

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN080122\  
 Data File : VN073652.D  
 Acq On : 01 Aug 2022 11:26  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Aug 02 04:57:43 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N072822W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 29 02:20:25 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.016  | 168  | 359891   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.904  | 114  | 560974   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.686 | 117  | 534210   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.610 | 152  | 273288   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.369  | 65    | 217236   | 49.531   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 99.060%  |
| 35) Dibromofluoromethane    | 7.951  | 113   | 187053   | 53.101   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 106.200% |
| 50) Toluene-d8              | 10.380 | 98    | 761893   | 54.964   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 109.920% |
| 62) 4-Bromofluorobenzene    | 12.668 | 95    | 251704   | 53.602   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 107.200% |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.046 | 85  | 158356  | 45.365  | ug/l   | 96  |
| 3) Chloromethane             | 2.269 | 50  | 219084  | 52.337  | ug/l   | 98  |
| 4) Vinyl Chloride            | 2.404 | 62  | 275350  | 45.102  | ug/l   | 95  |
| 5) Bromomethane              | 2.787 | 94  | 170679  | 48.205  | ug/l   | 97  |
| 6) Chloroethane              | 2.957 | 64  | 193757  | 54.610  | ug/l   | 99  |
| 7) Trichlorofluoromethane    | 3.316 | 101 | 289374  | 45.992  | ug/l   | 100 |
| 8) Diethyl Ether             | 3.763 | 74  | 110313  | 46.693  | ug/l   | 99  |
| 9) 1,1,2-Trichlorotrifluo... | 4.140 | 101 | 174050  | 49.999  | ug/l   | 99  |
| 10) Methyl Iodide            | 4.351 | 142 | 202153  | 57.123  | ug/l   | 98  |
| 11) Tert butyl alcohol       | 5.281 | 59  | 206884  | 218.723 | ug/l   | 100 |
| 12) 1,1-Dichloroethene       | 4.110 | 96  | 163110  | 47.769  | ug/l   | 99  |
| 13) Acrolein                 | 3.975 | 56  | 270648  | 288.620 | ug/l   | 99  |
| 14) Allyl chloride           | 4.757 | 41  | 252651  | 46.281  | ug/l   | 96  |
| 15) Acrylonitrile            | 5.469 | 53  | 634800  | 242.618 | ug/l   | 99  |
| 16) Acetone                  | 4.216 | 43  | 506958  | 215.207 | ug/l   | 97  |
| 17) Carbon Disulfide         | 4.451 | 76  | 425521  | 47.000  | ug/l   | 100 |
| 18) Methyl Acetate           | 4.769 | 43  | 272631  | 46.519  | ug/l   | 99  |
| 19) Methyl tert-butyl Ether  | 5.534 | 73  | 600524  | 51.481  | ug/l   | 97  |
| 20) Methylene Chloride       | 5.010 | 84  | 204732  | 53.895  | ug/l   | 99  |
| 21) trans-1,2-Dichloroethene | 5.510 | 96  | 186364  | 50.420  | ug/l   | 96  |
| 22) Diisopropyl ether        | 6.410 | 45  | 590542  | 50.141  | ug/l   | 99  |
| 23) Vinyl Acetate            | 6.345 | 43  | 2572730 | 260.542 | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 6.298 | 63  | 346269  | 47.790  | ug/l   | 98  |
| 25) 2-Butanone               | 7.257 | 43  | 875301  | 239.263 | ug/l   | 100 |
| 26) 2,2-Dichloropropane      | 7.245 | 77  | 269863  | 48.409  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 7.245 | 96  | 229043  | 50.294  | ug/l   | 94  |
| 28) Bromochloromethane       | 7.580 | 49  | 158240  | 52.013  | ug/l   | 100 |
| 29) Tetrahydrofuran          | 7.604 | 42  | 566240  | 244.811 | ug/l   | 97  |
| 30) Chloroform               | 7.745 | 83  | 375387  | 49.726  | ug/l   | 99  |
| 31) Cyclohexane              | 8.022 | 56  | 307352  | 47.071  | ug/l   | 99  |
| 32) 1,1,1-Trichloroethane    | 7.939 | 97  | 309232  | 49.333  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 8.151 | 75  | 273622  | 54.501  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.333 | 43  | 334827  | 50.641  | ug/l   | 97  |
| 38) Carbon Tetrachloride     | 8.133 | 117 | 275003  | 53.932  | ug/l   | 100 |
| 39) Methylcyclohexane        | 9.392 | 83  | 340591  | 56.771  | ug/l   | 98  |
| 40) Benzene                  | 8.386 | 78  | 856599  | 52.542  | ug/l   | 100 |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Aug 02 04:57:43 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N072822W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 29 02:20:25 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.569  | 41   | 148446   | 49.616   | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 8.463  | 62   | 280928   | 51.129   | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.492  | 43   | 472043   | 52.857   | ug/l   | 99       |
| 44) Trichloroethene           | 9.145  | 130  | 219021   | 52.977   | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.427  | 63   | 212809   | 52.223   | ug/l   | 99       |
| 46) Dibromomethane            | 9.510  | 93   | 149872   | 52.991   | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.698  | 83   | 291313   | 53.667   | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.498  | 41   | 211436   | 54.088   | ug/l   | 92       |
| 49) 1,4-Dioxane               | 9.504  | 88   | 111467   | 1011.559 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone      | 10.269 | 43   | 1724717  | 269.264  | ug/l   | 100      |
| 52) Toluene                   | 10.445 | 92   | 555531   | 55.787   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.657 | 75   | 304742   | 56.828   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.127 | 75   | 333952   | 55.263   | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane     | 10.839 | 97   | 227467   | 54.777   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.704 | 69   | 346566   | 60.554   | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 10.986 | 76   | 381732   | 54.182   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.980  | 63   | 767164   | 253.171  | ug/l   | 99       |
| 59) 2-Hexanone                | 11.027 | 43   | 1329224  | 273.902  | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.174 | 129  | 238923   | 57.835   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.286 | 107  | 236184   | 55.224   | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.916 | 164  | 223197   | 52.572   | ug/l   | 96       |
| 65) Chlorobenzene             | 11.710 | 112  | 603742   | 53.207   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.780 | 131  | 219554   | 53.945   | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.786 | 91   | 1072350  | 56.018   | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.892 | 106  | 844677   | 115.691  | ug/l   | 99       |
| 69) o-Xylene                  | 12.221 | 106  | 418064   | 58.732   | ug/l   | 98       |
| 70) Styrene                   | 12.233 | 104  | 698100   | 61.266   | ug/l   | 98       |
| 71) Bromoform                 | 12.398 | 173  | 192764   | 57.381   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.521 | 105  | 1077918  | 53.881   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.327 | 43   | 394413   | 52.181   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.768 | 83   | 359530   | 46.572   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.821 | 75   | 451560   | 92.967   | ug/l # | 1        |
| 77) Bromobenzene              | 12.798 | 156  | 268954   | 51.625   | ug/l   | 97       |
| 78) n-propylbenzene           | 12.863 | 91   | 1261482  | 56.041   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.945 | 91   | 734800   | 52.302   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.998 | 105  | 907597   | 55.129   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.568 | 75   | 110028   | 52.175   | ug/l   | 99       |
| 82) 4-Chlorotoluene           | 13.045 | 91   | 704065   | 52.877   | ug/l   | 96       |
| 83) tert-Butylbenzene         | 13.262 | 119  | 790578   | 54.215   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.304 | 105  | 909102   | 56.158   | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.439 | 105  | 1136531  | 56.391   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.557 | 119  | 960358   | 60.445   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.551 | 146  | 494822   | 52.035   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.633 | 146  | 491030   | 51.608   | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.880 | 91   | 763138   | 59.032   | ug/l   | 99       |
| 90) Hexachloroethane          | 14.151 | 117  | 164308   | 52.123   | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 13.927 | 146  | 498581   | 51.740   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.539 | 75   | 77209    | 49.778   | ug/l   | 93       |
| 93) 1,2,4-Trichlorobenzene    | 15.198 | 180  | 279067   | 58.317   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.304 | 225  | 138604   | 53.278   | ug/l   | 98       |
| 95) Naphthalene               | 15.433 | 128  | 906575   | 58.381   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.627 | 180  | 284261   | 56.441   | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN080122\  
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Operator : JC\MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

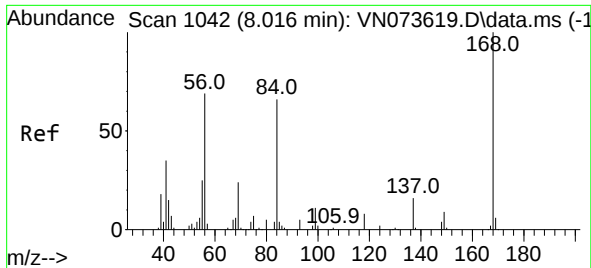
Quant Time: Aug 02 04:57:43 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N072822W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jul 29 02:20:25 2022  
Response via : Initial Calibration

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

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N072822W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jul 29 02:20:25 2022  
Response via : Initial Calibration

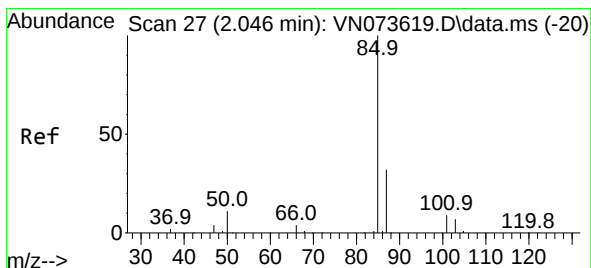
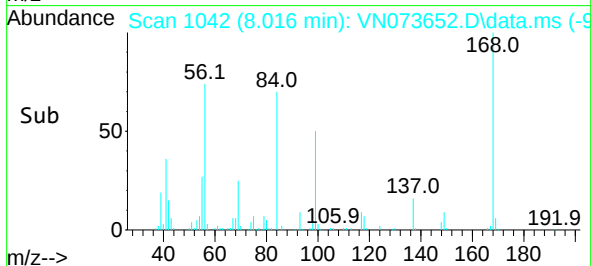
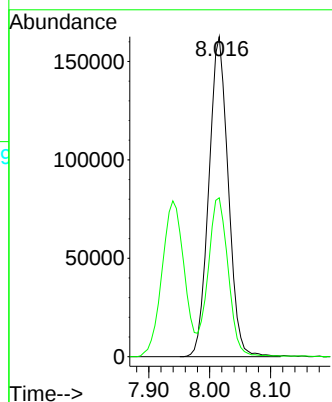
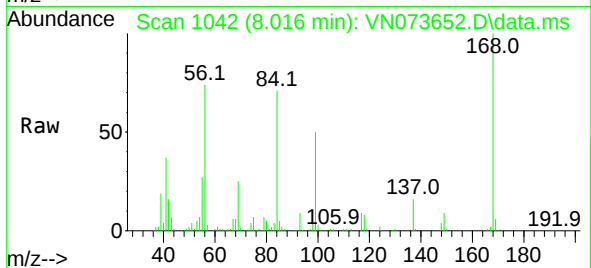




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.016 min Scan# 1042  
Delta R.T. -0.000 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26

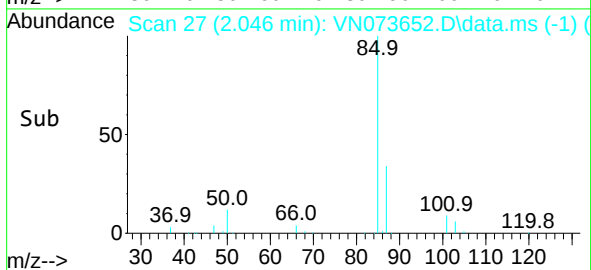
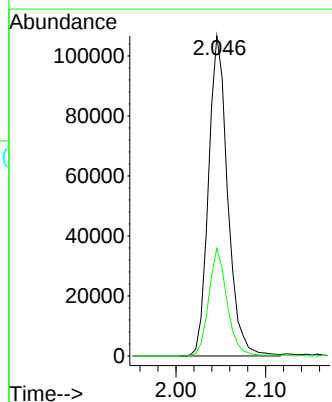
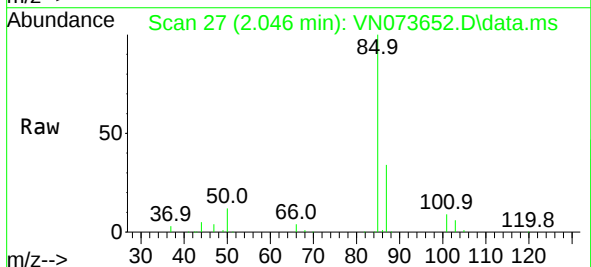
Instrument :  
MSVOA\_N  
ClientSampleId :

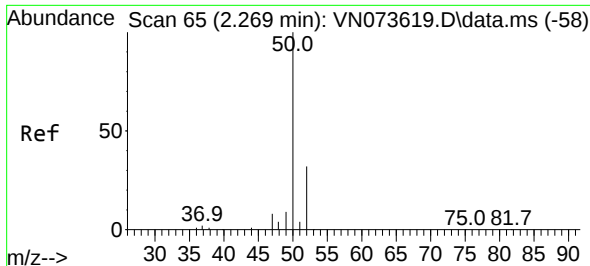
Tgt Ion:168 Resp: 359891  
Ion Ratio Lower Upper  
168 100  
99 49.5 42.3 63.5



#2  
Dichlorodifluoromethane  
Concen: 45.365 ug/l  
RT: 2.046 min Scan# 27  
Delta R.T. -0.000 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26

Tgt Ion: 85 Resp: 158356  
Ion Ratio Lower Upper  
85 100  
87 33.6 15.7 47.1

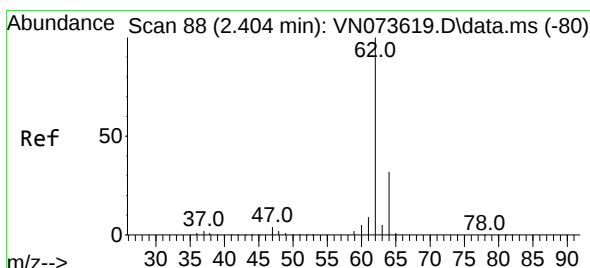
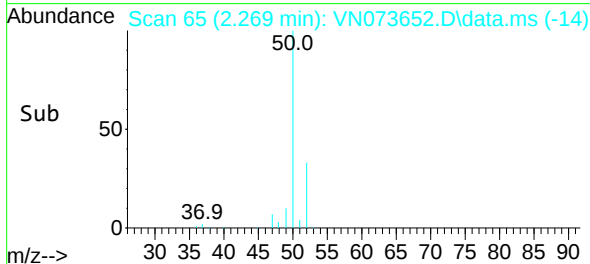
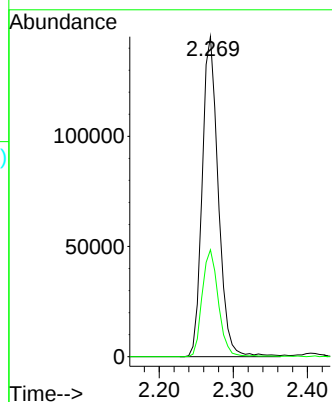
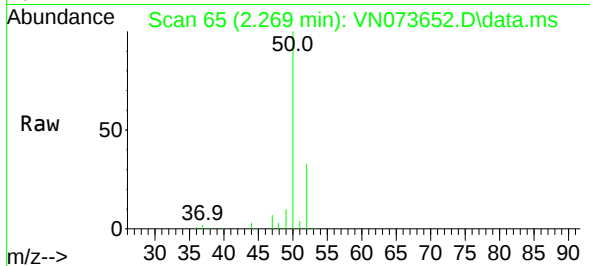




#3  
Chloromethane  
Concen: 52.337 ug/l  
RT: 2.269 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26

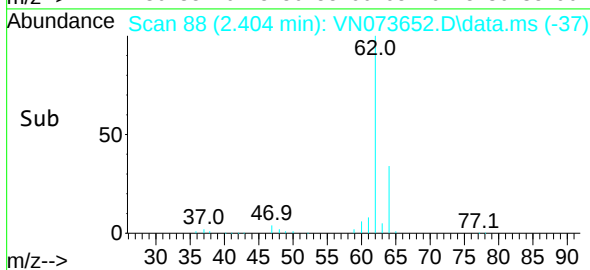
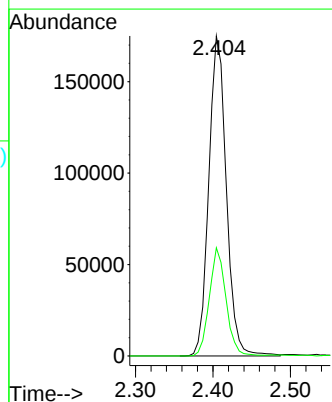
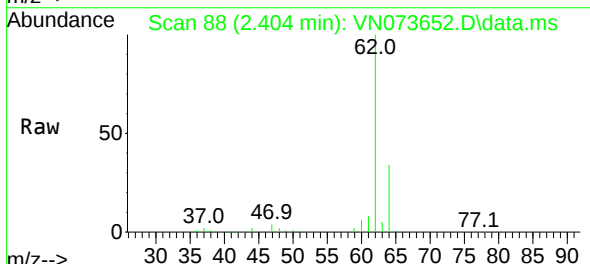
Instrument :  
MSVOA\_N  
ClientSampleId :

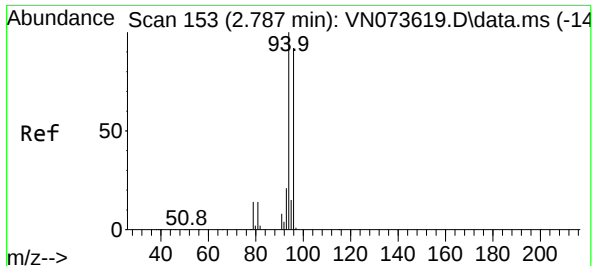
Tgt Ion: 50 Resp: 219084  
Ion Ratio Lower Upper  
50 100  
52 33.4 25.7 38.5



#4  
Vinyl Chloride  
Concen: 45.102 ug/l  
RT: 2.404 min Scan# 88  
Delta R.T. -0.000 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26

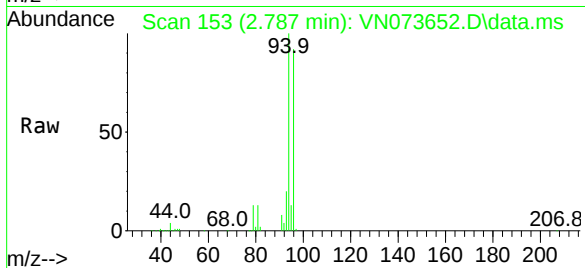
Tgt Ion: 62 Resp: 275350  
Ion Ratio Lower Upper  
62 100  
64 33.8 25.0 37.4



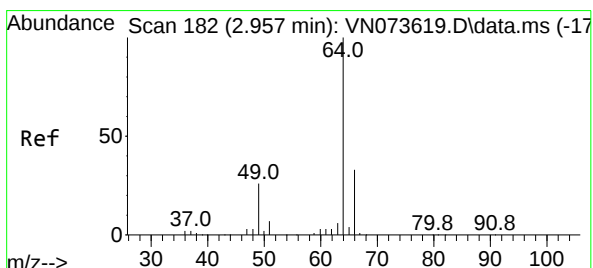
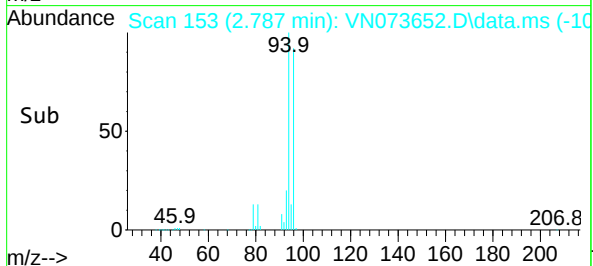
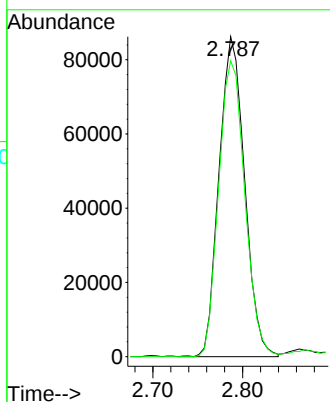


#5  
Bromomethane  
Concen: 48.205 ug/l  
RT: 2.787 min Scan# 153  
Delta R.T. -0.000 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26

Instrument :  
MSVOA\_N  
ClientSampleId :

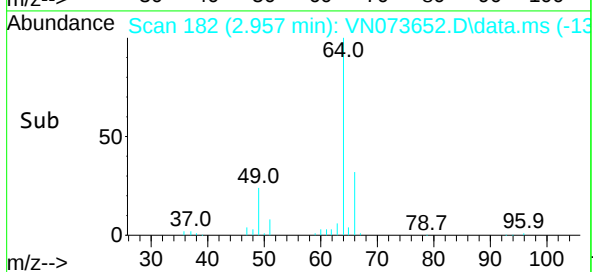
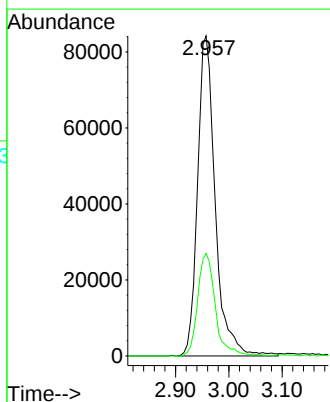
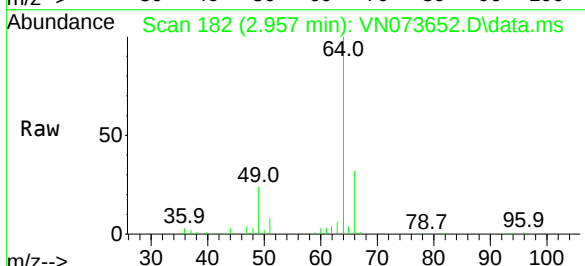


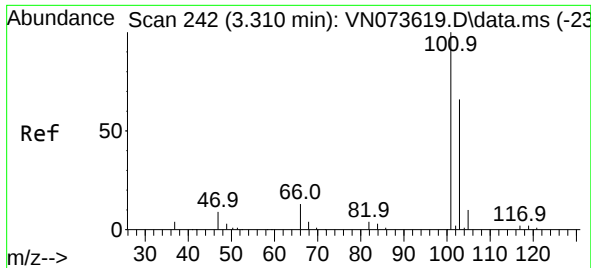
Tgt Ion: 94 Resp: 170679  
Ion Ratio Lower Upper  
94 100  
96 92.4 76.0 114.0



#6  
Chloroethane  
Concen: 54.610 ug/l  
RT: 2.957 min Scan# 182  
Delta R.T. 0.000 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26

Tgt Ion: 64 Resp: 193757  
Ion Ratio Lower Upper  
64 100  
66 32.1 26.2 39.4

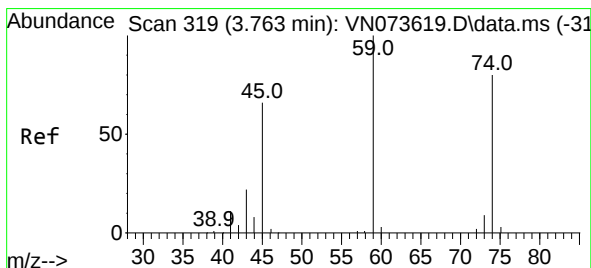
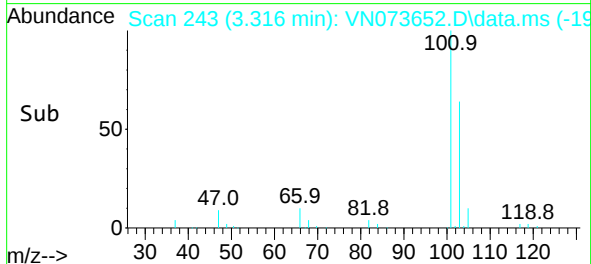
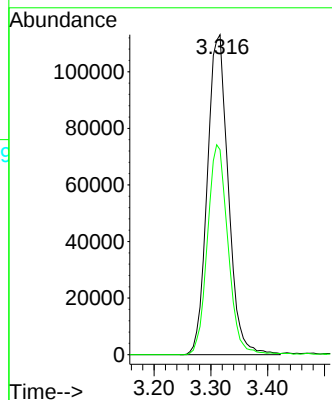
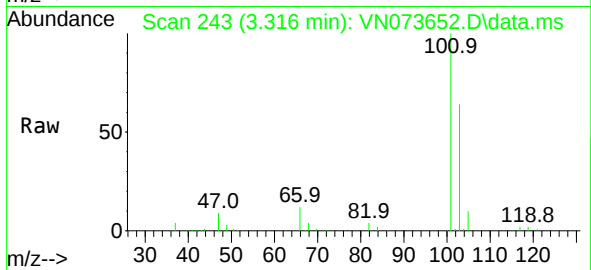




#7  
 Trichlorofluoromethane  
 Concen: 45.992 ug/l  
 RT: 3.316 min Scan# 242  
 Delta R.T. 0.006 min  
 Lab File: VN073652.D  
 Acq: 01 Aug 2022 11:26

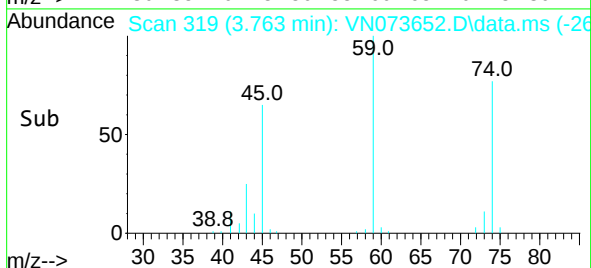
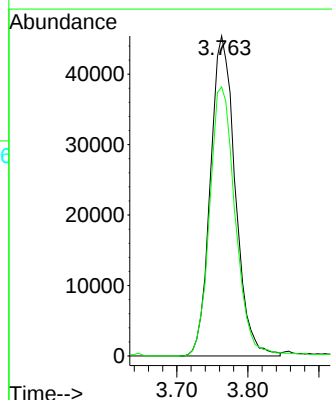
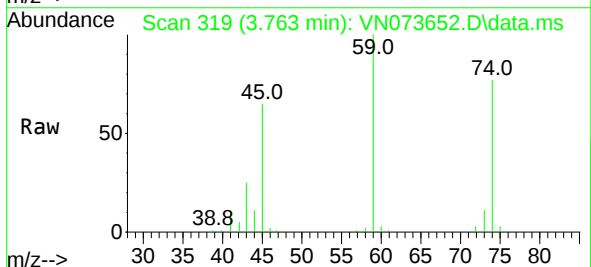
Instrument :  
 MSVOA\_N  
 ClientSampleId :

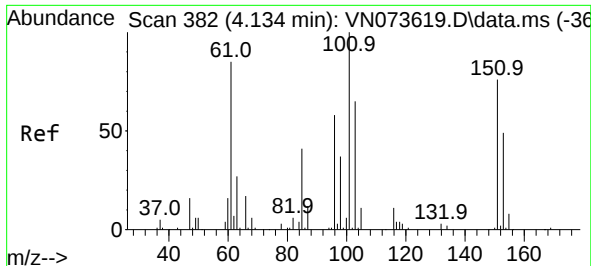
Tgt Ion:101 Resp: 289374  
 Ion Ratio Lower Upper  
 101 100  
 103 64.1 51.5 77.3



#8  
 Diethyl Ether  
 Concen: 46.693 ug/l  
 RT: 3.763 min Scan# 319  
 Delta R.T. -0.000 min  
 Lab File: VN073652.D  
 Acq: 01 Aug 2022 11:26

Tgt Ion: 74 Resp: 110313  
 Ion Ratio Lower Upper  
 74 100  
 45 87.1 42.9 128.5

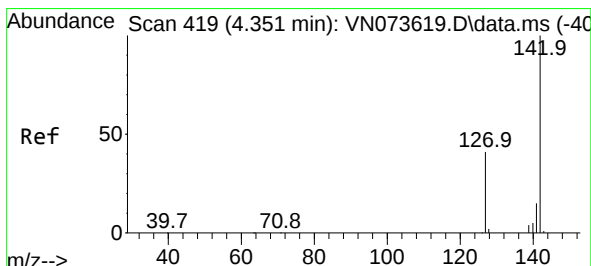
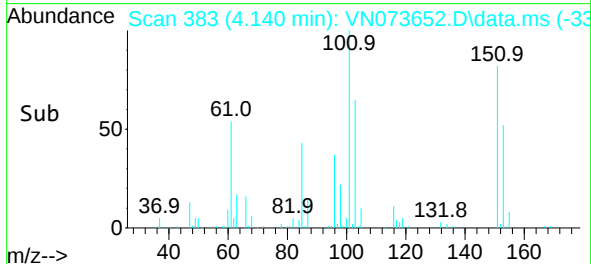
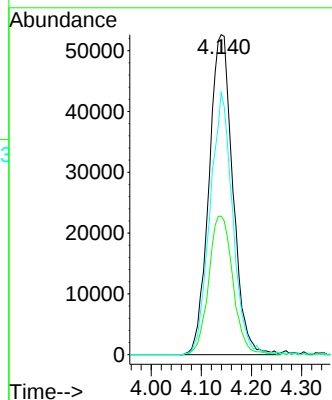
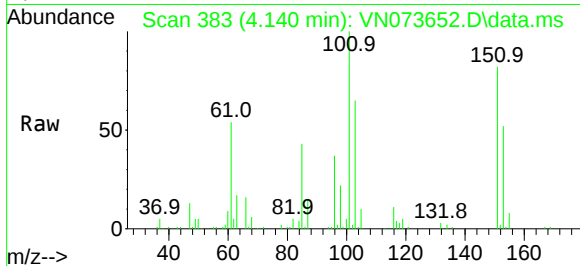




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 49.999 ug/l  
RT: 4.140 min Scan# 382  
Delta R.T. 0.006 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26

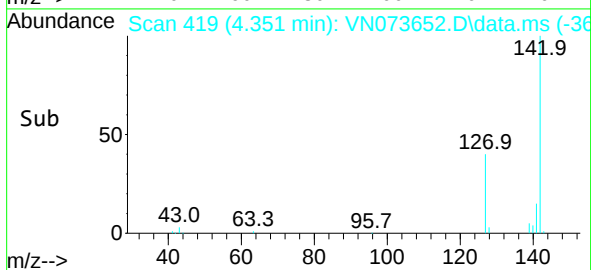
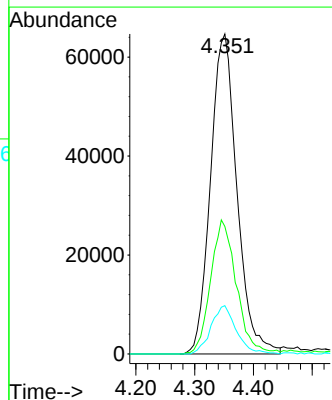
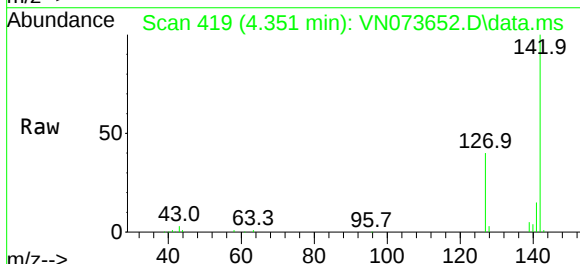
Instrument :  
MSVOA\_N  
ClientSampleId :

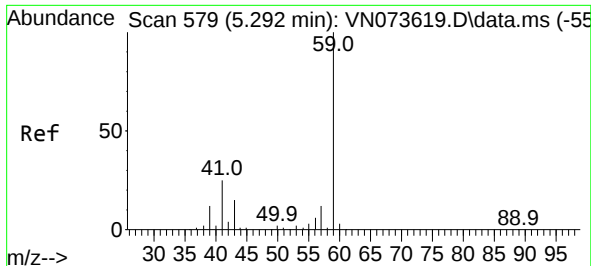
Tgt Ion:101 Resp: 174050  
Ion Ratio Lower Upper  
101 100  
85 43.9 34.7 52.1  
151 77.7 63.0 94.4



#10  
Methyl Iodide  
Concen: 57.123 ug/l  
RT: 4.351 min Scan# 419  
Delta R.T. -0.000 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26

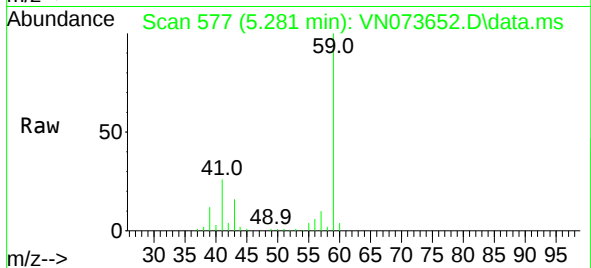
Tgt Ion:142 Resp: 202153  
Ion Ratio Lower Upper  
142 100  
127 40.9 31.3 46.9  
141 14.4 11.2 16.8



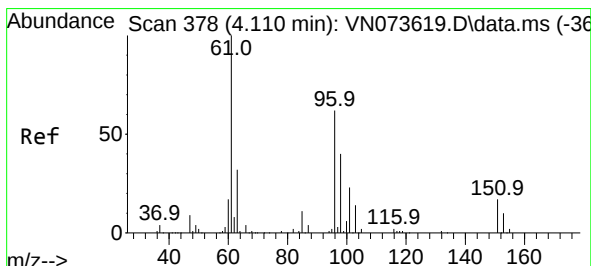
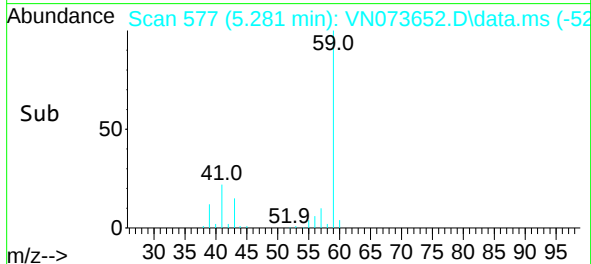
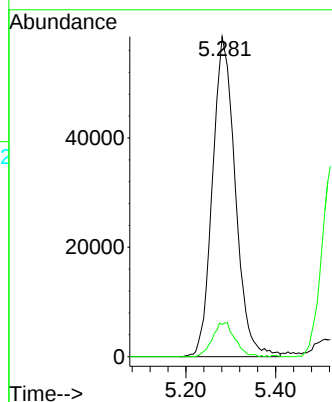


#11  
Tert butyl alcohol  
Concen: 218.723 ug/l  
RT: 5.281 min Scan# 51  
Delta R.T. -0.011 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26

Instrument :  
MSVOA\_N  
ClientSampleId :

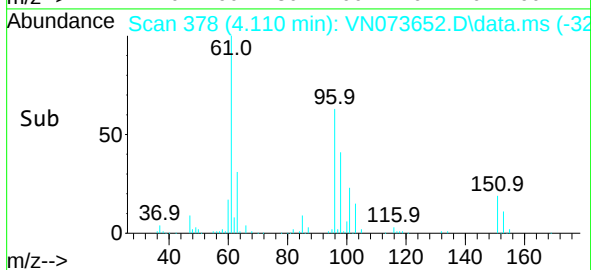
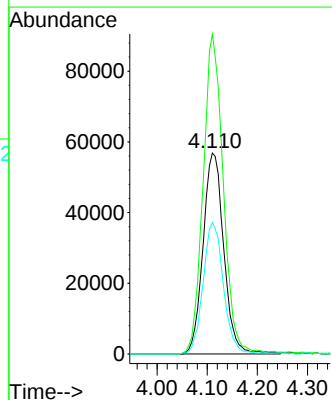
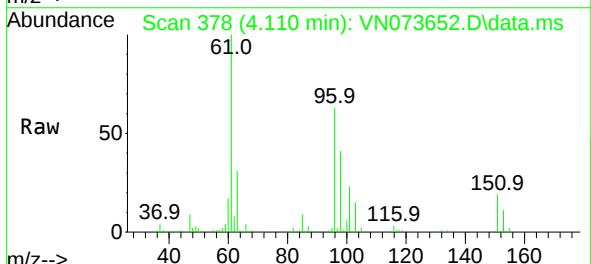


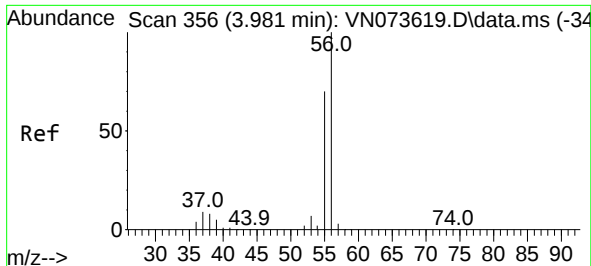
Tgt Ion: 59 Resp: 206884  
Ion Ratio Lower Upper  
59 100  
57 10.4 8.3 12.5



#12  
1,1-Dichloroethene  
Concen: 47.769 ug/l  
RT: 4.110 min Scan# 378  
Delta R.T. -0.000 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26

Tgt Ion: 96 Resp: 163110  
Ion Ratio Lower Upper  
96 100  
61 159.2 127.6 191.4  
98 65.4 51.2 76.8

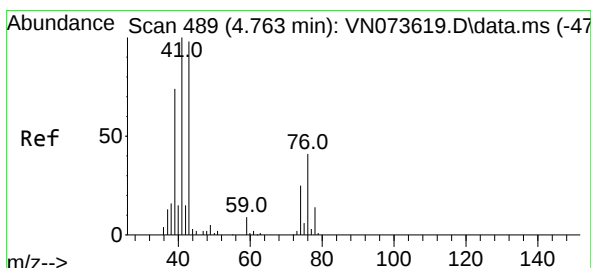
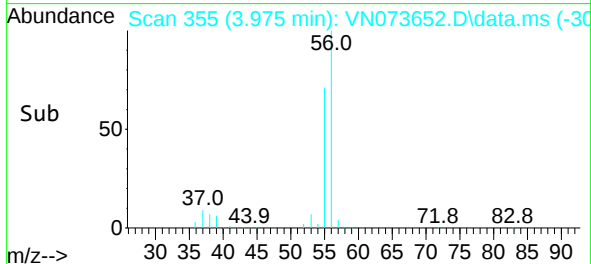
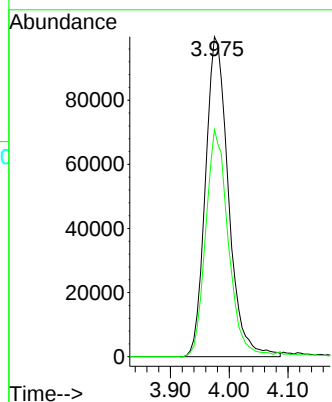
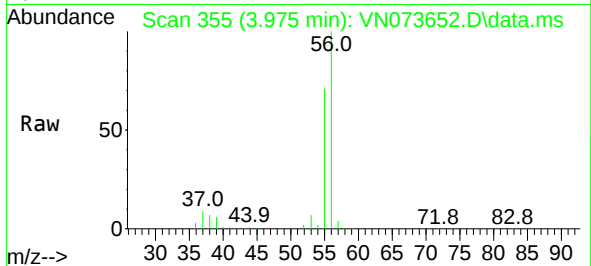




#13  
Acrolein  
Concen: 288.620 ug/l  
RT: 3.975 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26

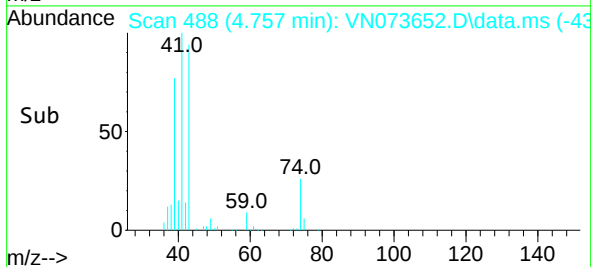
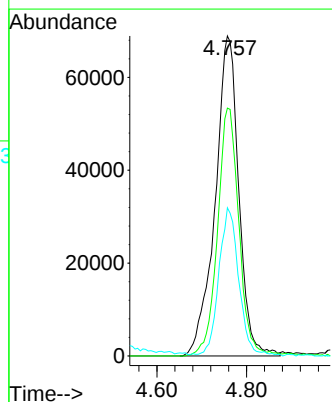
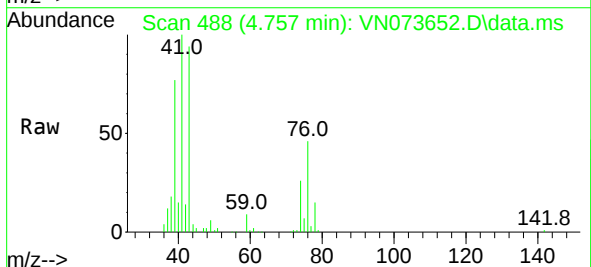
Instrument :  
MSVOA\_N  
ClientSampleId :

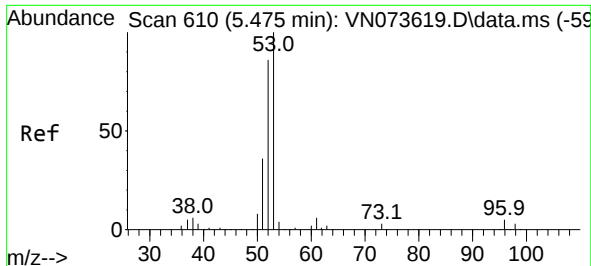
Tgt Ion: 56 Resp: 270648  
Ion Ratio Lower Upper  
56 100  
55 69.7 54.8 82.2



#14  
Allyl chloride  
Concen: 46.281 ug/l  
RT: 4.757 min Scan# 488  
Delta R.T. -0.006 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26

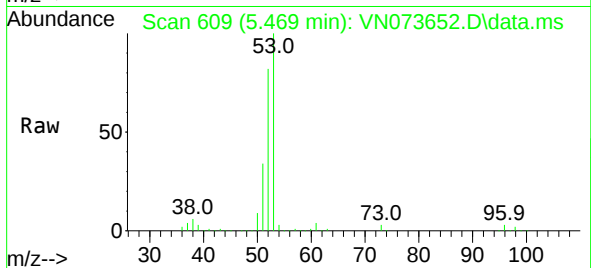
Tgt Ion: 41 Resp: 252651  
Ion Ratio Lower Upper  
41 100  
39 70.0 53.2 79.8  
76 39.2 29.9 44.9



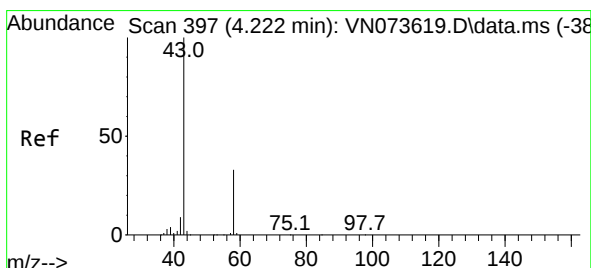
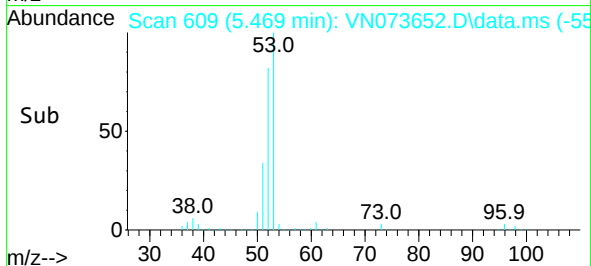
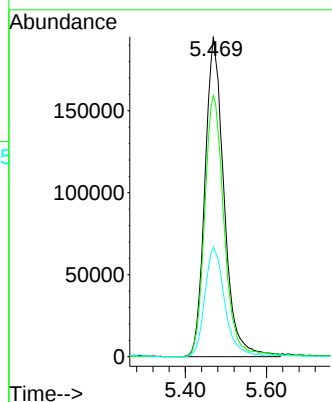


#15  
Acrylonitrile  
Concen: 242.618 ug/l  
RT: 5.469 min Scan# 610  
Delta R.T. -0.006 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26

Instrument :  
MSVOA\_N  
ClientSampleId :

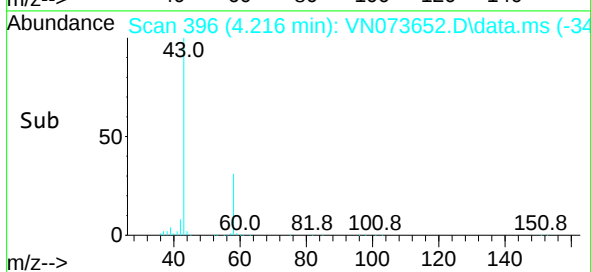
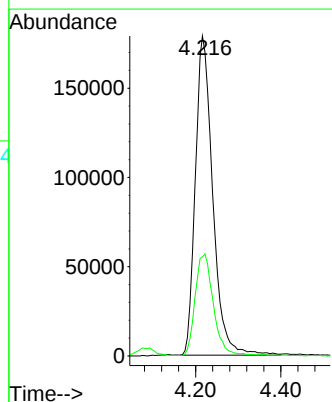
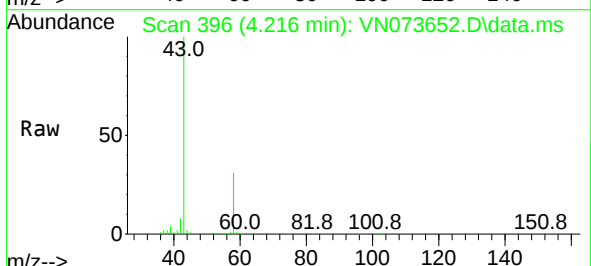


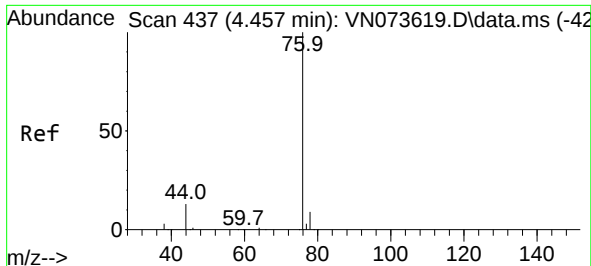
Tgt Ion: 53 Resp: 634800  
Ion Ratio Lower Upper  
53 100  
52 82.5 66.4 99.6  
51 35.9 28.5 42.7



#16  
Acetone  
Concen: 215.207 ug/l  
RT: 4.216 min Scan# 396  
Delta R.T. -0.006 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26

Tgt Ion: 43 Resp: 506958  
Ion Ratio Lower Upper  
43 100  
58 30.9 26.0 39.0

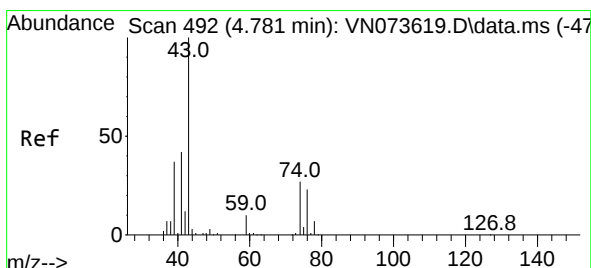
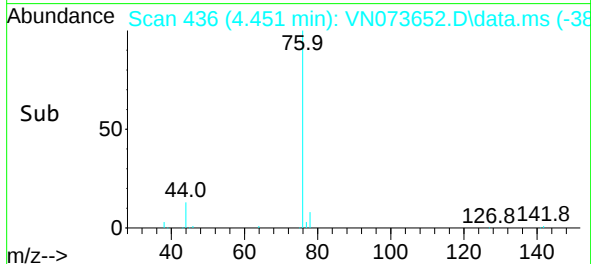
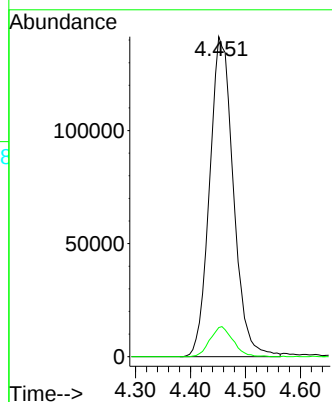
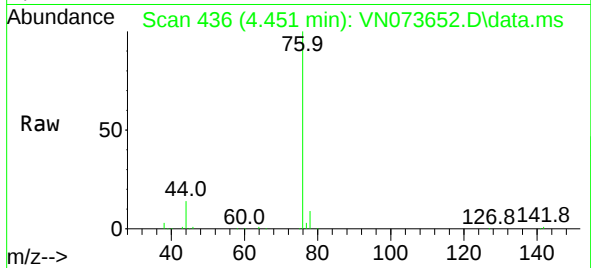




#17  
Carbon Disulfide  
Concen: 47.000 ug/l  
RT: 4.451 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26

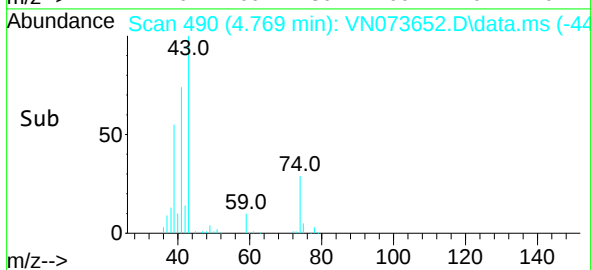
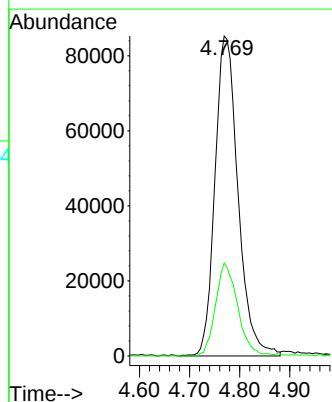
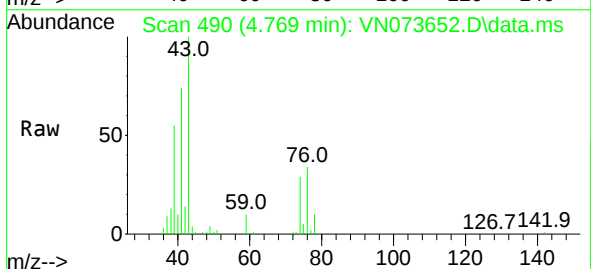
Instrument :  
MSVOA\_N  
ClientSampleId :

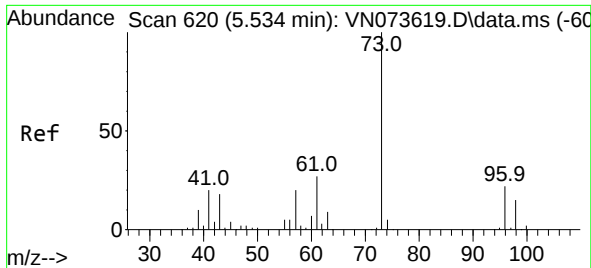
Tgt Ion: 76 Resp: 425521  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.2 10.8



#18  
Methyl Acetate  
Concen: 46.519 ug/l  
RT: 4.769 min Scan# 490  
Delta R.T. -0.012 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26

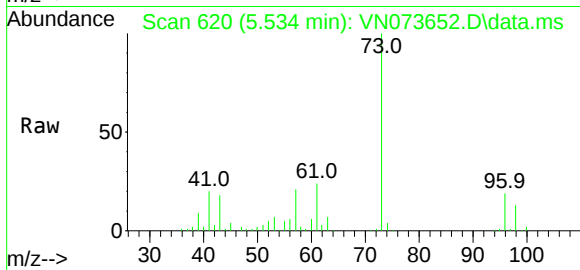
Tgt Ion: 43 Resp: 272631  
Ion Ratio Lower Upper  
43 100  
74 27.8 21.6 32.4



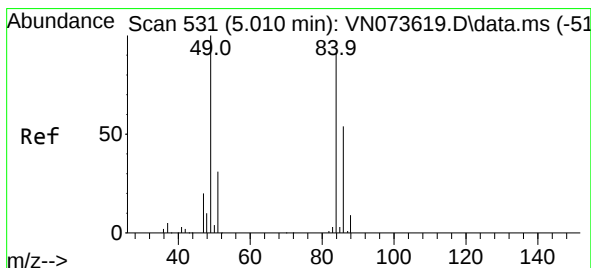
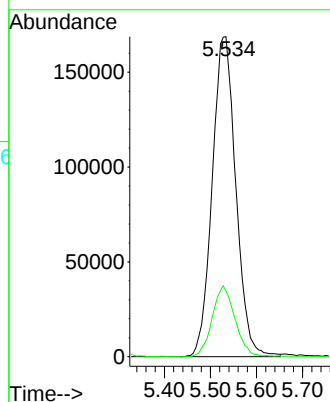
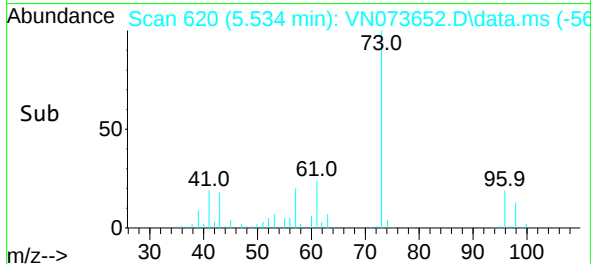


#19  
Methyl tert-butyl Ether  
Concen: 51.481 ug/l  
RT: 5.534 min Scan# 619  
Delta R.T. -0.000 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26

Instrument :  
MSVOA\_N  
ClientSampleId :

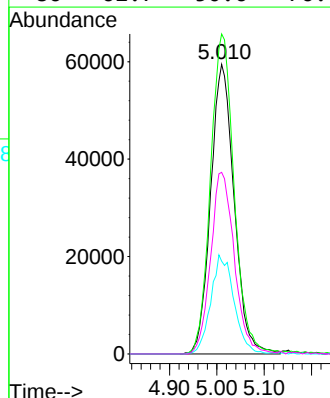
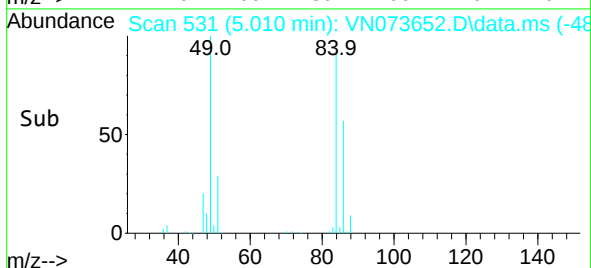
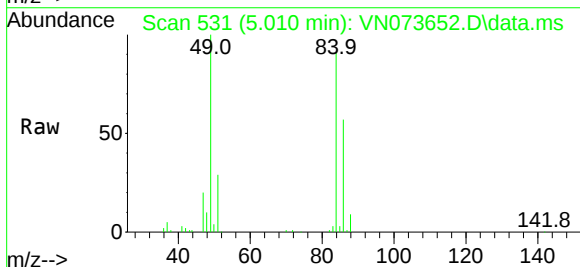


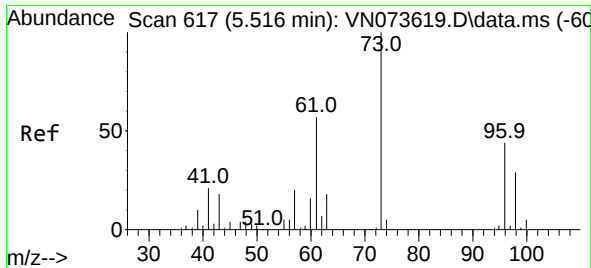
Tgt Ion: 73 Resp: 600524  
Ion Ratio Lower Upper  
73 100  
57 20.5 17.6 26.4



#20  
Methylene Chloride  
Concen: 53.895 ug/l  
RT: 5.010 min Scan# 531  
Delta R.T. 0.000 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26

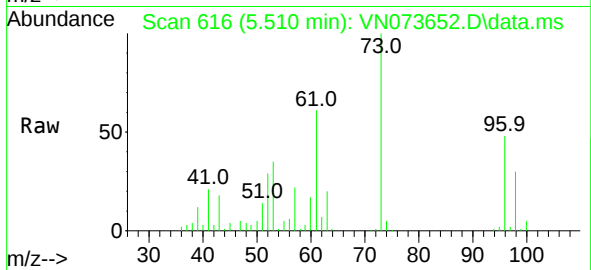
Tgt Ion: 84 Resp: 204732  
Ion Ratio Lower Upper  
84 100  
49 110.5 88.3 132.5  
51 32.1 28.2 42.2  
86 62.7 50.6 76.0



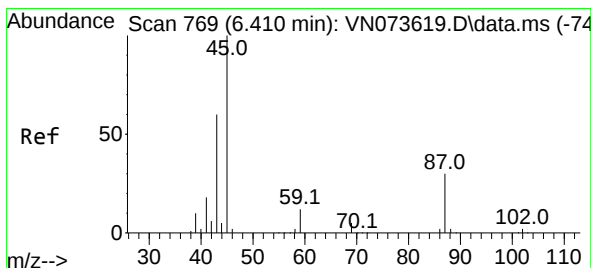
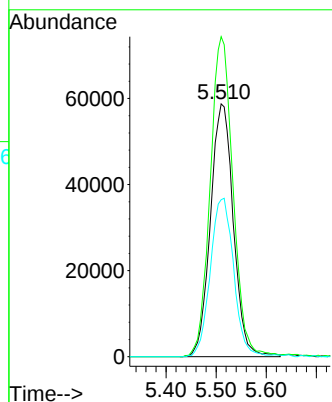
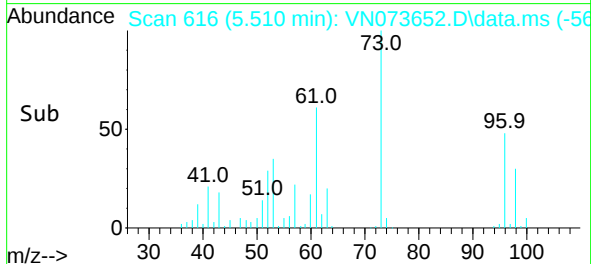


#21  
trans-1,2-Dichloroethene  
Concen: 50.420 ug/l  
RT: 5.510 min Scan# 617  
Delta R.T. -0.006 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26

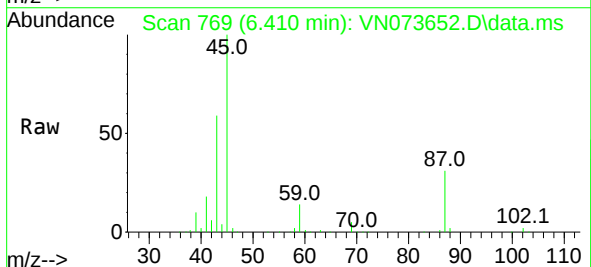
Instrument :  
MSVOA\_N  
ClientSampleId :



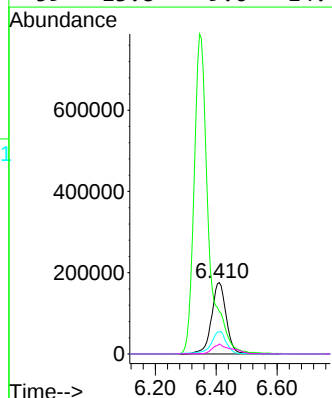
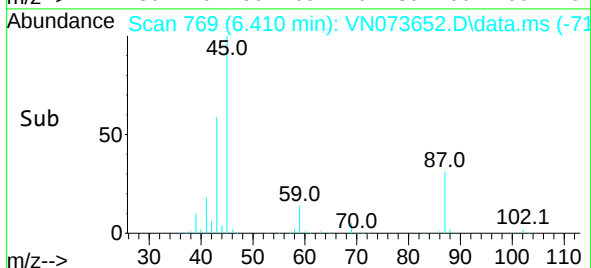
Tgt Ion: 96 Resp: 186364  
Ion Ratio Lower Upper  
96 100  
61 126.6 105.8 158.8  
98 62.1 50.3 75.5

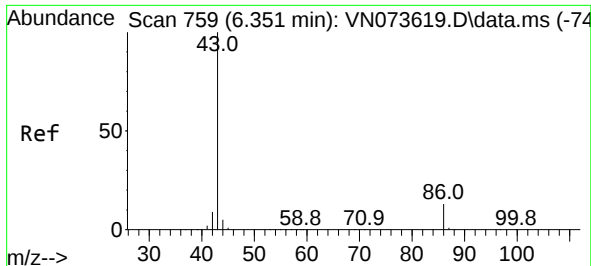


#22  
Diisopropyl ether  
Concen: 50.141 ug/l  
RT: 6.410 min Scan# 769  
Delta R.T. -0.000 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26



Tgt Ion: 45 Resp: 590542  
Ion Ratio Lower Upper  
45 100  
43 58.9 46.6 70.0  
87 31.0 24.3 36.5  
59 13.8 9.6 14.4

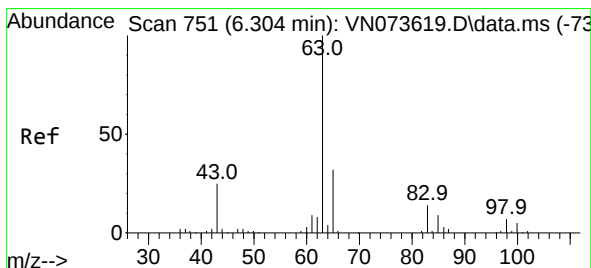
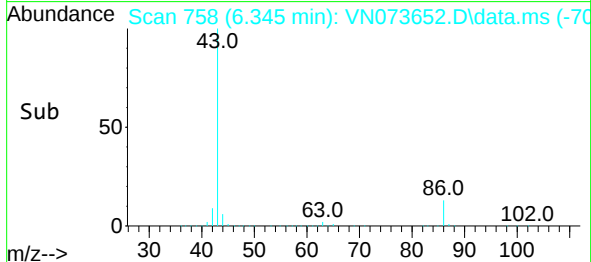
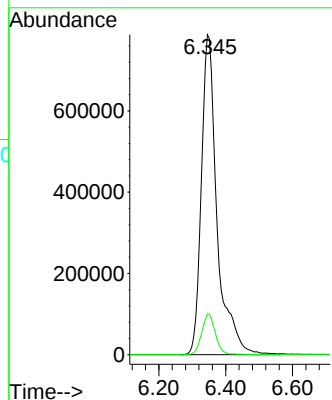
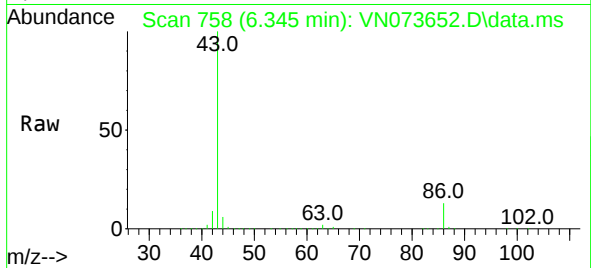




#23  
 Vinyl Acetate  
 Concen: 260.542 ug/l  
 RT: 6.345 min Scan# 71  
 Delta R.T. -0.006 min  
 Lab File: VN073652.D  
 Acq: 01 Aug 2022 11:26

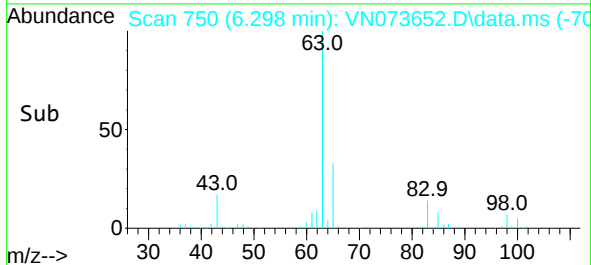
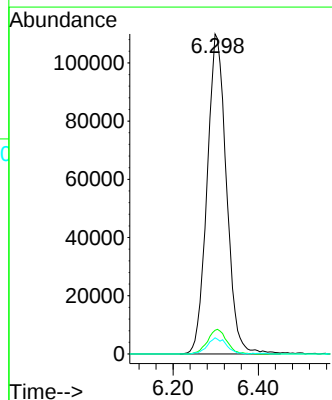
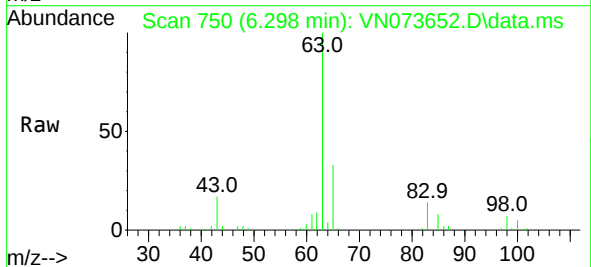
Instrument :  
 MSVOA\_N  
 ClientSampleId :

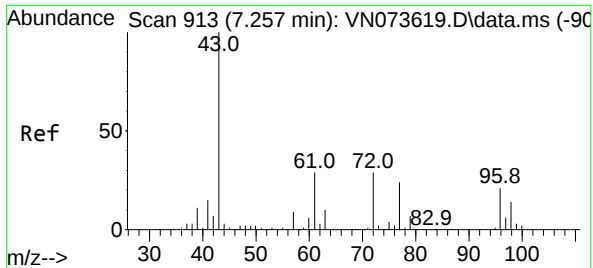
Tgt Ion: 43 Resp: 2572730  
 Ion Ratio Lower Upper  
 43 100  
 86 12.8 10.0 15.0



#24  
 1,1-Dichloroethane  
 Concen: 47.790 ug/l  
 RT: 6.298 min Scan# 750  
 Delta R.T. -0.006 min  
 Lab File: VN073652.D  
 Acq: 01 Aug 2022 11:26

Tgt Ion: 63 Resp: 346269  
 Ion Ratio Lower Upper  
 63 100  
 98 7.4 3.5 10.4  
 100 5.0 2.3 6.8





#25

2-Butanone

Concen: 239.263 ug/l

RT: 7.257 min Scan# 913

Delta R.T. 0.000 min

Lab File: VN073652.D

Acq: 01 Aug 2022 11:26

Instrument :

MSVOA\_N

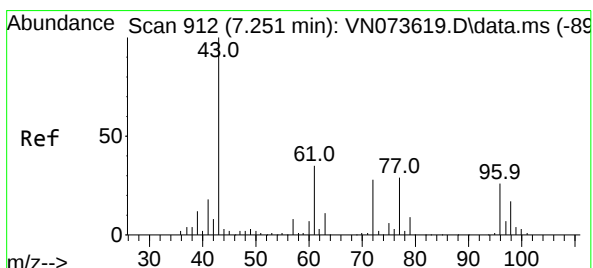
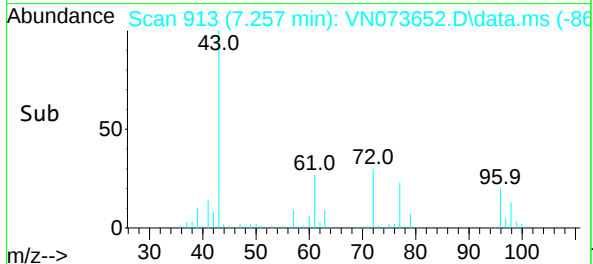
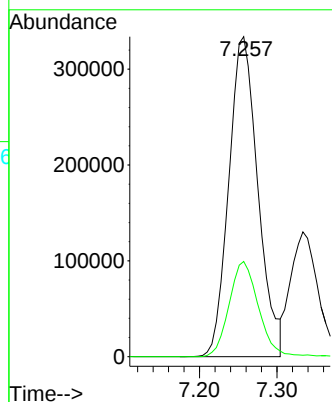
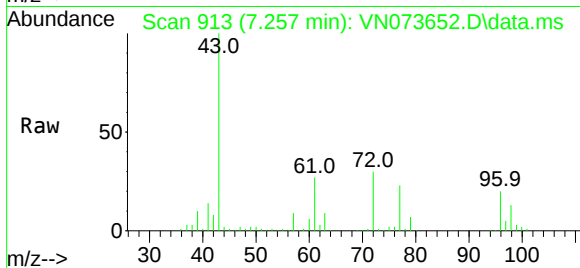
ClientSampleId :

Tgt Ion: 43 Resp: 875301

Ion Ratio Lower Upper

43 100

72 29.7 23.7 35.5



#26

2,2-Dichloropropane

Concen: 48.409 ug/l

RT: 7.245 min Scan# 911

Delta R.T. -0.006 min

Lab File: VN073652.D

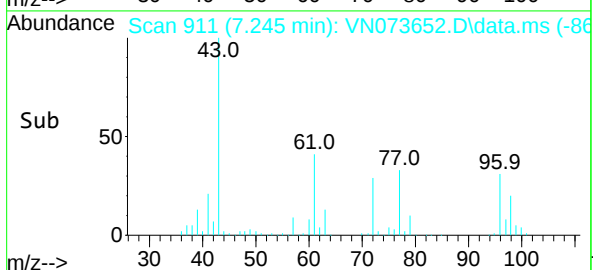
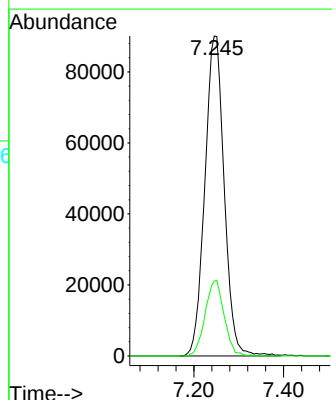
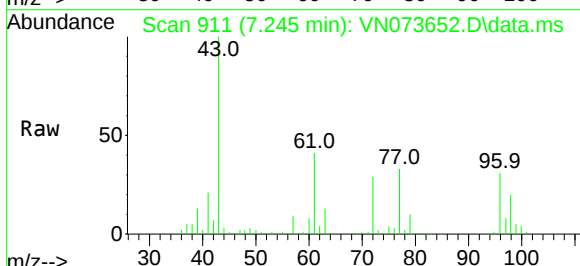
Acq: 01 Aug 2022 11:26

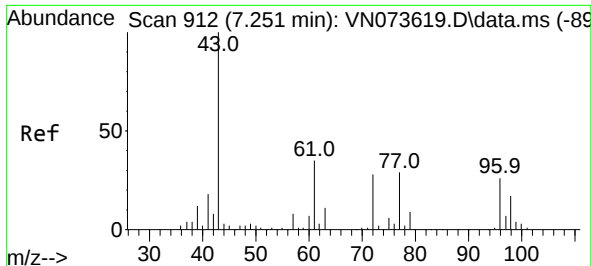
Tgt Ion: 77 Resp: 269863

Ion Ratio Lower Upper

77 100

97 23.1 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 50.294 ug/l

RT: 7.245 min Scan# 912

Delta R.T. -0.006 min

Lab File: VN073652.D

Acq: 01 Aug 2022 11:26

Instrument :

MSVOA\_N

ClientSampleId :

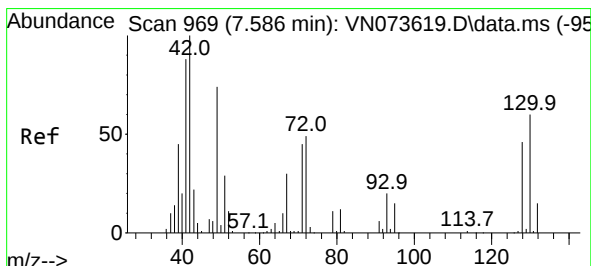
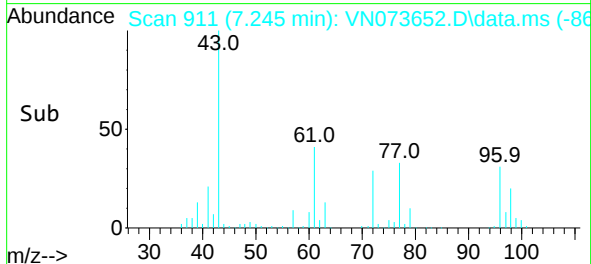
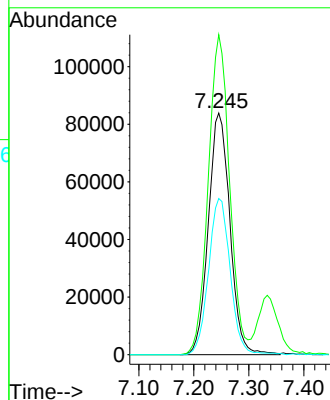
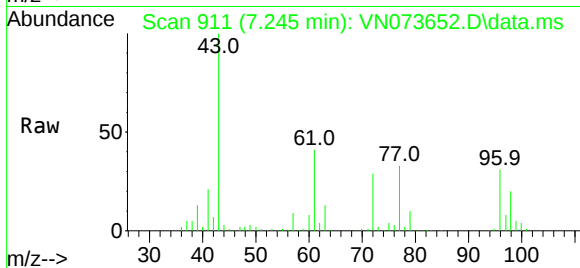
Tgt Ion: 96 Resp: 229043

Ion Ratio Lower Upper

96 100

61 130.7 0.0 280.6

98 64.9 0.0 128.4



#28

Bromochloromethane

Concen: 52.013 ug/l

RT: 7.580 min Scan# 968

Delta R.T. -0.006 min

Lab File: VN073652.D

Acq: 01 Aug 2022 11:26

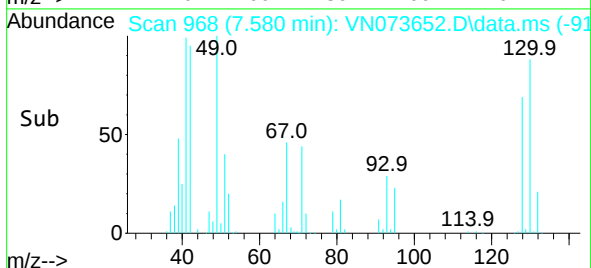
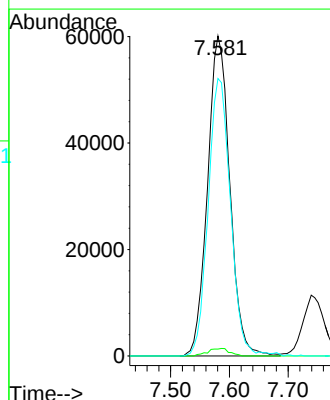
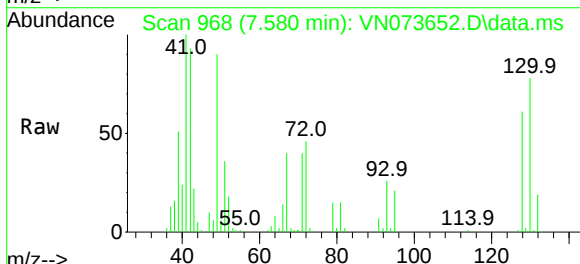
Tgt Ion: 49 Resp: 158240

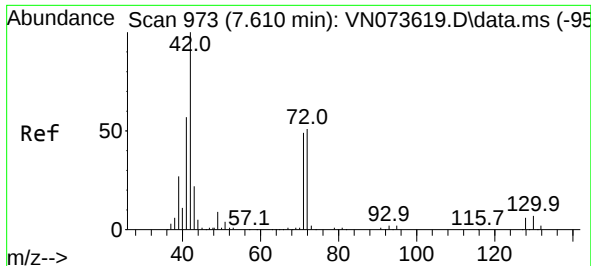
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 87.0 69.7 104.5





#29

Tetrahydrofuran

Concen: 244.811 ug/l

RT: 7.604 min Scan# 91

Delta R.T. -0.006 min

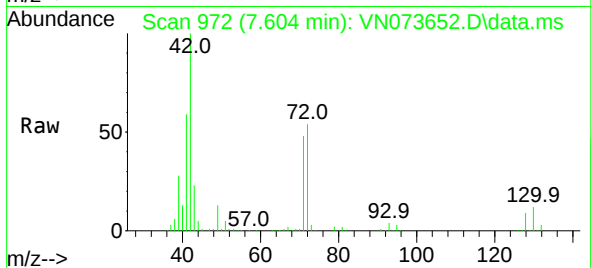
Lab File: VN073652.D

Acq: 01 Aug 2022 11:26

Instrument :

MSVOA\_N

ClientSampleId :



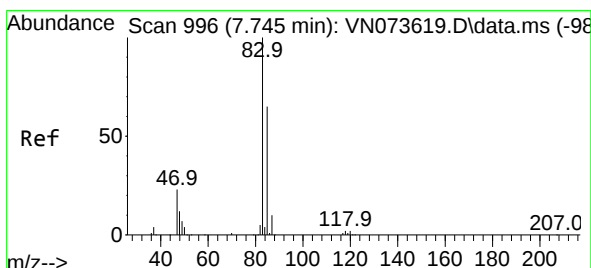
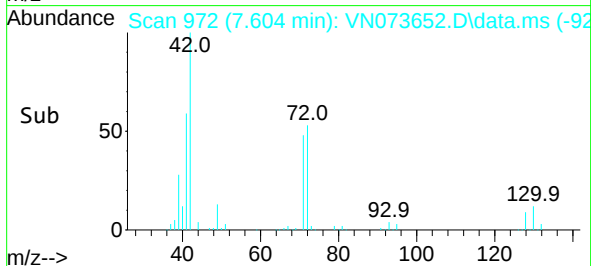
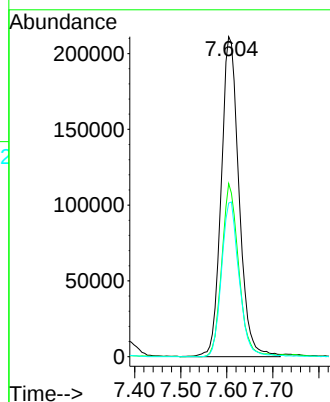
Tgt Ion: 42 Resp: 566240

Ion Ratio Lower Upper

42 100

72 51.3 39.7 59.5

71 47.7 36.6 55.0



#30

Chloroform

Concen: 49.726 ug/l

RT: 7.745 min Scan# 996

Delta R.T. -0.000 min

Lab File: VN073652.D

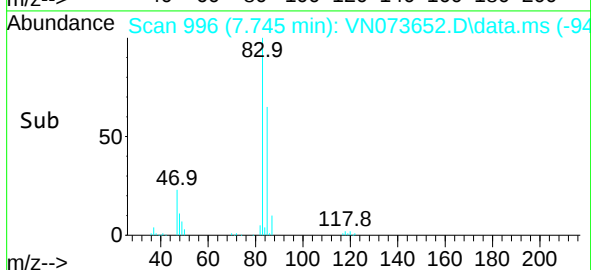
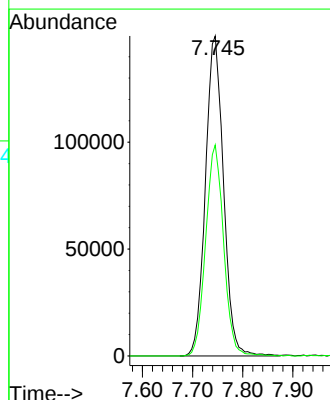
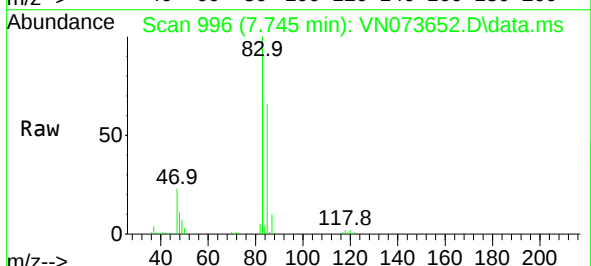
Acq: 01 Aug 2022 11:26

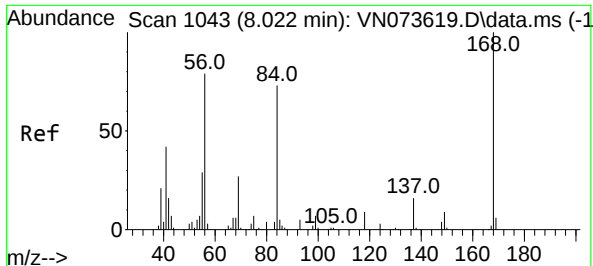
Tgt Ion: 83 Resp: 375387

Ion Ratio Lower Upper

83 100

85 66.0 51.8 77.8





#31

Cyclohexane

Concen: 47.071 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VN073652.D

Acq: 01 Aug 2022 11:26

Instrument :

MSVOA\_N

ClientSampleId :

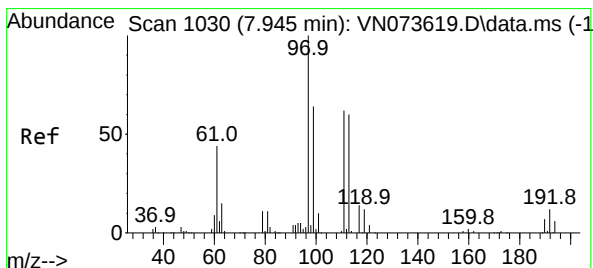
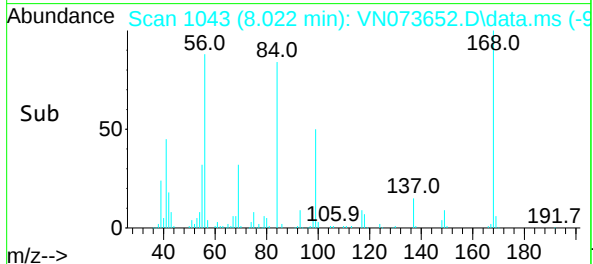
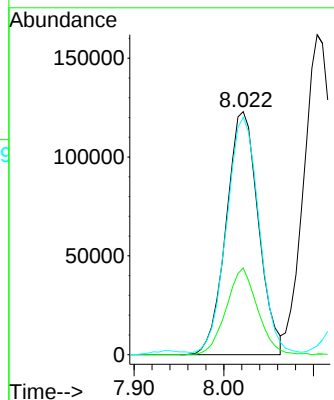
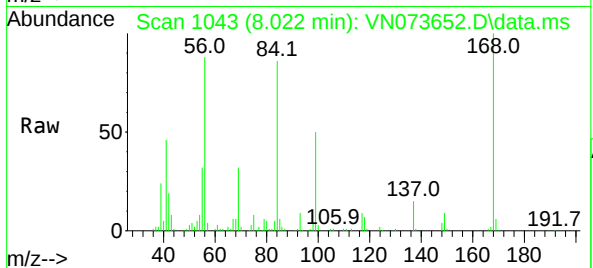
Tgt Ion: 56 Resp: 307352

Ion Ratio Lower Upper

56 100

69 35.7 27.8 41.8

84 96.5 76.9 115.3



#32

1,1,1-Trichloroethane

Concen: 49.333 ug/l

RT: 7.939 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VN073652.D

Acq: 01 Aug 2022 11:26

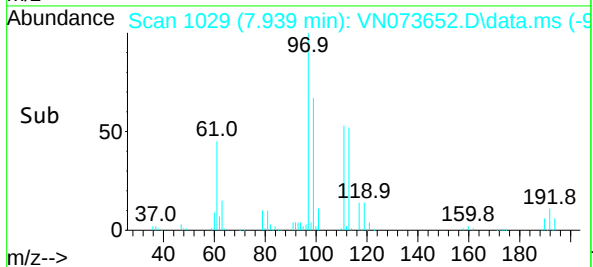
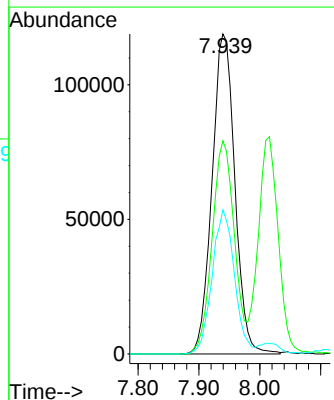
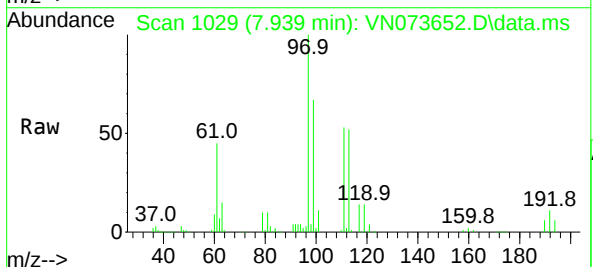
Tgt Ion: 97 Resp: 309232

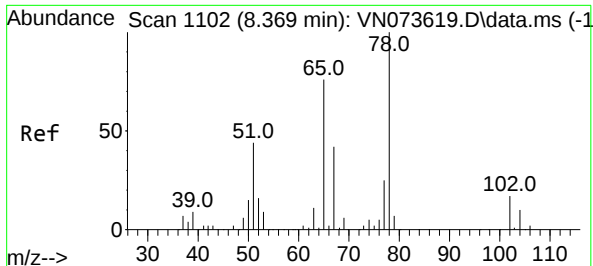
Ion Ratio Lower Upper

97 100

99 65.7 50.6 76.0

61 44.1 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 49.531 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073652.D

Acq: 01 Aug 2022 11:26

Instrument :

MSVOA\_N

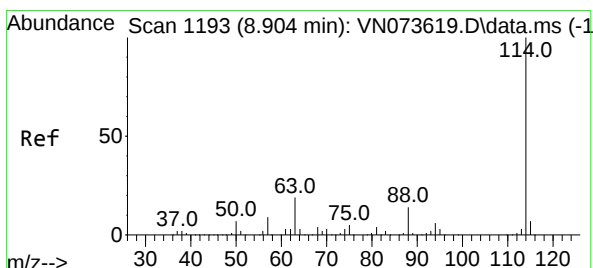
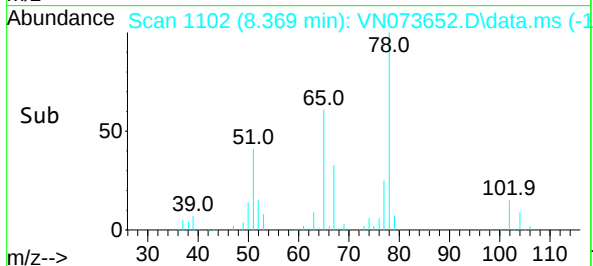
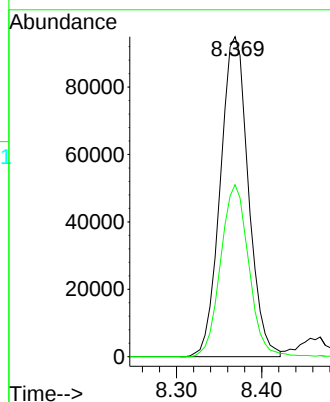
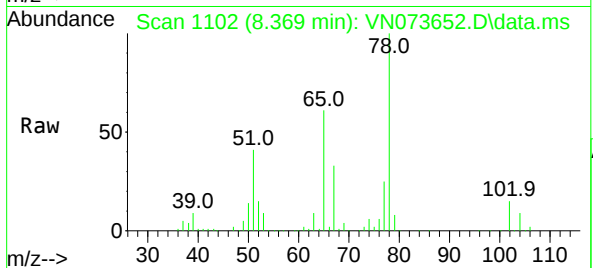
ClientSampleId :

Tgt Ion: 65 Resp: 217236

Ion Ratio Lower Upper

65 100

67 53.9 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN073652.D

Acq: 01 Aug 2022 11:26

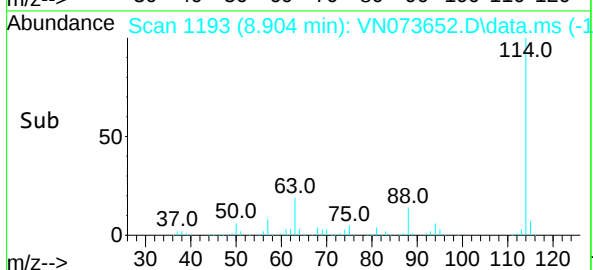
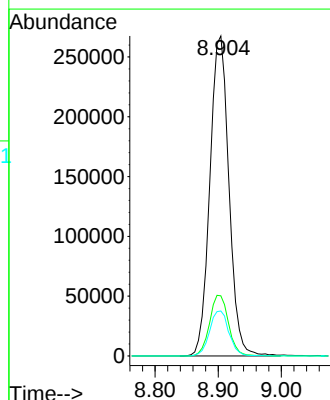
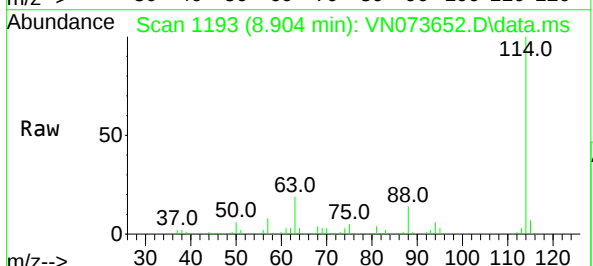
Tgt Ion: 114 Resp: 560974

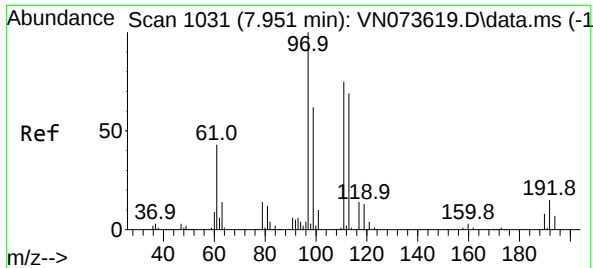
Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.0

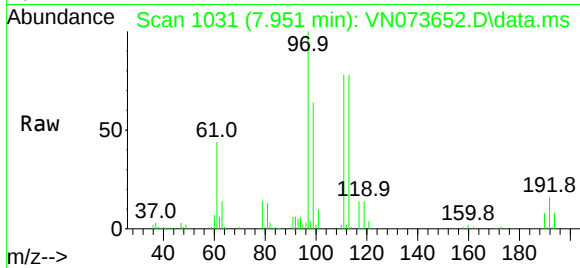
88 14.1 0.0 32.6



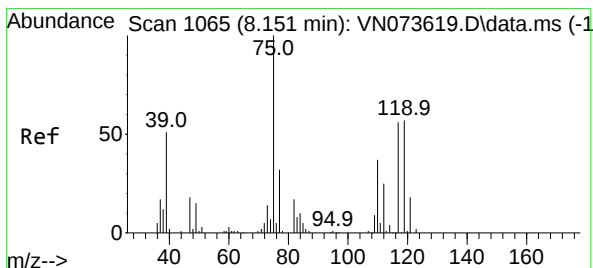
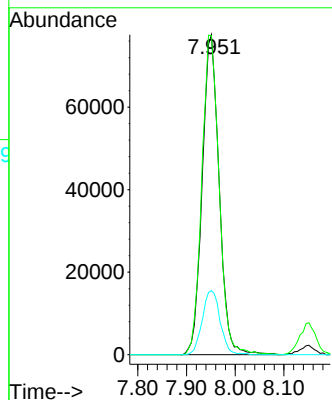
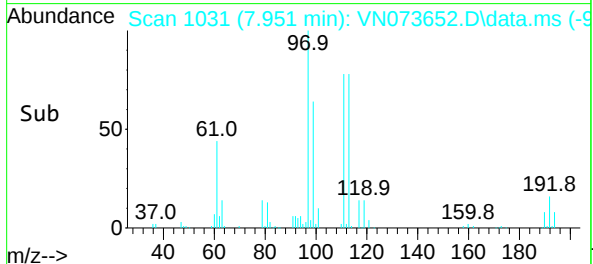


#35  
Dibromofluoromethane  
Concen: 53.101 ug/l  
RT: 7.951 min Scan# 1031  
Delta R.T. -0.000 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26

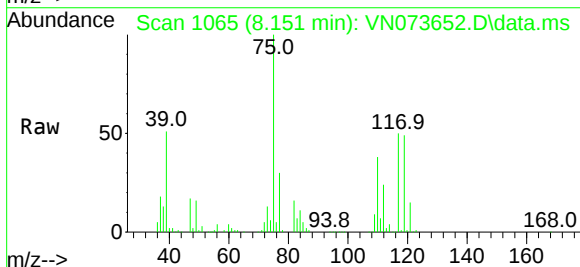
Instrument :  
MSVOA\_N  
ClientSampleId :



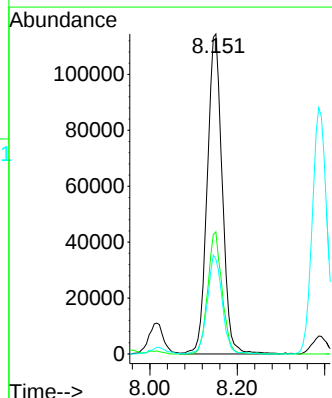
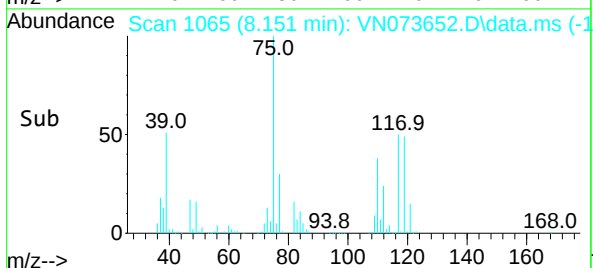
Tgt Ion:113 Resp: 187053  
Ion Ratio Lower Upper  
113 100  
111 102.1 81.4 122.0  
192 21.1 17.0 25.6

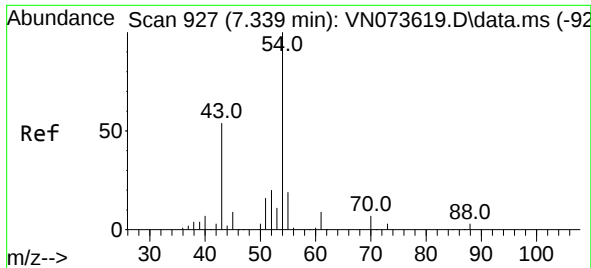


#36  
1,1-Dichloropropene  
Concen: 54.501 ug/l  
RT: 8.151 min Scan# 1065  
Delta R.T. -0.000 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26



Tgt Ion: 75 Resp: 273622  
Ion Ratio Lower Upper  
75 100  
110 36.2 18.3 54.8  
77 30.6 25.1 37.7

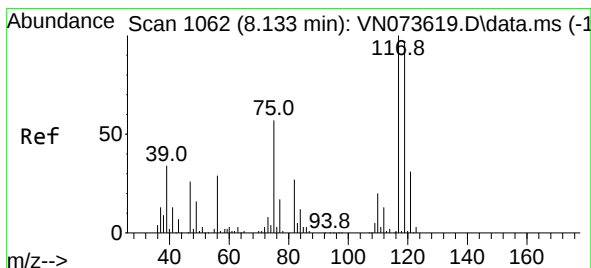
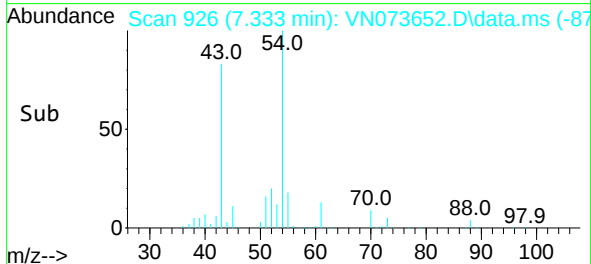
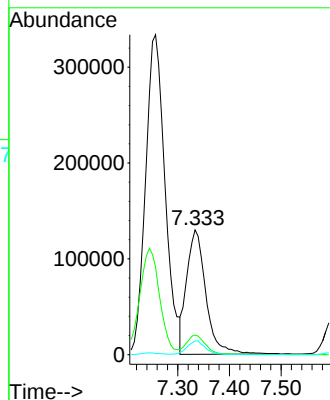
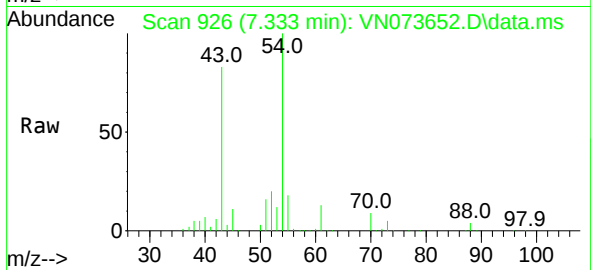




#37  
Ethyl Acetate  
Concen: 50.641 ug/l  
RT: 7.333 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26

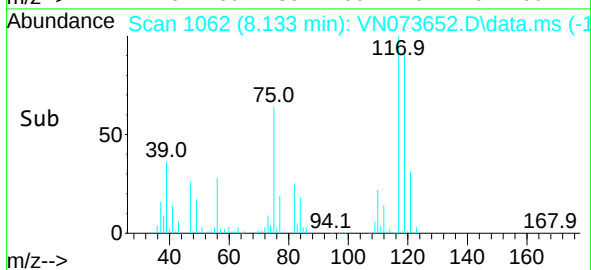
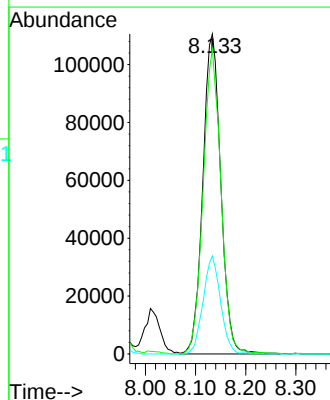
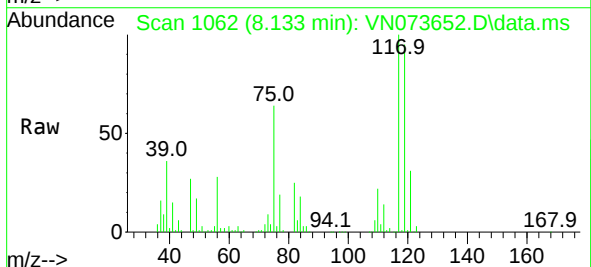
Instrument :  
MSVOA\_N  
ClientSampleId :

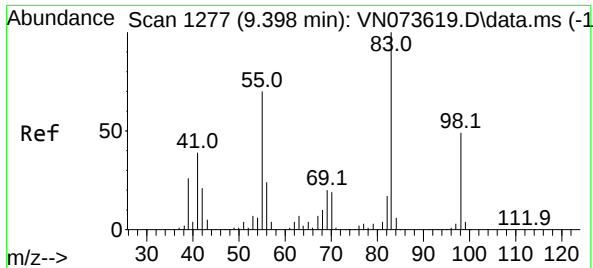
Tgt Ion: 43 Resp: 334827  
Ion Ratio Lower Upper  
43 100  
61 15.6 11.8 17.6  
70 10.5 9.3 13.9



#38  
Carbon Tetrachloride  
Concen: 53.932 ug/l  
RT: 8.133 min Scan# 1062  
Delta R.T. -0.000 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26

Tgt Ion: 117 Resp: 275003  
Ion Ratio Lower Upper  
117 100  
119 95.3 75.8 113.8  
121 30.7 24.6 37.0





#39

Methylcyclohexane

Concen: 56.771 ug/l

RT: 9.392 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VN073652.D

Acq: 01 Aug 2022 11:26

Instrument :

MSVOA\_N

ClientSampleId :

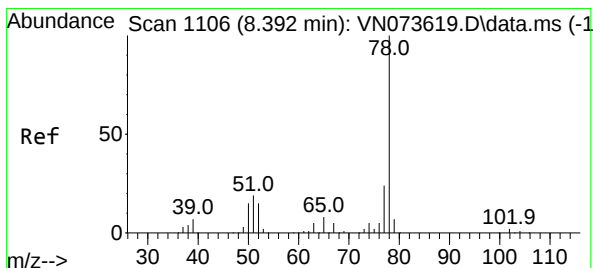
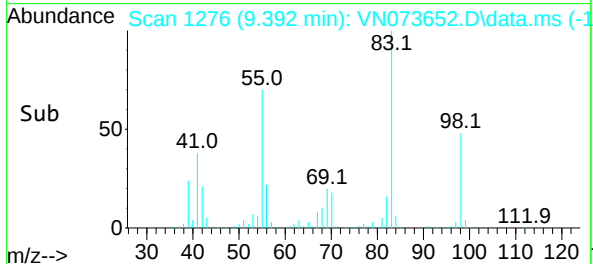
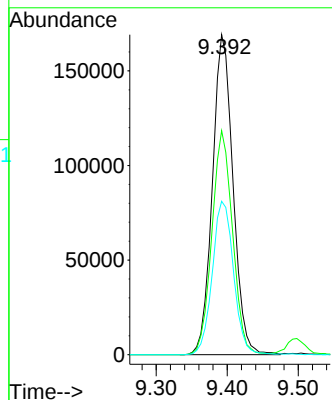
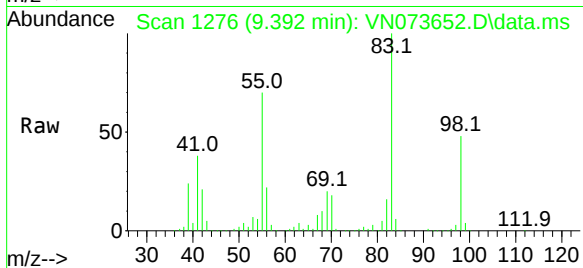
Tgt Ion: 83 Resp: 340591

Ion Ratio Lower Upper

83 100

55 70.0 57.8 86.8

98 48.0 39.4 59.2



#40

Benzene

Concen: 52.542 ug/l

RT: 8.386 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VN073652.D

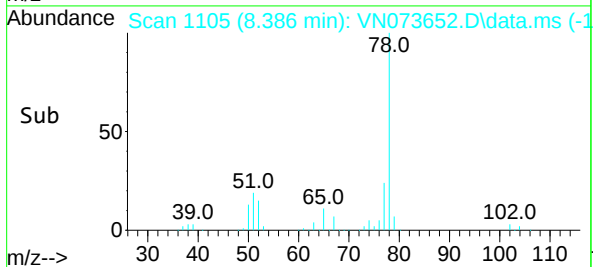
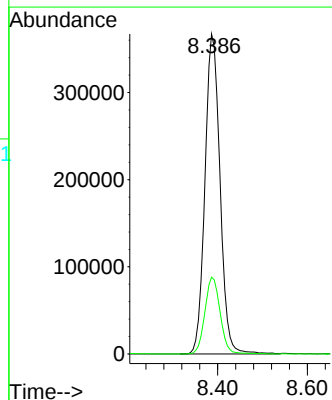
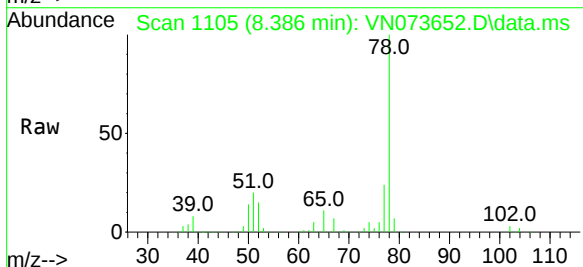
Acq: 01 Aug 2022 11:26

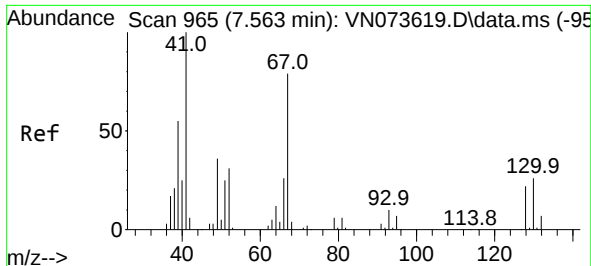
Tgt Ion: 78 Resp: 856599

Ion Ratio Lower Upper

78 100

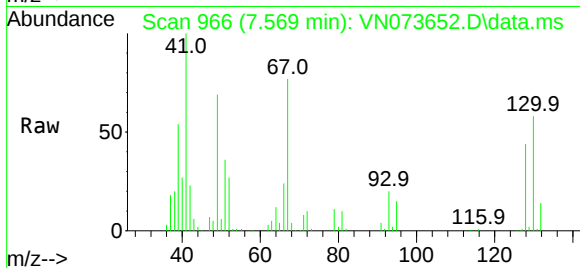
77 24.0 19.4 29.0



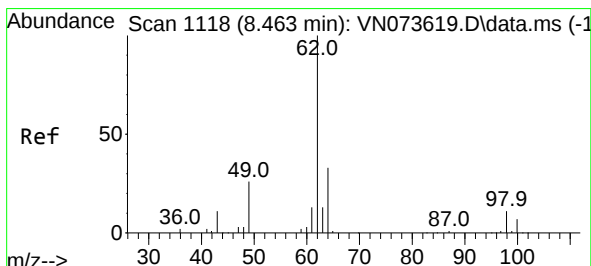
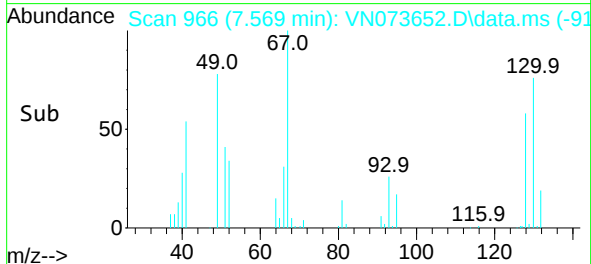
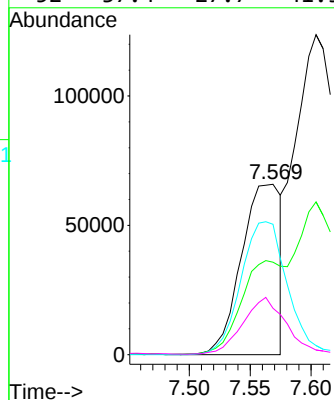


#41  
Methacrylonitrile  
Concen: 49.616 ug/l  
RT: 7.569 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26

Instrument :  
MSVOA\_N  
ClientSampleId :

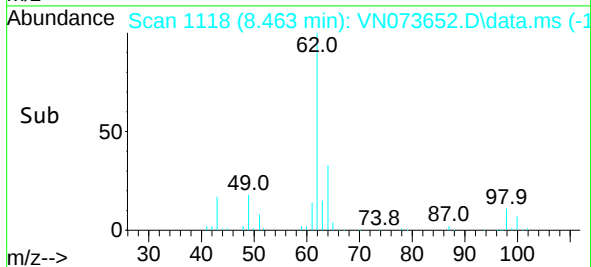
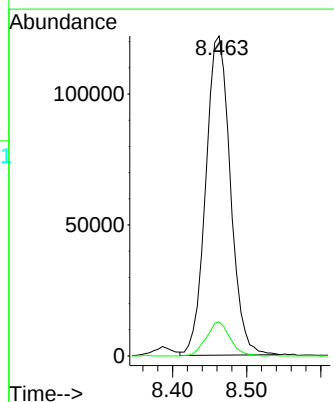
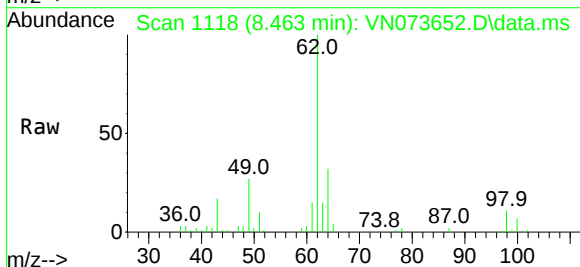


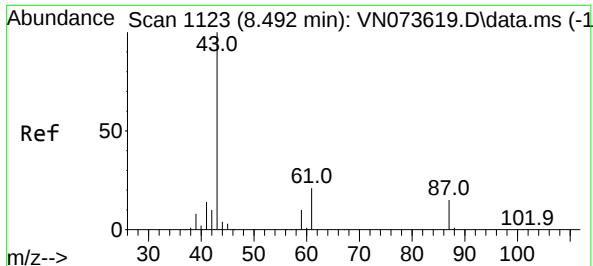
Tgt Ion: 41 Resp: 148446  
Ion Ratio Lower Upper  
41 100  
39 63.5 48.6 73.0  
67 93.1 73.4 110.2  
52 37.4 27.7 41.5



#42  
1,2-Dichloroethane  
Concen: 51.129 ug/l  
RT: 8.463 min Scan# 1118  
Delta R.T. -0.000 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26

Tgt Ion: 62 Resp: 280928  
Ion Ratio Lower Upper  
62 100  
98 10.3 0.0 19.4

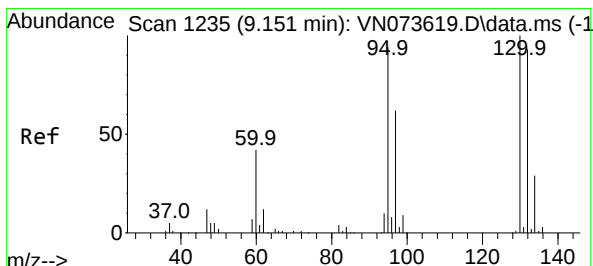
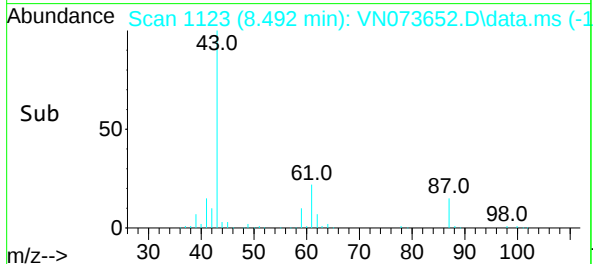
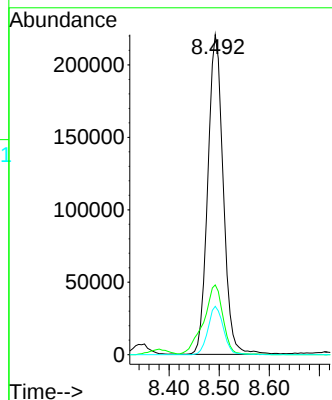
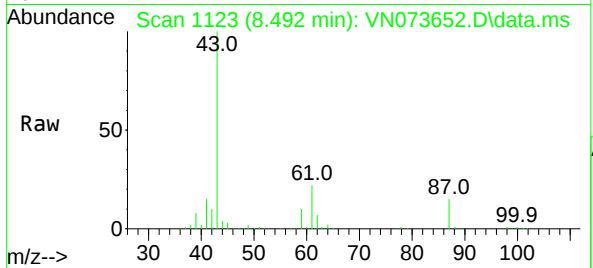




#43  
Isopropyl Acetate  
Concen: 52.857 ug/l  
RT: 8.492 min Scan# 1123  
Delta R.T. -0.000 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26

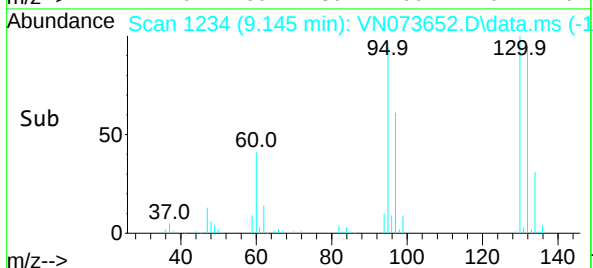
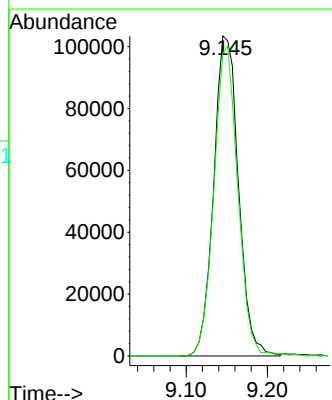
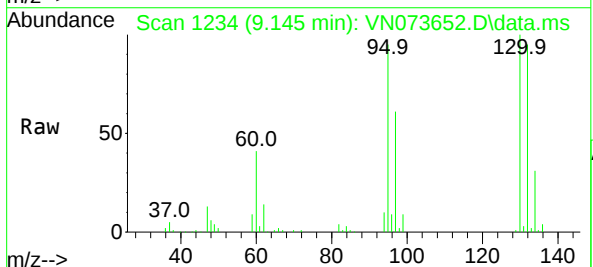
Instrument :  
MSVOA\_N  
ClientSampleId :

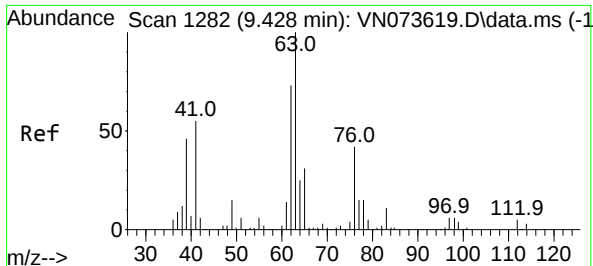
Tgt Ion: 43 Resp: 472043  
Ion Ratio Lower Upper  
43 100  
61 27.0 21.9 32.9  
87 15.1 12.0 18.0



#44  
Trichloroethene  
Concen: 52.977 ug/l  
RT: 9.145 min Scan# 1234  
Delta R.T. -0.006 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26

Tgt Ion:130 Resp: 219021  
Ion Ratio Lower Upper  
130 100  
95 94.7 0.0 186.8





#45

1,2-Dichloropropane

Concen: 52.223 ug/l

RT: 9.427 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN073652.D

Acq: 01 Aug 2022 11:26

Instrument :

MSVOA\_N

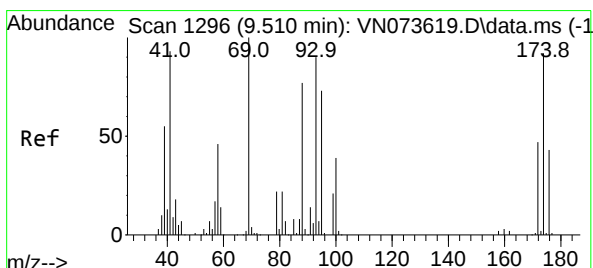
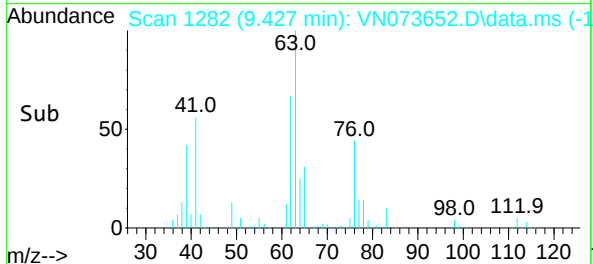
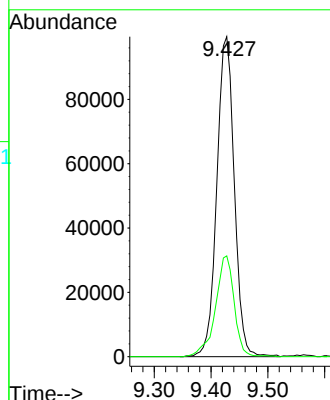
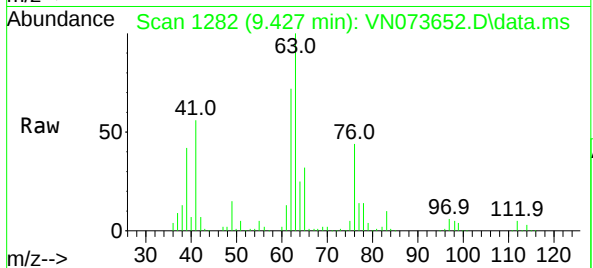
ClientSampleId :

Tgt Ion: 63 Resp: 212809

Ion Ratio Lower Upper

63 100

65 31.5 24.9 37.3



#46

Dibromomethane

Concen: 52.991 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. -0.000 min

Lab File: VN073652.D

Acq: 01 Aug 2022 11:26

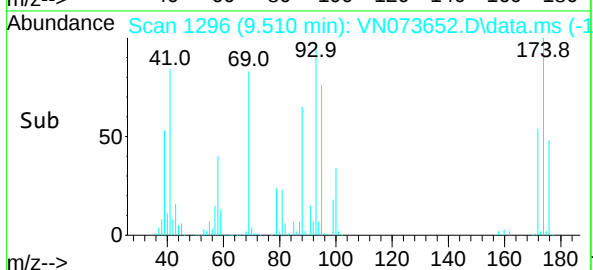
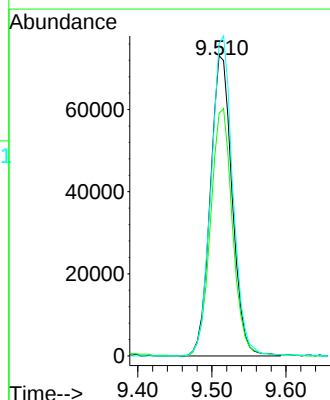
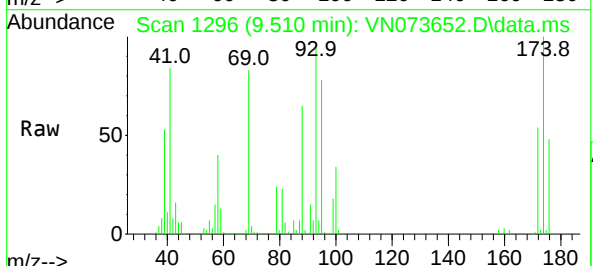
Tgt Ion: 93 Resp: 149872

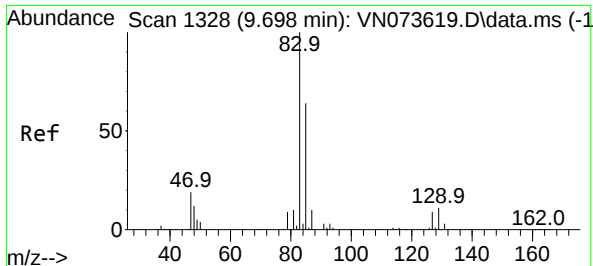
Ion Ratio Lower Upper

93 100

95 83.1 66.9 100.3

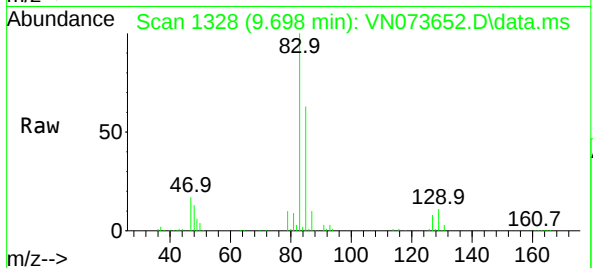
174 106.5 86.6 130.0



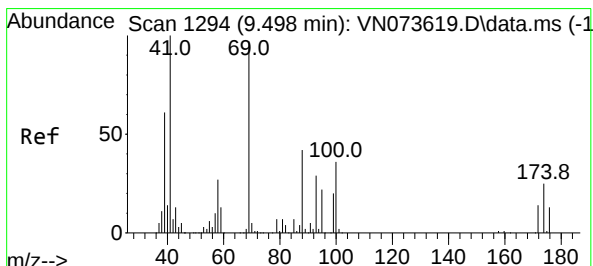
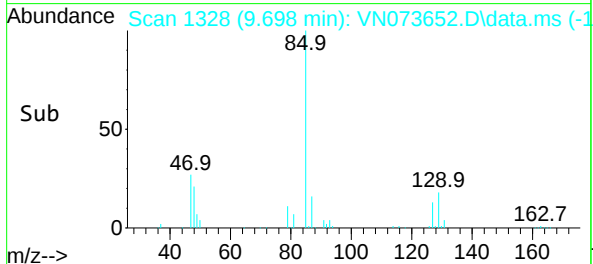
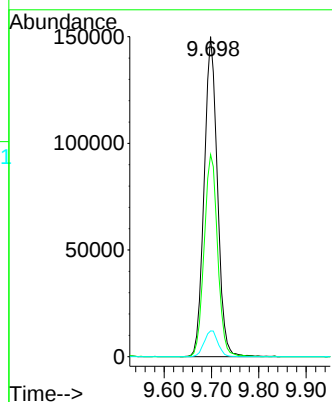


#47  
Bromodichloromethane  
Concen: 53.667 ug/l  
RT: 9.698 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26

Instrument :  
MSVOA\_N  
ClientSampleId :

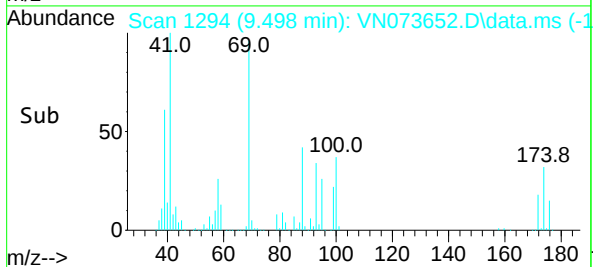
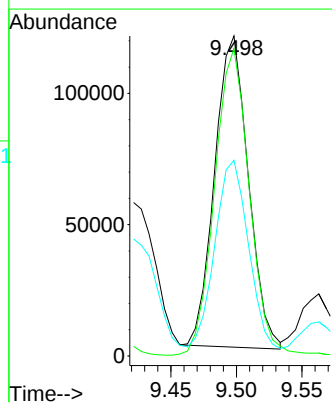
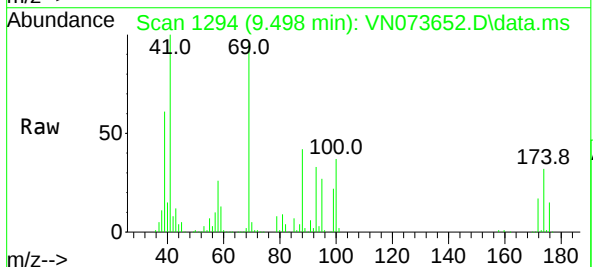


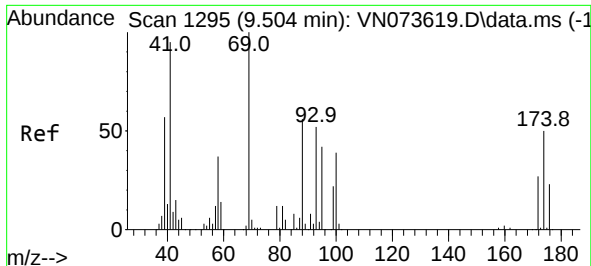
Tgt Ion: 83 Resp: 291313  
Ion Ratio Lower Upper  
83 100  
85 63.1 50.5 75.7  
127 8.1 6.8 10.2



#48  
Methyl methacrylate  
Concen: 54.088 ug/l  
RT: 9.498 min Scan# 1294  
Delta R.T. -0.000 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26

Tgt Ion: 41 Resp: 211436  
Ion Ratio Lower Upper  
41 100  
69 103.5 74.7 112.1  
39 59.9 45.6 68.4





#49

1,4-Dioxane

Concen: 1011.559 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. -0.000 min

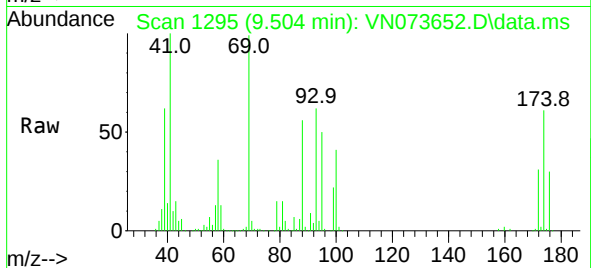
Lab File: VN073652.D

Acq: 01 Aug 2022 11:26

Instrument :

MSVOA\_N

ClientSampleId :



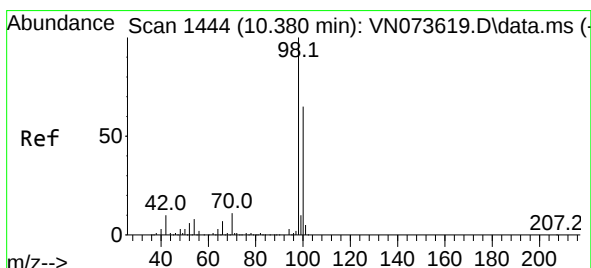
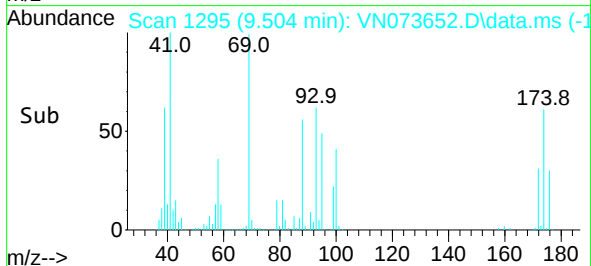
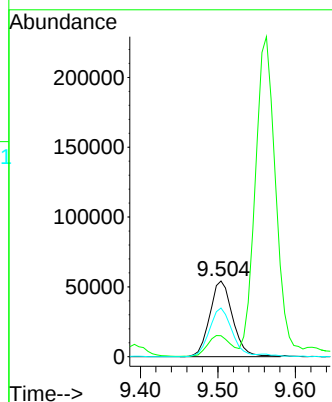
Tgt Ion: 88 Resp: 111467

Ion Ratio Lower Upper

88 100

43 28.0 20.2 30.4

58 63.3 54.2 81.4



#50

Toluene-d8

Concen: 54.964 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. -0.000 min

Lab File: VN073652.D

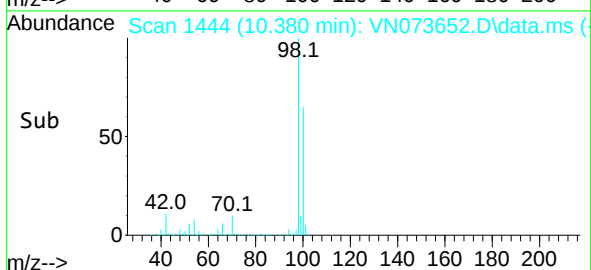
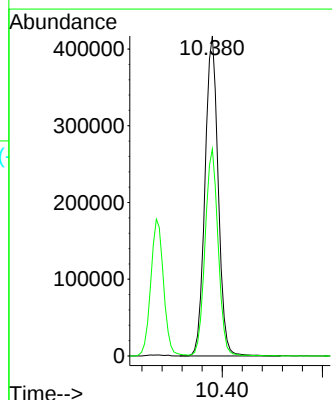
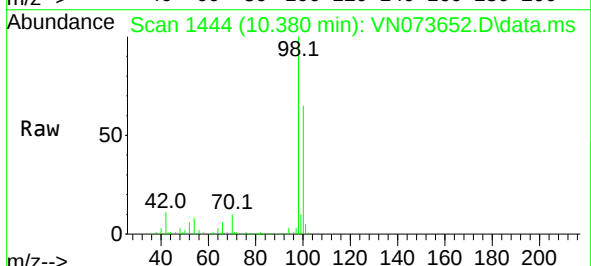
Acq: 01 Aug 2022 11:26

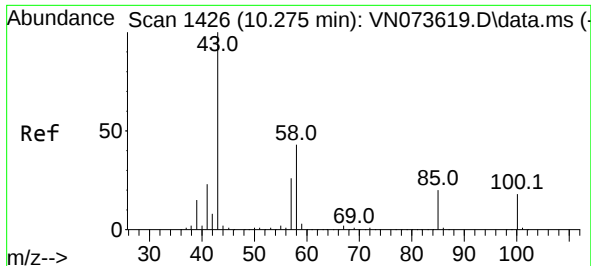
Tgt Ion: 98 Resp: 761893

Ion Ratio Lower Upper

98 100

100 64.1 52.6 78.8

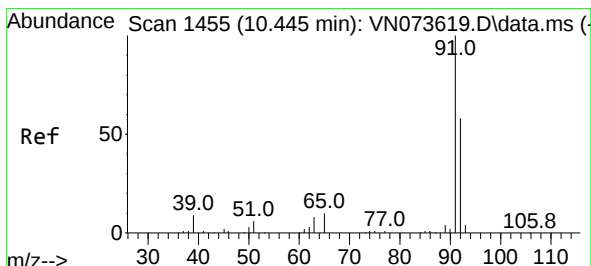
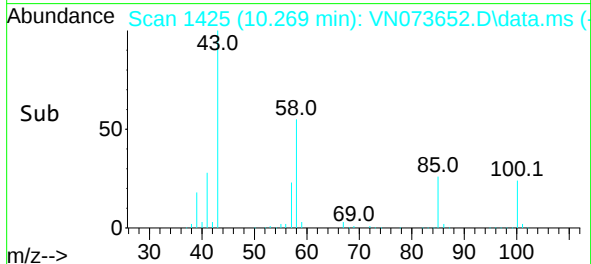
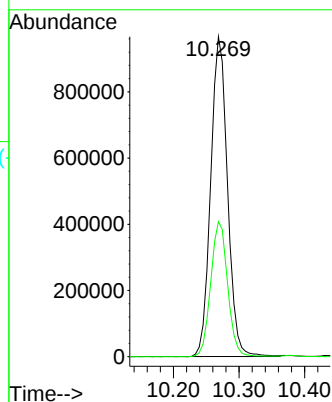
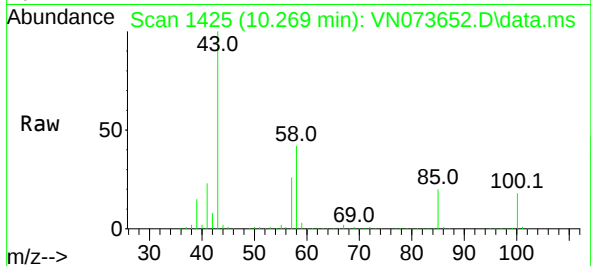




#51  
4-Methyl-2-Pentanone  
Concen: 269.264 ug/l  
RT: 10.269 min Scan# 1425  
Delta R.T. -0.006 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26

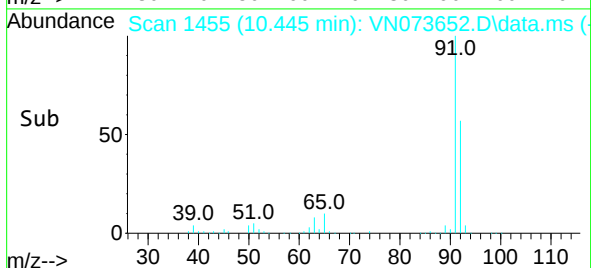
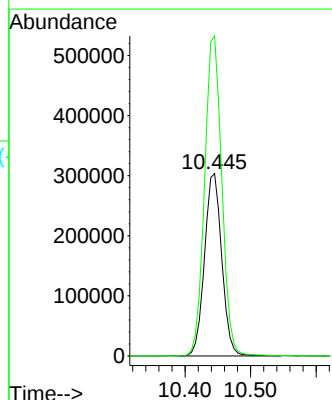
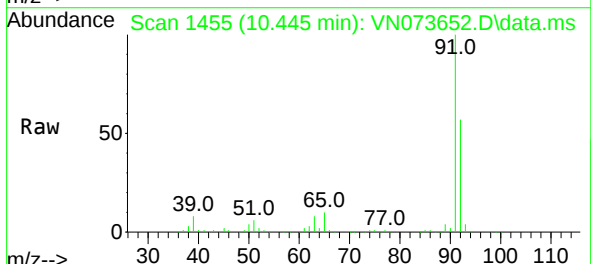
Instrument :  
MSVOA\_N  
ClientSampleId :

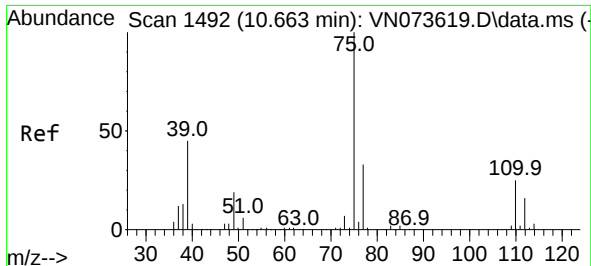
Tgt Ion: 43 Resp: 1724717  
Ion Ratio Lower Upper  
43 100  
58 42.4 34.1 51.1



#52  
Toluene  
Concen: 55.787 ug/l  
RT: 10.445 min Scan# 1455  
Delta R.T. -0.000 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26

Tgt Ion: 92 Resp: 555531  
Ion Ratio Lower Upper  
92 100  
91 175.8 138.6 207.8

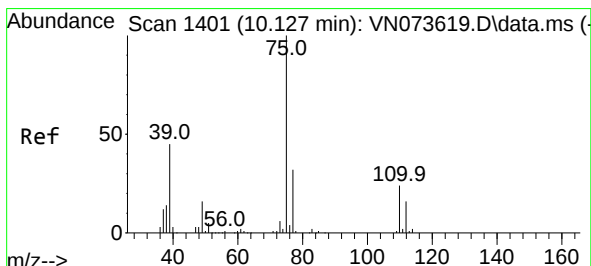
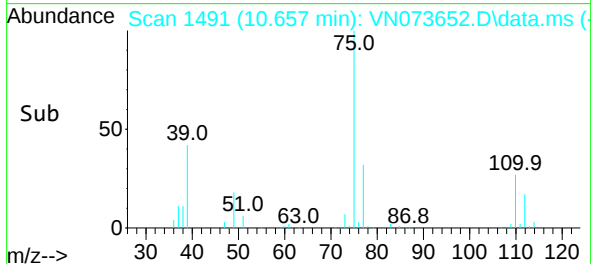
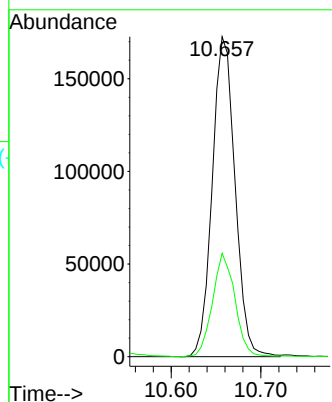
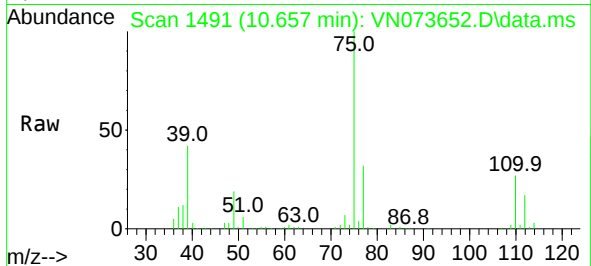




#53  
 t-1,3-Dichloropropene  
 Concen: 56.828 ug/l  
 RT: 10.657 min Scan# 1491  
 Delta R.T. -0.006 min  
 Lab File: VN073652.D  
 Acq: 01 Aug 2022 11:26

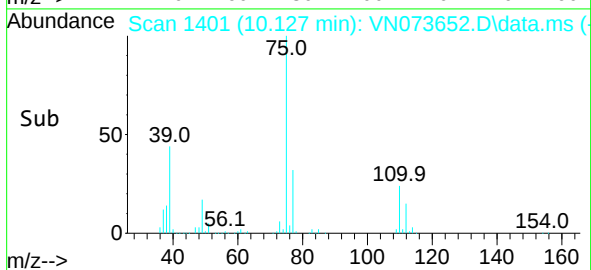
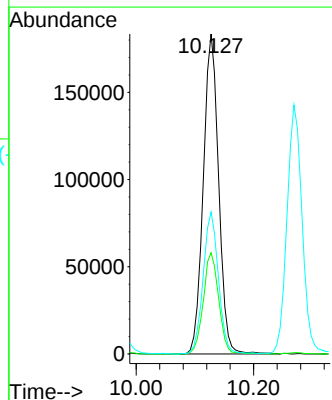
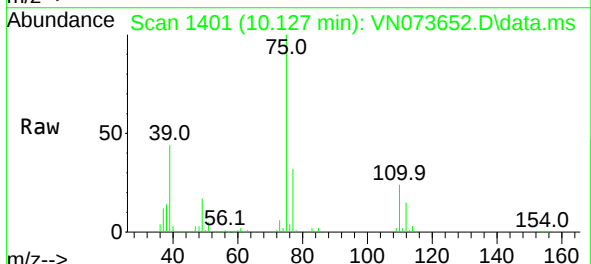
Instrument :  
 MSVOA\_N  
 ClientSampleId :

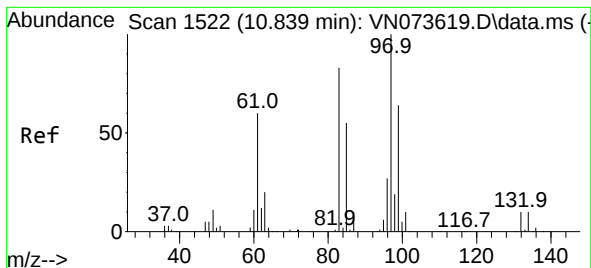
Tgt Ion: 75 Resp: 304742  
 Ion Ratio Lower Upper  
 75 100  
 77 32.3 25.6 38.4



#54  
 cis-1,3-Dichloropropene  
 Concen: 55.263 ug/l  
 RT: 10.127 min Scan# 1401  
 Delta R.T. -0.000 min  
 Lab File: VN073652.D  
 Acq: 01 Aug 2022 11:26

Tgt Ion: 75 Resp: 333952  
 Ion Ratio Lower Upper  
 75 100  
 77 31.6 25.2 37.8  
 39 44.3 35.7 53.5





#55

1,1,2-Trichloroethane

Concen: 54.777 ug/l

RT: 10.839 min Scan# 1522

Delta R.T. -0.000 min

Lab File: VN073652.D

Acq: 01 Aug 2022 11:26

Instrument :

MSVOA\_N

ClientSampleId :

Tgt Ion: 97 Resp: 227467

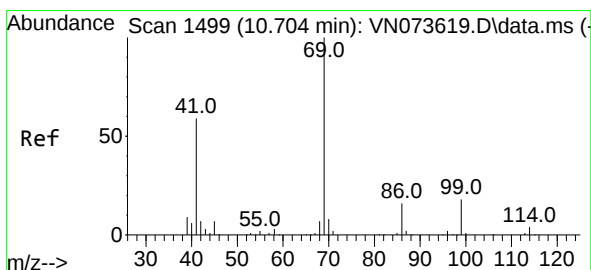
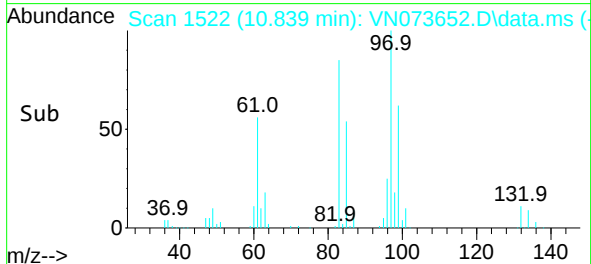
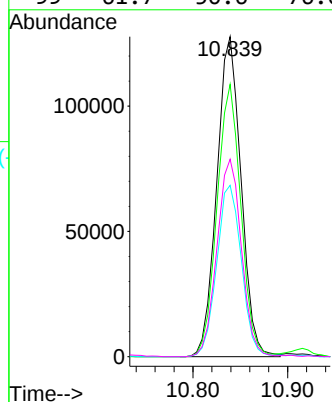
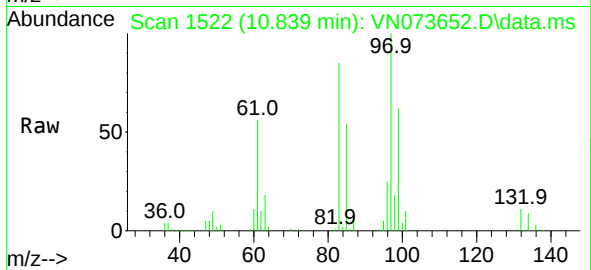
Ion Ratio Lower Upper

97 100

83 85.1 66.2 99.4

85 53.5 43.9 65.9

99 61.7 50.6 76.0



#56

Ethyl methacrylate

Concen: 60.554 ug/l

RT: 10.704 min Scan# 1499

Delta R.T. -0.000 min

Lab File: VN073652.D

Acq: 01 Aug 2022 11:26

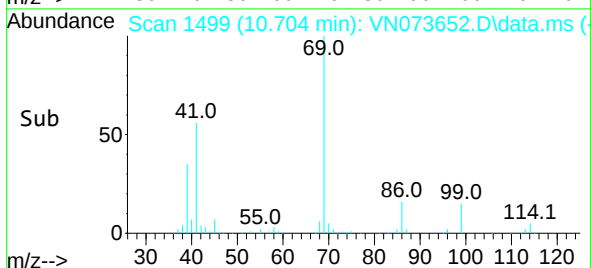
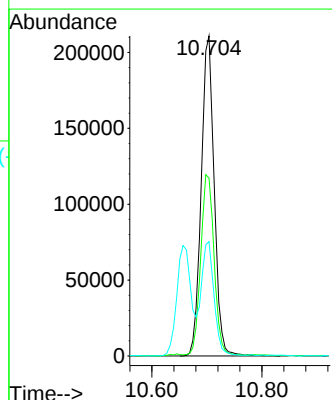
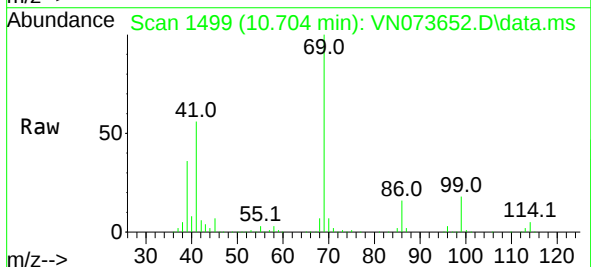
Tgt Ion: 69 Resp: 346566

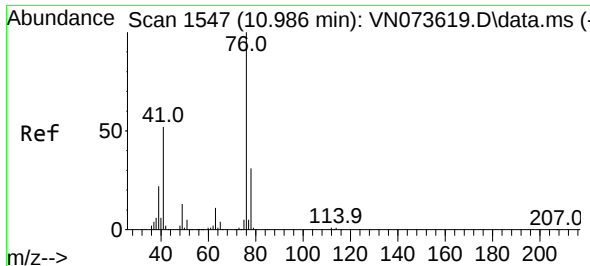
Ion Ratio Lower Upper

69 100

41 58.0 47.8 71.6

39 34.8 27.3 40.9





#57

1,3-Dichloropropane

Concen: 54.182 ug/l

RT: 10.986 min Scan# 1547

Delta R.T. -0.000 min

Lab File: VN073652.D

Acq: 01 Aug 2022 11:26

Instrument :

MSVOA\_N

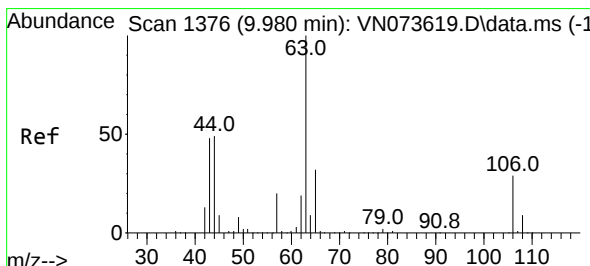
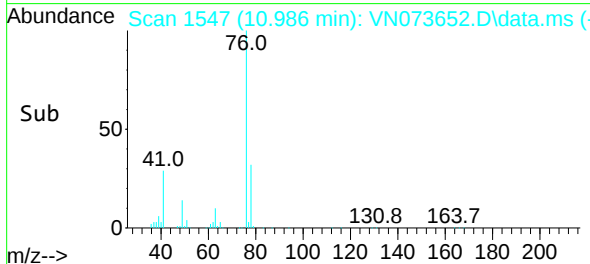
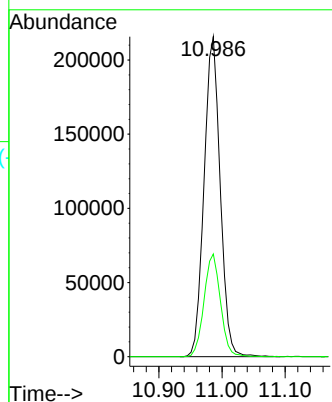
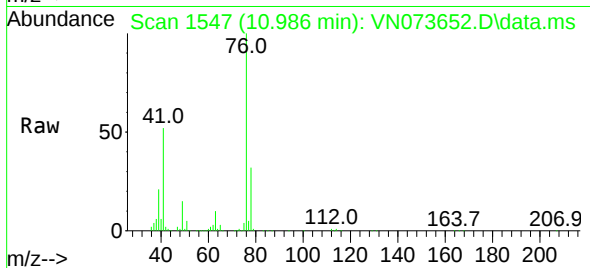
ClientSampleId :

Tgt Ion: 76 Resp: 381732

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 253.171 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VN073652.D

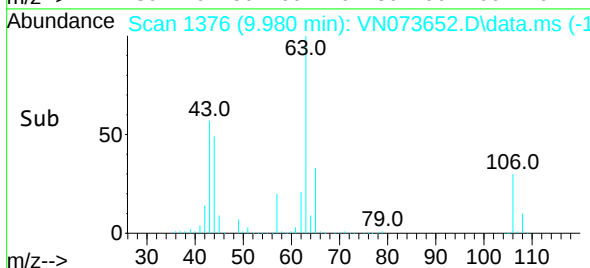
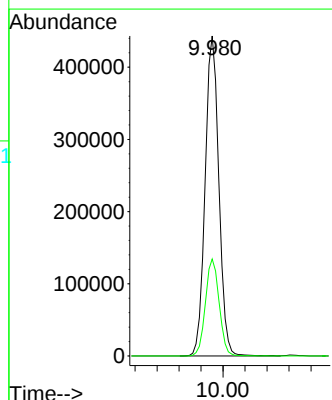
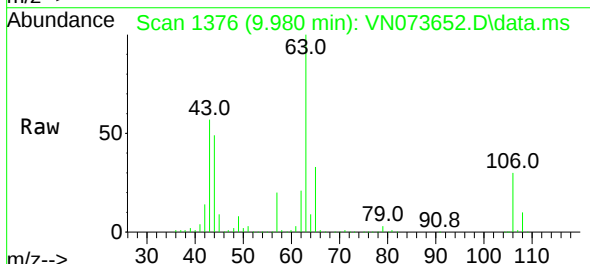
Acq: 01 Aug 2022 11:26

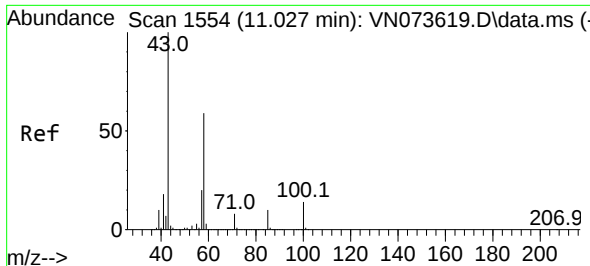
Tgt Ion: 63 Resp: 767164

Ion Ratio Lower Upper

63 100

106 30.3 24.6 36.8

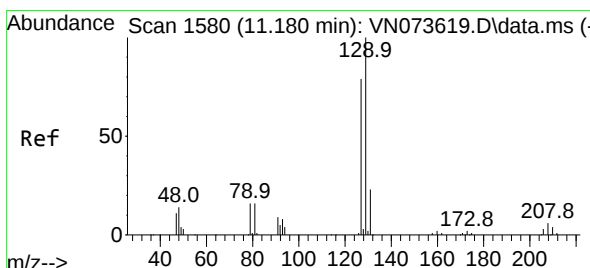
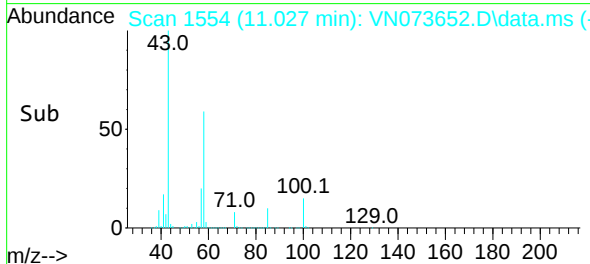
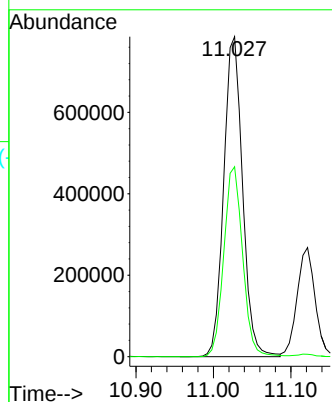
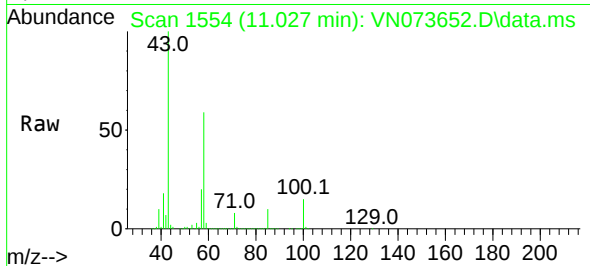




#59  
2-Hexanone  
Concen: 273.902 ug/l  
RT: 11.027 min Scan# 1554  
Delta R.T. 0.000 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26

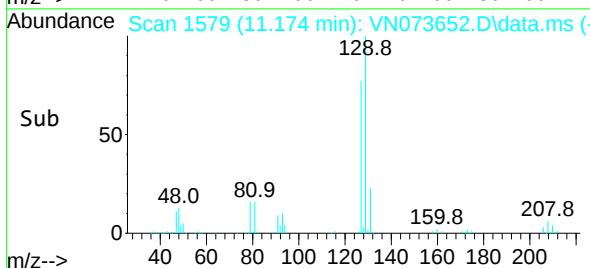
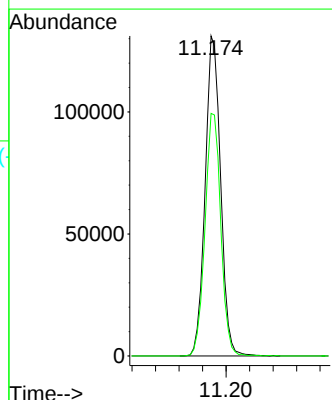
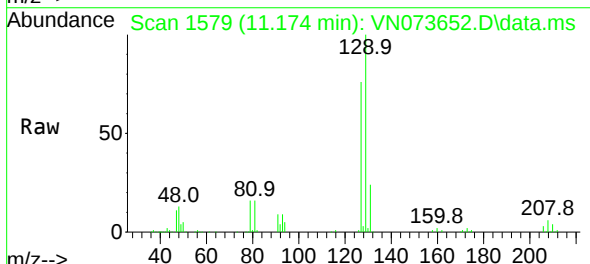
Instrument :  
MSVOA\_N  
ClientSampleId :

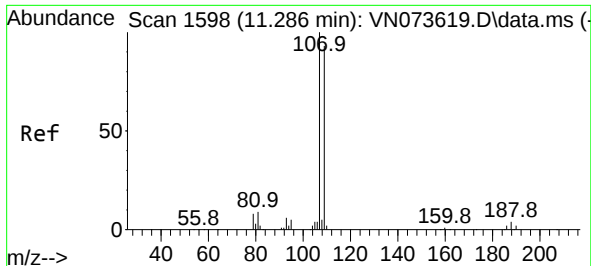
Tgt Ion: 43 Resp: 1329224  
Ion Ratio Lower Upper  
43 100  
58 59.4 29.7 89.1



#60  
Dibromochloromethane  
Concen: 57.835 ug/l  
RT: 11.174 min Scan# 1579  
Delta R.T. -0.006 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26

Tgt Ion: 129 Resp: 238923  
Ion Ratio Lower Upper  
129 100  
127 77.2 38.8 116.4

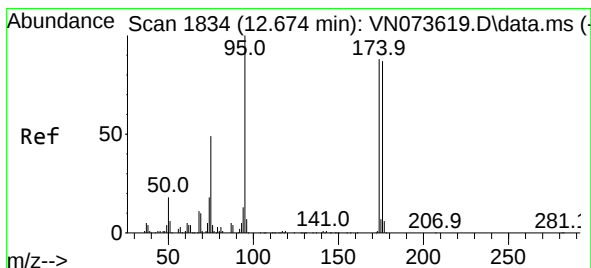
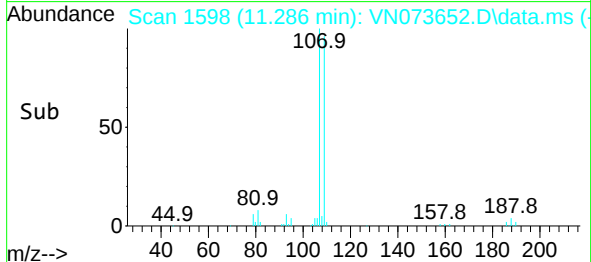
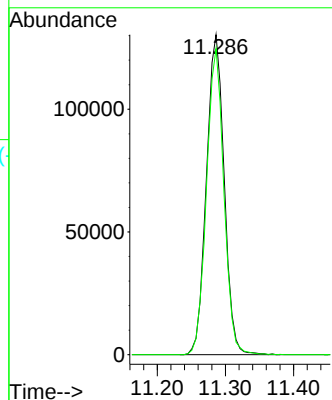
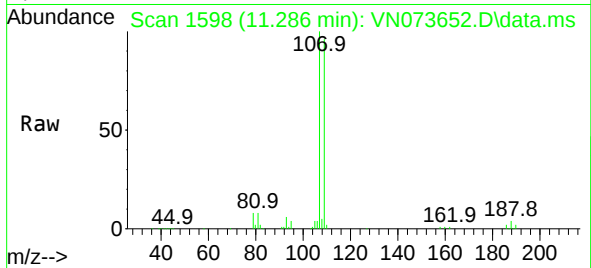




#61  
1,2-Dibromoethane  
Concen: 55.224 ug/l  
RT: 11.286 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26

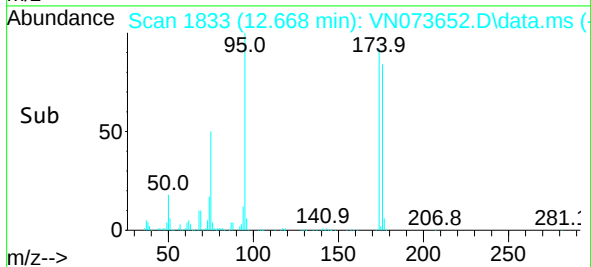
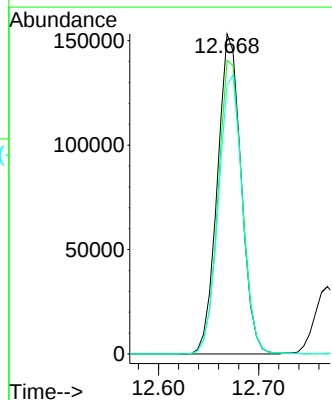
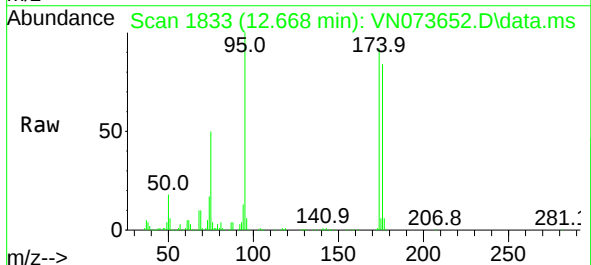
Instrument :  
MSVOA\_N  
ClientSampleId :

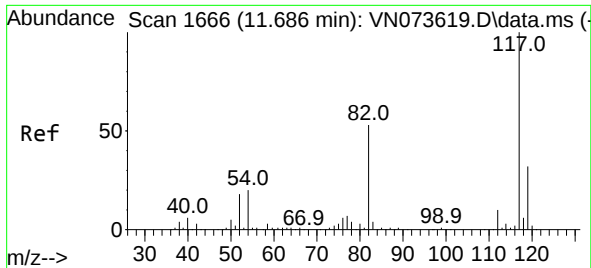
Tgt Ion:107 Resp: 236184  
Ion Ratio Lower Upper  
107 100  
109 93.7 75.0 112.6



#62  
4-Bromofluorobenzene  
Concen: 53.602 ug/l  
RT: 12.668 min Scan# 1833  
Delta R.T. -0.006 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26

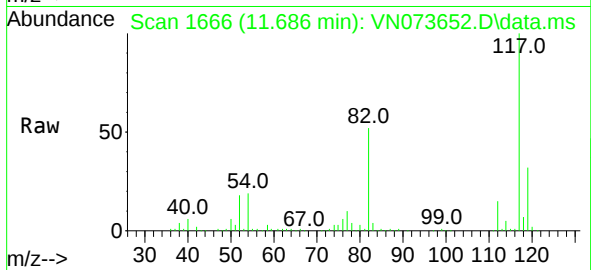
Tgt Ion: 95 Resp: 251704  
Ion Ratio Lower Upper  
95 100  
174 93.0 0.0 167.6  
176 88.1 0.0 163.4



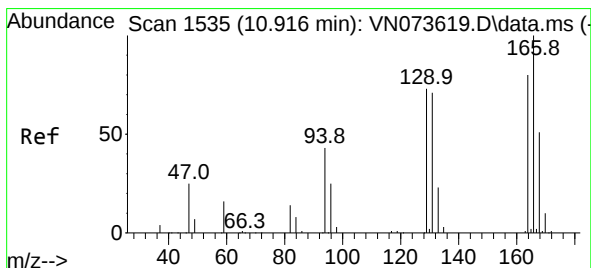
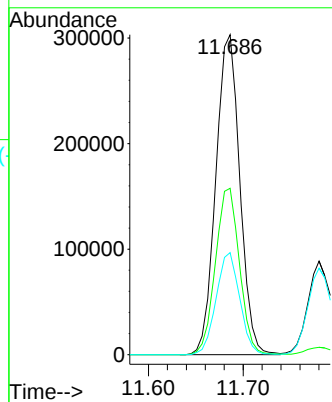
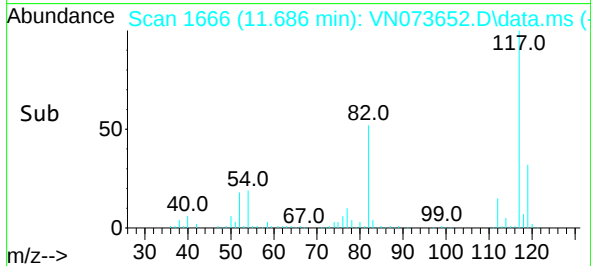


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.686 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26

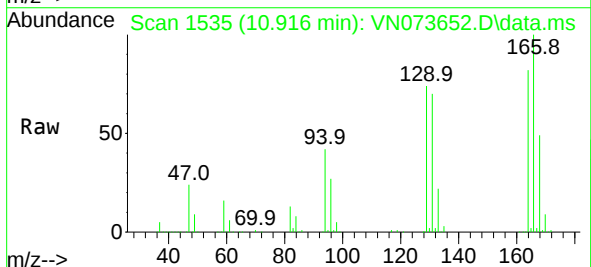
Instrument :  
MSVOA\_N  
ClientSampleId :



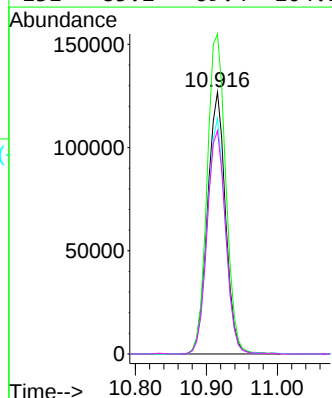
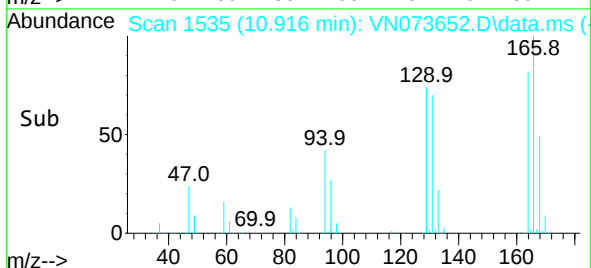
Tgt Ion:117 Resp: 534210  
Ion Ratio Lower Upper  
117 100  
82 52.0 44.2 66.2  
119 31.9 25.4 38.0

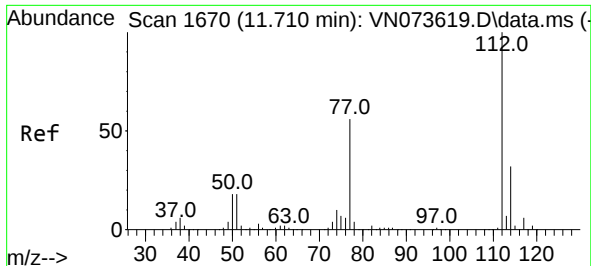


#64  
Tetrachloroethene  
Concen: 52.572 ug/l  
RT: 10.916 min Scan# 1535  
Delta R.T. -0.000 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26



Tgt Ion:164 Resp: 223197  
Ion Ratio Lower Upper  
164 100  
166 122.2 104.2 156.2  
129 90.0 73.9 110.9  
131 85.2 69.4 104.2

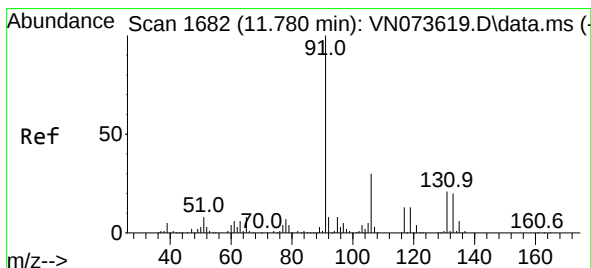
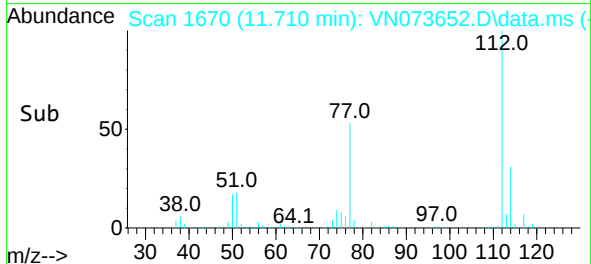
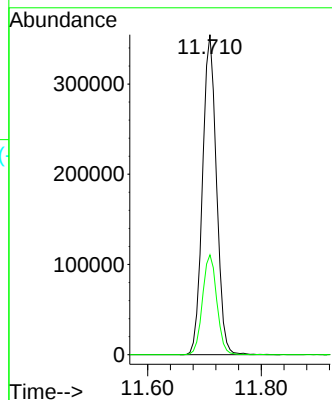
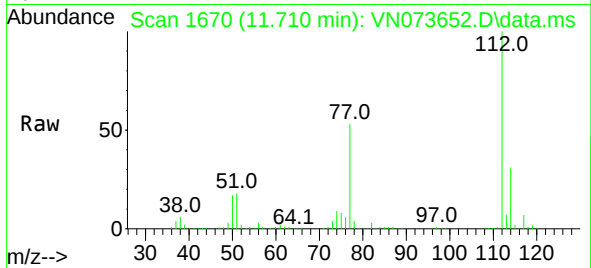




#65  
Chlorobenzene  
Concen: 53.207 ug/l  
RT: 11.710 min Scan# 1670  
Delta R.T. -0.000 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26

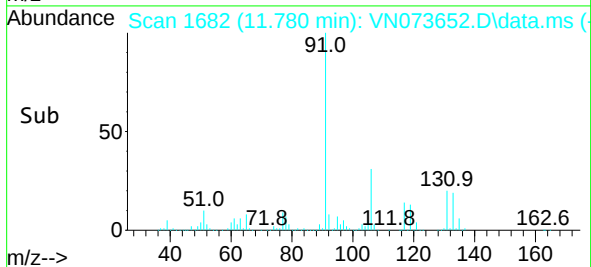
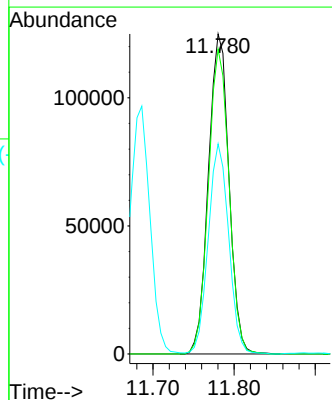
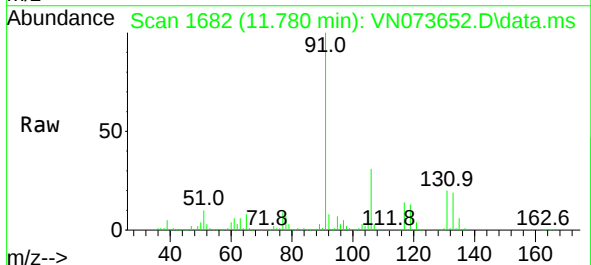
Instrument :  
MSVOA\_N  
ClientSampleId :

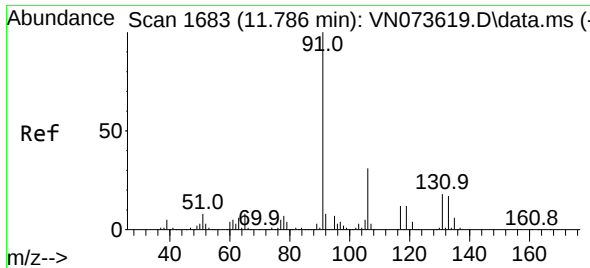
Tgt Ion:112 Resp: 603742  
Ion Ratio Lower Upper  
112 100  
114 31.2 25.4 38.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 53.945 ug/l  
RT: 11.780 min Scan# 1682  
Delta R.T. -0.000 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26

Tgt Ion:131 Resp: 219554  
Ion Ratio Lower Upper  
131 100  
133 95.5 47.8 143.4  
119 65.3 33.4 100.2

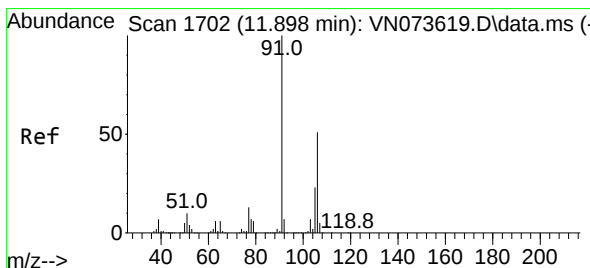
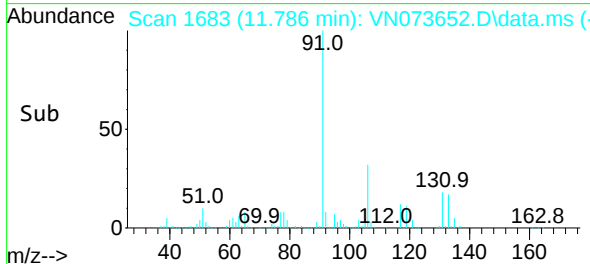
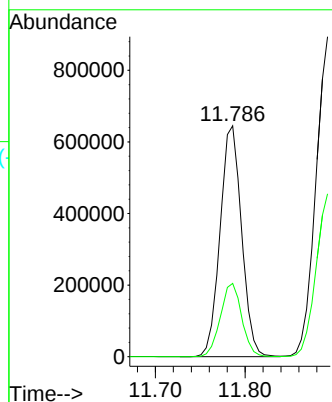
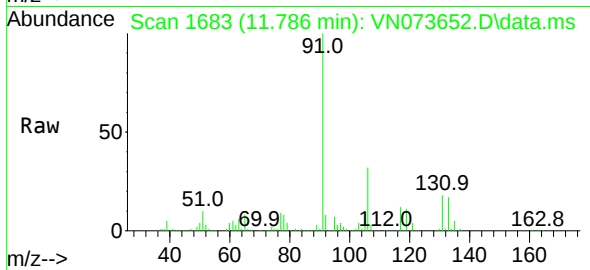




#67  
Ethyl Benzene  
Concen: 56.018 ug/l  
RT: 11.786 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26

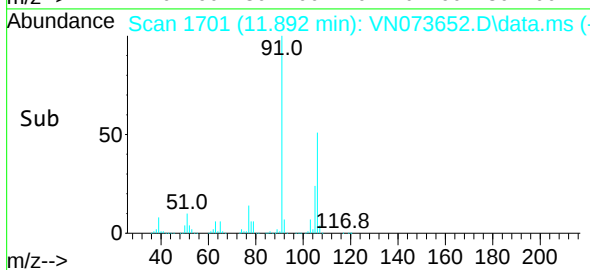
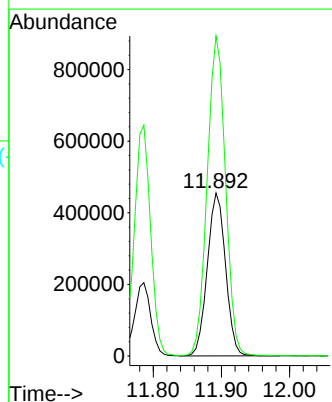
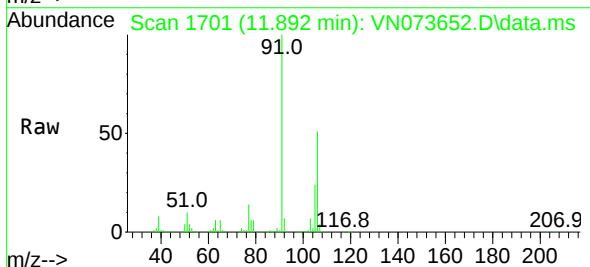
Instrument :  
MSVOA\_N  
ClientSampleId :

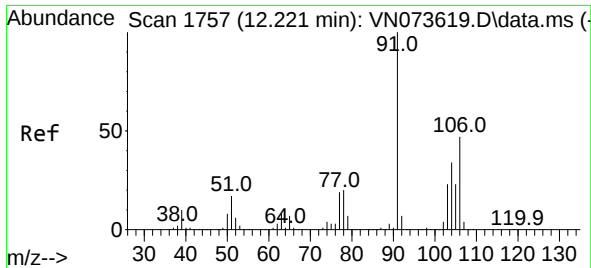
Tgt Ion: 91 Resp: 1072350  
Ion Ratio Lower Upper  
91 100  
106 31.7 24.9 37.3



#68  
m/p-Xylenes  
Concen: 115.691 ug/l  
RT: 11.892 min Scan# 1701  
Delta R.T. -0.006 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26

Tgt Ion:106 Resp: 844677  
Ion Ratio Lower Upper  
106 100  
91 197.6 158.9 238.3

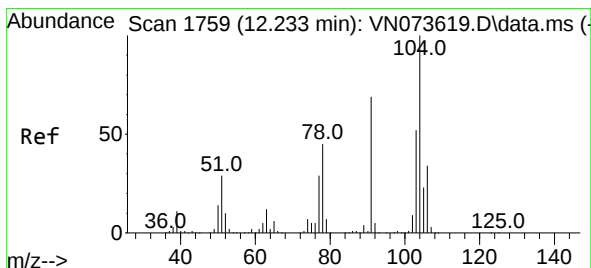
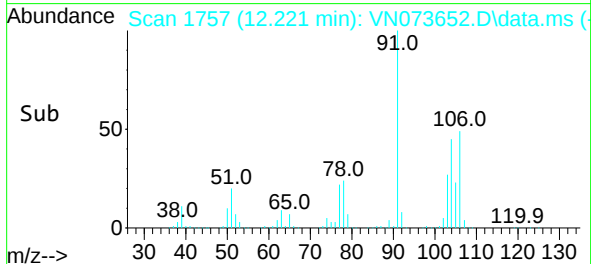
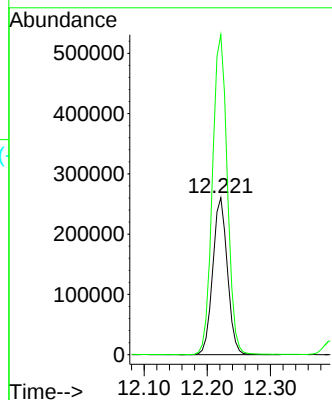
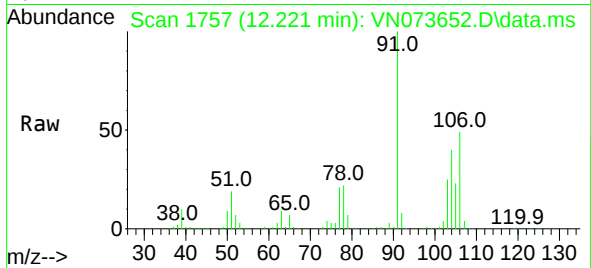




#69  
o-Xylene  
Concen: 58.732 ug/l  
RT: 12.221 min Scan# 1757  
Delta R.T. -0.000 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26

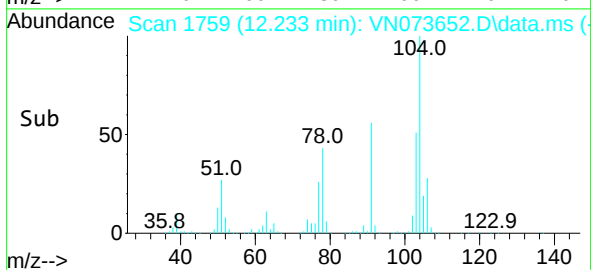
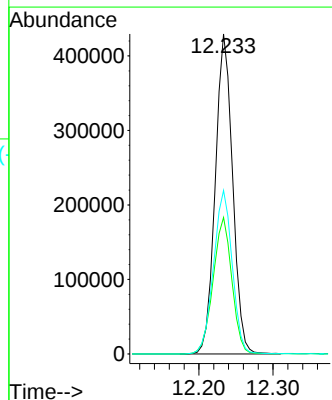
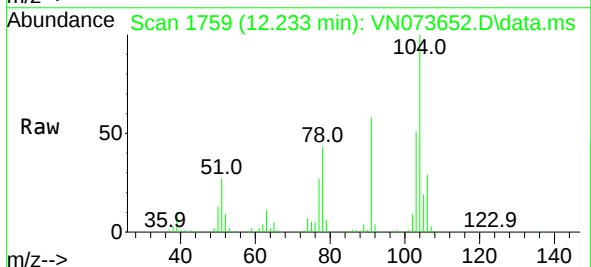
Instrument :  
MSVOA\_N  
ClientSampleId :

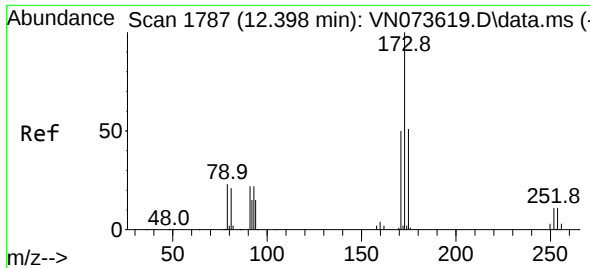
Tgt Ion:106 Resp: 418064  
Ion Ratio Lower Upper  
106 100  
91 208.2 106.0 318.0



#70  
Styrene  
Concen: 61.266 ug/l  
RT: 12.233 min Scan# 1759  
Delta R.T. 0.000 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26

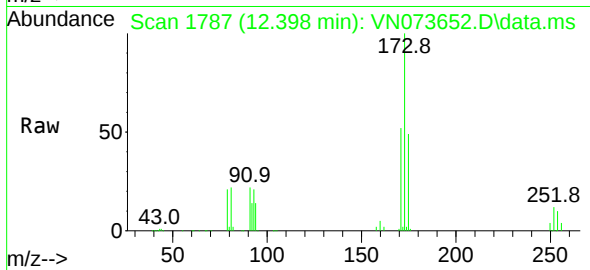
Tgt Ion:104 Resp: 698100  
Ion Ratio Lower Upper  
104 100  
78 46.2 39.5 59.3  
103 55.1 44.0 66.0



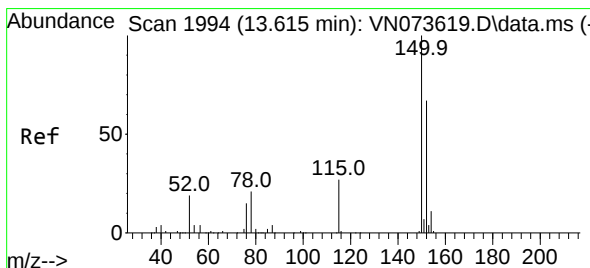
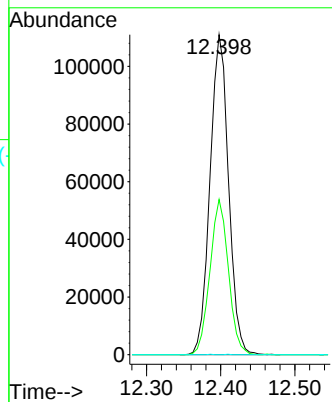
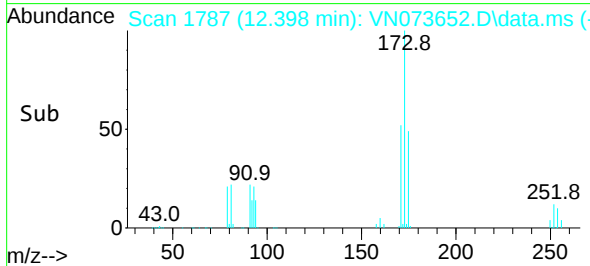


#71  
Bromoform  
Concen: 57.381 ug/l  
RT: 12.398 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26

Instrument :  
MSVOA\_N  
ClientSampleId :

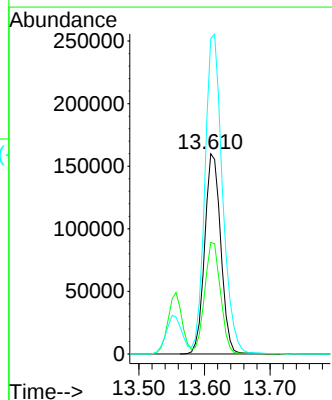
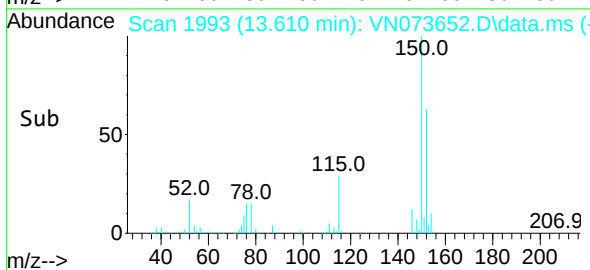
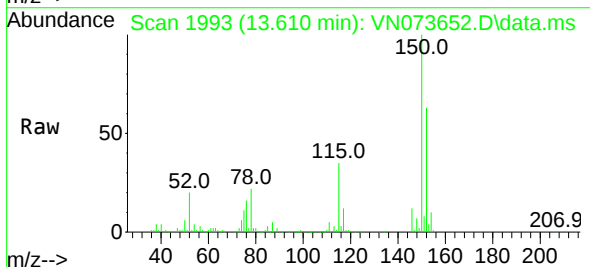


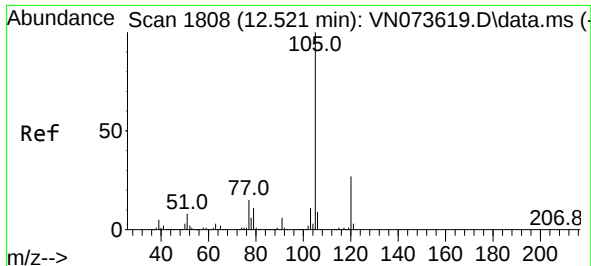
Tgt Ion:173 Resp: 192764  
Ion Ratio Lower Upper  
173 100  
175 48.3 24.6 73.6  
254 0.0 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.610 min Scan# 1993  
Delta R.T. -0.006 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26

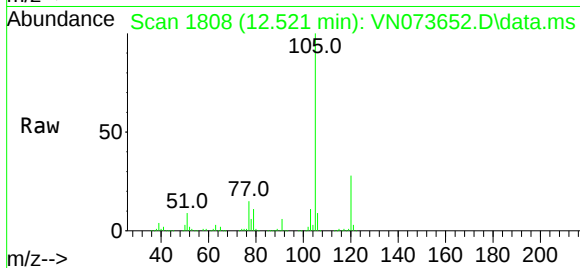
Tgt Ion:152 Resp: 273288  
Ion Ratio Lower Upper  
152 100  
115 55.4 28.9 86.7  
150 174.3 0.0 356.2



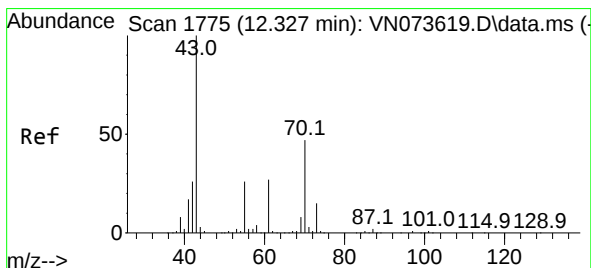
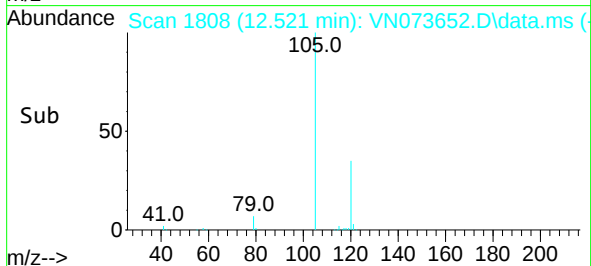
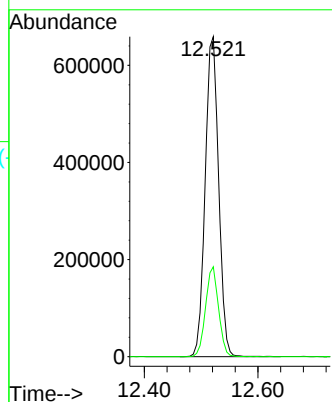


#73  
Isopropylbenzene  
Concen: 53.881 ug/l  
RT: 12.521 min Scan# 1808  
Delta R.T. -0.000 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26

Instrument :  
MSVOA\_N  
ClientSampleId :

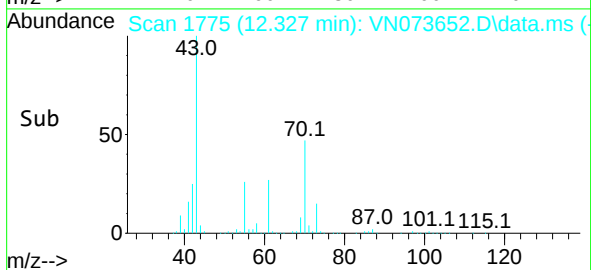
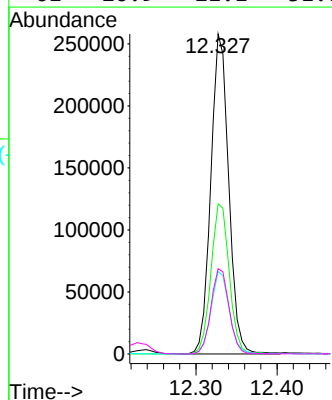
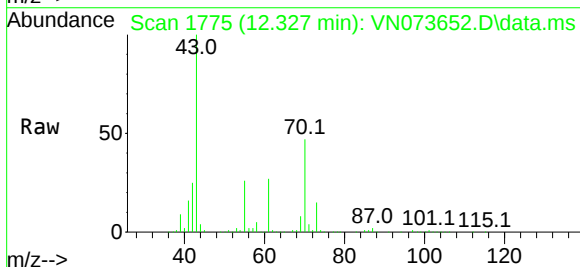


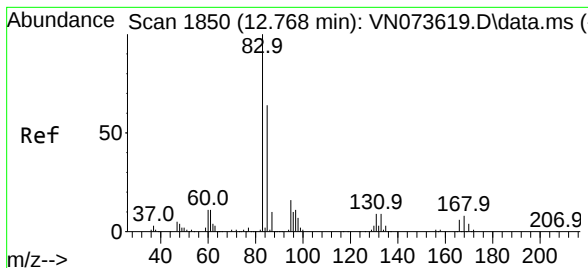
Tgt Ion:105 Resp: 1077918  
Ion Ratio Lower Upper  
105 100  
120 27.1 13.5 40.4



#74  
N-ethyl acetate  
Concen: 52.181 ug/l  
RT: 12.327 min Scan# 1775  
Delta R.T. -0.000 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26

Tgt Ion: 43 Resp: 394413  
Ion Ratio Lower Upper  
43 100  
70 48.3 39.0 58.4  
55 26.5 21.1 31.7  
61 26.9 21.1 31.7

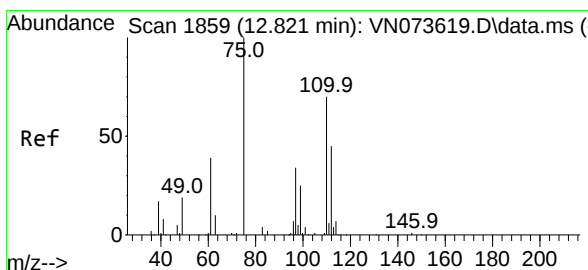
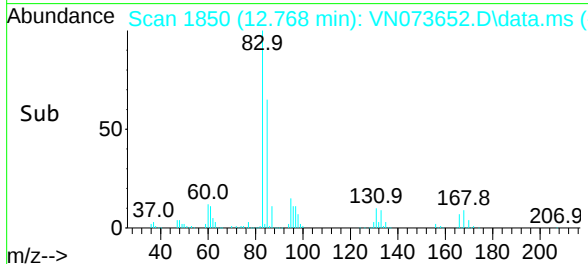
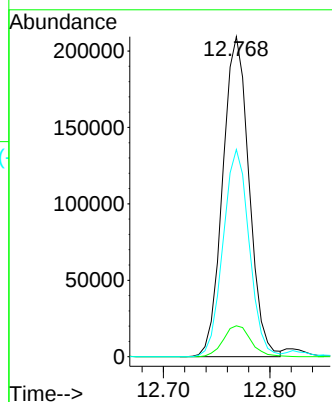
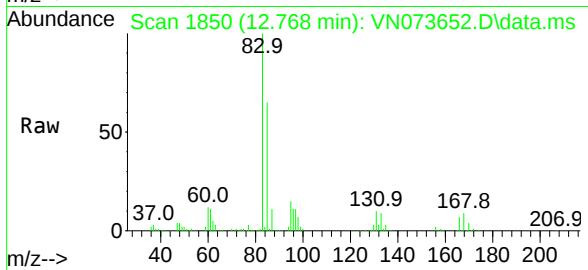




#75  
1,1,2,2-Tetrachloroethane  
Concen: 46.572 ug/l  
RT: 12.768 min Scan# 1850  
Delta R.T. -0.000 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26

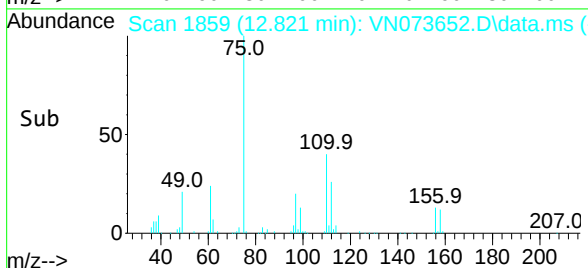
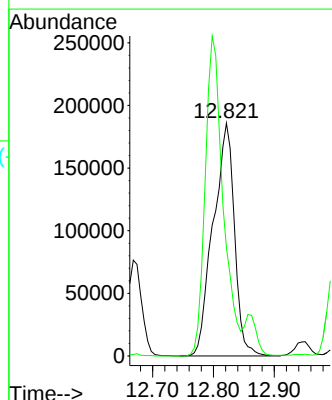
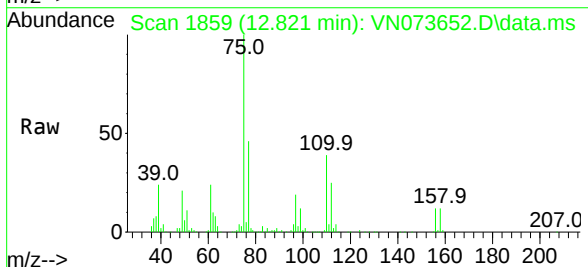
Instrument :  
MSVOA\_N  
ClientSampleId :

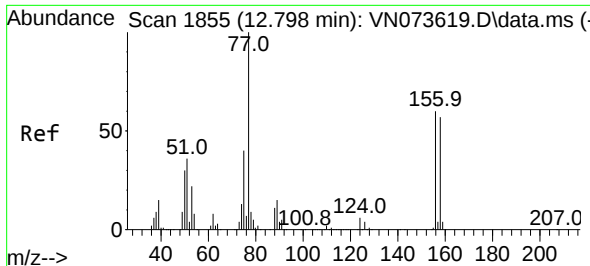
Tgt Ion: 83 Resp: 359530  
Ion Ratio Lower Upper  
83 100  
131 10.1 5.3 15.9  
85 64.1 32.3 96.9



#76  
1,2,3-Trichloropropane  
Concen: 92.967 ug/l  
RT: 12.821 min Scan# 1859  
Delta R.T. 0.000 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26

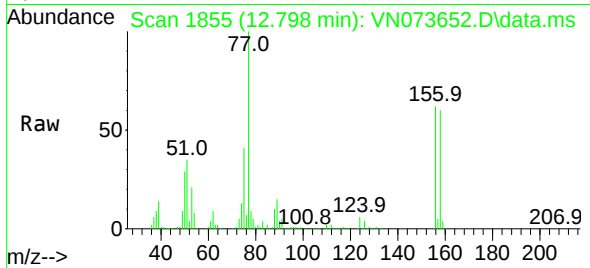
Tgt Ion: 75 Resp: 451560  
Ion Ratio Lower Upper  
75 100  
77 0.0 98.5 295.5#



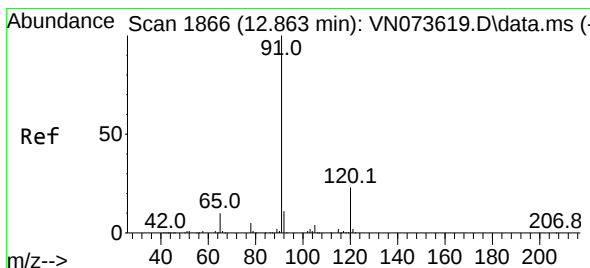
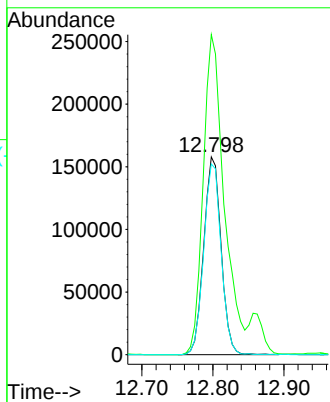
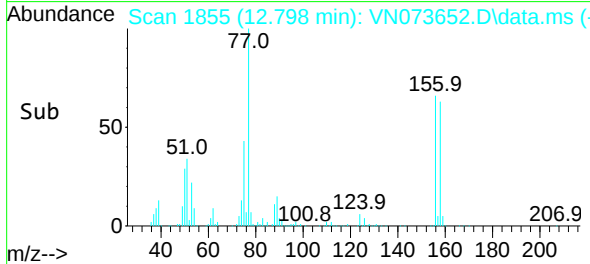


#77  
Bromobenzene  
Concen: 51.625 ug/l  
RT: 12.798 min Scan# 1855  
Delta R.T. -0.000 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26

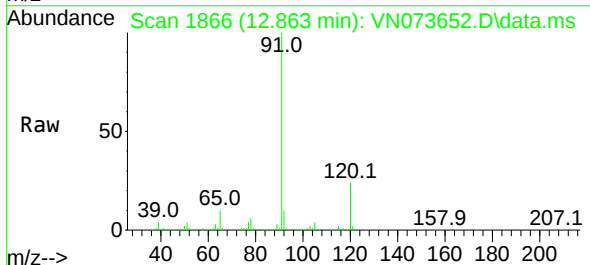
Instrument :  
MSVOA\_N  
ClientSampleId :



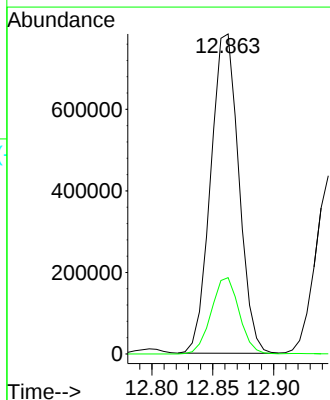
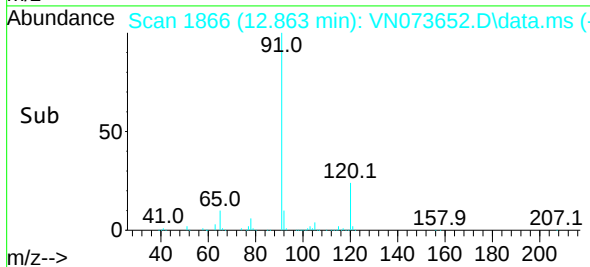
Tgt Ion:156 Resp: 268954  
Ion Ratio Lower Upper  
156 100  
77 194.4 100.5 301.5  
158 96.9 48.9 146.6

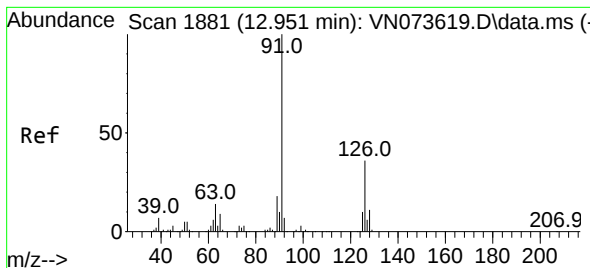


#78  
n-propylbenzene  
Concen: 56.041 ug/l  
RT: 12.863 min Scan# 1866  
Delta R.T. -0.000 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26



Tgt Ion: 91 Resp: 1261482  
Ion Ratio Lower Upper  
91 100  
120 23.7 11.9 35.5





#79

2-Chlorotoluene

Concen: 52.302 ug/l

RT: 12.945 min Scan# 1880

Delta R.T. -0.006 min

Lab File: VN073652.D

Acq: 01 Aug 2022 11:26

Instrument :

MSVOA\_N

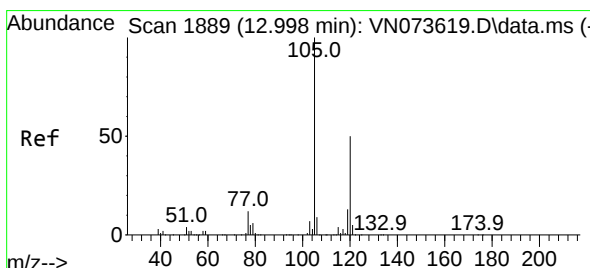
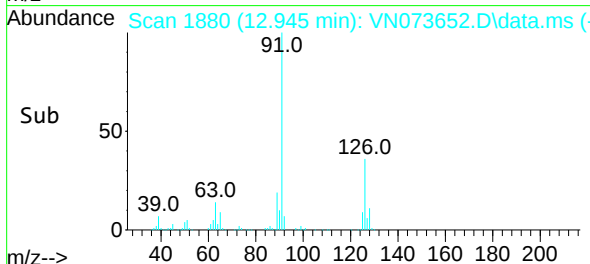
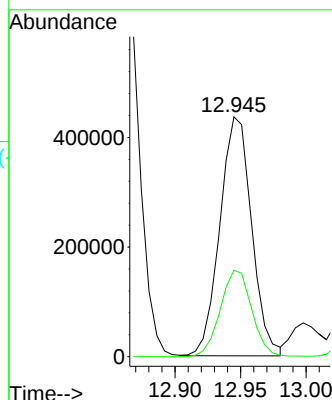
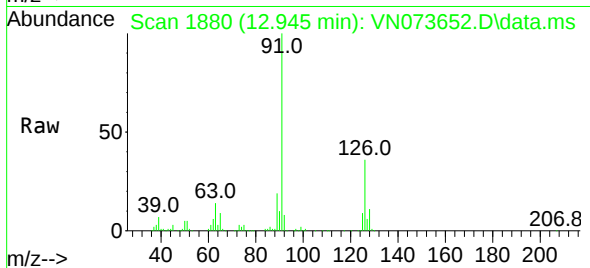
ClientSampleId :

Tgt Ion: 91 Resp: 734800

Ion Ratio Lower Upper

91 100

126 35.9 17.3 51.9



#80

1,3,5-Trimethylbenzene

Concen: 55.129 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VN073652.D

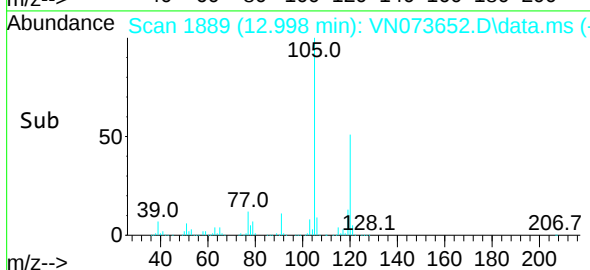
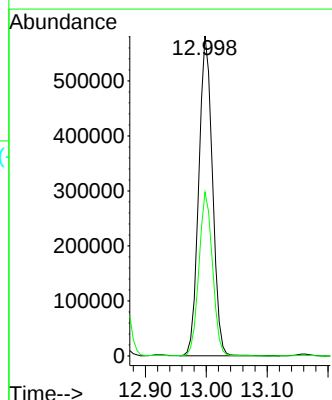
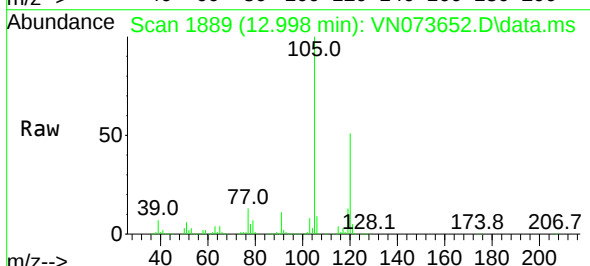
Acq: 01 Aug 2022 11:26

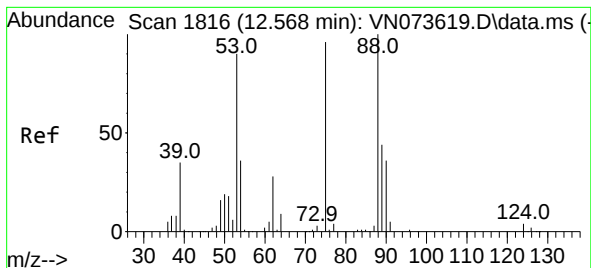
Tgt Ion:105 Resp: 907597

Ion Ratio Lower Upper

105 100

120 50.9 24.9 74.7

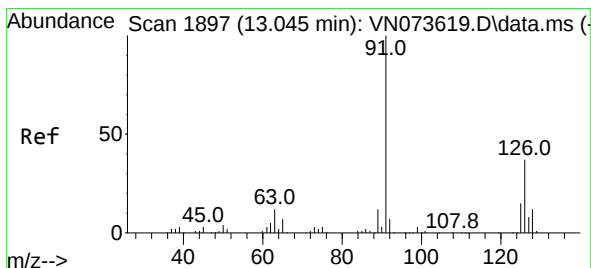
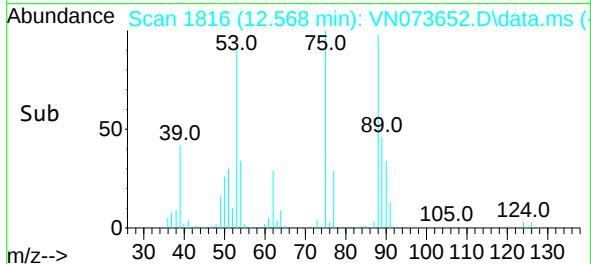
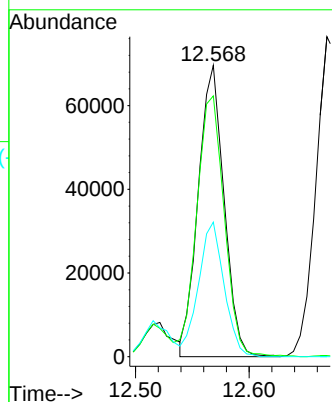
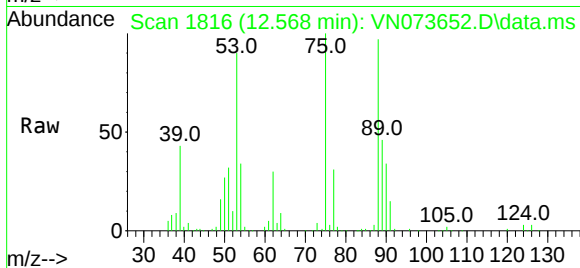




#81  
trans-1,4-Dichloro-2-butene  
Concen: 52.175 ug/l  
RT: 12.568 min Scan# 1816  
Delta R.T. -0.000 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26

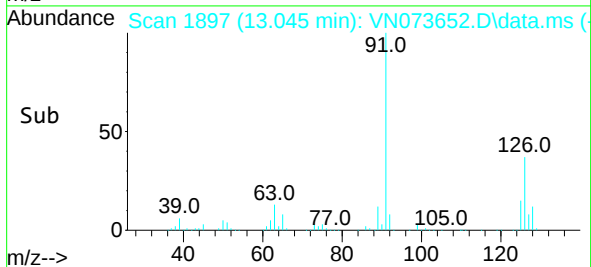
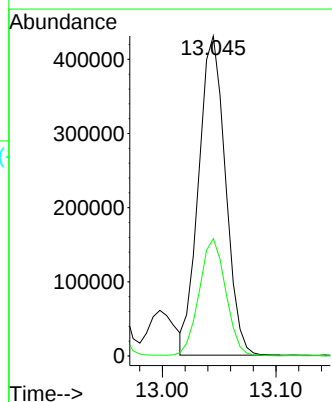
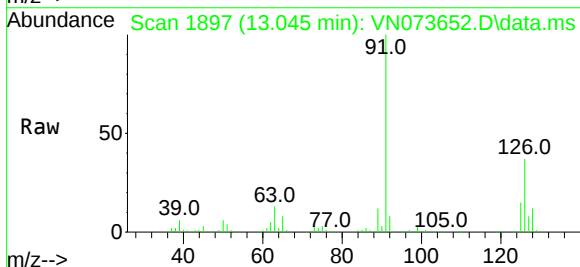
Instrument :  
MSVOA\_N  
ClientSampleId :

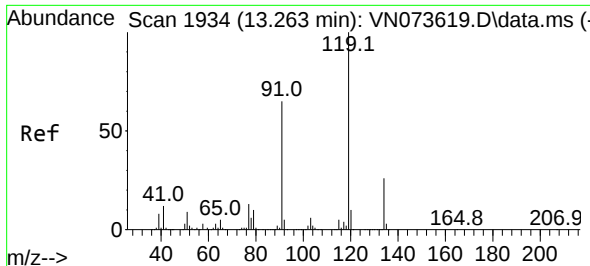
Tgt Ion: 75 Resp: 110028  
Ion Ratio Lower Upper  
75 100  
53 95.9 78.0 117.0  
89 45.8 37.2 55.8



#82  
4-Chlorotoluene  
Concen: 52.877 ug/l  
RT: 13.045 min Scan# 1897  
Delta R.T. -0.000 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26

Tgt Ion: 91 Resp: 704065  
Ion Ratio Lower Upper  
91 100  
126 36.5 17.2 51.6

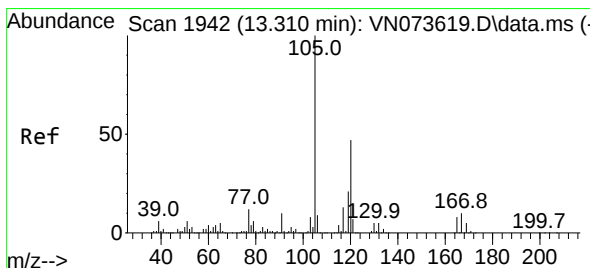
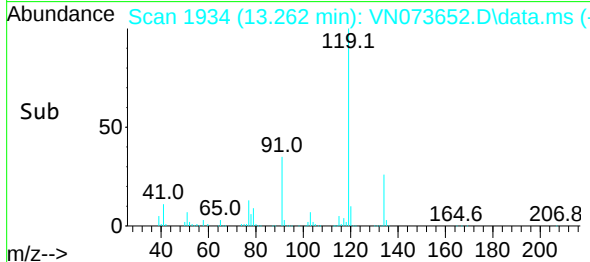
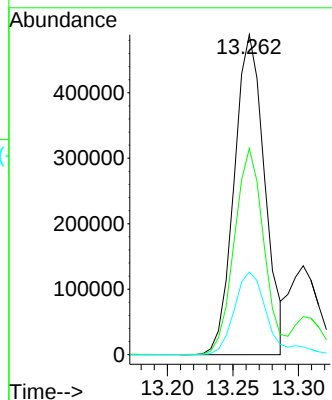
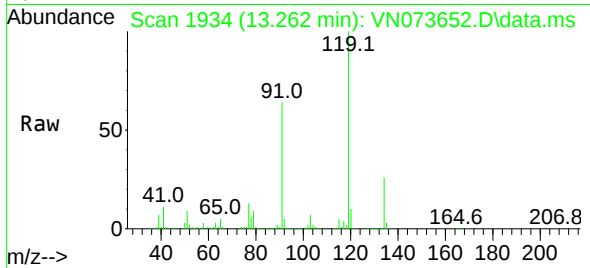




#83  
tert-Butylbenzene  
Concen: 54.215 ug/l  
RT: 13.262 min Scan# 1934  
Delta R.T. -0.000 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26

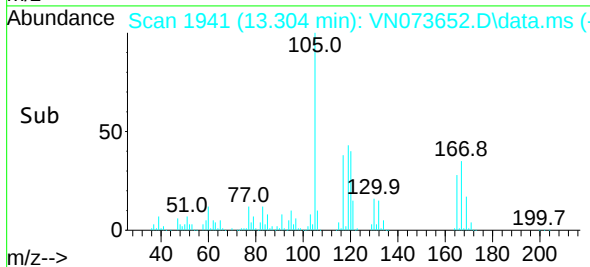
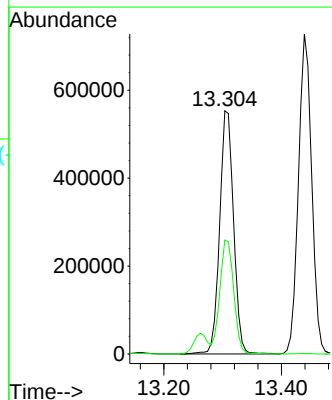
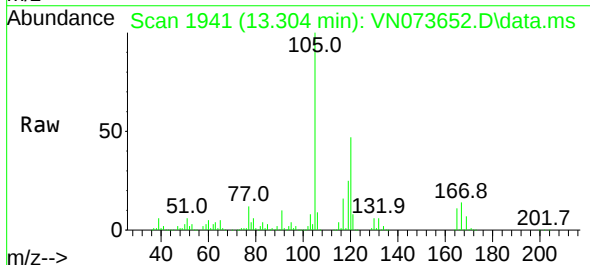
Instrument :  
MSVOA\_N  
ClientSampleId :

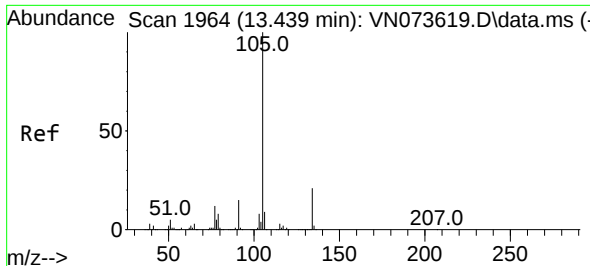
Tgt Ion:119 Resp: 790578  
Ion Ratio Lower Upper  
119 100  
91 63.0 31.6 94.8  
134 28.2 13.7 41.1



#84  
1,2,4-Trimethylbenzene  
Concen: 56.158 ug/l  
RT: 13.304 min Scan# 1941  
Delta R.T. -0.006 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26

Tgt Ion:105 Resp: 909102  
Ion Ratio Lower Upper  
105 100  
120 46.6 23.3 69.8

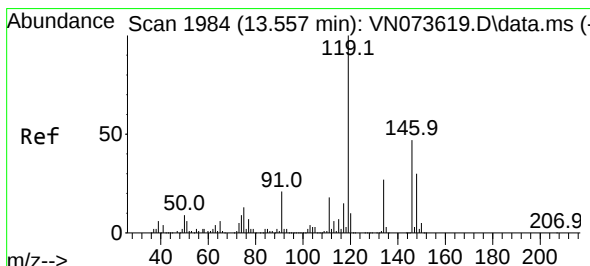
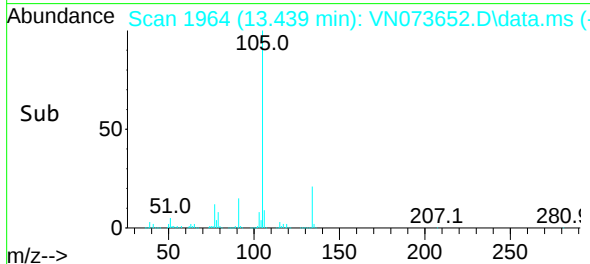
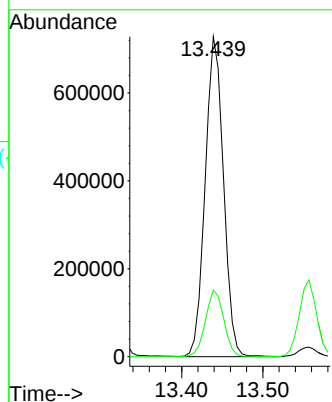
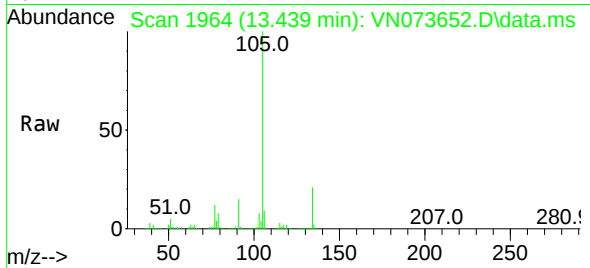




#85  
 sec-Butylbenzene  
 Concen: 56.391 ug/l  
 RT: 13.439 min Scan# 1964  
 Delta R.T. -0.000 min  
 Lab File: VN073652.D  
 Acq: 01 Aug 2022 11:26

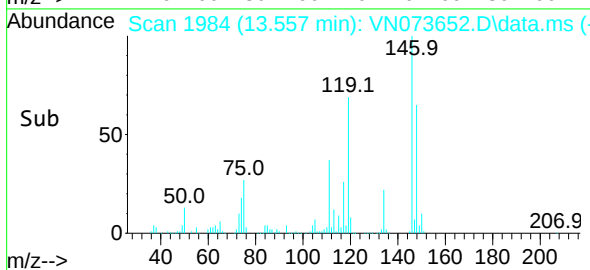
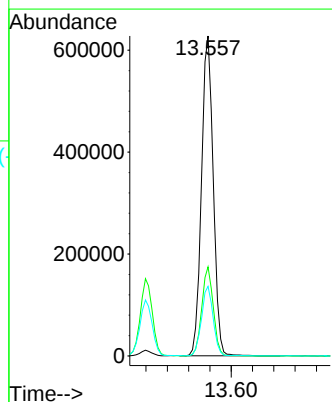
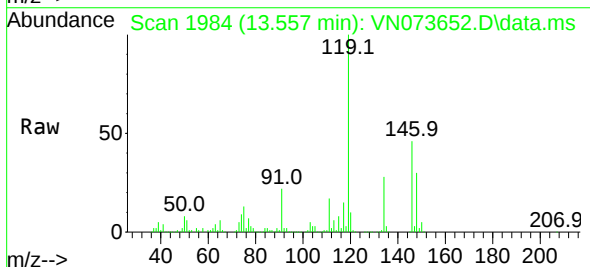
Instrument :  
 MSVOA\_N  
 ClientSampleId :

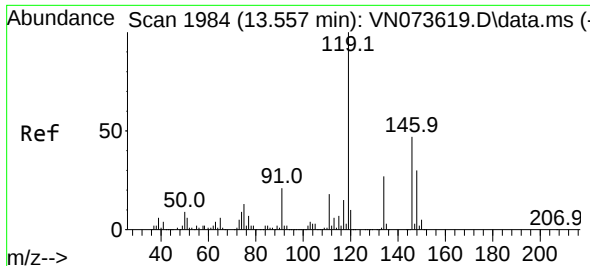
Tgt Ion:105 Resp: 1136531  
 Ion Ratio Lower Upper  
 105 100  
 134 20.9 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 60.445 ug/l  
 RT: 13.557 min Scan# 1984  
 Delta R.T. -0.000 min  
 Lab File: VN073652.D  
 Acq: 01 Aug 2022 11:26

Tgt Ion:119 Resp: 960358  
 Ion Ratio Lower Upper  
 119 100  
 134 27.2 13.3 39.8  
 91 21.7 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 52.035 ug/l

RT: 13.551 min Scan# 1984

Delta R.T. -0.006 min

Lab File: VN073652.D

Acq: 01 Aug 2022 11:26

Instrument :

MSVOA\_N

ClientSampleId :

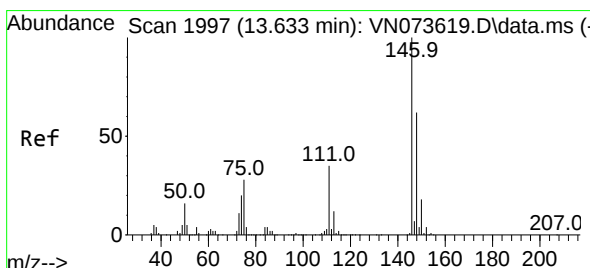
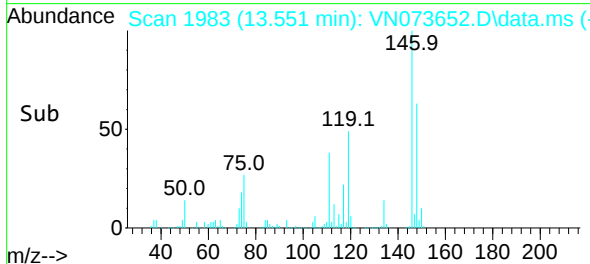
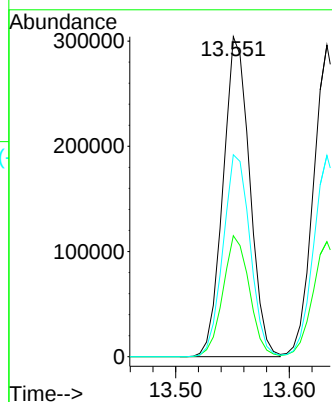
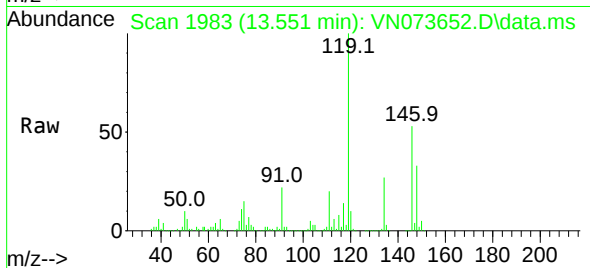
Tgt Ion:146 Resp: 494822

Ion Ratio Lower Upper

146 100

111 37.6 20.0 60.0

148 64.3 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 51.608 ug/l

RT: 13.633 min Scan# 1997

Delta R.T. -0.000 min

Lab File: VN073652.D

Acq: 01 Aug 2022 11:26

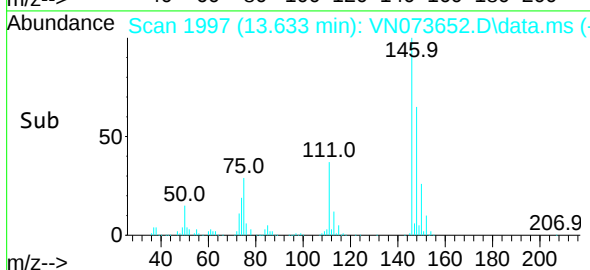
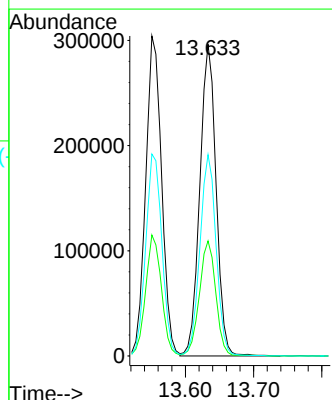
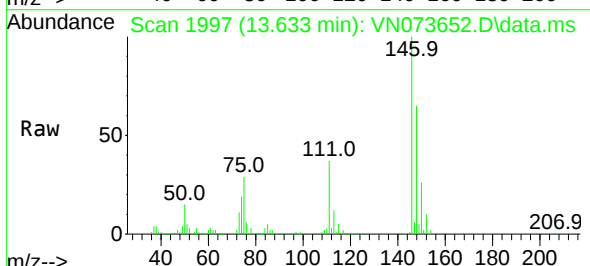
Tgt Ion:146 Resp: 491030

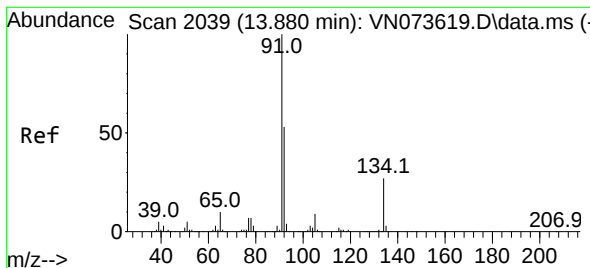
Ion Ratio Lower Upper

146 100

111 37.4 19.1 57.1

148 64.5 31.4 94.3





#89

n-Butylbenzene

Concen: 59.032 ug/l

RT: 13.880 min Scan# 2039

Delta R.T. -0.000 min

Lab File: VN073652.D

Acq: 01 Aug 2022 11:26

Instrument :

MSVOA\_N

ClientSampleId :

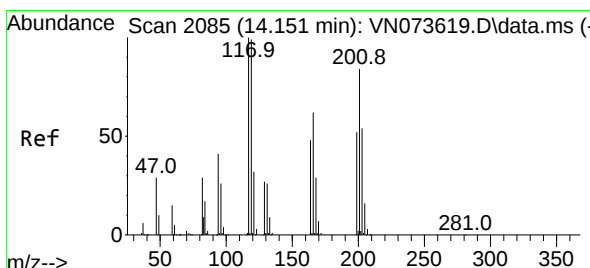
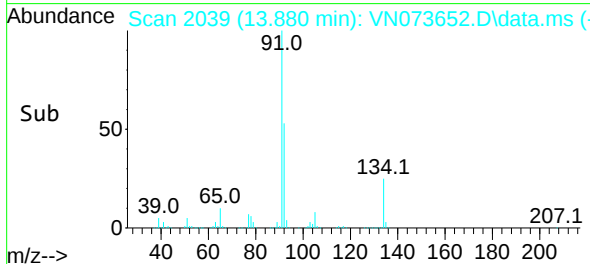
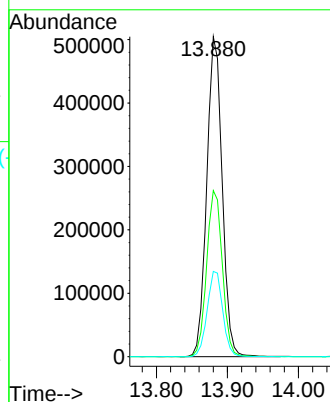
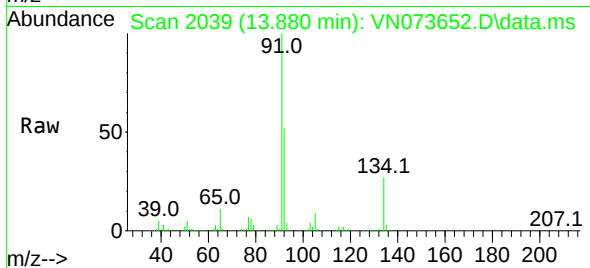
Tgt Ion: 91 Resp: 763138

Ion Ratio Lower Upper

91 100

92 52.8 26.9 80.7

134 26.9 13.6 40.8



#90

Hexachloroethane

Concen: 52.123 ug/l

RT: 14.151 min Scan# 2085

Delta R.T. -0.000 min

Lab File: VN073652.D

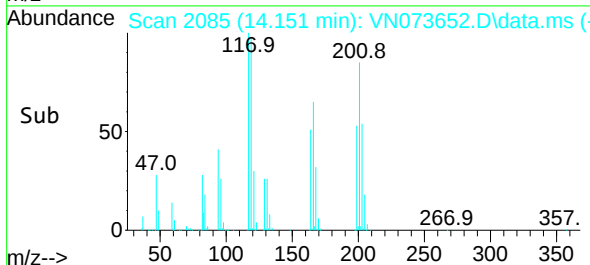
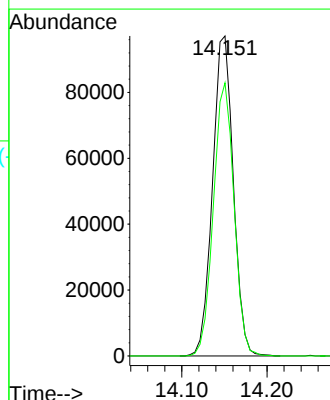
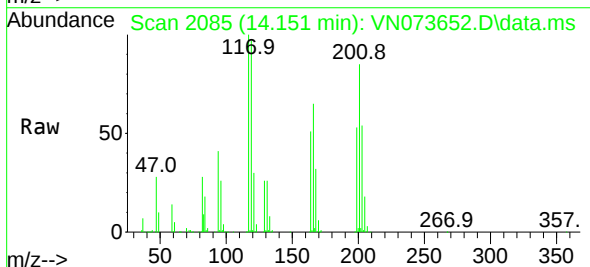
Acq: 01 Aug 2022 11:26

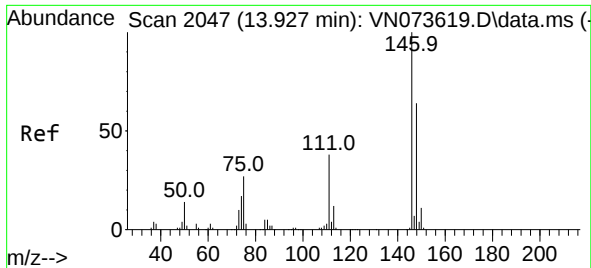
Tgt Ion: 117 Resp: 164308

Ion Ratio Lower Upper

117 100

201 84.9 40.6 122.0

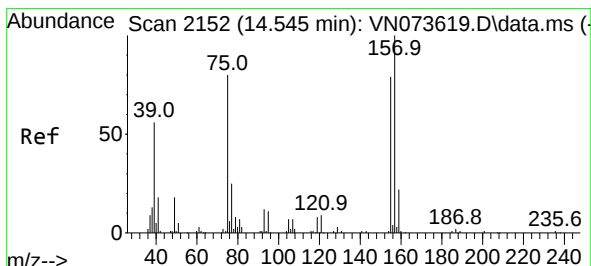
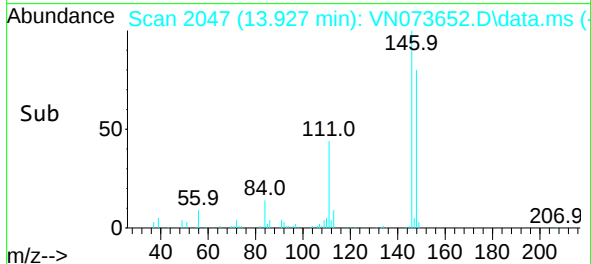
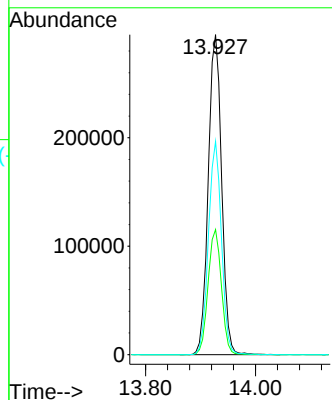
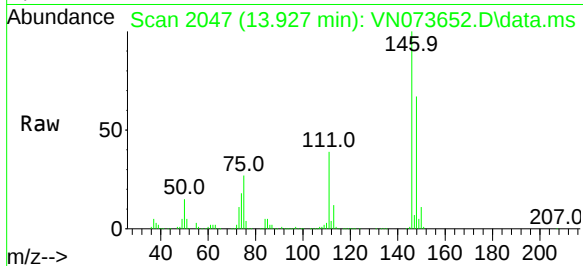




#91  
1,2-Dichlorobenzene  
Concen: 51.740 ug/l  
RT: 13.927 min Scan# 2047  
Delta R.T. -0.000 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26

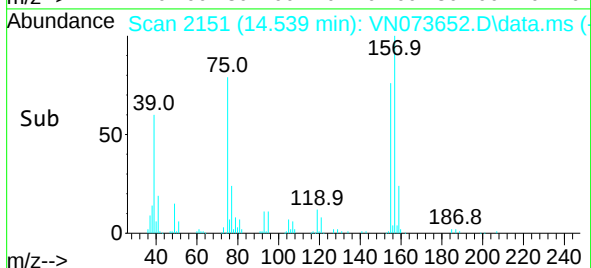
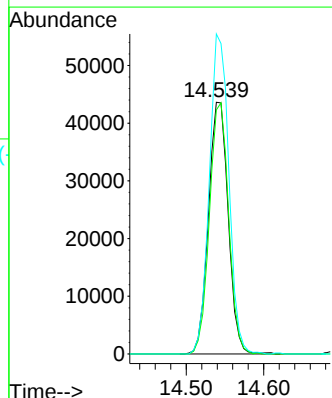
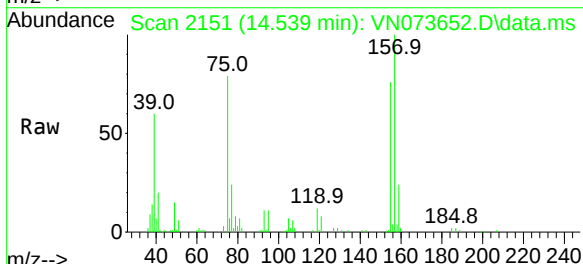
Instrument :  
MSVOA\_N  
ClientSampleId :

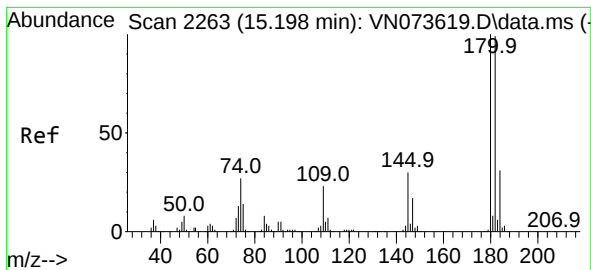
Tgt Ion:146 Resp: 498581  
Ion Ratio Lower Upper  
146 100  
111 39.0 20.9 62.8  
148 64.6 32.1 96.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 49.778 ug/l  
RT: 14.539 min Scan# 2151  
Delta R.T. -0.006 min  
Lab File: VN073652.D  
Acq: 01 Aug 2022 11:26

Tgt Ion: 75 Resp: 77209  
Ion Ratio Lower Upper  
75 100  
155 96.9 44.9 134.5  
157 125.4 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 58.317 ug/l

RT: 15.198 min Scan# 2263

Delta R.T. -0.000 min

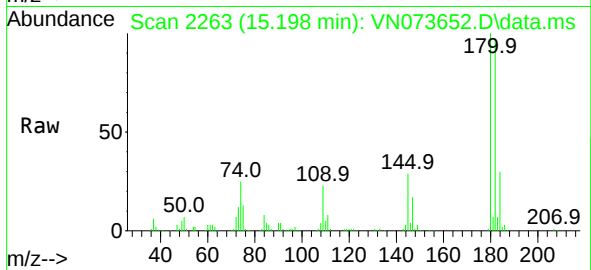
Lab File: VN073652.D

Acq: 01 Aug 2022 11:26

Instrument :

MSVOA\_N

ClientSampleId :



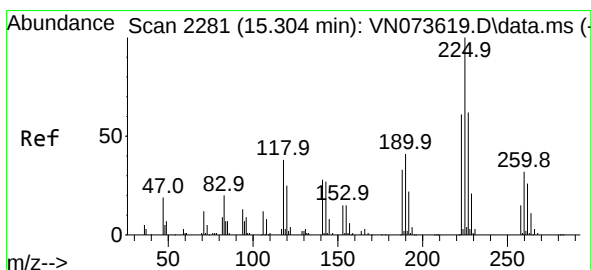
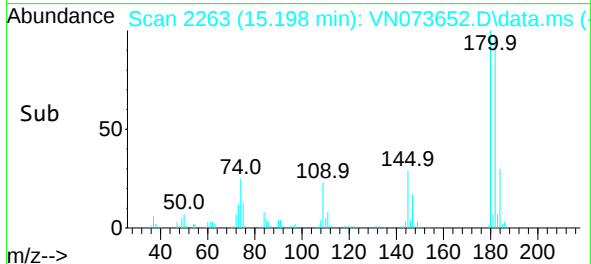
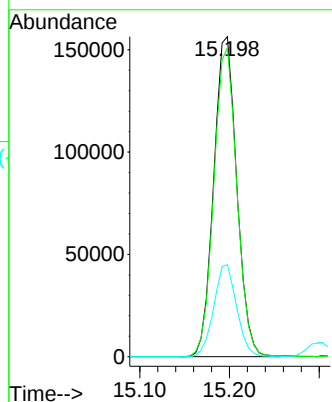
Tgt Ion:180 Resp: 279067

Ion Ratio Lower Upper

180 100

182 96.7 47.5 142.5

145 28.6 14.5 43.5



#94

Hexachlorobutadiene

Concen: 53.278 ug/l

RT: 15.304 min Scan# 2281

Delta R.T. -0.000 min

Lab File: VN073652.D

Acq: 01 Aug 2022 11:26

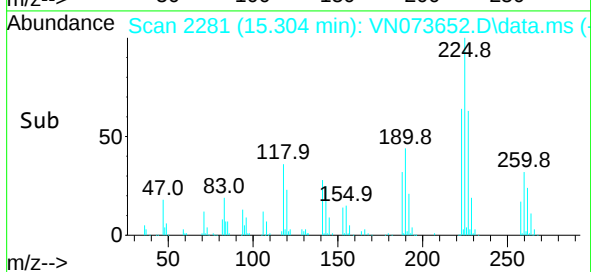
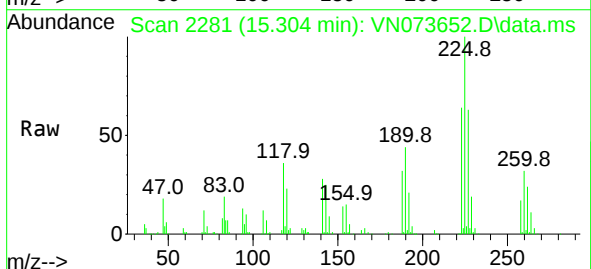
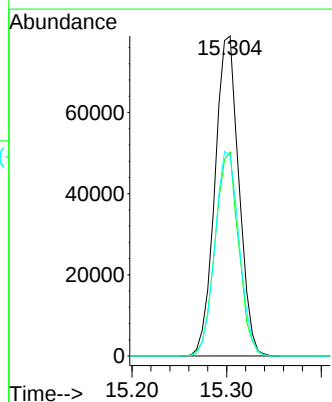
Tgt Ion:225 Resp: 138604

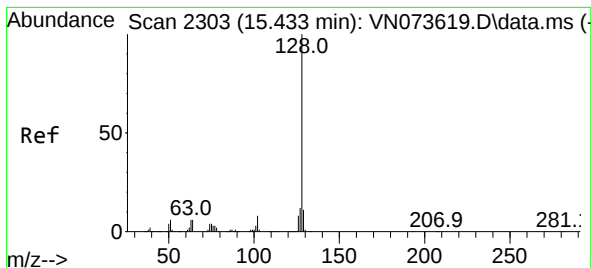
Ion Ratio Lower Upper

225 100

223 62.7 32.4 97.2

227 64.8 31.8 95.4





#95

Naphthalene

Concen: 58.381 ug/l

RT: 15.433 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN073652.D

Acq: 01 Aug 2022 11:26

Instrument :

MSVOA\_N

ClientSampleId :

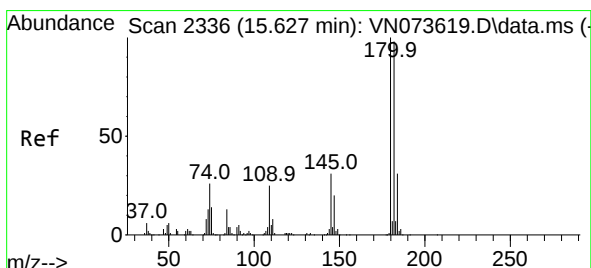
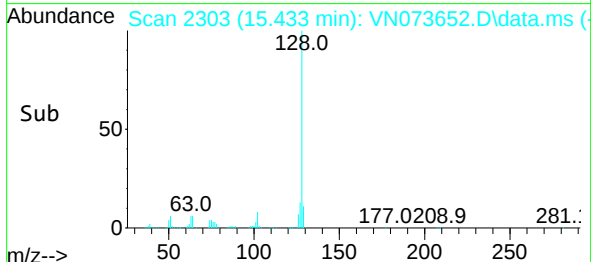
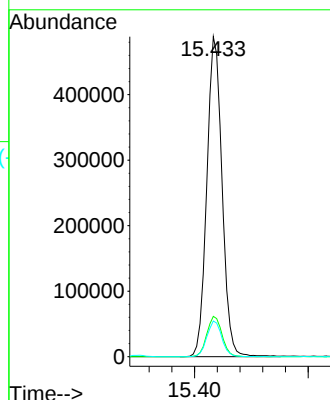
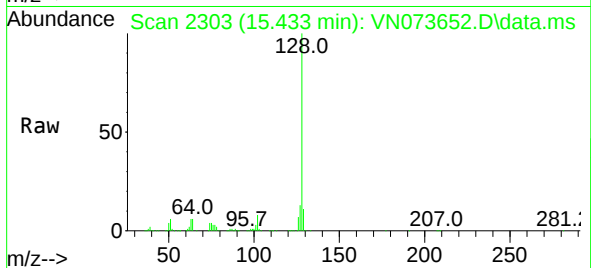
Tgt Ion:128 Resp: 906575

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 56.441 ug/l

RT: 15.627 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VN073652.D

Acq: 01 Aug 2022 11:26

Tgt Ion:180 Resp: 284261

Ion Ratio Lower Upper

180 100

182 96.6 47.8 143.3

145 29.9 15.5 46.5

