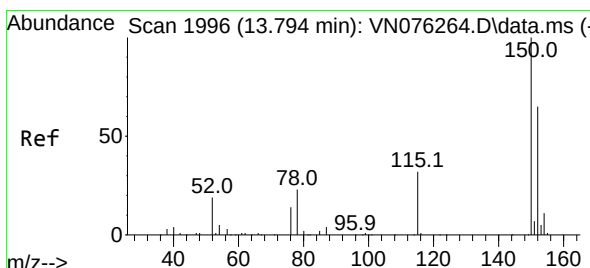
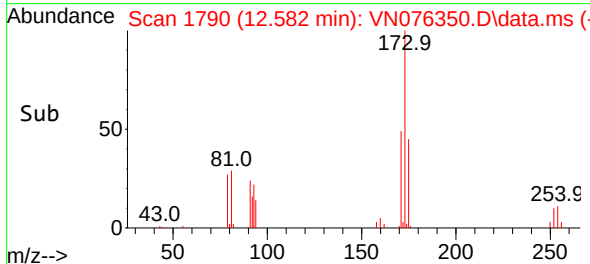
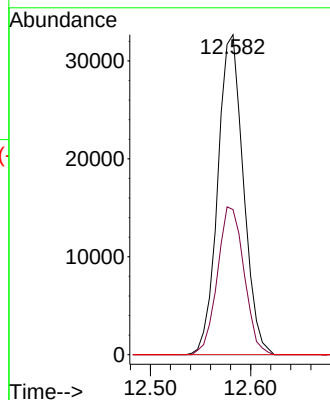
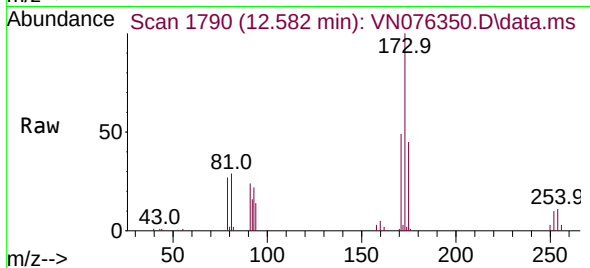
Tgt Ion:173 Resp: 57949  
 Ion Ratio Lower Upper  
 173 100  
 175 48.1 24.1 72.4  
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2023

Supervised By :Mahesh Dadoda 01/25/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

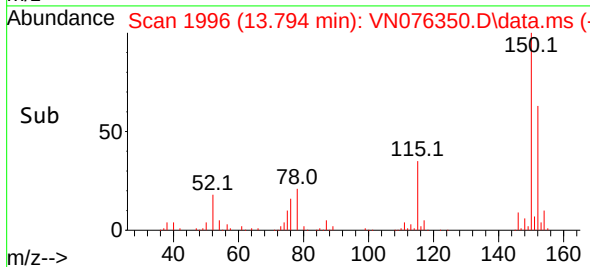
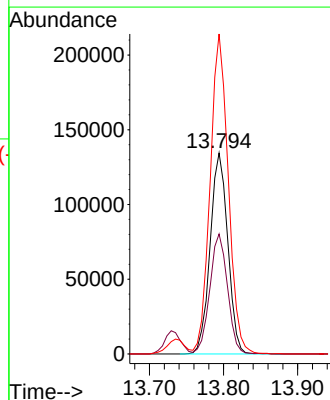
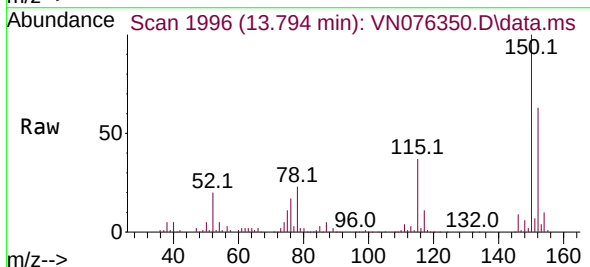
RT: 13.794 min Scan# 1996

Delta R.T. 0.000 min

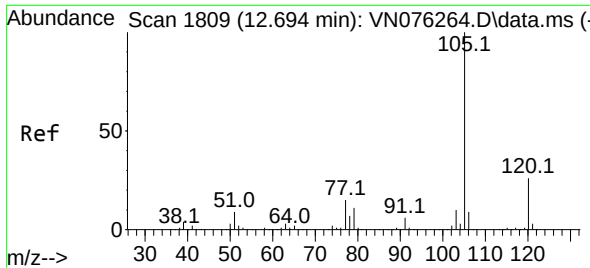
Lab File: VN076350.D

Acq: 20 Jan 2023 16:54

Tgt Ion:152 Resp: 222426  
 Ion Ratio Lower Upper  
 152 100  
 115 59.8 29.6 88.9  
 150 163.4 0.0 351.4







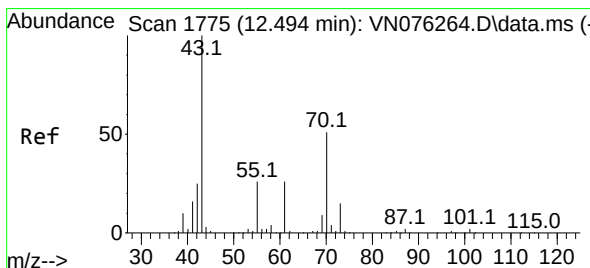
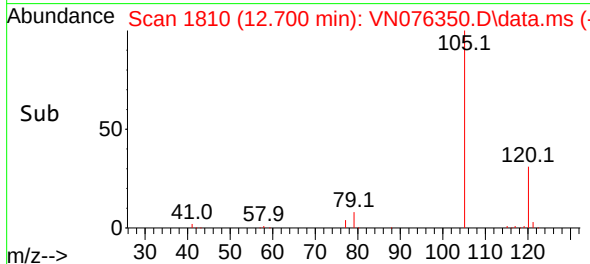
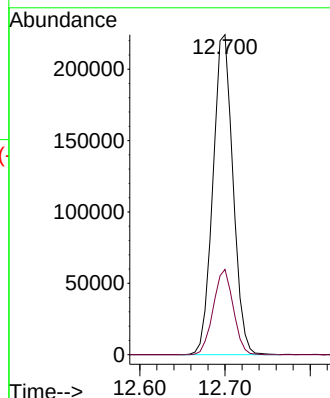
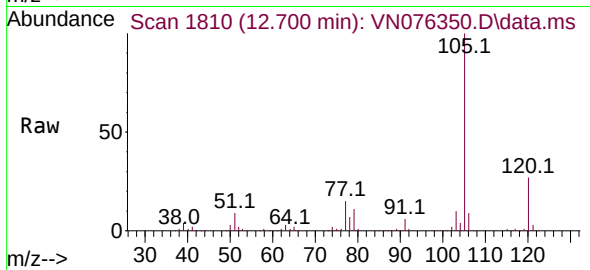
#73  
Isopropylbenzene  
Concen: 21.287 ug/l  
RT: 12.700 min Scan# 1809  
Delta R.T. 0.006 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120MBS01

Tgt Ion:105 Resp: 36628  
Ion Ratio Lower Upper  
105 100  
120 26.5 13.4 40.1

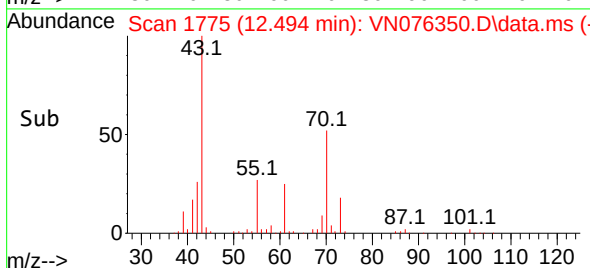
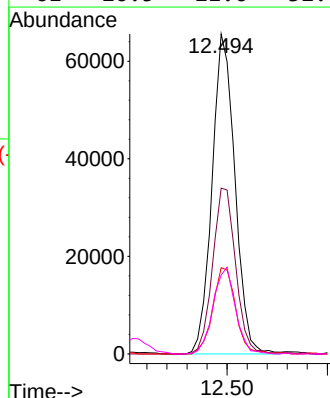
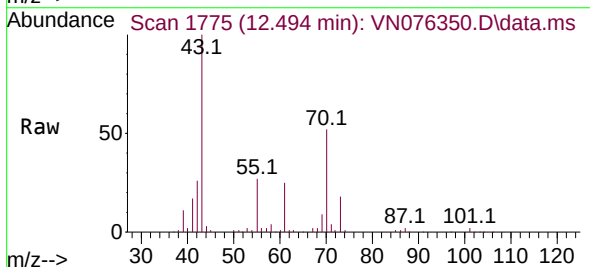
Manual Integrations  
APPROVED

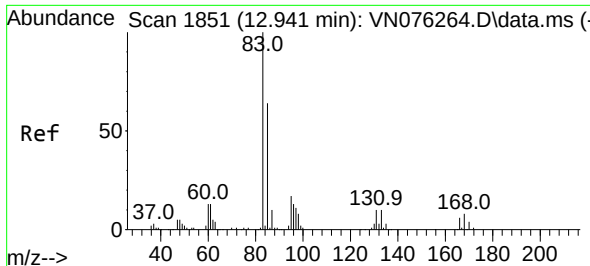
Reviewed By :John Carlone 01/23/2023  
Supervised By :Mahesh Dadoda 01/25/2023



#74  
N-ethyl acetate  
Concen: 21.022 ug/l  
RT: 12.494 min Scan# 1775  
Delta R.T. 0.000 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

Tgt Ion: 43 Resp: 104048  
Ion Ratio Lower Upper  
43 100  
70 52.4 41.2 61.8  
55 27.0 21.0 31.6  
61 26.5 21.6 32.4





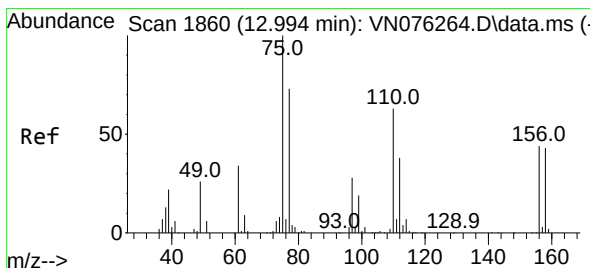
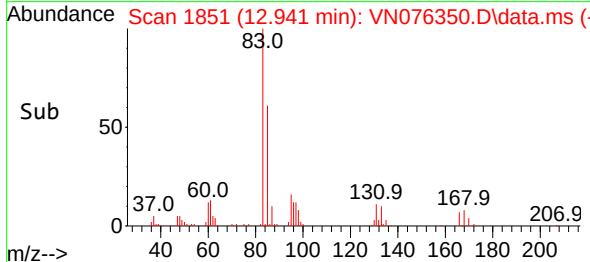
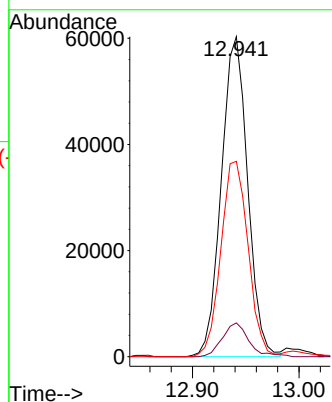
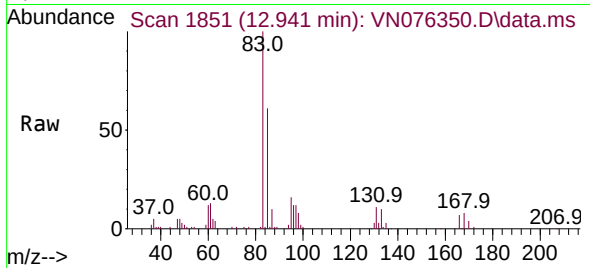
#75  
1,1,2,2-Tetrachloroethane  
Concen: 20.924 ug/l  
RT: 12.941 min Scan# 1851  
Delta R.T. 0.000 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120MBSD01

Tgt Ion: 83 Resp: 10350  
Ion Ratio Lower Upper  
83 100  
131 10.6 5.5 16.4  
85 63.1 31.7 95.1

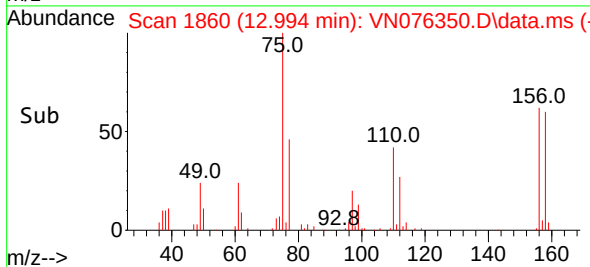
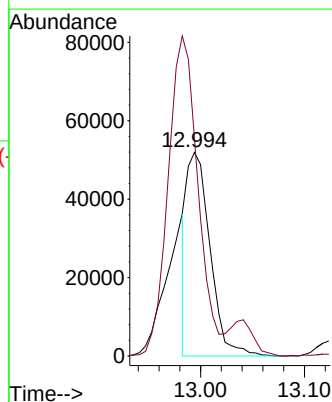
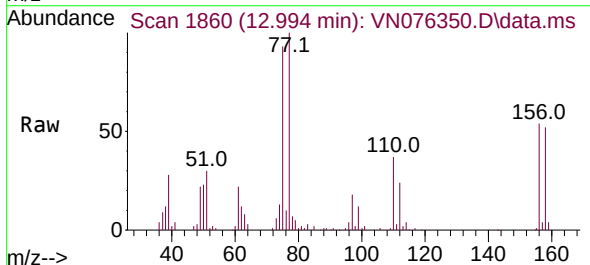
Manual Integrations  
APPROVED

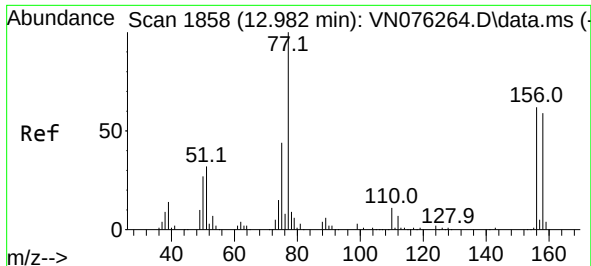
Reviewed By :John Carlone 01/23/2023  
Supervised By :Mahesh Dadoda 01/25/2023



#76  
1,2,3-Trichloropropane  
Concen: 19.370 ug/l m  
RT: 12.994 min Scan# 1860  
Delta R.T. 0.000 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

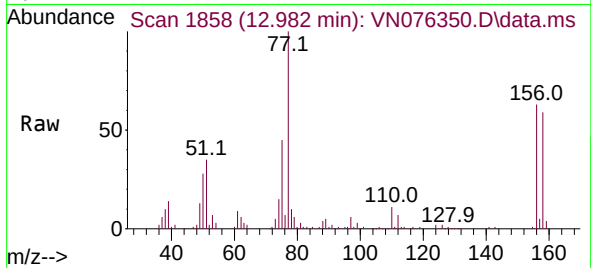
Tgt Ion: 75 Resp: 80841  
Ion Ratio Lower Upper  
75 100  
77 202.6 75.2 225.6





#77  
Bromobenzene  
Concen: 21.474 ug/l  
RT: 12.982 min Scan# 1858  
Delta R.T. 0.000 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

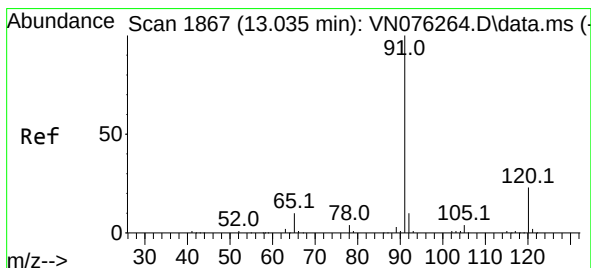
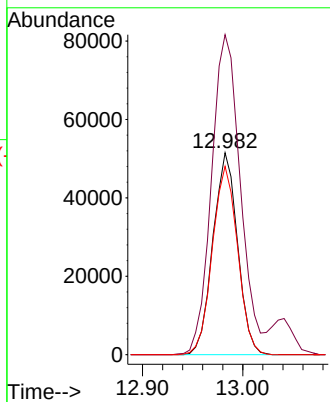
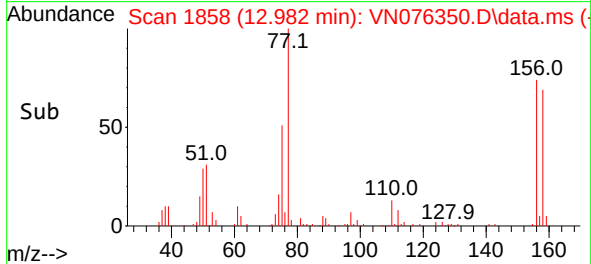
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120MBSD01



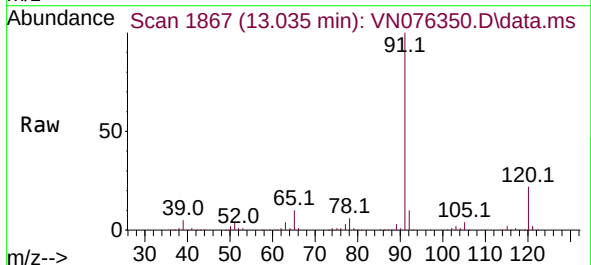
Tgt Ion:156 Resp: 87678  
Ion Ratio Lower Upper  
156 100  
77 186.8 93.4 280.2  
158 95.7 48.4 145.2

Manual Integrations  
APPROVED

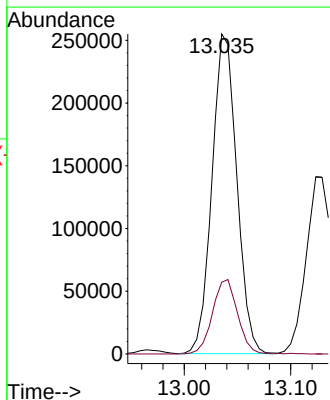
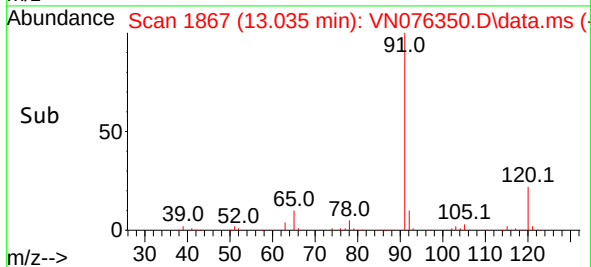
Reviewed By :John Carlone 01/23/2023  
Supervised By :Mahesh Dadoda 01/25/2023

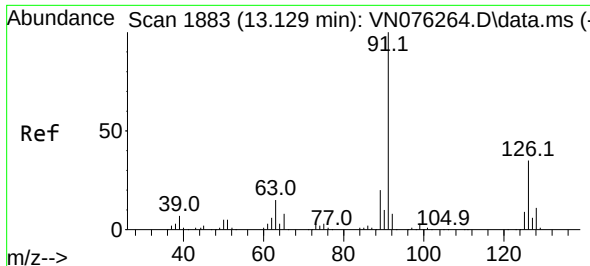


#78  
n-propylbenzene  
Concen: 21.215 ug/l  
RT: 13.035 min Scan# 1867  
Delta R.T. 0.000 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54



Tgt Ion: 91 Resp: 411895  
Ion Ratio Lower Upper  
91 100  
120 23.4 11.9 35.5





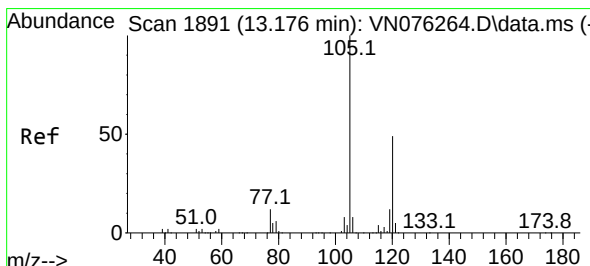
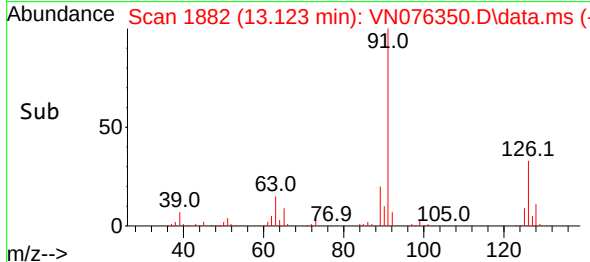
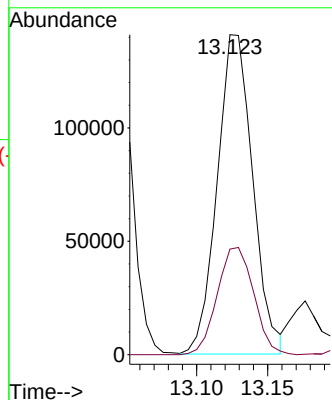
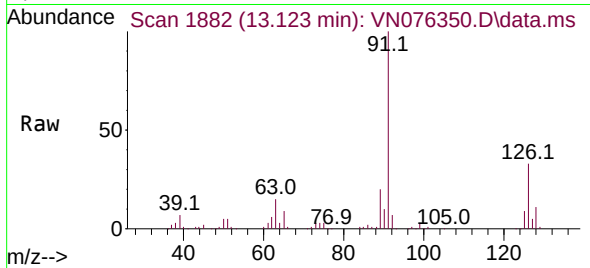
#79  
2-Chlorotoluene  
Concen: 20.585 ug/l  
RT: 13.123 min Scan# 1882  
Delta R.T. -0.006 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120MBS01

Tgt Ion: 91 Resp: 24524  
Ion Ratio Lower Upper  
91 100  
126 34.4 17.4 52.2

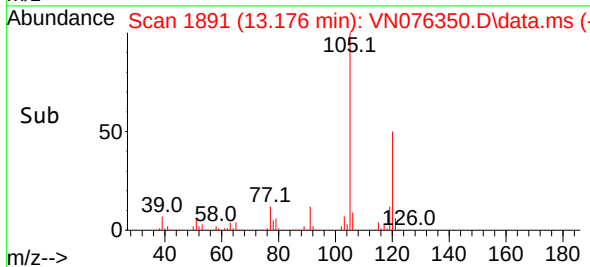
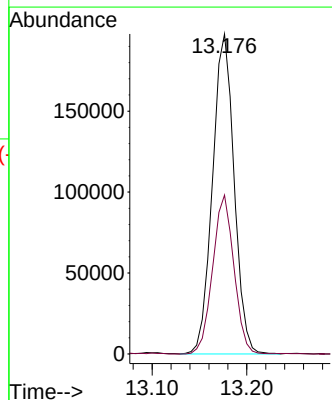
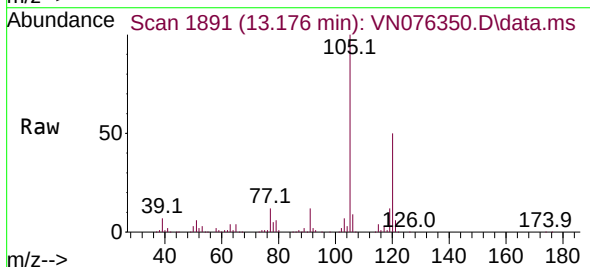
Manual Integrations  
APPROVED

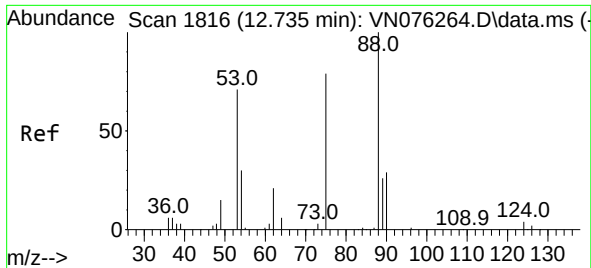
Reviewed By :John Carlone 01/23/2023  
Supervised By :Mahesh Dadoda 01/25/2023



#80  
1,3,5-Trimethylbenzene  
Concen: 21.747 ug/l  
RT: 13.176 min Scan# 1891  
Delta R.T. 0.000 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

Tgt Ion:105 Resp: 313485  
Ion Ratio Lower Upper  
105 100  
120 48.8 25.0 75.0





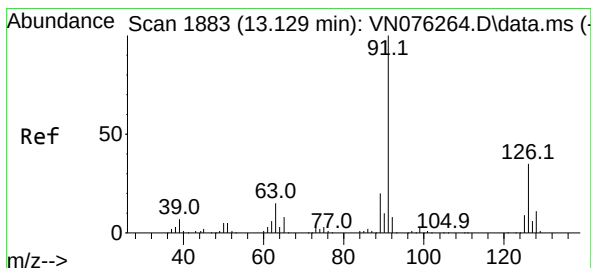
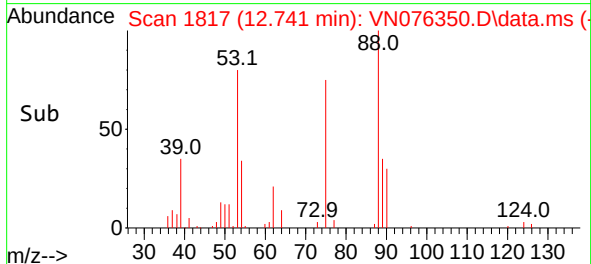
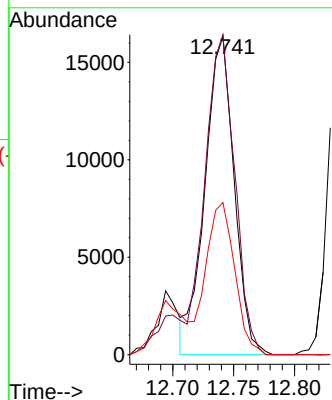
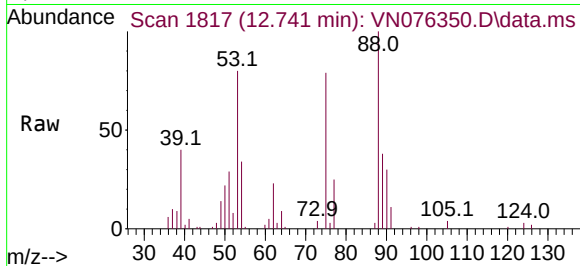
#81  
trans-1,4-Dichloro-2-butene  
Concen: 20.451 ug/l  
RT: 12.741 min Scan# 1816  
Delta R.T. 0.006 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120MBS01

Tgt Ion: 75 Resp: 27340  
Ion Ratio Lower Upper  
75 100  
53 114.2 75.8 113.8  
89 48.1 37.0 55.6

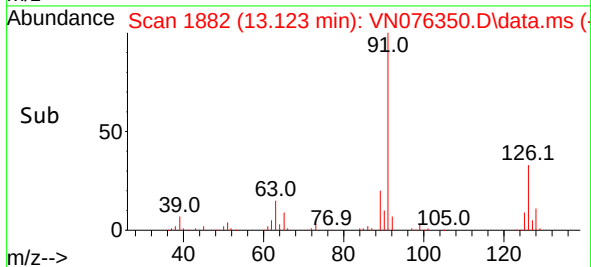
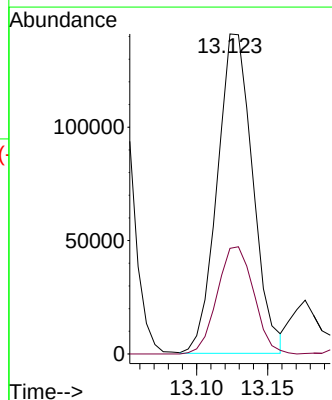
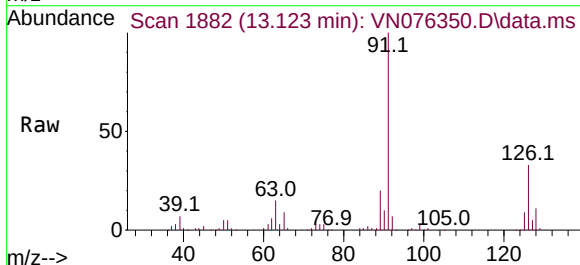
Manual Integrations  
APPROVED

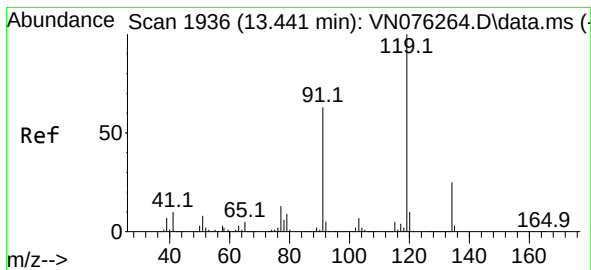
Reviewed By :John Carlone 01/23/2023  
Supervised By :Mahesh Dadoda 01/25/2023



#82  
4-Chlorotoluene  
Concen: 20.585 ug/l  
RT: 13.123 min Scan# 1882  
Delta R.T. -0.006 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

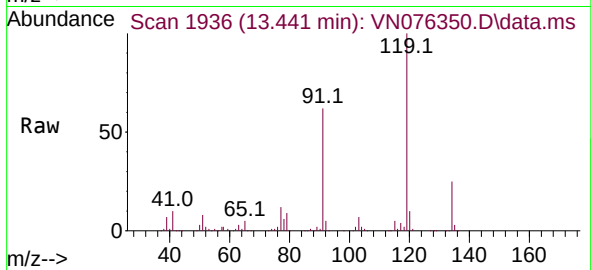
Tgt Ion: 91 Resp: 245242  
Ion Ratio Lower Upper  
91 100  
126 34.4 17.4 52.2





#83  
tert-Butylbenzene  
Concen: 21.930 ug/l  
RT: 13.441 min Scan# 1936  
Delta R.T. 0.000 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

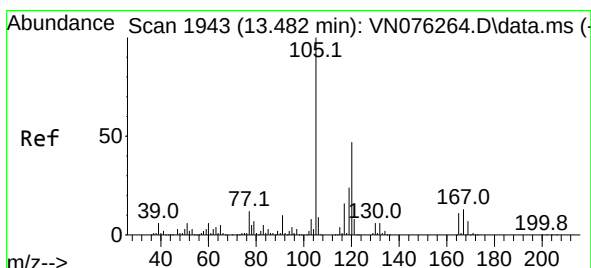
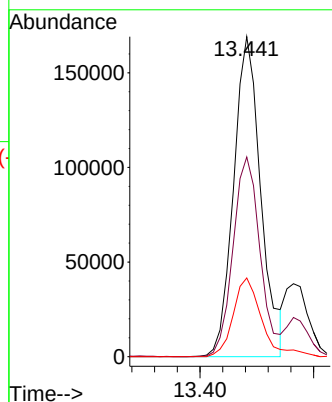
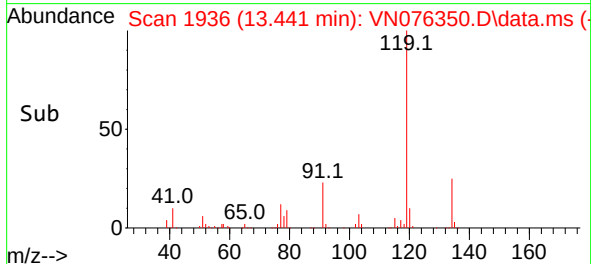
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120MBSD01



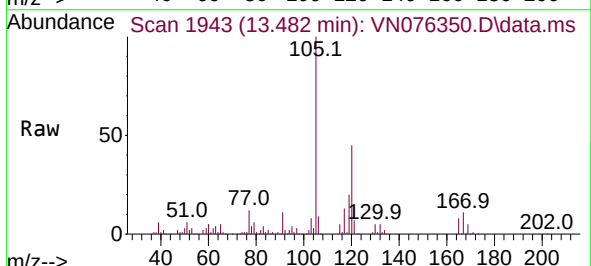
Tgt Ion:119 Resp: 28116  
Ion Ratio Lower Upper  
119 100  
91 62.3 32.2 96.6  
134 25.8 13.6 40.8

Manual Integrations  
APPROVED

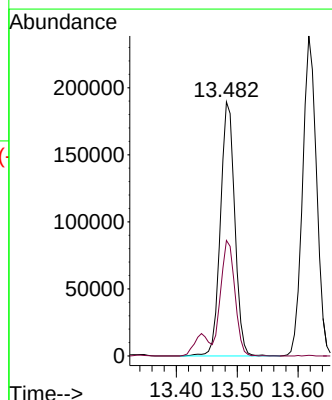
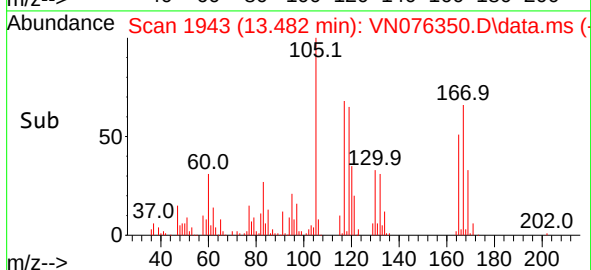
Reviewed By :John Carlone 01/23/2023  
Supervised By :Mahesh Dadoda 01/25/2023

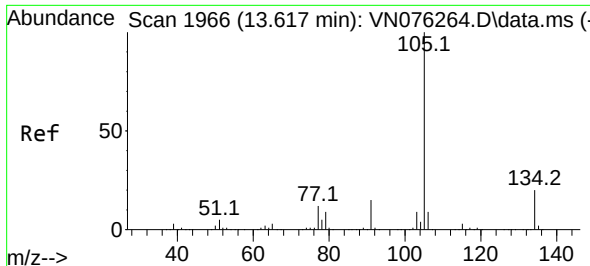


#84  
1,2,4-Trimethylbenzene  
Concen: 21.394 ug/l  
RT: 13.482 min Scan# 1943  
Delta R.T. 0.000 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54



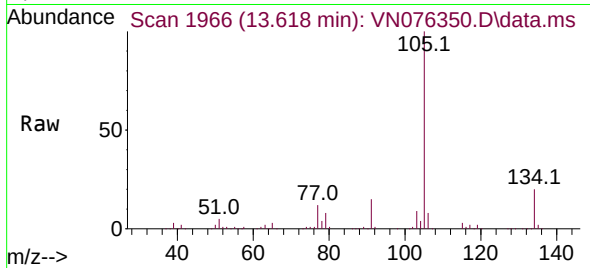
Tgt Ion:105 Resp: 309247  
Ion Ratio Lower Upper  
105 100  
120 44.9 22.9 68.5





#85  
 sec-Butylbenzene  
 Concen: 21.348 ug/l  
 RT: 13.618 min Scan# 1966  
 Delta R.T. 0.001 min  
 Lab File: VN076350.D  
 Acq: 20 Jan 2023 16:54

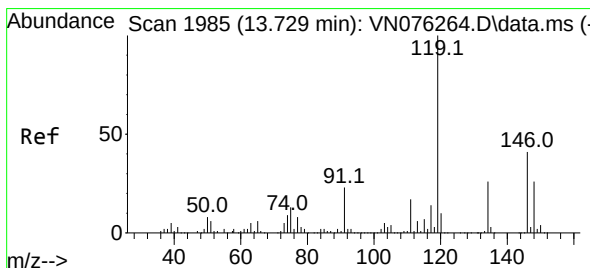
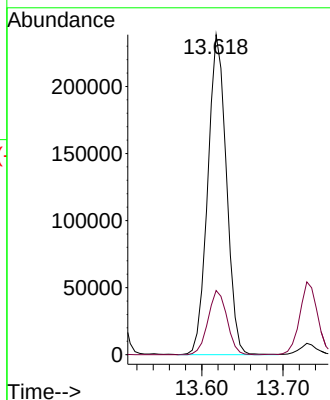
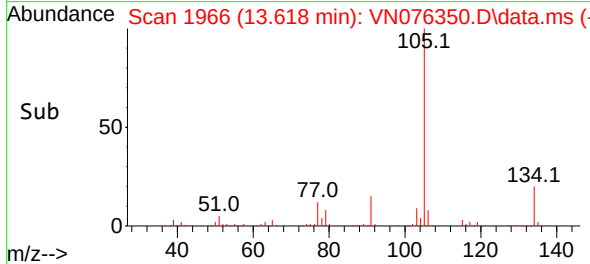
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0120MBSD01



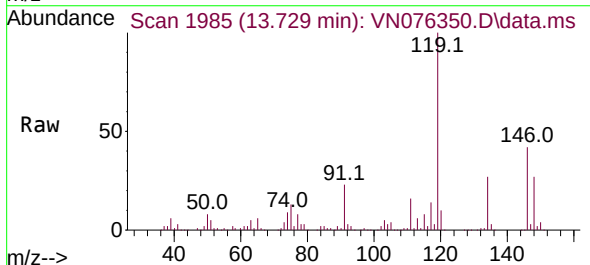
Tgt Ion:105 Resp: 37979  
 Ion Ratio Lower Upper  
 105 100  
 134 20.4 10.3 30.8

Manual Integrations  
 APPROVED

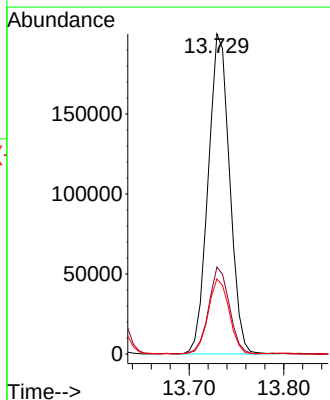
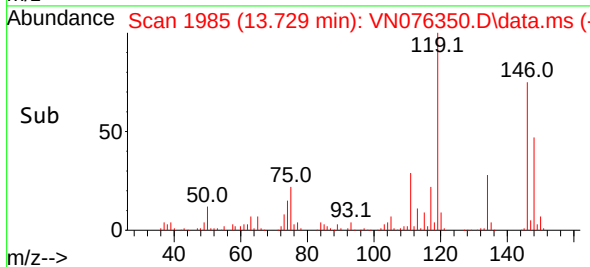
Reviewed By :John Carlone 01/23/2023  
 Supervised By :Mahesh Dadoda 01/25/2023

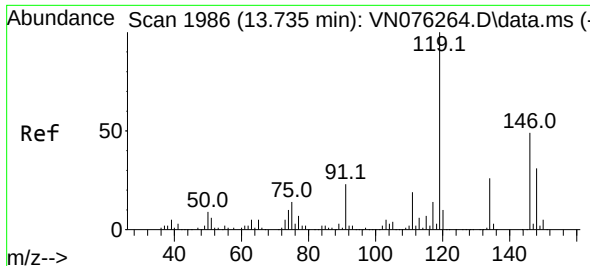


#86  
 p-Isopropyltoluene  
 Concen: 21.608 ug/l  
 RT: 13.729 min Scan# 1985  
 Delta R.T. 0.000 min  
 Lab File: VN076350.D  
 Acq: 20 Jan 2023 16:54



Tgt Ion:119 Resp: 316110  
 Ion Ratio Lower Upper  
 119 100  
 134 26.2 13.2 39.6  
 91 23.0 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 19.789 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN076350.D

Acq: 20 Jan 2023 16:54

Instrument :

MSVOA\_N

ClientSampleId :

VN0120MBS01

Tgt Ion:146 Resp: 160490

Ion Ratio Lower Upper

146 100

111 39.0 19.9 59.7

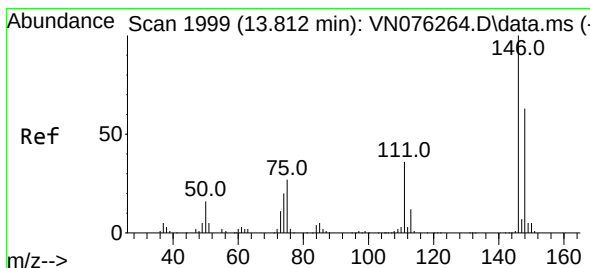
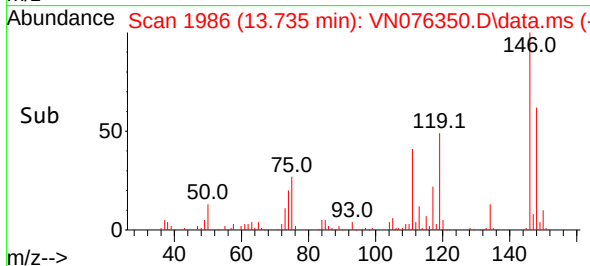
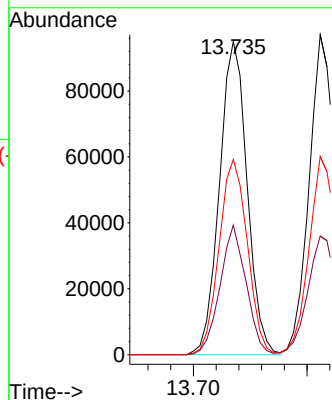
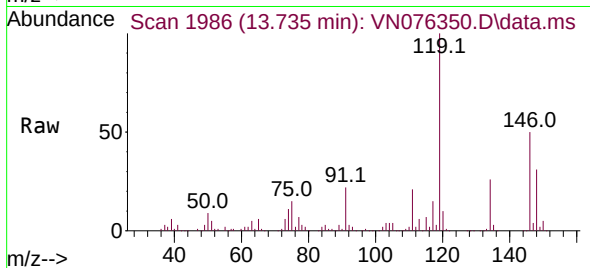
148 63.8 31.6 94.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2023

Supervised By :Mahesh Dadoda 01/25/2023



#88

1,4-Dichlorobenzene

Concen: 20.572 ug/l

RT: 13.812 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN076350.D

Acq: 20 Jan 2023 16:54

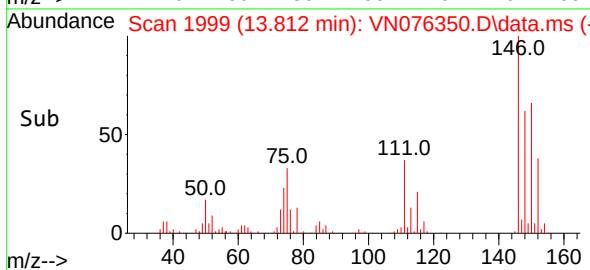
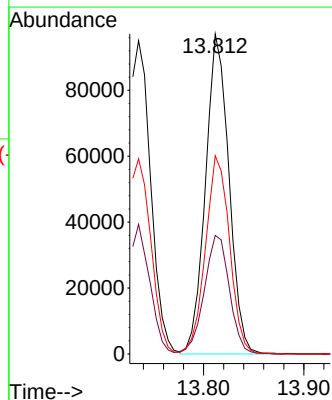
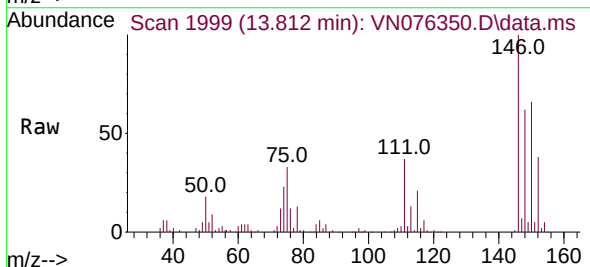
Tgt Ion:146 Resp: 158248

Ion Ratio Lower Upper

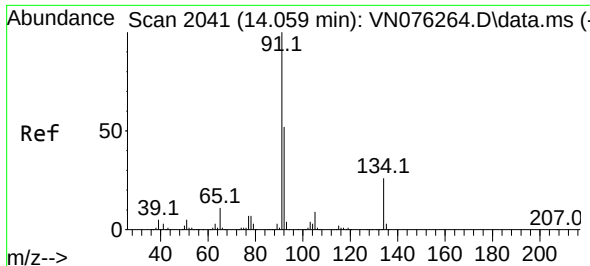
146 100

111 39.8 19.1 57.5

148 63.7 31.9 95.9







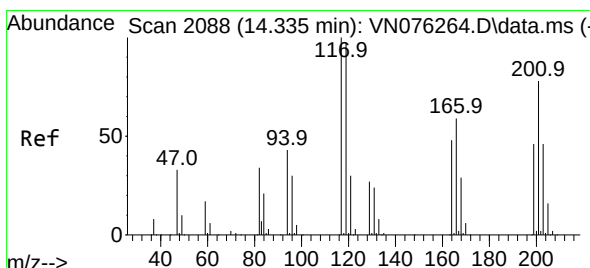
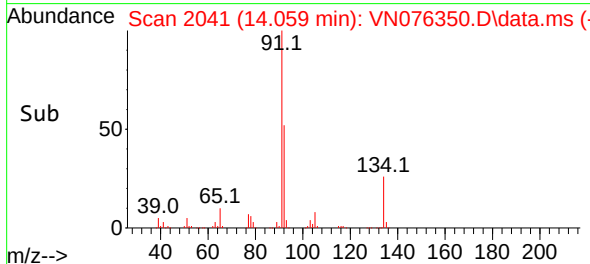
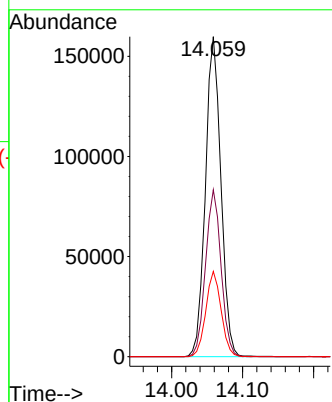
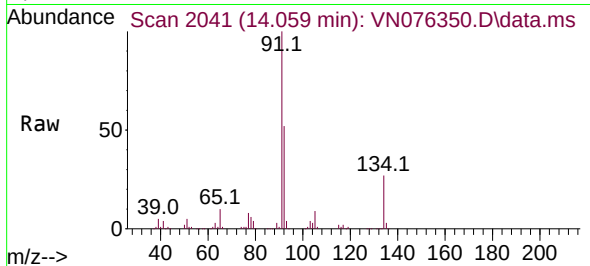
#89  
n-Butylbenzene  
Concen: 20.905 ug/l  
RT: 14.059 min Scan# 2041  
Delta R.T. -0.000 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120MBSD01

Tgt Ion: 91 Resp: 24277  
Ion Ratio Lower Upper  
91 100  
92 52.2 26.3 78.9  
134 26.4 13.2 39.5

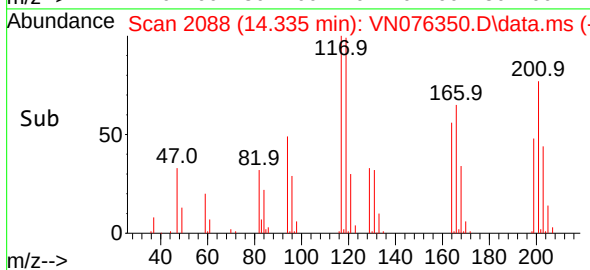
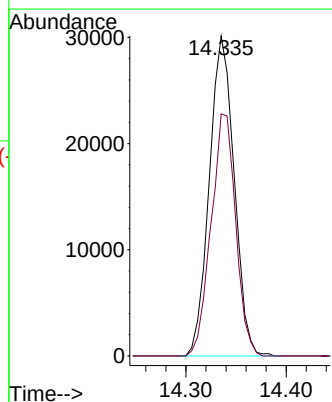
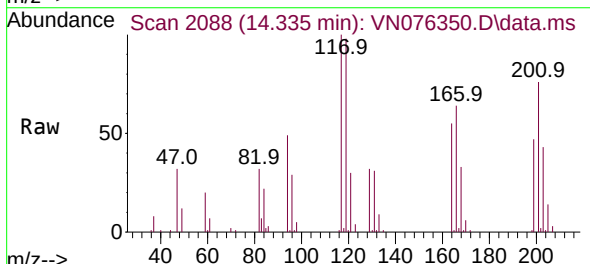
Manual Integrations  
APPROVED

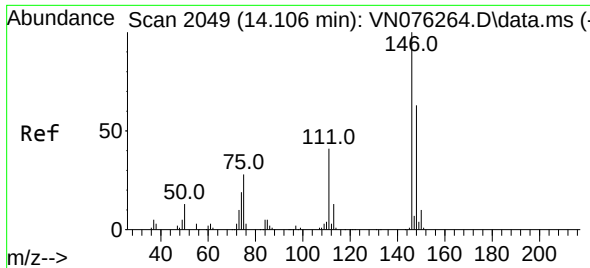
Reviewed By :John Carlone 01/23/2023  
Supervised By :Mahesh Dadoda 01/25/2023



#90  
Hexachloroethane  
Concen: 20.541 ug/l  
RT: 14.335 min Scan# 2088  
Delta R.T. 0.000 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

Tgt Ion:117 Resp: 51863  
Ion Ratio Lower Upper  
117 100  
201 74.9 37.3 111.9





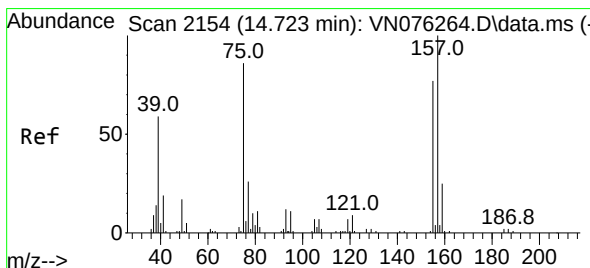
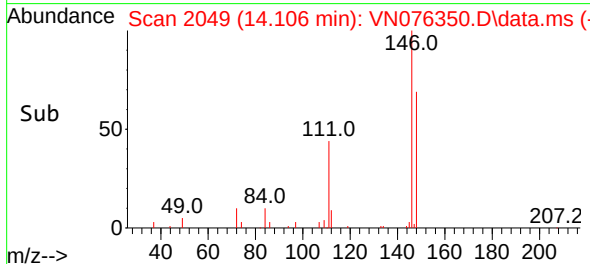
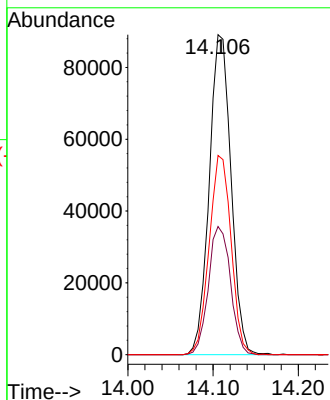
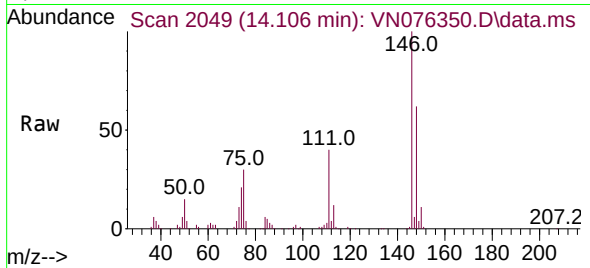
#91  
1,2-Dichlorobenzene  
Concen: 19.605 ug/l  
RT: 14.106 min Scan# 2049  
Delta R.T. -0.000 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120MBSD01

Tgt Ion:146 Resp: 15836  
Ion Ratio Lower Upper  
146 100  
111 40.5 20.3 60.8  
148 62.6 31.8 95.4

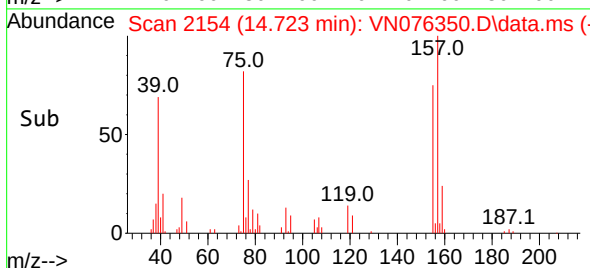
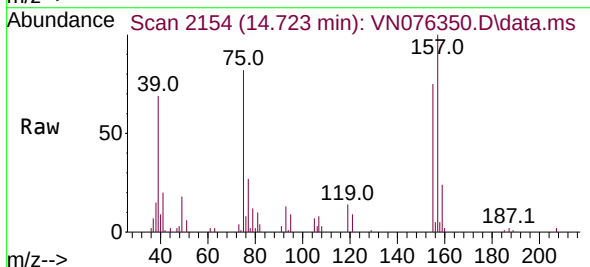
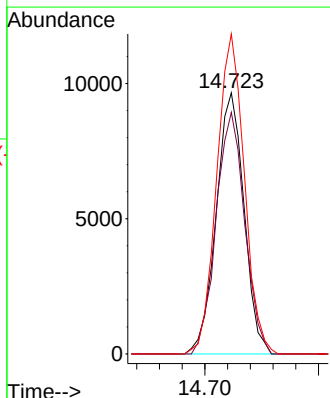
Manual Integrations  
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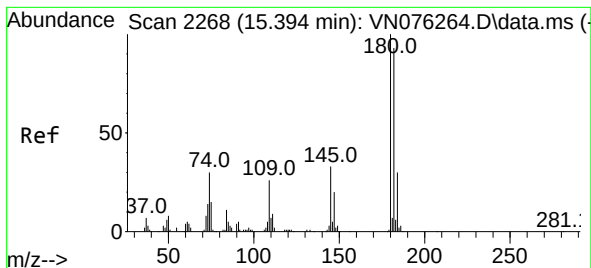
Reviewed By :John Carlone 01/23/2023  
Supervised By :Mahesh Dadoda 01/25/2023



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 19.090 ug/l  
RT: 14.723 min Scan# 2154  
Delta R.T. 0.000 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

Tgt Ion: 75 Resp: 16414  
Ion Ratio Lower Upper  
75 100  
155 94.8 45.0 135.0  
157 121.5 58.3 174.9





#93

1,2,4-Trichlorobenzene

Concen: 19.323 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN076350.D

Acq: 20 Jan 2023 16:54

Instrument :

MSVOA\_N

ClientSampleId :

VN0120MBS01

Tgt Ion:180 Resp: 7221

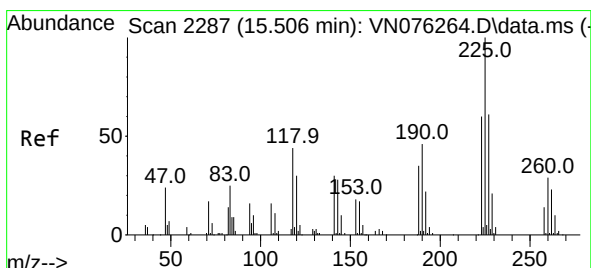
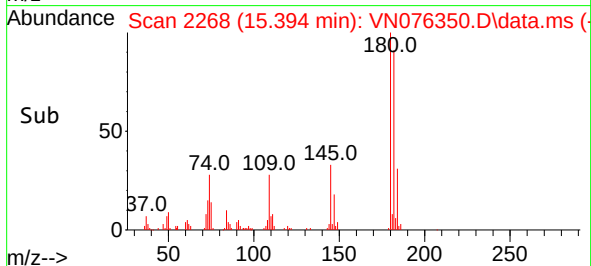
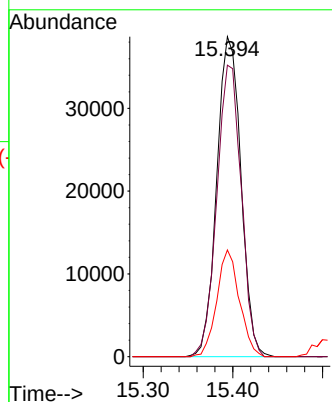
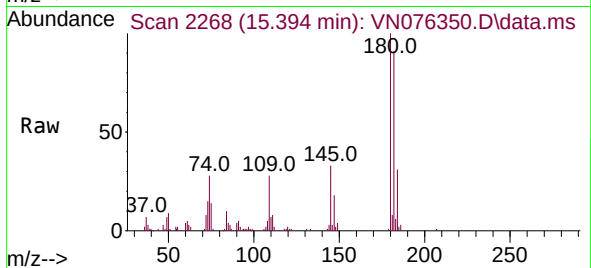
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 92.1  | 47.0  | 141.2 |
| 145 | 31.3  | 15.2  | 45.5  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2023

Supervised By :Mahesh Dadoda 01/25/2023



#94

Hexachlorobutadiene

Concen: 18.535 ug/l

RT: 15.506 min Scan# 2287

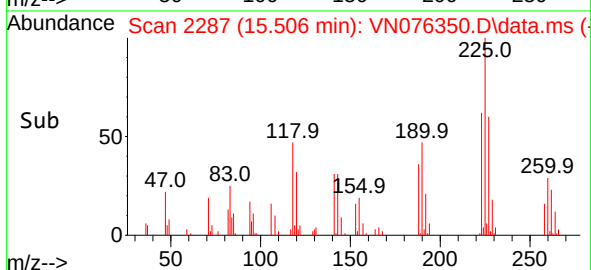
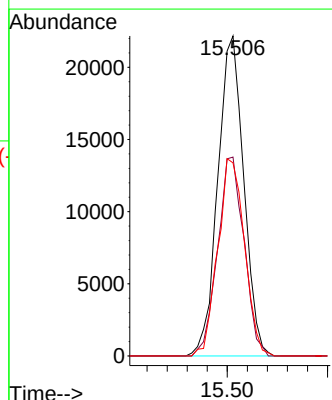
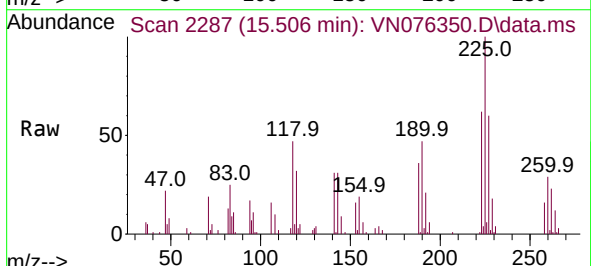
Delta R.T. -0.000 min

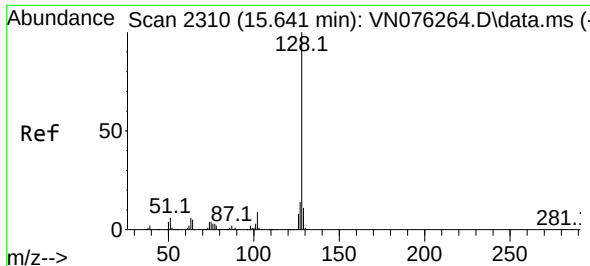
Lab File: VN076350.D

Acq: 20 Jan 2023 16:54

Tgt Ion:225 Resp: 39731

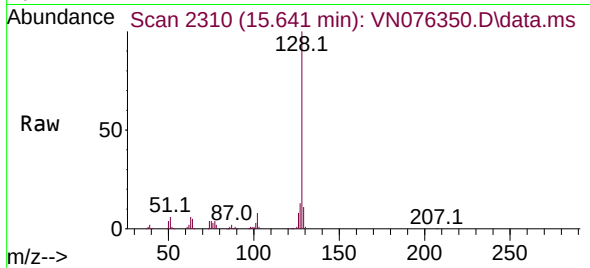
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 225 | 100   |       |       |
| 223 | 63.3  | 30.8  | 92.3  |
| 227 | 63.4  | 30.9  | 92.8  |





#95  
Naphthalene  
Concen: 19.390 ug/l  
RT: 15.641 min Scan# 2310  
Delta R.T. -0.000 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

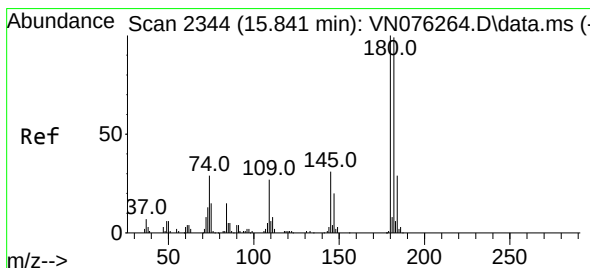
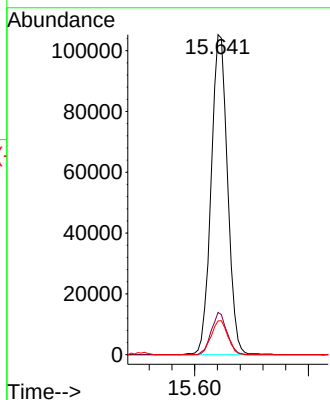
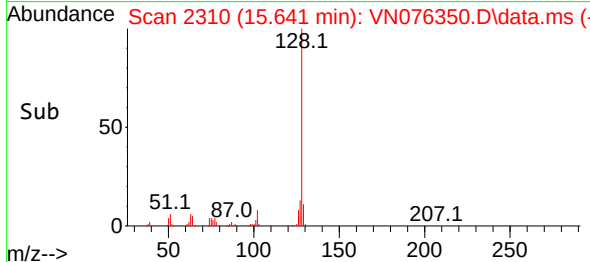
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120MBS01



Tgt Ion:128 Resp: 21058  
Ion Ratio Lower Upper  
128 100  
127 12.6 10.3 15.5  
129 10.8 8.6 13.0

Manual Integrations  
APPROVED

Reviewed By :John Carlone 01/23/2023  
Supervised By :Mahesh Dadoda 01/25/2023



#96  
1,2,3-Trichlorobenzene  
Concen: 19.457 ug/l  
RT: 15.841 min Scan# 2344  
Delta R.T. -0.000 min  
Lab File: VN076350.D  
Acq: 20 Jan 2023 16:54

Tgt Ion:180 Resp: 69703  
Ion Ratio Lower Upper  
180 100  
182 97.1 47.5 142.5  
145 33.9 15.9 47.6

