

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN031722\  
 Data File : VN071343.D  
 Acq On : 17 Mar 2022 02:27  
 Operator : JC\MD  
 Sample : VSTDICV020  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 ICSVN031722

Quant Time: Mar 17 06:40:19 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N031722W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Thu Mar 17 06:37:08 2022  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : John Carlone 03/17/2022  
 Supervised By : Semsettin Yesilyurt 03/21/2022

| Compound                     | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|----------|--------|----------|
| -----                        |                |      |            |          |        |          |
| Internal Standards           |                |      |            |          |        |          |
| 1) Bromochloromethane        | 7.657          | 128  | 118372     | 30.000   | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene      | 8.963          | 114  | 658016     | 30.000   | ug/l   | 0.00     |
| 57) Chlorobenzene-d5         | 11.739         | 117  | 581853     | 30.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |            |          |        |          |
| 27) 1,2-Dichloroethane-d4    | 8.434          | 65   | 275039     | 29.266   | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 91 - 110 |      | Recovery = | 97.567%  |        |          |
| 60) 4-Bromofluorobenzene     | 12.727         | 95   | 264825     | 29.460   | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 63 - 112 |      | Recovery = | 98.200%  |        |          |
| 63) Toluene-d8               | 10.439         | 98   | 828787     | 30.964   | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 91 - 112 |      | Recovery = | 103.200% |        |          |
| Target Compounds             |                |      |            |          |        |          |
|                              |                |      |            |          |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.069          | 85   | 153639     | 20.073   | ug/l   | 98       |
| 3) Chloromethane             | 2.299          | 50   | 200203     | 19.606   | ug/l   | 96       |
| 4) Vinyl Chloride            | 2.440          | 62   | 181173     | 19.320   | ug/l   | 99       |
| 5) Bromomethane              | 2.846          | 94   | 107957     | 22.971   | ug/l   | 96       |
| 6) Chloroethane              | 3.010          | 64   | 112001     | 19.626   | ug/l   | 100      |
| 7) Trichlorofluoromethane    | 3.369          | 101  | 233224     | 19.721   | ug/l   | 98       |
| 8) Diethyl Ether             | 3.822          | 74   | 99174      | 19.307   | ug/l   | 86       |
| 9) 1,1,2-Trichlorotrifluo... | 4.210          | 101  | 127322m    | 19.145   | ug/l   |          |
| 10) 1,1-Dichloroethene       | 4.175          | 96   | 130347     | 19.260   | ug/l   | 96       |
| 11) Methyl Iodide            | 4.422          | 142  | 166472     | 17.864   | ug/l   | 96       |
| 12) Methyl Acetate           | 4.851          | 43   | 249353     | 19.252   | ug/l   | 90       |
| 13) Acrolein                 | 4.040          | 56   | 164581     | 96.917   | ug/l   | 98       |
| 14) Acrylonitrile            | 5.551          | 53   | 509715     | 94.396   | ug/l   | 98       |
| 15) Acetone                  | 4.281          | 58   | 136387     | 96.085   | ug/l   | 98       |
| 16) Carbon Disulfide         | 4.528          | 76   | 357421     | 19.530   | ug/l   | 98       |
| 17) Allyl chloride           | 4.840          | 41   | 262281     | 18.806   | ug/l   | 81       |
| 18) Methylene Chloride       | 5.093          | 84   | 156542     | 18.971   | ug/l   | 90       |
| 19) trans-1,2-Dichloroethene | 5.598          | 96   | 140695     | 19.781   | ug/l   | 89       |
| 20) Diisopropyl ether        | 6.493          | 45   | 548270     | 19.533   | ug/l   | 94       |
| 21) 1,1-Dichloroethane       | 6.381          | 63   | 285752     | 19.131   | ug/l   | 97       |
| 22) cis-1,2-Dichloroethene   | 7.322          | 96   | 166634     | 19.328   | ug/l   | 96       |
| 23) tert-Butyl Alcohol       | 5.363          | 59   | 184510     | 92.379   | ug/l # | 100      |
| 24) Methyl tert-Butyl Ether  | 5.616          | 73   | 500797     | 19.389   | ug/l   | 96       |
| 25) Chloroform               | 7.816          | 83   | 277733     | 19.361   | ug/l   | 100      |
| 26) Cyclohexane              | 8.092          | 56   | 260764     | 19.286   | ug/l # | 91       |
| 29) 1,1-Dichloropropene      | 8.216          | 75   | 207179     | 19.564   | ug/l   | 97       |
| 30) 2-Butanone               | 7.334          | 43   | 713692     | 95.180   | ug/l   | 95       |
| 31) 2,2-Dichloropropane      | 7.322          | 77   | 181019     | 18.235   | ug/l   | 98       |
| 32) 1,1,1-Trichloroethane    | 8.010          | 97   | 242678     | 19.652   | ug/l   | 97       |
| 33) Carbon Tetrachloride     | 8.204          | 117  | 207029     | 19.717   | ug/l   | 95       |
| 34) Benzene                  | 8.457          | 78   | 640383     | 19.537   | ug/l   | 97       |
| 35) Methacrylonitrile        | 7.634          | 41   | 147839     | 20.350   | ug/l   | 88       |
| 36) 1,2-Dichloroethane       | 8.528          | 62   | 232149     | 19.832   | ug/l   | 97       |
| 37) Trichloroethene          | 9.210          | 130  | 151686     | 19.420   | ug/l   | 96       |
| 38) Methylcyclohexane        | 9.457          | 83   | 249255     | 19.613   | ug/l   | 94       |
| 39) 1,2-Dichloropropane      | 9.486          | 63   | 170607     | 19.635   | ug/l   | 100      |
| 40) Dibromomethane           | 9.575          | 93   | 104161     | 18.950   | ug/l   | 91       |
| 41) Bromodichloromethane     | 9.757          | 83   | 216186     | 19.506   | ug/l   | 98       |
| 42) Vinyl Acetate            | 6.428          | 43   | 2396867    | 97.819   | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN031722\  
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 Sample : VSTDICV020  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 ICVVN031722

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 03/17/2022  
 Supervised By : Semsettin Yesilyurt 03/21/2022

Quant Time: Mar 17 06:40:19 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N031722W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Thu Mar 17 06:37:08 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 43) Ethyl Acetate             | 7.410  | 43   | 279988   | 19.201  | ug/l   | 94       |
| 44) Isopropyl Acetate         | 8.557  | 43   | 443574   | 18.917  | ug/l   | 97       |
| 45) 1,4-Dioxane               | 9.563  | 88   | 77627    | 371.731 | ug/l   | 91       |
| 46) Methyl methacrylate       | 9.557  | 41   | 190151   | 18.330  | ug/l   | 83       |
| 47) n-amyl Acetate            | 12.380 | 43   | 281812   | 18.117  | ug/l   | 97       |
| 48) t-1,3-Dichloropropene     | 10.716 | 75   | 224609   | 18.607  | ug/l   | 97       |
| 49) cis-1,3-Dichloropropene   | 10.186 | 75   | 249956   | 19.151  | ug/l   | 93       |
| 50) 1,1,2-Trichloroethane     | 10.892 | 97   | 154341   | 19.282  | ug/l   | 98       |
| 51) Ethyl methacrylate        | 10.757 | 69   | 258194   | 18.751  | ug/l   | 86       |
| 52) 1,3-Dichloropropane       | 11.039 | 76   | 280393   | 19.451  | ug/l   | 99       |
| 53) Dibromochloromethane      | 11.233 | 129  | 160662   | 19.254  | ug/l   | 98       |
| 54) 1,2-Dibromoethane         | 11.345 | 107  | 159344   | 19.199  | ug/l   | 96       |
| 55) 2-Chloroethyl vinyl ether | 10.039 | 63   | 353878   | 84.740  | ug/l   | 98       |
| 56) Bromoform                 | 12.451 | 173  | 120966   | 18.797  | ug/l # | 99       |
| 58) 4-Methyl-2-Pentanone      | 10.328 | 43   | 1400249  | 100.220 | ug/l   | 98       |
| 59) 2-Hexanone                | 11.080 | 43   | 1025571  | 98.748  | ug/l   | 98       |
| 61) Tetrachloroethene         | 10.975 | 164  | 128037   | 20.171  | ug/l   | 91       |
| 62) Toluene                   | 10.504 | 91   | 675190   | 20.295  | ug/l   | 96       |
| 64) Chlorobenzene             | 11.769 | 112  | 407901   | 20.217  | ug/l   | 100      |
| 65) 1,1,1,2-Tetrachloroethane | 11.839 | 131  | 151330   | 20.217  | ug/l   | 99       |
| 66) Ethyl Benzene             | 11.839 | 91   | 725460   | 19.788  | ug/l   | 99       |
| 67) m/p-Xylenes               | 11.951 | 106  | 554465   | 40.246  | ug/l   | 98       |
| 68) o-Xylene                  | 12.275 | 106  | 278020   | 20.050  | ug/l   | 98       |
| 69) Styrene                   | 12.292 | 104  | 430201   | 19.690  | ug/l   | 98       |
| 70) Isopropylbenzene          | 12.575 | 105  | 695563   | 19.832  | ug/l   | 100      |
| 71) 1,1,2,2-Tetrachloroethane | 12.822 | 83   | 244854   | 20.123  | ug/l   | 98       |
| 72) 1,2,3-Trichloropropane    | 12.880 | 75   | 222560m  | 20.125  | ug/l   |          |
| 73) Bromobenzene              | 12.857 | 156  | 161440   | 19.658  | ug/l   | 93       |
| 74) n-propylbenzene           | 12.916 | 91   | 750968   | 19.427  | ug/l   | 100      |
| 75) 2-Chlorotoluene           | 13.004 | 91   | 473538   | 19.543  | ug/l   | 97       |
| 76) 1,3,5-Trimethylbenzene    | 13.057 | 105  | 553778   | 19.892  | ug/l   | 97       |
| 77) t-1,4-Dichloro-2-butene   | 12.622 | 75   | 67049    | 18.310  | ug/l   | 97       |
| 78) 4-Chlorotoluene           | 13.098 | 91   | 430388   | 19.168  | ug/l   | 97       |
| 79) tert-butylbenzene         | 13.322 | 119  | 495745   | 19.499  | ug/l   | 96       |
| 80) 1,2,4-Trimethylbenzene    | 13.363 | 105  | 537781m  | 19.912  | ug/l   |          |
| 81) sec-Butylbenzene          | 13.498 | 105  | 661531   | 19.547  | ug/l   | 100      |
| 82) p-Isopropyltoluene        | 13.610 | 119  | 524701   | 19.277  | ug/l   | 97       |
| 83) 1,3-Dichlorobenzene       | 13.610 | 146  | 265758   | 19.822  | ug/l   | 97       |
| 84) 1,4-Dichlorobenzene       | 13.692 | 146  | 250069   | 19.592  | ug/l   | 98       |
| 85) n-Butylbenzene            | 13.939 | 91   | 377468   | 18.625  | ug/l   | 96       |
| 86) Hexachloroethane          | 14.204 | 117  | 99129    | 19.123  | ug/l   | 82       |
| 87) 1,2-Dichlorobenzene       | 13.986 | 146  | 260760   | 20.051  | ug/l   | 99       |
| 88) 1,2-Dibromo-3-Chloropr... | 14.598 | 75   | 43710    | 18.706  | ug/l   | 92       |
| 89) 1,2,4-Trichlorobenzene    | 15.257 | 180  | 113382   | 18.828  | ug/l   | 98       |
| 90) Hexachlorobutadiene       | 15.363 | 225  | 69354    | 20.383  | ug/l   | 98       |
| 91) Naphthalene               | 15.504 | 128  | 351231   | 18.634  | ug/l   | 98       |
| 92) 1,2,3-Trichlorobenzene    | 15.698 | 180  | 117851   | 19.082  | ug/l   | 98       |

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

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 Acq On : 17 Mar 2022 02:27  
 Operator : JC\MD  
 Sample : VSTDICV020  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 40 Sample Multiplier: 1

## Instrument :

MSVOA\_N

## Client SampleId :

ICVVN031722

## Manual Integrations

## APPROVED

Reviewed By : John Carlone 03/17/2022

Supervised By : Semsettin Yesilyurt 03/21/2022

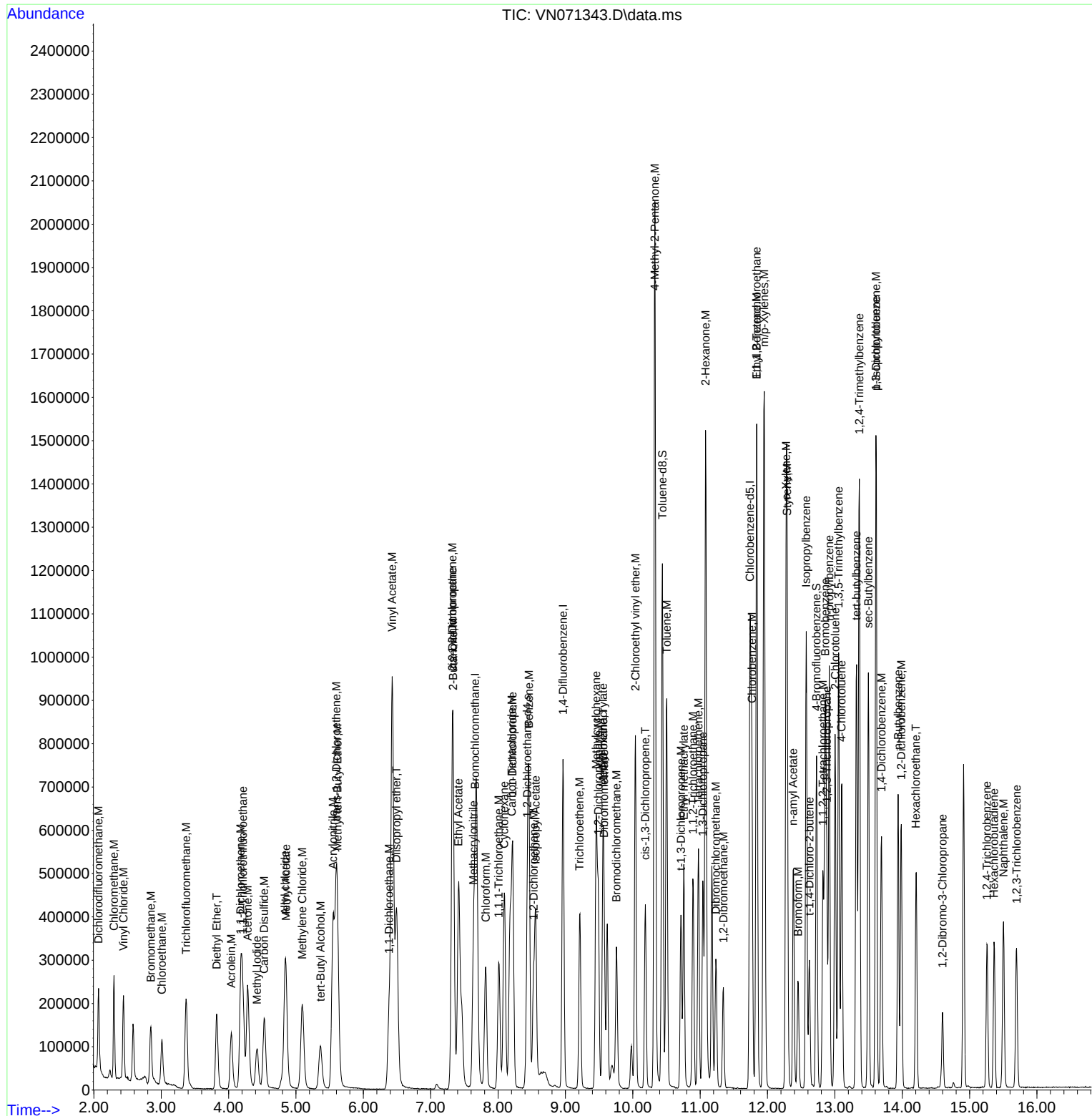
Quant Time: Mar 17 06:40:19 2022

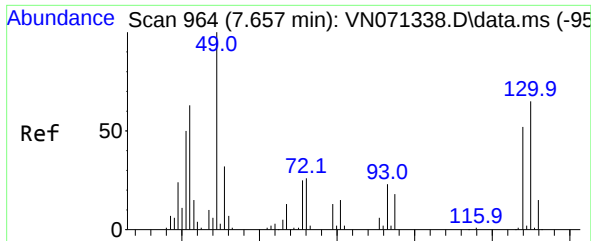
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N031722W.M

Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

QLast Update : Thu Mar 17 06:37:08 2022

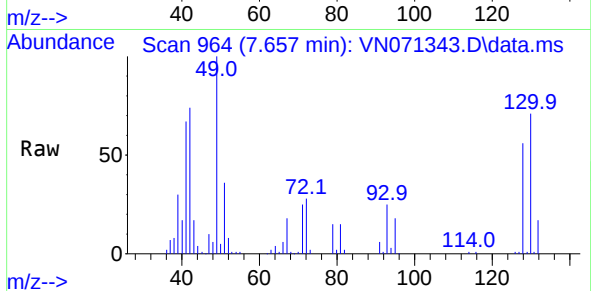
Response via : Initial Calibration





#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 7.657 min Scan# 964  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27

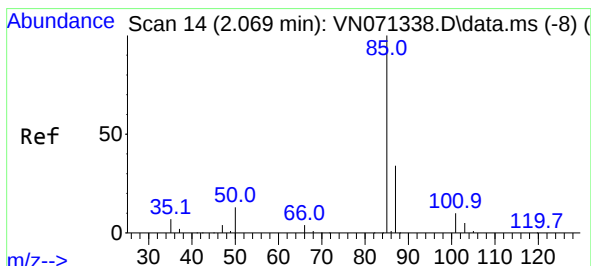
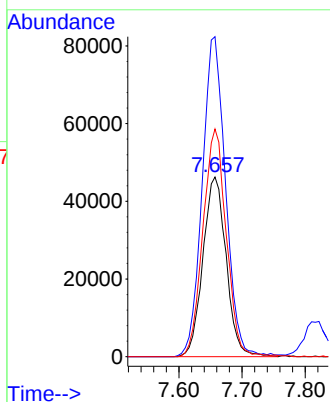
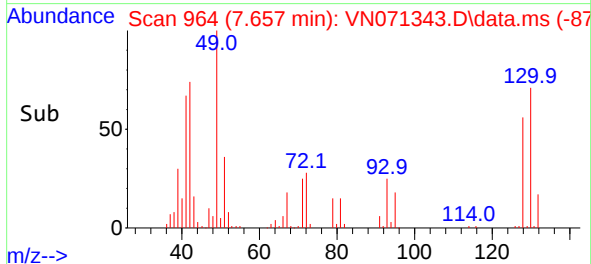
Instrument :  
MSVOA\_N  
ClientSampleId :  
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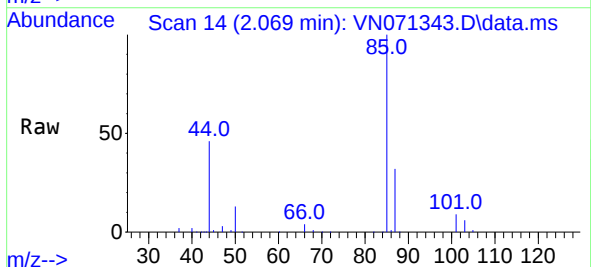
Tgt Ion:128 Resp: 118372  
Ion Ratio Lower Upper  
128 100  
49 177.8 0.0 392.3  
130 126.0 0.0 320.2

Manual Integrations  
APPROVED

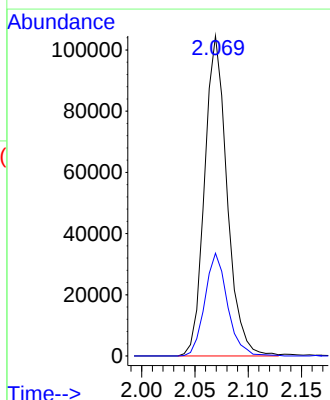
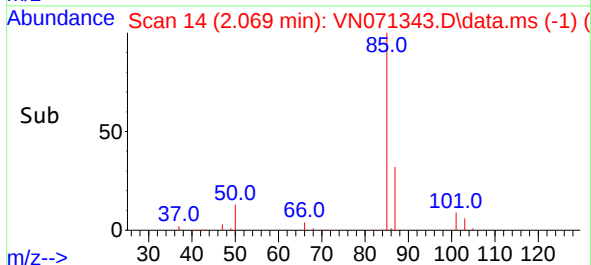
Reviewed By :John Carlone 03/17/2022  
Supervised By :Semsettin Yesilyurt 03/21/2022

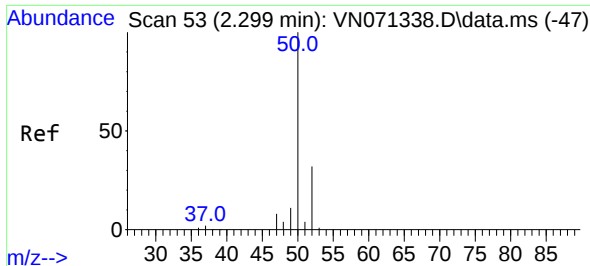


#2  
Dichlorodifluoromethane  
Concen: 20.073 ug/l  
RT: 2.069 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27



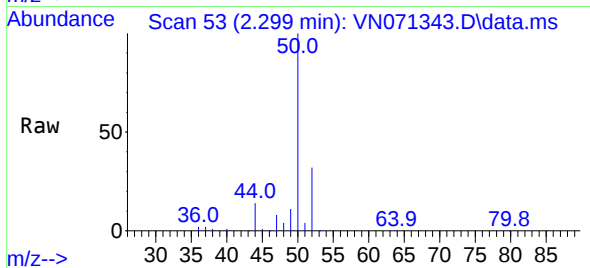
Tgt Ion: 85 Resp: 153639  
Ion Ratio Lower Upper  
85 100  
87 32.1 16.6 49.7





#3  
Chloromethane  
Concen: 19.606 ug/l  
RT: 2.299 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27

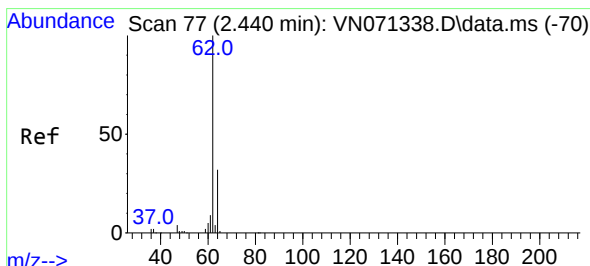
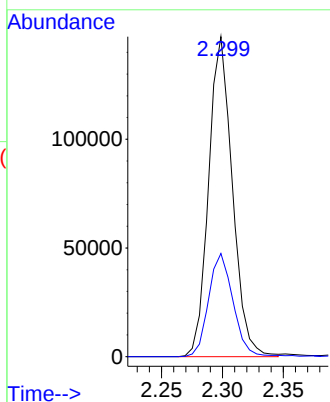
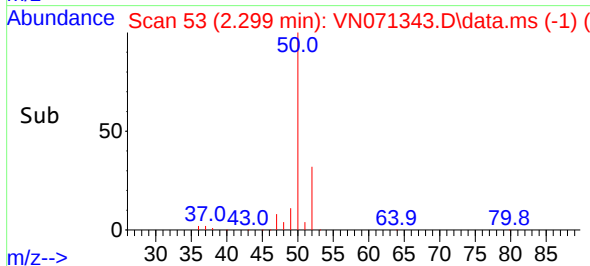
Instrument :  
MSVOA\_N  
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ICVVN031722



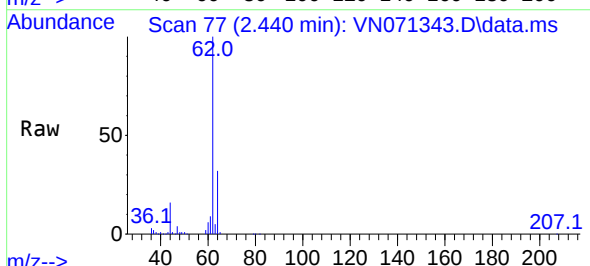
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Ion Ratio Lower Upper  
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52 32.2 27.8 41.6

Manual Integrations  
APPROVED

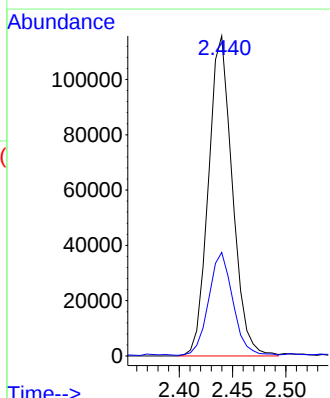
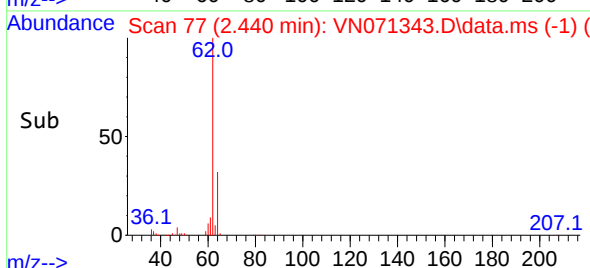
Reviewed By :John Carlone 03/17/2022  
Supervised By :Semsettin Yesilyurt 03/21/2022

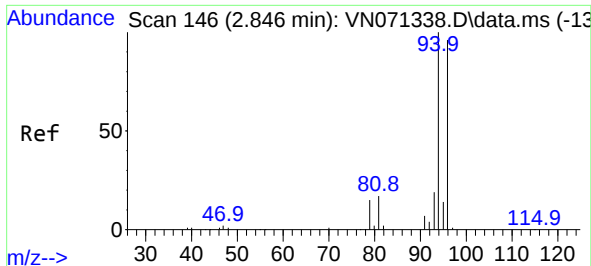


#4  
Vinyl Chloride  
Concen: 19.320 ug/l  
RT: 2.440 min Scan# 77  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27



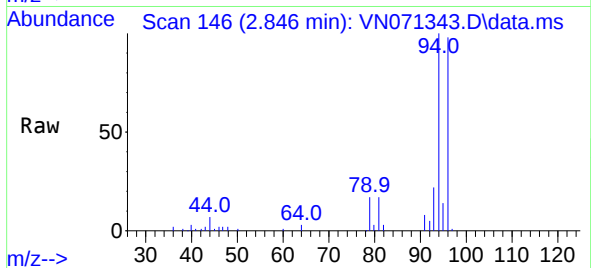
Tgt Ion: 62 Resp: 181173  
Ion Ratio Lower Upper  
62 100  
64 32.1 25.1 37.7





#5  
Bromomethane  
Concen: 22.971 ug/l  
RT: 2.846 min Scan# 146  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27

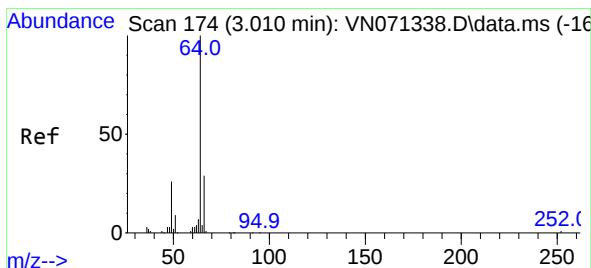
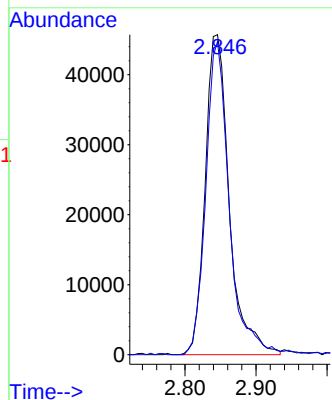
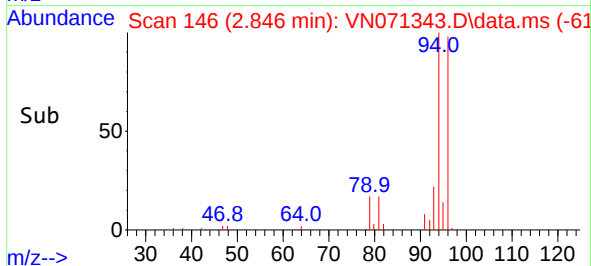
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN031722



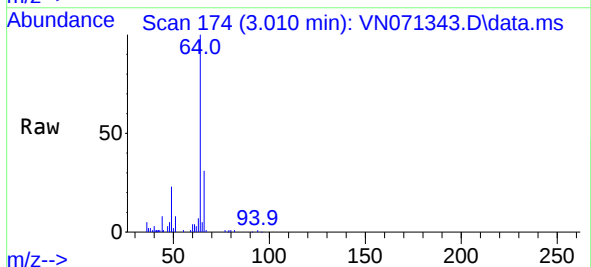
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Ion Ratio Lower Upper  
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Manual Integrations  
APPROVED

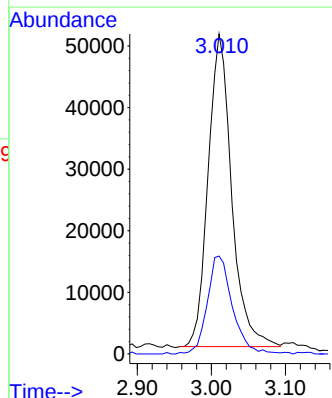
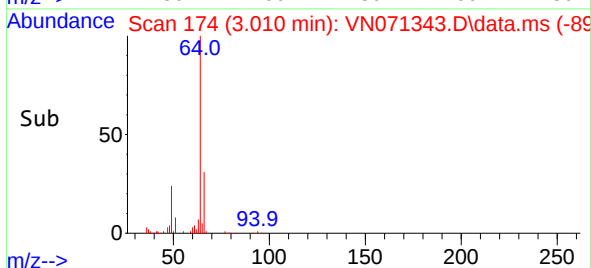
Reviewed By :John Carlone 03/17/2022  
Supervised By :Semsettin Yesilyurt 03/21/2022



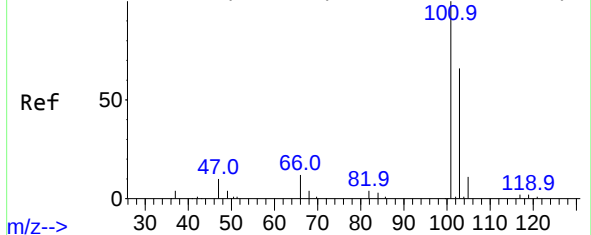
#6  
Chloroethane  
Concen: 19.626 ug/l  
RT: 3.010 min Scan# 174  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27



Tgt Ion: 64 Resp: 112001  
Ion Ratio Lower Upper  
64 100  
66 30.9 24.6 36.8



Abundance Scan 235 (3.369 min): VN071338.D\data.ms (-22



#7

Trichlorofluoromethane

Concen: 19.721 ug/l

RT: 3.369 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN071343.D

Acq: 17 Mar 2022 02:27

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN031722

Tgt Ion:101 Resp: 233224

Ion Ratio Lower Upper

101 100

103 64.4 50.1 75.1

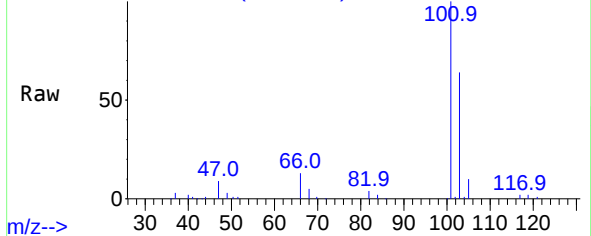
Manual Integrations

APPROVED

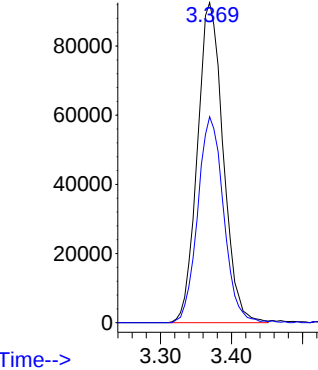
Reviewed By :John Carlone 03/17/2022

Supervised By :Semsettin Yesilyurt 03/21/2022

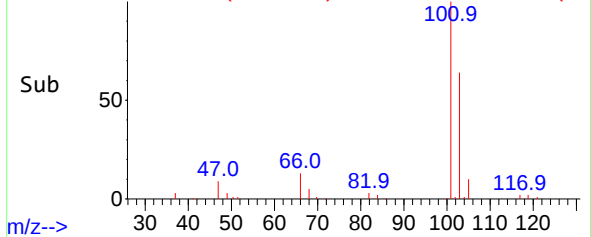
Abundance Scan 235 (3.369 min): VN071343.D\data.ms



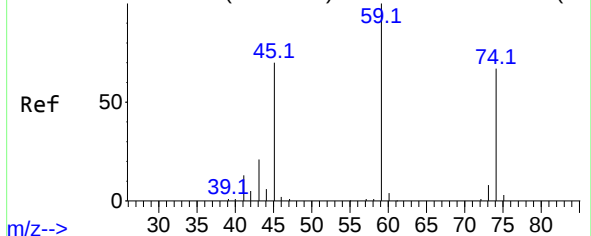
Abundance



Abundance Scan 235 (3.369 min): VN071343.D\data.ms (-15



Abundance Scan 313 (3.828 min): VN071338.D\data.ms (-30



#8

Diethyl Ether

Concen: 19.307 ug/l

RT: 3.822 min Scan# 312

Delta R.T. -0.006 min

Lab File: VN071343.D

Acq: 17 Mar 2022 02:27

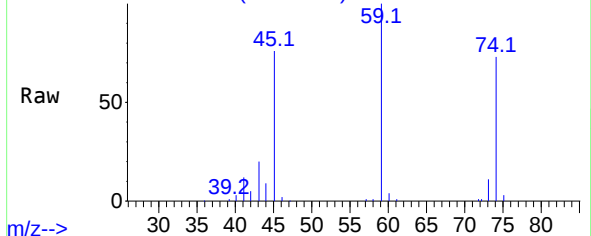
Tgt Ion: 74 Resp: 99174

Ion Ratio Lower Upper

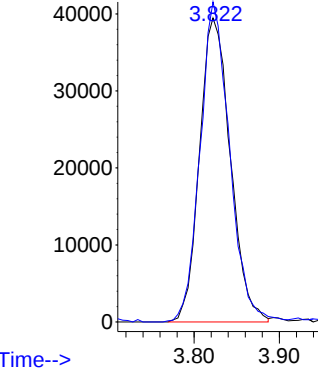
74 100

45 101.1 17.6 158.8

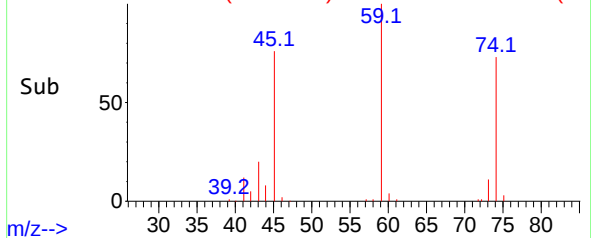
Abundance Scan 312 (3.822 min): VN071343.D\data.ms

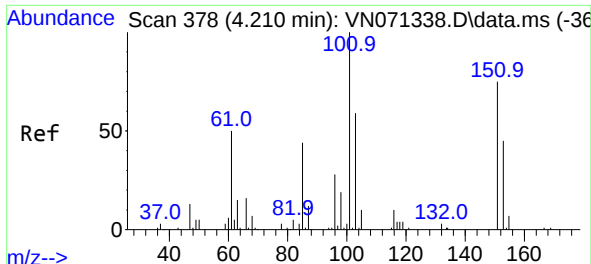


Abundance



Abundance Scan 312 (3.822 min): VN071343.D\data.ms (-27





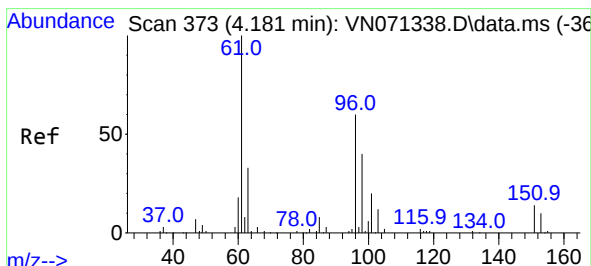
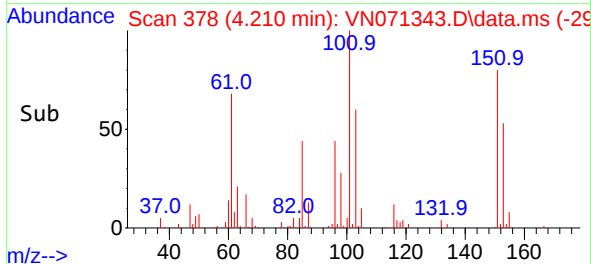
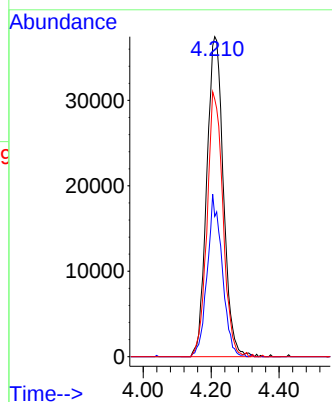
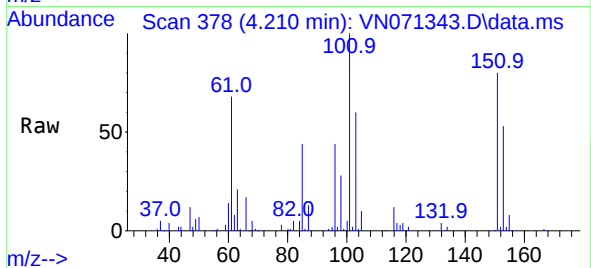
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.145 ug/l m  
RT: 4.210 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27

Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN031722

Tgt Ion:101 Resp: 12732  
Ion Ratio Lower Upper  
101 100  
85 0.1 0.0 94.0  
151 0.2 0.0 74.6

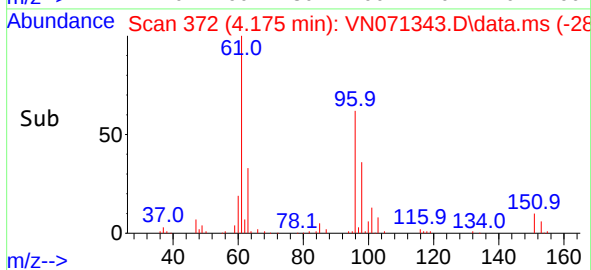
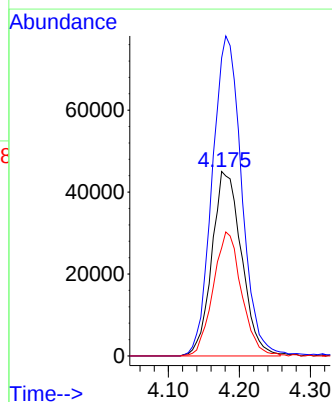
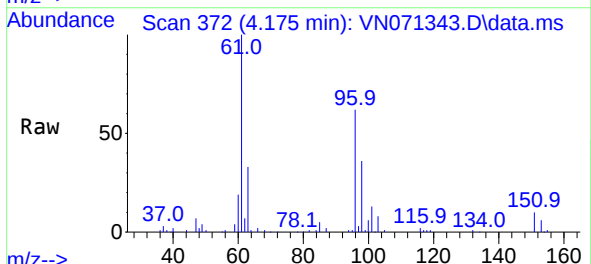
Manual Integrations  
APPROVED

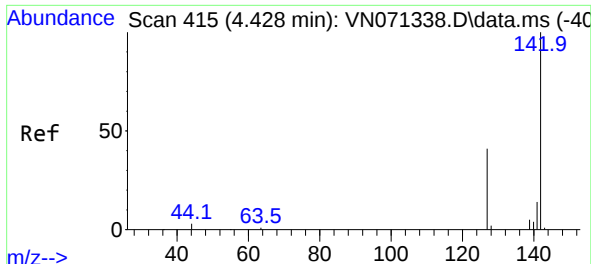
Reviewed By :John Carlone 03/17/2022  
Supervised By :Semsettin Yesilyurt 03/21/2022



#10  
1,1-Dichloroethene  
Concen: 19.260 ug/l  
RT: 4.175 min Scan# 372  
Delta R.T. -0.006 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27

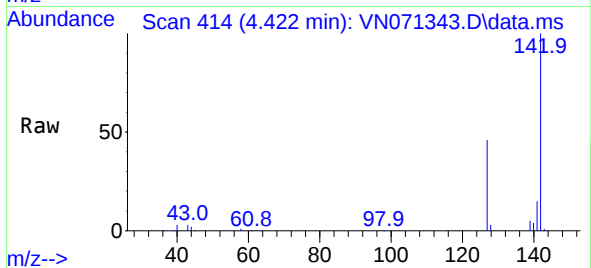
Tgt Ion: 96 Resp: 130347  
Ion Ratio Lower Upper  
96 100  
61 161.5 126.2 189.4  
98 58.6 50.9 76.3





#11  
Methyl Iodide  
Concen: 17.864 ug/l  
RT: 4.422 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27

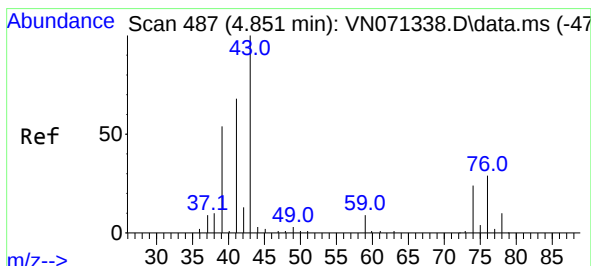
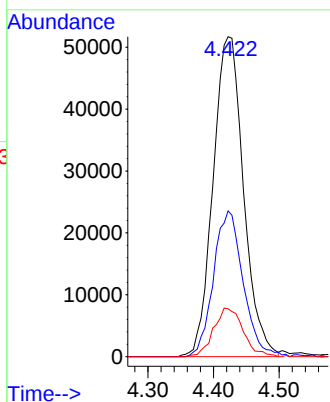
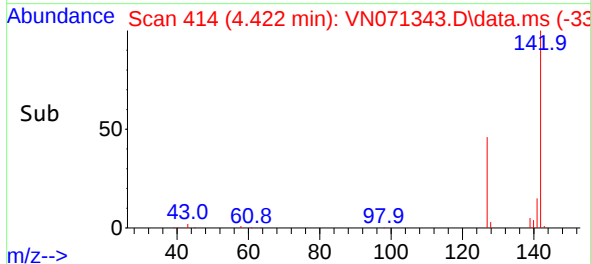
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN031722



Tgt Ion:142 Resp: 166472  
Ion Ratio Lower Upper  
142 100  
127 45.1 24.0 72.0  
141 15.0 8.4 25.2

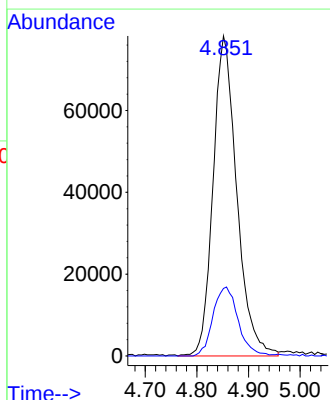
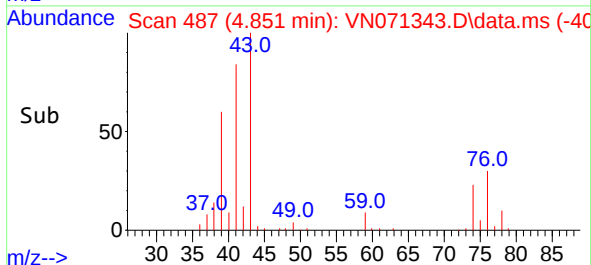
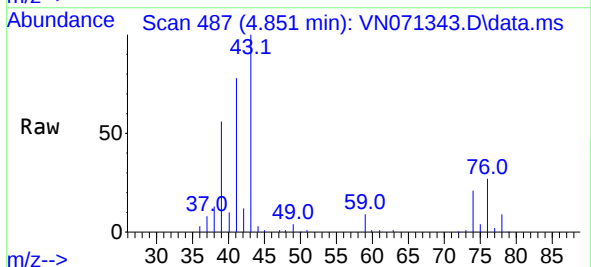
Manual Integrations  
APPROVED

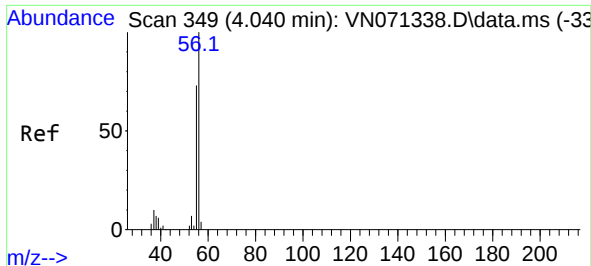
Reviewed By :John Carlone 03/17/2022  
Supervised By :Semsettin Yesilyurt 03/21/2022



#12  
Methyl Acetate  
Concen: 19.252 ug/l  
RT: 4.851 min Scan# 487  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27

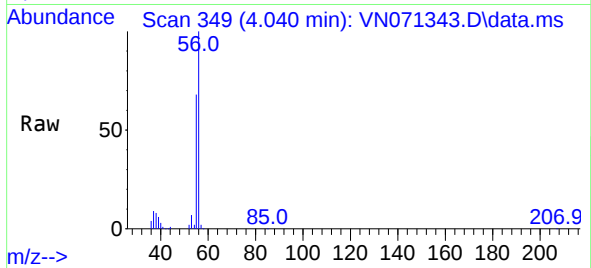
Tgt Ion: 43 Resp: 249353  
Ion Ratio Lower Upper  
43 100  
74 21.0 20.8 31.2





#13  
Acrolein  
Concen: 96.917 ug/l  
RT: 4.040 min Scan# 349  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27

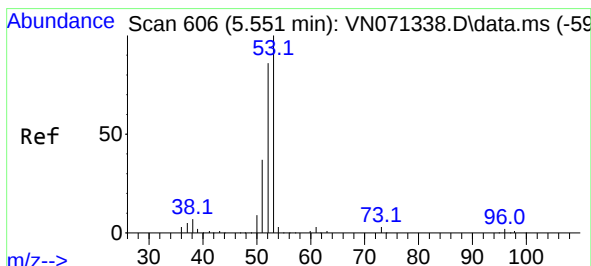
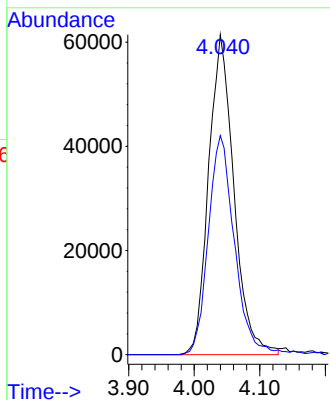
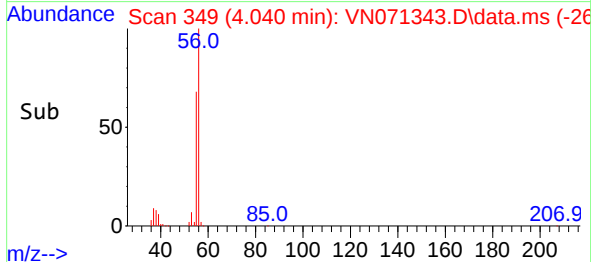
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN031722



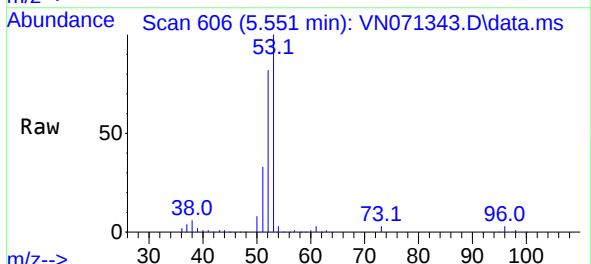
Tgt Ion: 56 Resp: 16458  
Ion Ratio Lower Upper  
56 100  
55 70.2 57.6 86.4

Manual Integrations  
APPROVED

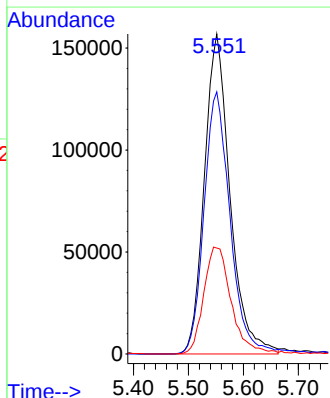
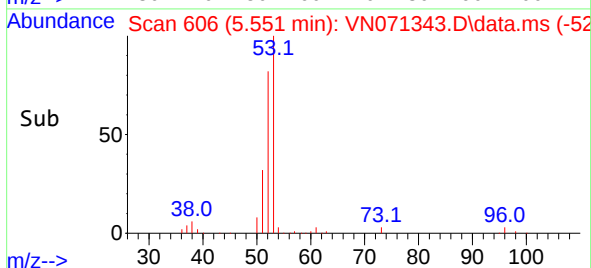
Reviewed By :John Carlone 03/17/2022  
Supervised By :Semsettin Yesilyurt 03/21/2022

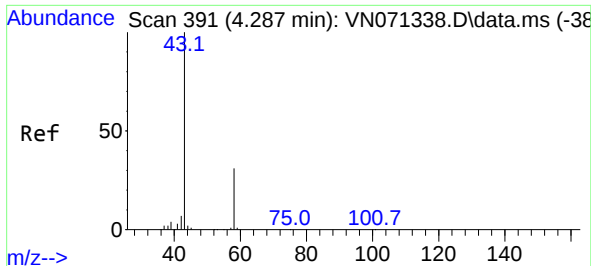


#14  
Acrylonitrile  
Concen: 94.396 ug/l  
RT: 5.551 min Scan# 606  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27



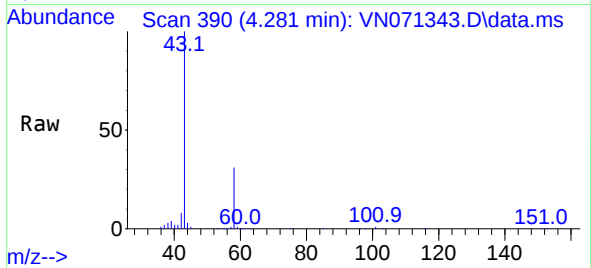
Tgt Ion: 53 Resp: 509715  
Ion Ratio Lower Upper  
53 100  
52 82.7 41.8 125.4  
51 35.4 19.0 57.0





#15  
Acetone  
Concen: 96.085 ug/l  
RT: 4.281 min Scan# 391  
Delta R.T. -0.006 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27

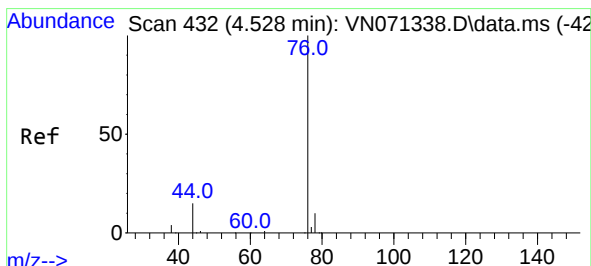
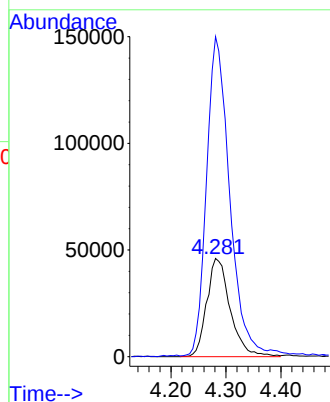
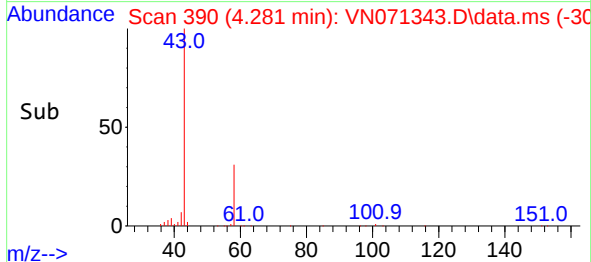
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN031722



Tgt Ion: 58 Resp: 13638  
Ion Ratio Lower Upper  
58 100  
43 324.9 256.6 384.8

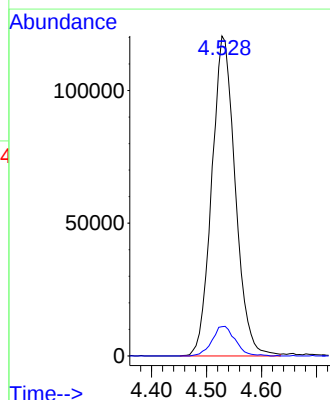
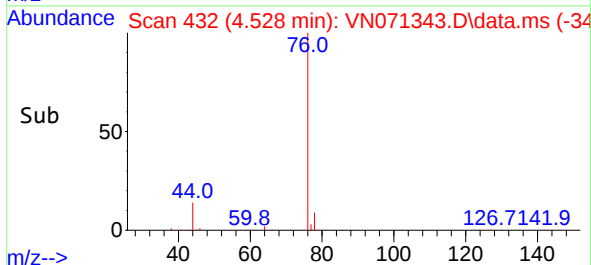
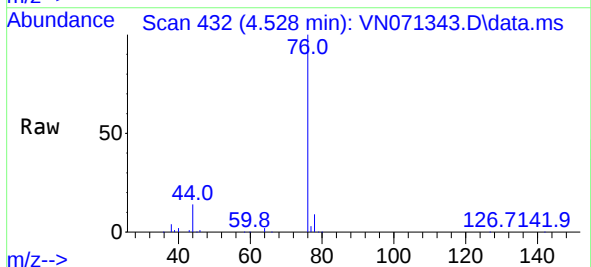
Manual Integrations  
APPROVED

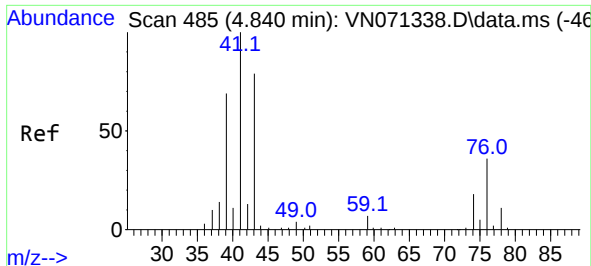
Reviewed By :John Carlone 03/17/2022  
Supervised By :Semsettin Yesilyurt 03/21/2022



#16  
Carbon Disulfide  
Concen: 19.530 ug/l  
RT: 4.528 min Scan# 432  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27

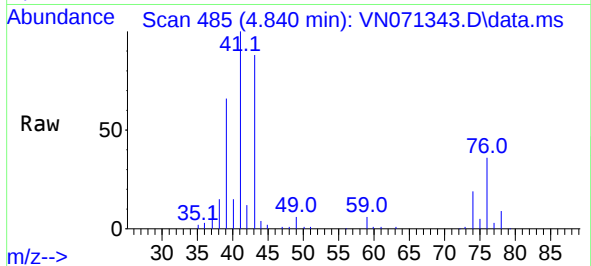
Tgt Ion: 76 Resp: 357421  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.8 11.8





#17  
 Allyl chloride  
 Concen: 18.806 ug/l  
 RT: 4.840 min Scan# 41  
 Delta R.T. 0.000 min  
 Lab File: VN071343.D  
 Acq: 17 Mar 2022 02:27

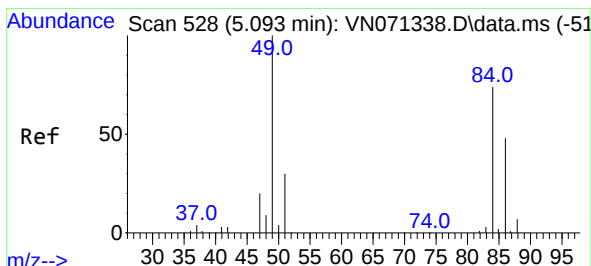
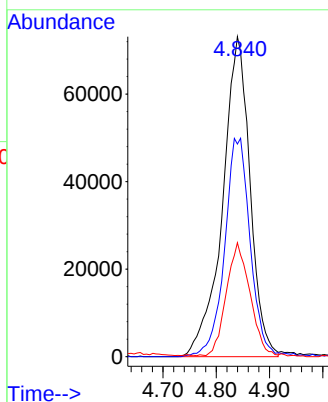
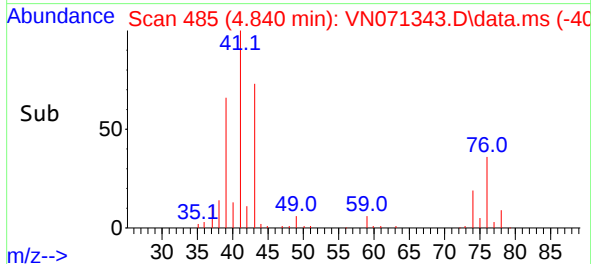
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 ICVVN031722



Tgt Ion: 41 Resp: 26228  
 Ion Ratio Lower Upper  
 41 100  
 39 66.4 44.6 134.0  
 76 35.2 19.6 58.7

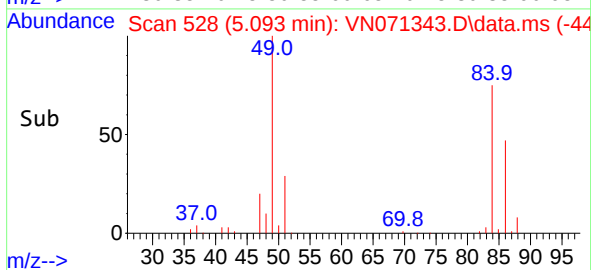
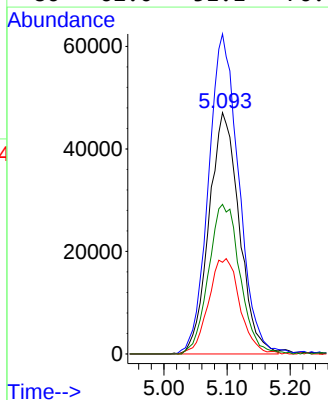
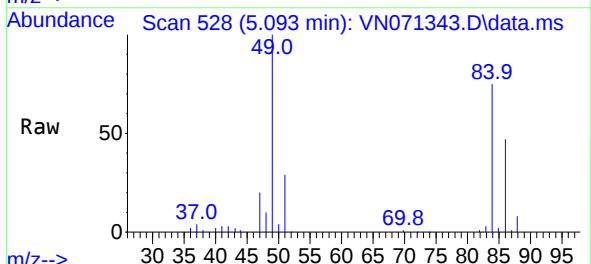
Manual Integrations  
 APPROVED

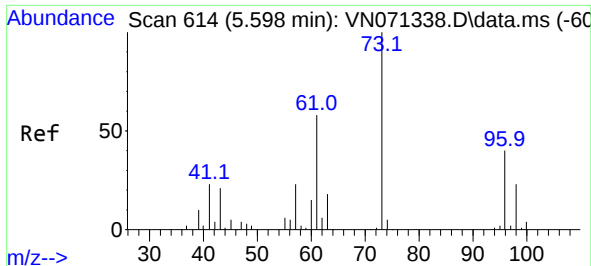
Reviewed By :John Carlone 03/17/2022  
 Supervised By :Semsettin Yesilyurt 03/21/2022



#18  
 Methylene Chloride  
 Concen: 18.971 ug/l  
 RT: 5.093 min Scan# 528  
 Delta R.T. 0.000 min  
 Lab File: VN071343.D  
 Acq: 17 Mar 2022 02:27

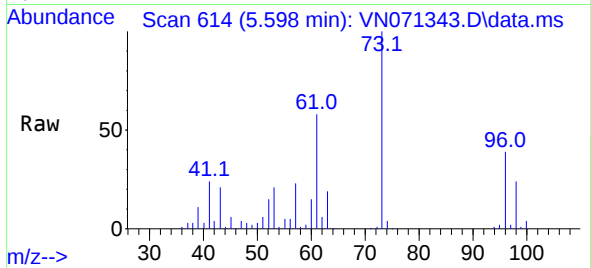
Tgt Ion: 84 Resp: 156542  
 Ion Ratio Lower Upper  
 84 100  
 49 132.2 91.4 137.0  
 51 38.0 29.4 44.0  
 86 62.0 51.1 76.7





#19  
trans-1,2-Dichloroethene  
Concen: 19.781 ug/l  
RT: 5.598 min Scan# 614  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27

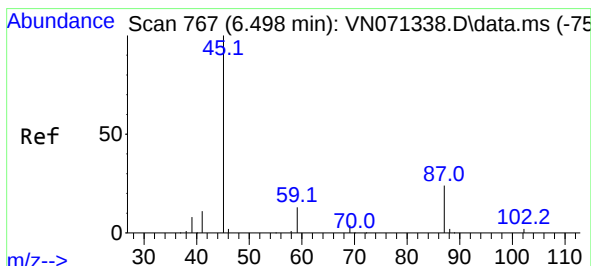
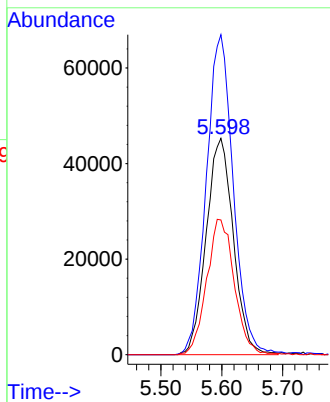
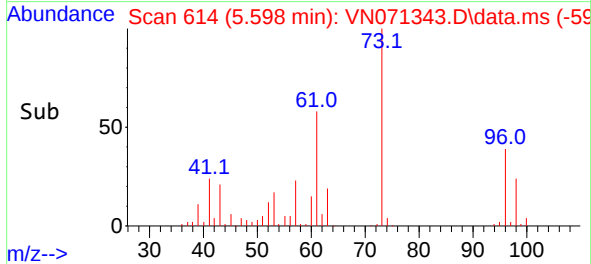
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN031722



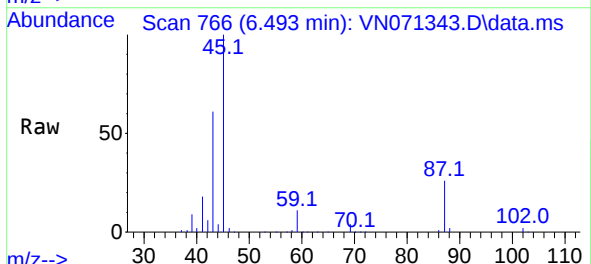
Tgt Ion: 96 Resp: 140695  
Ion Ratio Lower Upper  
96 100  
61 147.6 102.8 154.2  
98 62.3 49.3 73.9

Manual Integrations  
APPROVED

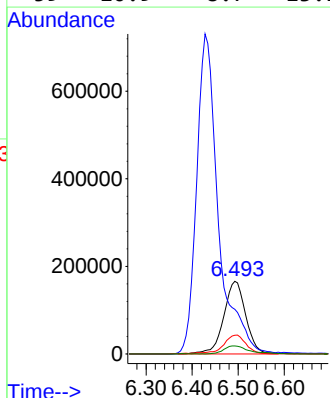
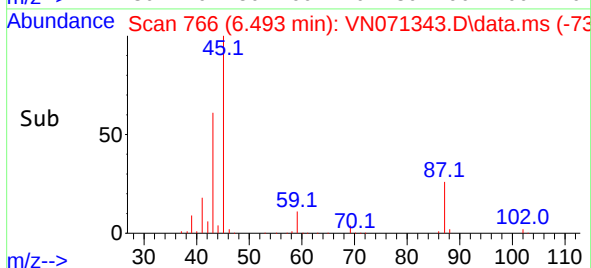
Reviewed By :John Carlone 03/17/2022  
Supervised By :Semsettin Yesilyurt 03/21/2022

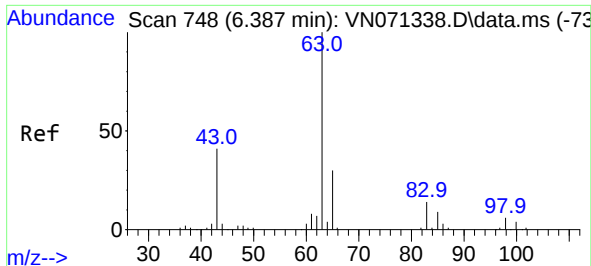


#20  
Diisopropyl ether  
Concen: 19.533 ug/l  
RT: 6.493 min Scan# 766  
Delta R.T. -0.006 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27



Tgt Ion: 45 Resp: 548270  
Ion Ratio Lower Upper  
45 100  
43 60.0 51.0 76.4  
87 25.4 25.0 37.4  
59 10.9 8.7 13.1





#21

1,1-Dichloroethane

Concen: 19.131 ug/l

RT: 6.381 min Scan# 74

Delta R.T. -0.006 min

Lab File: VN071343.D

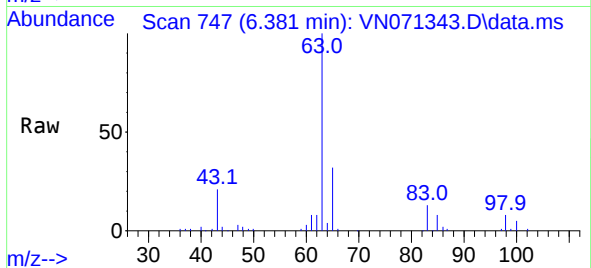
Acq: 17 Mar 2022 02:27

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN031722



Tgt Ion: 63 Resp: 28575

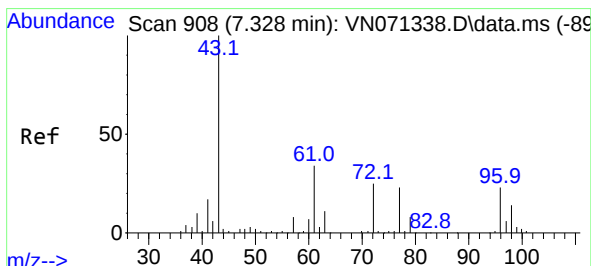
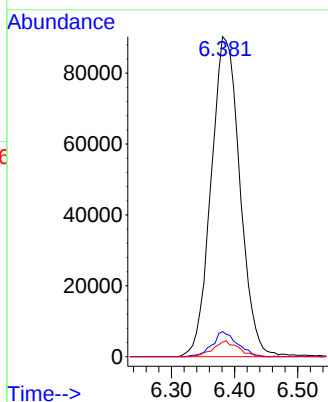
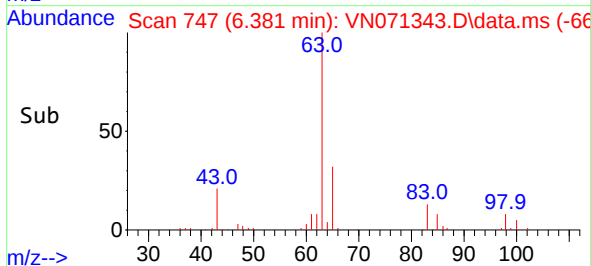
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 98  | 7.8   | 3.2   | 9.6   |
| 100 | 4.5   | 2.1   | 6.2   |

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2022

Supervised By :Semsettin Yesilyurt 03/21/2022



#22

cis-1,2-Dichloroethene

Concen: 19.328 ug/l

RT: 7.322 min Scan# 907

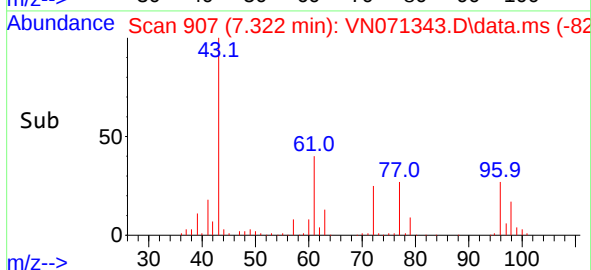
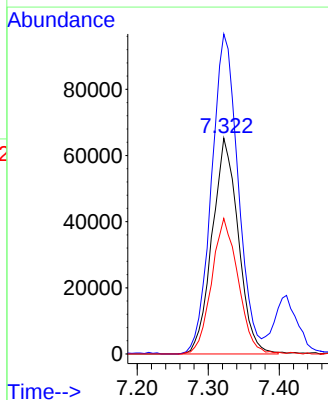
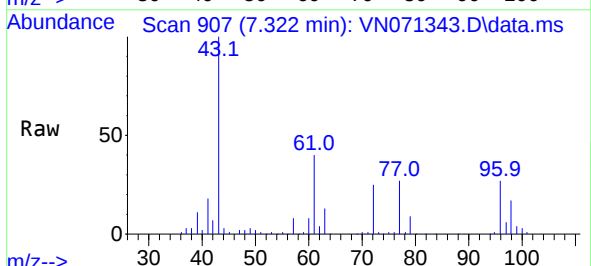
Delta R.T. -0.006 min

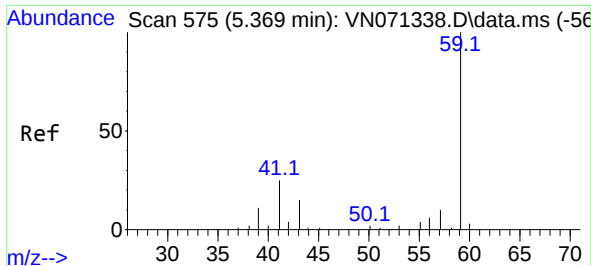
Lab File: VN071343.D

Acq: 17 Mar 2022 02:27

Tgt Ion: 96 Resp: 166634

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 150.9 | 115.7 | 173.5 |
| 98  | 63.7  | 51.6  | 77.4  |





#23

tert-Butyl Alcohol

Concen: 92.379 ug/l

RT: 5.363 min Scan# 574

Delta R.T. -0.006 min

Lab File: VN071343.D

Acq: 17 Mar 2022 02:27

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN031722

Tgt Ion: 59 Resp: 184510

Ion Ratio Lower Upper

59 100

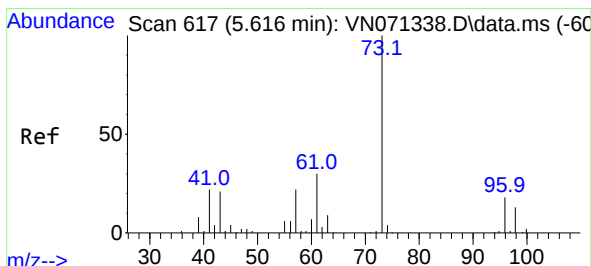
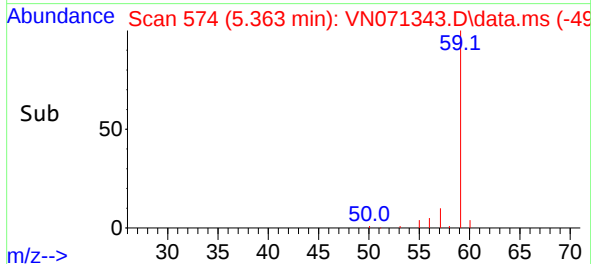
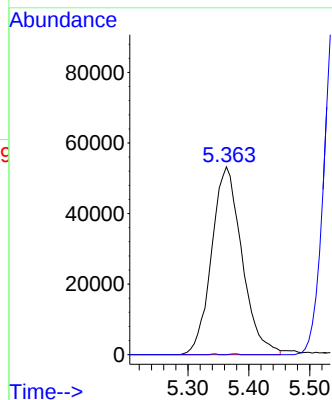
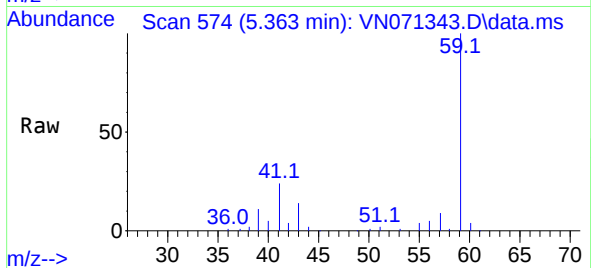
52 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2022

Supervised By :Semsettin Yesilyurt 03/21/2022



#24

Methyl tert-Butyl Ether

Concen: 19.389 ug/l

RT: 5.616 min Scan# 617

Delta R.T. 0.000 min

Lab File: VN071343.D

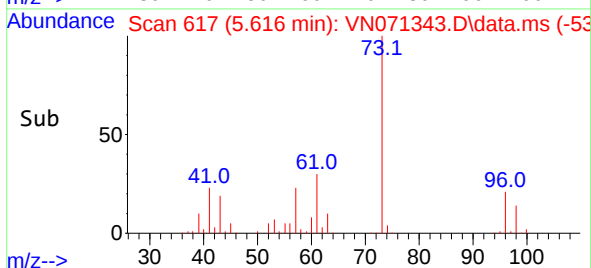
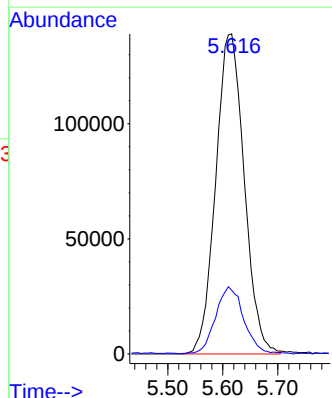
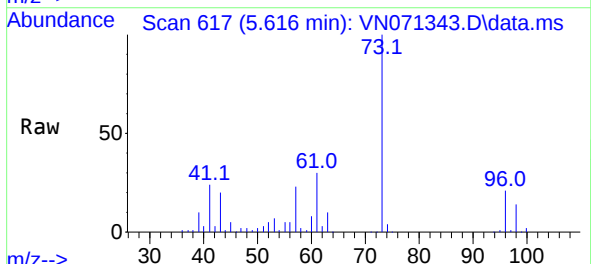
Acq: 17 Mar 2022 02:27

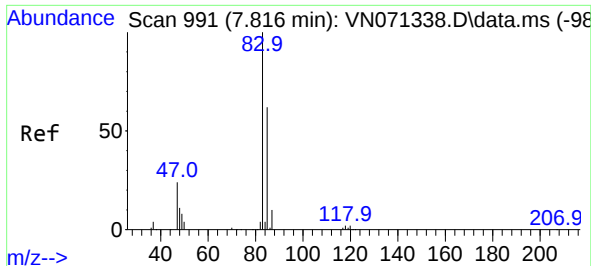
Tgt Ion: 73 Resp: 500797

Ion Ratio Lower Upper

73 100

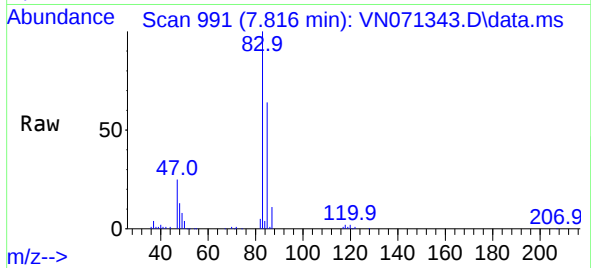
43 20.6 18.1 27.1





#25  
Chloroform  
Concen: 19.361 ug/l  
RT: 7.816 min Scan# 991  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27

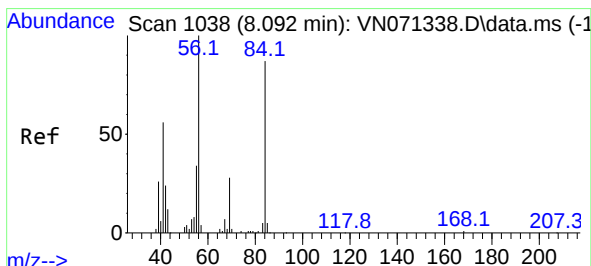
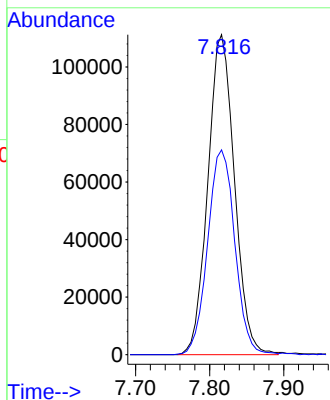
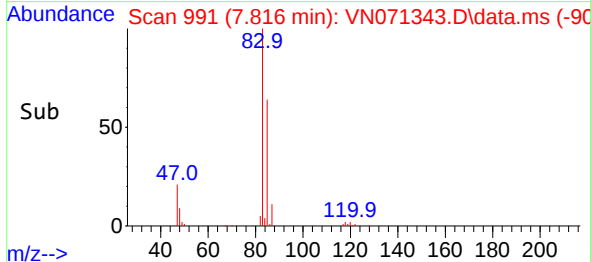
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN031722



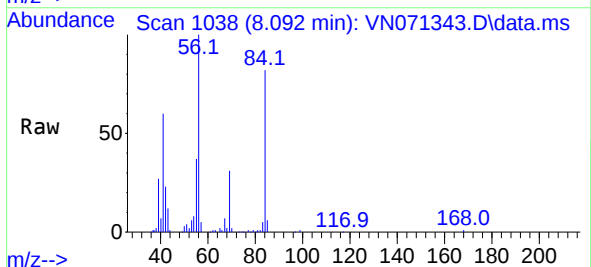
Tgt Ion: 83 Resp: 27773  
Ion Ratio Lower Upper  
83 100  
85 63.8 51.3 76.9

Manual Integrations  
APPROVED

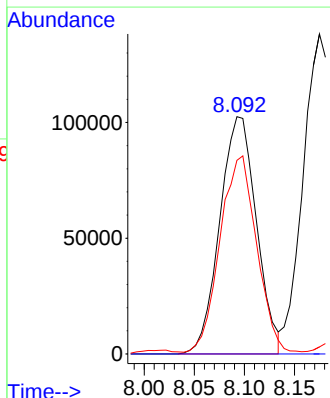
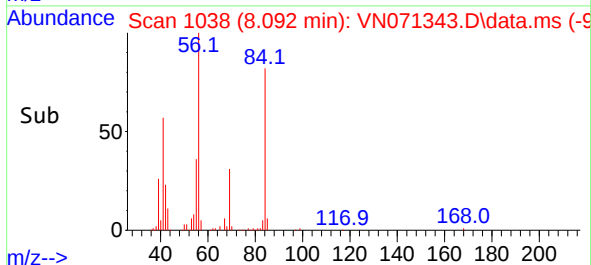
Reviewed By :John Carlone 03/17/2022  
Supervised By :Semsettin Yesilyurt 03/21/2022

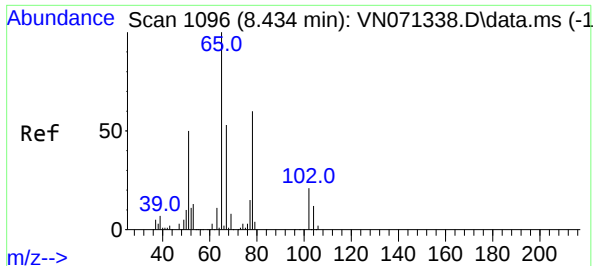


#26  
Cyclohexane  
Concen: 19.286 ug/l  
RT: 8.092 min Scan# 1038  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27



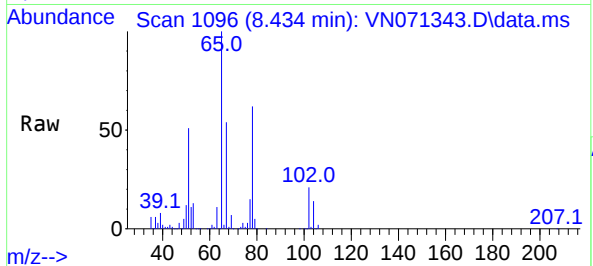
Tgt Ion: 56 Resp: 260764  
Ion Ratio Lower Upper  
56 100  
89 0.0 0.1 0.1#  
84 84.2 74.6 111.8





#27  
1,2-Dichloroethane-d4  
Concen: 29.266 ug/l  
RT: 8.434 min Scan# 1096  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27

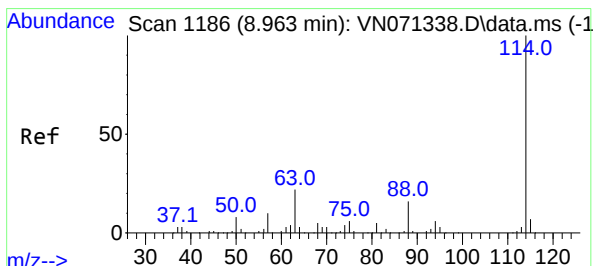
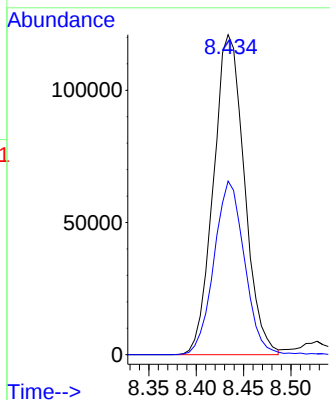
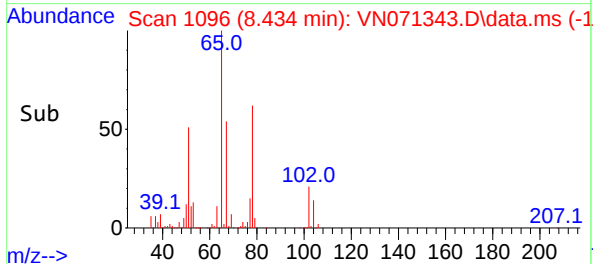
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN031722



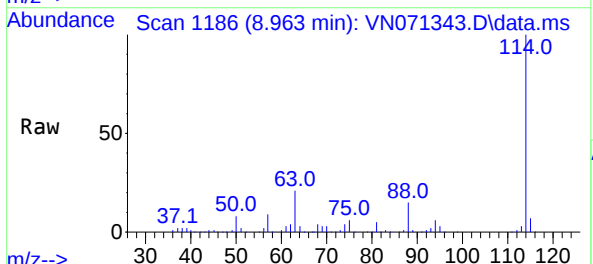
Tgt Ion: 65 Resp: 275039  
Ion Ratio Lower Upper  
65 100  
67 53.3 40.2 60.2

Manual Integrations  
APPROVED

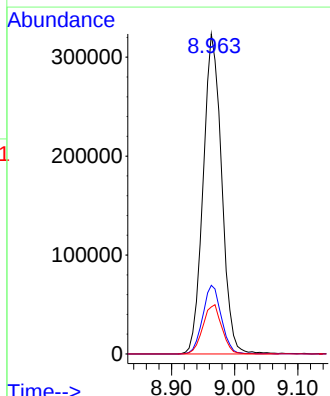
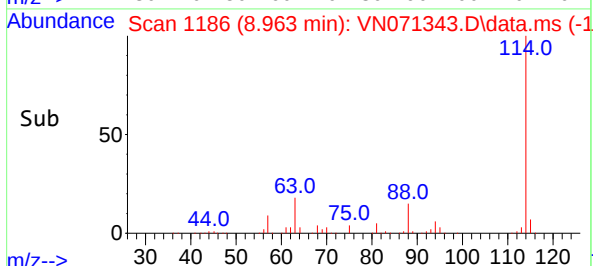
Reviewed By :John Carlone 03/17/2022  
Supervised By :Semsettin Yesilyurt 03/21/2022

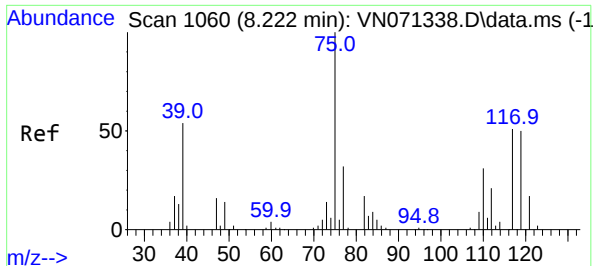


#28  
1,4-Difluorobenzene  
Concen: 30.000 ug/l  
RT: 8.963 min Scan# 1186  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27



Tgt Ion:114 Resp: 658016  
Ion Ratio Lower Upper  
114 100  
63 21.5 15.8 23.6  
88 15.7 11.6 17.4





#29  
1,1-Dichloropropene  
Concen: 19.564 ug/l  
RT: 8.216 min Scan# 1059  
Delta R.T. -0.006 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN031722

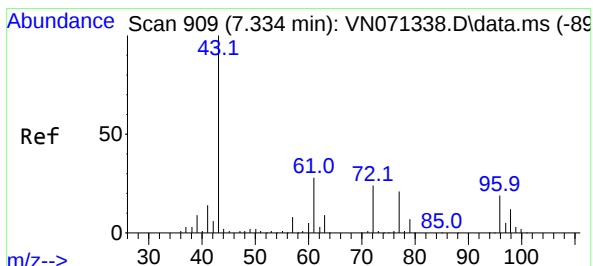
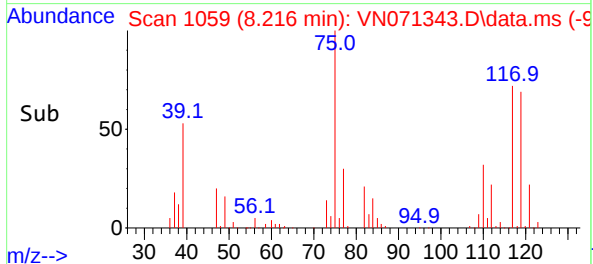
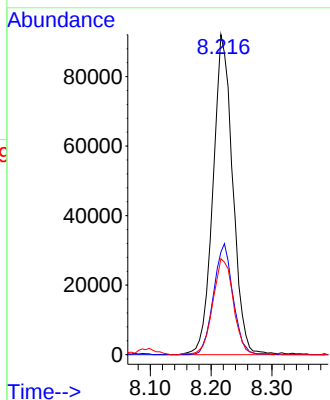
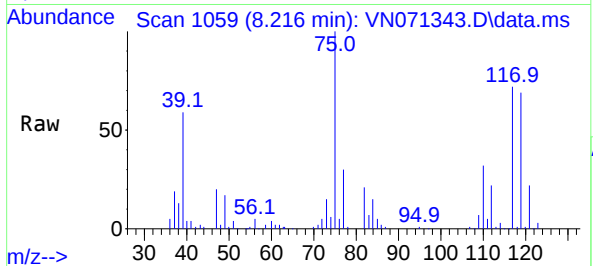
Tgt Ion: 75 Resp: 207179  
Ion Ratio Lower Upper  
75 100  
110 34.0 0.0 74.2  
77 31.2 0.0 63.2

Manual Integrations

APPROVED

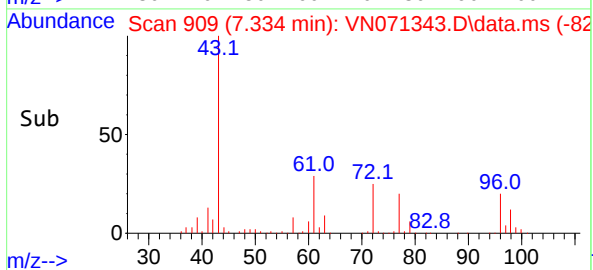
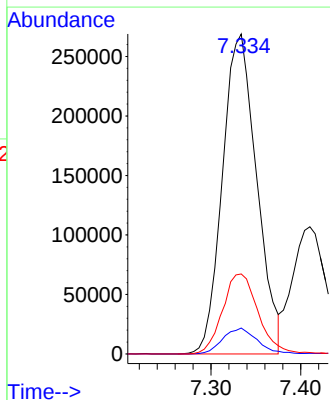
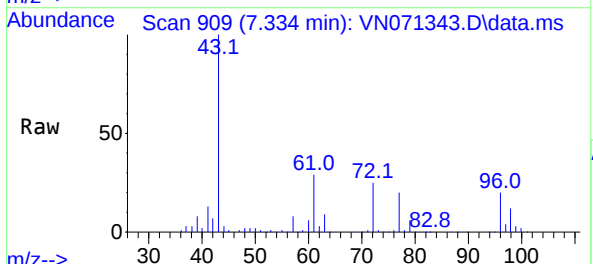
Reviewed By :John Carlone 03/17/2022

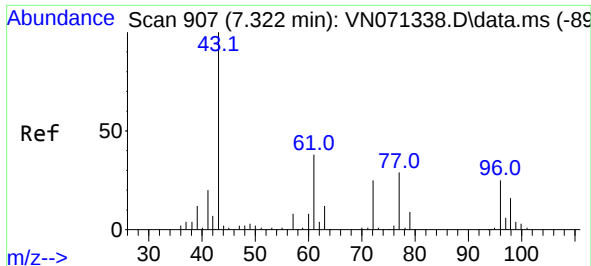
Supervised By :Semsettin Yesilyurt 03/21/2022



#30  
2-Butanone  
Concen: 95.180 ug/l  
RT: 7.334 min Scan# 909  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27

Tgt Ion: 43 Resp: 713692  
Ion Ratio Lower Upper  
43 100  
57 8.1 6.7 10.1  
72 25.8 23.2 34.8





#31

2,2-Dichloropropane

Concen: 18.235 ug/l

RT: 7.322 min Scan# 907

Delta R.T. 0.000 min

Lab File: VN071343.D

Acq: 17 Mar 2022 02:27

Instrument :

MSVOA\_N

ClientSampleId :

ICV031722

Tgt Ion: 77 Resp: 181019

Ion Ratio Lower Upper

77 100

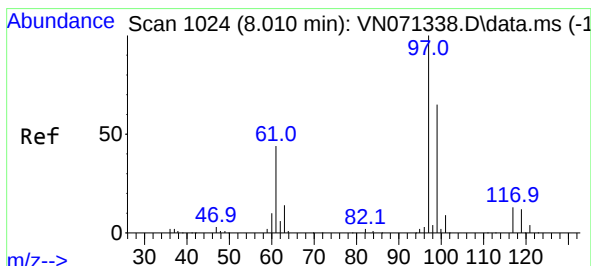
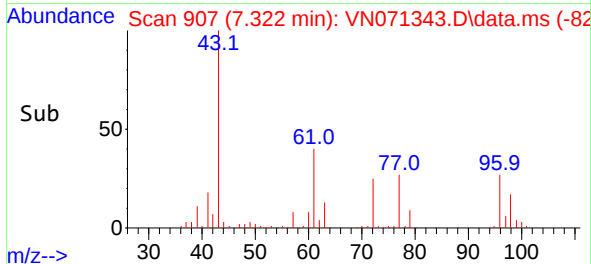
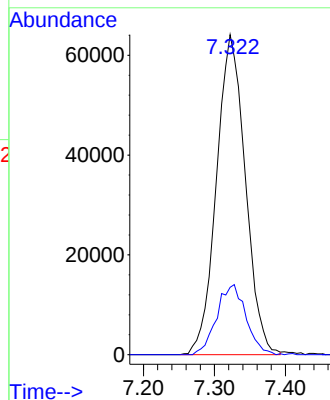
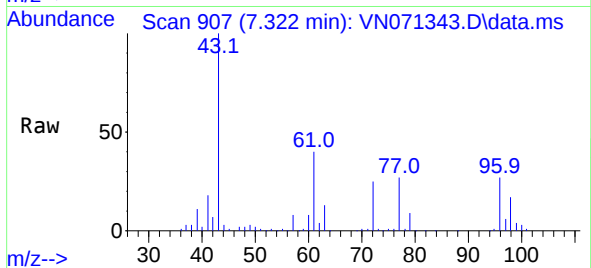
97 22.1 18.3 27.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2022

Supervised By :Semsettin Yesilyurt 03/21/2022



#32

1,1,1-Trichloroethane

Concen: 19.652 ug/l

RT: 8.010 min Scan# 1024

Delta R.T. 0.000 min

Lab File: VN071343.D

Acq: 17 Mar 2022 02:27

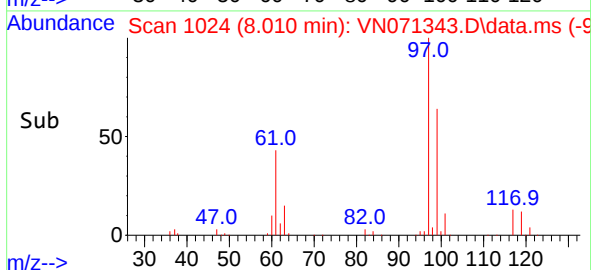
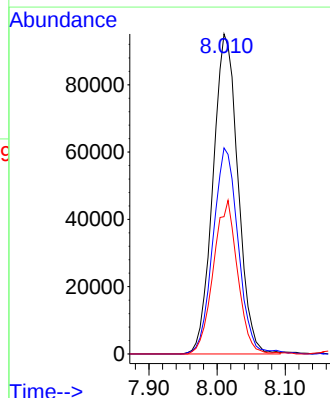
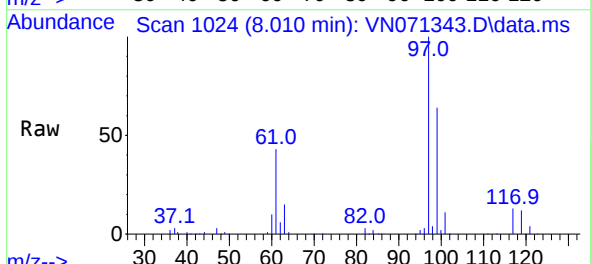
Tgt Ion: 97 Resp: 242678

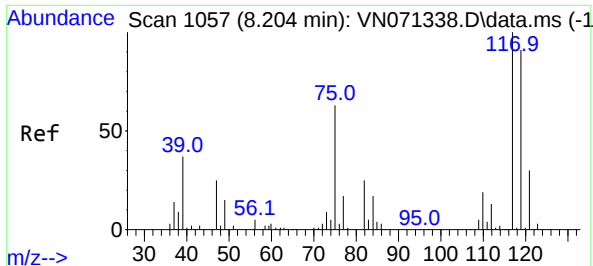
Ion Ratio Lower Upper

97 100

99 64.6 50.4 75.6

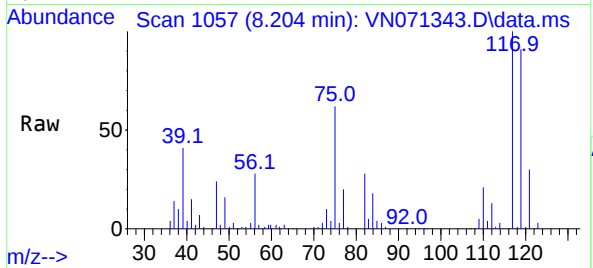
61 46.3 34.6 51.8





#33  
Carbon Tetrachloride  
Concen: 19.717 ug/l  
RT: 8.204 min Scan# 1100  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27

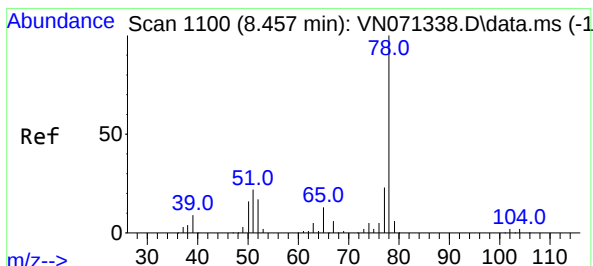
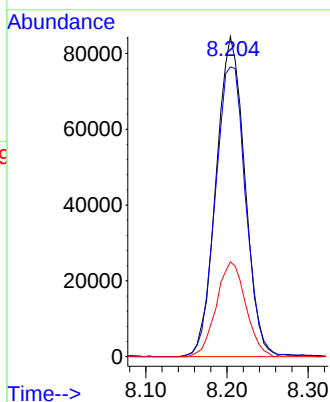
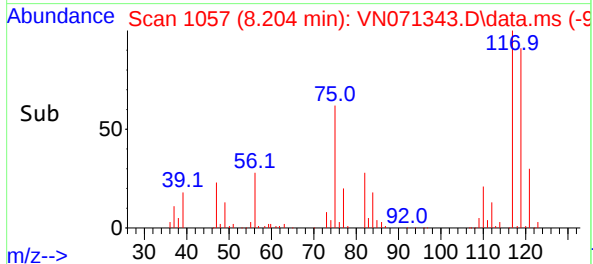
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN031722



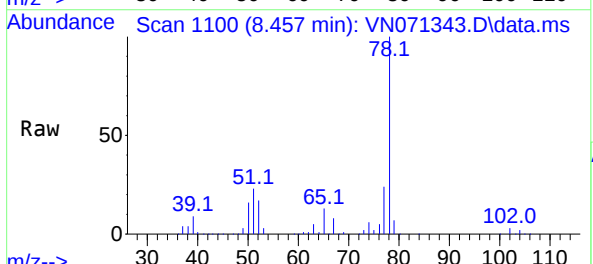
Tgt Ion:117 Resp: 207029  
Ion Ratio Lower Upper  
117 100  
119 90.6 77.5 116.3  
121 29.6 23.5 35.3

Manual Integrations  
APPROVED

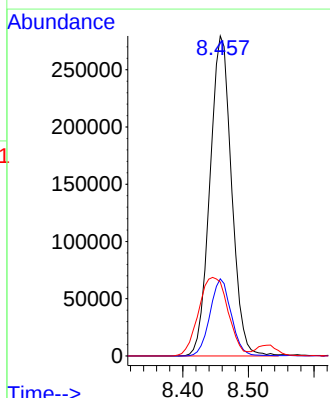
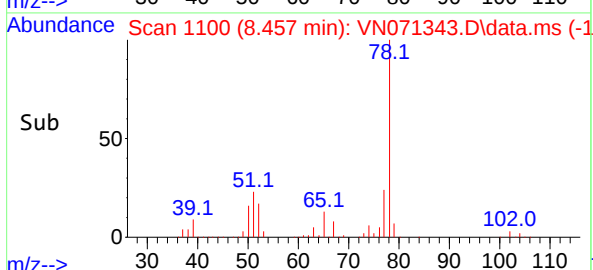
Reviewed By :John Carlone 03/17/2022  
Supervised By :Semsettin Yesilyurt 03/21/2022

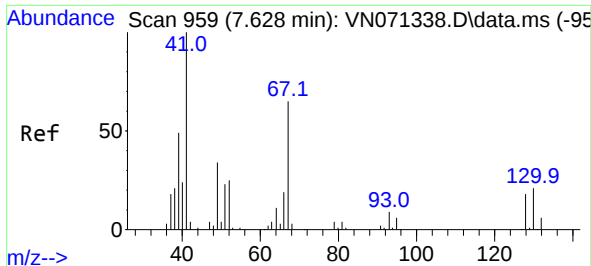


#34  
Benzene  
Concen: 19.537 ug/l  
RT: 8.457 min Scan# 1100  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27



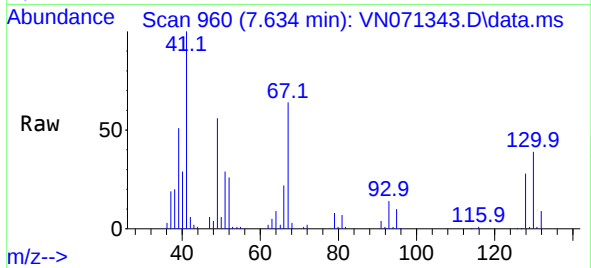
Tgt Ion: 78 Resp: 640383  
Ion Ratio Lower Upper  
78 100  
77 24.1 19.1 28.7  
51 22.8 16.0 24.0





#35  
Methacrylonitrile  
Concen: 20.350 ug/l  
RT: 7.634 min Scan# 959  
Delta R.T. 0.006 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27

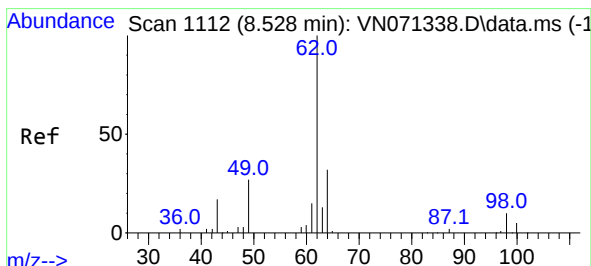
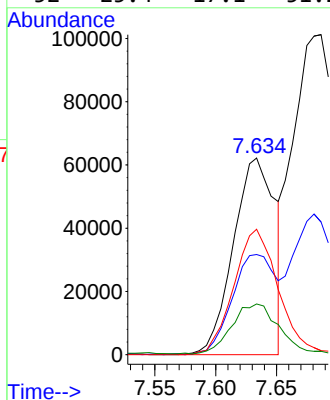
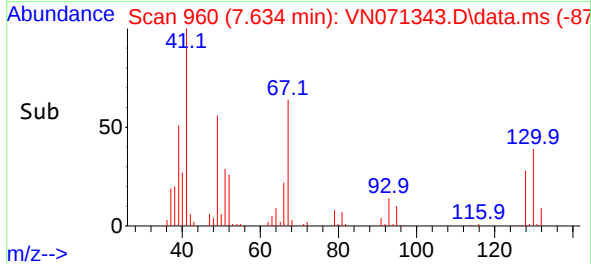
Instrument :  
MSVOA\_N  
Client Sample Id :  
ICVVN031722



Tgt Ion: 41 Resp: 147839  
Ion Ratio Lower Upper  
41 100  
39 50.4 28.0 83.9  
67 63.8 37.7 113.1  
52 25.4 17.1 51.2

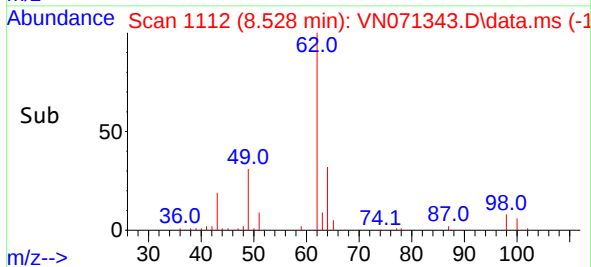
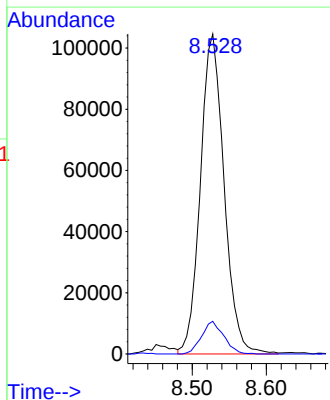
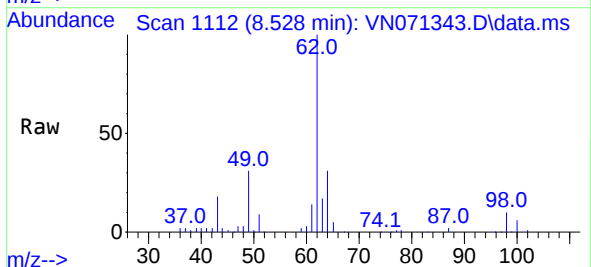
Manual Integrations  
APPROVED

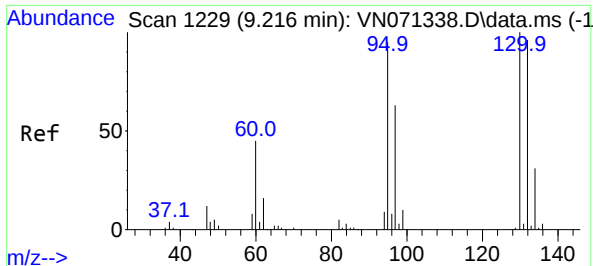
Reviewed By :John Carlone 03/17/2022  
Supervised By :Semsettin Yesilyurt 03/21/2022



#36  
1,2-Dichloroethane  
Concen: 19.832 ug/l  
RT: 8.528 min Scan# 1112  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27

Tgt Ion: 62 Resp: 232149  
Ion Ratio Lower Upper  
62 100  
98 9.5 6.6 10.0





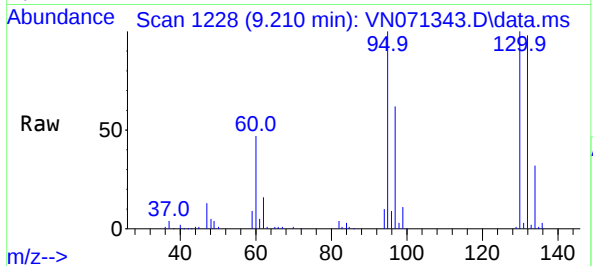
#37  
Trichloroethene  
Concen: 19.420 ug/l  
RT: 9.210 min Scan# 1229  
Delta R.T. -0.006 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN031722

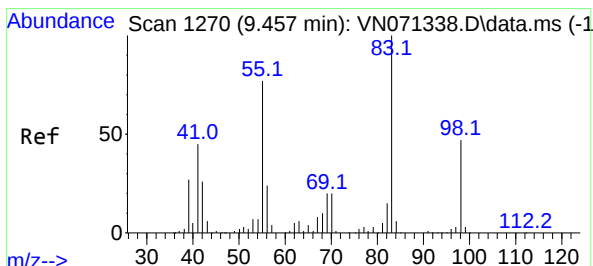
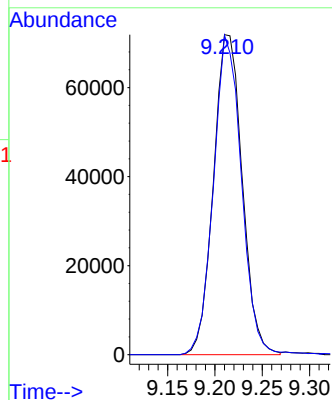


Tgt Ion:130 Resp: 151680  
Ion Ratio Lower Upper  
130 100  
95 99.8 76.6 115.0

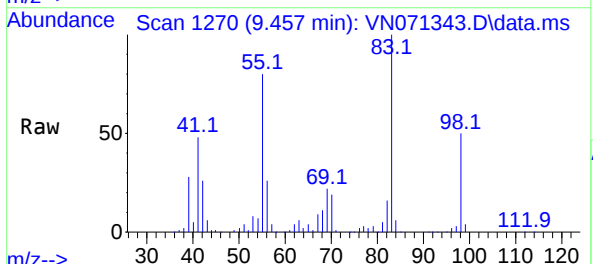
Manual Integrations

APPROVED

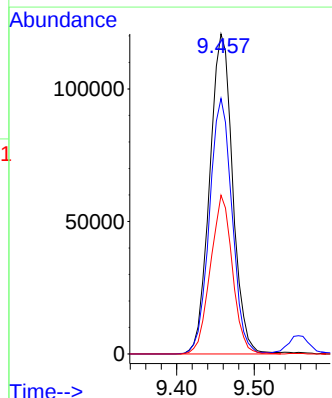
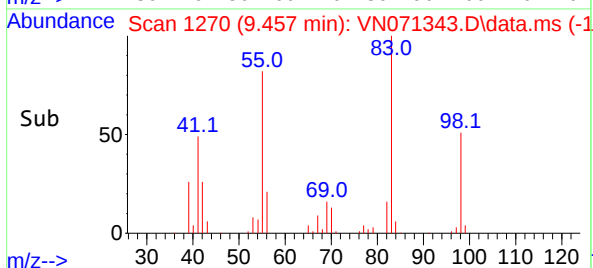
Reviewed By :John Carlone 03/17/2022  
Supervised By :Semsettin Yesilyurt 03/21/2022

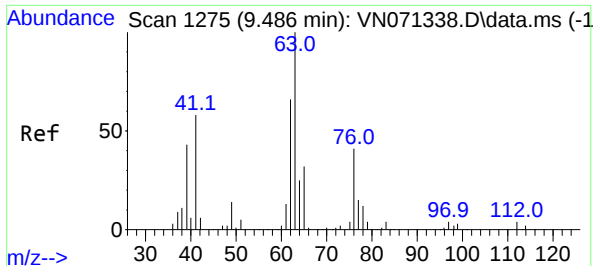


#38  
Methylcyclohexane  
Concen: 19.613 ug/l  
RT: 9.457 min Scan# 1270  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27



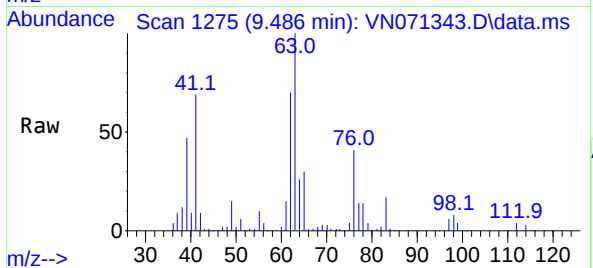
Tgt Ion: 83 Resp: 249255  
Ion Ratio Lower Upper  
83 100  
55 78.3 35.1 105.3  
98 47.4 23.4 70.2





#39  
1,2-Dichloropropane  
Concen: 19.635 ug/l  
RT: 9.486 min Scan# 1275  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27

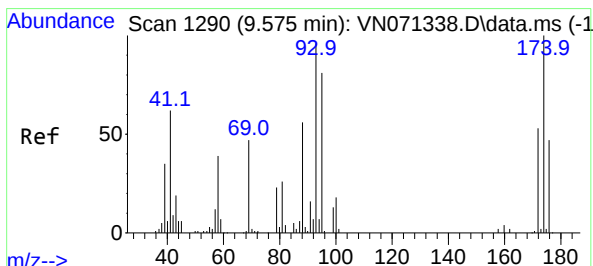
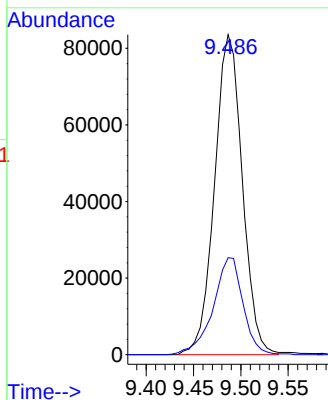
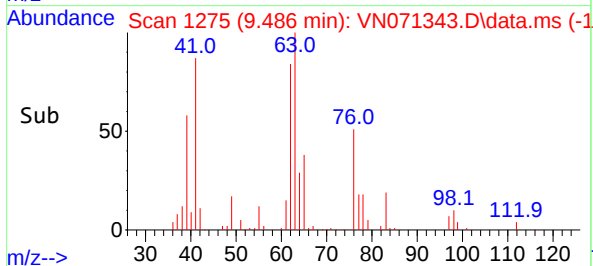
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN031722



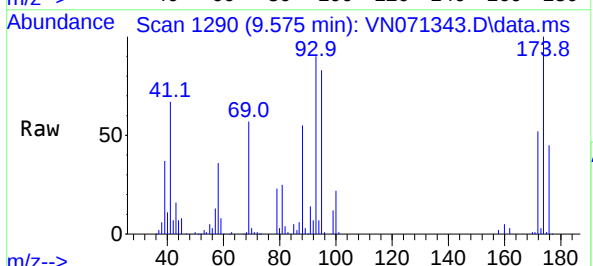
Tgt Ion: 63 Resp: 17060  
Ion Ratio Lower Upper  
63 100  
65 30.0 24.2 36.4

Manual Integrations  
APPROVED

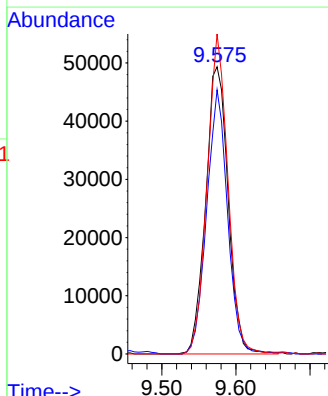
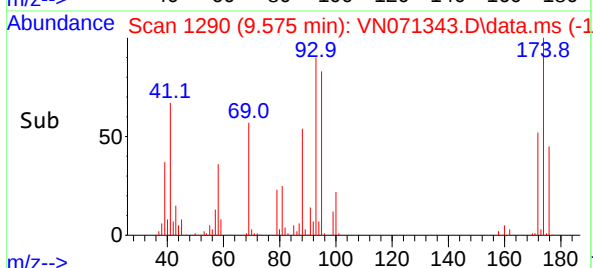
Reviewed By :John Carlone 03/17/2022  
Supervised By :Semsettin Yesilyurt 03/21/2022

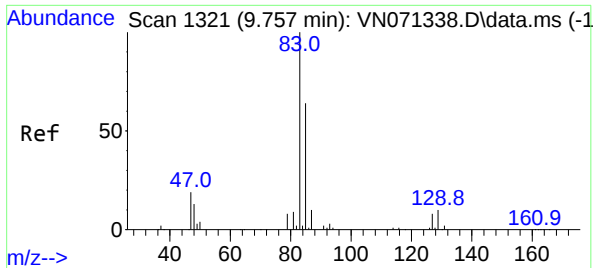


#40  
Dibromomethane  
Concen: 18.950 ug/l  
RT: 9.575 min Scan# 1290  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27



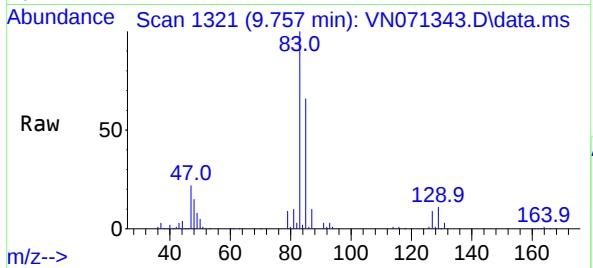
Tgt Ion: 93 Resp: 104161  
Ion Ratio Lower Upper  
93 100  
95 84.9 0.0 168.8  
174 102.4 0.0 173.6





#41  
Bromodichloromethane  
Concen: 19.506 ug/l  
RT: 9.757 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27

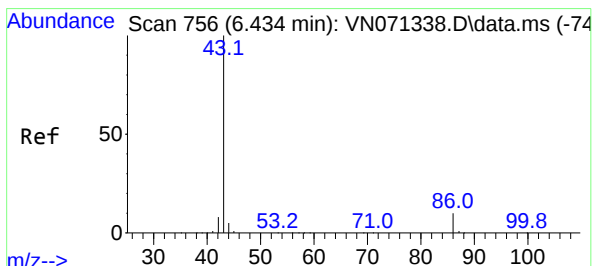
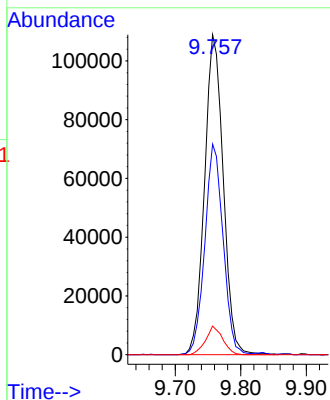
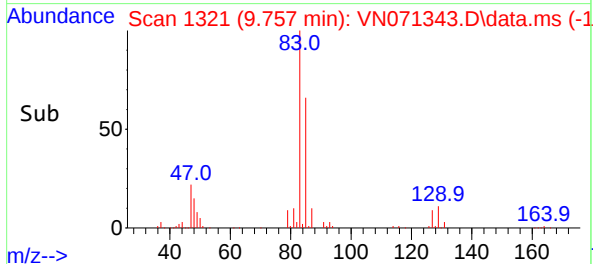
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN031722



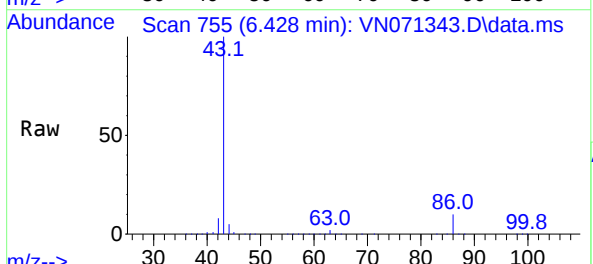
Tgt Ion: 83 Resp: 216180  
Ion Ratio Lower Upper  
83 100  
85 65.8 54.1 81.1  
127 8.9 7.6 11.4

Manual Integrations  
APPROVED

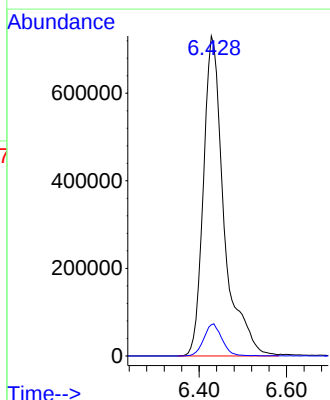
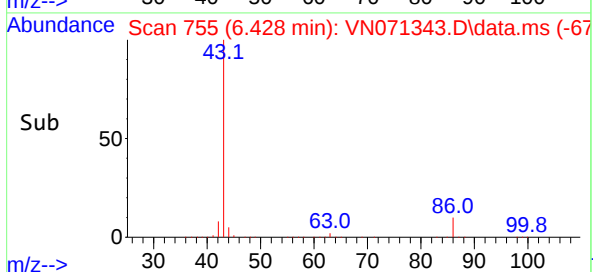
Reviewed By :John Carlone 03/17/2022  
Supervised By :Semsettin Yesilyurt 03/21/2022

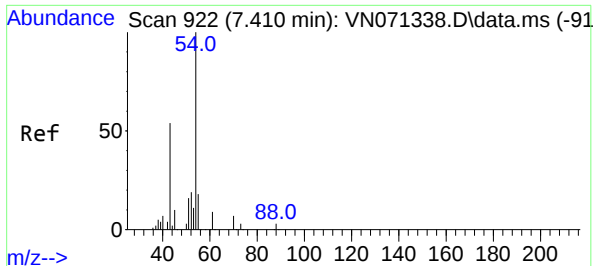


#42  
Vinyl Acetate  
Concen: 97.819 ug/l  
RT: 6.428 min Scan# 755  
Delta R.T. -0.006 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27



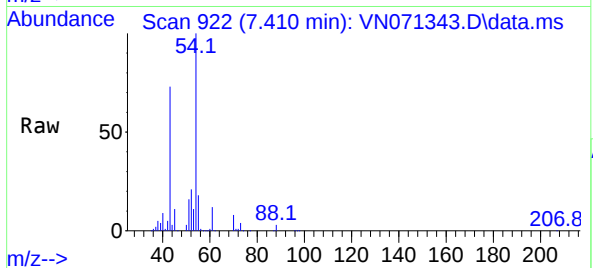
Tgt Ion: 43 Resp: 2396867  
Ion Ratio Lower Upper  
43 100  
86 8.8 7.5 11.3





#43  
Ethyl Acetate  
Concen: 19.201 ug/l  
RT: 7.410 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27

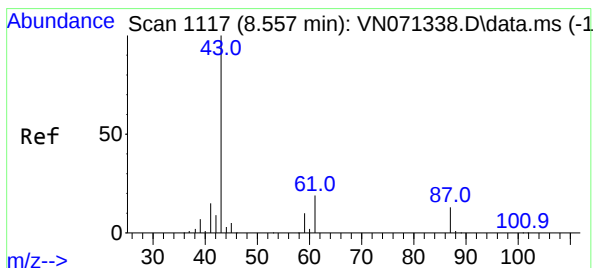
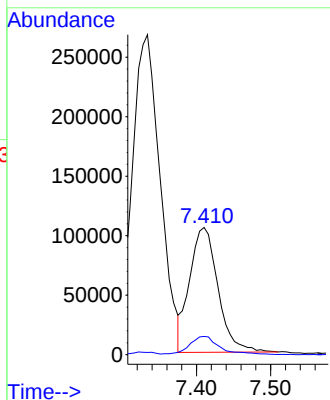
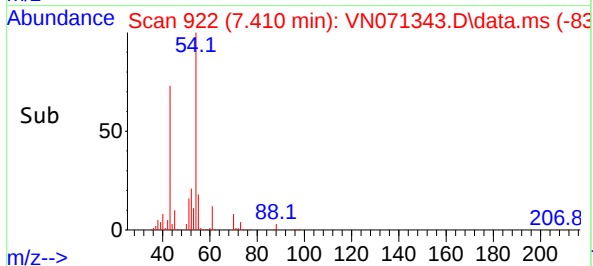
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN031722



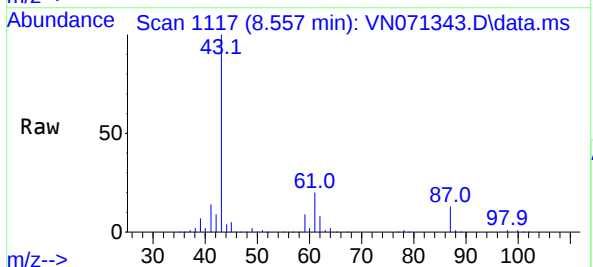
Tgt Ion: 43 Resp: 279988  
Ion Ratio Lower Upper  
43 100  
45 15.6 10.6 16.0

Manual Integrations  
APPROVED

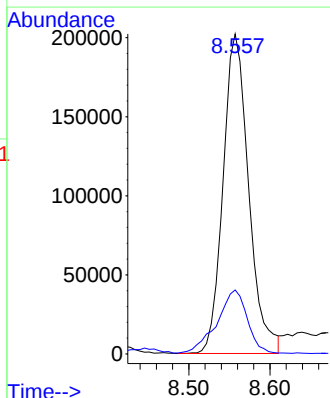
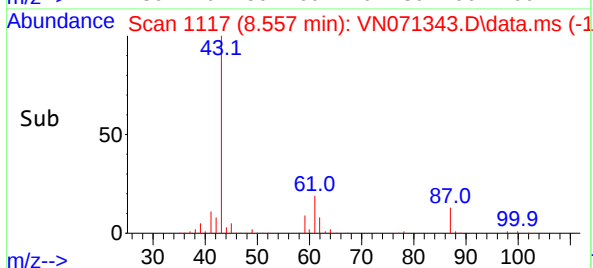
Reviewed By :John Carlone 03/17/2022  
Supervised By :Semsettin Yesilyurt 03/21/2022

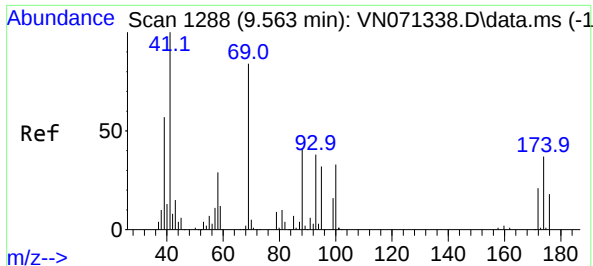


#44  
Isopropyl Acetate  
Concen: 18.917 ug/l  
RT: 8.557 min Scan# 1117  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27



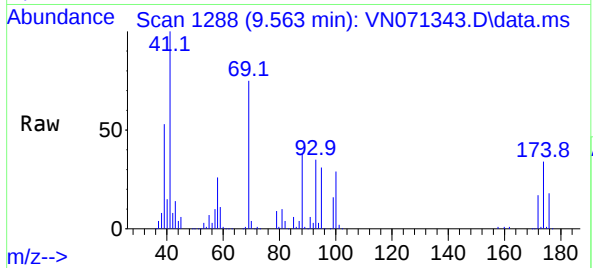
Tgt Ion: 43 Resp: 443574  
Ion Ratio Lower Upper  
43 100  
61 23.5 20.1 30.1





#45  
1,4-Dioxane  
Concen: 371.731 ug/l  
RT: 9.563 min Scan# 1288  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27

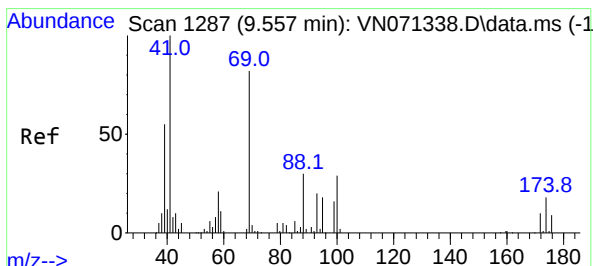
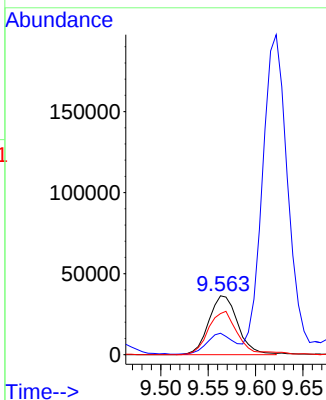
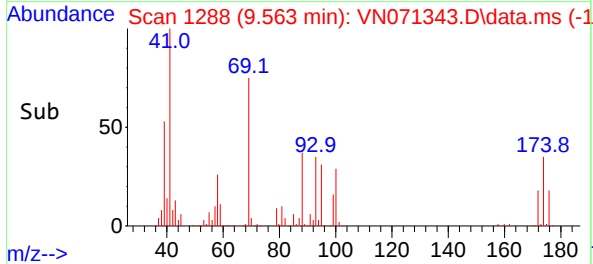
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN031722



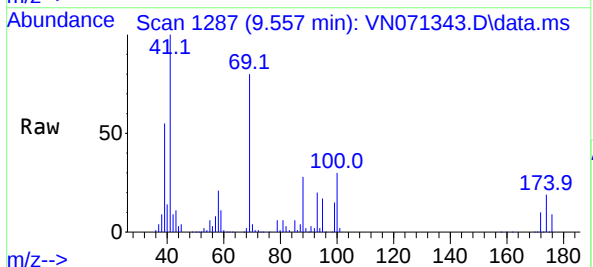
Tgt Ion: 88 Resp: 7762  
Ion Ratio Lower Upper  
88 100  
43 33.2 25.0 37.6  
58 71.3 49.4 74.2

Manual Integrations  
APPROVED

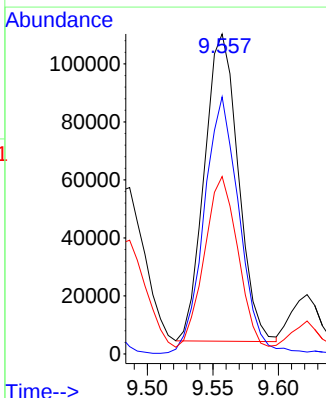
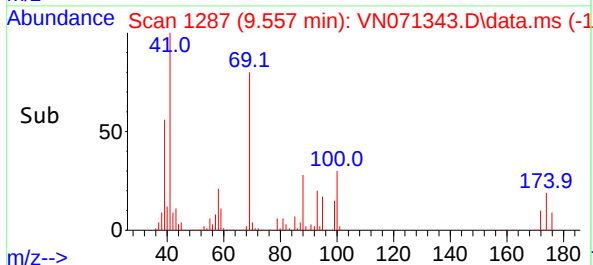
Reviewed By :John Carlone 03/17/2022  
Supervised By :Semsettin Yesilyurt 03/21/2022

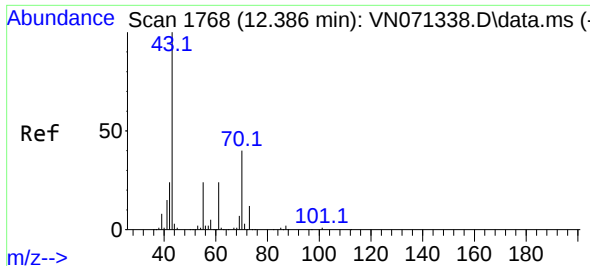


#46  
Methyl methacrylate  
Concen: 18.330 ug/l  
RT: 9.557 min Scan# 1287  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27



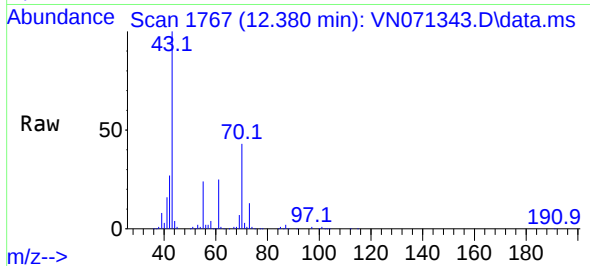
Tgt Ion: 41 Resp: 190151  
Ion Ratio Lower Upper  
41 100  
69 82.3 44.4 133.2  
39 55.6 39.9 119.6





#47  
n-amyl acetate  
Concen: 18.117 ug/l  
RT: 12.380 min Scan# 1767  
Delta R.T. -0.006 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27

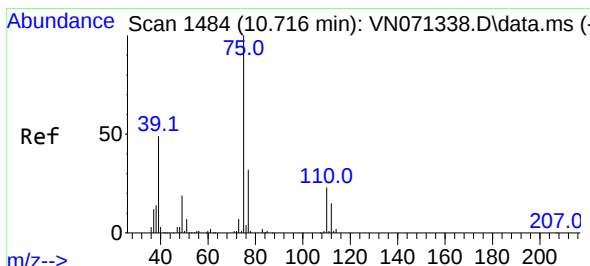
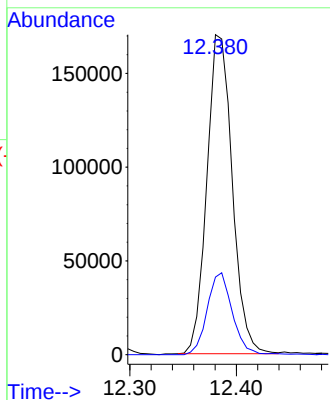
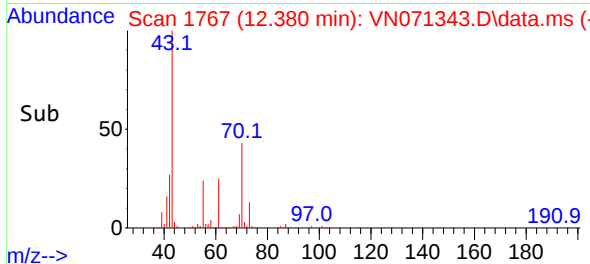
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN031722



Tgt Ion: 43 Resp: 281812  
Ion Ratio Lower Upper  
43 100  
55 25.2 19.0 28.6

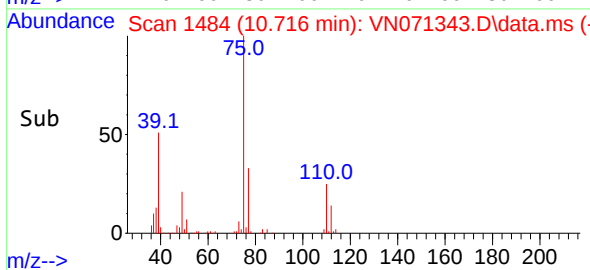
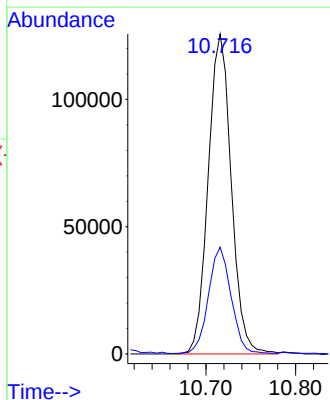
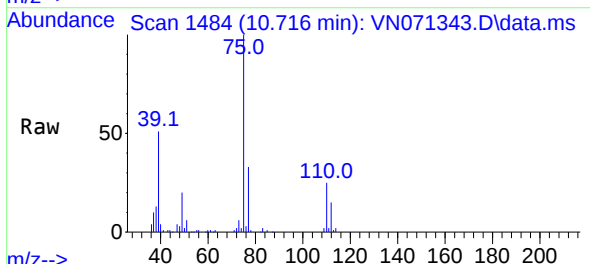
Manual Integrations  
APPROVED

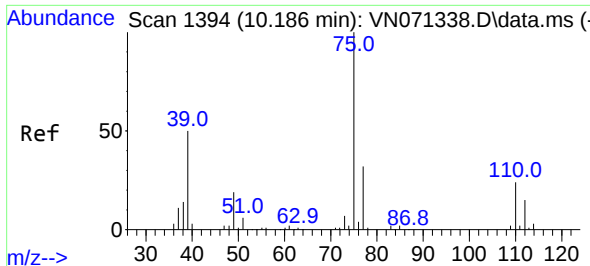
Reviewed By :John Carlone 03/17/2022  
Supervised By :Semsettin Yesilyurt 03/21/2022



#48  
t-1,3-Dichloropropene  
Concen: 18.607 ug/l  
RT: 10.716 min Scan# 1484  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27

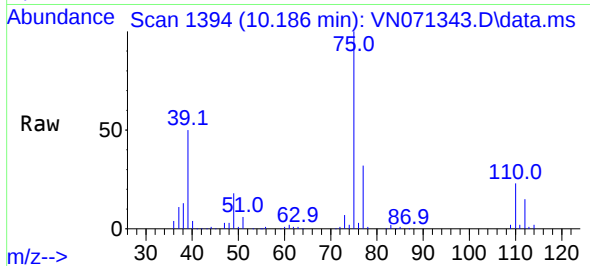
Tgt Ion: 75 Resp: 224609  
Ion Ratio Lower Upper  
75 100  
77 33.1 25.3 37.9





#49  
 cis-1,3-Dichloropropene  
 Concen: 19.151 ug/l  
 RT: 10.186 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VN071343.D  
 Acq: 17 Mar 2022 02:27

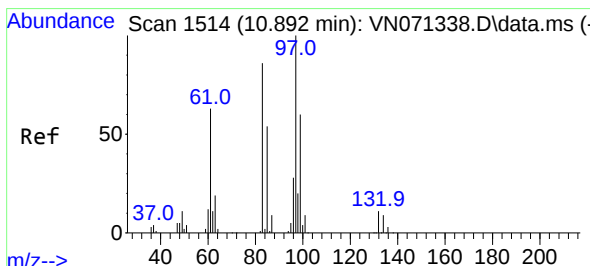
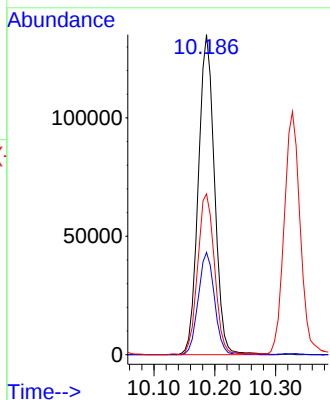
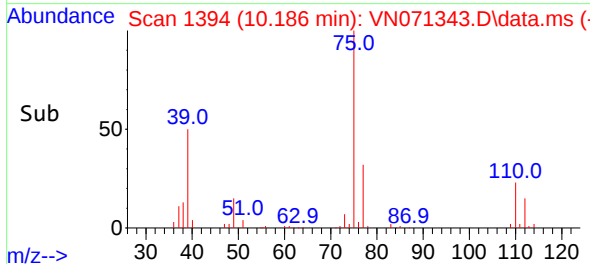
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 ICVVN031722



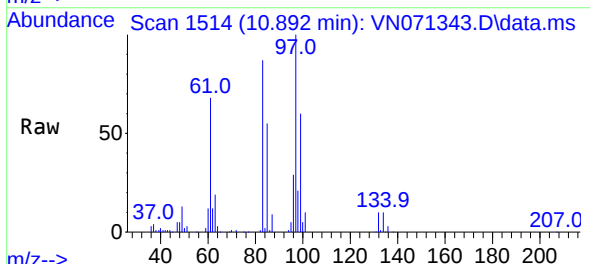
Tgt Ion: 75 Resp: 249950  
 Ion Ratio Lower Upper  
 75 100  
 77 31.9 25.3 37.9  
 39 50.1 46.2 69.4

Manual Integrations  
 APPROVED

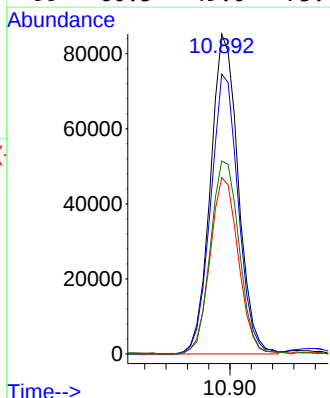
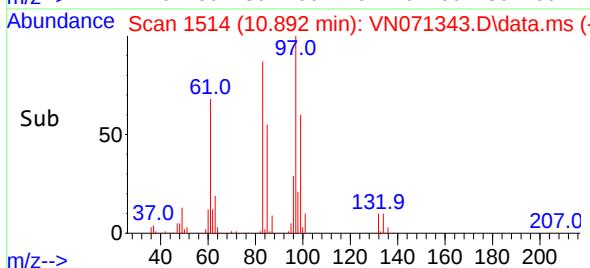
Reviewed By :John Carlone 03/17/2022  
 Supervised By :Semsettin Yesilyurt 03/21/2022

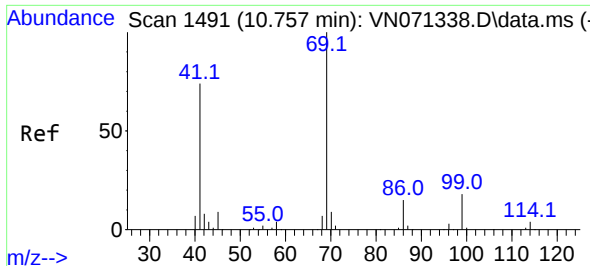


#50  
 1,1,2-Trichloroethane  
 Concen: 19.282 ug/l  
 RT: 10.892 min Scan# 1514  
 Delta R.T. 0.000 min  
 Lab File: VN071343.D  
 Acq: 17 Mar 2022 02:27



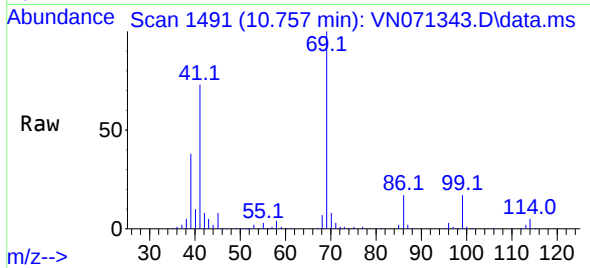
Tgt Ion: 97 Resp: 154341  
 Ion Ratio Lower Upper  
 97 100  
 83 87.2 67.2 100.8  
 85 55.1 43.0 64.4  
 99 60.3 49.0 73.4





#51  
Ethyl methacrylate  
Concen: 18.751 ug/l  
RT: 10.757 min Scan# 1491  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27

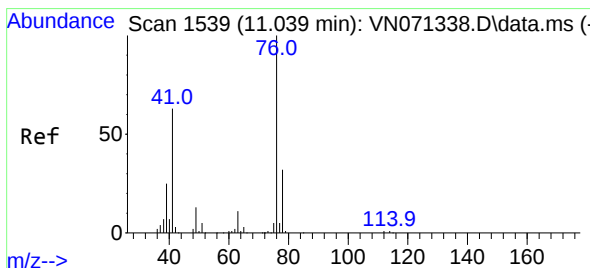
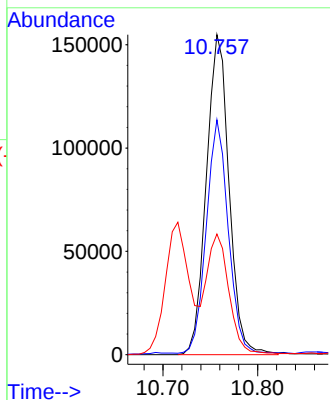
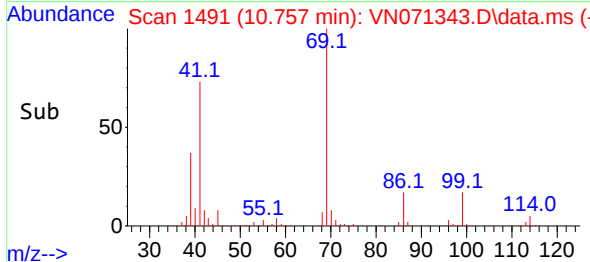
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN031722



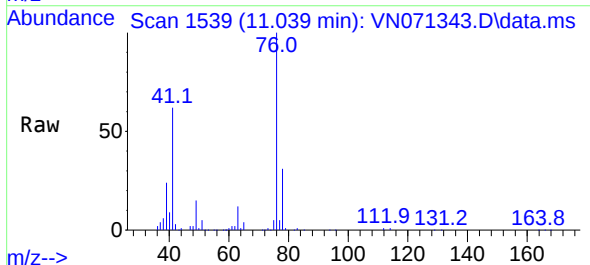
Tgt Ion: 69 Resp: 258194  
Ion Ratio Lower Upper  
69 100  
41 73.0 33.0 98.9  
39 37.4 25.4 76.4

Manual Integrations  
APPROVED

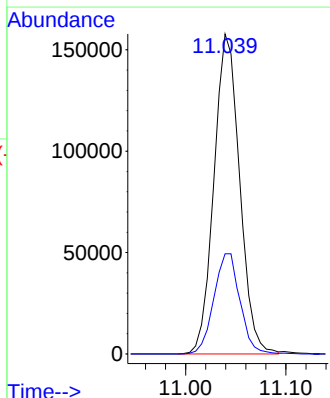
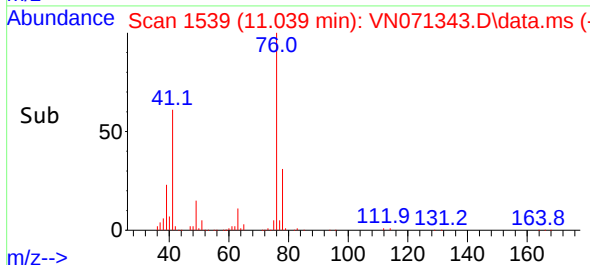
Reviewed By :John Carlone 03/17/2022  
Supervised By :Semsettin Yesilyurt 03/21/2022

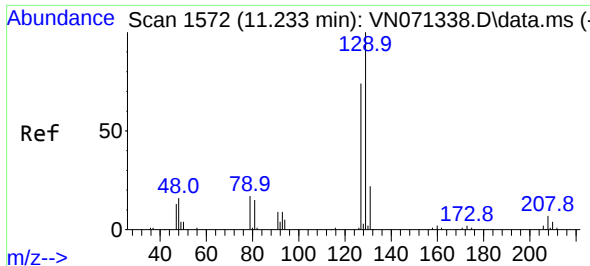


#52  
1,3-Dichloropropane  
Concen: 19.451 ug/l  
RT: 11.039 min Scan# 1539  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27



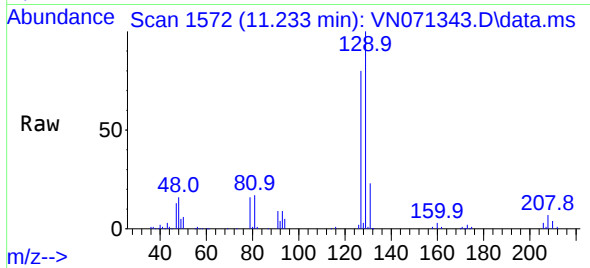
Tgt Ion: 76 Resp: 280393  
Ion Ratio Lower Upper  
76 100  
78 31.9 0.0 65.4





#53  
Dibromochloromethane  
Concen: 19.254 ug/l  
RT: 11.233 min Scan# 1572  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27

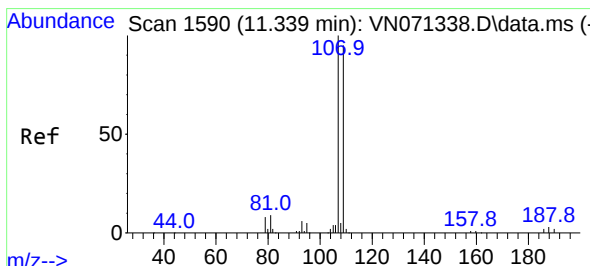
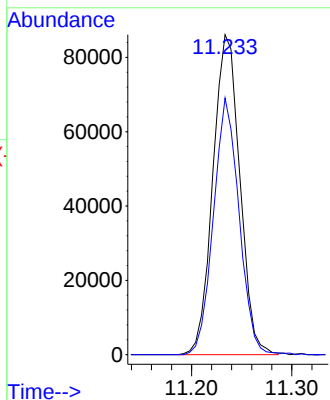
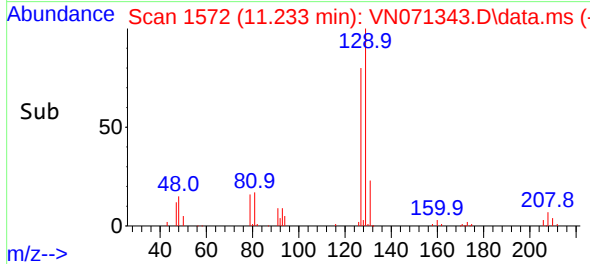
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN031722



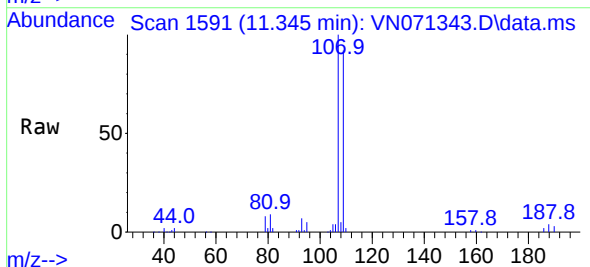
Tgt Ion:129 Resp: 160662  
Ion Ratio Lower Upper  
129 100  
127 76.1 39.0 117.0

Manual Integrations  
APPROVED

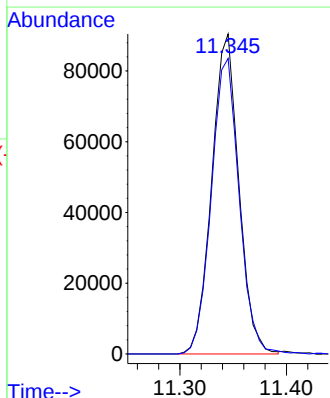
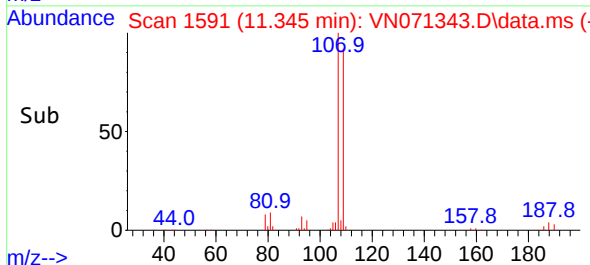
Reviewed By :John Carlone 03/17/2022  
Supervised By :Semsettin Yesilyurt 03/21/2022

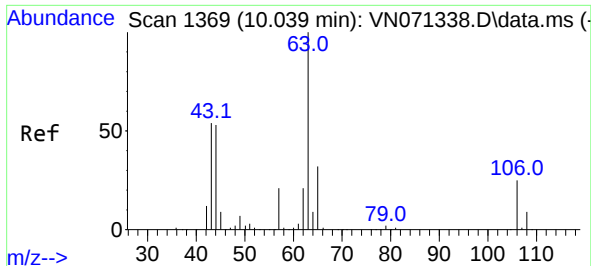


#54  
1,2-Dibromoethane  
Concen: 19.199 ug/l  
RT: 11.345 min Scan# 1591  
Delta R.T. 0.006 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27



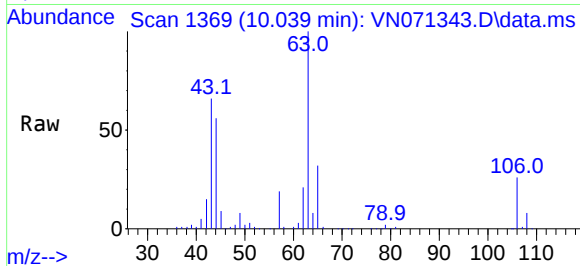
Tgt Ion:107 Resp: 159344  
Ion Ratio Lower Upper  
107 100  
109 94.9 72.8 109.2





#55  
2-Chloroethyl vinyl ether  
Concen: 84.740 ug/l  
RT: 10.039 min Scan# 1369  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27

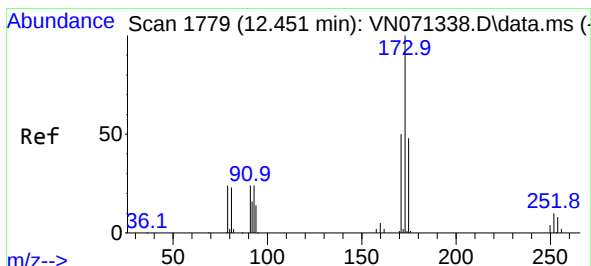
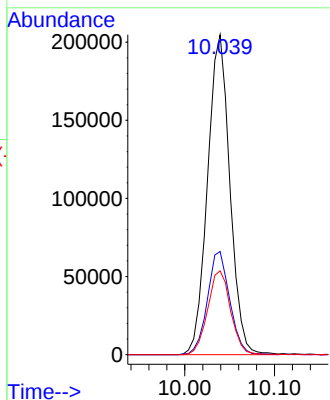
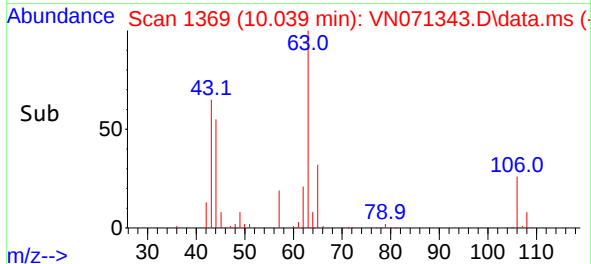
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN031722



Tgt Ion: 63 Resp: 353878  
Ion Ratio Lower Upper  
63 100  
65 32.2 25.4 38.0  
106 26.9 23.2 34.8

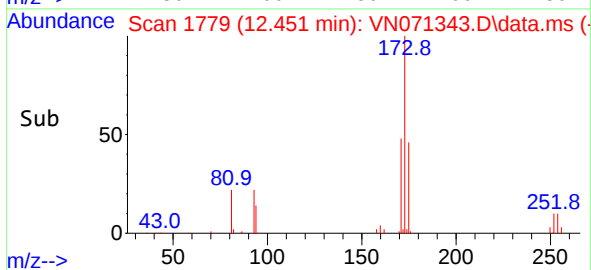
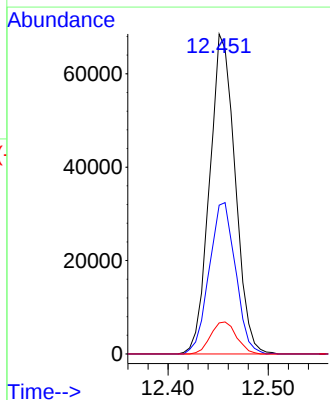
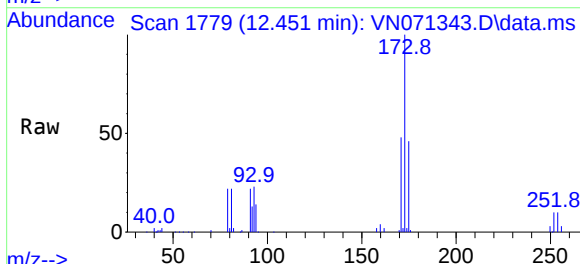
Manual Integrations  
APPROVED

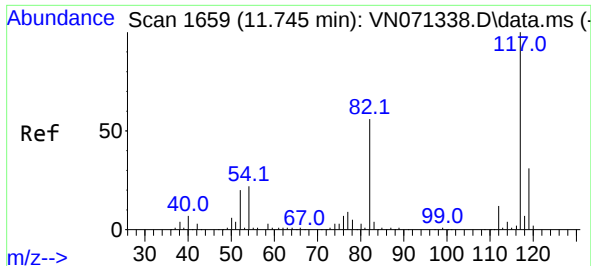
Reviewed By :John Carlone 03/17/2022  
Supervised By :Semsettin Yesilyurt 03/21/2022



#56  
Bromoform  
Concen: 18.797 ug/l  
RT: 12.451 min Scan# 1779  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27

Tgt Ion:173 Resp: 120966  
Ion Ratio Lower Upper  
173 100  
175 48.8 38.6 58.0  
254 10.1 0.0 0.0#





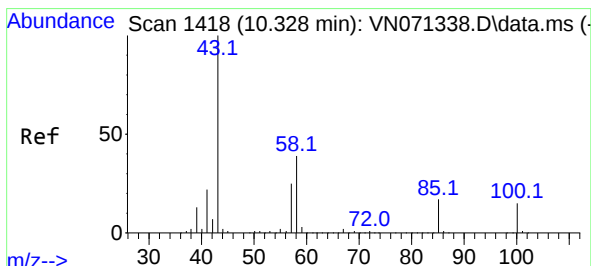
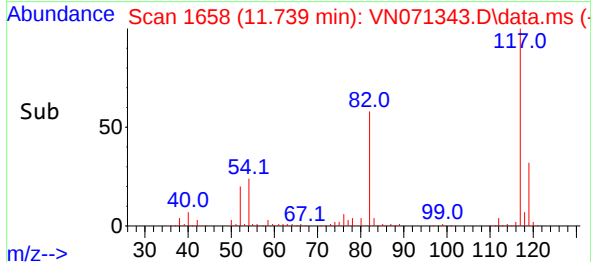
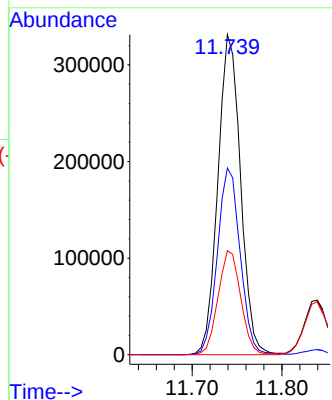
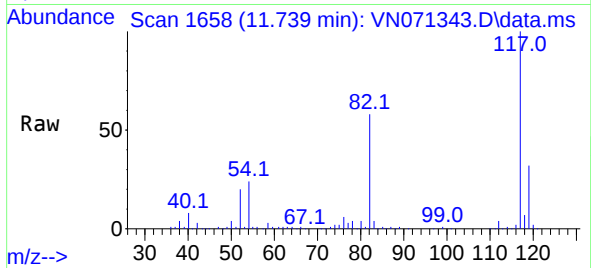
#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 11.739 min Scan# 117  
Delta R.T. -0.006 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27

Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN031722

Tgt Ion: 117 Resp: 58185  
Ion Ratio Lower Upper  
117 100  
82 58.5 43.6 65.4  
119 32.4 25.8 38.6

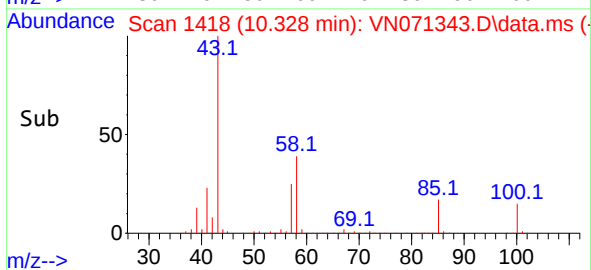
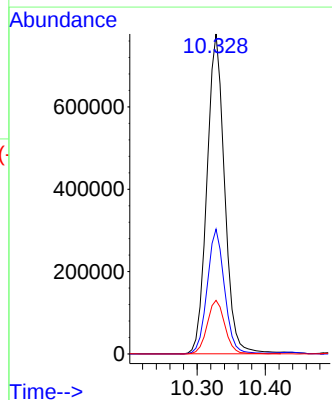
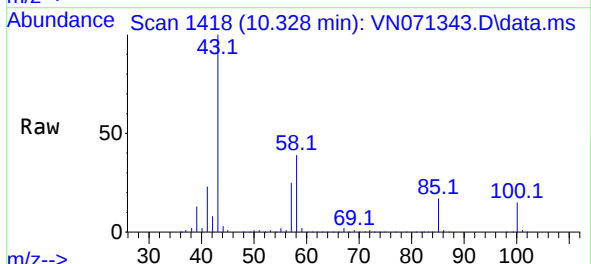
Manual Integrations  
APPROVED

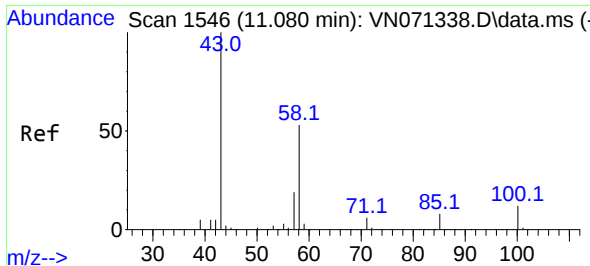
Reviewed By :John Carlone 03/17/2022  
Supervised By :Semsettin Yesilyurt 03/21/2022



#58  
4-Methyl-2-Pentanone  
Concen: 100.220 ug/l  
RT: 10.328 min Scan# 1418  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27

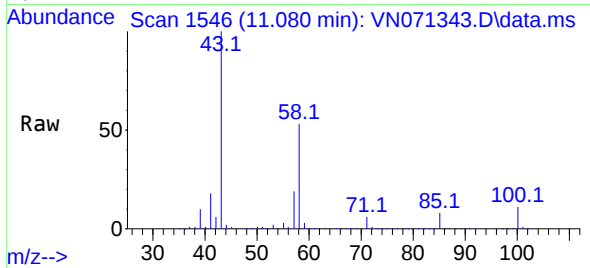
Tgt Ion: 43 Resp: 1400249  
Ion Ratio Lower Upper  
43 100  
58 38.4 30.0 45.0  
85 16.9 15.0 22.6





#59  
2-Hexanone  
Concen: 98.748 ug/l  
RT: 11.080 min Scan# 1546  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27

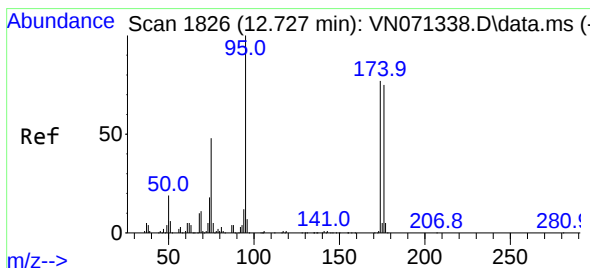
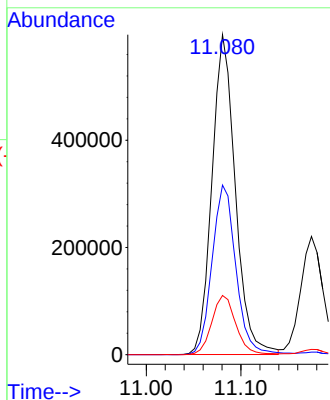
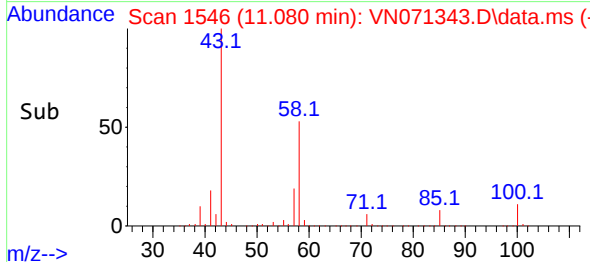
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN031722



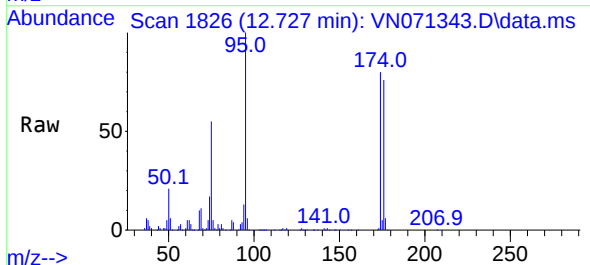
Tgt Ion: 43 Resp: 102557  
Ion Ratio Lower Upper  
43 100  
58 54.1 42.2 63.2  
57 19.0 15.0 22.4

Manual Integrations  
APPROVED

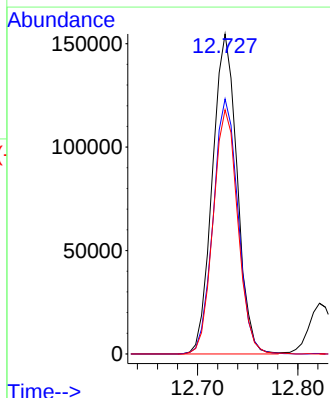
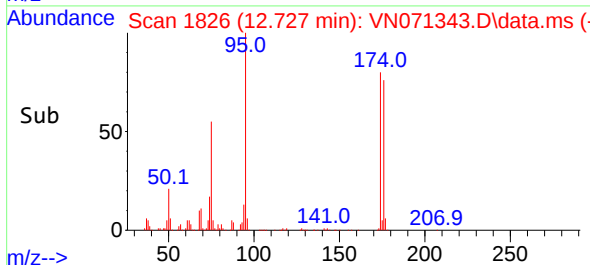
Reviewed By :John Carlone 03/17/2022  
Supervised By :Semsettin Yesilyurt 03/21/2022

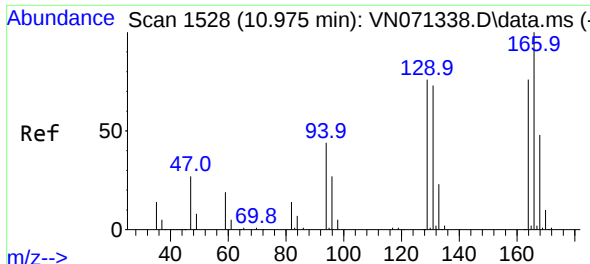


#60  
4-Bromofluorobenzene  
Concen: 29.460 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27



Tgt Ion: 95 Resp: 264825  
Ion Ratio Lower Upper  
95 100  
174 79.8 62.9 94.3  
176 76.1 61.0 91.4





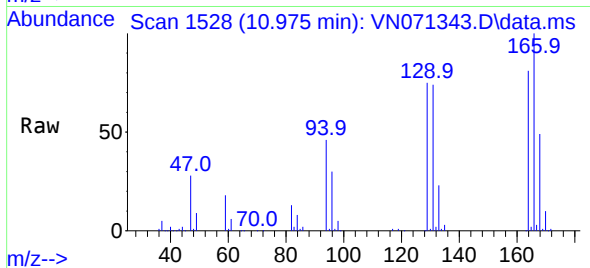
#61  
Tetrachloroethene  
Concen: 20.171 ug/l  
RT: 10.975 min Scan# 1528  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN031722



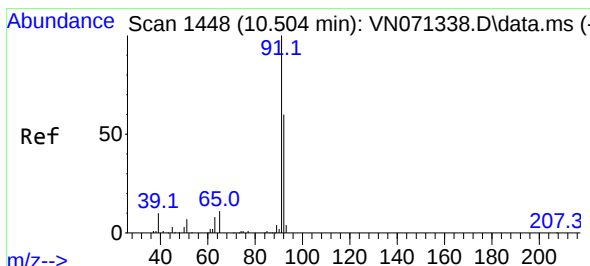
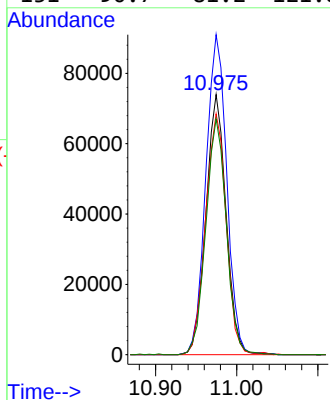
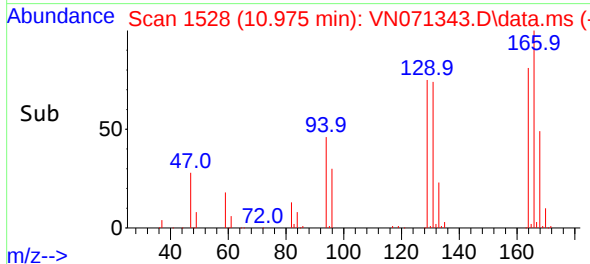
Tgt Ion:164 Resp: 12803  
Ion Ratio Lower Upper  
164 100  
166 123.0 105.8 158.8  
129 92.6 82.5 123.7  
131 90.7 81.2 121.8

Manual Integrations

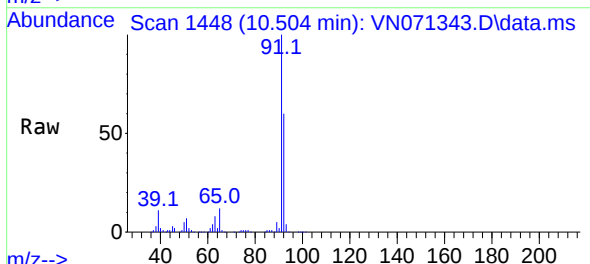
APPROVED

Reviewed By :John Carlone 03/17/2022

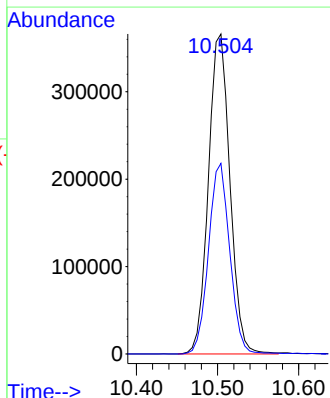
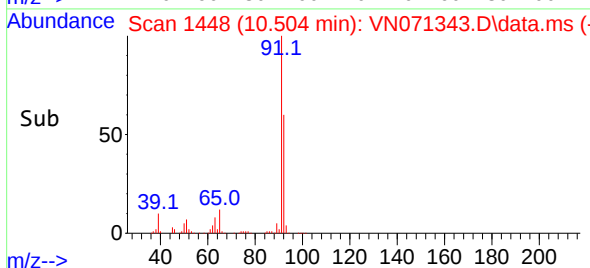
Supervised By :Semsettin Yesilyurt 03/21/2022

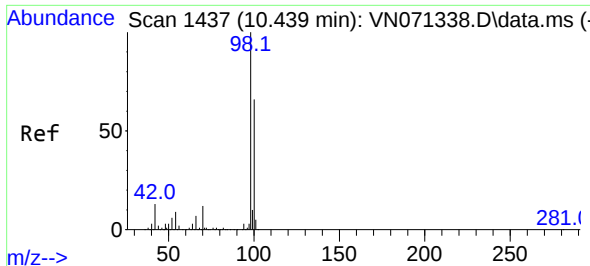


#62  
Toluene  
Concen: 20.295 ug/l  
RT: 10.504 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27



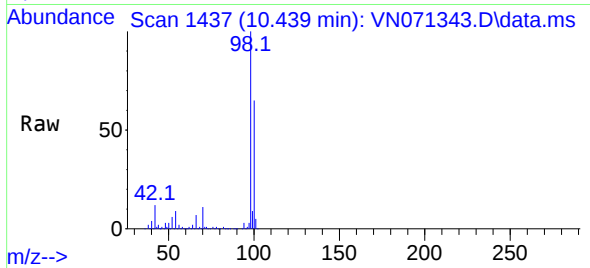
Tgt Ion: 91 Resp: 675190  
Ion Ratio Lower Upper  
91 100  
92 58.8 44.6 67.0





#63  
Toluene-d8  
Concen: 30.964 ug/l  
RT: 10.439 min Scan# 1437  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27

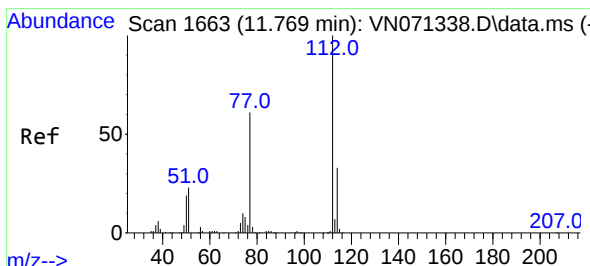
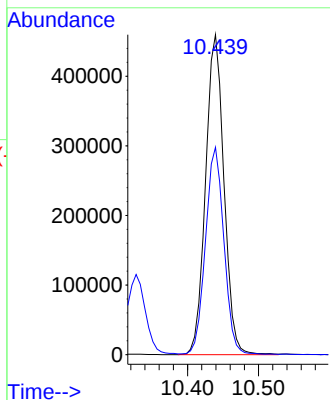
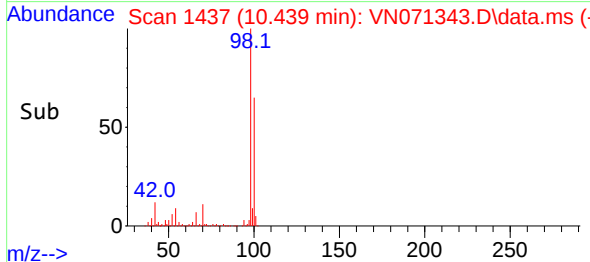
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN031722



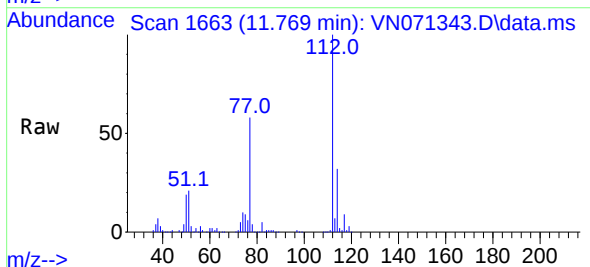
Tgt Ion: 98 Resp: 82878  
Ion Ratio Lower Upper  
98 100  
100 65.0 50.6 76.0

Manual Integrations  
APPROVED

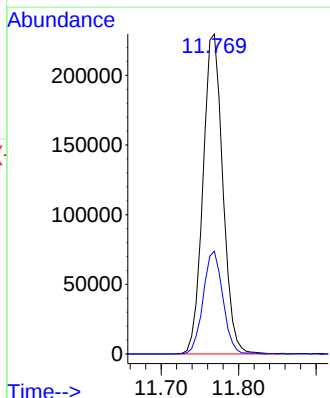
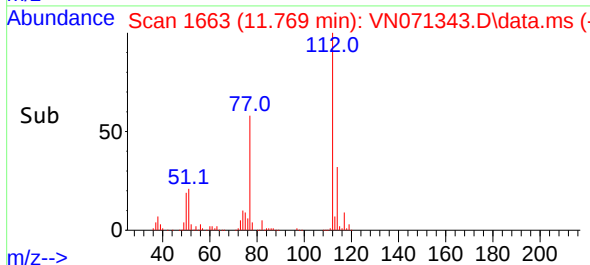
Reviewed By :John Carlone 03/17/2022  
Supervised By :Semsettin Yesilyurt 03/21/2022

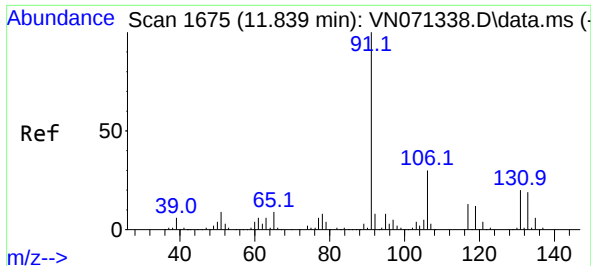


#64  
Chlorobenzene  
Concen: 20.217 ug/l  
RT: 11.769 min Scan# 1663  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27



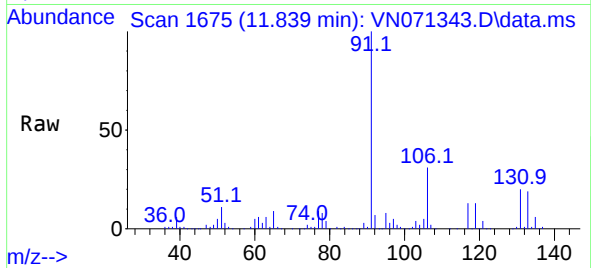
Tgt Ion:112 Resp: 407901  
Ion Ratio Lower Upper  
112 100  
114 32.1 25.8 38.6





#65  
1,1,1,2-Tetrachloroethane  
Concen: 20.217 ug/l  
RT: 11.839 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27

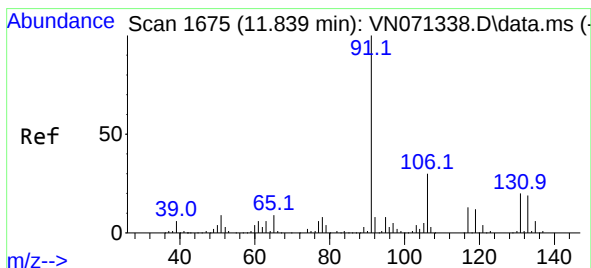
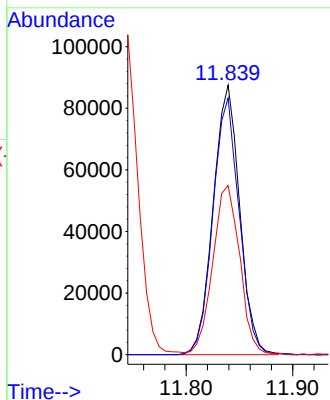
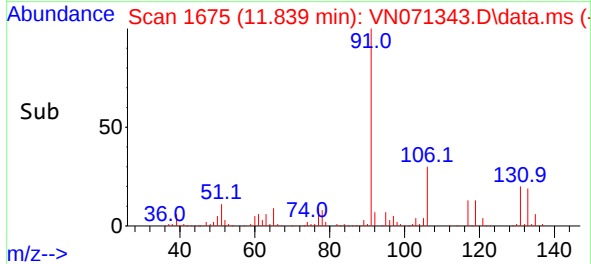
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN031722



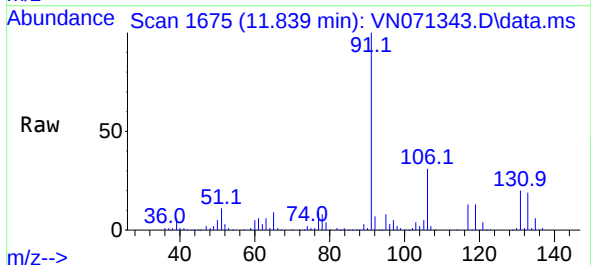
Tgt Ion:131 Resp: 151330  
Ion Ratio Lower Upper  
131 100  
133 94.3 0.0 191.2  
119 63.8 0.0 128.8

Manual Integrations  
APPROVED

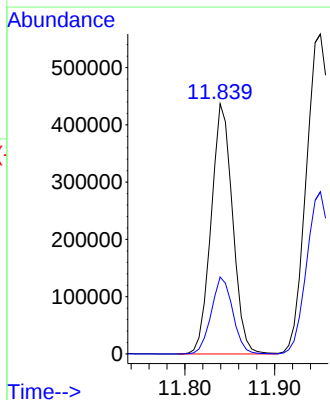
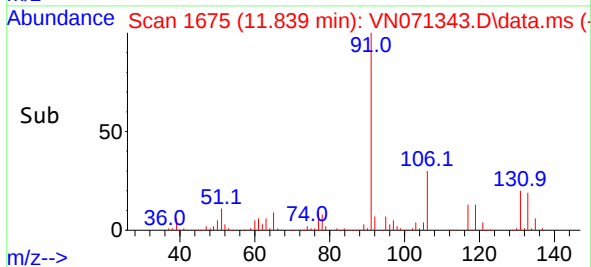
Reviewed By :John Carlone 03/17/2022  
Supervised By :Semsettin Yesilyurt 03/21/2022

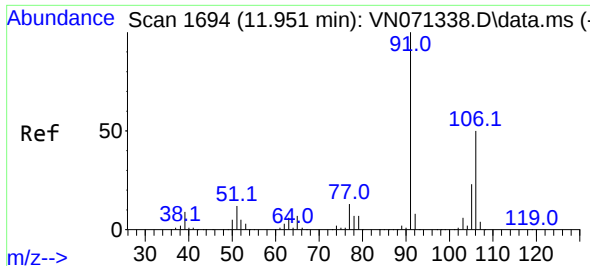


#66  
Ethyl Benzene  
Concen: 19.788 ug/l  
RT: 11.839 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27



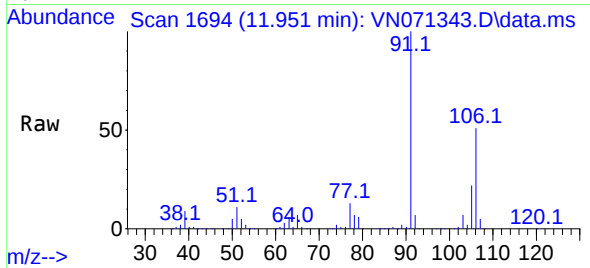
Tgt Ion: 91 Resp: 725460  
Ion Ratio Lower Upper  
91 100  
106 30.8 24.0 36.0





#67  
m/p-Xylenes  
Concen: 40.246 ug/l  
RT: 11.951 min Scan# 1694  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27

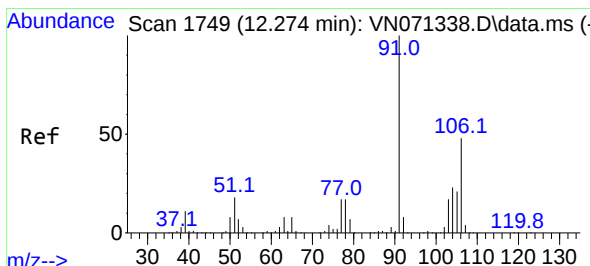
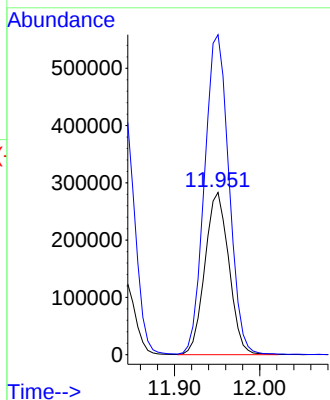
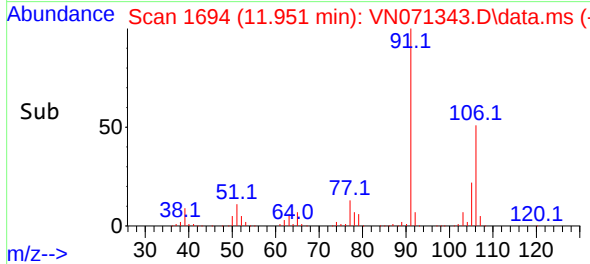
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN031722



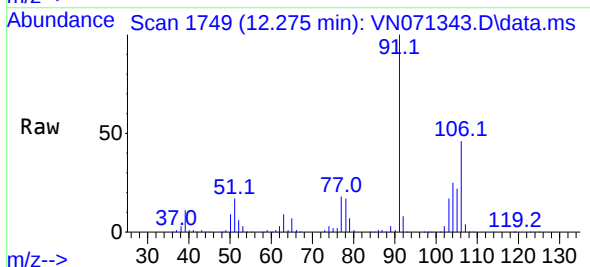
Tgt Ion:106 Resp: 55446  
Ion Ratio Lower Upper  
106 100  
91 200.5 162.9 244.3

Manual Integrations  
APPROVED

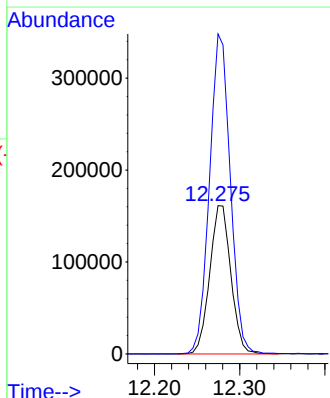
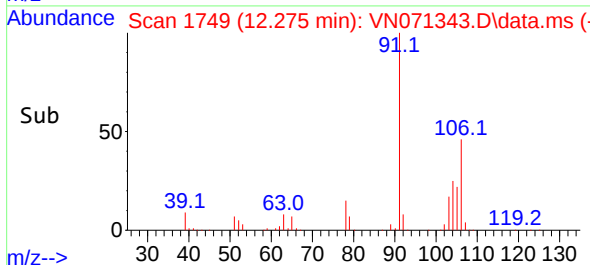
Reviewed By :John Carlone 03/17/2022  
Supervised By :Semsettin Yesilyurt 03/21/2022

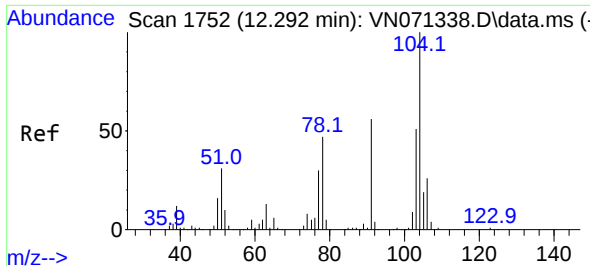


#68  
o-Xylene  
Concen: 20.050 ug/l  
RT: 12.275 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27



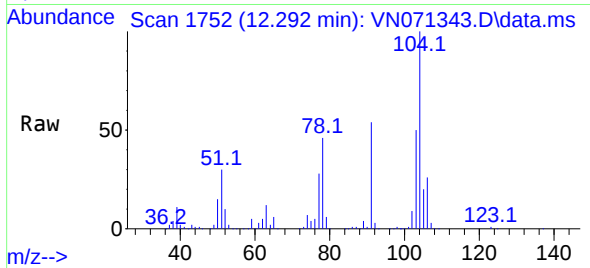
Tgt Ion:106 Resp: 278020  
Ion Ratio Lower Upper  
106 100  
91 212.2 107.7 323.1





#69  
Styrene  
Concen: 19.690 ug/l  
RT: 12.292 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27

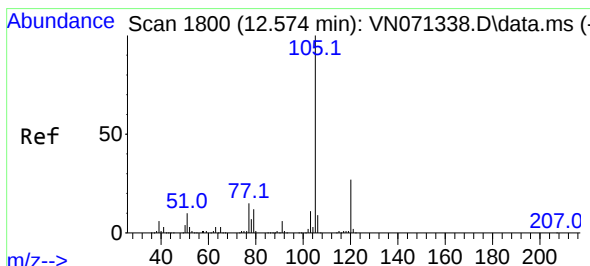
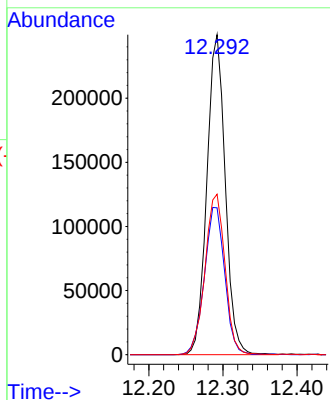
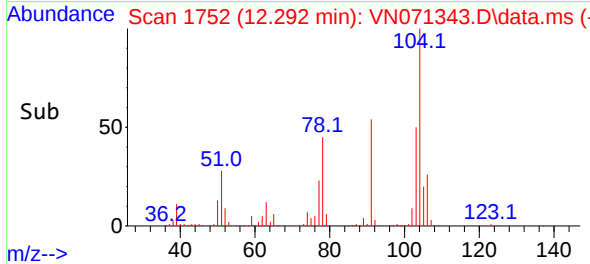
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN031722



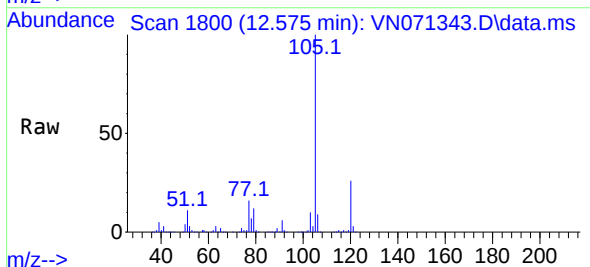
Tgt Ion:104 Resp: 43020  
Ion Ratio Lower Upper  
104 100  
78 50.9 40.7 61.1  
103 54.7 45.8 68.8

Manual Integrations  
APPROVED

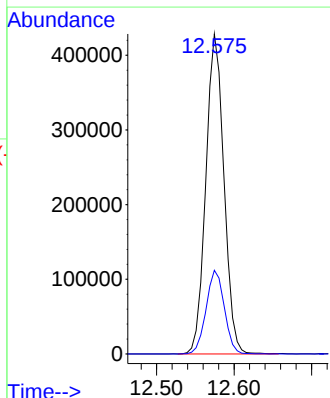
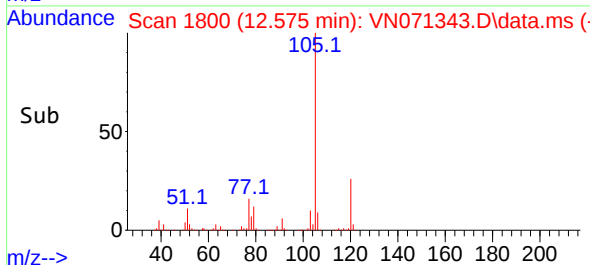
Reviewed By :John Carlone 03/17/2022  
Supervised By :Semsettin Yesilyurt 03/21/2022

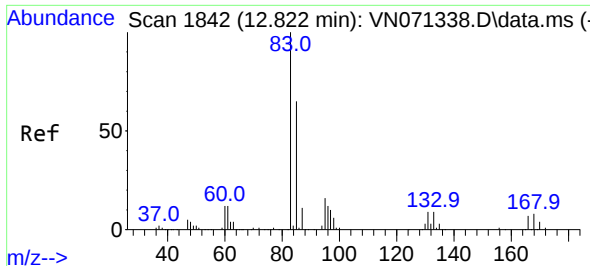


#70  
Isopropylbenzene  
Concen: 19.832 ug/l  
RT: 12.575 min Scan# 1800  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27



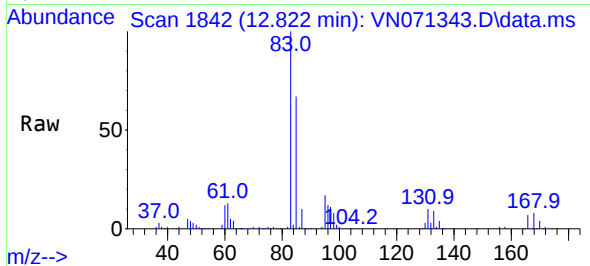
Tgt Ion:105 Resp: 695563  
Ion Ratio Lower Upper  
105 100  
120 26.3 18.3 34.1





#71  
1,1,2,2-Tetrachloroethane  
Concen: 20.123 ug/l  
RT: 12.822 min Scan# 1842  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27

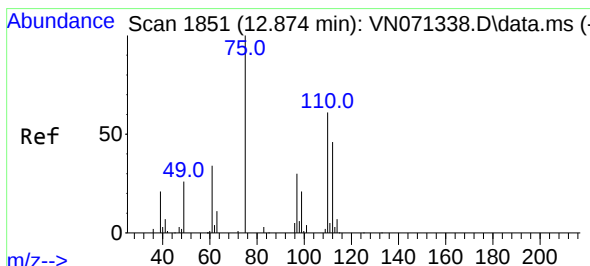
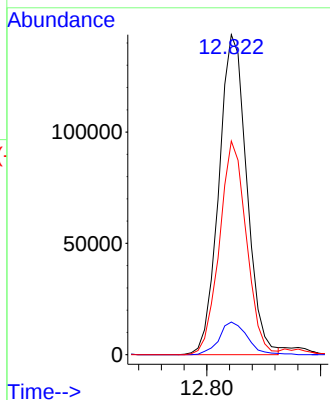
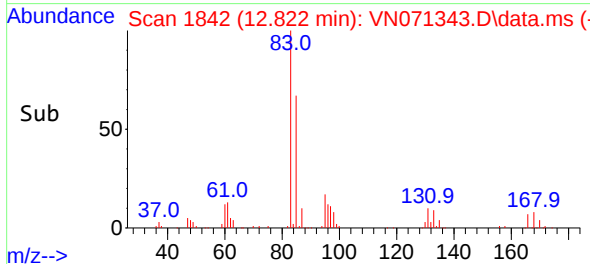
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN031722



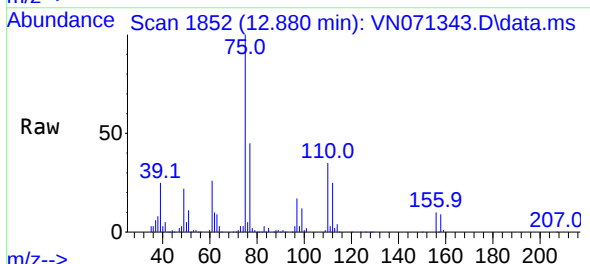
Tgt Ion: 83 Resp: 244854  
Ion Ratio Lower Upper  
83 100  
131 10.4 5.1 15.3  
85 64.6 33.1 99.2

Manual Integrations  
APPROVED

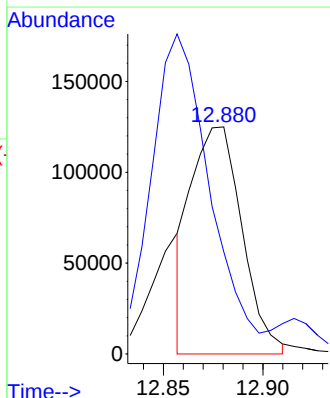
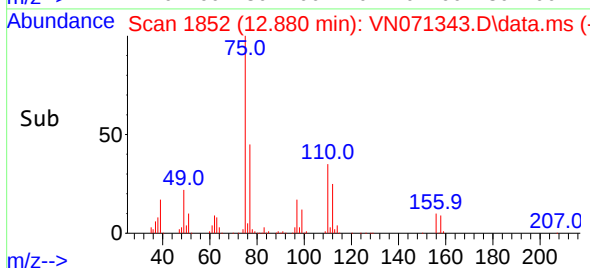
Reviewed By :John Carlone 03/17/2022  
Supervised By :Semsettin Yesilyurt 03/21/2022

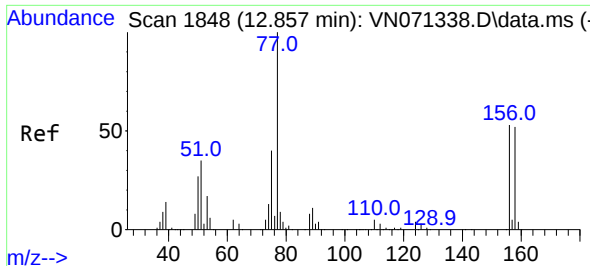


#72  
1,2,3-Trichloropropane  
Concen: 20.125 ug/l m  
RT: 12.880 min Scan# 1852  
Delta R.T. 0.006 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27



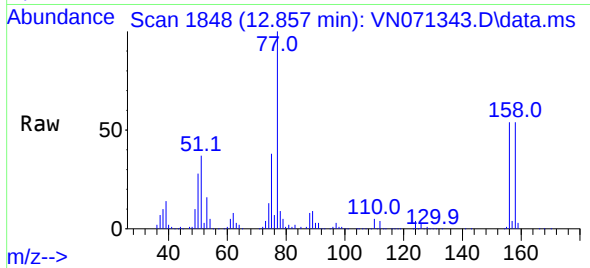
Tgt Ion: 75 Resp: 222560  
Ion Ratio Lower Upper  
75 100  
77 162.3 0.0 378.0





#73  
Bromobenzene  
Concen: 19.658 ug/l  
RT: 12.857 min Scan# 1848  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27

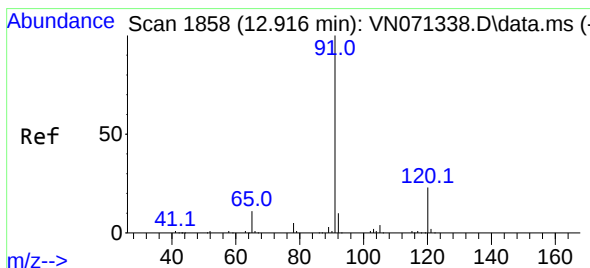
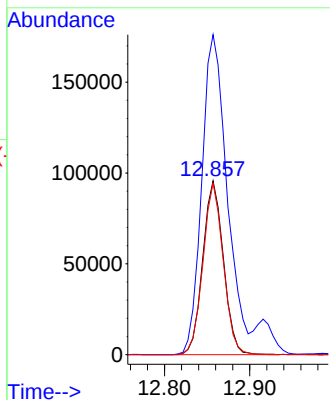
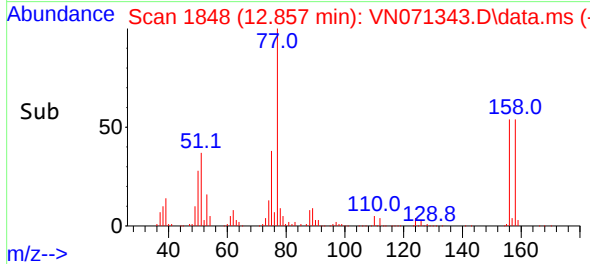
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN031722



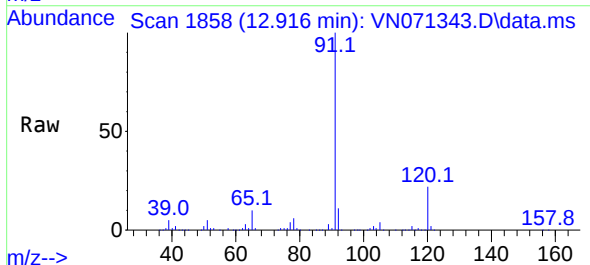
Tgt Ion:156 Resp: 161440  
Ion Ratio Lower Upper  
156 100  
77 223.8 0.0 416.0  
158 96.8 0.0 195.4

Manual Integrations  
APPROVED

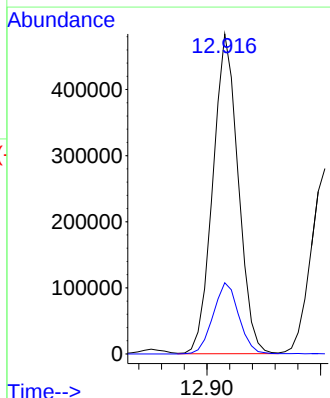
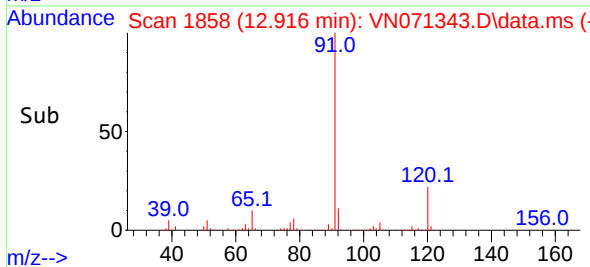
Reviewed By :John Carlone 03/17/2022  
Supervised By :Semsettin Yesilyurt 03/21/2022

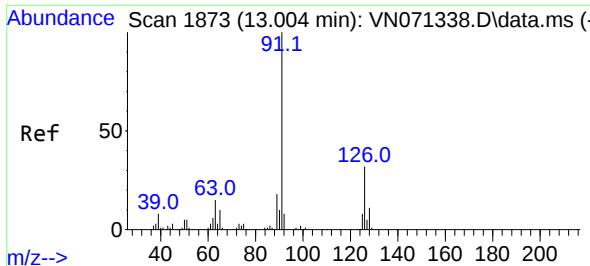


#74  
n-propylbenzene  
Concen: 19.427 ug/l  
RT: 12.916 min Scan# 1858  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27



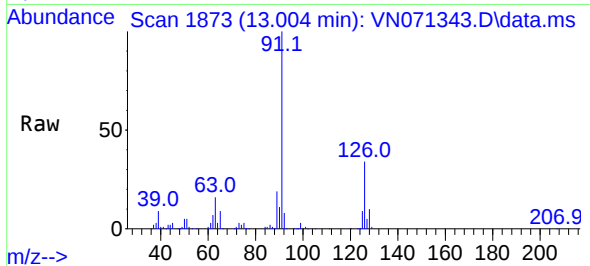
Tgt Ion: 91 Resp: 750968  
Ion Ratio Lower Upper  
91 100  
120 22.5 0.0 45.0





#75  
2-Chlorotoluene  
Concen: 19.543 ug/l  
RT: 13.004 min Scan# 1873  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27

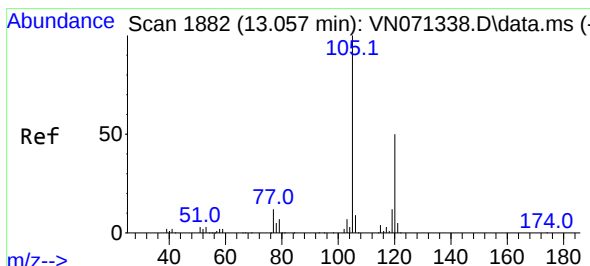
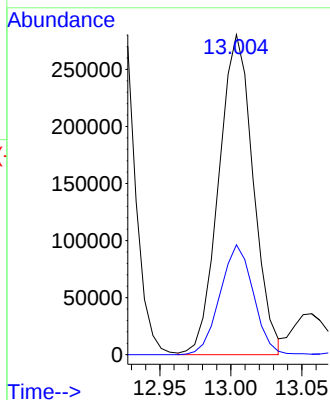
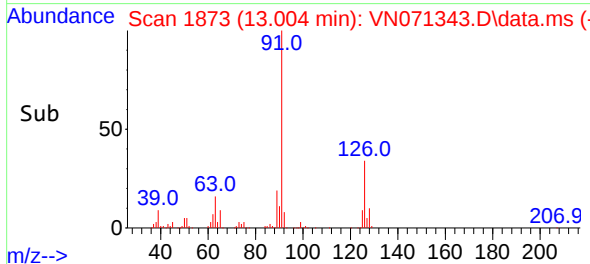
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN031722



Tgt Ion: 91 Resp: 473538  
Ion Ratio Lower Upper  
91 100  
126 33.2 0.0 69.8

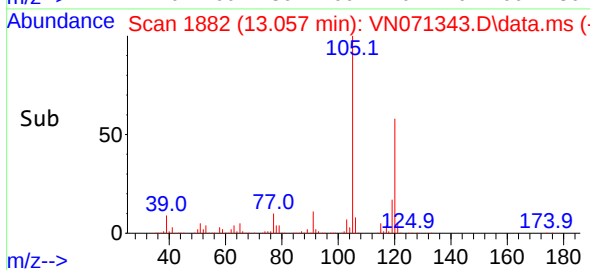
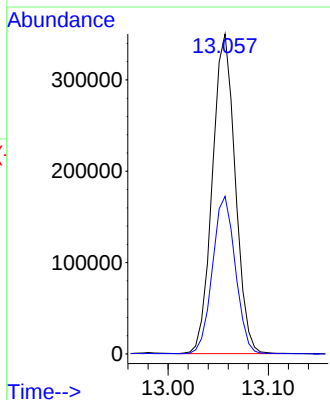
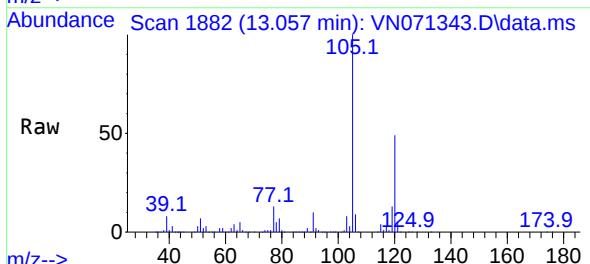
Manual Integrations  
APPROVED

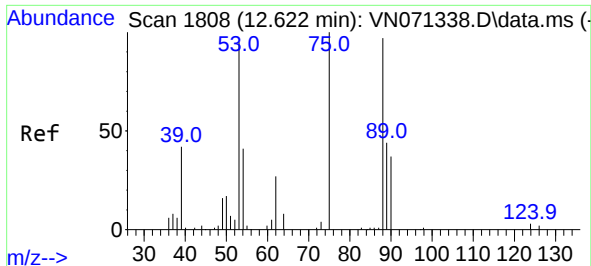
Reviewed By :John Carlone 03/17/2022  
Supervised By :Semsettin Yesilyurt 03/21/2022



#76  
1,3,5-Trimethylbenzene  
Concen: 19.892 ug/l  
RT: 13.057 min Scan# 1882  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27

Tgt Ion:105 Resp: 553778  
Ion Ratio Lower Upper  
105 100  
120 49.2 0.0 93.8





#77  
t-1,4-Dichloro-2-butene  
Concen: 18.310 ug/l  
RT: 12.622 min Scan# 1808  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27

Instrument :

MSVOA\_N

ClientSampleId :

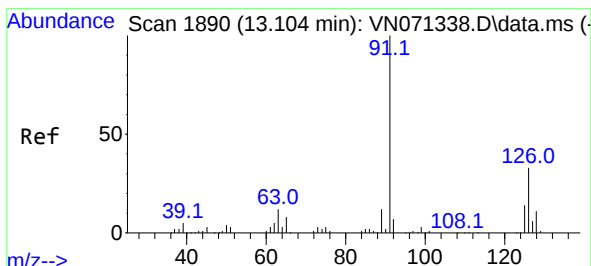
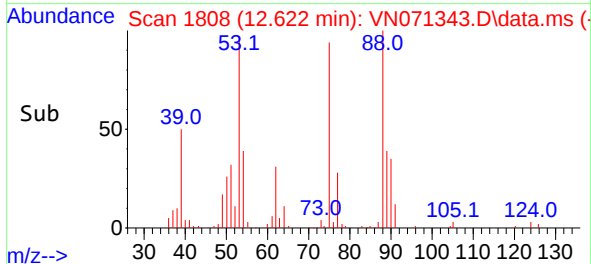
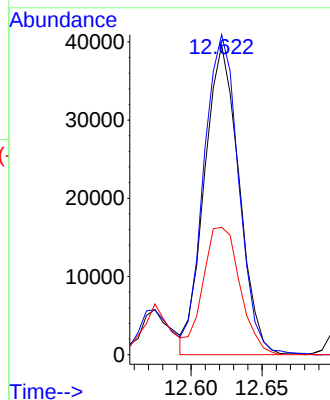
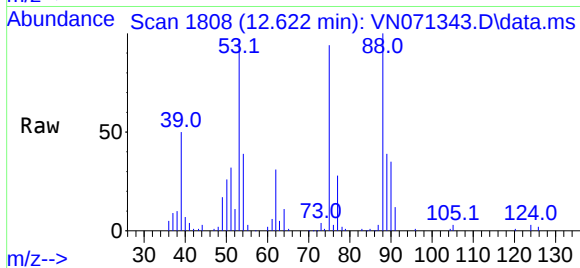
ICVVN031722

Tgt Ion: 75 Resp: 67049  
Ion Ratio Lower Upper  
75 100  
53 102.5 51.8 155.5  
89 41.3 22.9 68.7

Manual Integrations

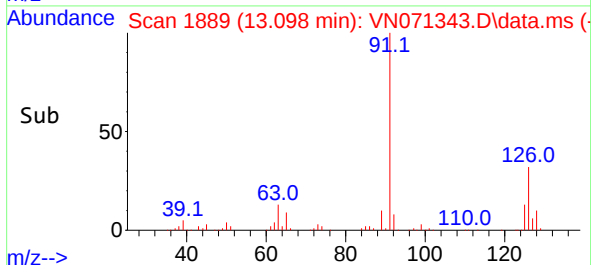
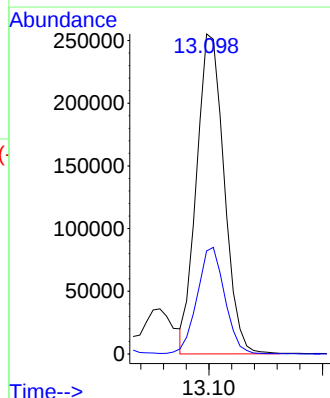
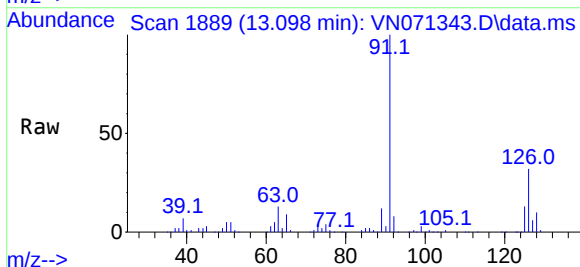
APPROVED

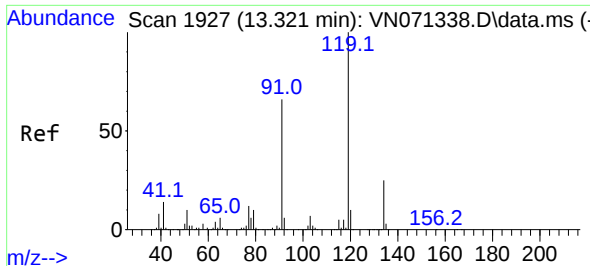
Reviewed By :John Carlone 03/17/2022  
Supervised By :Semsettin Yesilyurt 03/21/2022



#78  
4-Chlorotoluene  
Concen: 19.168 ug/l  
RT: 13.098 min Scan# 1889  
Delta R.T. -0.006 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27

Tgt Ion: 91 Resp: 430388  
Ion Ratio Lower Upper  
91 100  
126 33.5 0.0 70.6





#79  
tert-butylbenzene  
Concen: 19.499 ug/l  
RT: 13.322 min Scan# 1927  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27

Instrument :

MSVOA\_N

ClientSampleId :

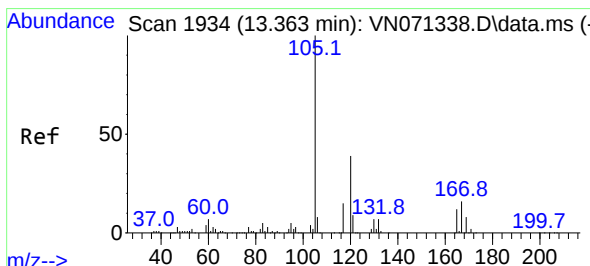
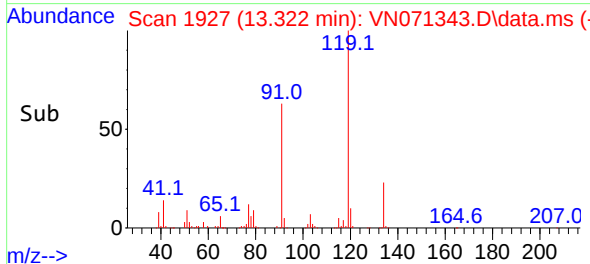
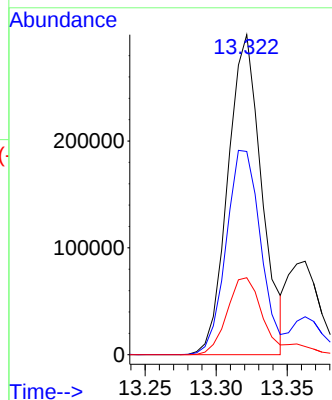
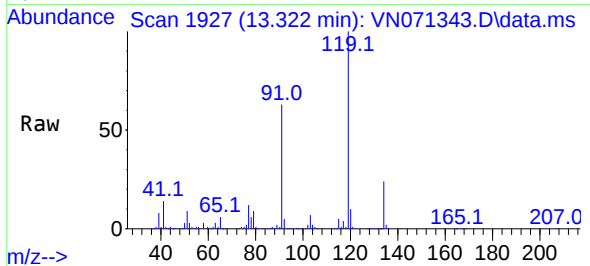
ICVVN031722

Tgt Ion:119 Resp: 495749  
Ion Ratio Lower Upper  
119 100  
91 65.0 0.0 137.0  
134 24.6 0.0 47.6

Manual Integrations

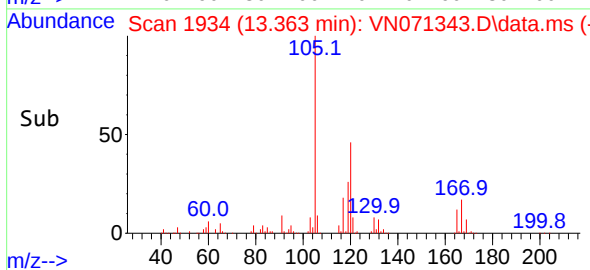
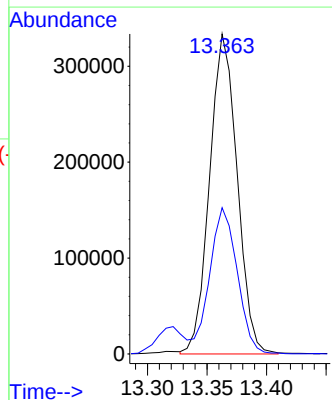
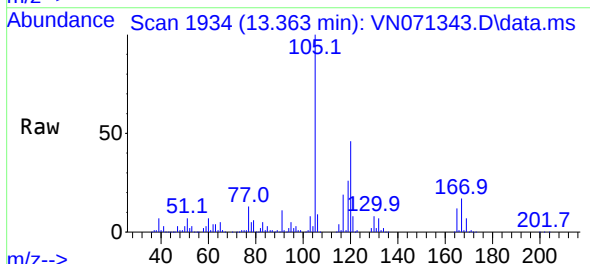
APPROVED

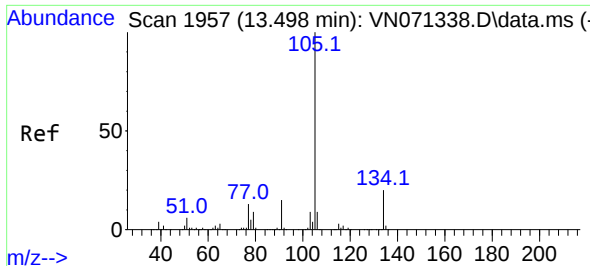
Reviewed By :John Carlone 03/17/2022  
Supervised By :Semsettin Yesilyurt 03/21/2022



#80  
1,2,4-Trimethylbenzene  
Concen: 19.912 ug/l m  
RT: 13.363 min Scan# 1934  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27

Tgt Ion:105 Resp: 537781  
Ion Ratio Lower Upper  
105 100  
120 0.2 0.0 0.2





#81  
sec-Butylbenzene  
Concen: 19.547 ug/l  
RT: 13.498 min Scan# 1957  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27

Instrument :

MSVOA\_N

ClientSampleId :

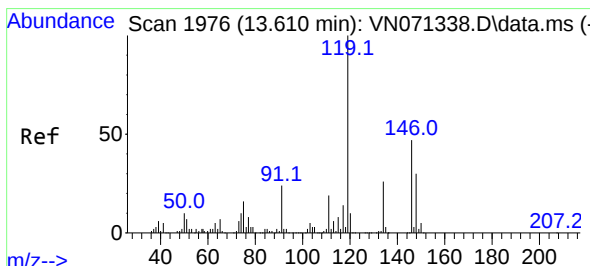
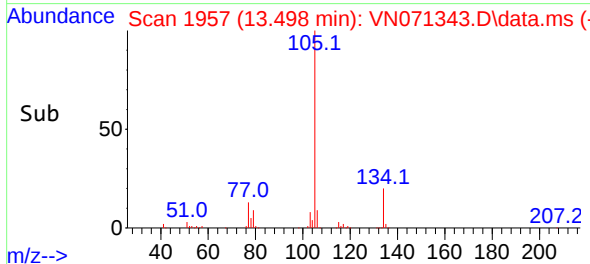
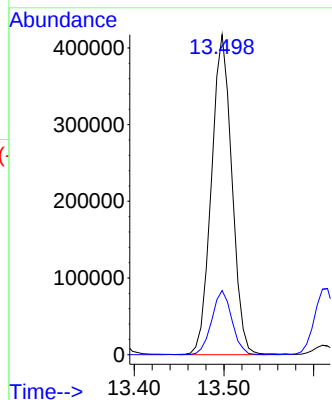
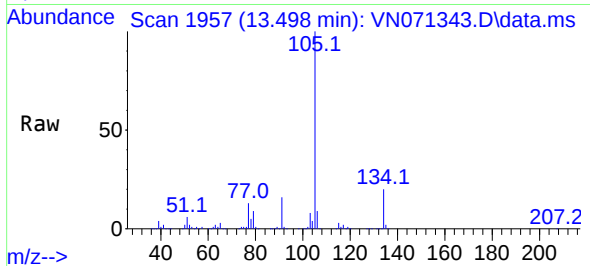
ICVVN031722

Tgt Ion:105 Resp: 66153  
Ion Ratio Lower Upper  
105 100  
134 19.7 0.0 39.4

Manual Integrations

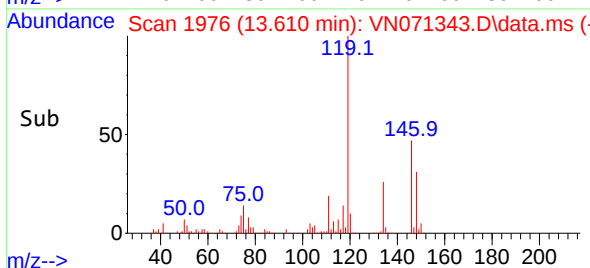
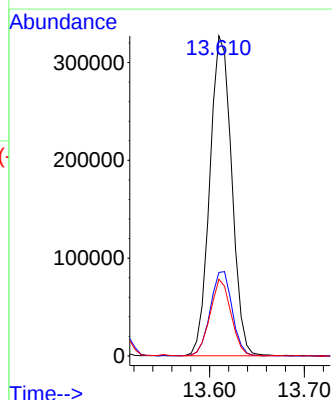
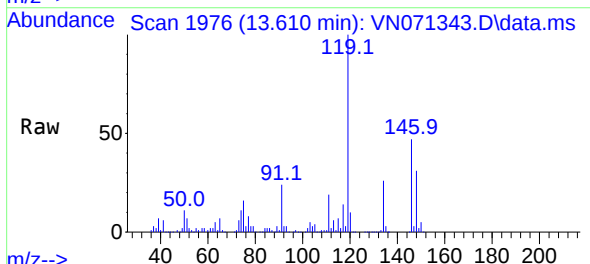
APPROVED

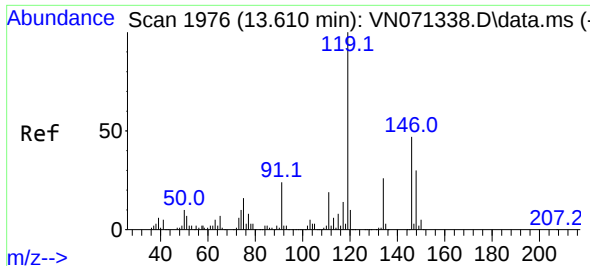
Reviewed By :John Carlone 03/17/2022  
Supervised By :Semsettin Yesilyurt 03/21/2022



#82  
p-Isopropyltoluene  
Concen: 19.277 ug/l  
RT: 13.610 min Scan# 1976  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27

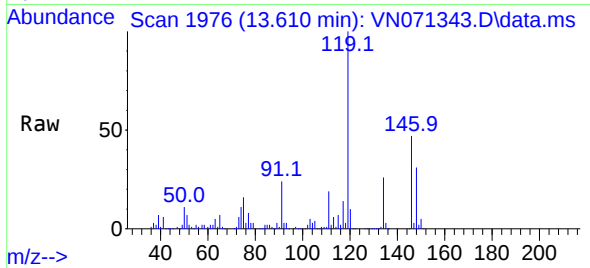
Tgt Ion:119 Resp: 524701  
Ion Ratio Lower Upper  
119 100  
134 26.5 0.0 51.8  
91 23.0 0.0 50.4





#83  
1,3-Dichlorobenzene  
Concen: 19.822 ug/l  
RT: 13.610 min Scan# 1976  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27

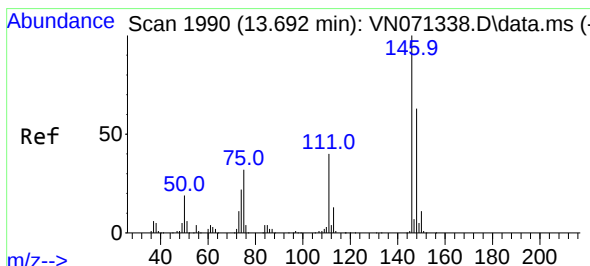
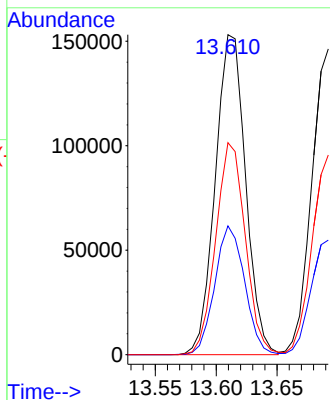
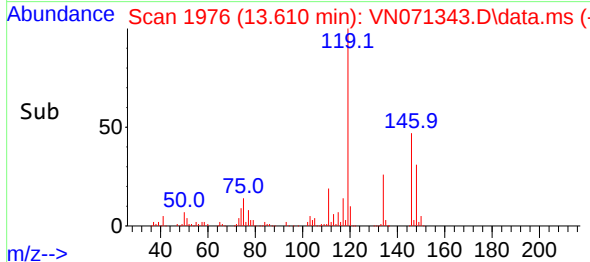
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN031722



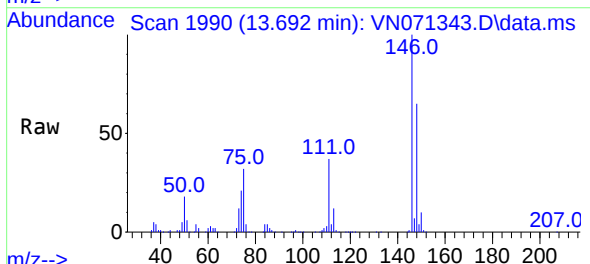
Tgt Ion:146 Resp: 265758  
Ion Ratio Lower Upper  
146 100  
111 39.6 20.8 62.2  
148 64.8 31.4 94.3

Manual Integrations  
APPROVED

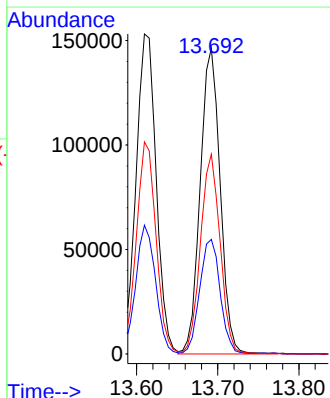
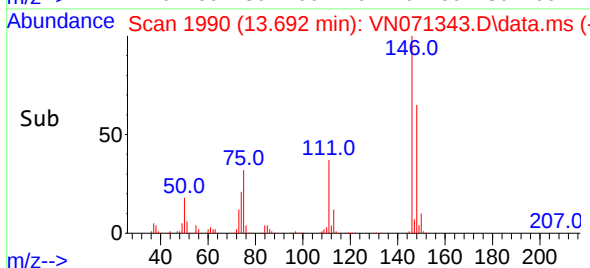
Reviewed By :John Carlone 03/17/2022  
Supervised By :Semsettin Yesilyurt 03/21/2022

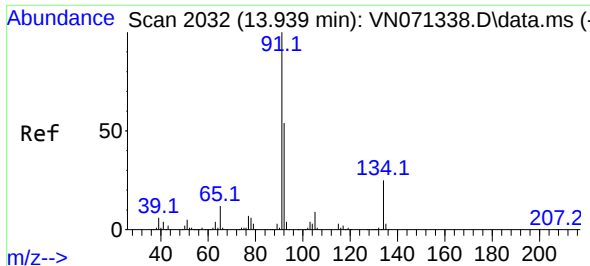


#84  
1,4-Dichlorobenzene  
Concen: 19.592 ug/l  
RT: 13.692 min Scan# 1990  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27



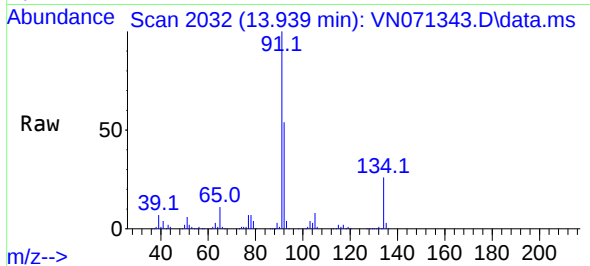
Tgt Ion:146 Resp: 250069  
Ion Ratio Lower Upper  
146 100  
111 38.6 19.5 58.5  
148 64.3 31.1 93.5





#85  
n-Butylbenzene  
Concen: 18.625 ug/l  
RT: 13.939 min Scan# 2032  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27

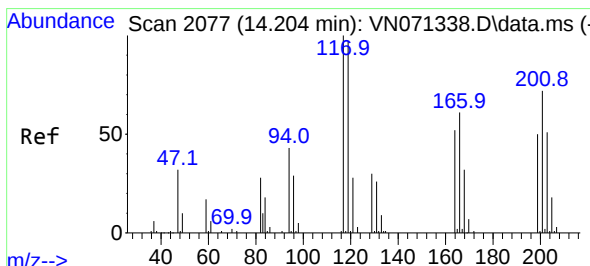
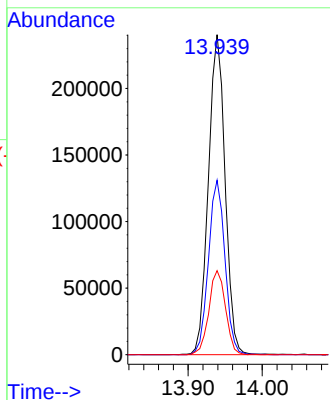
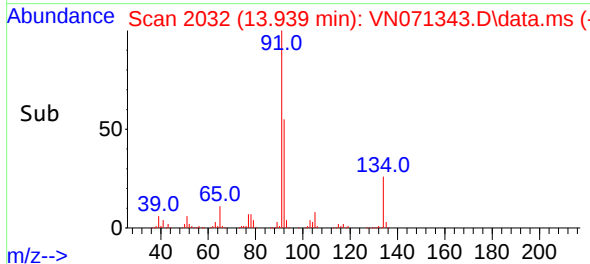
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN031722



Tgt Ion: 91 Resp: 377468  
Ion Ratio Lower Upper  
91 100  
92 53.7 0.0 100.6  
134 26.1 0.0 50.2

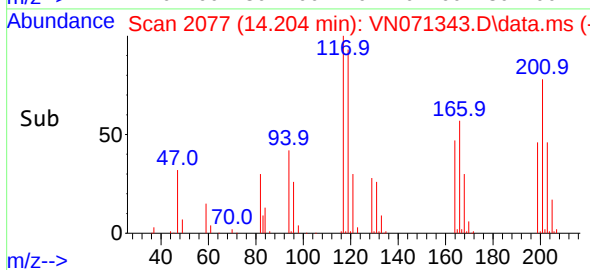
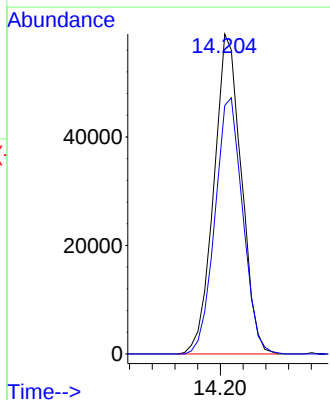
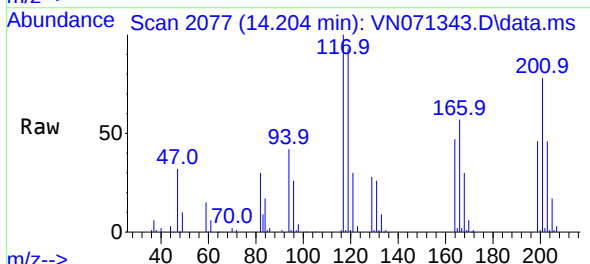
Manual Integrations  
APPROVED

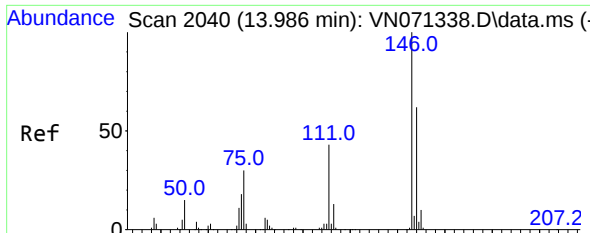
Reviewed By :John Carlone 03/17/2022  
Supervised By :Semsettin Yesilyurt 03/21/2022



#86  
Hexachloroethane  
Concen: 19.123 ug/l  
RT: 14.204 min Scan# 2077  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27

Tgt Ion:117 Resp: 99129  
Ion Ratio Lower Upper  
117 100  
201 80.8 33.3 99.8





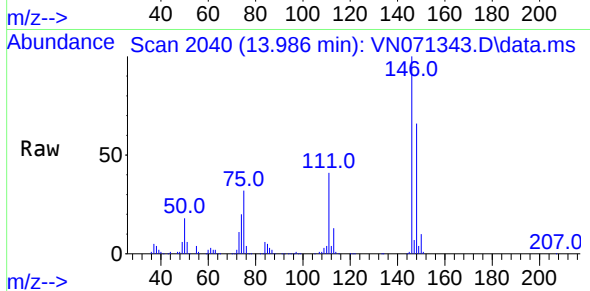
#87  
1,2-Dichlorobenzene  
Concen: 20.051 ug/l  
RT: 13.986 min Scan# 2040  
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Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN031722



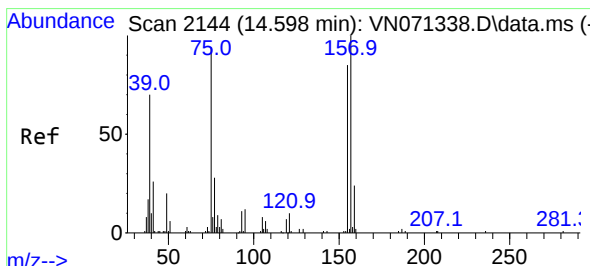
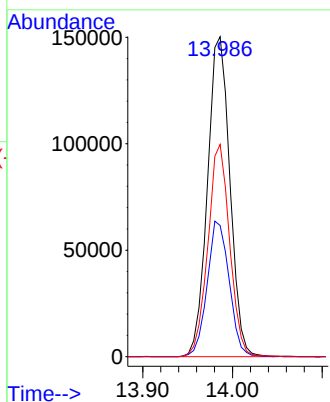
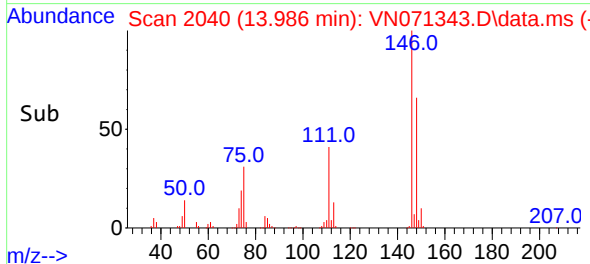
Tgt Ion:146 Resp: 260760  
Ion Ratio Lower Upper  
146 100  
111 41.6 21.4 64.2  
148 64.4 32.5 97.4

Manual Integrations

APPROVED

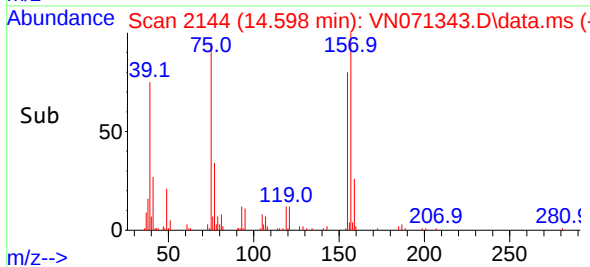
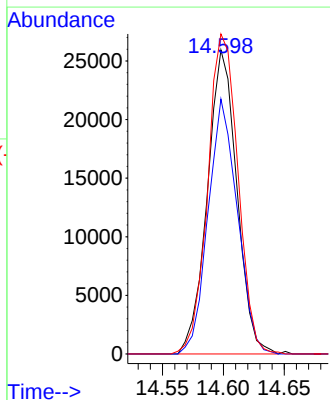
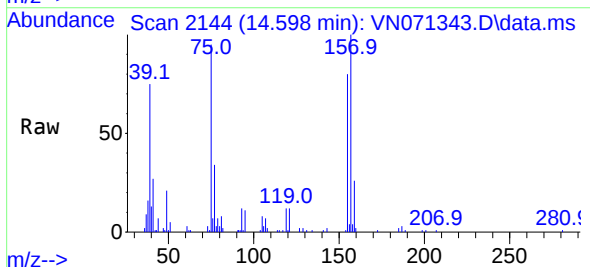
Reviewed By :John Carlone 03/17/2022

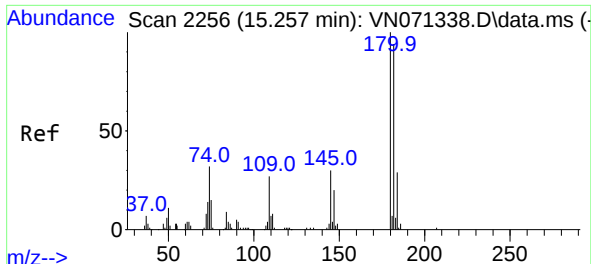
Supervised By :Semsettin Yesilyurt 03/21/2022



#88  
1,2-Dibromo-3-Chloropropane  
Concen: 18.706 ug/l  
RT: 14.598 min Scan# 2144  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27

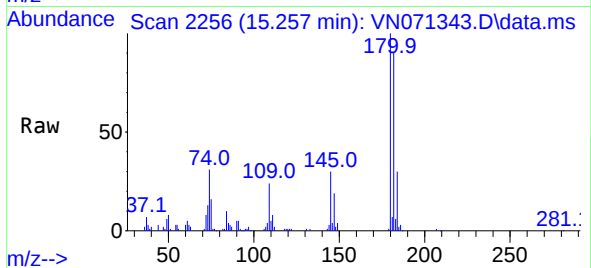
Tgt Ion: 75 Resp: 43710  
Ion Ratio Lower Upper  
75 100  
155 83.2 63.8 95.8  
157 108.0 77.9 116.9





#89  
1,2,4-Trichlorobenzene  
Concen: 18.828 ug/l  
RT: 15.257 min Scan# 2113  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27

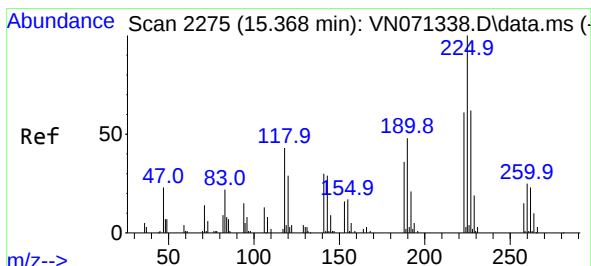
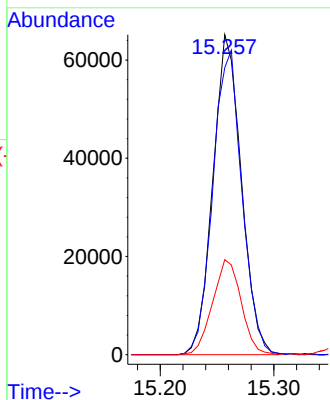
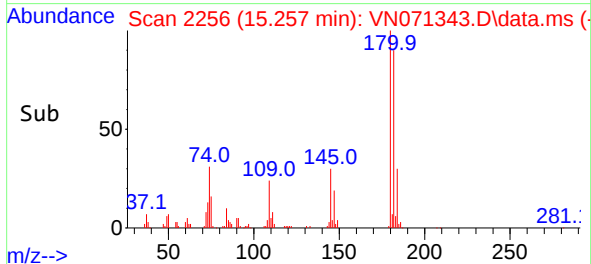
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICV031722



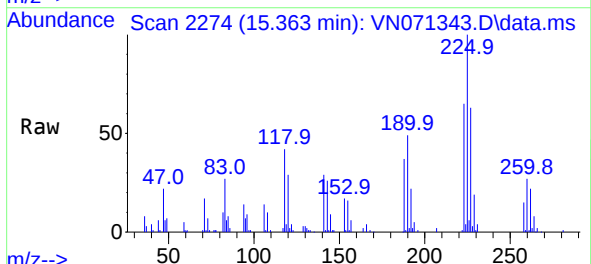
Tgt Ion:180 Resp: 11338  
Ion Ratio Lower Upper  
180 100  
182 97.2 77.7 116.5  
145 29.8 26.6 39.8

Manual Integrations  
APPROVED

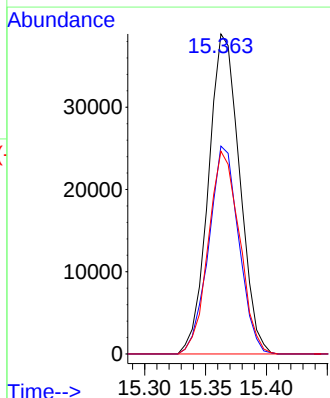
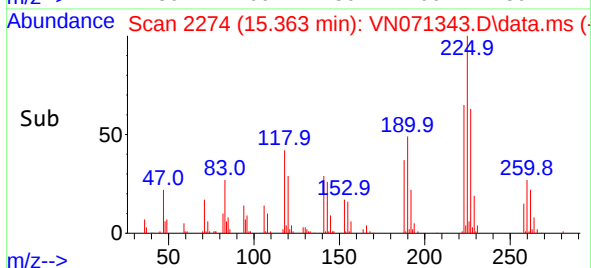
Reviewed By :John Carlone 03/17/2022  
Supervised By :Semsettin Yesilyurt 03/21/2022

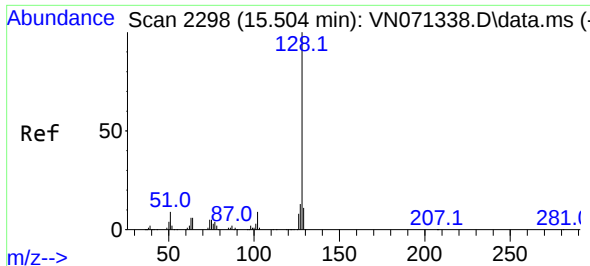


#90  
Hexachlorobutadiene  
Concen: 20.383 ug/l  
RT: 15.363 min Scan# 2274  
Delta R.T. -0.006 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27



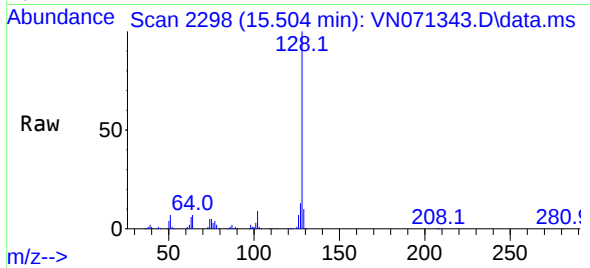
Tgt Ion:225 Resp: 69354  
Ion Ratio Lower Upper  
225 100  
223 62.6 0.0 126.8  
227 63.3 0.0 123.0





#91  
Naphthalene  
Concen: 18.634 ug/l  
RT: 15.504 min Scan# 2298  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27

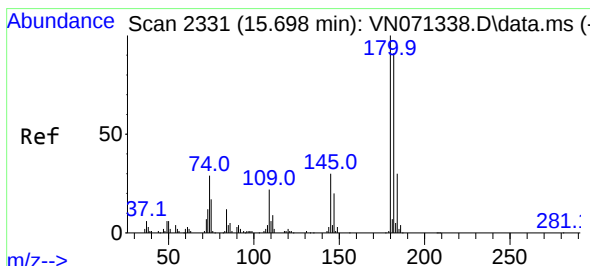
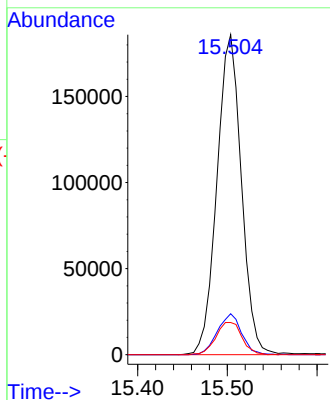
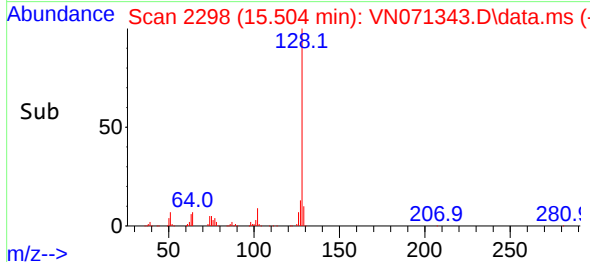
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN031722



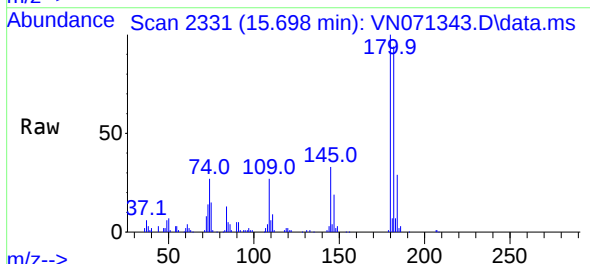
Tgt Ion:128 Resp: 35123  
Ion Ratio Lower Upper  
128 100  
127 12.7 10.7 16.1  
129 10.8 9.0 13.6

Manual Integrations  
APPROVED

Reviewed By :John Carlone 03/17/2022  
Supervised By :Semsettin Yesilyurt 03/21/2022



#92  
1,2,3-Trichlorobenzene  
Concen: 19.082 ug/l  
RT: 15.698 min Scan# 2331  
Delta R.T. 0.000 min  
Lab File: VN071343.D  
Acq: 17 Mar 2022 02:27



Tgt Ion:180 Resp: 117851  
Ion Ratio Lower Upper  
180 100  
182 96.3 0.0 190.0  
145 32.2 0.0 67.8

