

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN050522\  
 Data File : VN072340.D  
 Acq On : 05 May 2022 13:17  
 Operator : JC\MD  
 Sample : VN0505MBS01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0505MBS01

Quant Time: May 06 01:34:51 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N042622W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 26 18:50:11 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.081  | 168  | 194618   | 50.000 | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene    | 8.963  | 114  | 338713   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.739 | 117  | 308726   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.668 | 152  | 127328   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.433  | 65    | 165435   | 55.370   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | = 110.740% |      |
| 35) Dibromofluoromethane    | 8.022  | 113   | 115778   | 53.404   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | = 106.800% |      |
| 50) Toluene-d8              | 10.439 | 98    | 427571   | 50.192   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | = 100.380% |      |
| 62) 4-Bromofluorobenzene    | 12.727 | 95    | 143221   | 50.652   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | = 101.300% |      |

|                              |       |     |        |         |      |      |
|------------------------------|-------|-----|--------|---------|------|------|
| Target Compounds             |       |     |        | Qvalue  |      |      |
| 2) Dichlorodifluoromethane   | 2.069 | 85  | 38269  | 17.433  | ug/l | 91   |
| 3) Chloromethane             | 2.299 | 50  | 42355  | 16.766  | ug/l | 100  |
| 4) Vinyl Chloride            | 2.446 | 62  | 35047  | 15.997  | ug/l | 97   |
| 5) Bromomethane              | 2.840 | 94  | 22237  | 19.852  | ug/l | 94   |
| 6) Chloroethane              | 3.010 | 64  | 21134  | 15.937  | ug/l | 100  |
| 7) Trichlorofluoromethane    | 3.375 | 101 | 66217  | 17.300  | ug/l | 95   |
| 8) Diethyl Ether             | 3.828 | 74  | 28961  | 20.896  | ug/l | 85   |
| 9) 1,1,2-Trichlorotrifluo... | 4.210 | 101 | 38271  | 19.035  | ug/l | 97   |
| 10) Methyl Iodide            | 4.428 | 142 | 47997  | 19.667  | ug/l | 91   |
| 11) Tert butyl alcohol       | 5.363 | 59  | 57975  | 118.074 | ug/l | 96   |
| 12) 1,1-Dichloroethene       | 4.187 | 96  | 33463  | 18.003  | ug/l | 87   |
| 13) Acrolein                 | 4.034 | 56  | 38109  | 77.124  | ug/l | 97   |
| 14) Allyl chloride           | 4.845 | 41  | 71549  | 18.539  | ug/l | # 93 |
| 15) Acrylonitrile            | 5.545 | 53  | 156714 | 105.768 | ug/l | 98   |
| 16) Acetone                  | 4.287 | 43  | 133511 | 103.644 | ug/l | 95   |
| 17) Carbon Disulfide         | 4.534 | 76  | 69725  | 16.190  | ug/l | 99   |
| 18) Methyl Acetate           | 4.857 | 43  | 79722  | 22.116  | ug/l | 90   |
| 19) Methyl tert-butyl Ether  | 5.610 | 73  | 157076 | 21.558  | ug/l | 99   |
| 20) Methylene Chloride       | 5.092 | 84  | 48201  | 19.521  | ug/l | # 88 |
| 21) trans-1,2-Dichloroethene | 5.598 | 96  | 36757  | 17.933  | ug/l | 93   |
| 22) Diisopropyl ether        | 6.492 | 45  | 167206 | 21.034  | ug/l | 97   |
| 23) Vinyl Acetate            | 6.428 | 43  | 712275 | 106.686 | ug/l | # 92 |
| 24) 1,1-Dichloroethane       | 6.392 | 63  | 87457  | 19.668  | ug/l | 98   |
| 25) 2-Butanone               | 7.328 | 43  | 213651 | 104.144 | ug/l | 89   |
| 26) 2,2-Dichloropropane      | 7.322 | 77  | 68507  | 19.723  | ug/l | 95   |
| 27) cis-1,2-Dichloroethene   | 7.322 | 96  | 48060  | 19.234  | ug/l | 91   |
| 28) Bromochloromethane       | 7.657 | 49  | 43639  | 21.917  | ug/l | 82   |
| 29) Tetrahydrofuran          | 7.681 | 42  | 142736 | 106.018 | ug/l | # 86 |
| 30) Chloroform               | 7.816 | 83  | 87863  | 19.680  | ug/l | 97   |
| 31) Cyclohexane              | 8.092 | 56  | 64137  | 16.066  | ug/l | 96   |
| 32) 1,1,1-Trichloroethane    | 8.010 | 97  | 71426  | 18.799  | ug/l | 98   |
| 36) 1,1-Dichloropropene      | 8.216 | 75  | 55037  | 17.441  | ug/l | 97   |
| 37) Ethyl Acetate            | 7.404 | 43  | 87430  | 20.863  | ug/l | 97   |
| 38) Carbon Tetrachloride     | 8.204 | 117 | 59115  | 17.491  | ug/l | 92   |
| 39) Methylcyclohexane        | 9.457 | 83  | 58639  | 16.615  | ug/l | 93   |
| 40) Benzene                  | 8.457 | 78  | 180505 | 18.441  | ug/l | 98   |

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 ALS Vial : 7 Sample Multiplier: 1

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 MSVOA\_N  
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 Quant Title : SW846 8260  
 QLast Update : Tue Apr 26 18:50:11 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.628  | 41   | 44881    | 21.170  | ug/l # | 86       |
| 42) 1,2-Dichloroethane        | 8.522  | 62   | 78579    | 20.970  | ug/l   | 96       |
| 43) Isopropyl Acetate         | 8.557  | 43   | 128883   | 20.075  | ug/l   | 95       |
| 44) Trichloroethene           | 9.210  | 130  | 42332    | 18.592  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.486  | 63   | 50173    | 18.970  | ug/l   | 97       |
| 46) Dibromomethane            | 9.575  | 93   | 34266    | 20.681  | ug/l   | 94       |
| 47) Bromodichloromethane      | 9.757  | 83   | 71184    | 20.476  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.551  | 41   | 61819    | 22.332  | ug/l   | 88       |
| 49) 1,4-Dioxane               | 9.569  | 88   | 22205    | 456.644 | ug/l # | 91       |
| 51) 4-Methyl-2-Pentanone      | 10.327 | 43   | 434180   | 109.806 | ug/l   | 91       |
| 52) Toluene                   | 10.498 | 92   | 112292   | 19.190  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.716 | 75   | 72120    | 20.637  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 10.180 | 75   | 78292    | 20.715  | ug/l   | 92       |
| 55) 1,1,2-Trichloroethane     | 10.892 | 97   | 51042    | 20.804  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.757 | 69   | 76713    | 19.374  | ug/l # | 86       |
| 57) 1,3-Dichloropropane       | 11.039 | 76   | 91152    | 21.172  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.039 | 63   | 95550    | 94.525  | ug/l   | 92       |
| 59) 2-Hexanone                | 11.080 | 43   | 299853   | 107.634 | ug/l   | 91       |
| 60) Dibromochloromethane      | 11.233 | 129  | 54534    | 21.737  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.345 | 107  | 51123    | 21.187  | ug/l   | 95       |
| 64) Tetrachloroethene         | 10.974 | 164  | 36493    | 19.637  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.769 | 112  | 119526   | 19.161  | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane | 11.833 | 131  | 47312    | 20.129  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.839 | 91   | 206983   | 19.027  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.951 | 106  | 157265   | 38.931  | ug/l   | 94       |
| 69) o-Xylene                  | 12.274 | 106  | 78298    | 19.993  | ug/l   | 95       |
| 70) Styrene                   | 12.292 | 104  | 126961   | 20.582  | ug/l   | 98       |
| 71) Bromoform                 | 12.451 | 173  | 37463    | 21.430  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.574 | 105  | 200518   | 17.831  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.386 | 43   | 80040    | 18.998  | ug/l   | 91       |
| 75) 1,1,2,2-Tetrachloroethane | 12.821 | 83   | 77017    | 19.658  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.874 | 75   | 93586    | 32.678  | ug/l   | 50       |
| 77) Bromobenzene              | 12.857 | 156  | 47254    | 17.769  | ug/l   | 82       |
| 78) n-propylbenzene           | 12.915 | 91   | 219198   | 17.693  | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 13.004 | 91   | 142788   | 17.547  | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene    | 13.057 | 105  | 167390   | 17.873  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.621 | 75   | 21321    | 19.362  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 13.098 | 91   | 135129   | 17.839  | ug/l   | 96       |
| 83) tert-Butylbenzene         | 13.321 | 119  | 145331   | 17.674  | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene    | 13.363 | 105  | 165242   | 18.236  | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.498 | 105  | 198169   | 18.485  | ug/l   | 96       |
| 86) p-Isopropyltoluene        | 13.610 | 119  | 154723   | 18.512  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 13.610 | 146  | 83869    | 19.485  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.692 | 146  | 82794    | 19.780  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.939 | 91   | 113052   | 17.659  | ug/l   | 96       |
| 90) Hexachloroethane          | 14.204 | 117  | 29715    | 16.378  | ug/l   | 87       |
| 91) 1,2-Dichlorobenzene       | 13.980 | 146  | 85104    | 20.061  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.598 | 75   | 13923    | 17.901  | ug/l   | 87       |
| 93) 1,2,4-Trichlorobenzene    | 15.257 | 180  | 31269    | 17.592  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.362 | 225  | 20204    | 17.773  | ug/l   | 98       |
| 95) Naphthalene               | 15.504 | 128  | 91935    | 17.041  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.692 | 180  | 32820    | 18.567  | ug/l   | 98       |

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Quant Title : SW846 8260  
QLast Update : Tue Apr 26 18:50:11 2022  
Response via : Initial Calibration

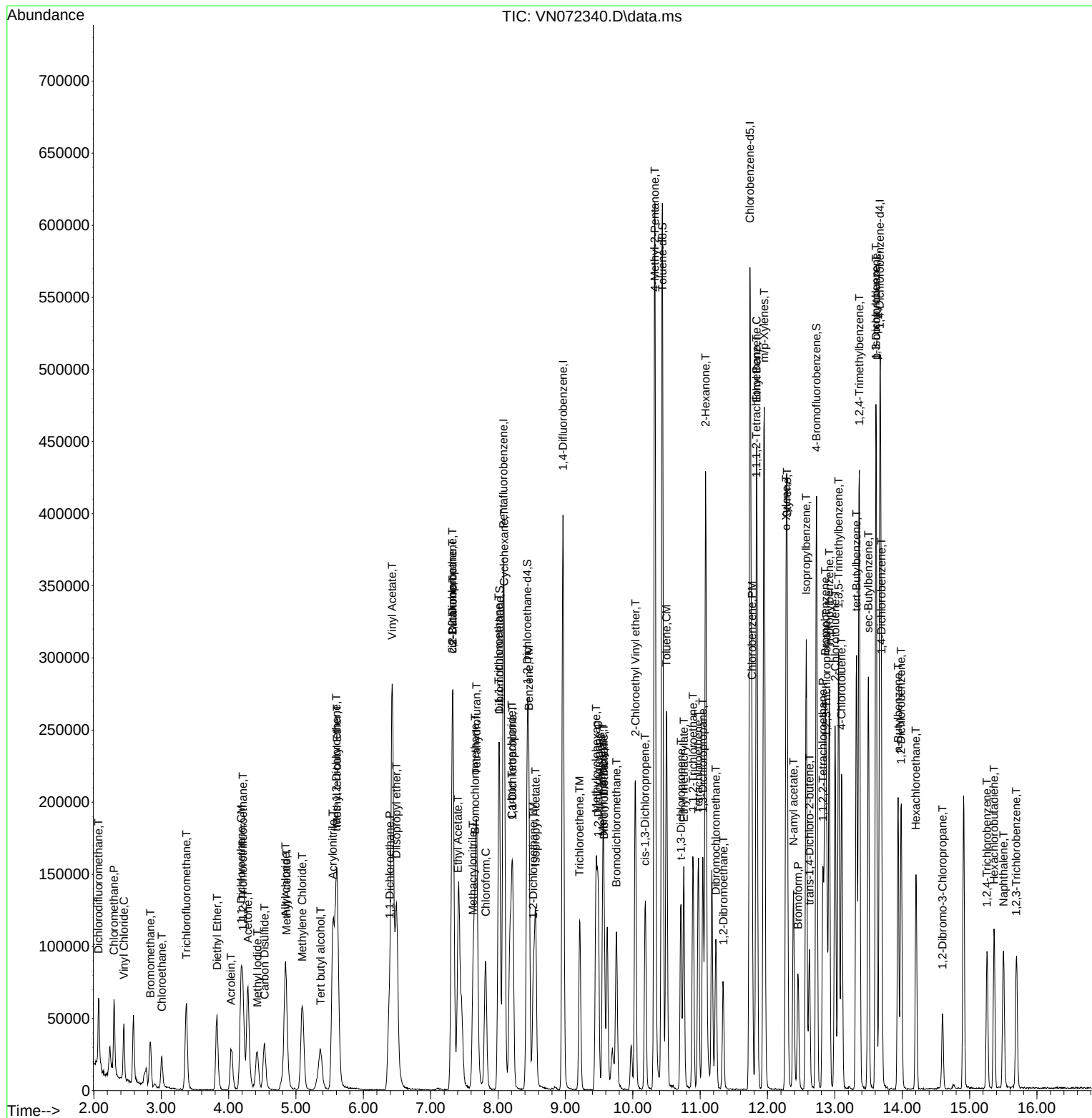
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

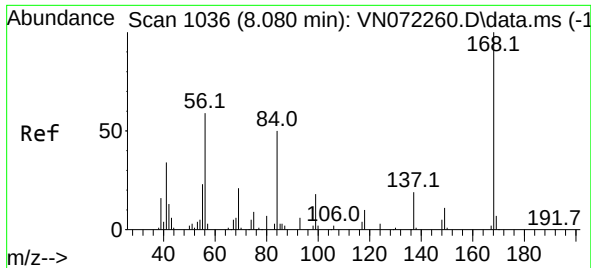
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 QLast Update : Tue Apr 26 18:50:11 2022  
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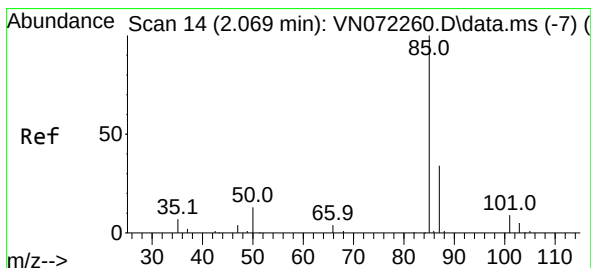
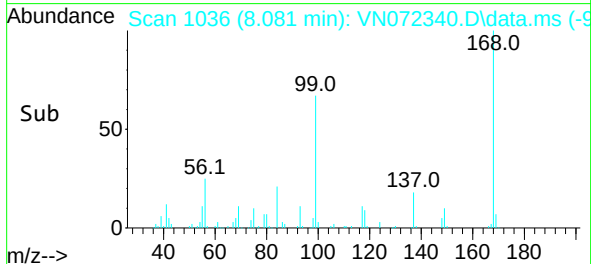
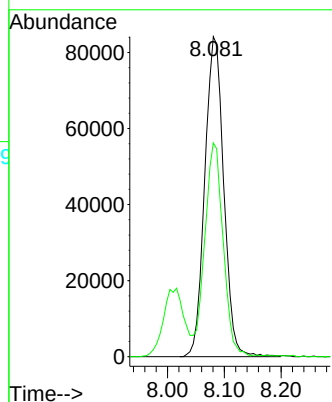
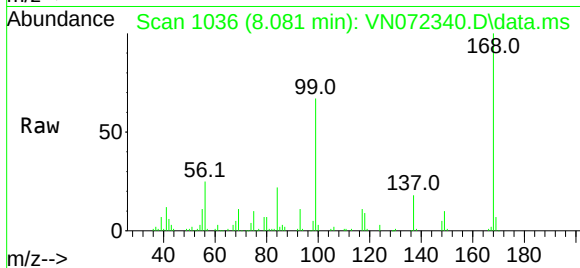




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.081 min Scan# 1036  
Delta R.T. -0.000 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

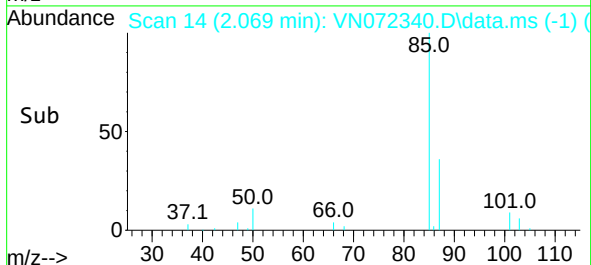
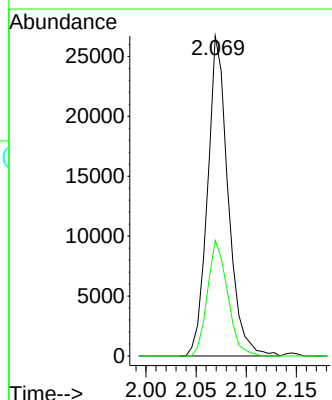
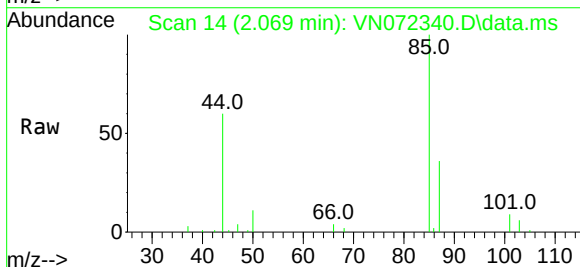
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505MBS01

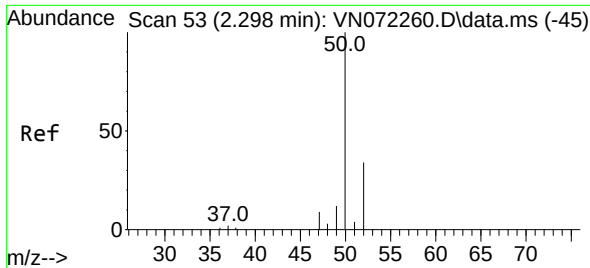
Tgt Ion:168 Resp: 194618  
Ion Ratio Lower Upper  
168 100  
99 66.5 42.3 63.5#



#2  
Dichlorodifluoromethane  
Concen: 17.433 ug/l  
RT: 2.069 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

Tgt Ion: 85 Resp: 38269  
Ion Ratio Lower Upper  
85 100  
87 36.1 15.7 47.1

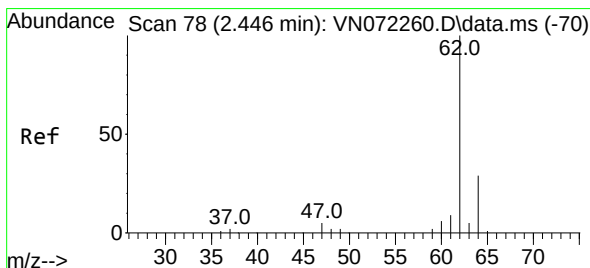
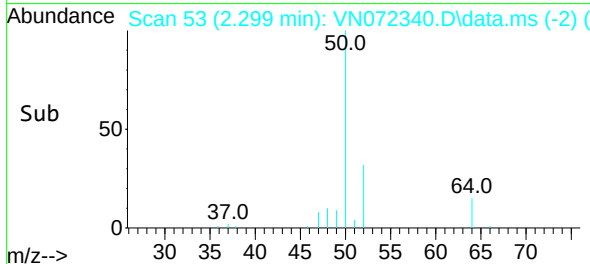
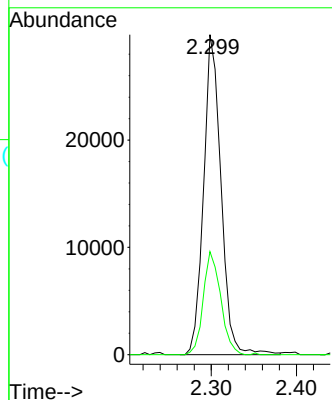
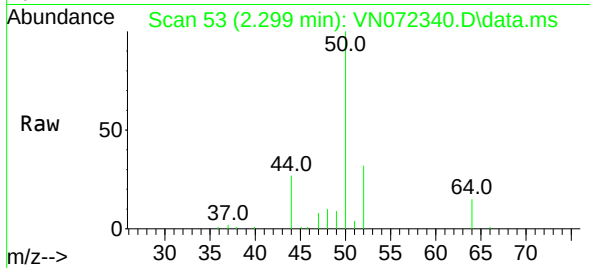




#3  
Chloromethane  
Concen: 16.766 ug/l  
RT: 2.299 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

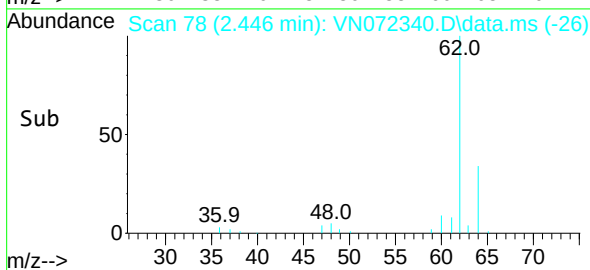
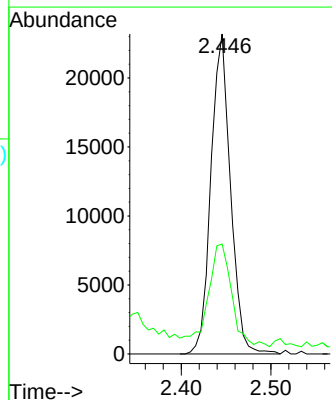
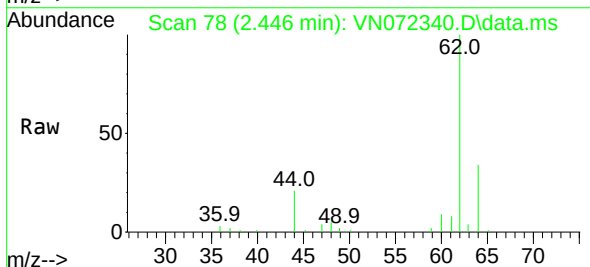
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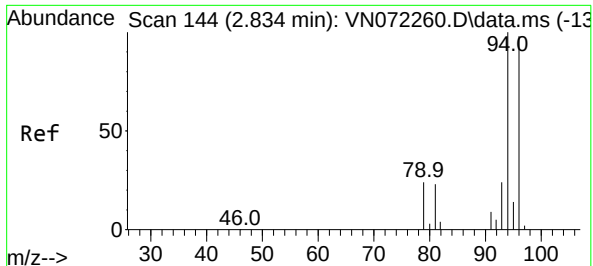
Tgt Ion: 50 Resp: 42355  
Ion Ratio Lower Upper  
50 100  
52 32.2 25.7 38.5



#4  
Vinyl Chloride  
Concen: 15.997 ug/l  
RT: 2.446 min Scan# 78  
Delta R.T. 0.006 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

Tgt Ion: 62 Resp: 35047  
Ion Ratio Lower Upper  
62 100  
64 29.5 25.0 37.4

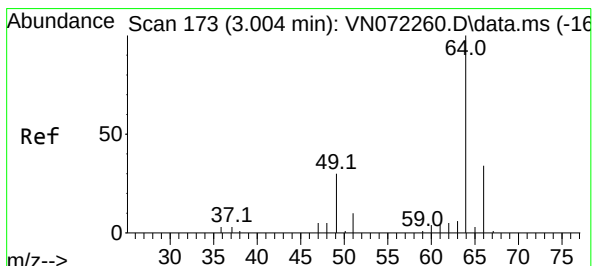
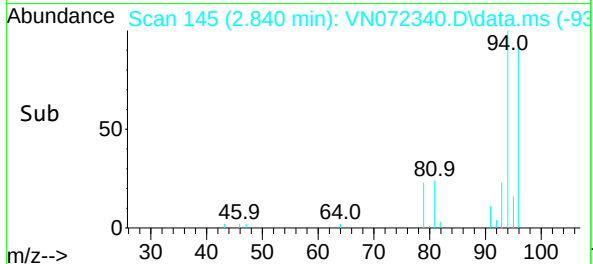
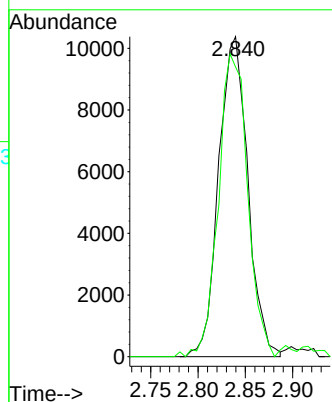
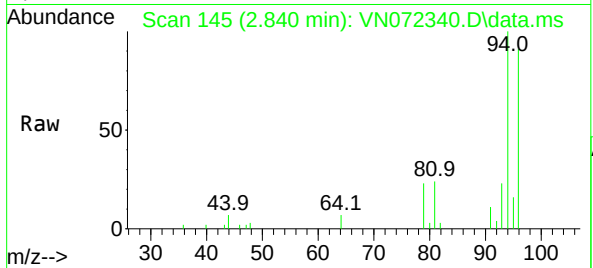




#5  
Bromomethane  
Concen: 19.852 ug/l  
RT: 2.840 min Scan# 144  
Delta R.T. 0.006 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

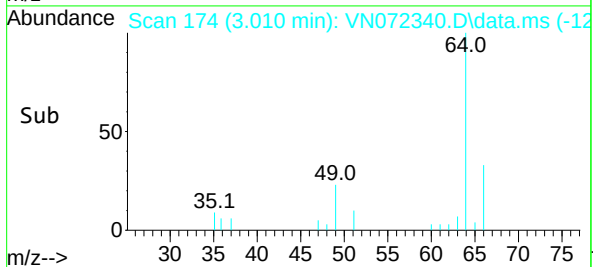
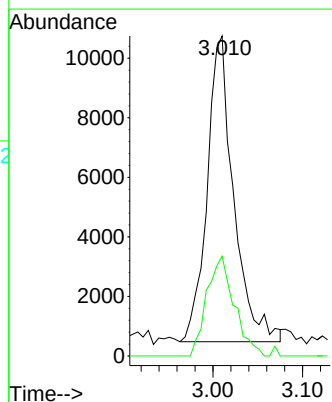
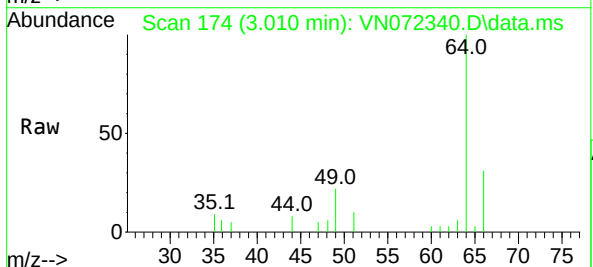
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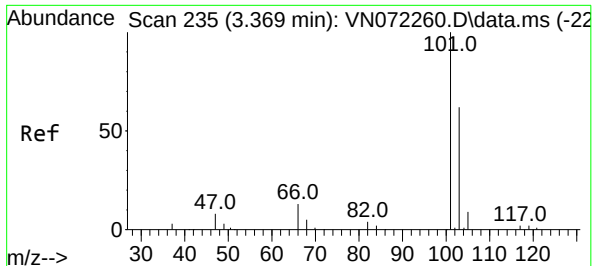
Tgt Ion: 94 Resp: 22237  
Ion Ratio Lower Upper  
94 100  
96 89.0 76.0 114.0



#6  
Chloroethane  
Concen: 15.937 ug/l  
RT: 3.010 min Scan# 174  
Delta R.T. 0.005 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

Tgt Ion: 64 Resp: 21134  
Ion Ratio Lower Upper  
64 100  
66 32.6 26.2 39.4

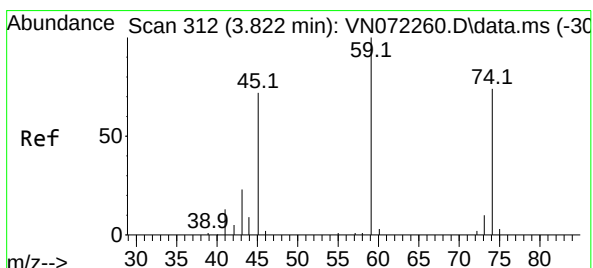
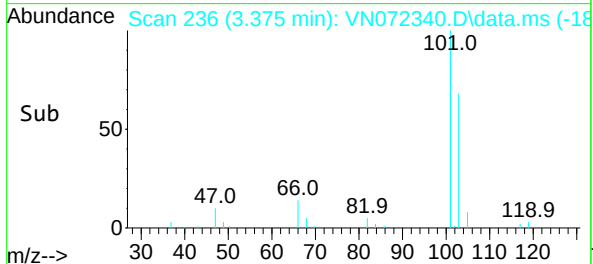
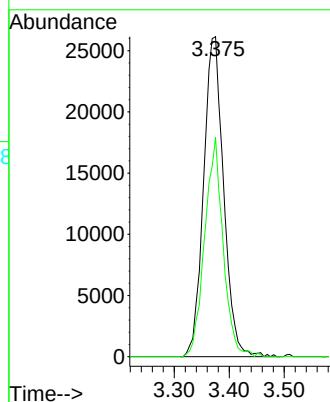
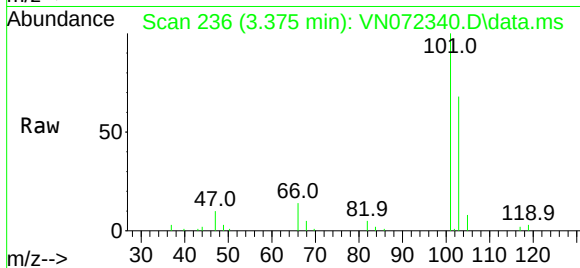




#7  
Trichlorofluoromethane  
Concen: 17.300 ug/l  
RT: 3.375 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

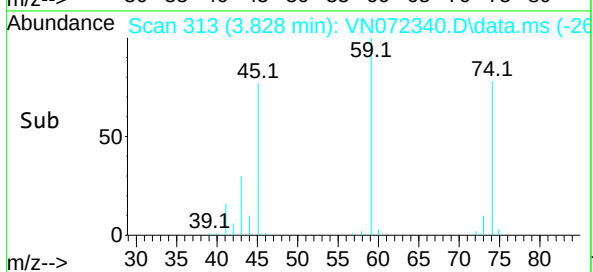
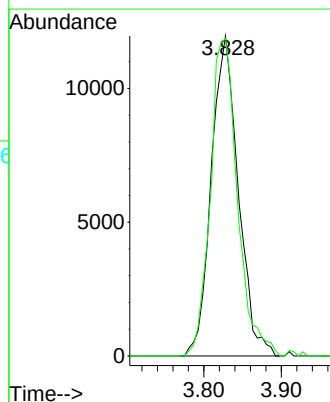
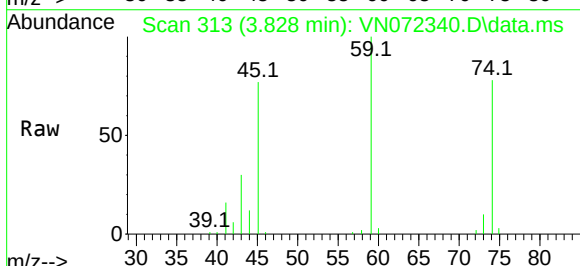
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505MBS01

Tgt Ion:101 Resp: 66217  
Ion Ratio Lower Upper  
101 100  
103 68.5 51.5 77.3

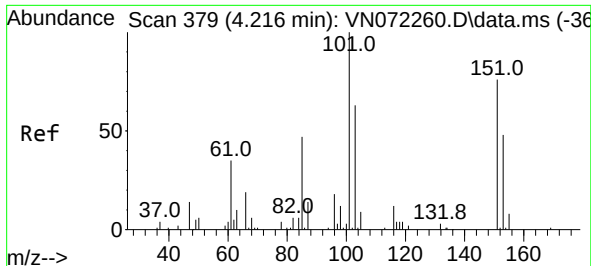


#8  
Diethyl Ether  
Concen: 20.896 ug/l  
RT: 3.828 min Scan# 313  
Delta R.T. 0.006 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

Tgt Ion: 74 Resp: 28961  
Ion Ratio Lower Upper  
74 100  
45 99.6 42.9 128.5



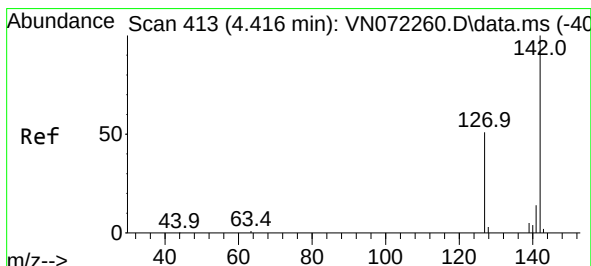
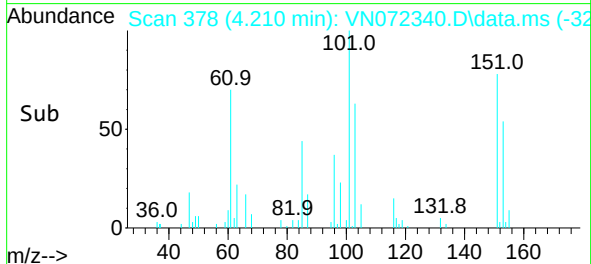
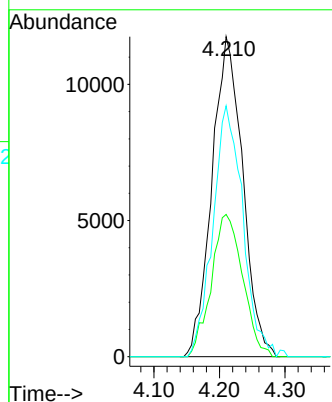
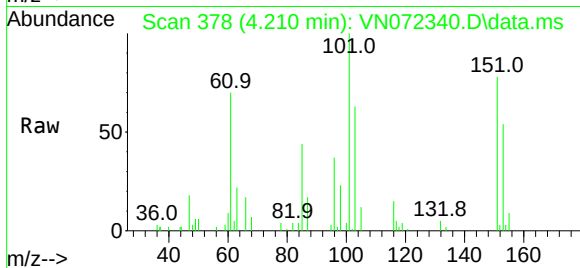




#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 19.035 ug/l  
 RT: 4.210 min Scan# 379  
 Delta R.T. 0.000 min  
 Lab File: VN072340.D  
 Acq: 05 May 2022 13:17

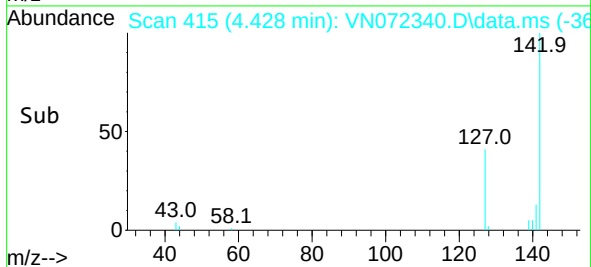
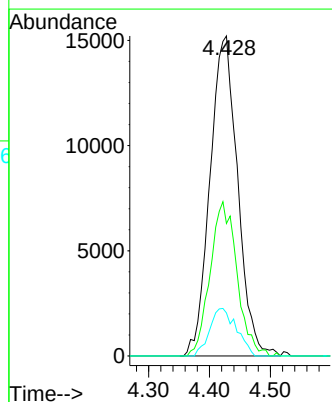
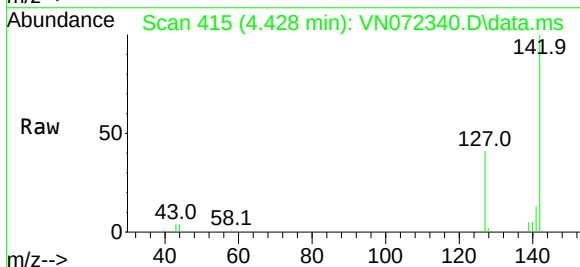
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0505MBS01

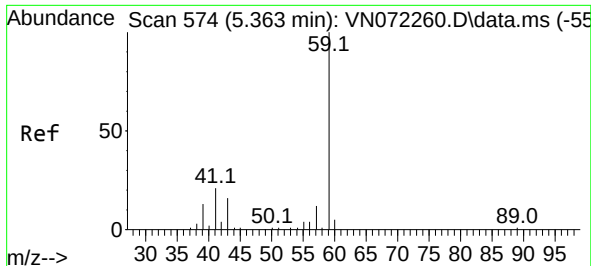
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:101 | Resp: | 38271       |
| Ion         | Ratio | Lower Upper |
| 101         | 100   |             |
| 85          | 45.4  | 34.7 52.1   |
| 151         | 76.5  | 63.0 94.4   |



#10  
 Methyl Iodide  
 Concen: 19.667 ug/l  
 RT: 4.428 min Scan# 415  
 Delta R.T. 0.006 min  
 Lab File: VN072340.D  
 Acq: 05 May 2022 13:17

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:142 | Resp: | 47997       |
| Ion         | Ratio | Lower Upper |
| 142         | 100   |             |
| 127         | 46.7  | 31.3 46.9   |
| 141         | 14.4  | 11.2 16.8   |

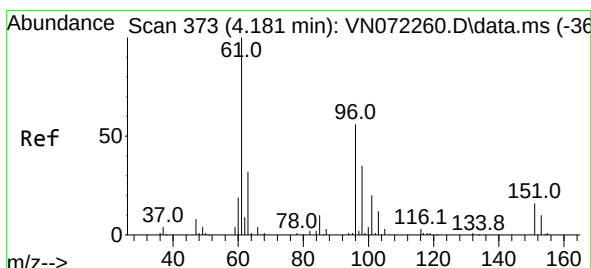
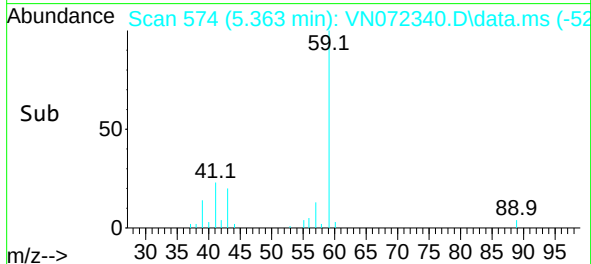
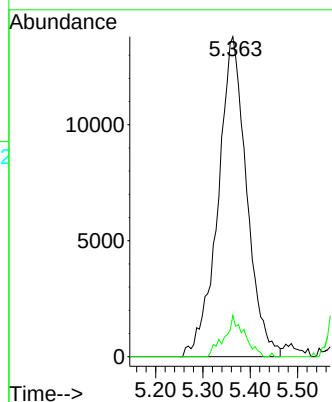
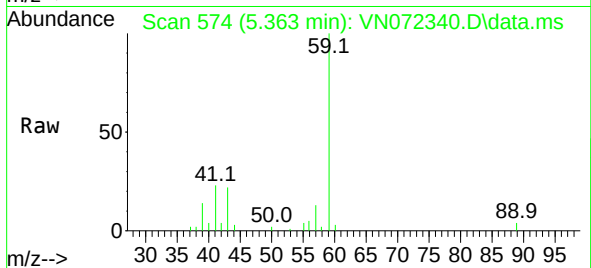




#11  
Tert butyl alcohol  
Concen: 118.074 ug/l  
RT: 5.363 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

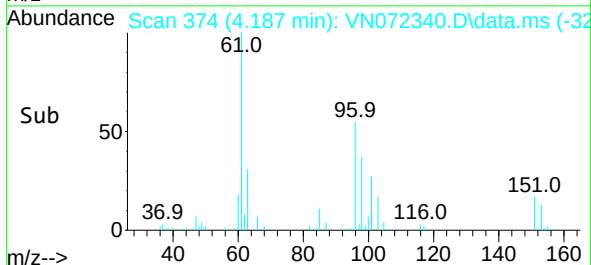
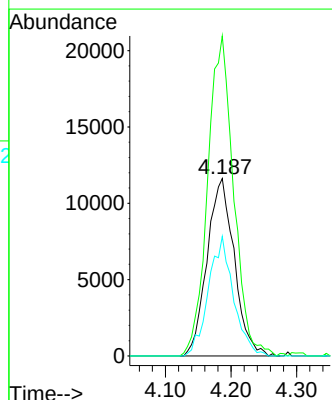
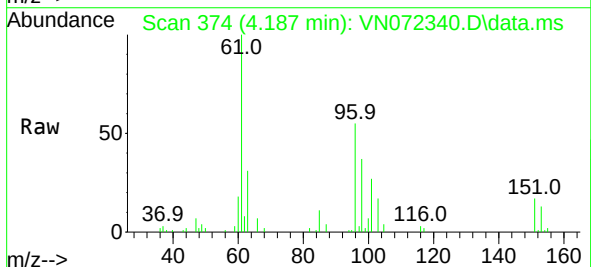
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505MBS01

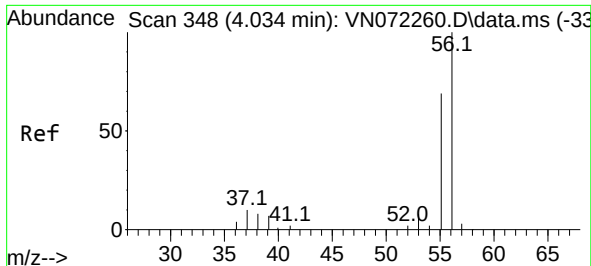
Tgt Ion: 59 Resp: 57975  
Ion Ratio Lower Upper  
59 100  
57 8.9 8.3 12.5



#12  
1,1-Dichloroethene  
Concen: 18.003 ug/l  
RT: 4.187 min Scan# 374  
Delta R.T. 0.006 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

Tgt Ion: 96 Resp: 33463  
Ion Ratio Lower Upper  
96 100  
61 180.3 127.6 191.4  
98 67.4 51.2 76.8

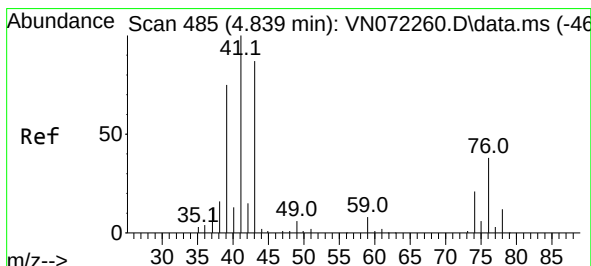
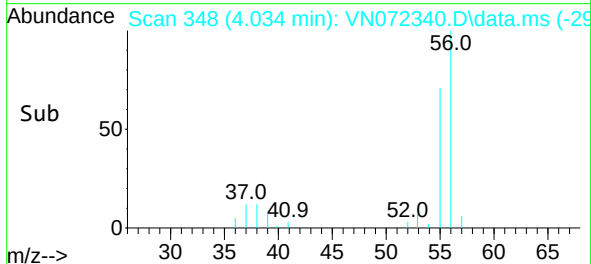
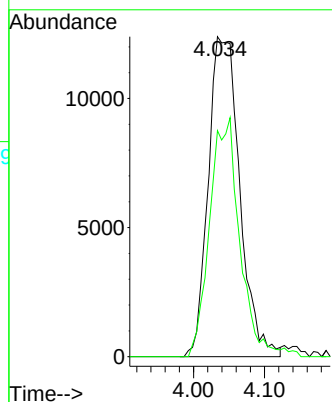
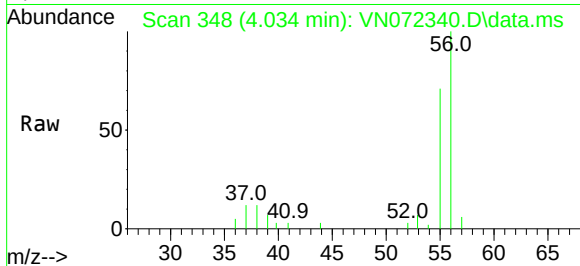




#13  
Acrolein  
Concen: 77.124 ug/l  
RT: 4.034 min Scan# 348  
Delta R.T. -0.006 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

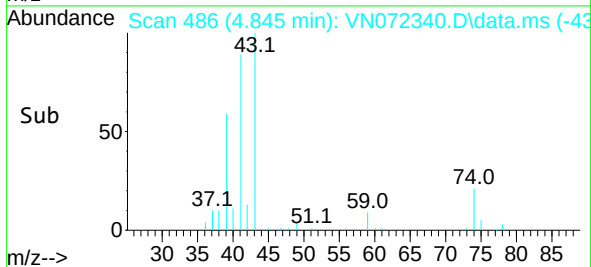
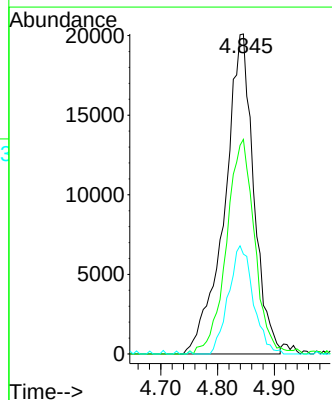
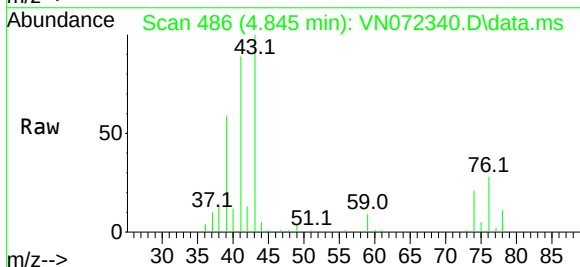
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505MBS01

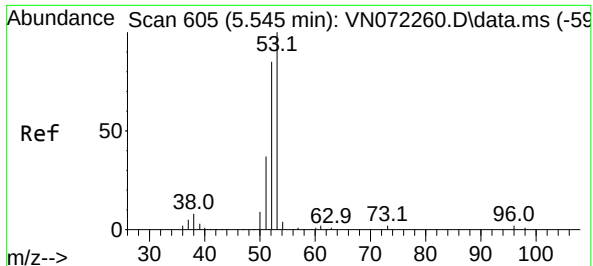
Tgt Ion: 56 Resp: 38109  
Ion Ratio Lower Upper  
56 100  
55 71.3 54.8 82.2



#14  
Allyl chloride  
Concen: 18.539 ug/l  
RT: 4.845 min Scan# 486  
Delta R.T. 0.005 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

Tgt Ion: 41 Resp: 71549  
Ion Ratio Lower Upper  
41 100  
39 64.7 53.2 79.8  
76 28.7 29.9 44.9#

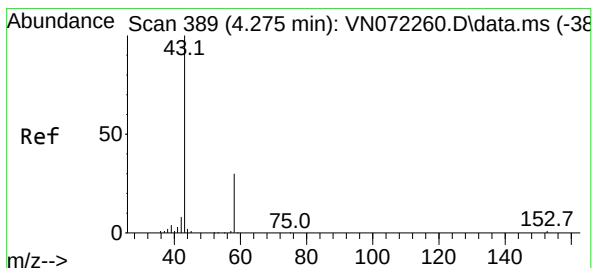
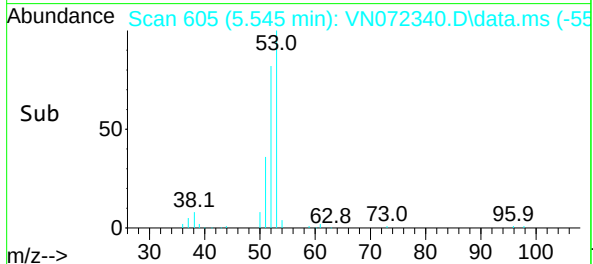
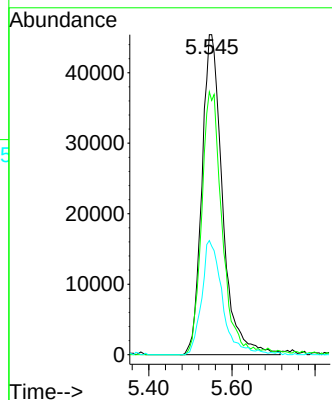
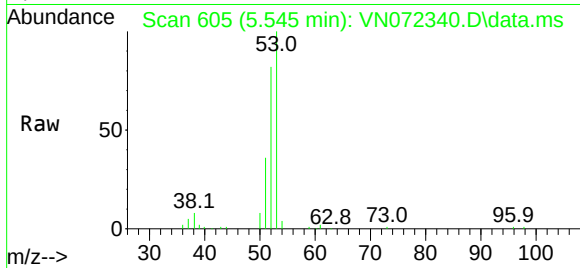




#15  
Acrylonitrile  
Concen: 105.768 ug/l  
RT: 5.545 min Scan# 605  
Delta R.T. -0.001 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

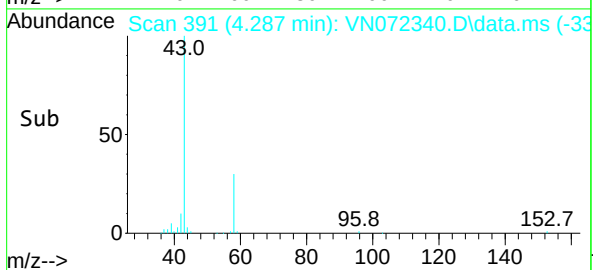
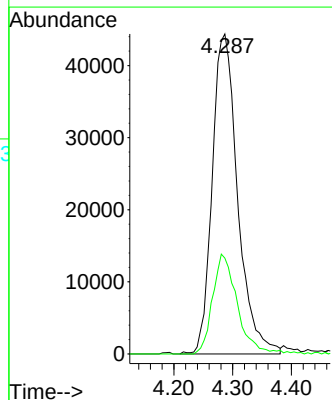
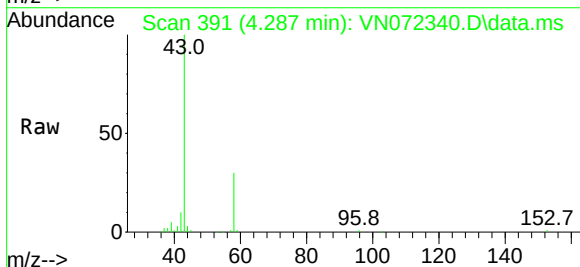
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505MBS01

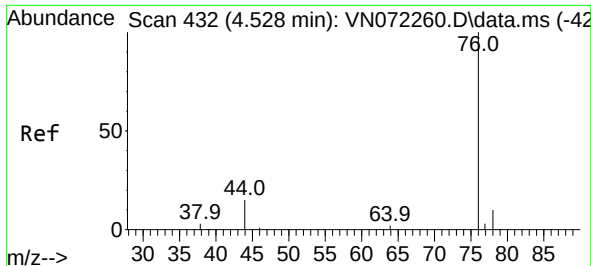
Tgt Ion: 53 Resp: 156714  
Ion Ratio Lower Upper  
53 100  
52 80.8 66.4 99.6  
51 36.0 28.5 42.7



#16  
Acetone  
Concen: 103.644 ug/l  
RT: 4.287 min Scan# 391  
Delta R.T. 0.006 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

Tgt Ion: 43 Resp: 133511  
Ion Ratio Lower Upper  
43 100  
58 30.0 26.0 39.0

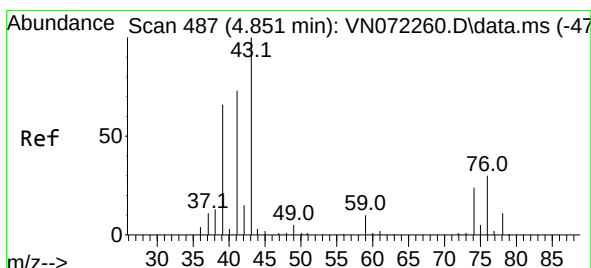
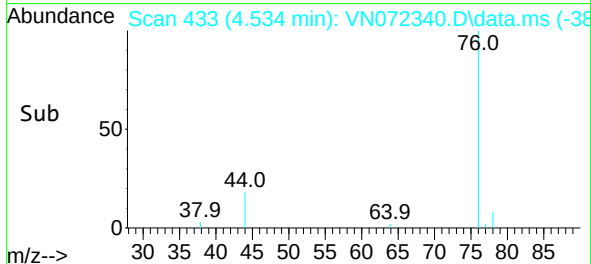
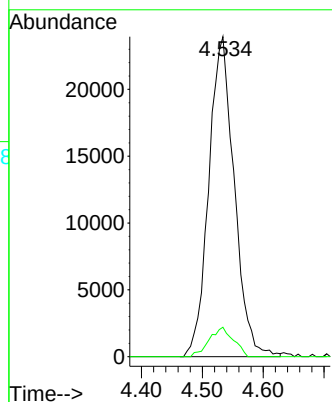
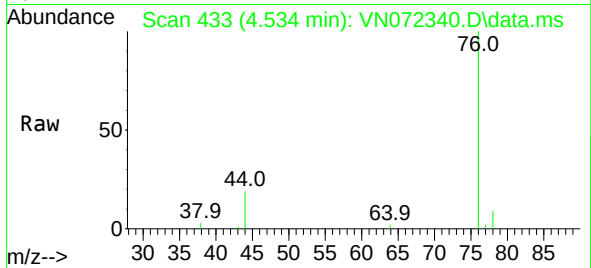




#17  
Carbon Disulfide  
Concen: 16.190 ug/l  
RT: 4.534 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

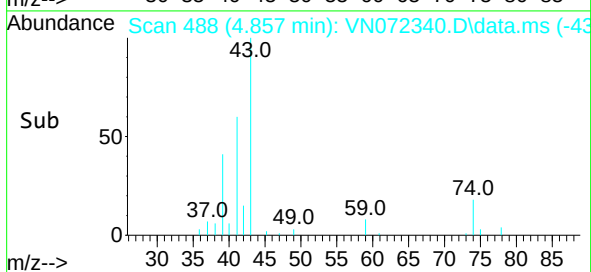
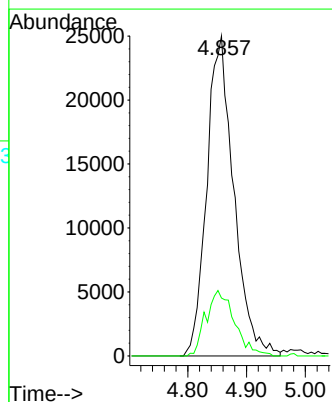
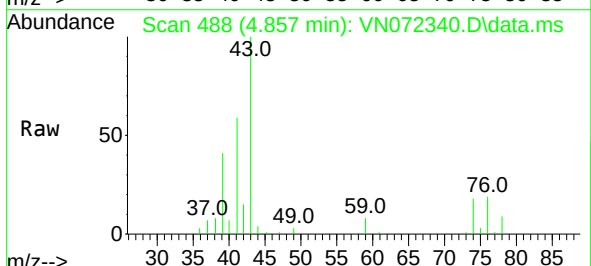
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505MBS01

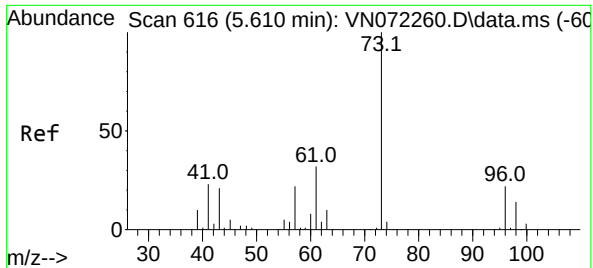
Tgt Ion: 76 Resp: 69725  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.2 10.8



#18  
Methyl Acetate  
Concen: 22.116 ug/l  
RT: 4.857 min Scan# 488  
Delta R.T. 0.006 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

Tgt Ion: 43 Resp: 79722  
Ion Ratio Lower Upper  
43 100  
74 21.8 21.6 32.4

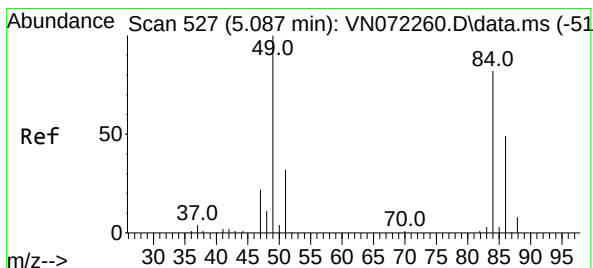
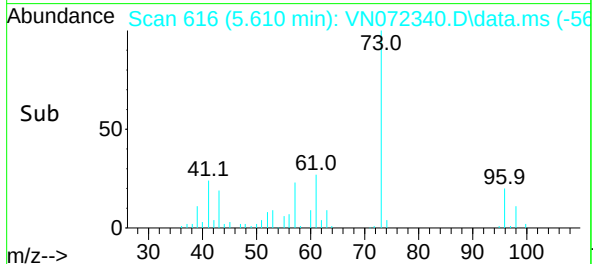
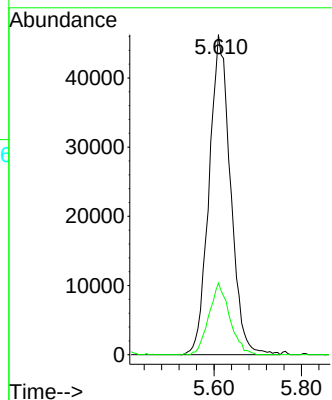
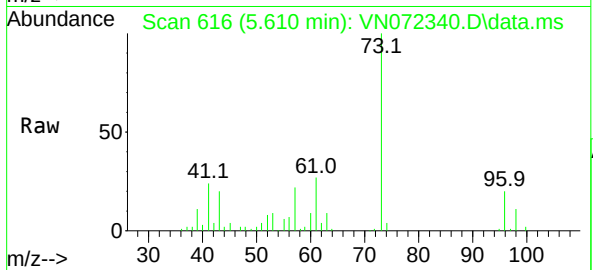




#19  
Methyl tert-butyl Ether  
Concen: 21.558 ug/l  
RT: 5.610 min Scan# 616  
Delta R.T. 0.000 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

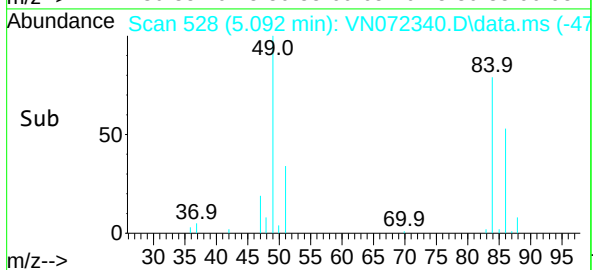
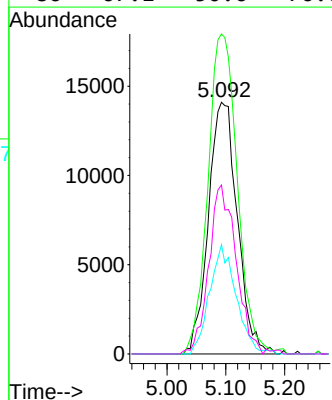
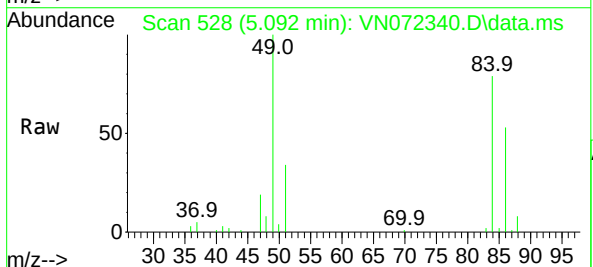
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505MBS01

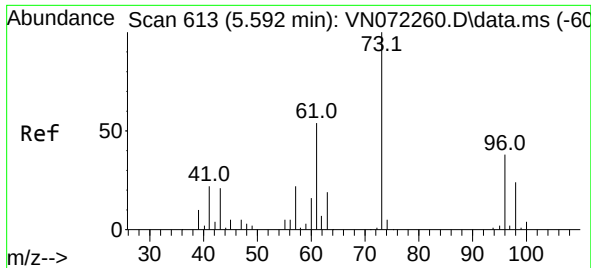
Tgt Ion: 73 Resp: 157076  
Ion Ratio Lower Upper  
73 100  
57 22.4 17.6 26.4



#20  
Methylene Chloride  
Concen: 19.521 ug/l  
RT: 5.092 min Scan# 528  
Delta R.T. 0.005 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

Tgt Ion: 84 Resp: 48201  
Ion Ratio Lower Upper  
84 100  
49 127.1 88.3 132.5  
51 43.5 28.2 42.2#  
86 67.1 50.6 76.0

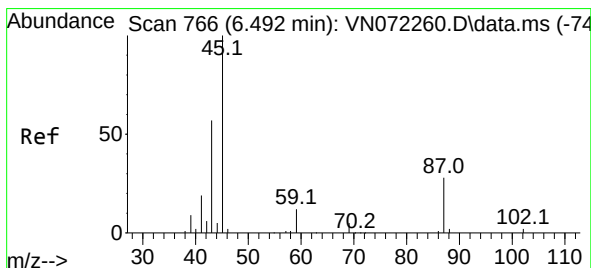
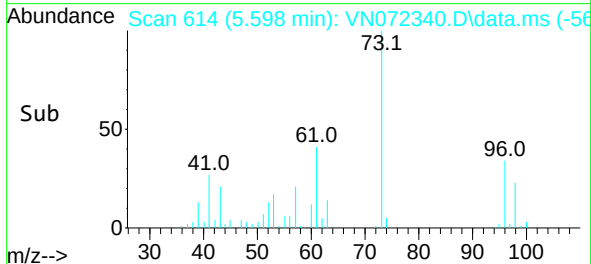
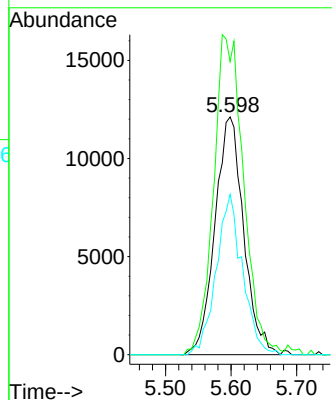
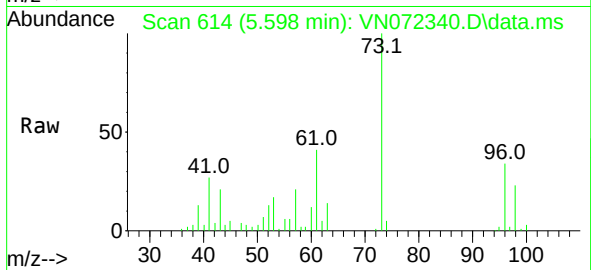




#21  
trans-1,2-Dichloroethene  
Concen: 17.933 ug/l  
RT: 5.598 min Scan# 613  
Delta R.T. 0.000 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

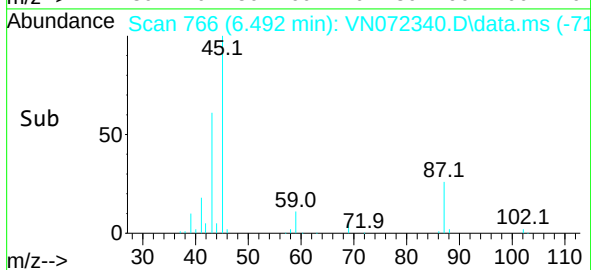
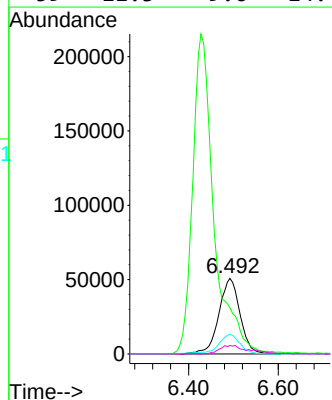
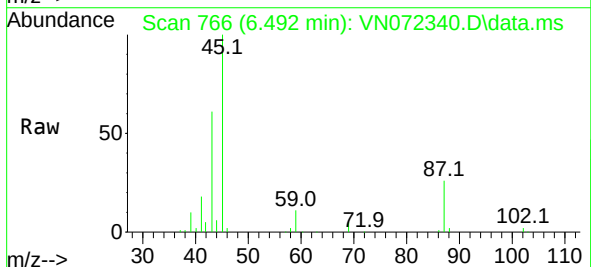
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505MBS01

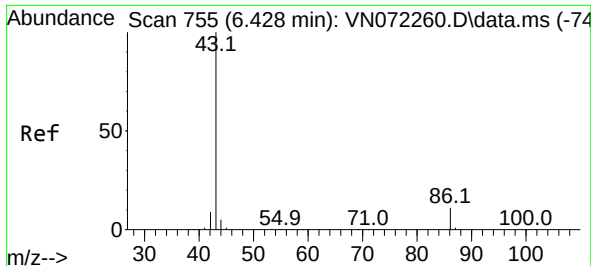
Tgt Ion: 96 Resp: 36757  
Ion Ratio Lower Upper  
96 100  
61 123.3 105.8 158.8  
98 67.4 50.3 75.5



#22  
Diisopropyl ether  
Concen: 21.034 ug/l  
RT: 6.492 min Scan# 766  
Delta R.T. 0.005 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

Tgt Ion: 45 Resp: 167206  
Ion Ratio Lower Upper  
45 100  
43 58.4 46.6 70.0  
87 26.1 24.3 36.5  
59 11.3 9.6 14.4

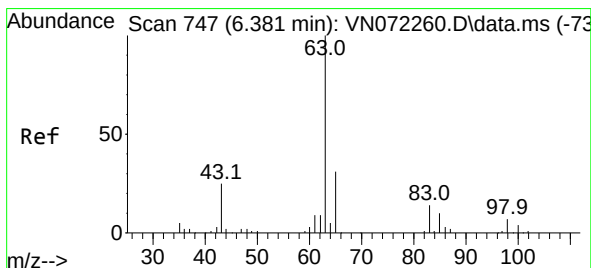
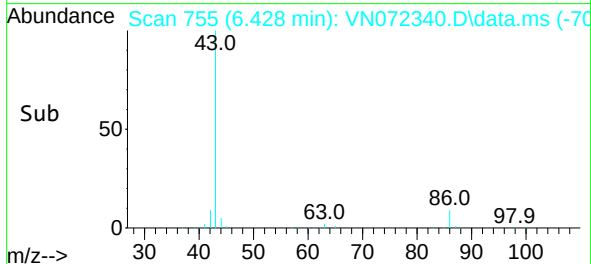
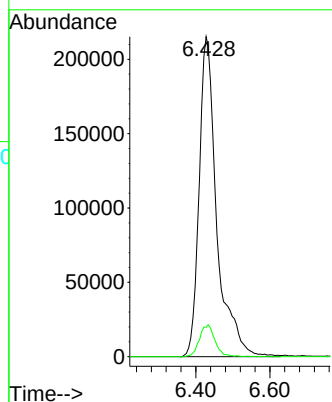
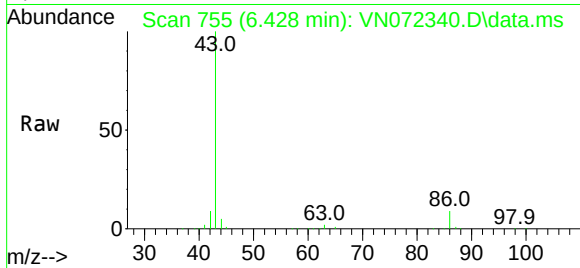




#23  
 Vinyl Acetate  
 Concen: 106.686 ug/l  
 RT: 6.428 min Scan# 712  
 Delta R.T. -0.000 min  
 Lab File: VN072340.D  
 Acq: 05 May 2022 13:17

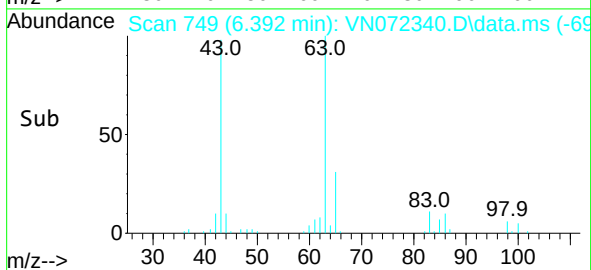
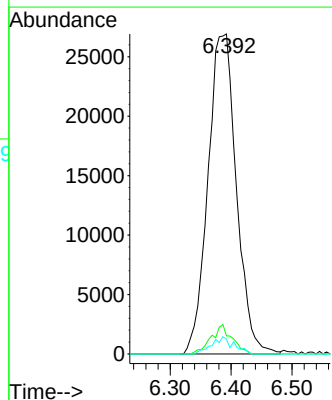
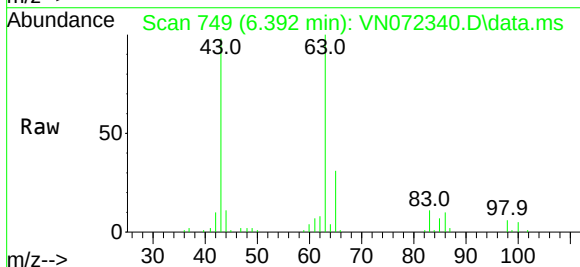
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0505MBS01

Tgt Ion: 43 Resp: 712275  
 Ion Ratio Lower Upper  
 43 100  
 86 9.2 10.0 15.0#

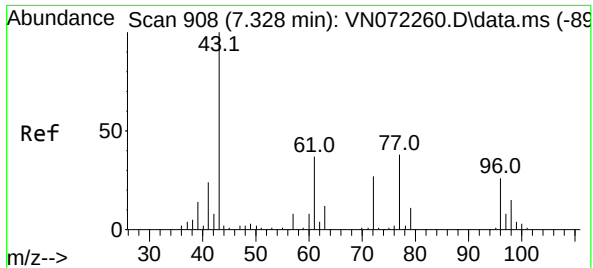


#24  
 1,1-Dichloroethane  
 Concen: 19.668 ug/l  
 RT: 6.392 min Scan# 749  
 Delta R.T. 0.005 min  
 Lab File: VN072340.D  
 Acq: 05 May 2022 13:17

Tgt Ion: 63 Resp: 87457  
 Ion Ratio Lower Upper  
 63 100  
 98 5.7 3.5 10.4  
 100 4.6 2.3 6.8



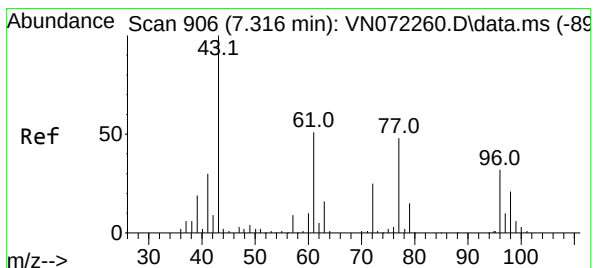
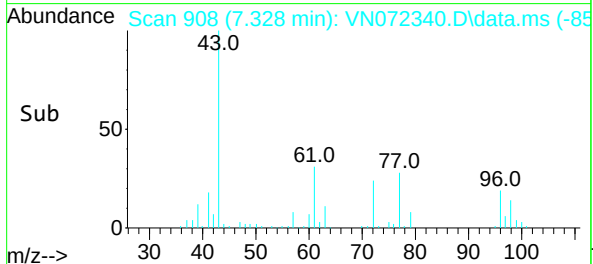
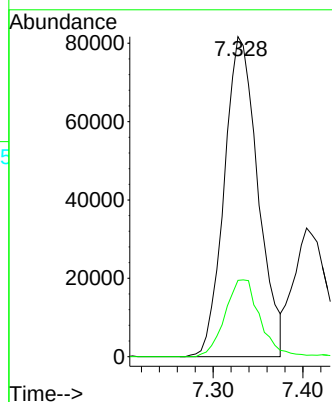
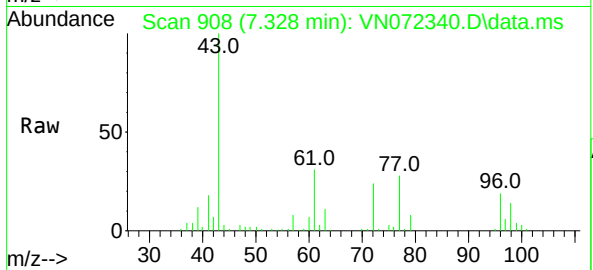




#25  
2-Butanone  
Concen: 104.144 ug/l  
RT: 7.328 min Scan# 908  
Delta R.T. -0.000 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

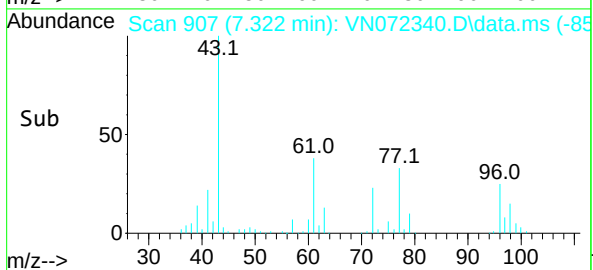
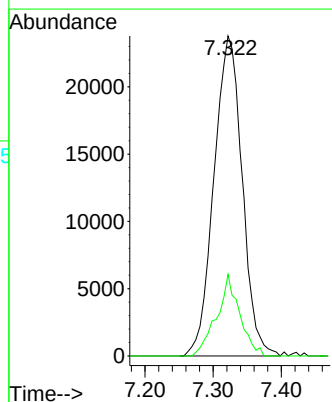
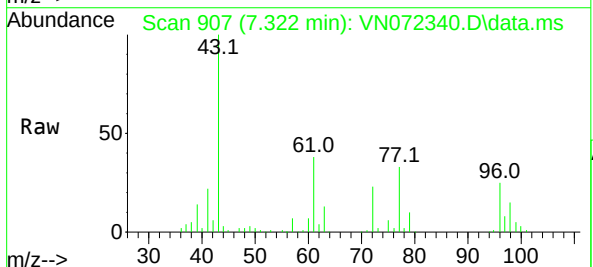
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505MBS01

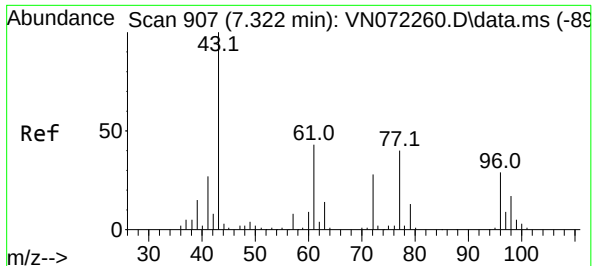
Tgt Ion: 43 Resp: 213651  
Ion Ratio Lower Upper  
43 100  
72 23.8 23.7 35.5



#26  
2,2-Dichloropropane  
Concen: 19.723 ug/l  
RT: 7.322 min Scan# 907  
Delta R.T. -0.000 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

Tgt Ion: 77 Resp: 68507  
Ion Ratio Lower Upper  
77 100  
97 20.6 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 19.234 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN072340.D

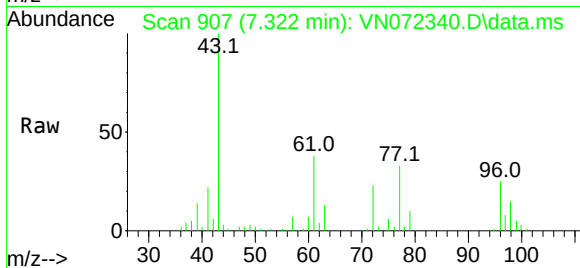
Acq: 05 May 2022 13:17

Instrument :

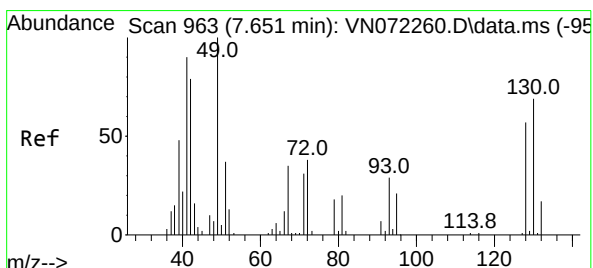
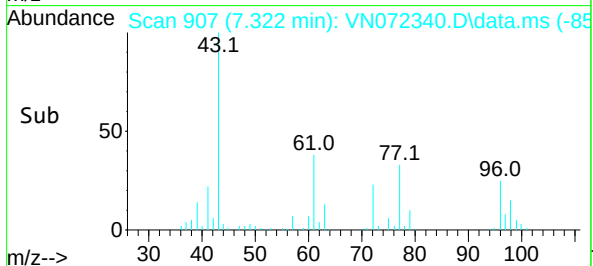
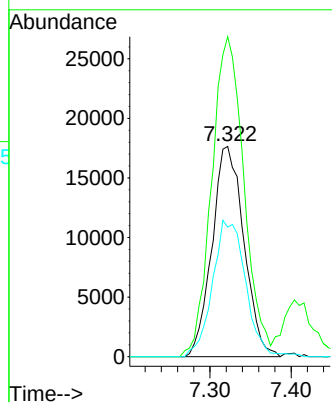
MSVOA\_N

ClientSampleId :

VN0505MBS01



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 48060 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 154.1 | 0.0   | 280.6 |
| 98       | 67.2  | 0.0   | 128.4 |



#28

Bromochloromethane

Concen: 21.917 ug/l

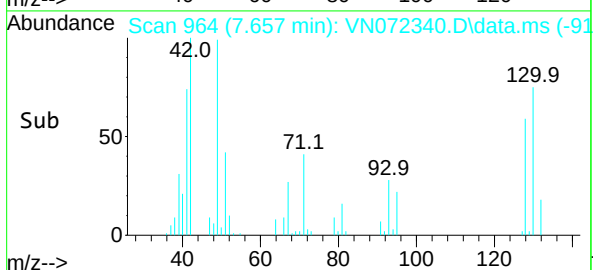
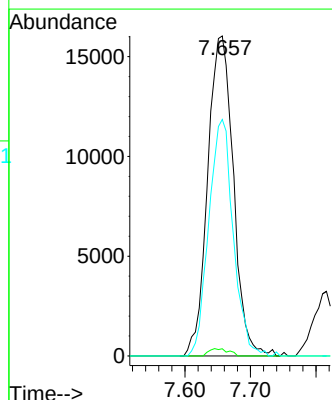
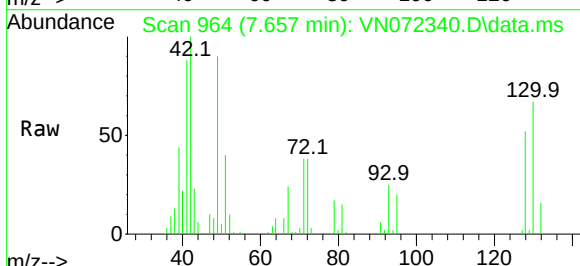
RT: 7.657 min Scan# 964

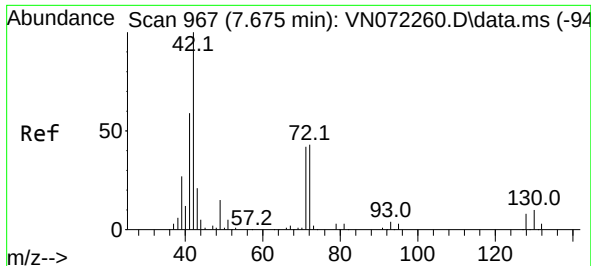
Delta R.T. 0.000 min

Lab File: VN072340.D

Acq: 05 May 2022 13:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 43639 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 1.7   | 0.0   | 4.6   |
| 130      | 70.4  | 69.7  | 104.5 |





#29

Tetrahydrofuran

Concen: 106.018 ug/l

RT: 7.681 min Scan# 90

Delta R.T. -0.000 min

Lab File: VN072340.D

Acq: 05 May 2022 13:17

Instrument :

MSVOA\_N

ClientSampleId :

VN0505MBS01

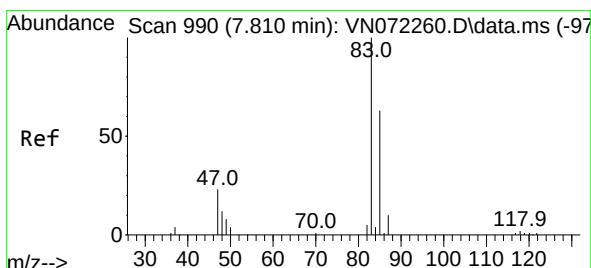
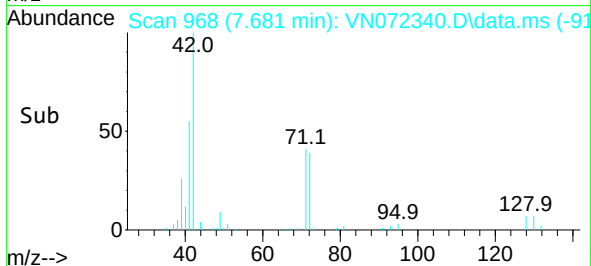
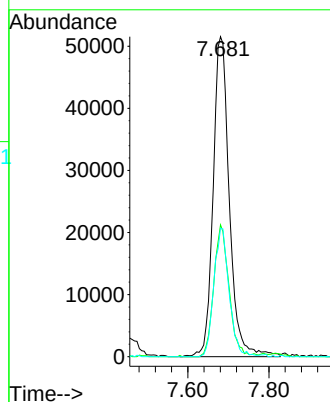
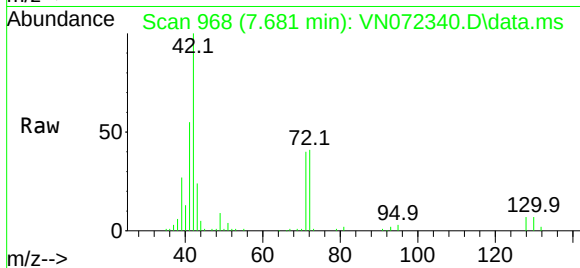
Tgt Ion: 42 Resp: 142736

Ion Ratio Lower Upper

42 100

72 38.5 39.7 59.5#

71 37.7 36.6 55.0



#30

Chloroform

Concen: 19.680 ug/l

RT: 7.816 min Scan# 991

Delta R.T. -0.000 min

Lab File: VN072340.D

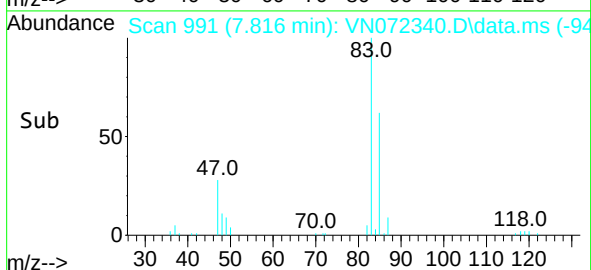
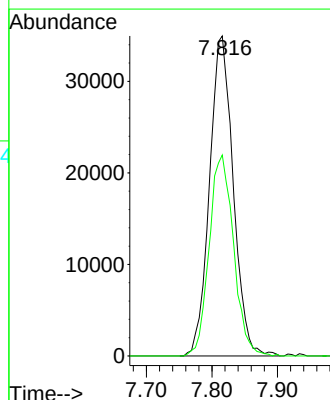
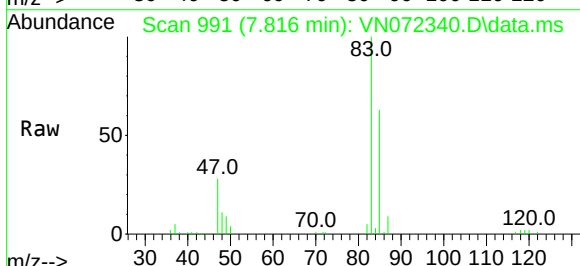
Acq: 05 May 2022 13:17

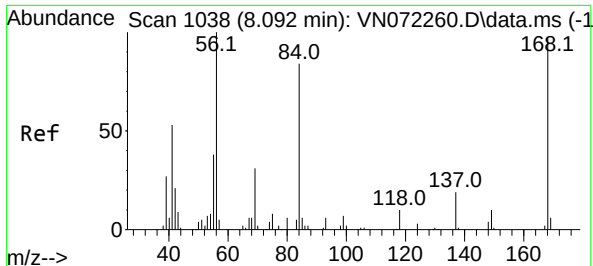
Tgt Ion: 83 Resp: 87863

Ion Ratio Lower Upper

83 100

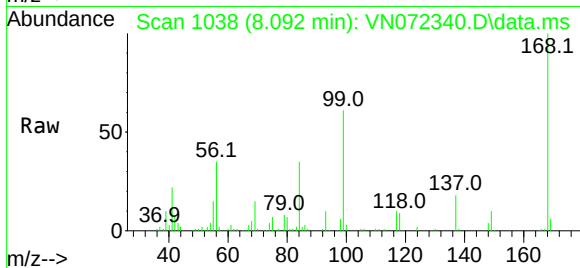
85 62.8 51.8 77.8



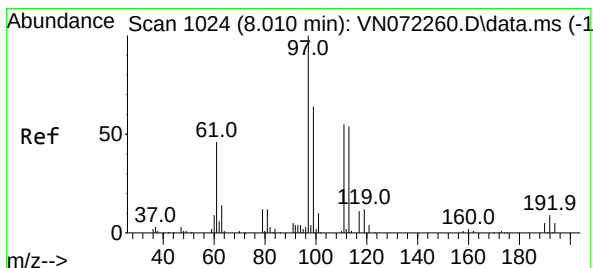
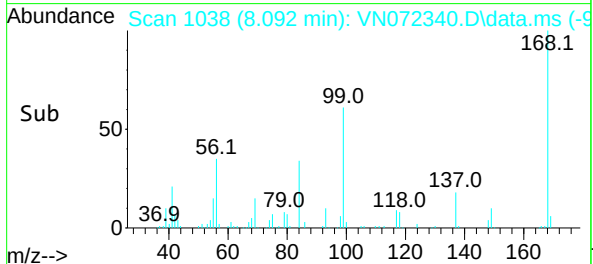
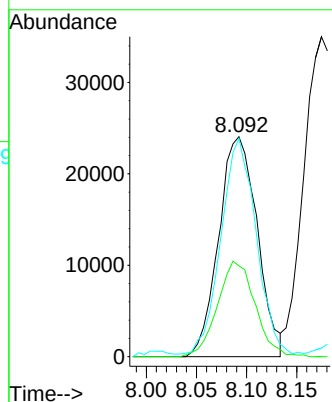


#31  
Cyclohexane  
Concen: 16.066 ug/l  
RT: 8.092 min Scan# 1038  
Delta R.T. 0.000 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505MBS01

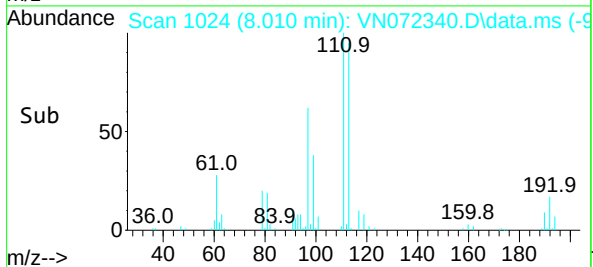
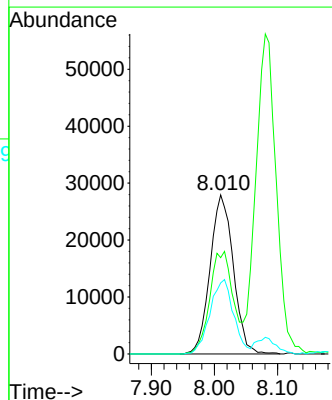
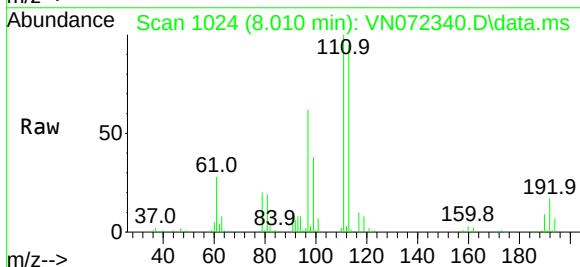


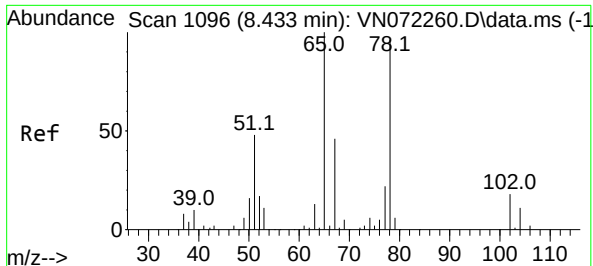
Tgt Ion: 56 Resp: 64137  
Ion Ratio Lower Upper  
56 100  
69 41.3 27.8 41.8  
84 97.9 76.9 115.3



#32  
1,1,1-Trichloroethane  
Concen: 18.799 ug/l  
RT: 8.010 min Scan# 1024  
Delta R.T. -0.000 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

Tgt Ion: 97 Resp: 71426  
Ion Ratio Lower Upper  
97 100  
99 63.3 50.6 76.0  
61 47.5 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 55.370 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072340.D

Acq: 05 May 2022 13:17

Instrument :

MSVOA\_N

ClientSampleId :

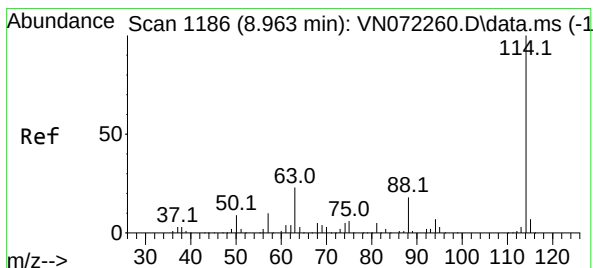
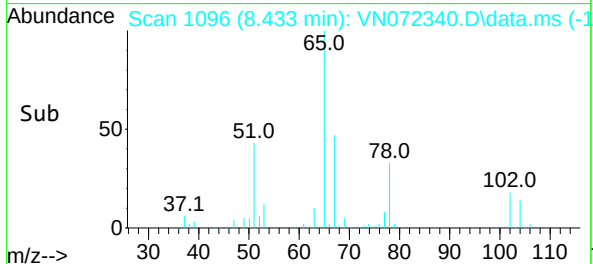
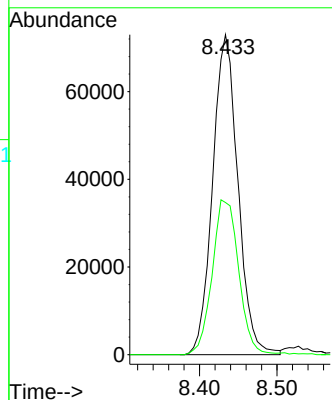
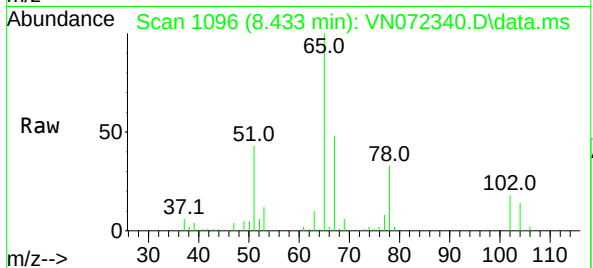
VN0505MBS01

Tgt Ion: 65 Resp: 165435

Ion Ratio Lower Upper

65 100

67 51.0 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072340.D

Acq: 05 May 2022 13:17

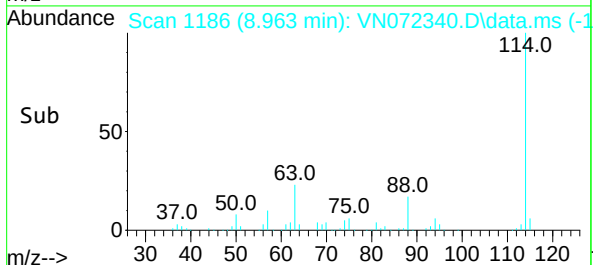
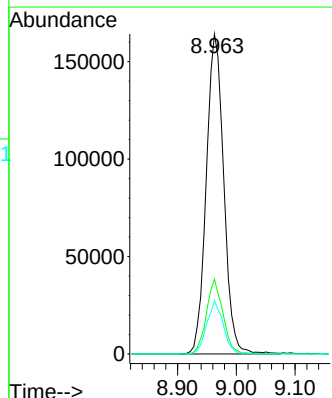
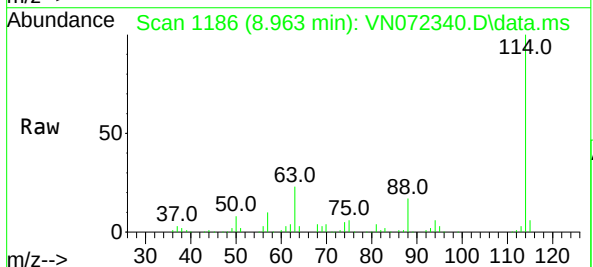
Tgt Ion: 114 Resp: 338713

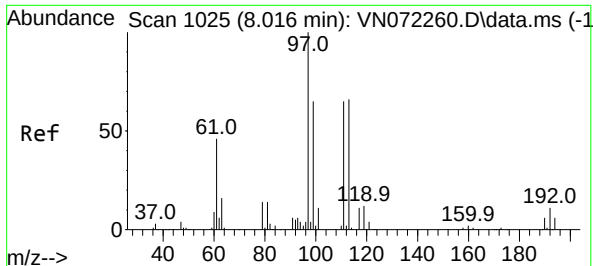
Ion Ratio Lower Upper

114 100

63 23.4 0.0 40.0

88 16.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.404 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN072340.D

Acq: 05 May 2022 13:17

Instrument :

MSVOA\_N

ClientSampleId :

VN0505MBS01

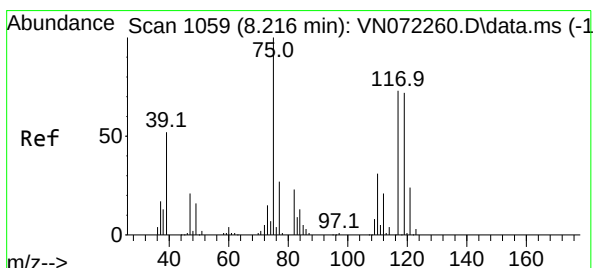
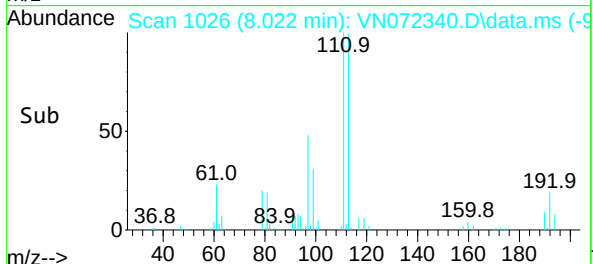
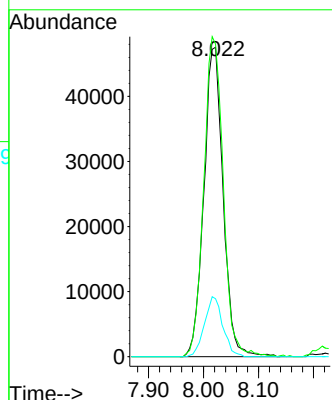
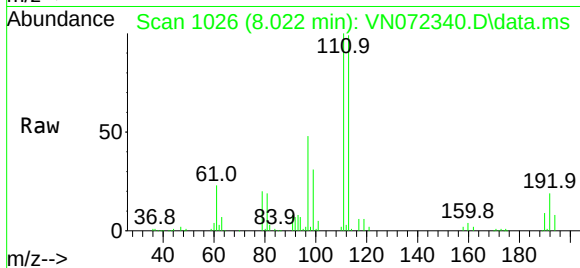
Tgt Ion:113 Resp: 115778

Ion Ratio Lower Upper

113 100

111 104.6 81.4 122.0

192 18.4 17.0 25.6



#36

1,1-Dichloropropene

Concen: 17.441 ug/l

RT: 8.216 min Scan# 1059

Delta R.T. -0.000 min

Lab File: VN072340.D

Acq: 05 May 2022 13:17

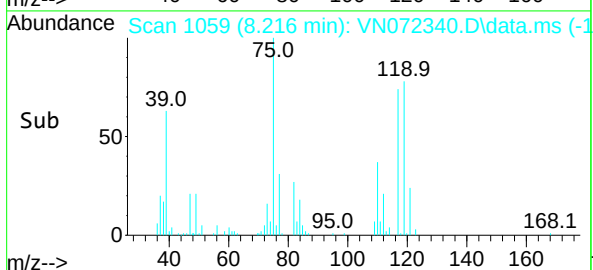
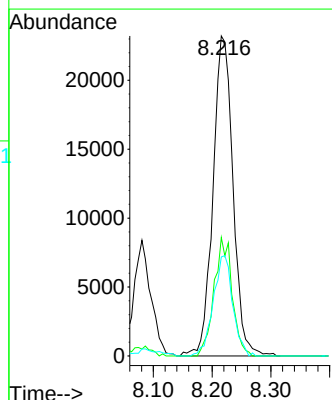
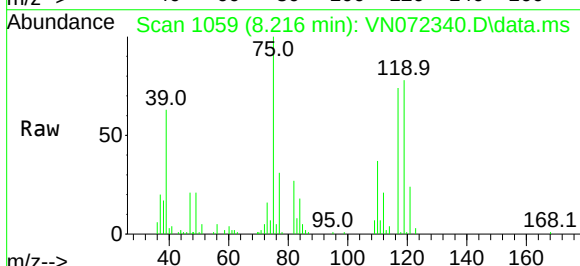
Tgt Ion: 75 Resp: 55037

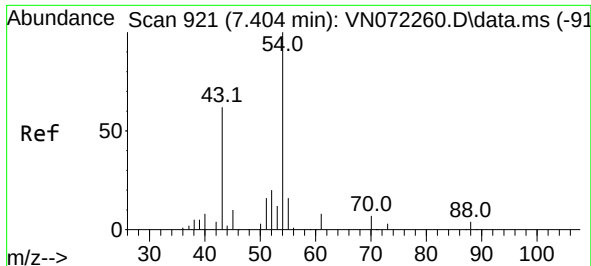
Ion Ratio Lower Upper

75 100

110 33.5 18.3 54.8

77 30.5 25.1 37.7

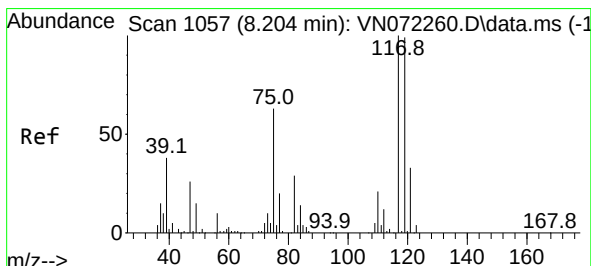
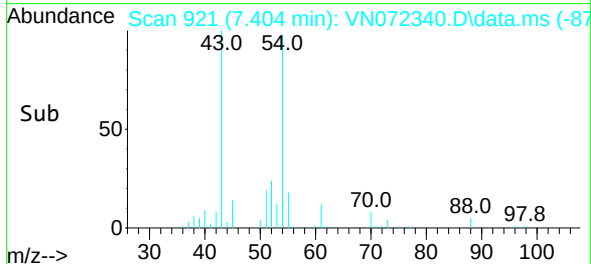
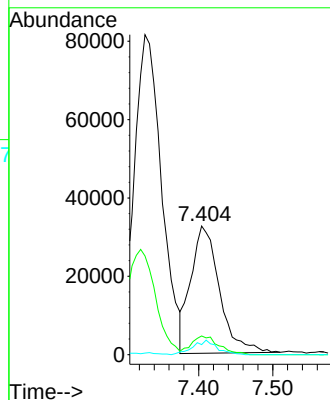
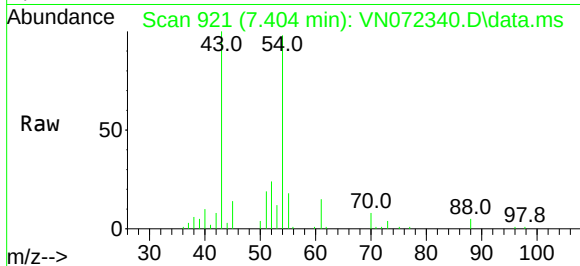




#37  
Ethyl Acetate  
Concen: 20.863 ug/l  
RT: 7.404 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

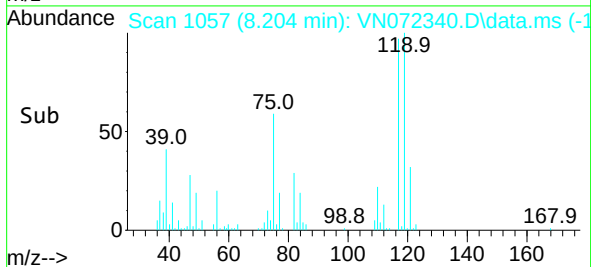
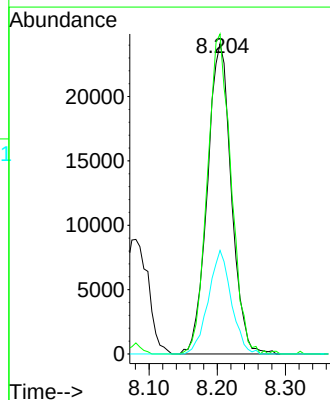
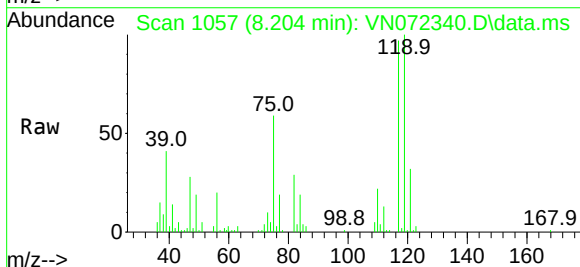
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505MBS01

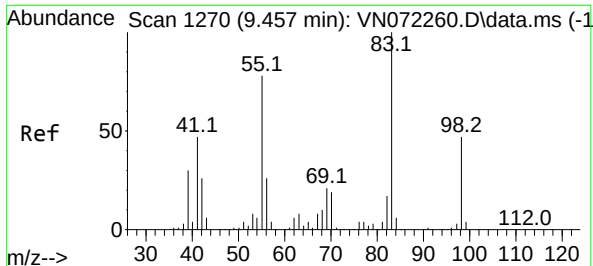
Tgt Ion: 43 Resp: 87430  
Ion Ratio Lower Upper  
43 100  
61 14.1 11.8 17.6  
70 9.5 9.3 13.9



#38  
Carbon Tetrachloride  
Concen: 17.491 ug/l  
RT: 8.204 min Scan# 1057  
Delta R.T. 0.000 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

Tgt Ion: 117 Resp: 59115  
Ion Ratio Lower Upper  
117 100  
119 103.1 75.8 113.8  
121 33.4 24.6 37.0





#39

Methylcyclohexane

Concen: 16.615 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN072340.D

Acq: 05 May 2022 13:17

Instrument :

MSVOA\_N

ClientSampleId :

VN0505MBS01

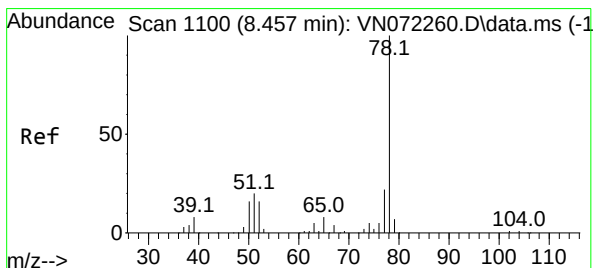
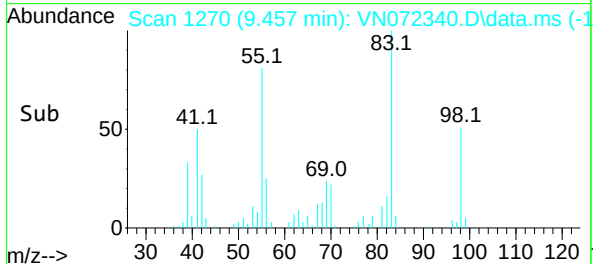
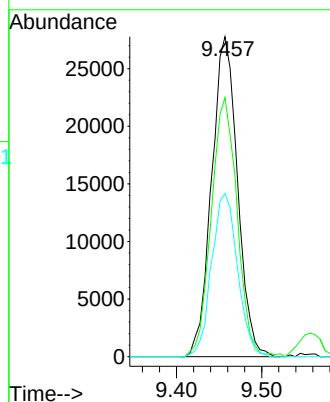
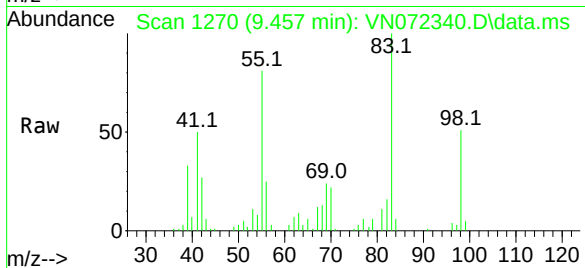
Tgt Ion: 83 Resp: 58639

Ion Ratio Lower Upper

83 100

55 80.9 57.8 86.8

98 51.0 39.4 59.2



#40

Benzene

Concen: 18.441 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN072340.D

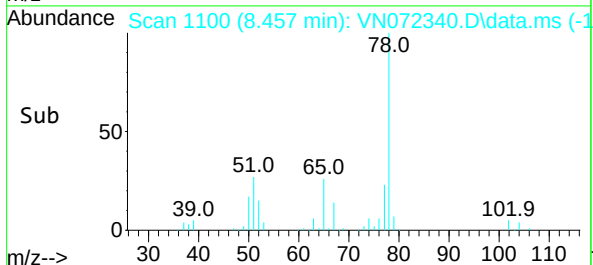
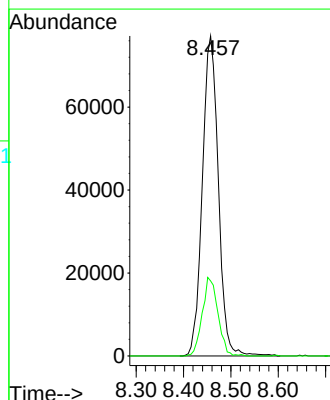
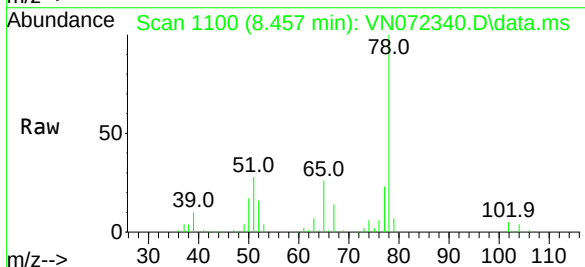
Acq: 05 May 2022 13:17

Tgt Ion: 78 Resp: 180505

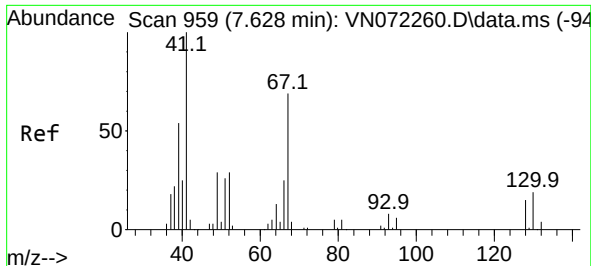
Ion Ratio Lower Upper

78 100

77 23.4 19.4 29.0



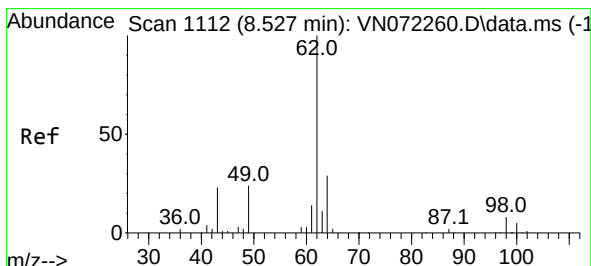
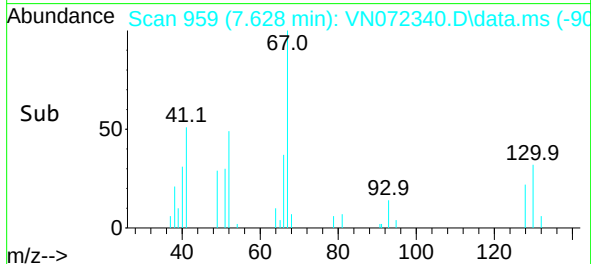
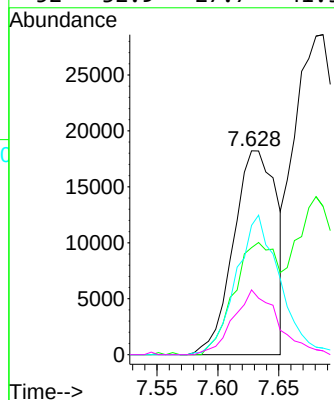
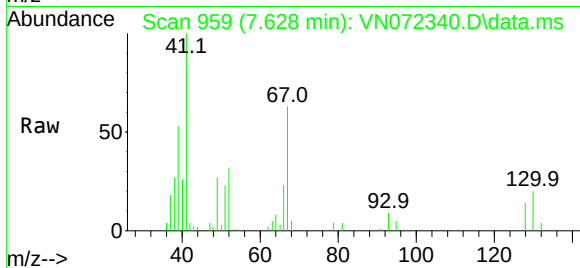




#41  
Methacrylonitrile  
Concen: 21.170 ug/l  
RT: 7.628 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

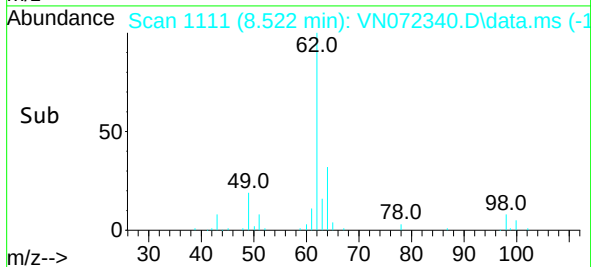
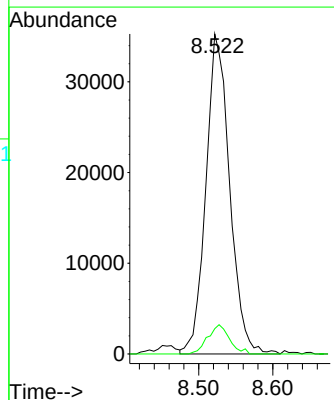
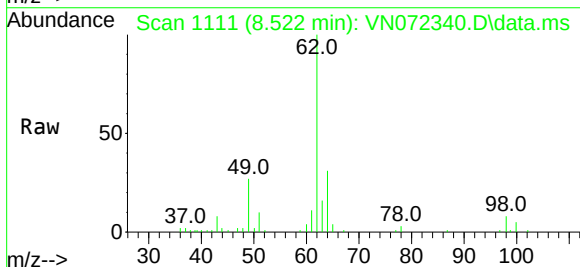
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505MBS01

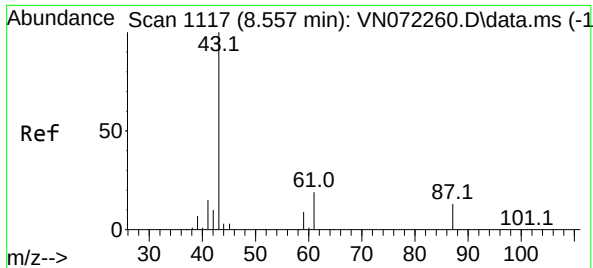
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 44881  |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 55.5  | 48.6  | 73.0   |
| 67       | 69.5  | 73.4  | 110.2# |
| 52       | 32.9  | 27.7  | 41.5   |



#42  
1,2-Dichloroethane  
Concen: 20.970 ug/l  
RT: 8.522 min Scan# 1111  
Delta R.T. -0.006 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 78579 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.3   | 0.0   | 19.4  |

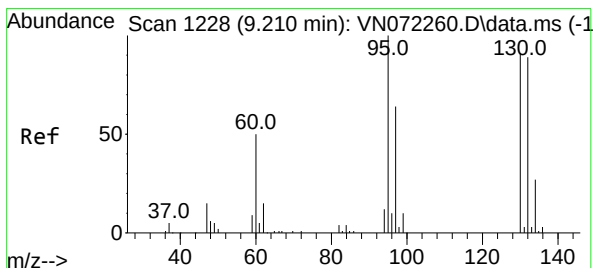
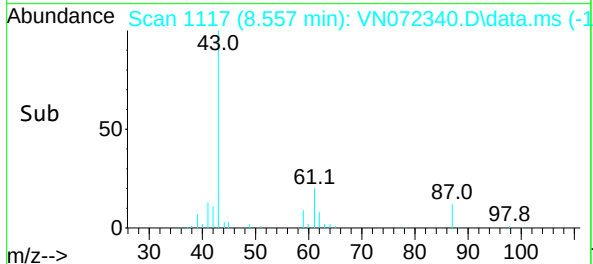
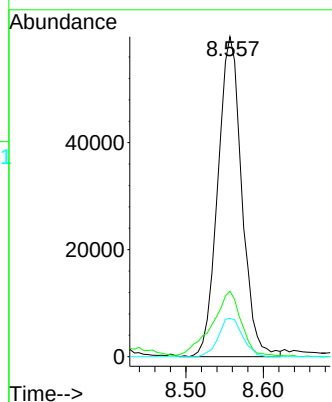
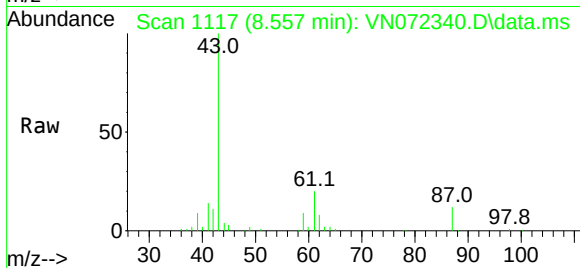




#43  
Isopropyl Acetate  
Concen: 20.075 ug/l  
RT: 8.557 min Scan# 1117  
Delta R.T. -0.000 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

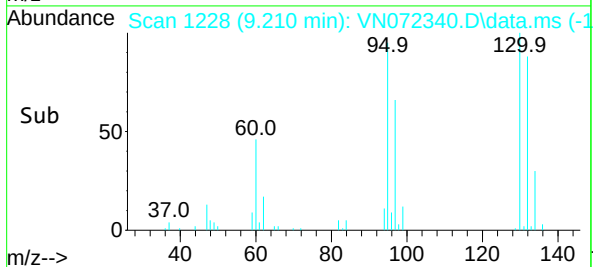
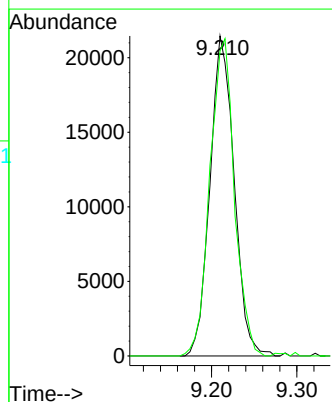
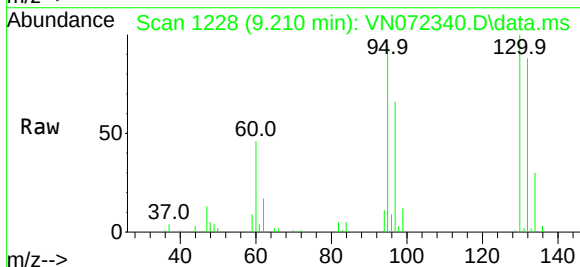
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505MBS01

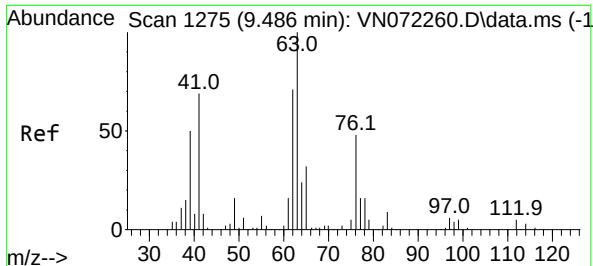
Tgt Ion: 43 Resp: 128883  
Ion Ratio Lower Upper  
43 100  
61 25.6 21.9 32.9  
87 12.1 12.0 18.0



#44  
Trichloroethene  
Concen: 18.592 ug/l  
RT: 9.210 min Scan# 1228  
Delta R.T. -0.000 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

Tgt Ion:130 Resp: 42332  
Ion Ratio Lower Upper  
130 100  
95 95.3 0.0 186.8





#45

1,2-Dichloropropane

Concen: 18.970 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN072340.D

Acq: 05 May 2022 13:17

Instrument :

MSVOA\_N

ClientSampleId :

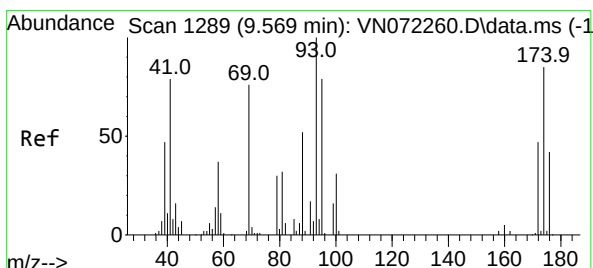
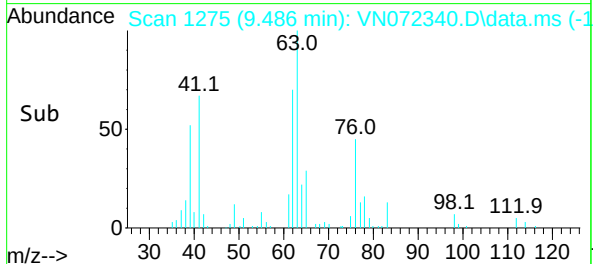
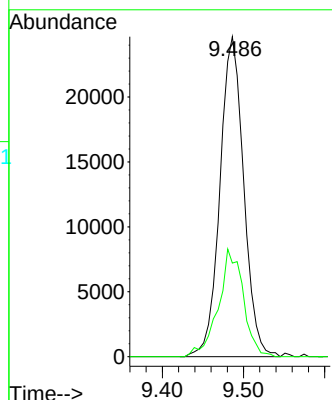
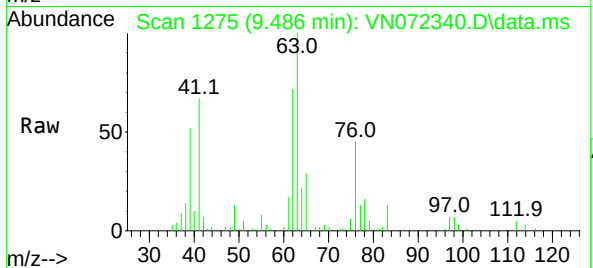
VN0505MBS01

Tgt Ion: 63 Resp: 50173

Ion Ratio Lower Upper

63 100

65 29.3 24.9 37.3



#46

Dibromomethane

Concen: 20.681 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN072340.D

Acq: 05 May 2022 13:17

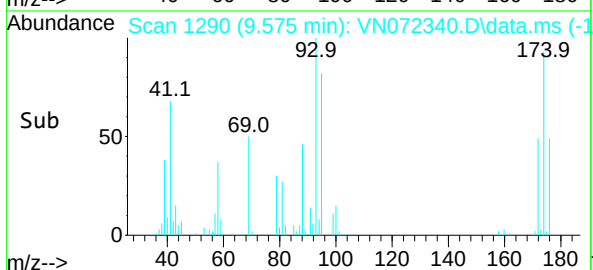
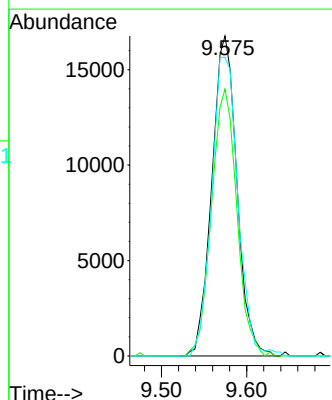
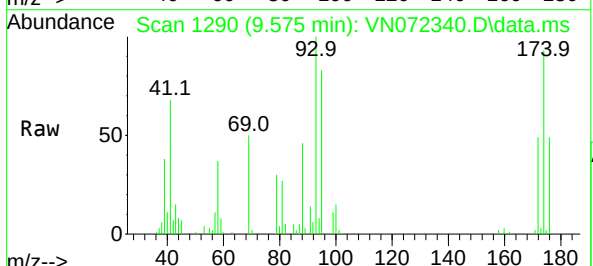
Tgt Ion: 93 Resp: 34266

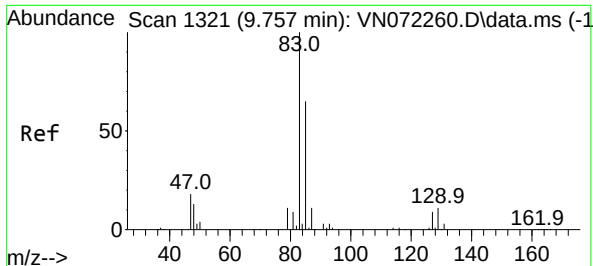
Ion Ratio Lower Upper

93 100

95 84.3 66.9 100.3

174 97.9 86.6 130.0

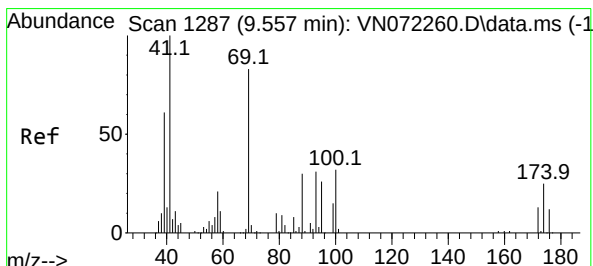
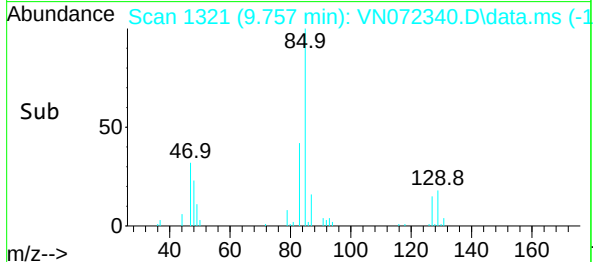
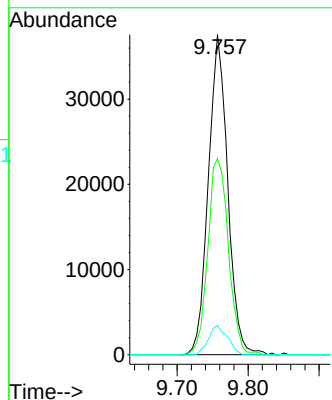
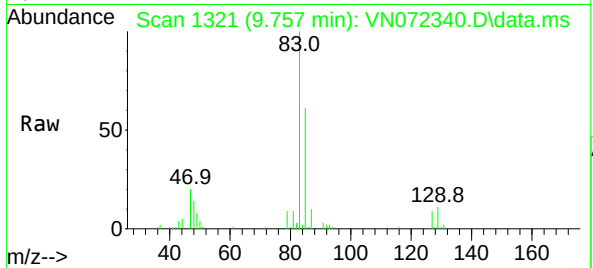




#47  
Bromodichloromethane  
Concen: 20.476 ug/l  
RT: 9.757 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

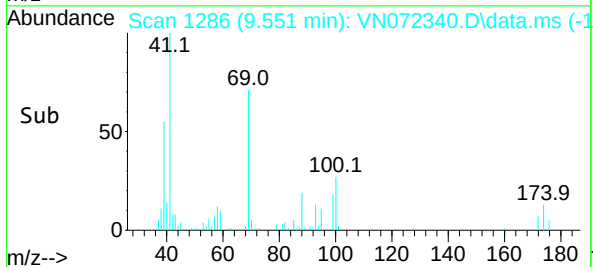
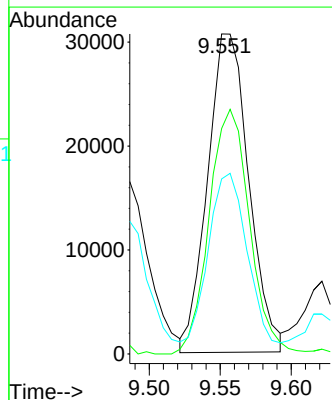
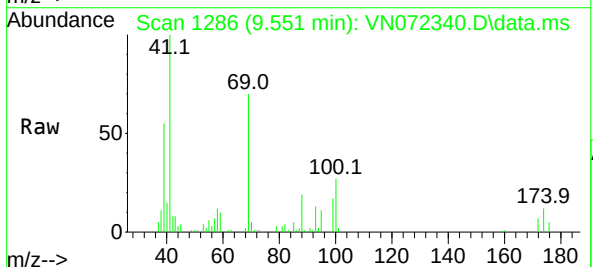
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505MBS01

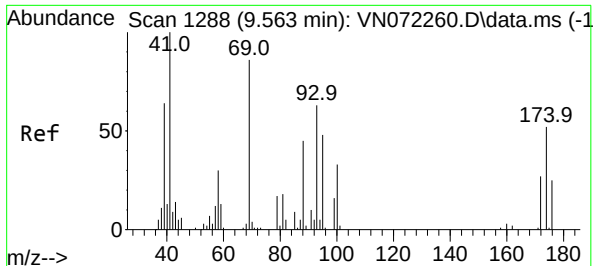
Tgt Ion: 83 Resp: 71184  
Ion Ratio Lower Upper  
83 100  
85 61.3 50.5 75.7  
127 9.1 6.8 10.2



#48  
Methyl methacrylate  
Concen: 22.332 ug/l  
RT: 9.551 min Scan# 1286  
Delta R.T. -0.006 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

Tgt Ion: 41 Resp: 61819  
Ion Ratio Lower Upper  
41 100  
69 75.5 74.7 112.1  
39 55.8 45.6 68.4





#49

1,4-Dioxane

Concen: 456.644 ug/l

RT: 9.569 min Scan# 1288

Delta R.T. 0.006 min

Lab File: VN072340.D

Acq: 05 May 2022 13:17

Instrument :

MSVOA\_N

ClientSampleId :

VN0505MBS01

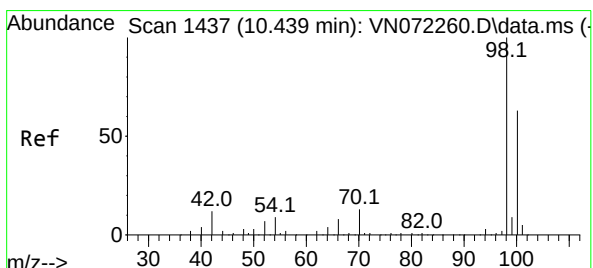
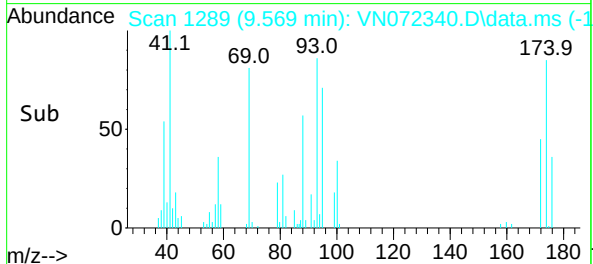
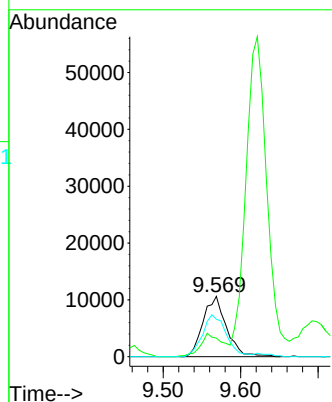
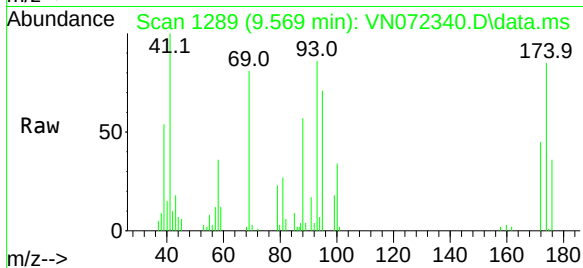
Tgt Ion: 88 Resp: 22205

Ion Ratio Lower Upper

88 100

43 36.9 20.2 30.4#

58 71.2 54.2 81.4



#50

Toluene-d8

Concen: 50.192 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072340.D

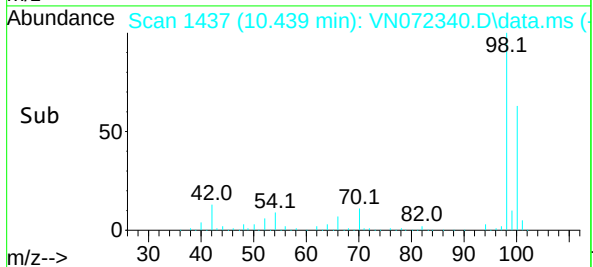
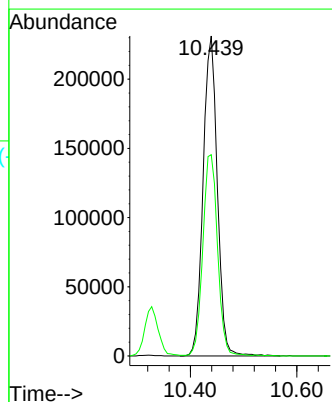
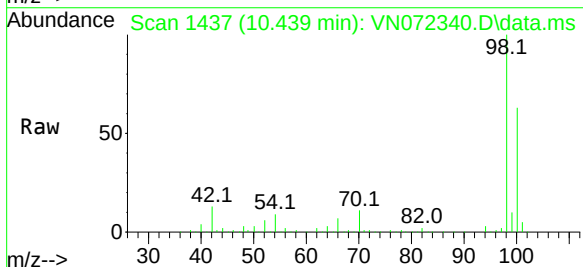
Acq: 05 May 2022 13:17

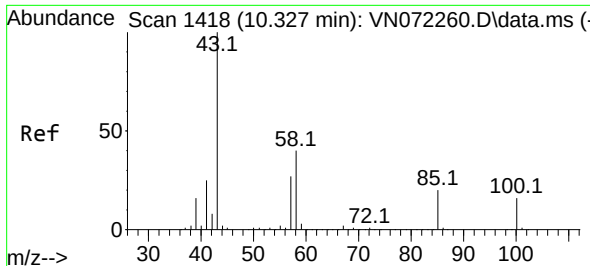
Tgt Ion: 98 Resp: 427571

Ion Ratio Lower Upper

98 100

100 64.7 52.6 78.8

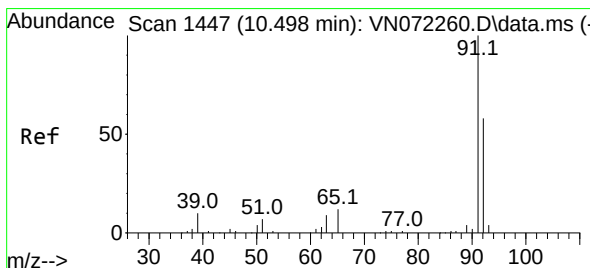
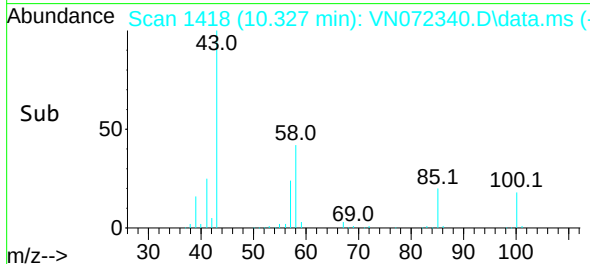
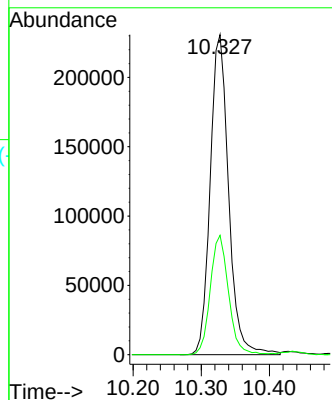
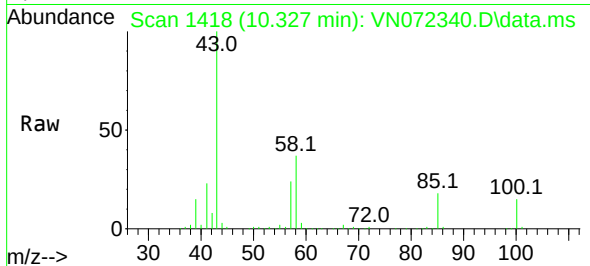




#51  
4-Methyl-2-Pentanone  
Concen: 109.806 ug/l  
RT: 10.327 min Scan# 1418  
Delta R.T. -0.001 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

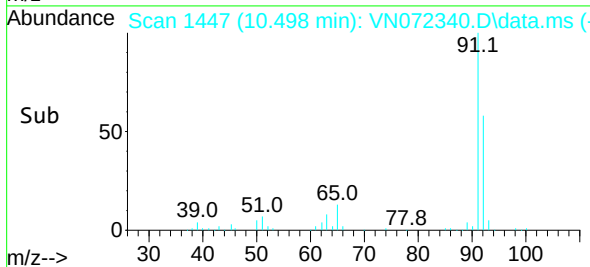
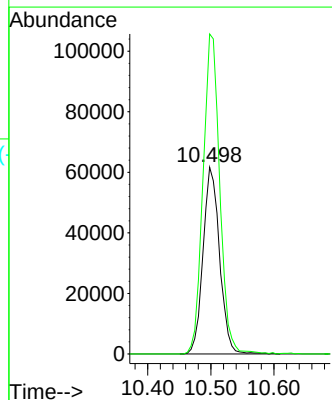
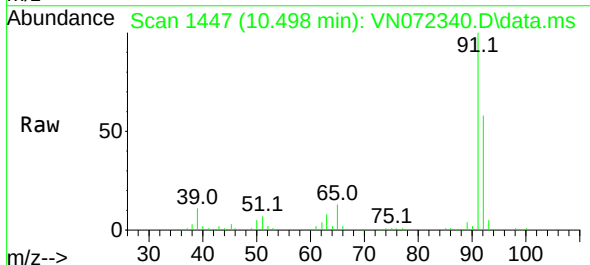
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505MBS01

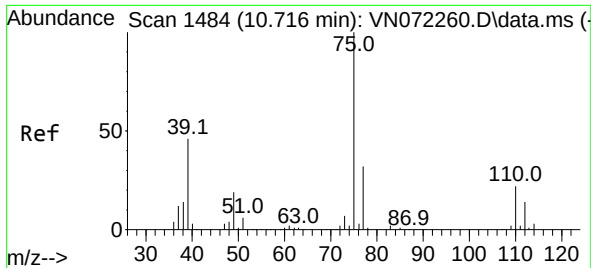
Tgt Ion: 43 Resp: 434180  
Ion Ratio Lower Upper  
43 100  
58 37.0 34.1 51.1



#52  
Toluene  
Concen: 19.190 ug/l  
RT: 10.498 min Scan# 1447  
Delta R.T. -0.006 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

Tgt Ion: 92 Resp: 112292  
Ion Ratio Lower Upper  
92 100  
91 173.7 138.6 207.8

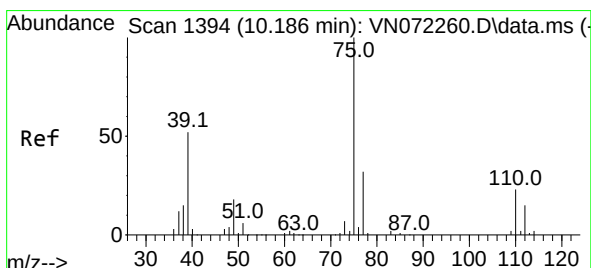
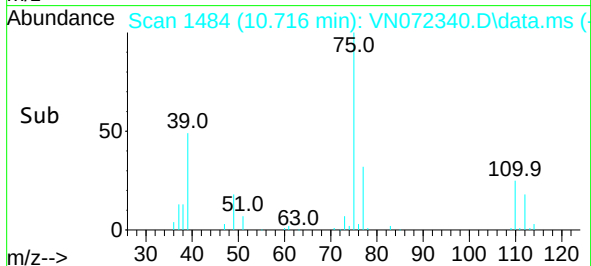
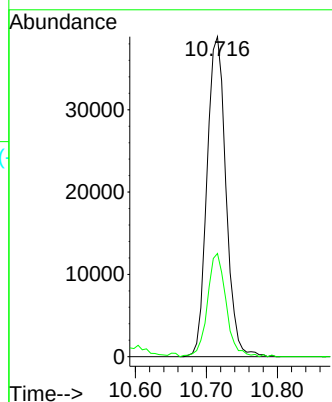
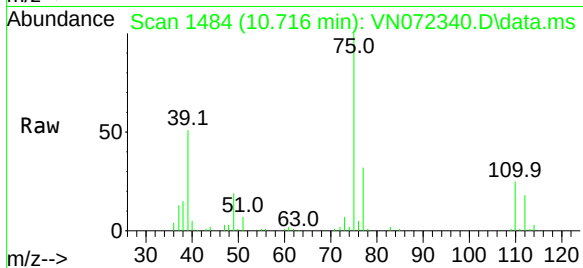




#53  
t-1,3-Dichloropropene  
Concen: 20.637 ug/l  
RT: 10.716 min Scan# 1484  
Delta R.T. -0.000 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

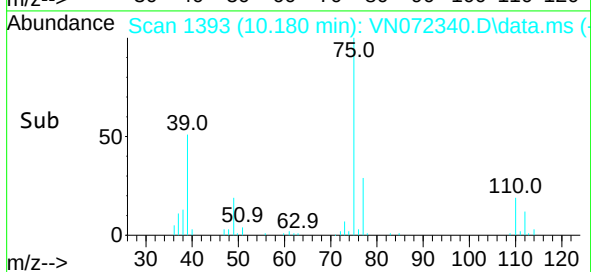
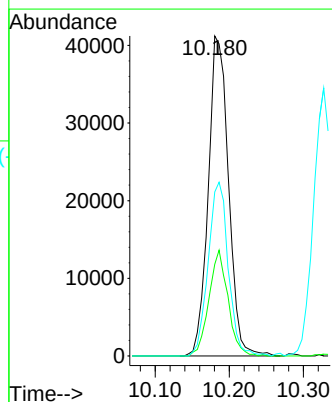
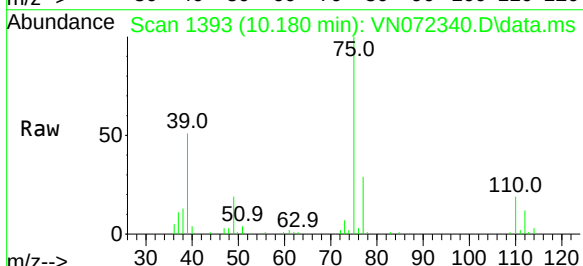
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505MBS01

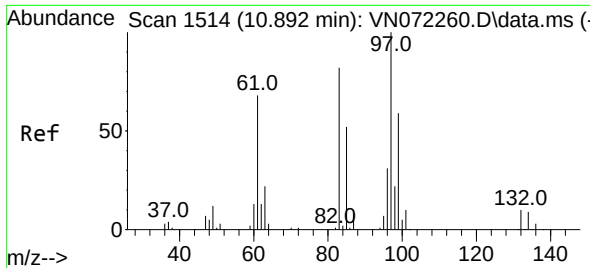
Tgt Ion: 75 Resp: 72120  
Ion Ratio Lower Upper  
75 100  
77 32.3 25.6 38.4



#54  
cis-1,3-Dichloropropene  
Concen: 20.715 ug/l  
RT: 10.180 min Scan# 1393  
Delta R.T. -0.006 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

Tgt Ion: 75 Resp: 78292  
Ion Ratio Lower Upper  
75 100  
77 28.7 25.2 37.8  
39 51.2 35.7 53.5

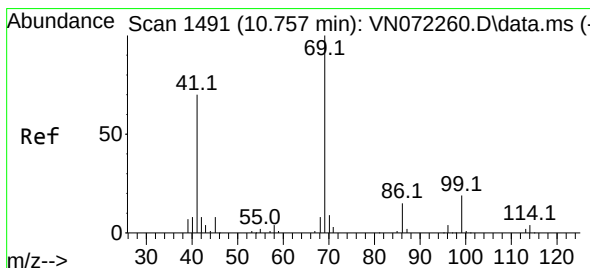
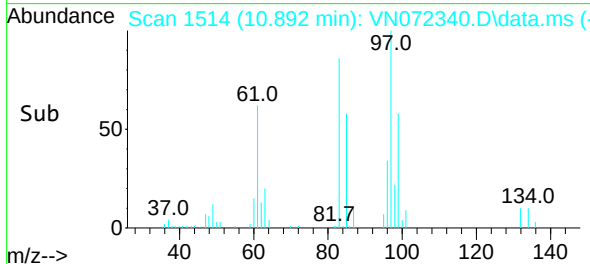
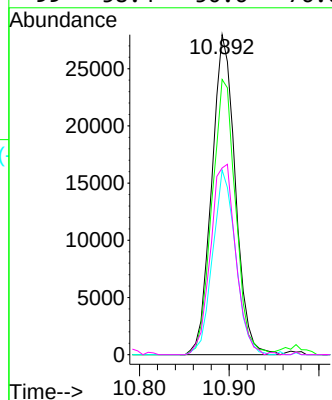
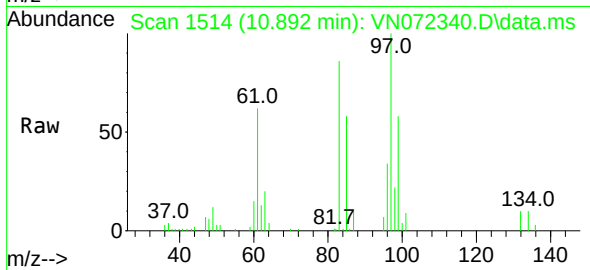




#55  
1,1,2-Trichloroethane  
Concen: 20.804 ug/l  
RT: 10.892 min Scan# 1514  
Delta R.T. 0.000 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

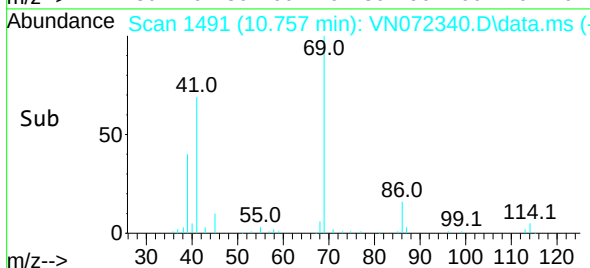
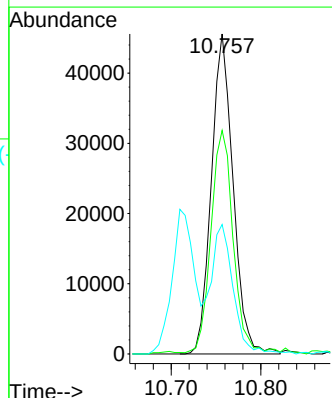
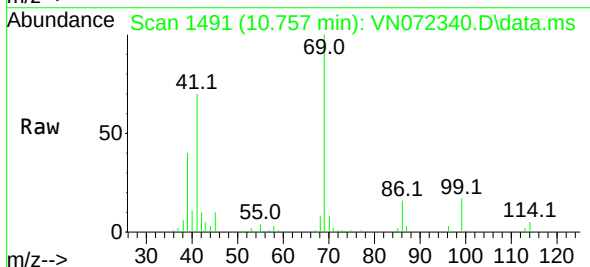
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505MBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 51042 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 86.0  | 66.2  | 99.4  |
| 85       | 57.7  | 43.9  | 65.9  |
| 99       | 58.4  | 50.6  | 76.0  |

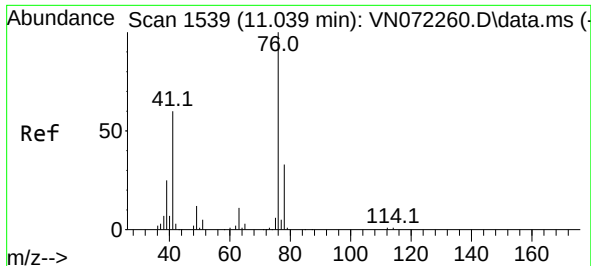


#56  
Ethyl methacrylate  
Concen: 19.374 ug/l  
RT: 10.757 min Scan# 1491  
Delta R.T. -0.000 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 76713 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 70.3  | 47.8  | 71.6  |
| 39       | 41.8  | 27.3  | 40.9# |







#57

1,3-Dichloropropane

Concen: 21.172 ug/l

RT: 11.039 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN072340.D

Acq: 05 May 2022 13:17

Instrument :

MSVOA\_N

ClientSampleId :

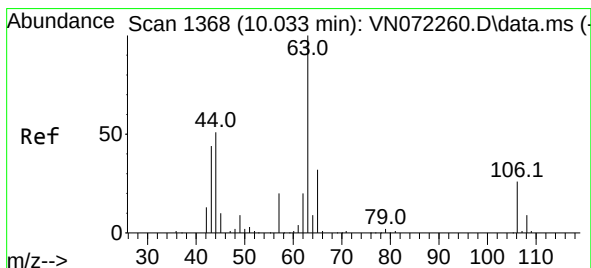
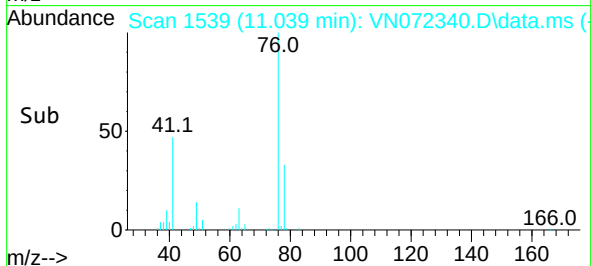
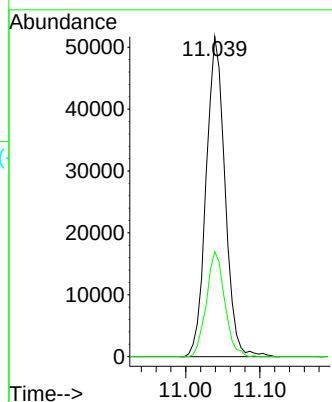
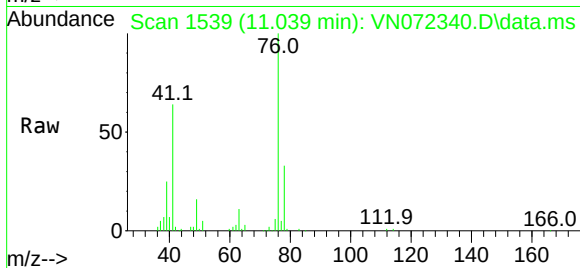
VN0505MBS01

Tgt Ion: 76 Resp: 91152

Ion Ratio Lower Upper

76 100

78 32.0 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 94.525 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VN072340.D

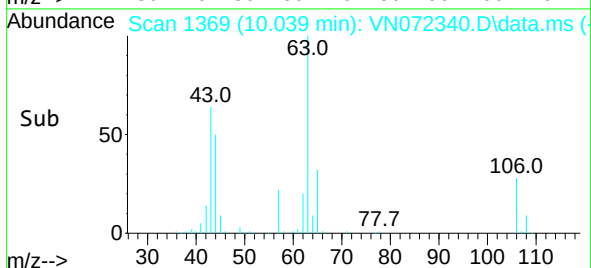
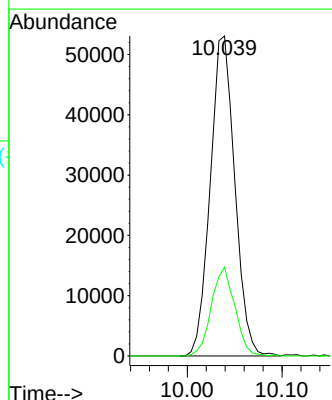
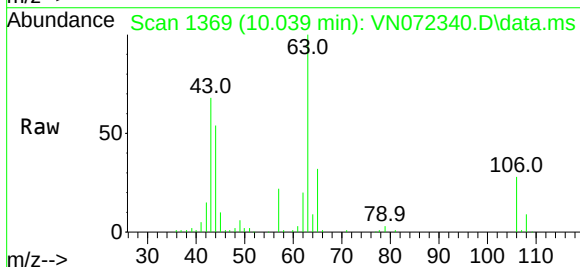
Acq: 05 May 2022 13:17

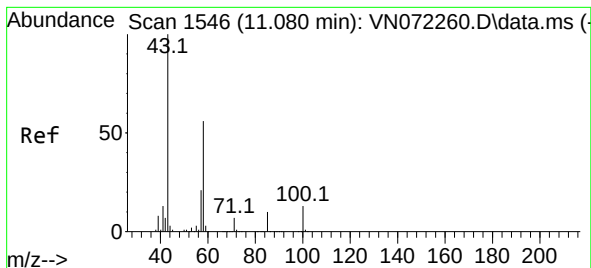
Tgt Ion: 63 Resp: 95550

Ion Ratio Lower Upper

63 100

106 26.5 24.6 36.8

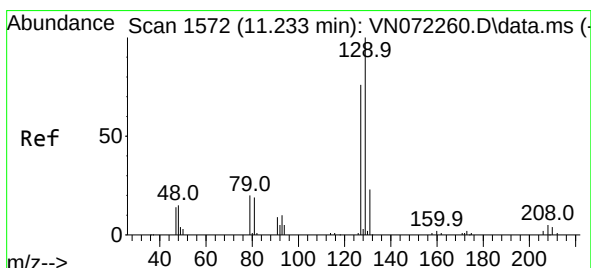
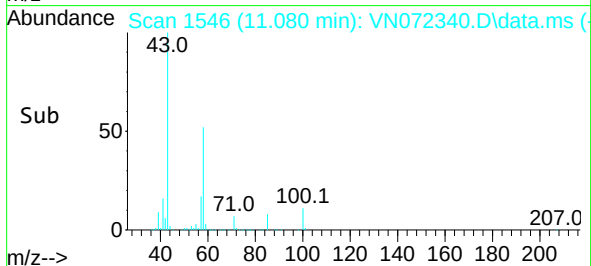
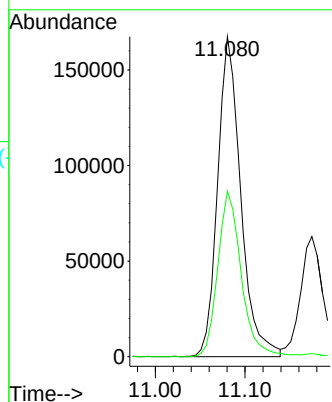
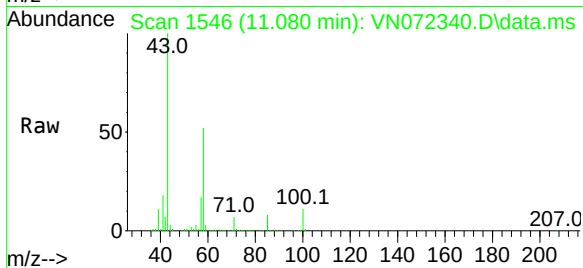




#59  
2-Hexanone  
Concen: 107.634 ug/l  
RT: 11.080 min Scan# 1546  
Delta R.T. -0.001 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

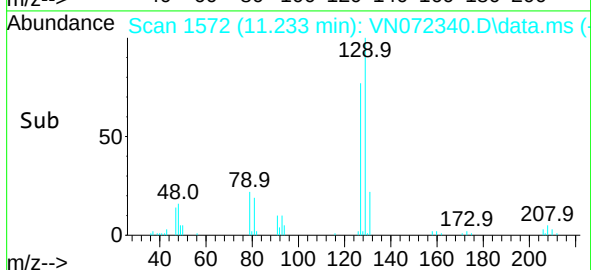
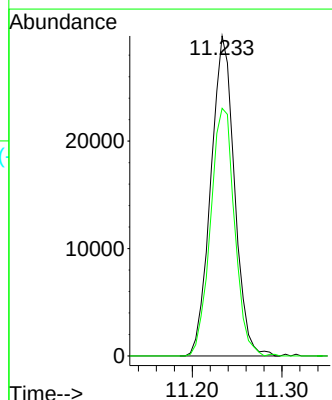
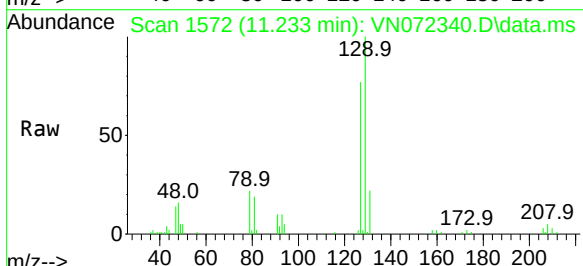
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505MBS01

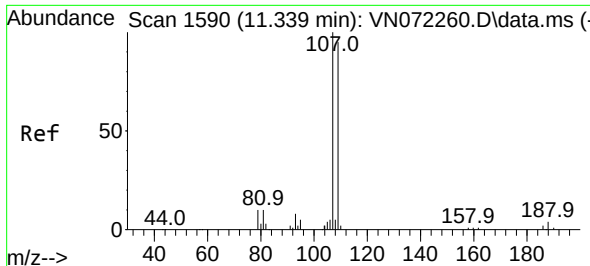
Tgt Ion: 43 Resp: 299853  
Ion Ratio Lower Upper  
43 100  
58 52.3 29.7 89.1



#60  
Dibromochloromethane  
Concen: 21.737 ug/l  
RT: 11.233 min Scan# 1572  
Delta R.T. 0.000 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

Tgt Ion: 129 Resp: 54534  
Ion Ratio Lower Upper  
129 100  
127 78.7 38.8 116.4

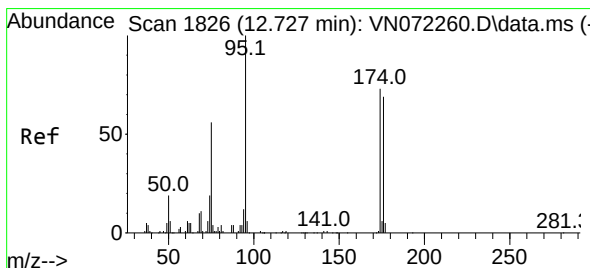
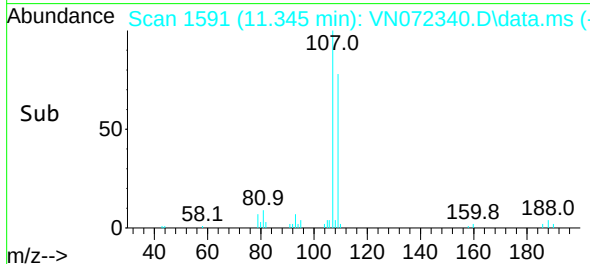
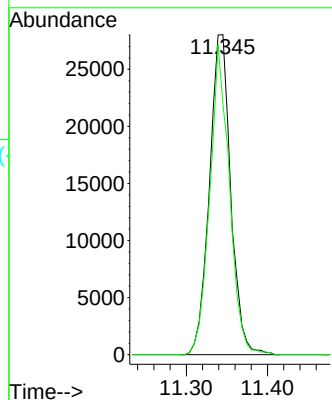
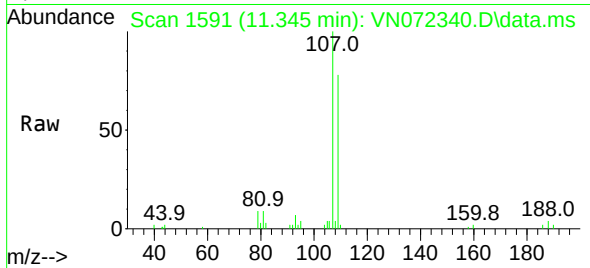




#61  
1,2-Dibromoethane  
Concen: 21.187 ug/l  
RT: 11.345 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

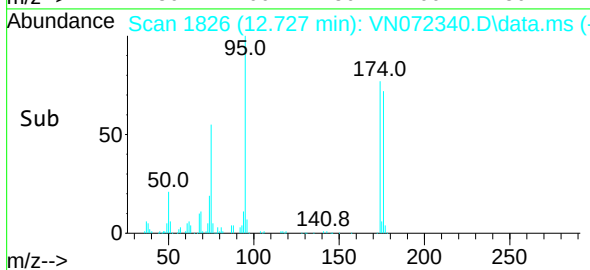
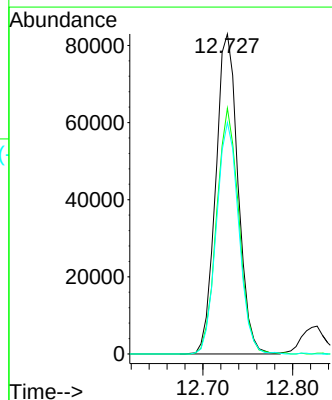
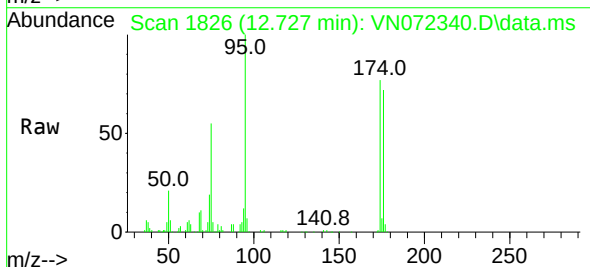
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505MBS01

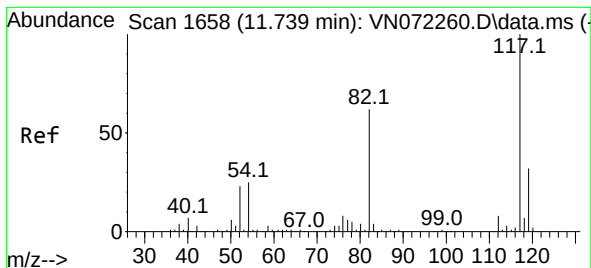
Tgt Ion:107 Resp: 51123  
Ion Ratio Lower Upper  
107 100  
109 89.3 75.0 112.6



#62  
4-Bromofluorobenzene  
Concen: 50.652 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

Tgt Ion: 95 Resp: 143221  
Ion Ratio Lower Upper  
95 100  
174 76.4 0.0 167.6  
176 72.5 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.739 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN072340.D

Acq: 05 May 2022 13:17

Instrument :

MSVOA\_N

ClientSampleId :

VN0505MBS01

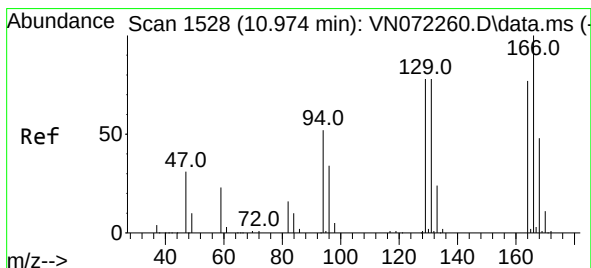
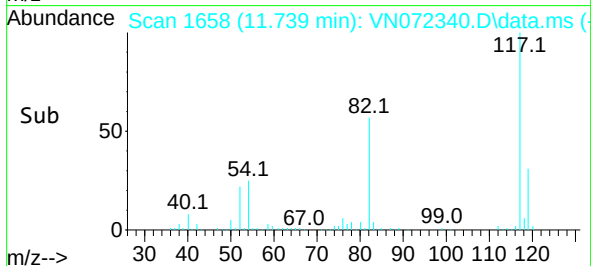
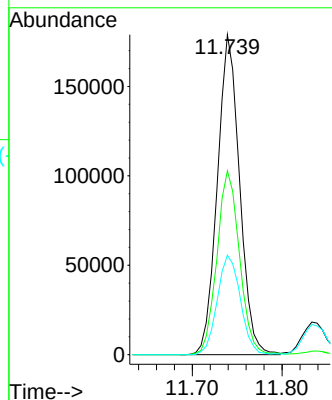
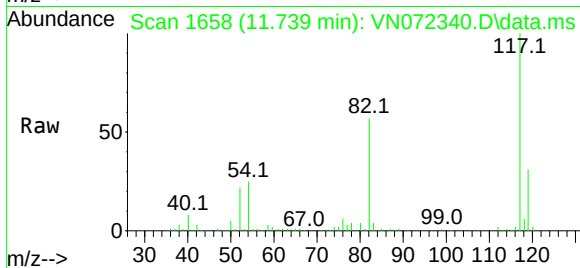
Tgt Ion:117 Resp: 308726

Ion Ratio Lower Upper

117 100

82 57.4 44.2 66.2

119 31.1 25.4 38.0



#64

Tetrachloroethene

Concen: 19.637 ug/l

RT: 10.974 min Scan# 1528

Delta R.T. -0.001 min

Lab File: VN072340.D

Acq: 05 May 2022 13:17

Tgt Ion:164 Resp: 36493

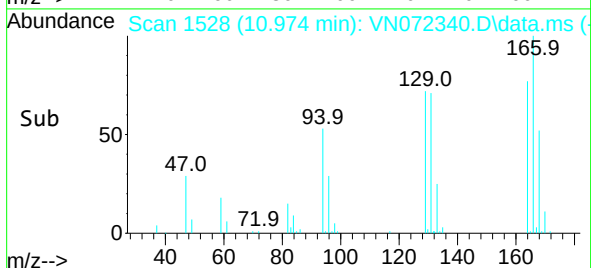
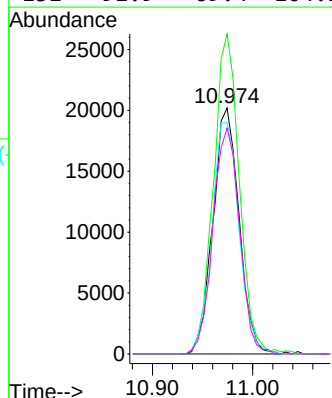
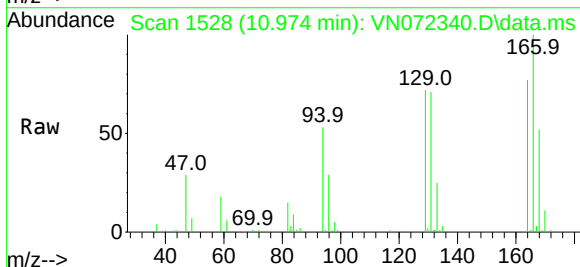
Ion Ratio Lower Upper

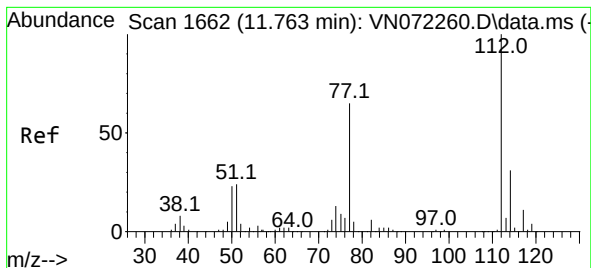
164 100

166 130.2 104.2 156.2

129 94.1 73.9 110.9

131 91.9 69.4 104.2

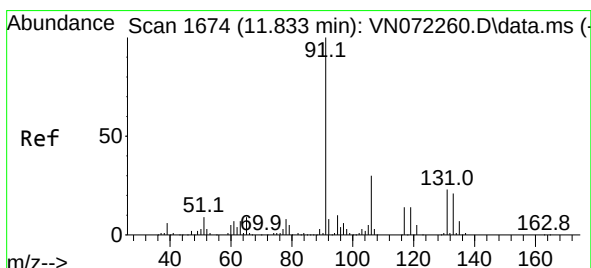
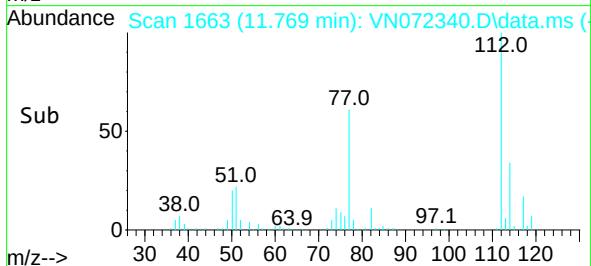
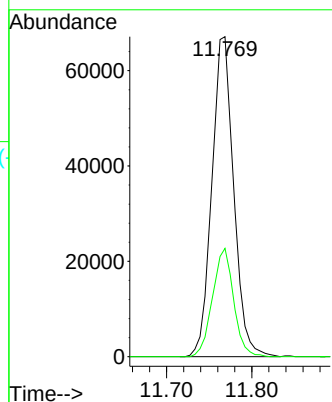
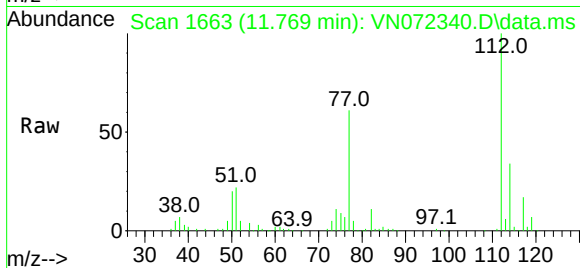




#65  
Chlorobenzene  
Concen: 19.161 ug/l  
RT: 11.769 min Scan# 1176  
Delta R.T. -0.001 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

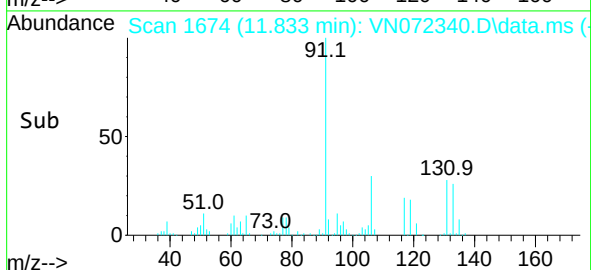
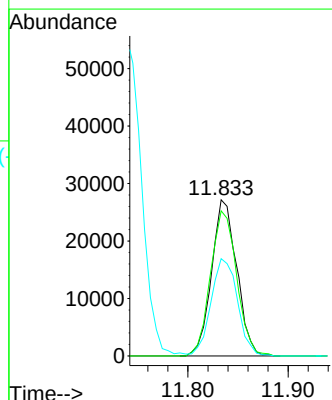
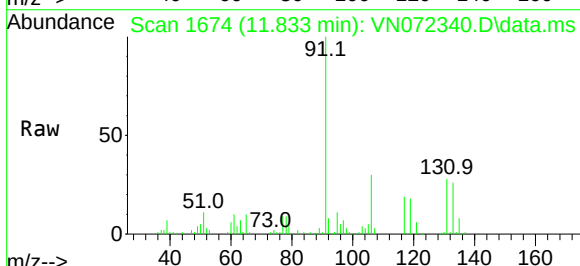
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505MBS01

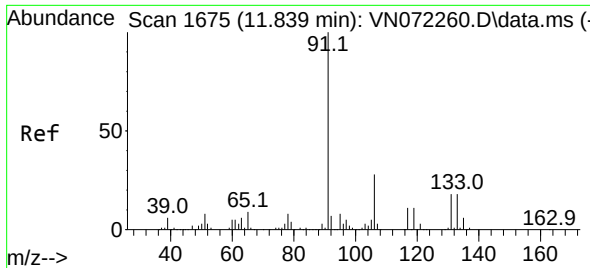
Tgt Ion:112 Resp: 119526  
Ion Ratio Lower Upper  
112 100  
114 33.9 25.4 38.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.129 ug/l  
RT: 11.833 min Scan# 1674  
Delta R.T. -0.006 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

Tgt Ion:131 Resp: 47312  
Ion Ratio Lower Upper  
131 100  
133 96.9 47.8 143.4  
119 65.7 33.4 100.2

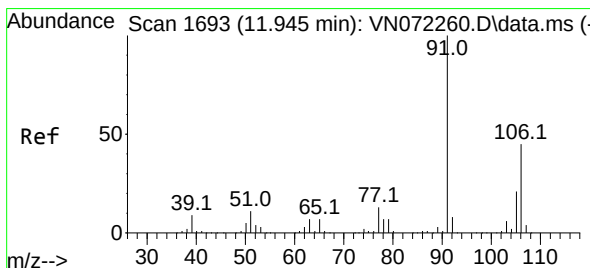
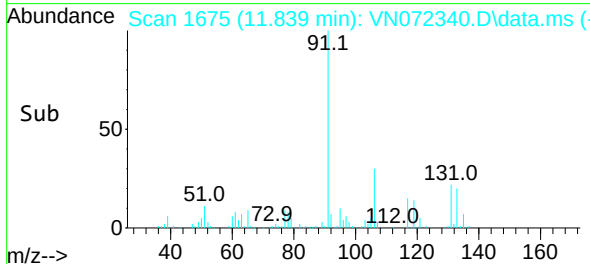
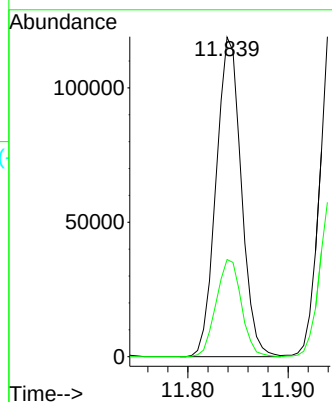
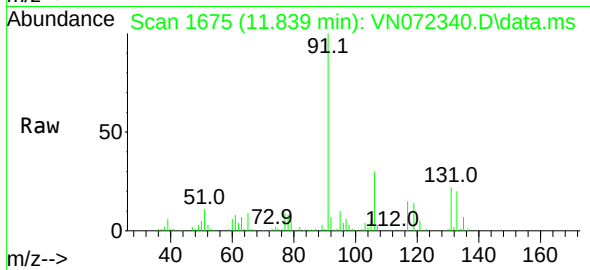




#67  
Ethyl Benzene  
Concen: 19.027 ug/l  
RT: 11.839 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

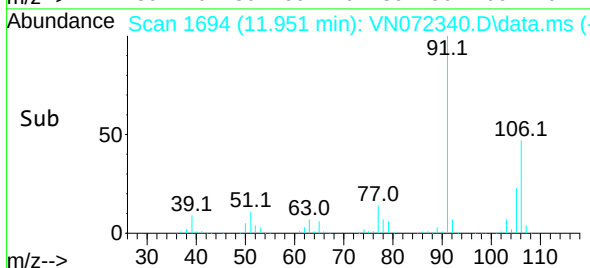
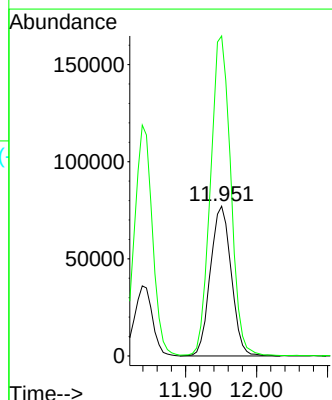
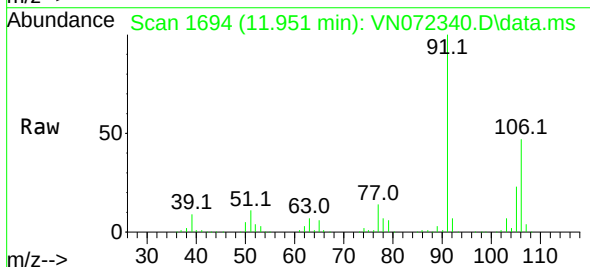
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505MBS01

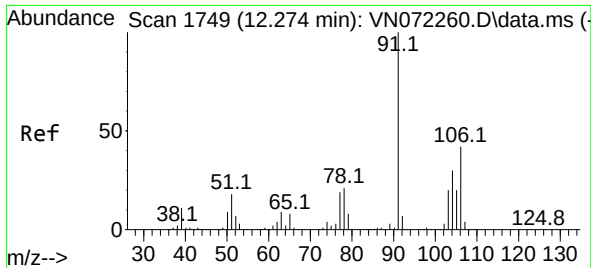
Tgt Ion: 91 Resp: 206983  
Ion Ratio Lower Upper  
91 100  
106 30.4 24.9 37.3



#68  
m/p-Xylenes  
Concen: 38.931 ug/l  
RT: 11.951 min Scan# 1694  
Delta R.T. -0.000 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

Tgt Ion: 106 Resp: 157265  
Ion Ratio Lower Upper  
106 100  
91 207.3 158.9 238.3

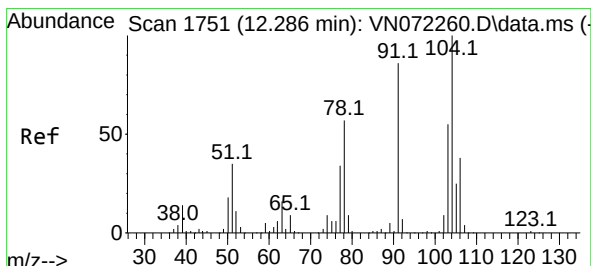
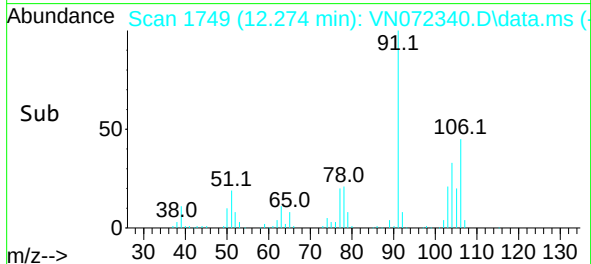
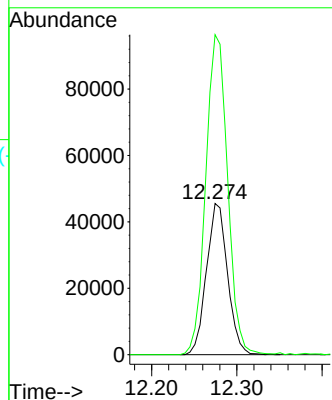
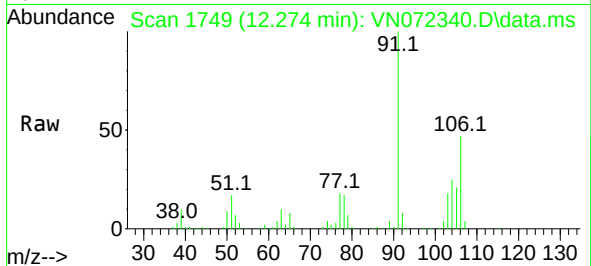




#69  
o-Xylene  
Concen: 19.993 ug/l  
RT: 12.274 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

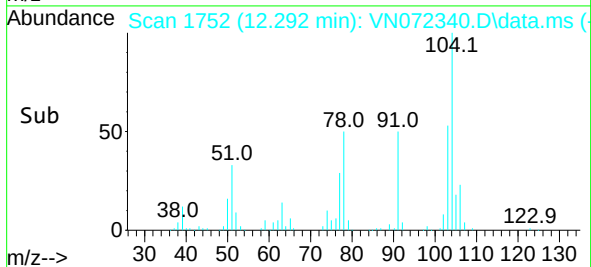
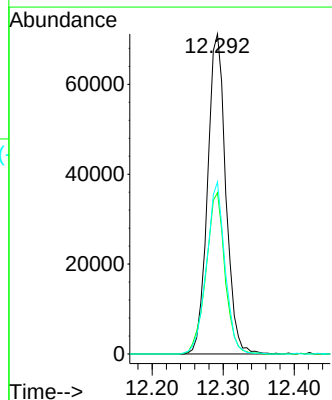
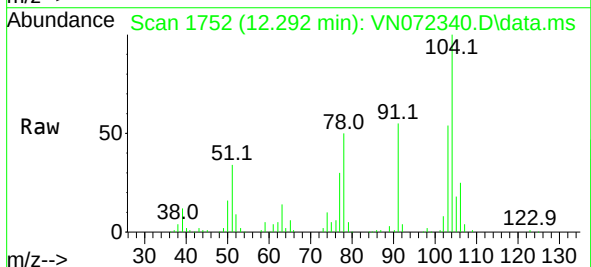
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505MBS01

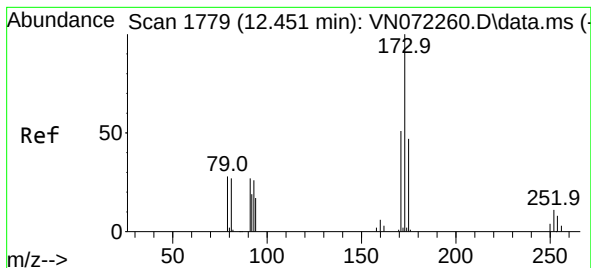
Tgt Ion:106 Resp: 78298  
Ion Ratio Lower Upper  
106 100  
91 219.1 106.0 318.0



#70  
Styrene  
Concen: 20.582 ug/l  
RT: 12.292 min Scan# 1752  
Delta R.T. 0.000 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

Tgt Ion:104 Resp: 126961  
Ion Ratio Lower Upper  
104 100  
78 52.3 39.5 59.3  
103 54.5 44.0 66.0





#71

Bromoform

Concen: 21.430 ug/l

RT: 12.451 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN072340.D

Acq: 05 May 2022 13:17

Instrument :

MSVOA\_N

ClientSampleId :

VN0505MBS01

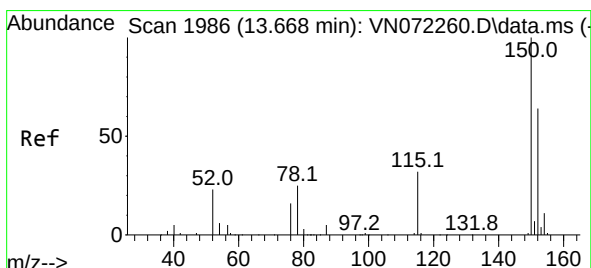
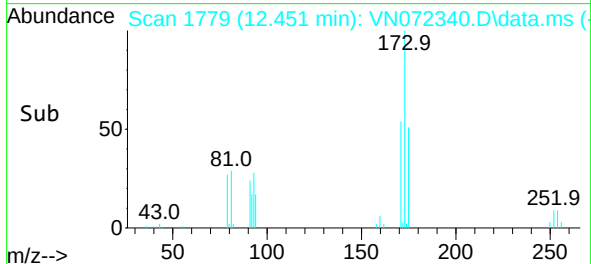
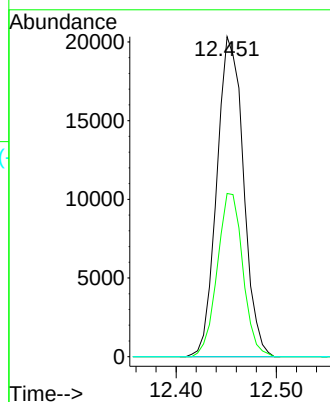
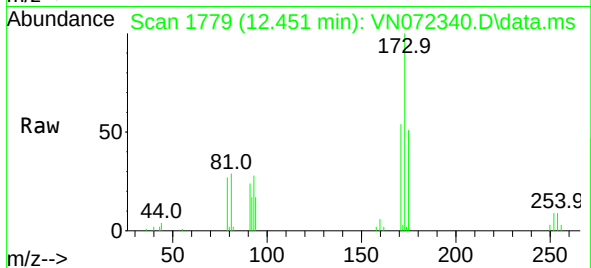
Tgt Ion:173 Resp: 37463

Ion Ratio Lower Upper

173 100

175 49.1 24.6 73.6

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.668 min Scan# 1986

Delta R.T. -0.001 min

Lab File: VN072340.D

Acq: 05 May 2022 13:17

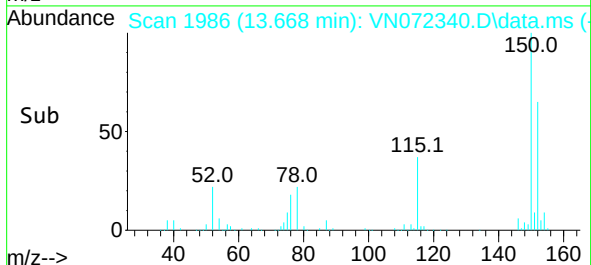
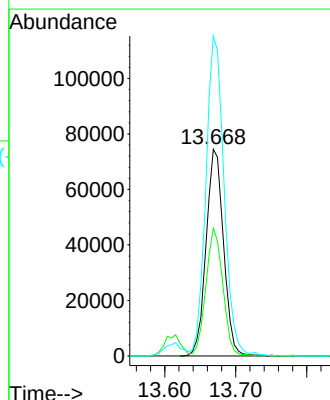
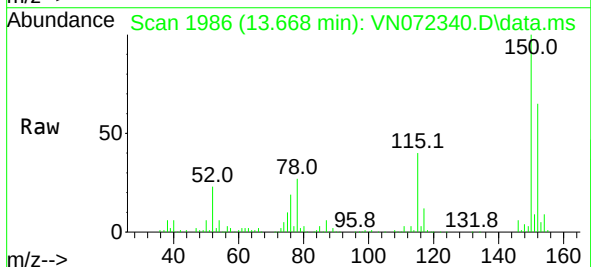
Tgt Ion:152 Resp: 127328

Ion Ratio Lower Upper

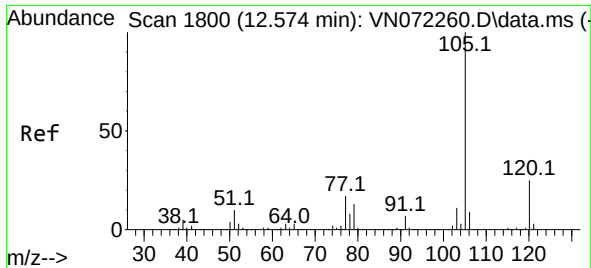
152 100

115 59.7 28.9 86.7

150 160.6 0.0 356.2



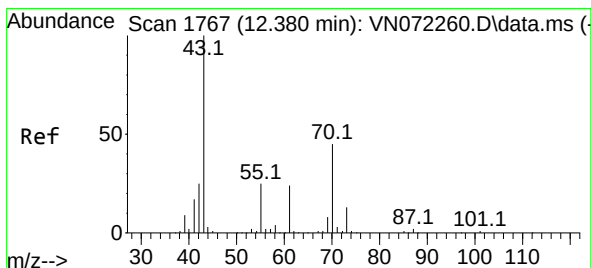
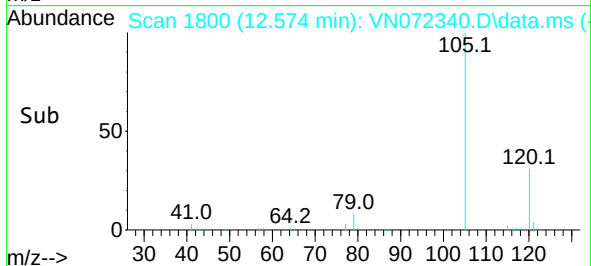
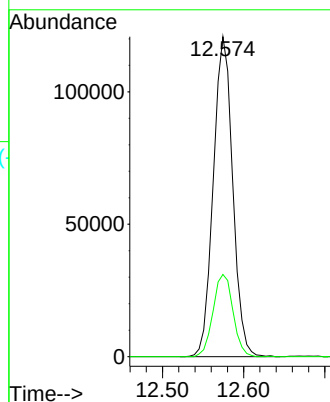
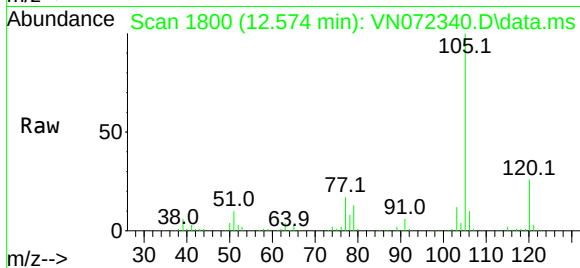




#73  
Isopropylbenzene  
Concen: 17.831 ug/l  
RT: 12.574 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

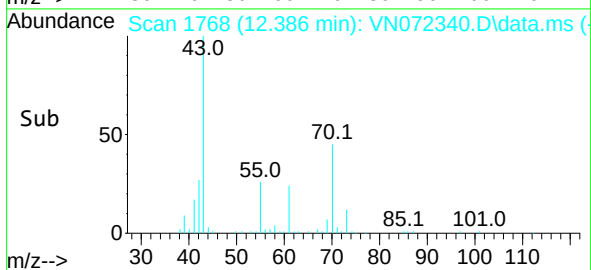
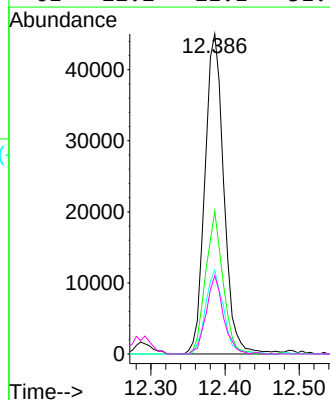
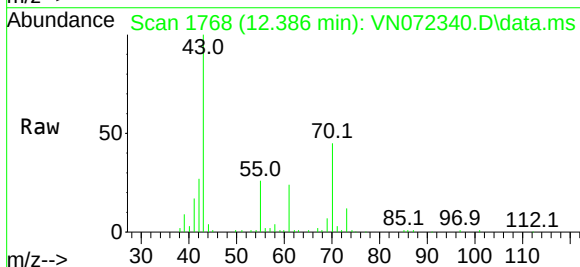
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505MBS01

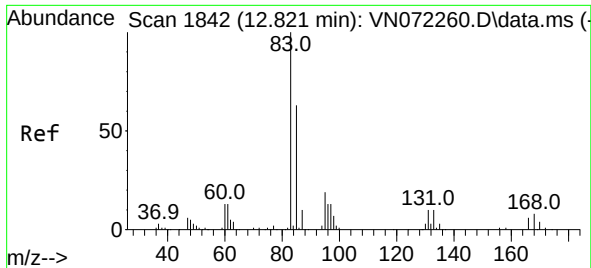
Tgt Ion:105 Resp: 200518  
Ion Ratio Lower Upper  
105 100  
120 26.4 13.5 40.4



#74  
N-ethyl acetate  
Concen: 18.998 ug/l  
RT: 12.386 min Scan# 1768  
Delta R.T. 0.006 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

Tgt Ion: 43 Resp: 80040  
Ion Ratio Lower Upper  
43 100  
70 40.6 39.0 58.4  
55 25.0 21.1 31.7  
61 22.2 21.1 31.7

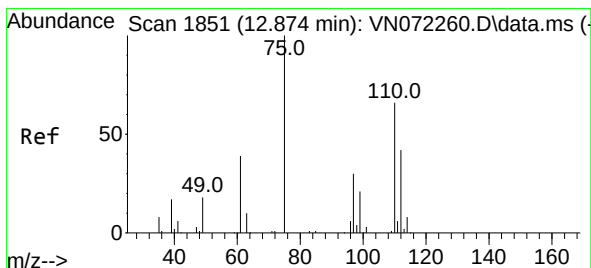
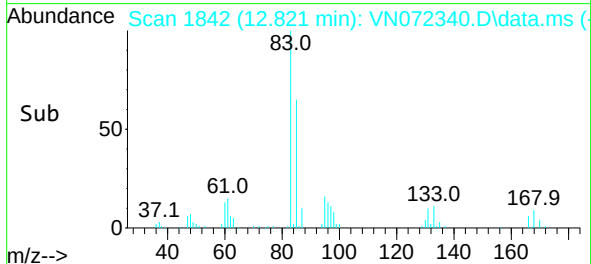
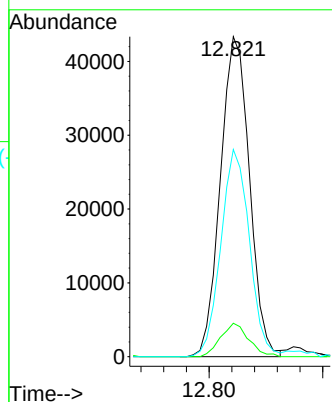
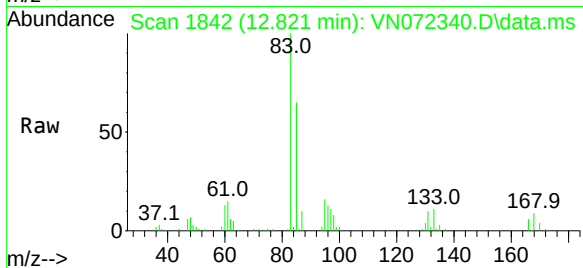




#75  
1,1,2,2-Tetrachloroethane  
Concen: 19.658 ug/l  
RT: 12.821 min Scan# 1842  
Delta R.T. -0.001 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

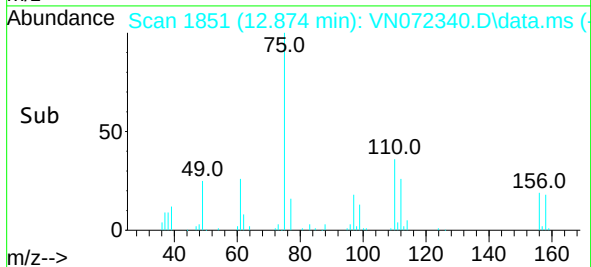
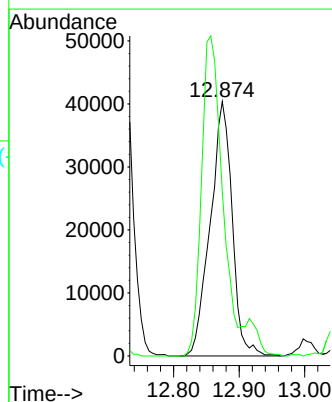
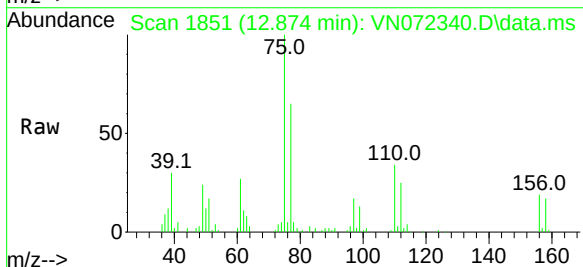
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505MBS01

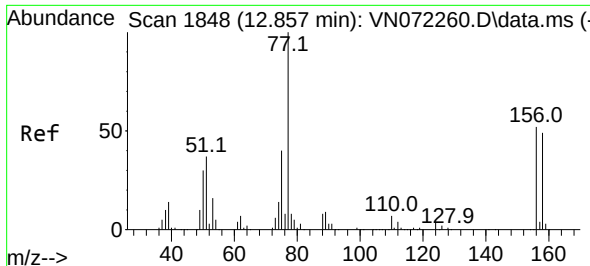
Tgt Ion: 83 Resp: 77017  
Ion Ratio Lower Upper  
83 100  
131 10.1 5.3 15.9  
85 63.7 32.3 96.9



#76  
1,2,3-Trichloropropane  
Concen: 32.678 ug/l  
RT: 12.874 min Scan# 1851  
Delta R.T. 0.000 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

Tgt Ion: 75 Resp: 93586  
Ion Ratio Lower Upper  
75 100  
77 122.4 98.5 295.5

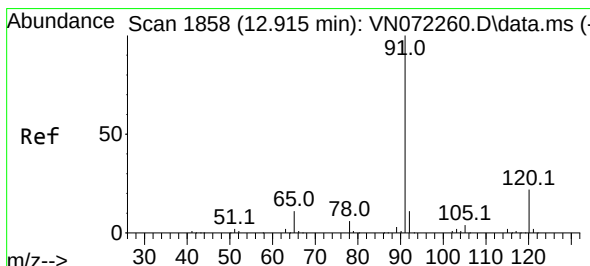
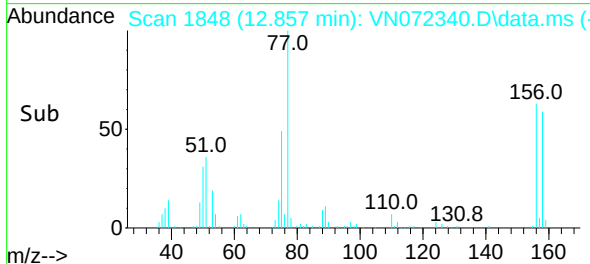
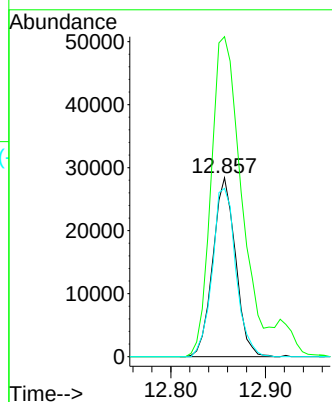
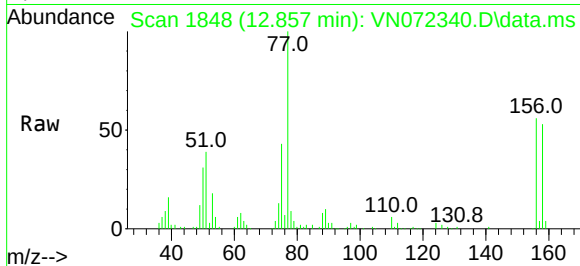




#77  
Bromobenzene  
Concen: 17.769 ug/l  
RT: 12.857 min Scan# 1848  
Delta R.T. -0.000 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

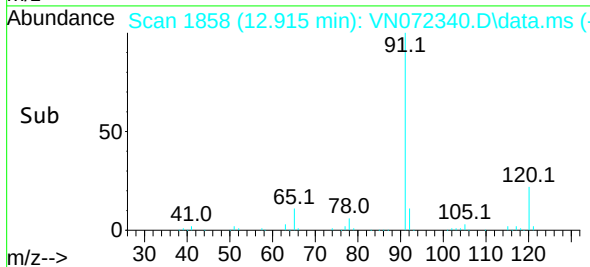
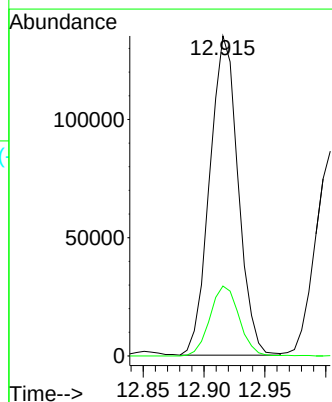
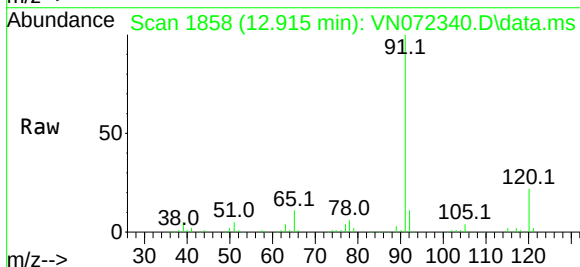
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505MBS01

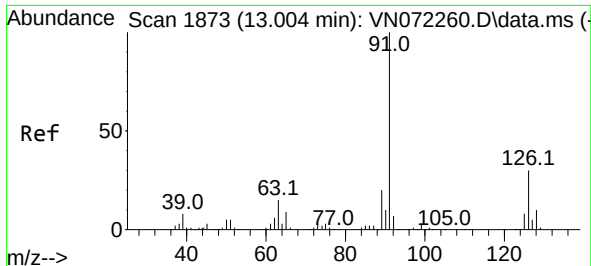
Tgt Ion:156 Resp: 47254  
Ion Ratio Lower Upper  
156 100  
77 242.5 100.5 301.5  
158 97.9 48.9 146.6



#78  
n-propylbenzene  
Concen: 17.693 ug/l  
RT: 12.915 min Scan# 1858  
Delta R.T. -0.001 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

Tgt Ion: 91 Resp: 219198  
Ion Ratio Lower Upper  
91 100  
120 22.4 11.9 35.5

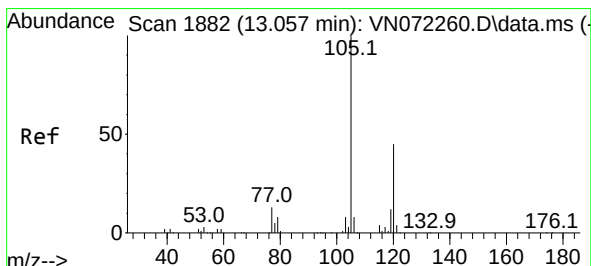
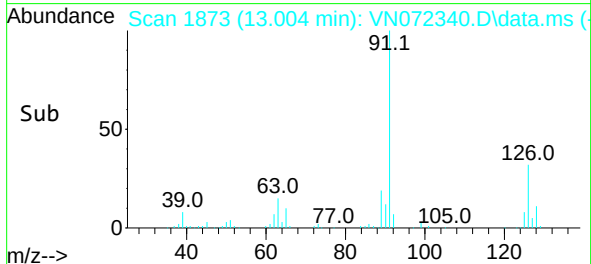
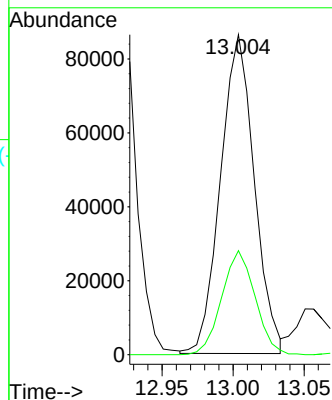
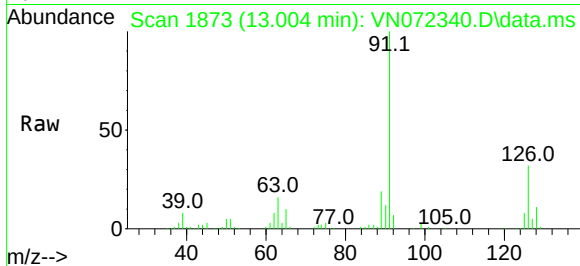




#79  
2-Chlorotoluene  
Concen: 17.547 ug/l  
RT: 13.004 min Scan# 1873  
Delta R.T. -0.000 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

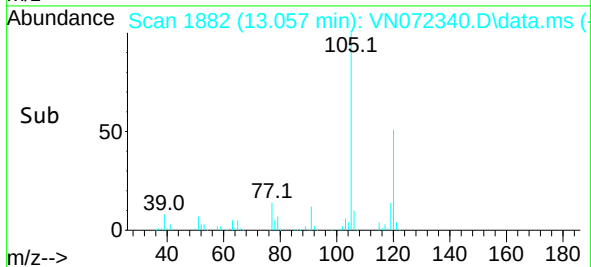
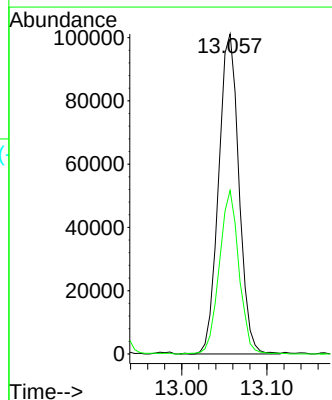
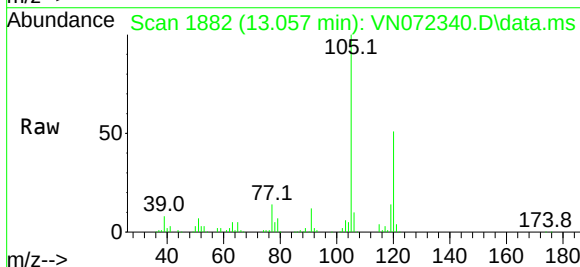
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505MBS01

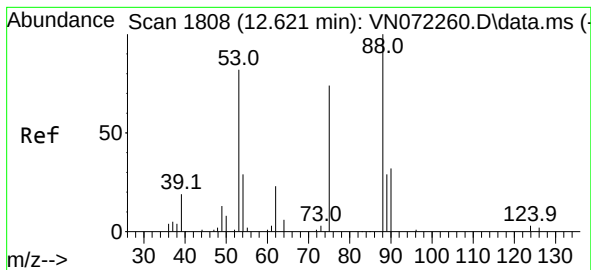
Tgt Ion: 91 Resp: 142788  
Ion Ratio Lower Upper  
91 100  
126 32.2 17.3 51.9



#80  
1,3,5-Trimethylbenzene  
Concen: 17.873 ug/l  
RT: 13.057 min Scan# 1882  
Delta R.T. 0.006 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

Tgt Ion: 105 Resp: 167390  
Ion Ratio Lower Upper  
105 100  
120 49.4 24.9 74.7

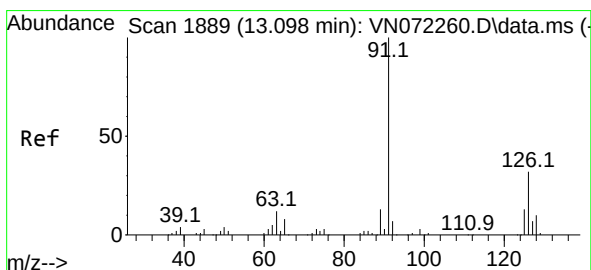
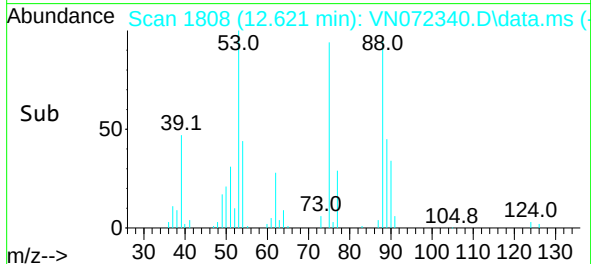
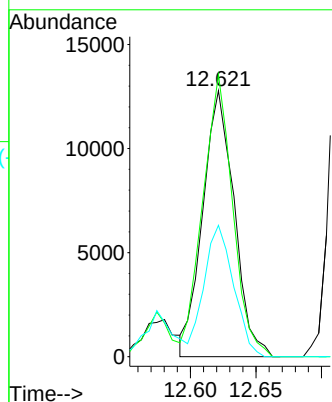
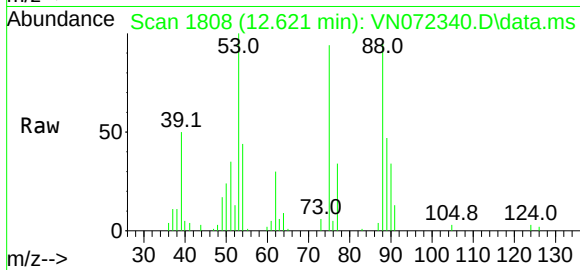




#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.362 ug/l  
RT: 12.621 min Scan# 1808  
Delta R.T. -0.001 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

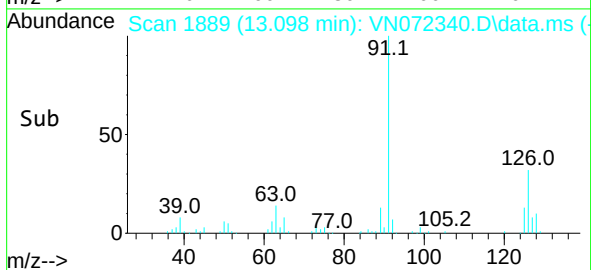
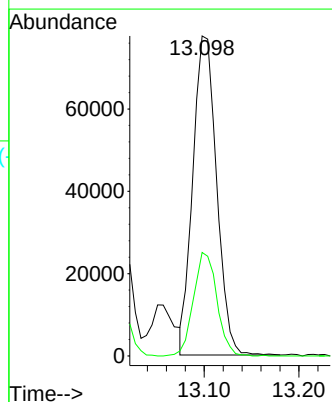
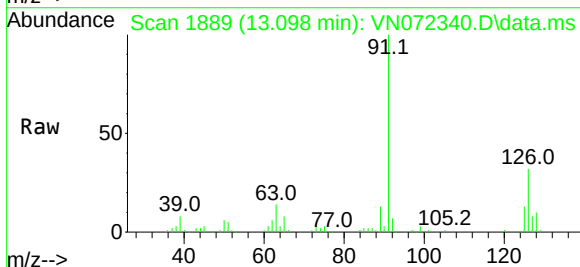
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505MBS01

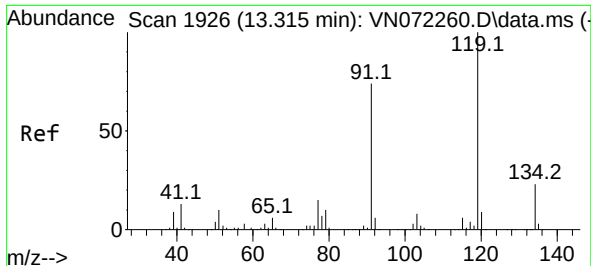
Tgt Ion: 75 Resp: 21321  
Ion Ratio Lower Upper  
75 100  
53 100.9 78.0 117.0  
89 46.4 37.2 55.8



#82  
4-Chlorotoluene  
Concen: 17.839 ug/l  
RT: 13.098 min Scan# 1889  
Delta R.T. -0.000 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

Tgt Ion: 91 Resp: 135129  
Ion Ratio Lower Upper  
91 100  
126 32.0 17.2 51.6

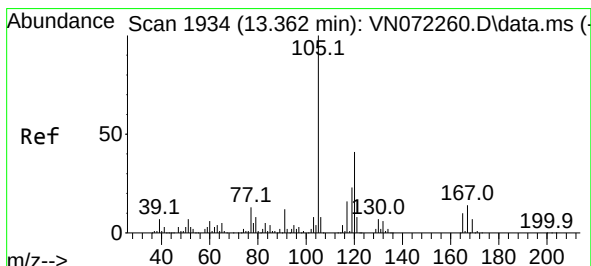
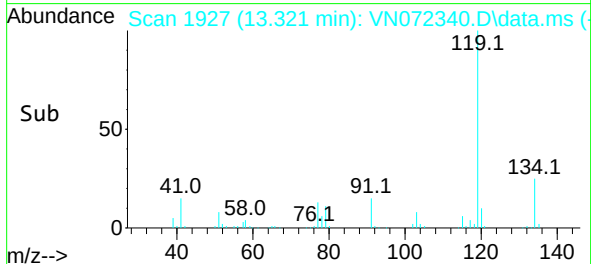
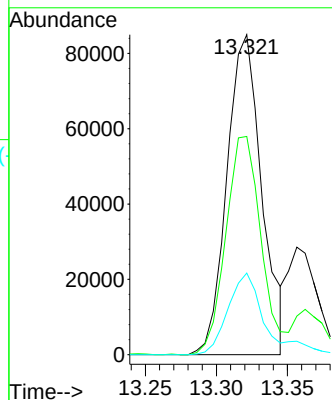
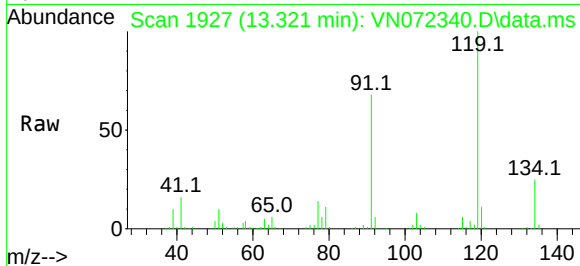




#83  
tert-Butylbenzene  
Concen: 17.674 ug/l  
RT: 13.321 min Scan# 1926  
Delta R.T. 0.005 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

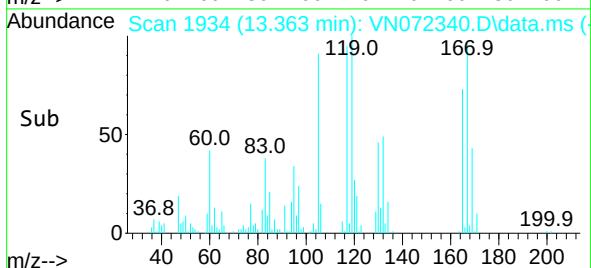
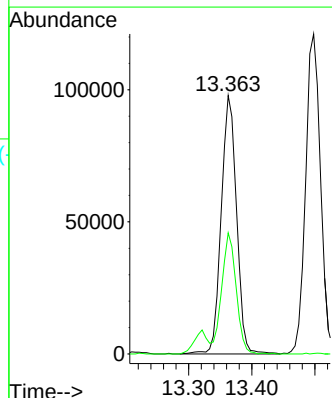
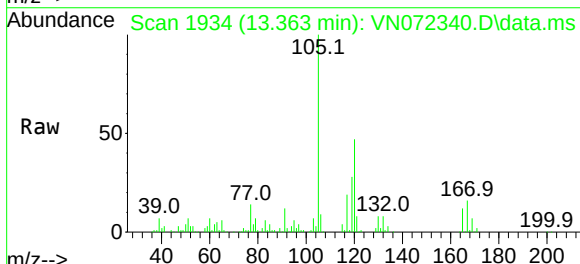
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505MBS01

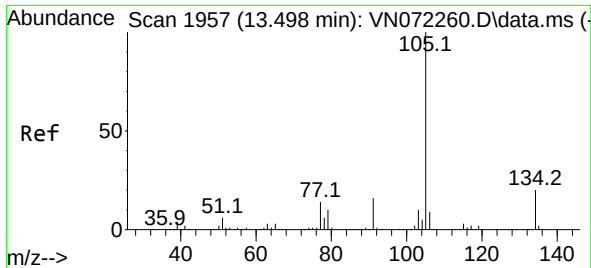
Tgt Ion:119 Resp: 145331  
Ion Ratio Lower Upper  
119 100  
91 69.3 31.6 94.8  
134 27.2 13.7 41.1



#84  
1,2,4-Trimethylbenzene  
Concen: 18.236 ug/l  
RT: 13.363 min Scan# 1934  
Delta R.T. -0.000 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

Tgt Ion:105 Resp: 165242  
Ion Ratio Lower Upper  
105 100  
120 44.5 23.3 69.8

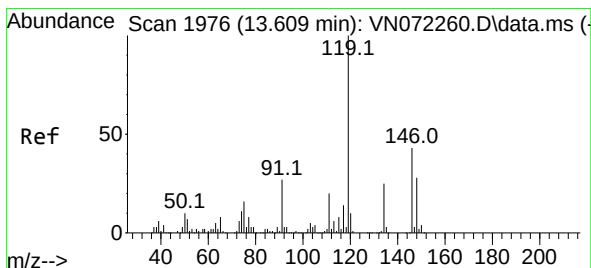
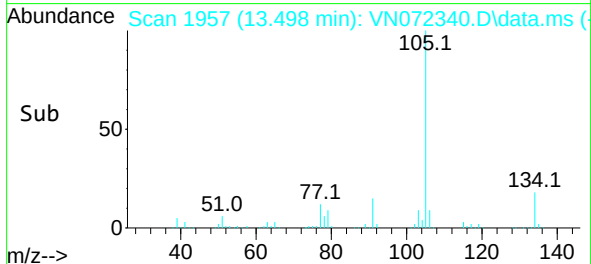
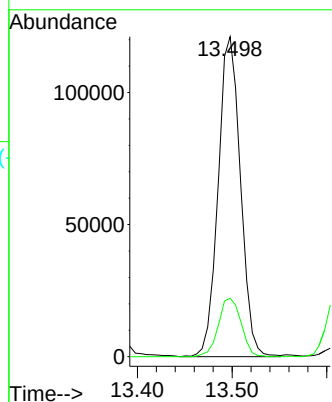
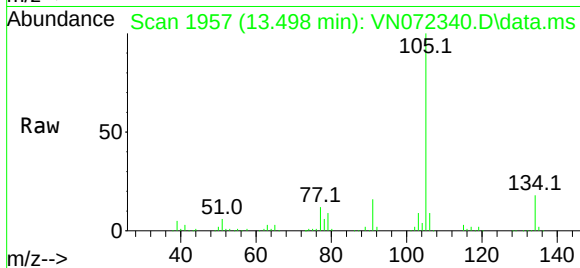




#85  
 sec-Butylbenzene  
 Concen: 18.485 ug/l  
 RT: 13.498 min Scan# 1957  
 Delta R.T. -0.000 min  
 Lab File: VN072340.D  
 Acq: 05 May 2022 13:17

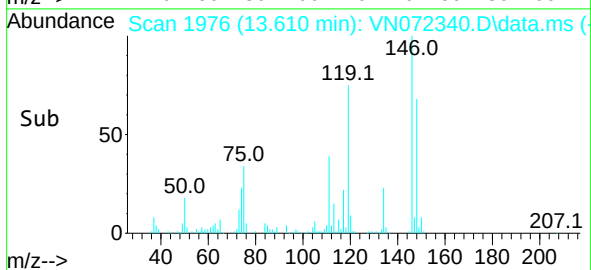
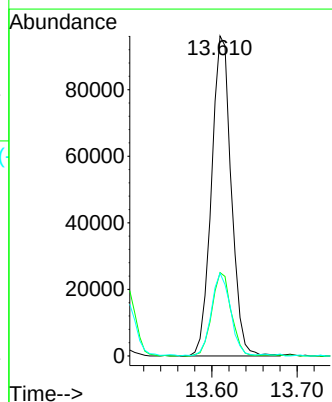
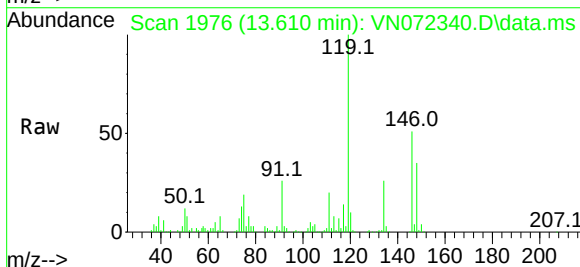
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0505MBS01

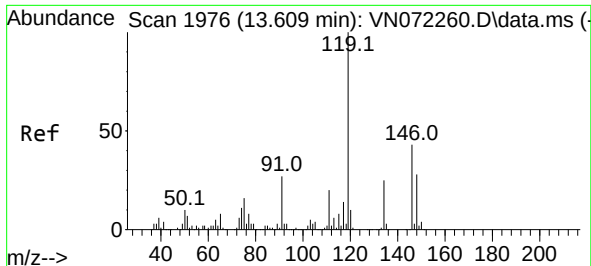
Tgt Ion:105 Resp: 198169  
 Ion Ratio Lower Upper  
 105 100  
 134 18.7 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 18.512 ug/l  
 RT: 13.610 min Scan# 1976  
 Delta R.T. -0.000 min  
 Lab File: VN072340.D  
 Acq: 05 May 2022 13:17

Tgt Ion:119 Resp: 154723  
 Ion Ratio Lower Upper  
 119 100  
 134 25.6 13.3 39.8  
 91 25.2 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 19.485 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VN072340.D

Acq: 05 May 2022 13:17

Instrument :

MSVOA\_N

ClientSampleId :

VN0505MBS01

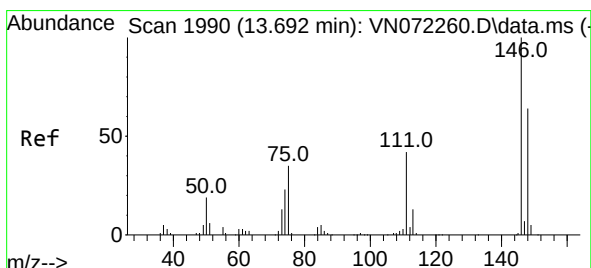
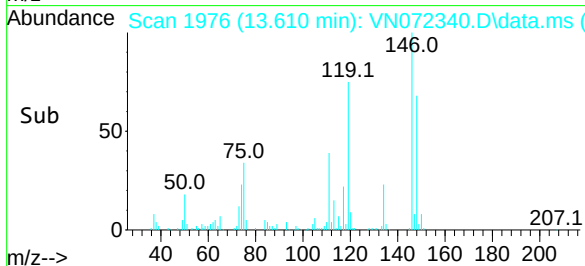
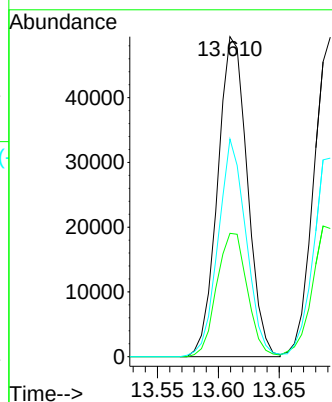
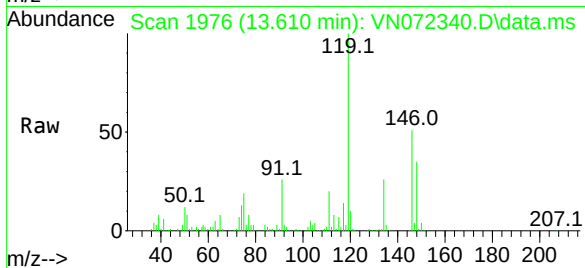
Tgt Ion:146 Resp: 83869

Ion Ratio Lower Upper

146 100

111 39.7 20.0 60.0

148 64.1 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 19.780 ug/l

RT: 13.692 min Scan# 1990

Delta R.T. -0.000 min

Lab File: VN072340.D

Acq: 05 May 2022 13:17

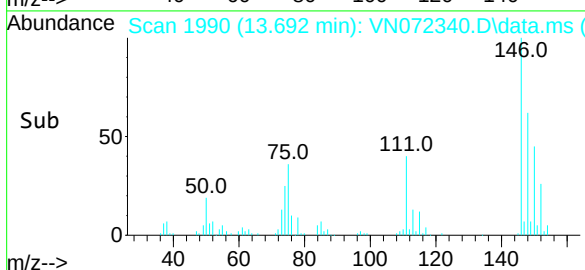
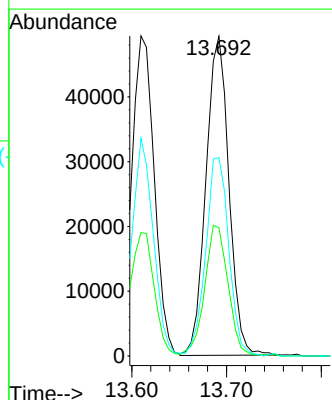
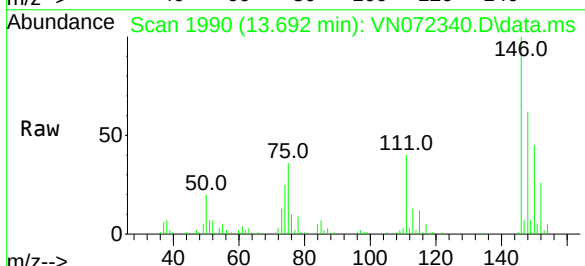
Tgt Ion:146 Resp: 82794

Ion Ratio Lower Upper

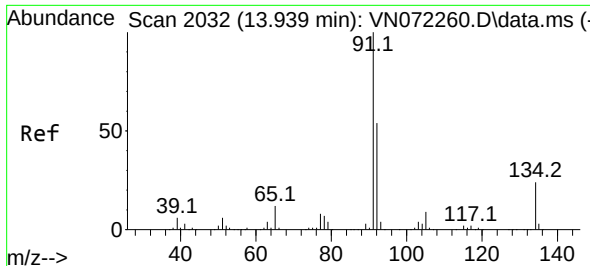
146 100

111 41.9 19.1 57.1

148 62.9 31.4 94.3



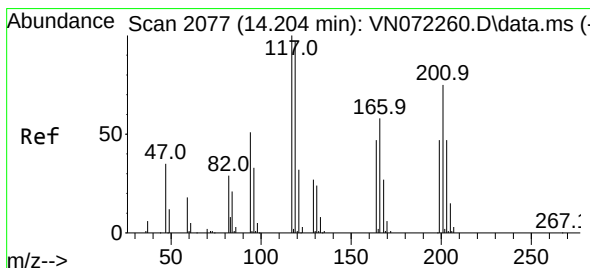
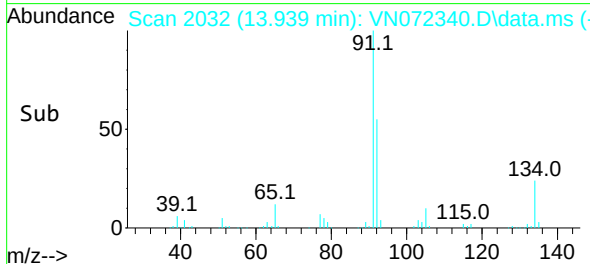
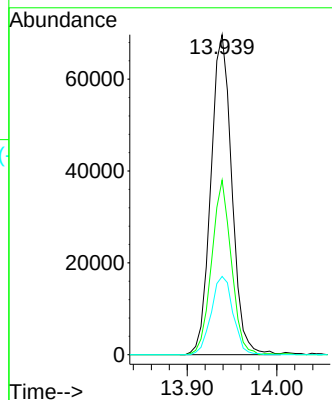
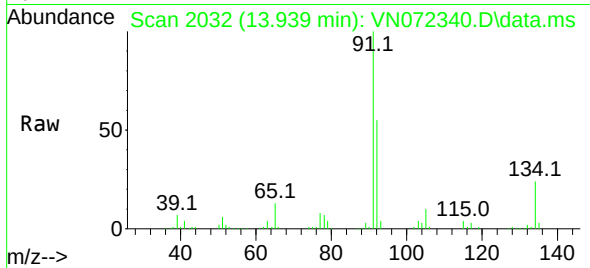




#89  
n-Butylbenzene  
Concen: 17.659 ug/l  
RT: 13.939 min Scan# 2032  
Delta R.T. -0.000 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

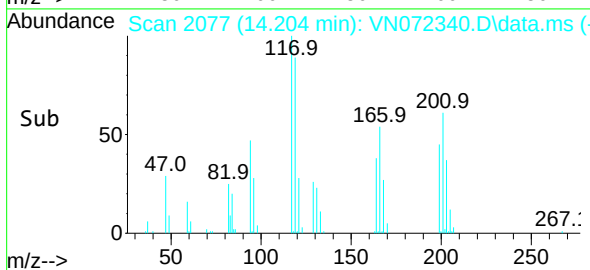
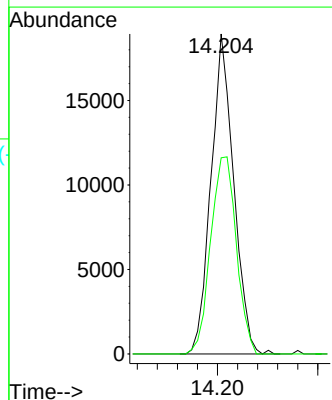
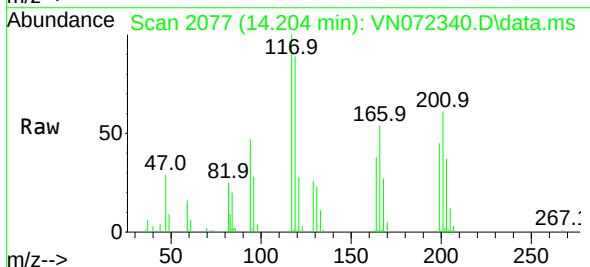
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505MBS01

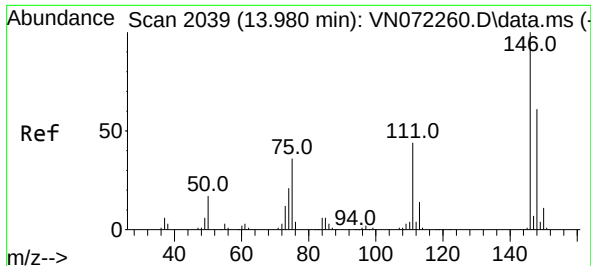
Tgt Ion: 91 Resp: 113052  
Ion Ratio Lower Upper  
91 100  
92 51.2 26.9 80.7  
134 25.5 13.6 40.8



#90  
Hexachloroethane  
Concen: 16.378 ug/l  
RT: 14.204 min Scan# 2077  
Delta R.T. -0.000 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

Tgt Ion: 117 Resp: 29715  
Ion Ratio Lower Upper  
117 100  
201 69.8 40.6 122.0





#91

1,2-Dichlorobenzene

Concen: 20.061 ug/l

RT: 13.980 min Scan# 2039

Delta R.T. -0.006 min

Lab File: VN072340.D

Acq: 05 May 2022 13:17

Instrument :

MSVOA\_N

ClientSampleId :

VN0505MBS01

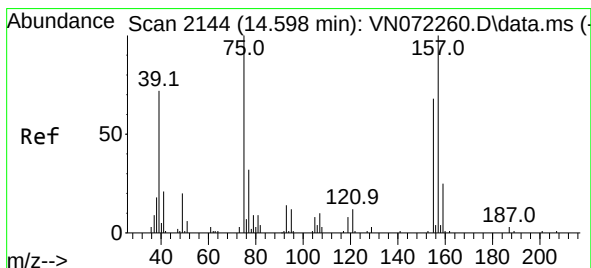
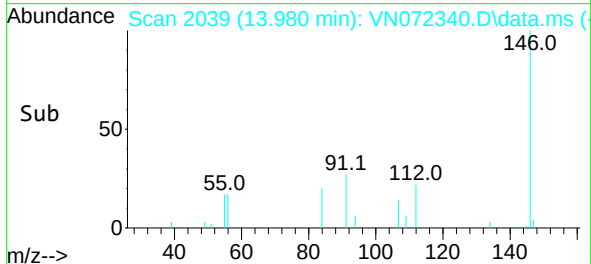
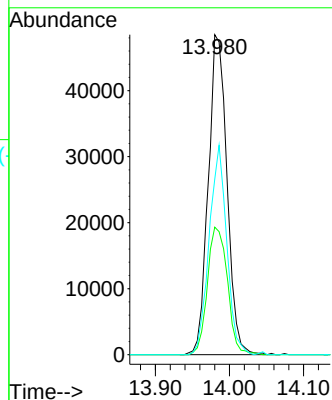
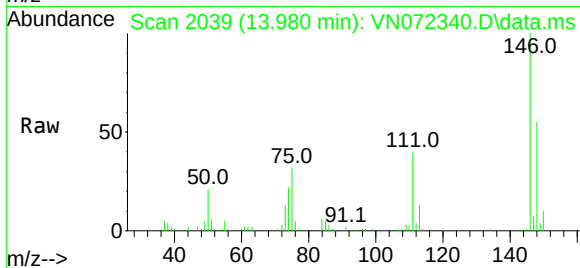
Tgt Ion:146 Resp: 85104

Ion Ratio Lower Upper

146 100

111 42.6 20.9 62.8

148 61.5 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.901 ug/l

RT: 14.598 min Scan# 2144

Delta R.T. -0.000 min

Lab File: VN072340.D

Acq: 05 May 2022 13:17

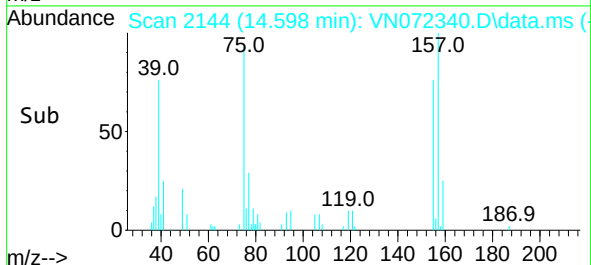
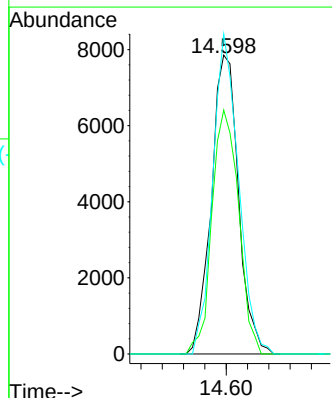
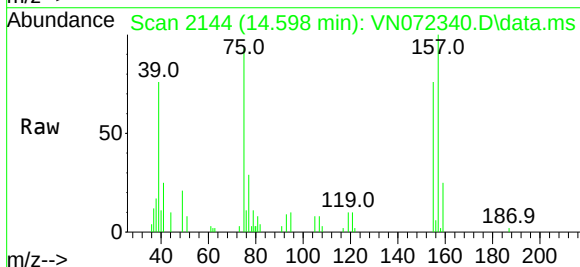
Tgt Ion: 75 Resp: 13923

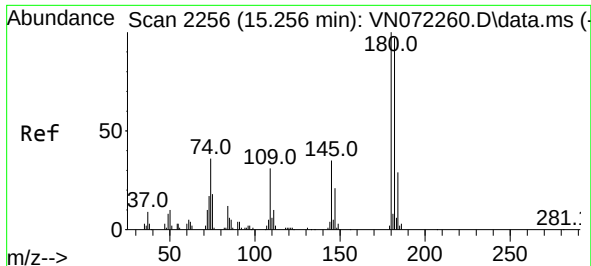
Ion Ratio Lower Upper

75 100

155 80.2 44.9 134.5

157 101.5 59.0 176.8

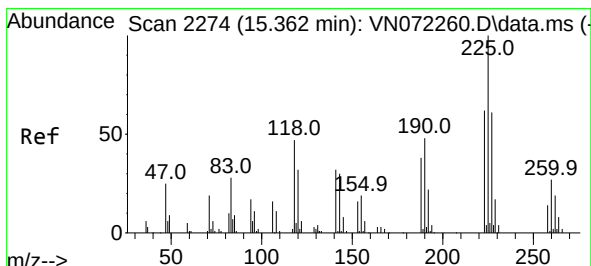
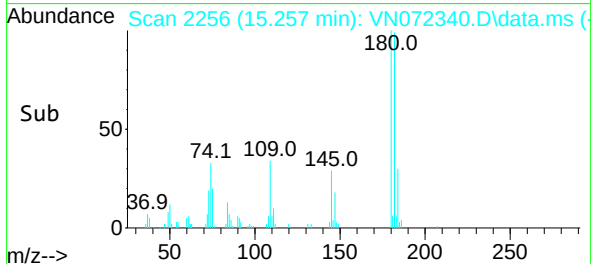
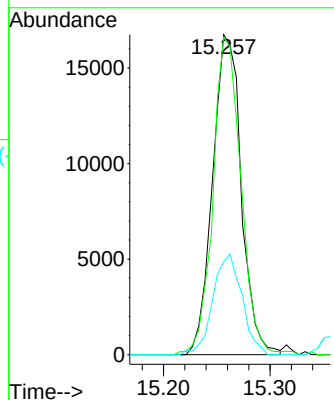
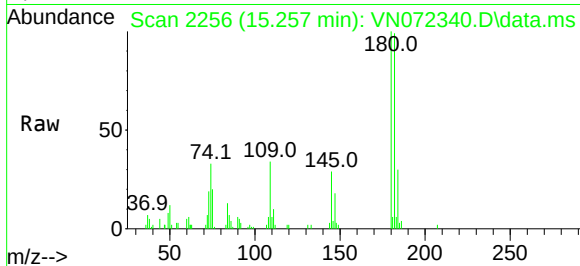




#93  
1,2,4-Trichlorobenzene  
Concen: 17.592 ug/l  
RT: 15.257 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

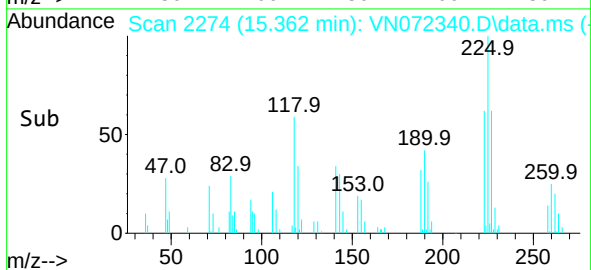
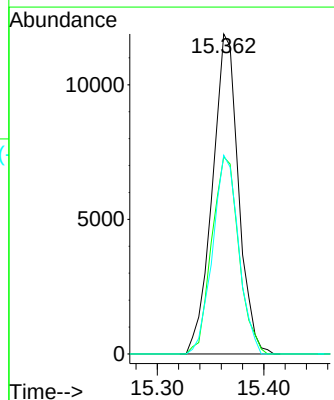
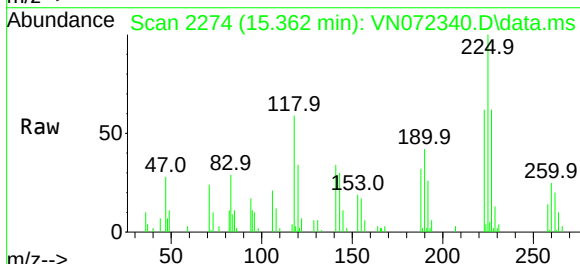
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505MBS01

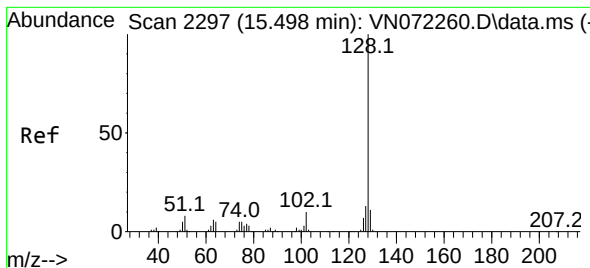
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.0  | 47.5  | 142.5 |
| 145     | 31.9  | 14.5  | 43.5  |



#94  
Hexachlorobutadiene  
Concen: 17.773 ug/l  
RT: 15.362 min Scan# 2274  
Delta R.T. -0.001 min  
Lab File: VN072340.D  
Acq: 05 May 2022 13:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.8  | 32.4  | 97.2  |
| 227     | 61.8  | 31.8  | 95.4  |





#95

Naphthalene

Concen: 17.041 ug/l

RT: 15.504 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN072340.D

Acq: 05 May 2022 13:17

Instrument :

MSVOA\_N

ClientSampleId :

VN0505MBS01

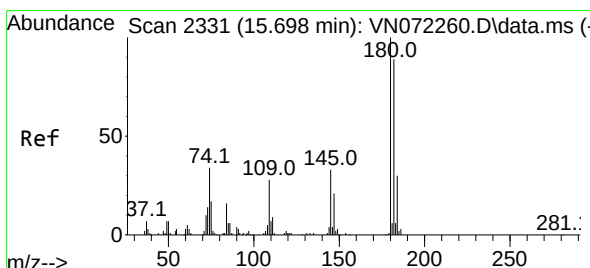
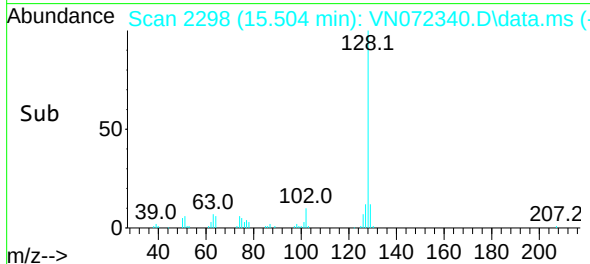
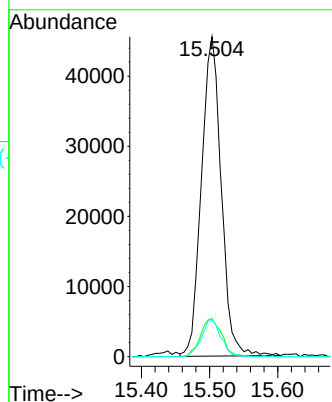
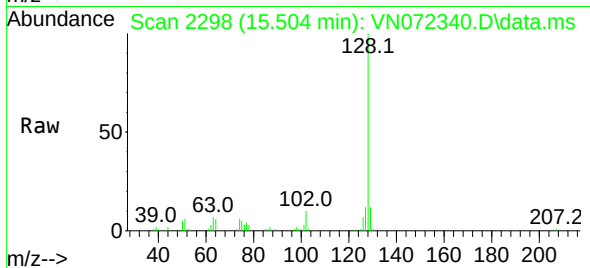
Tgt Ion:128 Resp: 91935

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 11.4 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.567 ug/l

RT: 15.692 min Scan# 2330

Delta R.T. -0.000 min

Lab File: VN072340.D

Acq: 05 May 2022 13:17

Tgt Ion:180 Resp: 32820

Ion Ratio Lower Upper

180 100

182 94.6 47.8 143.3

145 33.2 15.5 46.5

