

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN122921\  
 Data File : VN070340.D  
 Acq On : 29 Dec 2021 10:36  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Dec 30 01:48:06 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N122721W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Dec 27 18:47:12 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.086  | 168  | 1101279  | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.965  | 114  | 1763002  | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.744 | 117  | 1680553  | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.675 | 152  | 721901   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.437  | 65    | 723077   | 45.665   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =    | 91.340%  |
| 35) Dibromofluoromethane    | 8.019  | 113   | 527138   | 49.417   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =    | 98.840%  |
| 50) Toluene-d8              | 10.441 | 98    | 2108648  | 48.390   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =    | 96.780%  |
| 62) 4-Bromofluorobenzene    | 12.731 | 95    | 794881   | 50.505   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =    | 101.000% |

|                              |       |     |          |         |        |     |
|------------------------------|-------|-----|----------|---------|--------|-----|
| Target Compounds             |       |     |          | Qvalue  |        |     |
| 2) Dichlorodifluoromethane   | 2.073 | 85  | 660348   | 52.874  | ug/l   | 100 |
| 3) Chloromethane             | 2.301 | 50  | 856553   | 50.418  | ug/l   | 100 |
| 4) Vinyl Chloride            | 2.446 | 62  | 780406   | 50.454  | ug/l   | 100 |
| 5) Bromomethane              | 2.837 | 94  | 406827   | 50.958  | ug/l   | 100 |
| 6) Chloroethane              | 3.011 | 64  | 458868   | 49.261  | ug/l   | 97  |
| 7) Trichlorofluoromethane    | 3.371 | 101 | 927161   | 49.801  | ug/l   | 97  |
| 8) Diethyl Ether             | 3.821 | 74  | 416379   | 50.734  | ug/l   | 80  |
| 9) 1,1,2-Trichlorotrifluo... | 4.202 | 101 | 605863   | 53.206  | ug/l   | 96  |
| 10) Methyl Iodide            | 4.414 | 142 | 822866   | 53.397  | ug/l   | 99  |
| 11) Tert butyl alcohol       | 5.380 | 59  | 704136   | 267.073 | ug/l   | 98  |
| 12) 1,1-Dichloroethene       | 4.178 | 96  | 577322   | 51.473  | ug/l   | 91  |
| 13) Acrolein                 | 4.036 | 56  | 547381   | 255.880 | ug/l   | 100 |
| 14) Allyl chloride           | 4.838 | 41  | 1349497  | 53.068  | ug/l   | 88  |
| 15) Acrylonitrile            | 5.551 | 53  | 2221660  | 270.036 | ug/l   | 99  |
| 16) Acetone                  | 4.285 | 43  | 2815767  | 273.936 | ug/l   | 99  |
| 17) Carbon Disulfide         | 4.524 | 76  | 1719098  | 56.151  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.851 | 43  | 1540870  | 51.823  | ug/l   | 91  |
| 19) Methyl tert-butyl Ether  | 5.616 | 73  | 2165080  | 51.979  | ug/l   | 95  |
| 20) Methylene Chloride       | 5.090 | 84  | 705976   | 49.641  | ug/l   | 87  |
| 21) trans-1,2-Dichloroethene | 5.594 | 96  | 615931   | 51.866  | ug/l   | 87  |
| 22) Diisopropyl ether        | 6.495 | 45  | 2631469  | 53.129  | ug/l # | 92  |
| 23) Vinyl Acetate            | 6.431 | 43  | 10532069 | 274.066 | ug/l # | 94  |
| 24) 1,1-Dichloroethane       | 6.385 | 63  | 1323440  | 51.532  | ug/l   | 97  |
| 25) 2-Butanone               | 7.335 | 43  | 3556592  | 274.801 | ug/l   | 92  |
| 26) 2,2-Dichloropropane      | 7.324 | 77  | 1054076  | 52.027  | ug/l   | 97  |
| 27) cis-1,2-Dichloroethene   | 7.324 | 96  | 743391   | 52.462  | ug/l   | 86  |
| 28) Bromochloromethane       | 7.657 | 49  | 542413   | 43.186  | ug/l # | 77  |
| 29) Tetrahydrofuran          | 7.683 | 42  | 2116001  | 274.026 | ug/l   | 87  |
| 30) Chloroform               | 7.818 | 83  | 1274823  | 51.454  | ug/l   | 100 |
| 31) Cyclohexane              | 8.094 | 56  | 1280897  | 51.263  | ug/l   | 87  |
| 32) 1,1,1-Trichloroethane    | 8.013 | 97  | 1086432  | 52.006  | ug/l   | 96  |
| 36) 1,1-Dichloropropene      | 8.220 | 75  | 968130   | 54.864  | ug/l   | 97  |
| 37) Ethyl Acetate            | 7.413 | 43  | 1243895  | 54.383  | ug/l   | 96  |
| 38) Carbon Tetrachloride     | 8.204 | 117 | 938356   | 55.689  | ug/l   | 99  |
| 39) Methylcyclohexane        | 9.459 | 83  | 1201694  | 56.250  | ug/l   | 88  |
| 40) Benzene                  | 8.459 | 78  | 2902842  | 53.658  | ug/l   | 98  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN122921\  
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 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Dec 30 01:48:06 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N122721W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Dec 27 18:47:12 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.635  | 41   | 665405   | 58.162   | ug/l # | 87       |
| 42) 1,2-Dichloroethane        | 8.528  | 62   | 1071492  | 52.694   | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.560  | 43   | 1984988  | 55.043   | ug/l # | 94       |
| 44) Trichloroethene           | 9.215  | 130  | 687566   | 53.489   | ug/l   | 89       |
| 45) 1,2-Dichloropropane       | 9.491  | 63   | 800285   | 54.942   | ug/l   | 99       |
| 46) Dibromomethane            | 9.577  | 93   | 493102   | 54.442   | ug/l   | 94       |
| 47) Bromodichloromethane      | 9.762  | 83   | 1040524  | 57.856   | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.558  | 41   | 1008666  | 58.639   | ug/l # | 78       |
| 49) 1,4-Dioxane               | 9.569  | 88   | 301119   | 1195.883 | ug/l # | 80       |
| 51) 4-Methyl-2-Pentanone      | 10.331 | 43   | 6508329  | 287.216  | ug/l   | 97       |
| 52) Toluene                   | 10.505 | 92   | 1808548  | 55.230   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.719 | 75   | 1133560  | 58.222   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 10.188 | 75   | 1233885  | 58.585   | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane     | 10.896 | 97   | 708196   | 54.661   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.760 | 69   | 1221677  | 57.067   | ug/l   | 89       |
| 57) 1,3-Dichloropropane       | 11.044 | 76   | 1253676  | 54.707   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.041 | 63   | 1548254  | 280.682  | ug/l   | 90       |
| 59) 2-Hexanone                | 11.084 | 43   | 4963872  | 300.389  | ug/l   | 94       |
| 60) Dibromochloromethane      | 11.237 | 129  | 763135   | 60.369   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.344 | 107  | 726890   | 55.254   | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.977 | 164  | 614605   | 50.503   | ug/l   | 96       |
| 65) Chlorobenzene             | 11.771 | 112  | 1897507  | 53.214   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.841 | 131  | 698470   | 54.869   | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.843 | 91   | 3574525  | 54.712   | ug/l   | 96       |
| 68) m/p-Xylenes               | 11.953 | 106  | 2658932  | 111.806  | ug/l   | 94       |
| 69) o-Xylene                  | 12.280 | 106  | 1304502  | 55.148   | ug/l   | 92       |
| 70) Styrene                   | 12.294 | 104  | 2187528  | 58.430   | ug/l   | 97       |
| 71) Bromoform                 | 12.457 | 173  | 601783   | 63.698   | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.578 | 105  | 3444874  | 51.386   | ug/l   | 98       |
| 74) N-amyl acetate            | 12.388 | 43   | 1533134  | 54.390   | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane | 12.828 | 83   | 1112452  | 50.679   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.881 | 75   | 1412095  | 65.194   | ug/l # | 1        |
| 77) Bromobenzene              | 12.860 | 156  | 791818   | 51.446   | ug/l   | 78       |
| 78) n-propylbenzene           | 12.919 | 91   | 4071434  | 54.813   | ug/l   | 96       |
| 79) 2-Chlorotoluene           | 13.007 | 91   | 2433038  | 51.051   | ug/l   | 93       |
| 80) 1,3,5-Trimethylbenzene    | 13.058 | 105  | 2834305  | 52.759   | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 12.626 | 75   | 364343   | 61.663   | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 13.104 | 91   | 2396191  | 53.675   | ug/l   | 92       |
| 83) tert-Butylbenzene         | 13.324 | 119  | 2434102  | 51.456   | ug/l   | 93       |
| 84) 1,2,4-Trimethylbenzene    | 13.367 | 105  | 2784268  | 53.823   | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.501 | 105  | 3496046  | 54.436   | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.616 | 119  | 2800304  | 55.507   | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 13.616 | 146  | 1359187  | 52.753   | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene       | 13.694 | 146  | 1326296  | 52.185   | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.943 | 91   | 2409050  | 57.249   | ug/l   | 97       |
| 90) Hexachloroethane          | 14.209 | 117  | 542181   | 61.862   | ug/l   | 90       |
| 91) 1,2-Dichlorobenzene       | 13.989 | 146  | 1289231  | 51.042   | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.603 | 75   | 213861   | 55.069   | ug/l   | 79       |
| 93) 1,2,4-Trichlorobenzene    | 15.263 | 180  | 668086   | 56.135   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.370 | 225  | 382504   | 55.301   | ug/l   | 99       |
| 95) Naphthalene               | 15.507 | 128  | 1758619  | 53.342   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.700 | 180  | 631992   | 55.425   | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN122921\  
Data File : VN070340.D  
Acq On : 29 Dec 2021 10:36  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 2 Sample Multiplier: 1

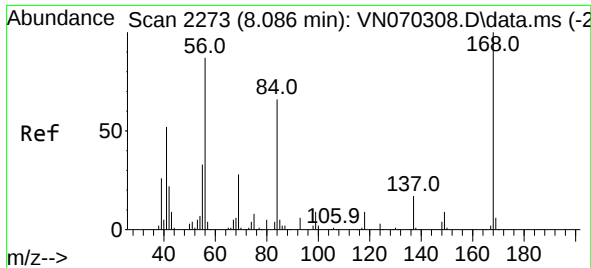
Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Dec 30 01:48:06 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N122721W.M  
Quant Title : SW846 8260  
QLast Update : Mon Dec 27 18:47:12 2021  
Response via : Initial Calibration

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

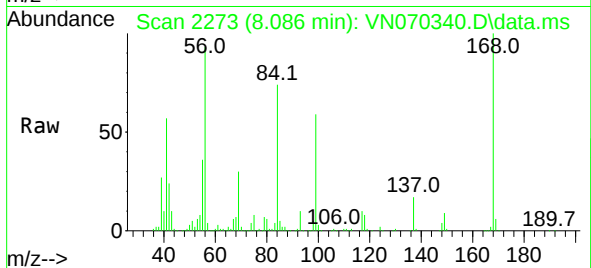
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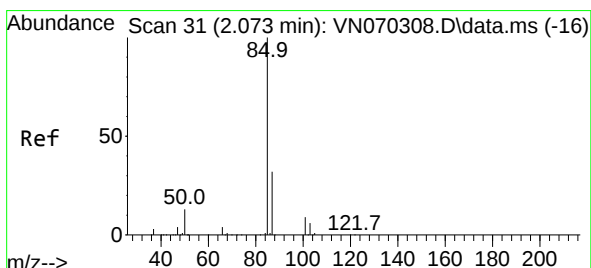
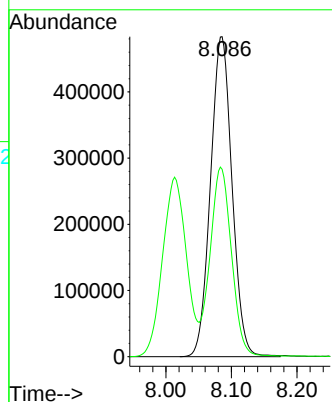
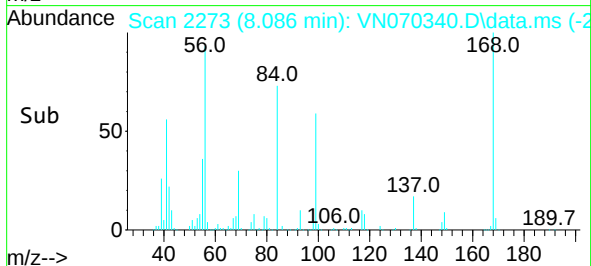


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.086 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

Instrument :  
MSVOA\_N  
ClientSampleId :

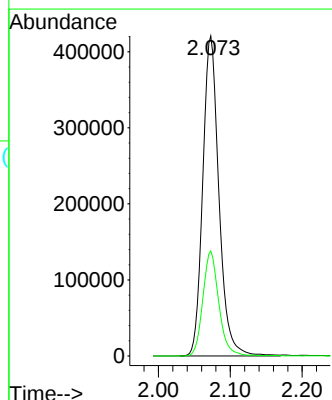
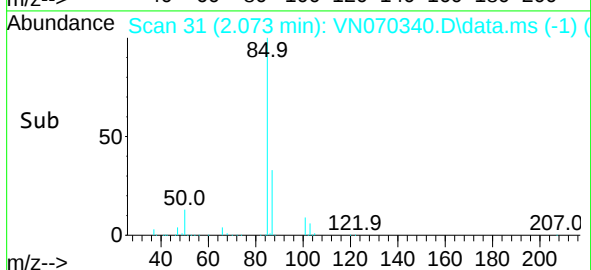
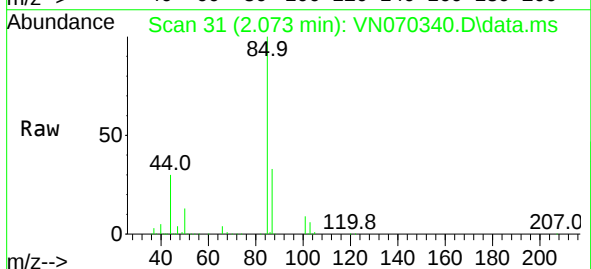


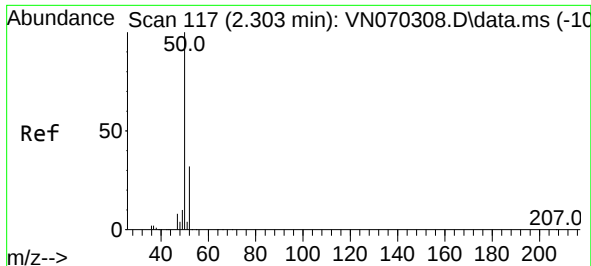
Tgt Ion:168 Resp: 1101279  
Ion Ratio Lower Upper  
168 100  
99 58.3 41.3 61.9



#2  
Dichlorodifluoromethane  
Concen: 52.874 ug/l  
RT: 2.073 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

Tgt Ion: 85 Resp: 660348  
Ion Ratio Lower Upper  
85 100  
87 32.8 16.3 48.9

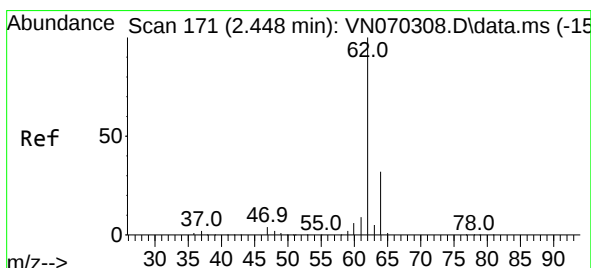
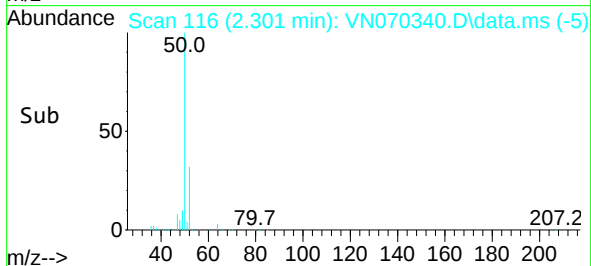
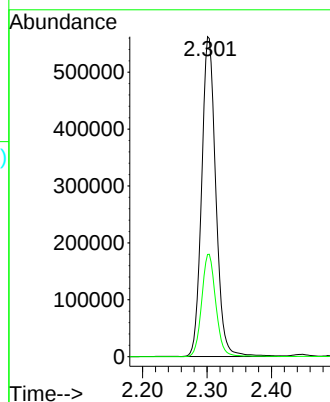
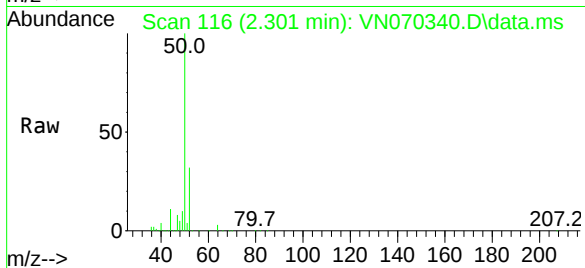




#3  
Chloromethane  
Concen: 50.418 ug/l  
RT: 2.301 min Scan# 117  
Delta R.T. -0.002 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

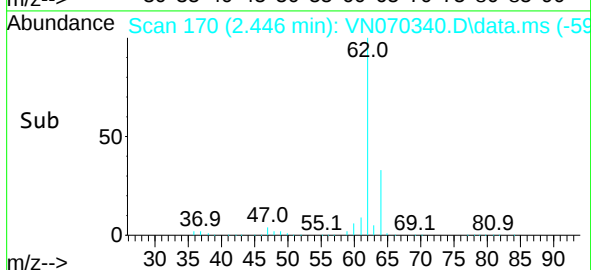
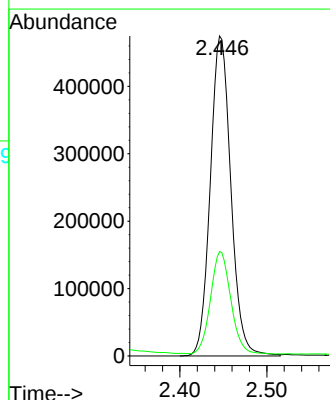
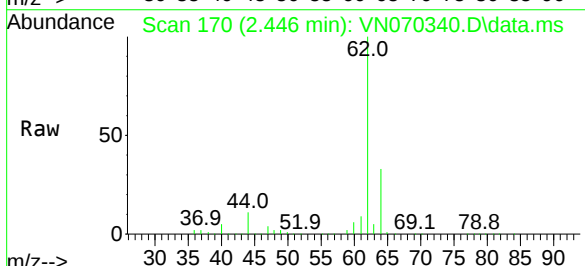
Instrument :  
MSVOA\_N  
ClientSampleId :

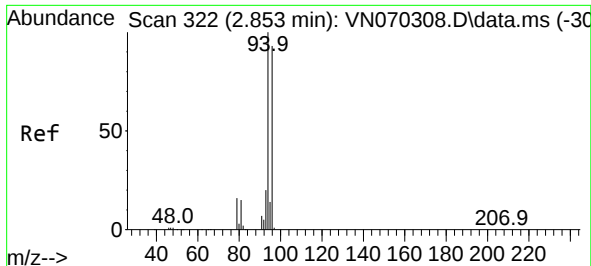
Tgt Ion: 50 Resp: 856553  
Ion Ratio Lower Upper  
50 100  
52 32.0 25.4 38.0



#4  
Vinyl Chloride  
Concen: 50.454 ug/l  
RT: 2.446 min Scan# 170  
Delta R.T. -0.002 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

Tgt Ion: 62 Resp: 780406  
Ion Ratio Lower Upper  
62 100  
64 32.0 25.8 38.6

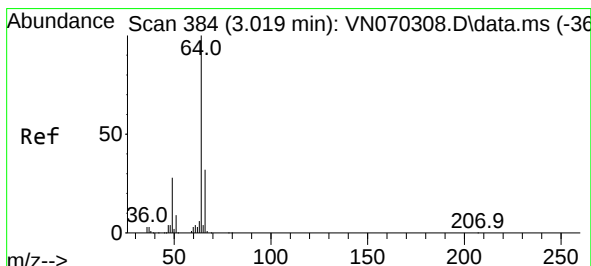
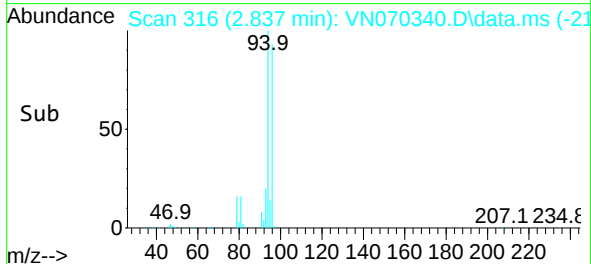
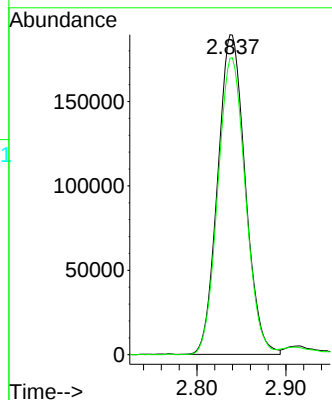
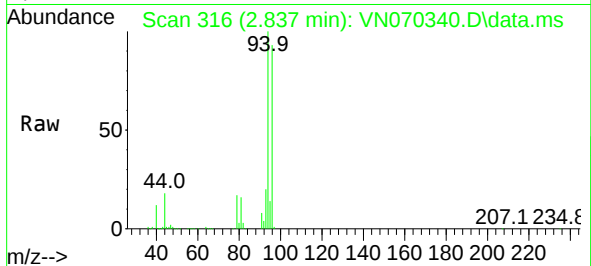




#5  
Bromomethane  
Concen: 50.958 ug/l  
RT: 2.837 min Scan# 31  
Delta R.T. -0.016 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

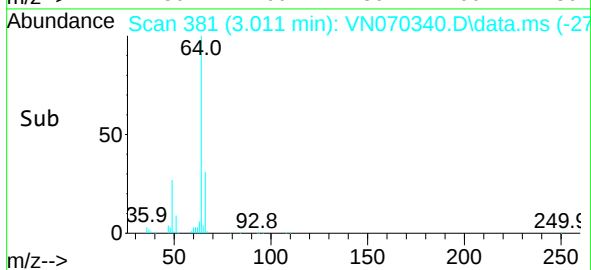
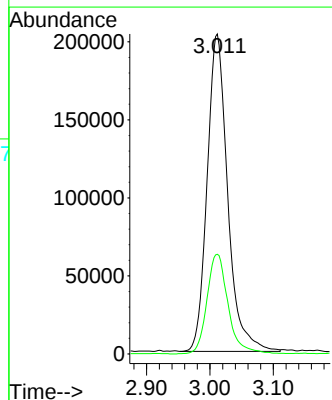
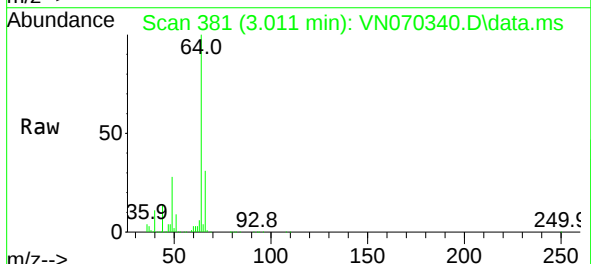
Instrument :  
MSVOA\_N  
ClientSampleId :

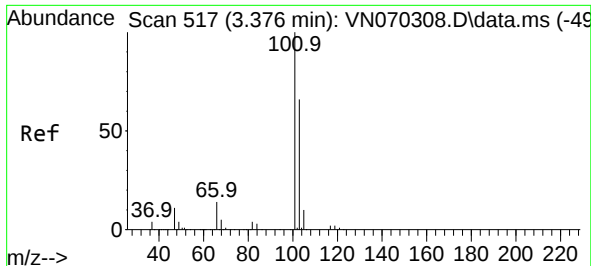
Tgt Ion: 94 Resp: 406827  
Ion Ratio Lower Upper  
94 100  
96 92.7 73.8 110.8



#6  
Chloroethane  
Concen: 49.261 ug/l  
RT: 3.011 min Scan# 381  
Delta R.T. -0.008 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

Tgt Ion: 64 Resp: 458868  
Ion Ratio Lower Upper  
64 100  
66 31.3 26.3 39.5

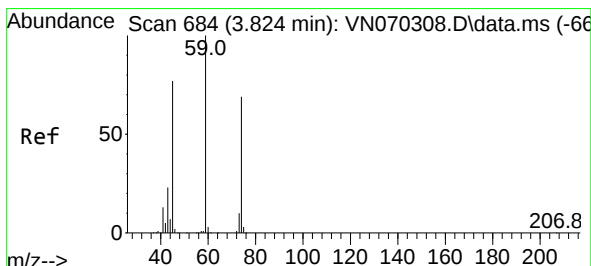
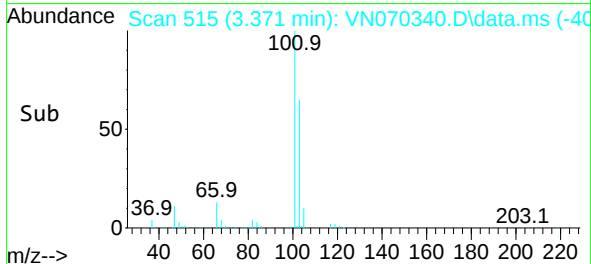
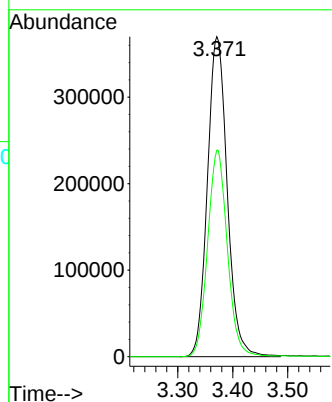
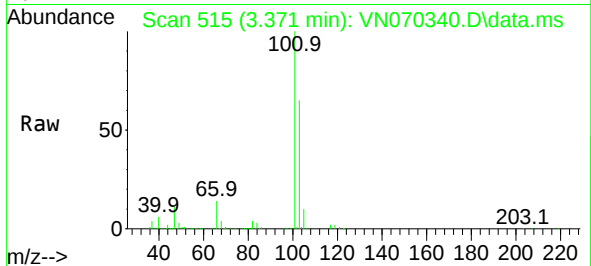




#7  
 Trichlorofluoromethane  
 Concen: 49.801 ug/l  
 RT: 3.371 min Scan# 517  
 Delta R.T. -0.005 min  
 Lab File: VN070340.D  
 Acq: 29 Dec 2021 10:36

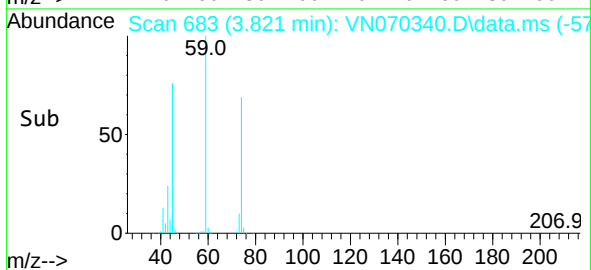
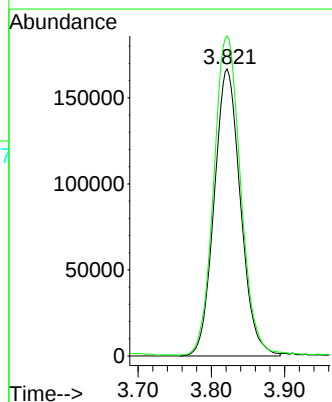
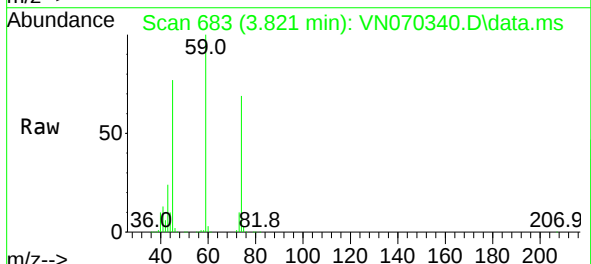
Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tgt Ion:101 Resp: 927161  
 Ion Ratio Lower Upper  
 101 100  
 103 64.6 50.1 75.1



#8  
 Diethyl Ether  
 Concen: 50.734 ug/l  
 RT: 3.821 min Scan# 683  
 Delta R.T. -0.003 min  
 Lab File: VN070340.D  
 Acq: 29 Dec 2021 10:36

Tgt Ion: 74 Resp: 416379  
 Ion Ratio Lower Upper  
 74 100  
 45 113.6 47.0 141.2

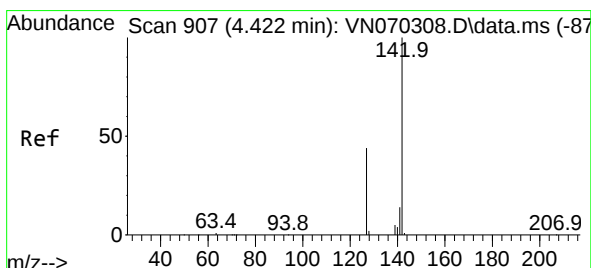
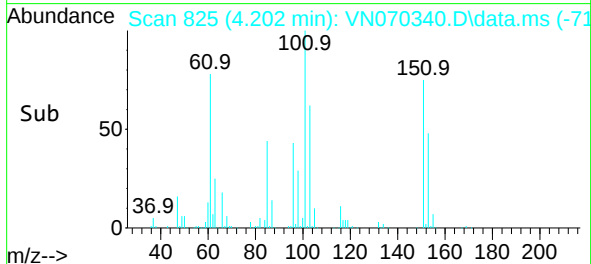
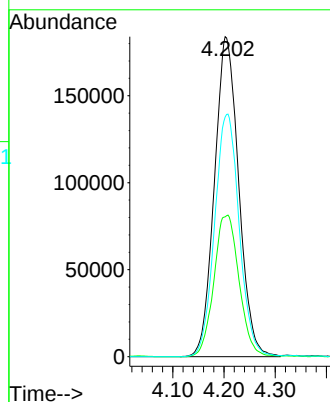
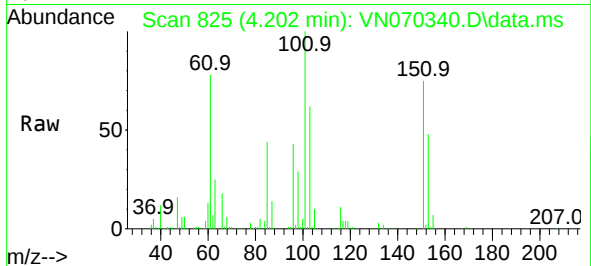




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 53.206 ug/l  
RT: 4.202 min Scan# 81  
Delta R.T. -0.008 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

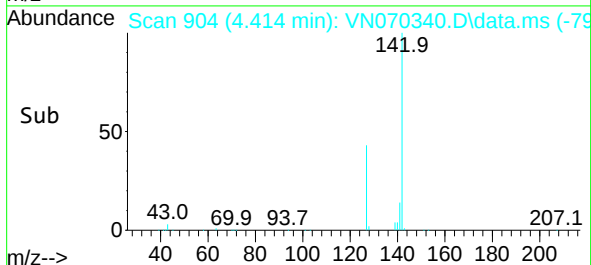
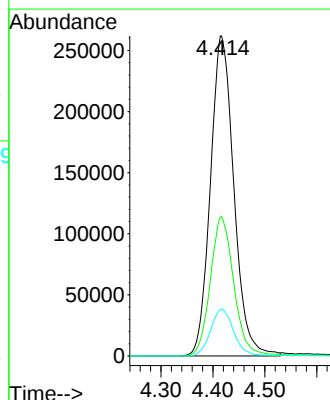
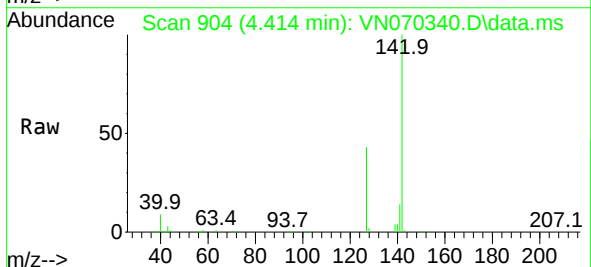
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:101 Resp: 605863  
Ion Ratio Lower Upper  
101 100  
85 45.9 37.2 55.8  
151 77.0 65.9 98.9



#10  
Methyl Iodide  
Concen: 53.397 ug/l  
RT: 4.414 min Scan# 904  
Delta R.T. -0.008 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

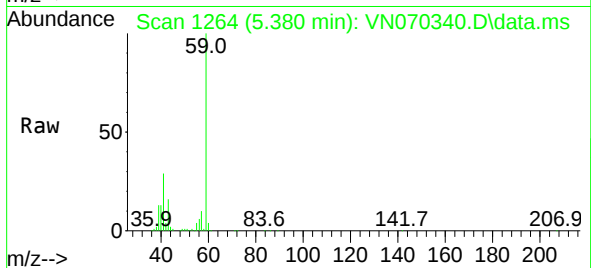
Tgt Ion:142 Resp: 822866  
Ion Ratio Lower Upper  
142 100  
127 43.6 35.4 53.0  
141 14.5 11.6 17.4



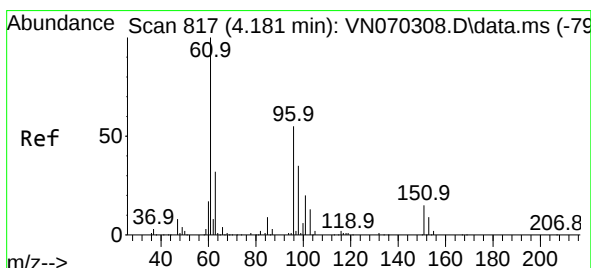
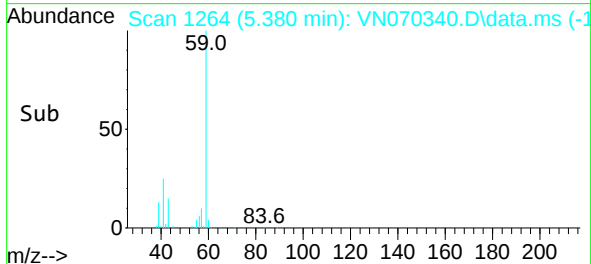
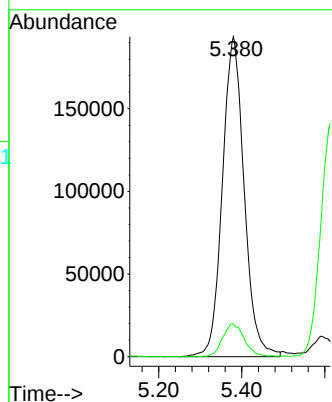


#11  
Tert butyl alcohol  
Concen: 267.073 ug/l  
RT: 5.380 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

Instrument :  
MSVOA\_N  
ClientSampleId :

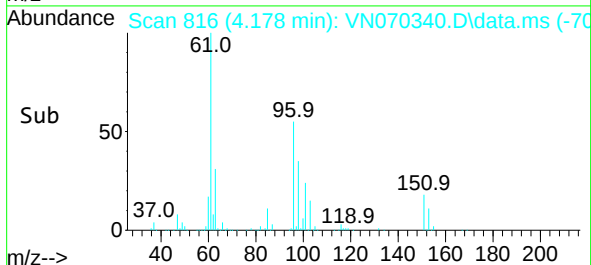
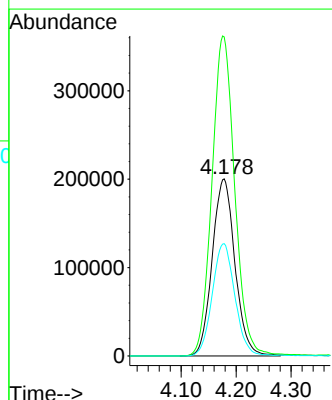
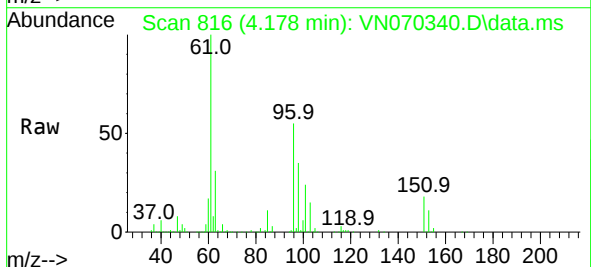


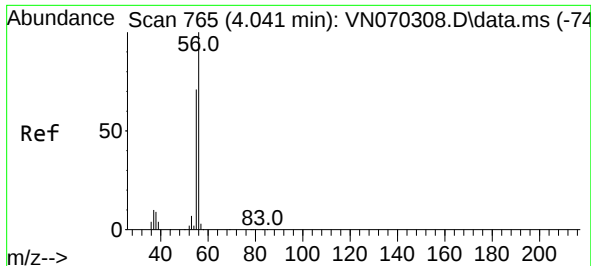
Tgt Ion: 59 Resp: 704136  
Ion Ratio Lower Upper  
59 100  
57 10.3 8.7 13.1



#12  
1,1-Dichloroethene  
Concen: 51.473 ug/l  
RT: 4.178 min Scan# 816  
Delta R.T. -0.003 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

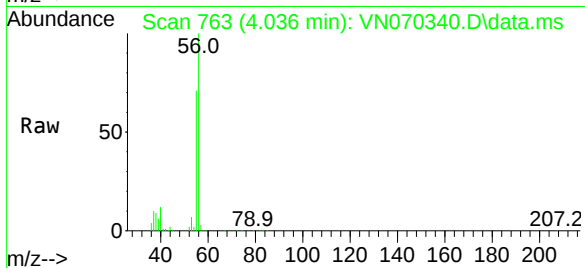
Tgt Ion: 96 Resp: 577322  
Ion Ratio Lower Upper  
96 100  
61 180.2 131.0 196.6  
98 63.5 52.4 78.6



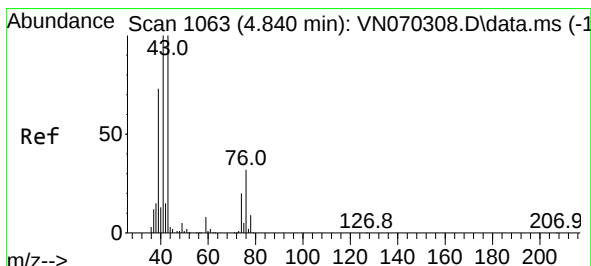
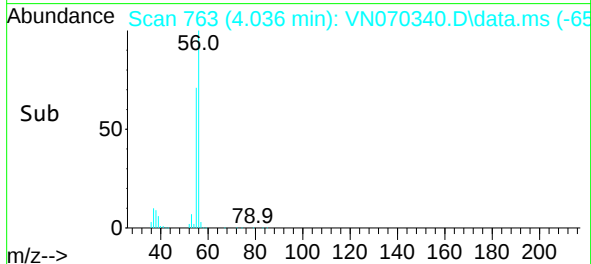
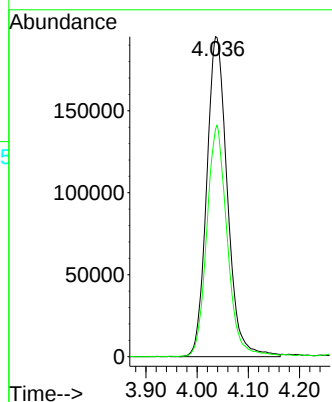


#13  
Acrolein  
Concen: 255.880 ug/l  
RT: 4.036 min Scan# 763  
Delta R.T. -0.005 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

Instrument :  
MSVOA\_N  
ClientSampleId :

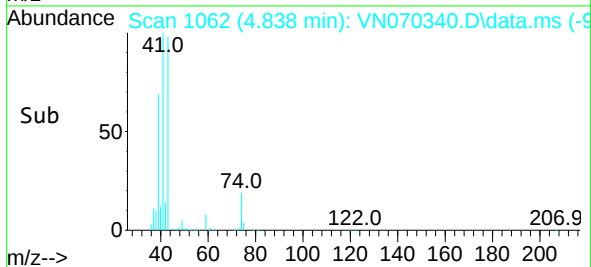
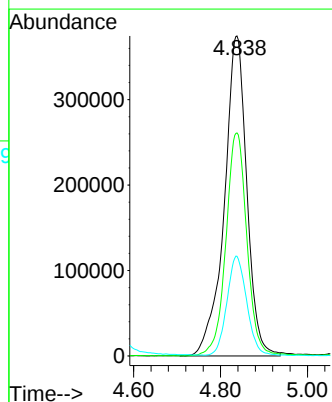
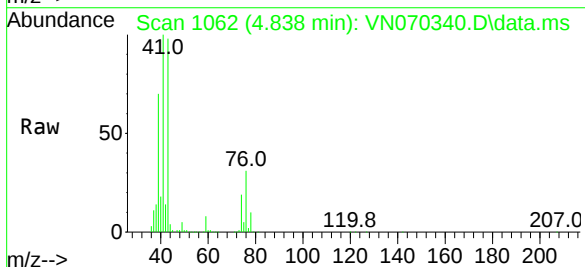


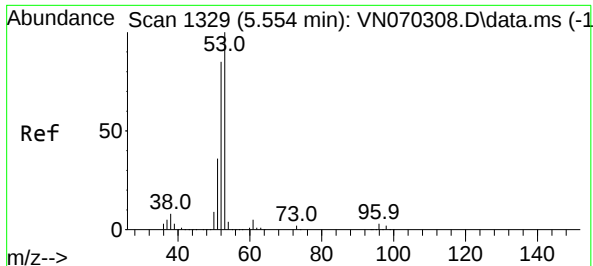
Tgt Ion: 56 Resp: 547381  
Ion Ratio Lower Upper  
56 100  
55 70.9 56.6 85.0



#14  
Allyl chloride  
Concen: 53.068 ug/l  
RT: 4.838 min Scan# 1062  
Delta R.T. -0.002 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

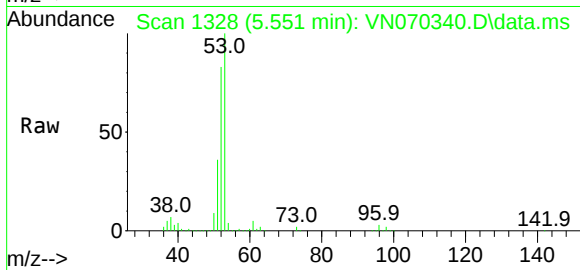
Tgt Ion: 41 Resp: 1349497  
Ion Ratio Lower Upper  
41 100  
39 64.8 61.2 91.8  
76 27.0 26.0 39.0





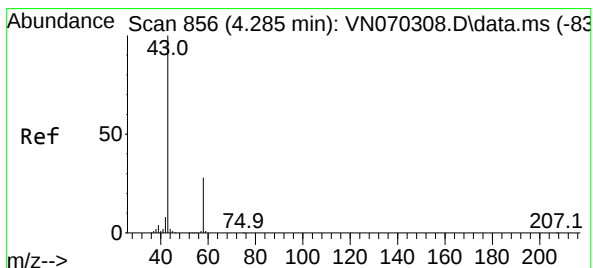
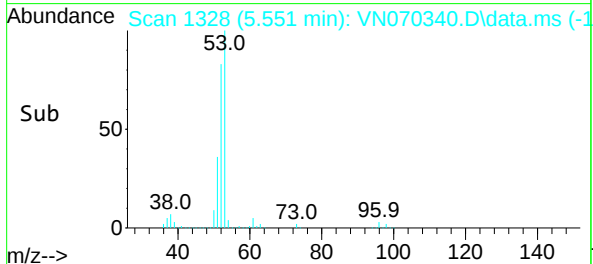
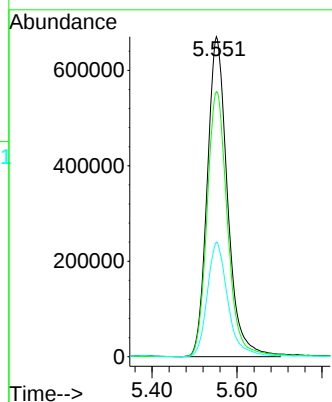
#15  
Acrylonitrile  
Concen: 270.036 ug/l  
RT: 5.551 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion: 53 Resp: 2221660

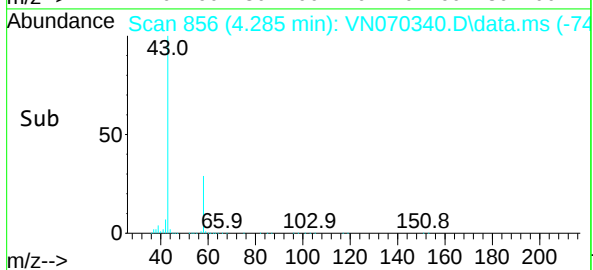
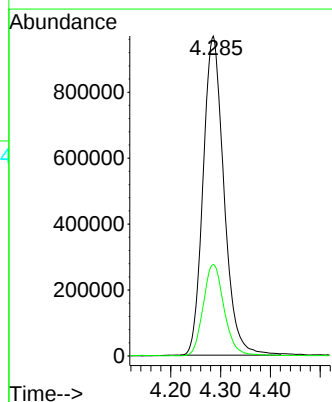
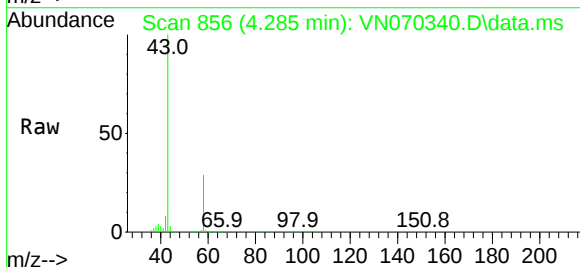
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 83.4  | 66.2  | 99.2  |
| 51  | 36.5  | 29.6  | 44.4  |

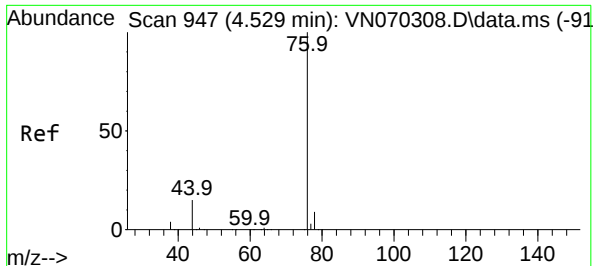


#16  
Acetone  
Concen: 273.936 ug/l  
RT: 4.285 min Scan# 856  
Delta R.T. 0.000 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

Tgt Ion: 43 Resp: 2815767

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 28.6  | 23.1  | 34.7  |

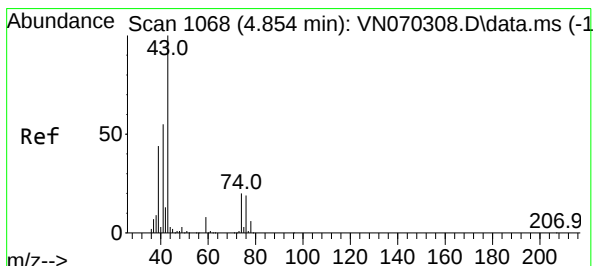
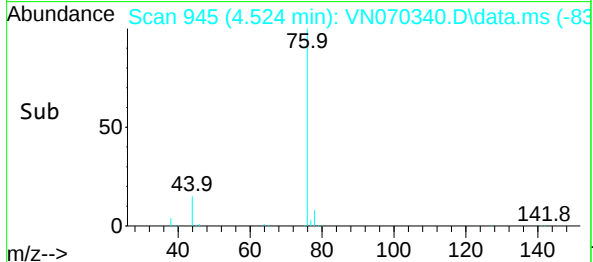
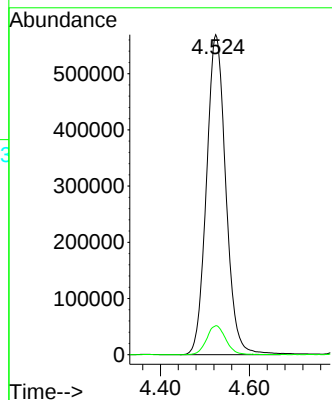
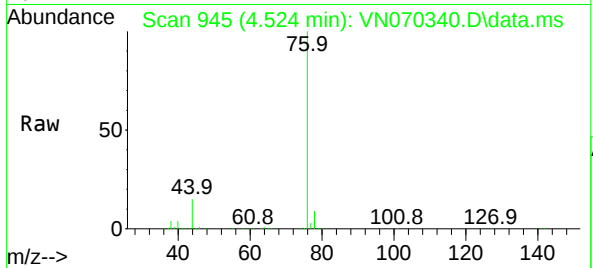




#17  
Carbon Disulfide  
Concen: 56.151 ug/l  
RT: 4.524 min Scan# 947  
Delta R.T. -0.005 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

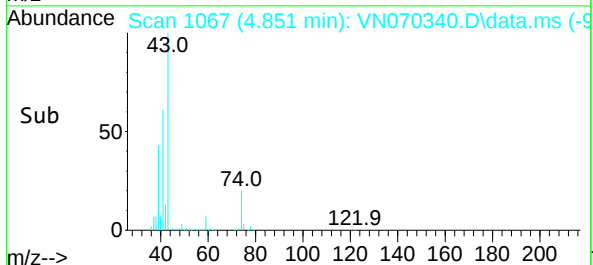
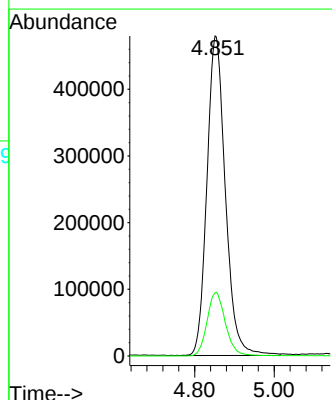
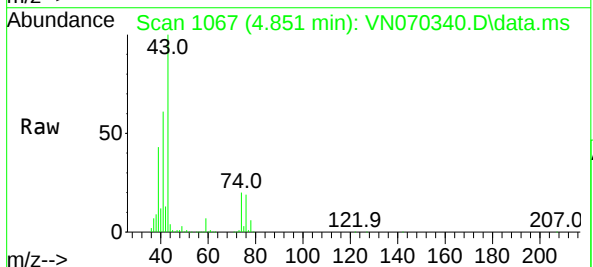
Instrument :  
MSVOA\_N  
ClientSampleId :

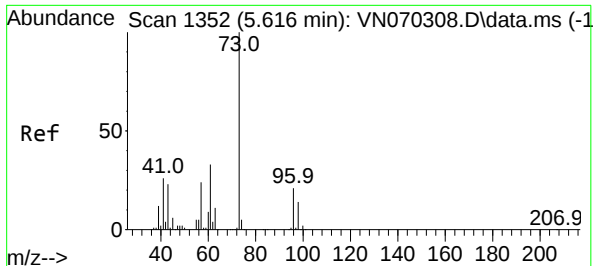
Tgt Ion: 76 Resp: 1719098  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.5 11.3



#18  
Methyl Acetate  
Concen: 51.823 ug/l  
RT: 4.851 min Scan# 1067  
Delta R.T. -0.003 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

Tgt Ion: 43 Resp: 1540870  
Ion Ratio Lower Upper  
43 100  
74 19.9 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 51.979 ug/l

RT: 5.616 min Scan# 1156

Delta R.T. -0.000 min

Lab File: VN070340.D

Acq: 29 Dec 2021 10:36

Instrument :

MSVOA\_N

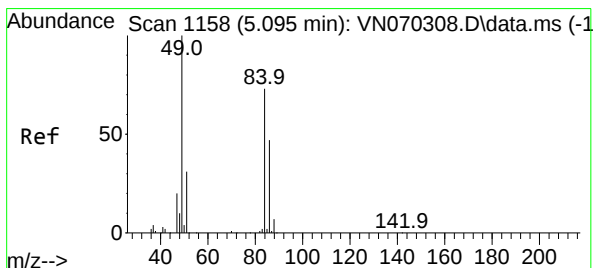
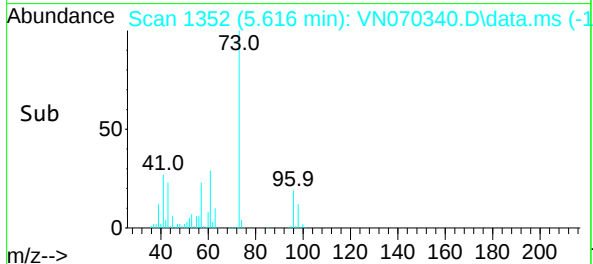
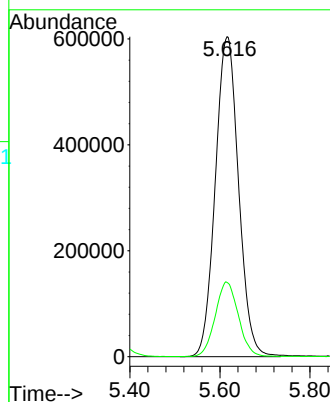
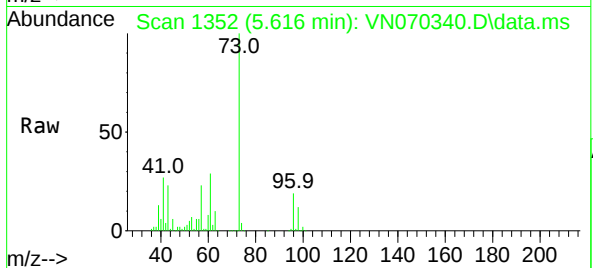
ClientSampleId :

Tgt Ion: 73 Resp: 2165080

Ion Ratio Lower Upper

73 100

57 23.1 16.8 25.2



#20

Methylene Chloride

Concen: 49.641 ug/l

RT: 5.090 min Scan# 1156

Delta R.T. -0.005 min

Lab File: VN070340.D

Acq: 29 Dec 2021 10:36

Tgt Ion: 84 Resp: 705976

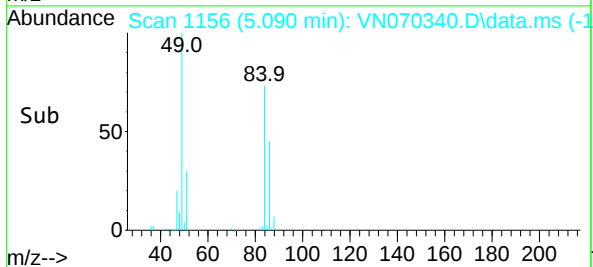
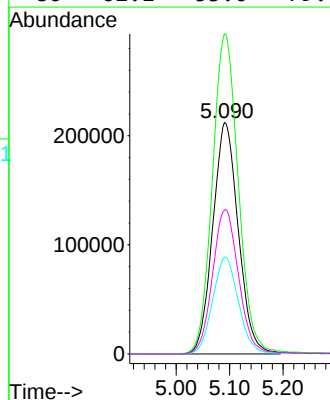
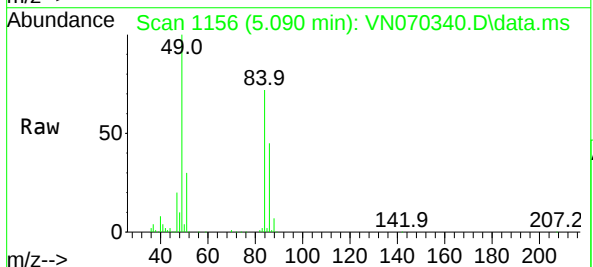
Ion Ratio Lower Upper

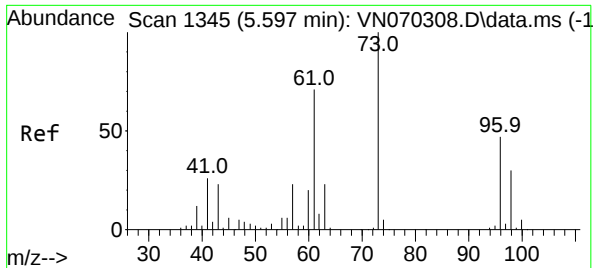
84 100

49 138.2 93.5 140.3

51 41.8 29.4 44.2

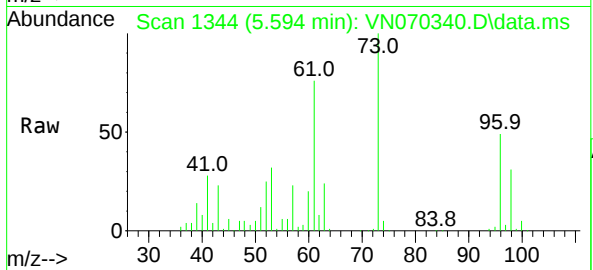
86 62.1 53.0 79.4



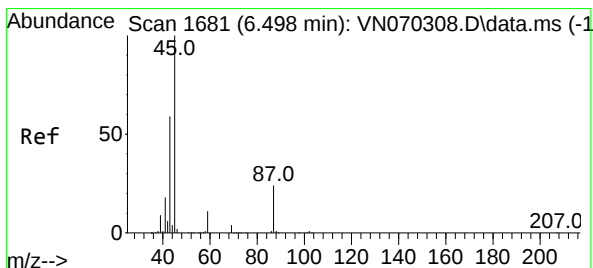
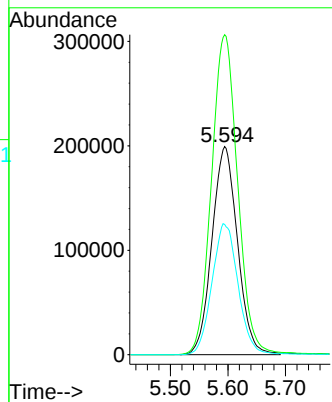
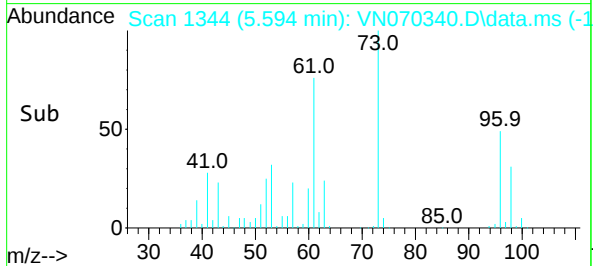


#21  
trans-1,2-Dichloroethene  
Concen: 51.866 ug/l  
RT: 5.594 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

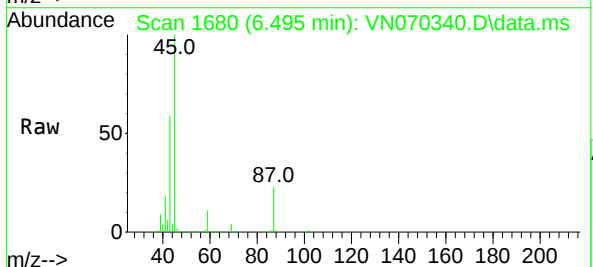
Instrument :  
MSVOA\_N  
ClientSampleId :



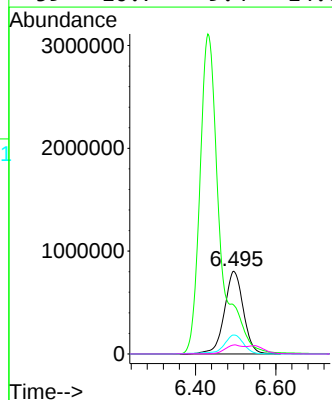
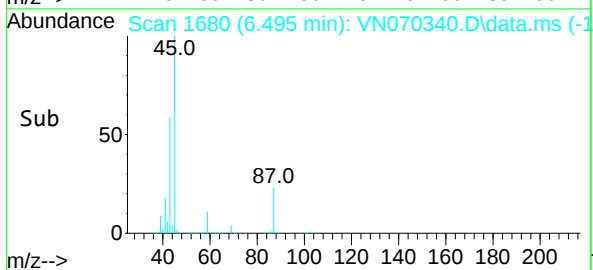
Tgt Ion: 96 Resp: 615931  
Ion Ratio Lower Upper  
96 100  
61 153.6 105.8 158.6  
98 62.6 52.0 78.0

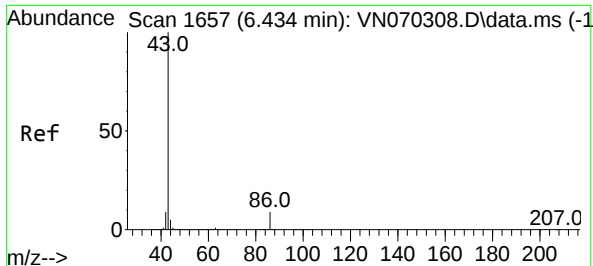


#22  
Diisopropyl ether  
Concen: 53.129 ug/l  
RT: 6.495 min Scan# 1680  
Delta R.T. -0.003 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36



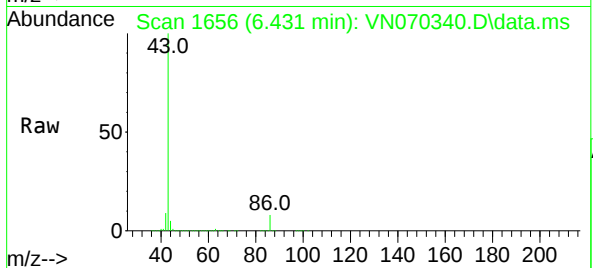
Tgt Ion: 45 Resp: 2631469  
Ion Ratio Lower Upper  
45 100  
43 58.8 51.7 77.5  
87 22.8 23.2 34.8#  
59 10.7 9.4 14.0



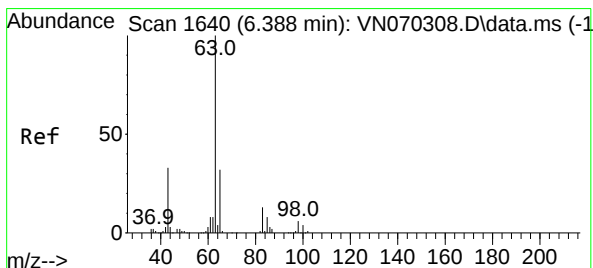
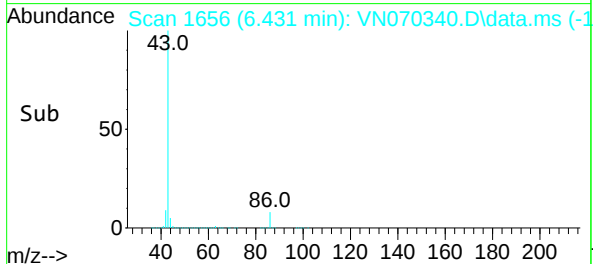
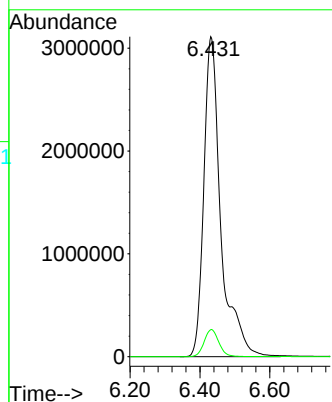


#23  
 Vinyl Acetate  
 Concen: 274.066 ug/l  
 RT: 6.431 min Scan# 1656  
 Delta R.T. -0.003 min  
 Lab File: VN070340.D  
 Acq: 29 Dec 2021 10:36

Instrument :  
 MSVOA\_N  
 ClientSampleId :

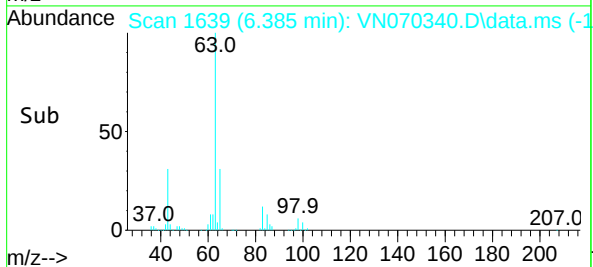
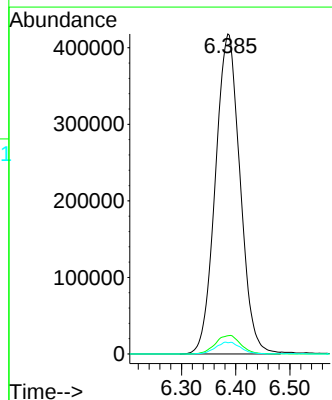
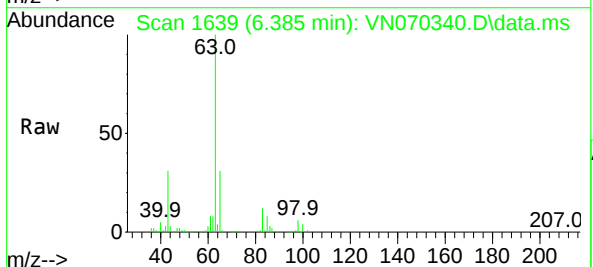


Tgt Ion: 43 Resp:10532069  
 Ion Ratio Lower Upper  
 43 100  
 86 8.4 8.5 12.7#



#24  
 1,1-Dichloroethane  
 Concen: 51.532 ug/l  
 RT: 6.385 min Scan# 1639  
 Delta R.T. -0.003 min  
 Lab File: VN070340.D  
 Acq: 29 Dec 2021 10:36

Tgt Ion: 63 Resp: 1323440  
 Ion Ratio Lower Upper  
 63 100  
 98 5.7 3.3 9.9  
 100 3.5 2.1 6.5





#25

2-Butanone

Concen: 274.801 ug/l

RT: 7.335 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VN070340.D

Acq: 29 Dec 2021 10:36

Instrument :

MSVOA\_N

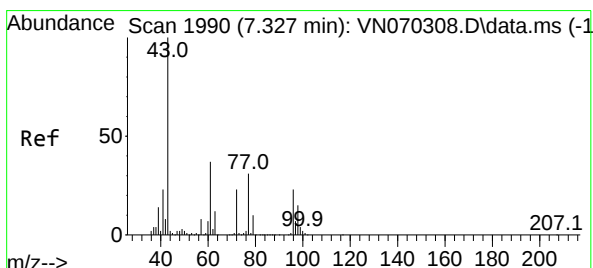
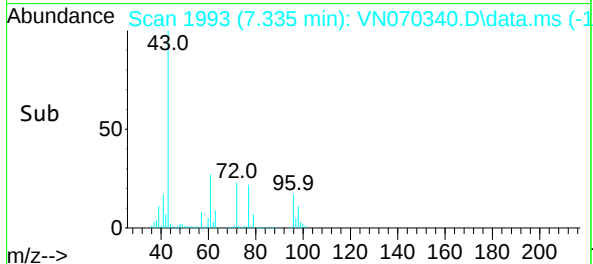
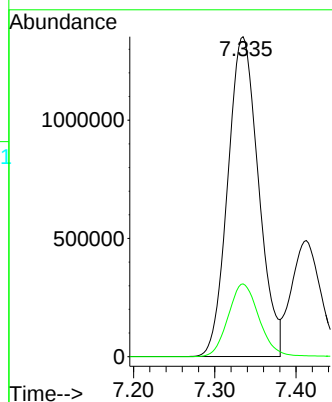
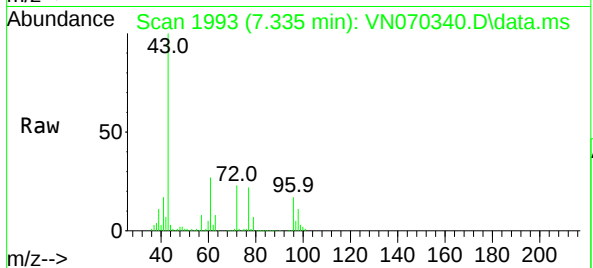
ClientSampleId :

Tgt Ion: 43 Resp: 3556592

Ion Ratio Lower Upper

43 100

72 22.7 21.7 32.5



#26

2,2-Dichloropropane

Concen: 52.027 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.003 min

Lab File: VN070340.D

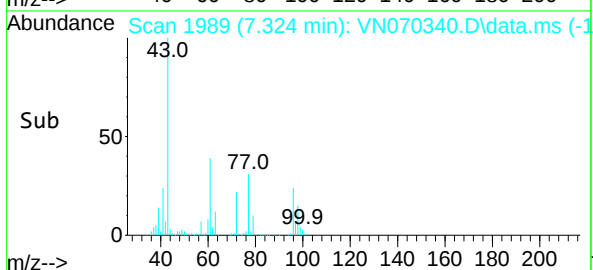
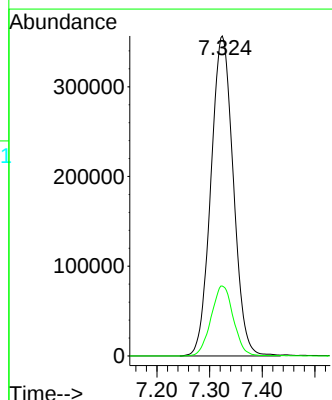
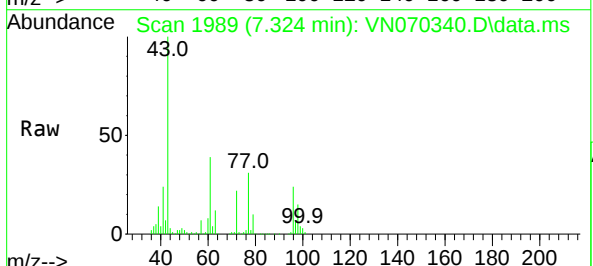
Acq: 29 Dec 2021 10:36

Tgt Ion: 77 Resp: 1054076

Ion Ratio Lower Upper

77 100

97 21.8 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 52.462 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. 0.000 min

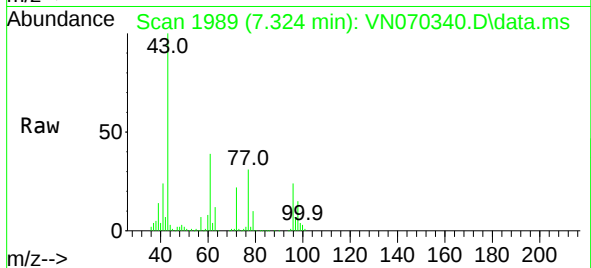
Lab File: VN070340.D

Acq: 29 Dec 2021 10:36

Instrument :

MSVOA\_N

ClientSampleId :



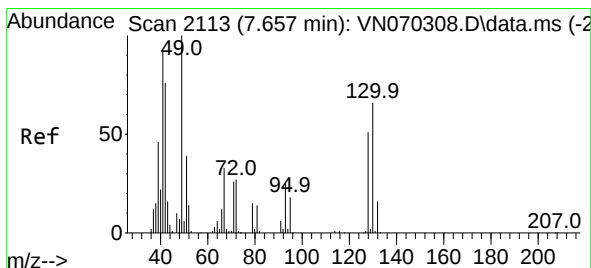
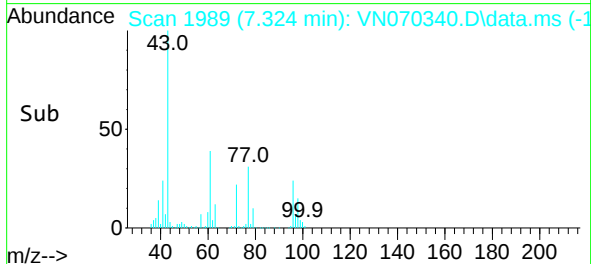
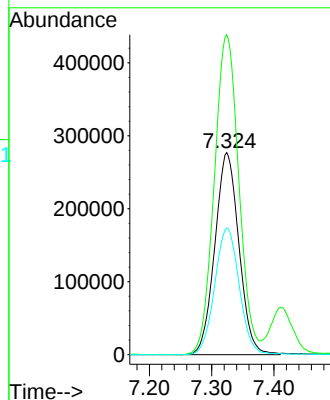
Tgt Ion: 96 Resp: 743391

Ion Ratio Lower Upper

96 100

61 161.3 0.0 275.0

98 63.9 0.0 129.6



#28

Bromochloromethane

Concen: 43.186 ug/l

RT: 7.657 min Scan# 2113

Delta R.T. -0.000 min

Lab File: VN070340.D

Acq: 29 Dec 2021 10:36

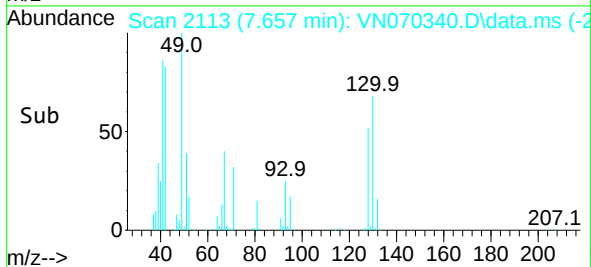
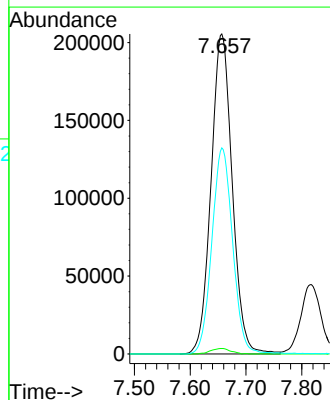
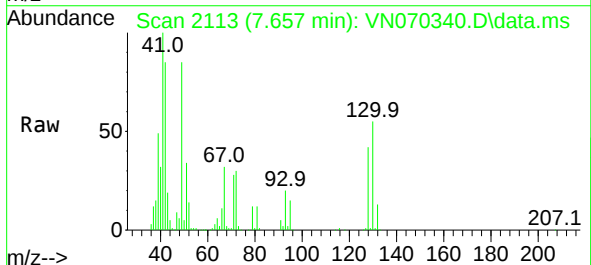
Tgt Ion: 49 Resp: 542413

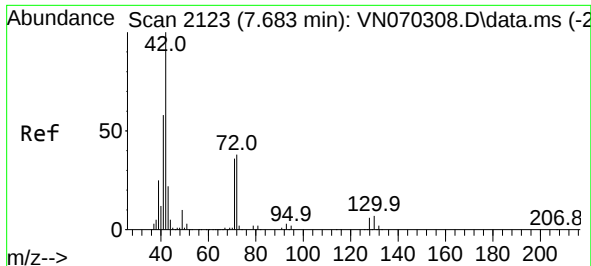
Ion Ratio Lower Upper

49 100

129 1.6 0.0 4.0

130 62.9 67.8 101.8#





#29

Tetrahydrofuran

Concen: 274.026 ug/l

RT: 7.683 min Scan# 2116001

Delta R.T. 0.000 min

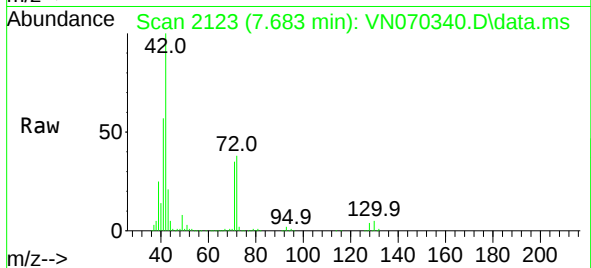
Lab File: VN070340.D

Acq: 29 Dec 2021 10:36

Instrument :

MSVOA\_N

ClientSampleId :



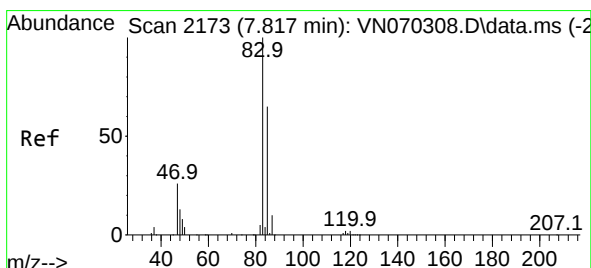
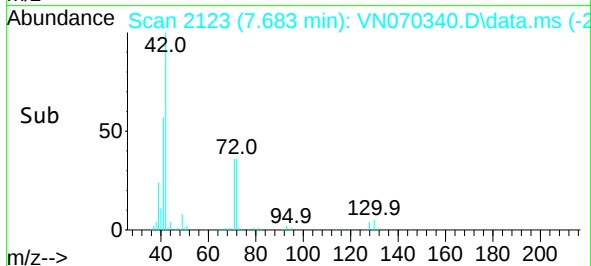
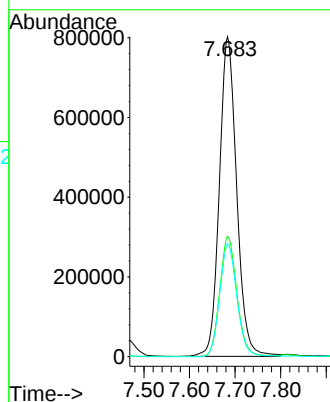
Tgt Ion: 42 Resp: 2116001

Ion Ratio Lower Upper

42 100

72 37.1 36.3 54.5

71 35.1 34.7 52.1



#30

Chloroform

Concen: 51.454 ug/l

RT: 7.818 min Scan# 2173

Delta R.T. 0.001 min

Lab File: VN070340.D

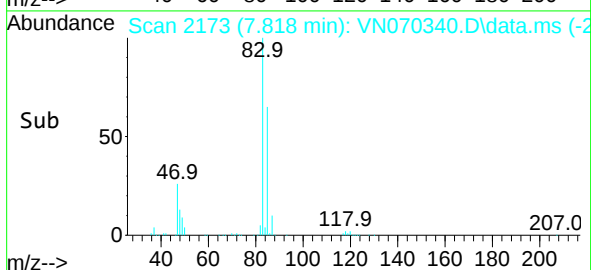
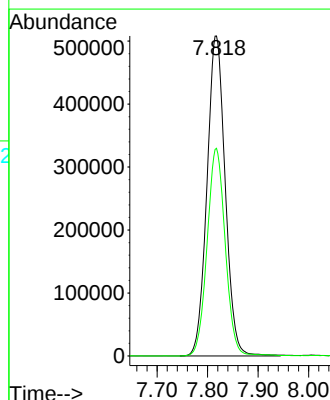
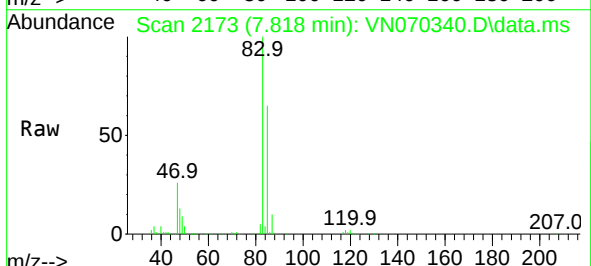
Acq: 29 Dec 2021 10:36

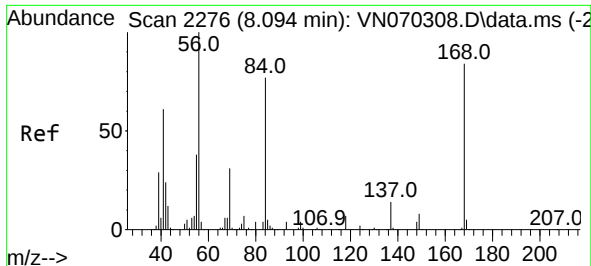
Tgt Ion: 83 Resp: 1274823

Ion Ratio Lower Upper

83 100

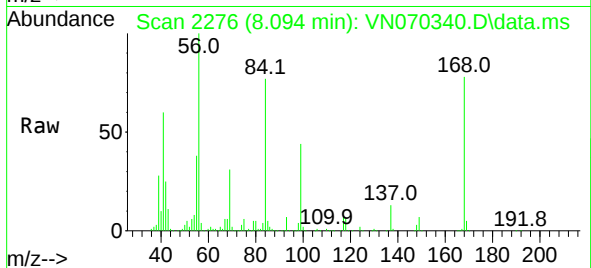
85 64.9 51.9 77.9





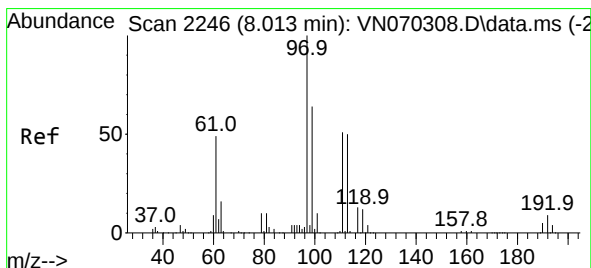
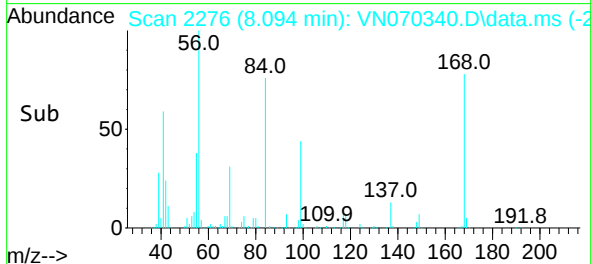
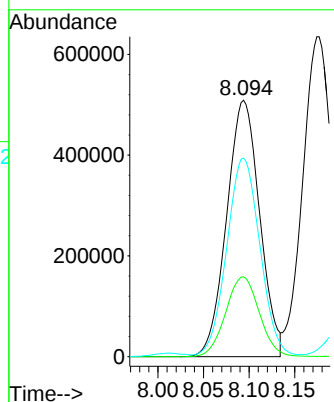
#31  
Cyclohexane  
Concen: 51.263 ug/l  
RT: 8.094 min Scan# 2276  
Delta R.T. -0.000 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion: 56 Resp: 1280897

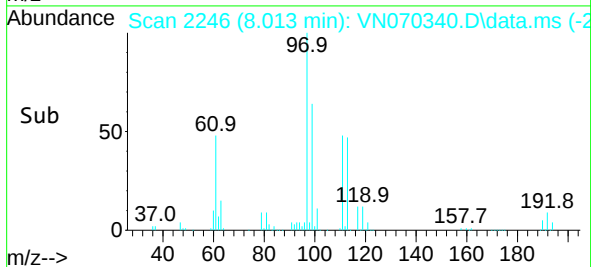
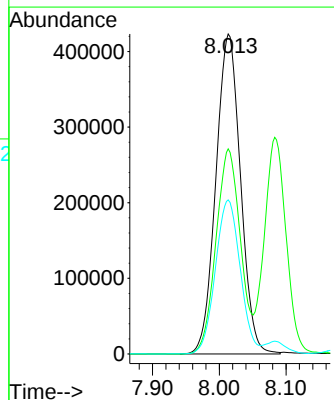
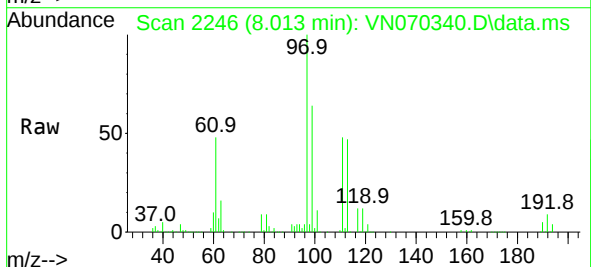
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 31.2  | 27.1  | 40.7  |
| 84  | 76.4  | 73.4  | 110.0 |

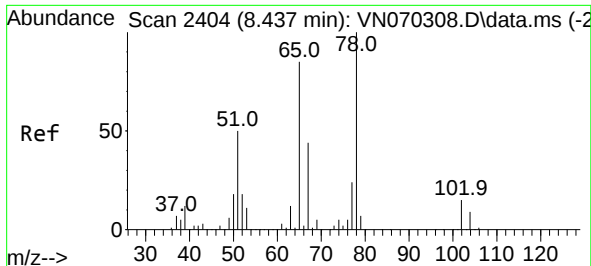


#32  
1,1,1-Trichloroethane  
Concen: 52.006 ug/l  
RT: 8.013 min Scan# 2246  
Delta R.T. 0.000 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

Tgt Ion: 97 Resp: 1086432

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 63.6  | 50.1  | 75.1  |
| 61  | 48.5  | 35.2  | 52.8  |





#33

1,2-Dichloroethane-d4

Concen: 45.665 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070340.D

Acq: 29 Dec 2021 10:36

Instrument :

MSVOA\_N

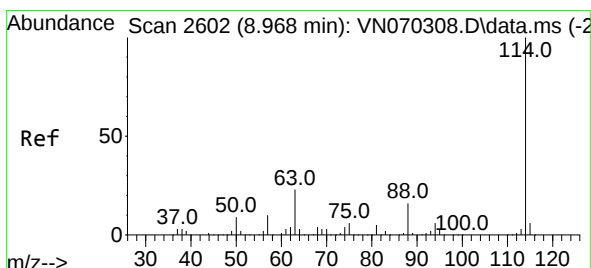
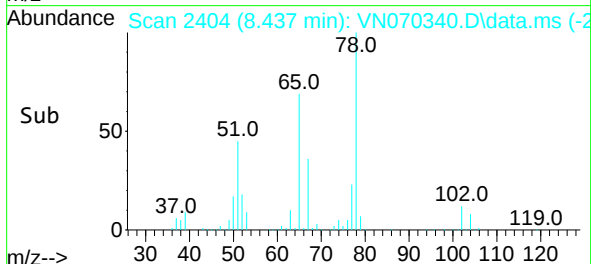
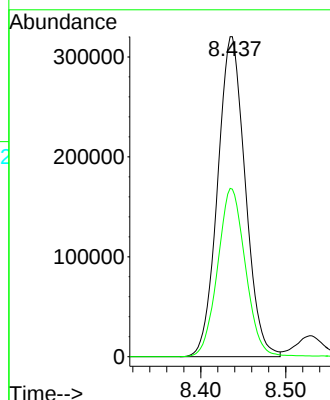
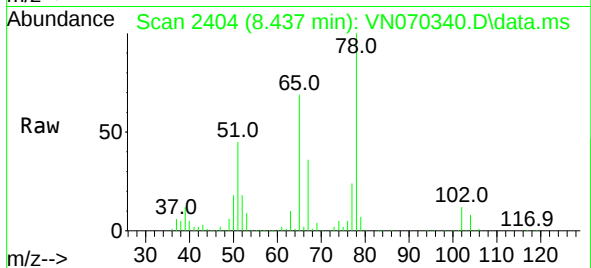
ClientSampleId :

Tgt Ion: 65 Resp: 723077

Ion Ratio Lower Upper

65 100

67 53.0 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN070340.D

Acq: 29 Dec 2021 10:36

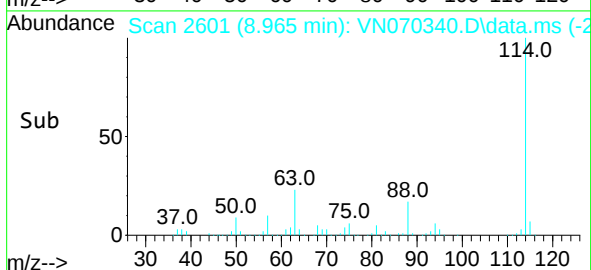
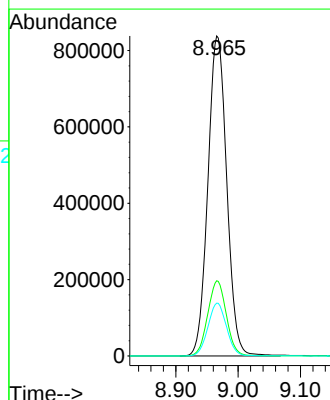
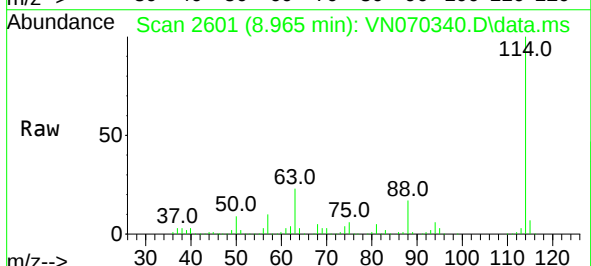
Tgt Ion: 114 Resp: 1763002

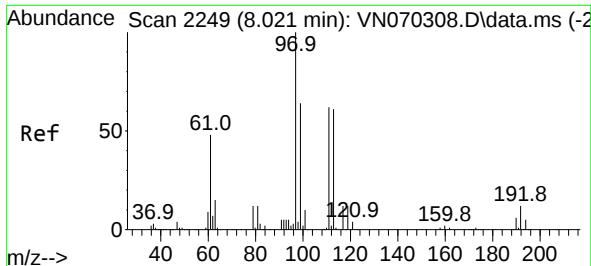
Ion Ratio Lower Upper

114 100

63 23.5 0.0 37.8

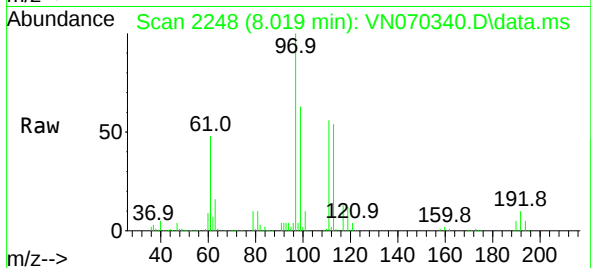
88 16.5 0.0 27.4



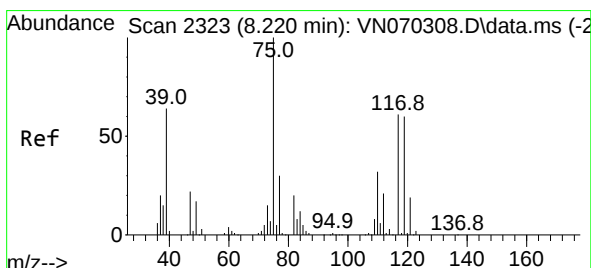
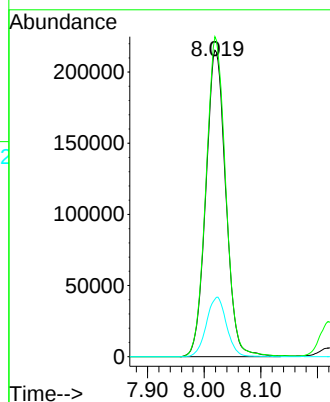
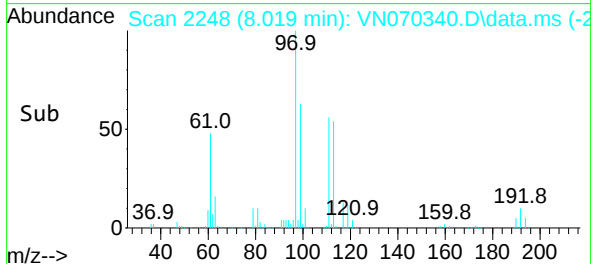


#35  
Dibromofluoromethane  
Concen: 49.417 ug/l  
RT: 8.019 min Scan# 21  
Delta R.T. -0.002 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

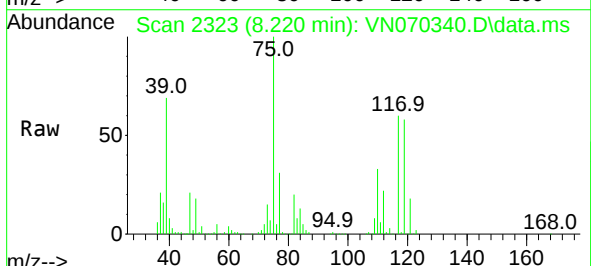
Instrument :  
MSVOA\_N  
ClientSampleId :



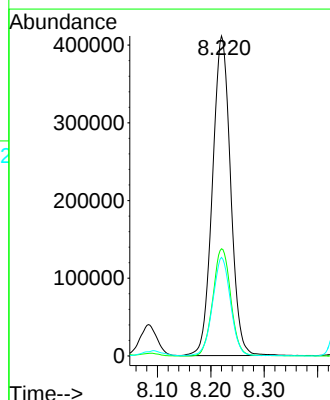
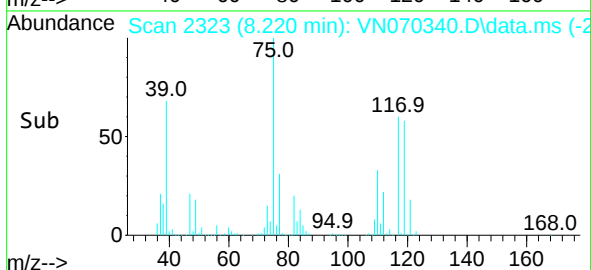
Tgt Ion:113 Resp: 527138  
Ion Ratio Lower Upper  
113 100  
111 103.3 82.2 123.2  
192 19.6 16.9 25.3

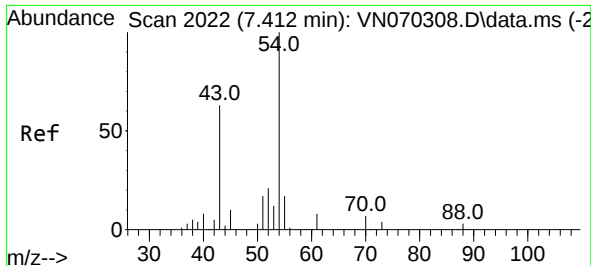


#36  
1,1-Dichloropropene  
Concen: 54.864 ug/l  
RT: 8.220 min Scan# 2323  
Delta R.T. -0.000 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36



Tgt Ion: 75 Resp: 968130  
Ion Ratio Lower Upper  
75 100  
110 33.2 18.4 55.2  
77 30.3 24.4 36.6





#37

Ethyl Acetate

Concen: 54.383 ug/l

RT: 7.413 min Scan# 20

Delta R.T. 0.001 min

Lab File: VN070340.D

Acq: 29 Dec 2021 10:36

Instrument :

MSVOA\_N

ClientSampleId :

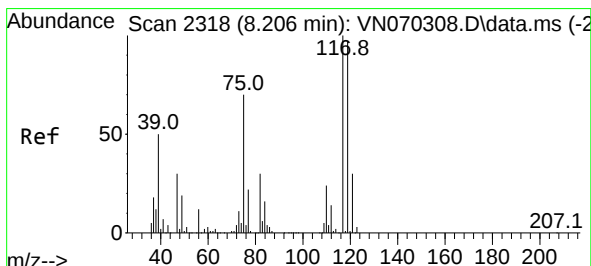
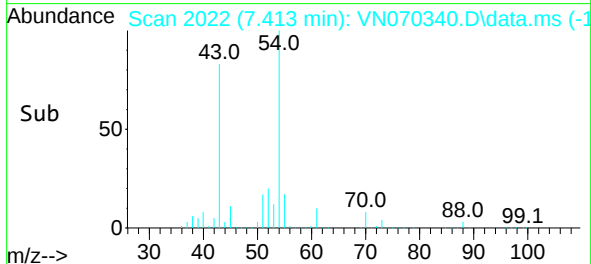
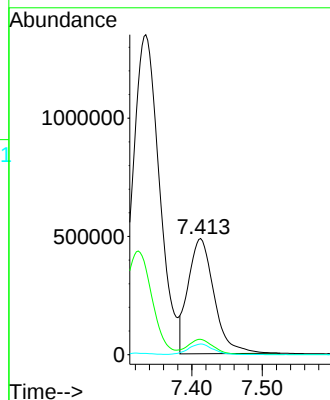
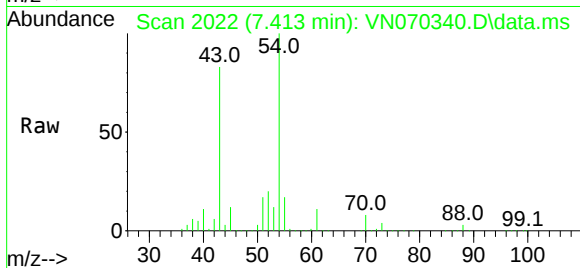
Tgt Ion: 43 Resp: 1243895

Ion Ratio Lower Upper

43 100

61 12.6 11.5 17.3

70 8.8 7.9 11.9



#38

Carbon Tetrachloride

Concen: 55.689 ug/l

RT: 8.204 min Scan# 2317

Delta R.T. -0.002 min

Lab File: VN070340.D

Acq: 29 Dec 2021 10:36

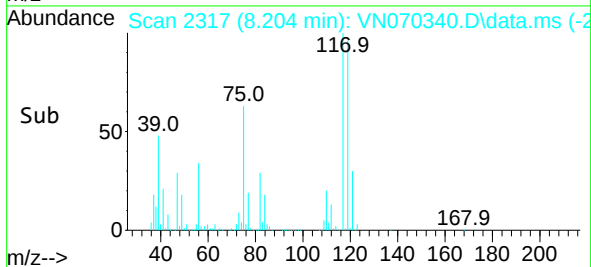
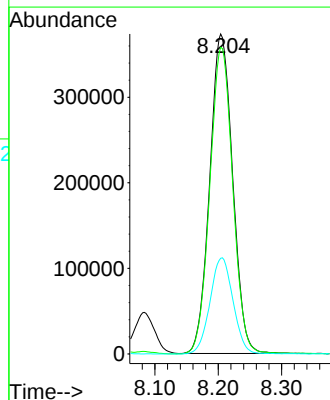
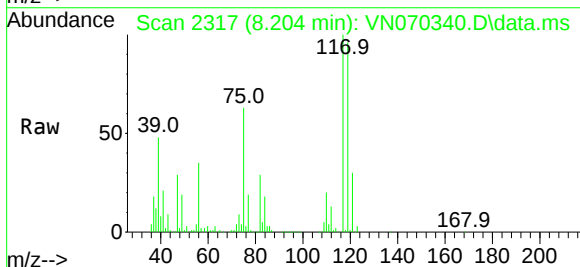
Tgt Ion: 117 Resp: 938356

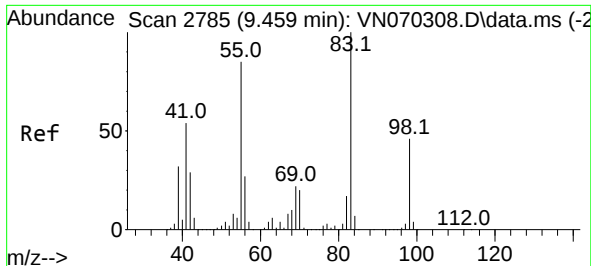
Ion Ratio Lower Upper

117 100

119 95.9 76.1 114.1

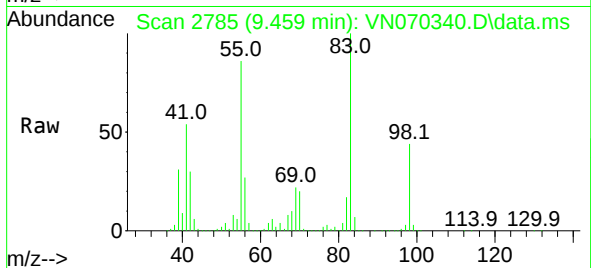
121 29.9 24.2 36.2





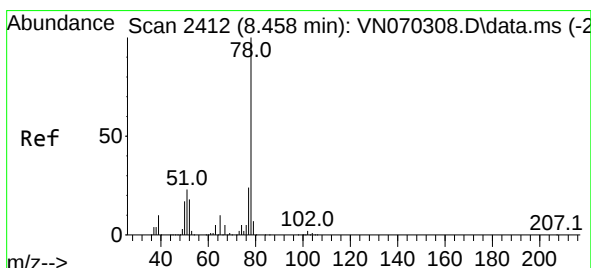
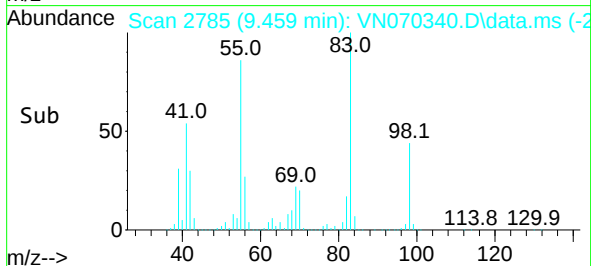
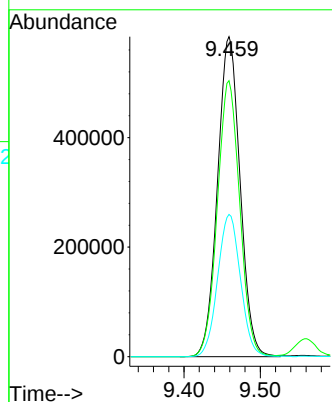
#39  
Methylcyclohexane  
Concen: 56.250 ug/l  
RT: 9.459 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion: 83 Resp: 1201694

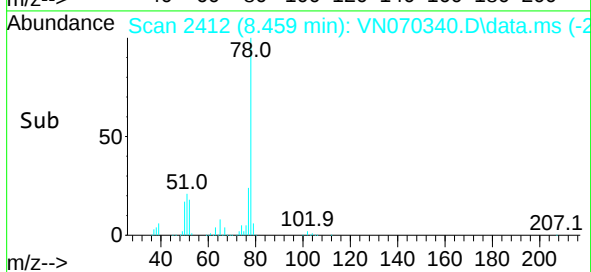
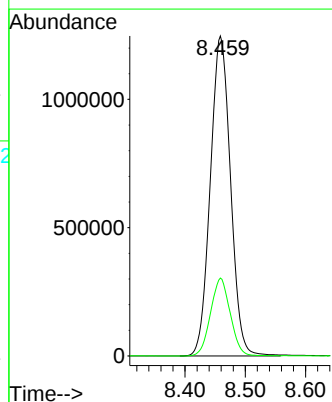
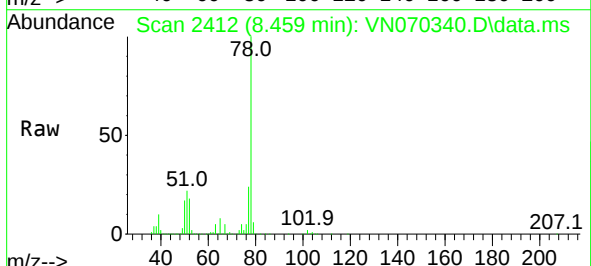
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 86.3  | 58.1  | 87.1  |
| 98  | 44.5  | 38.4  | 57.6  |

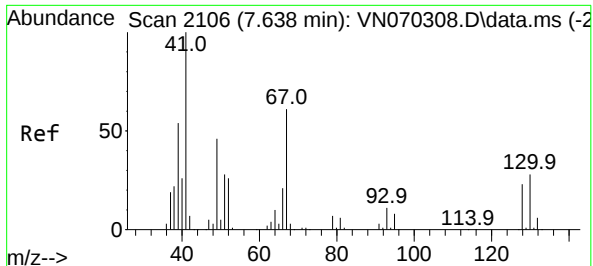


#40  
Benzene  
Concen: 53.658 ug/l  
RT: 8.459 min Scan# 2412  
Delta R.T. 0.001 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

Tgt Ion: 78 Resp: 2902842

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 24.3  | 18.6  | 27.8  |

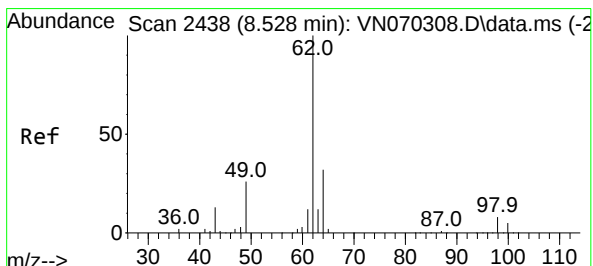
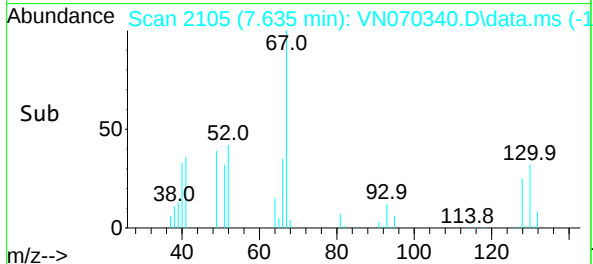
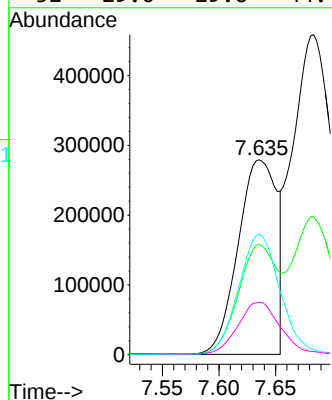
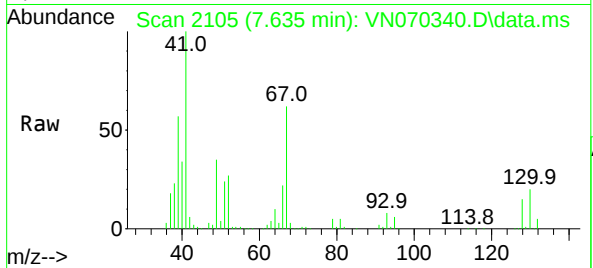




#41  
Methacrylonitrile  
Concen: 58.162 ug/l  
RT: 7.635 min Scan# 2105  
Delta R.T. -0.003 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

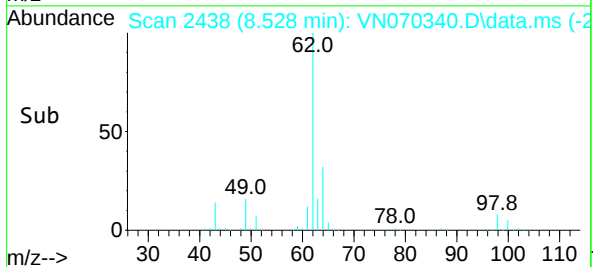
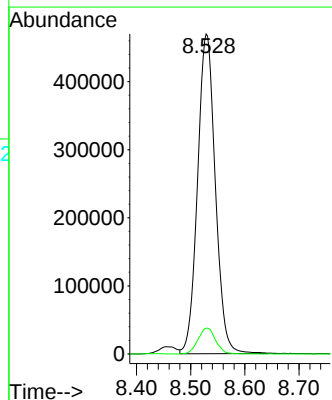
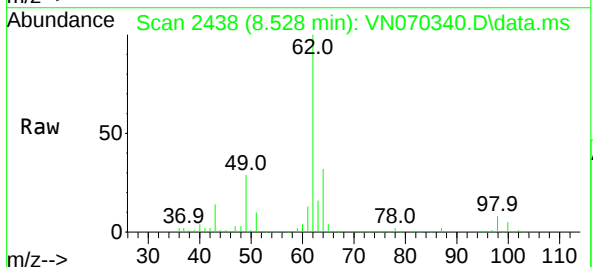
Instrument :  
MSVOA\_N  
ClientSampleId :

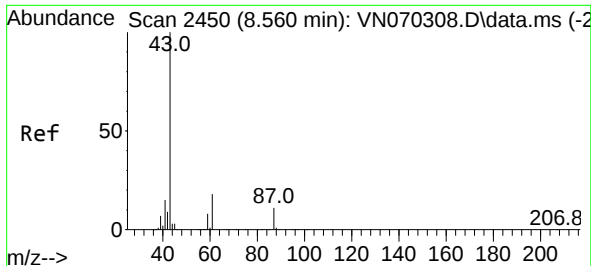
Tgt Ion: 41 Resp: 665405  
Ion Ratio Lower Upper  
41 100  
39 57.4 48.1 72.1  
67 66.7 68.3 102.5#  
52 29.0 29.6 44.4#



#42  
1,2-Dichloroethane  
Concen: 52.694 ug/l  
RT: 8.528 min Scan# 2438  
Delta R.T. 0.000 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

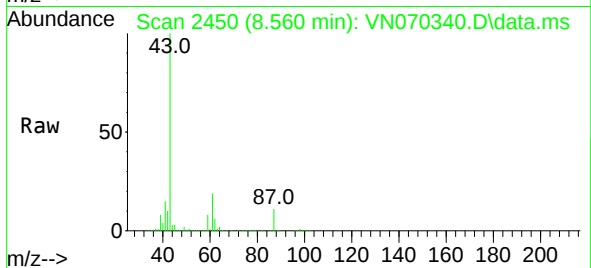
Tgt Ion: 62 Resp: 1071492  
Ion Ratio Lower Upper  
62 100  
98 8.0 0.0 17.6



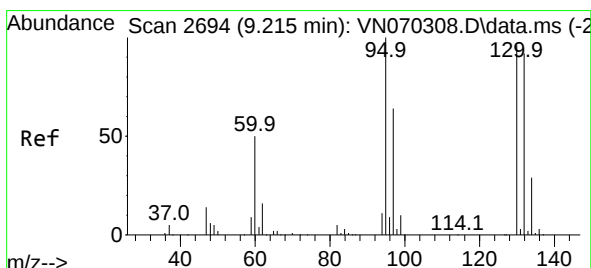
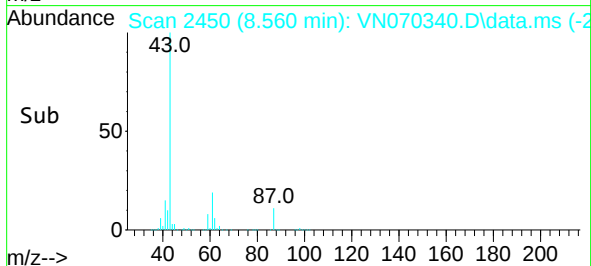
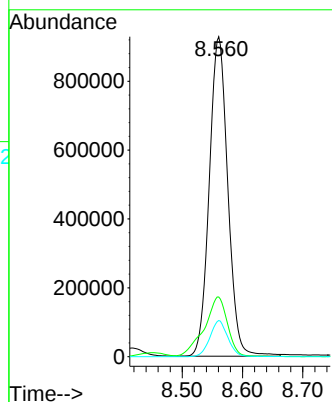


#43  
Isopropyl Acetate  
Concen: 55.043 ug/l  
RT: 8.560 min Scan# 2450  
Delta R.T. 0.000 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

Instrument :  
MSVOA\_N  
ClientSampleId :

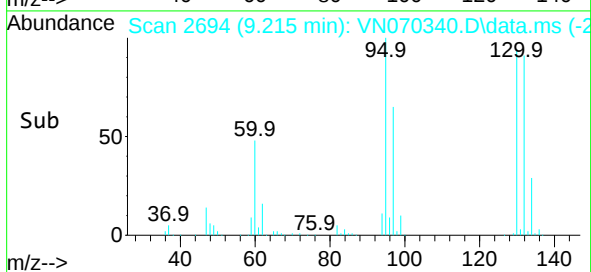
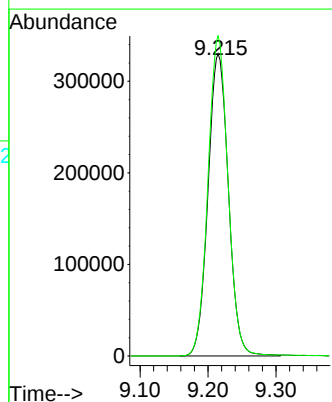
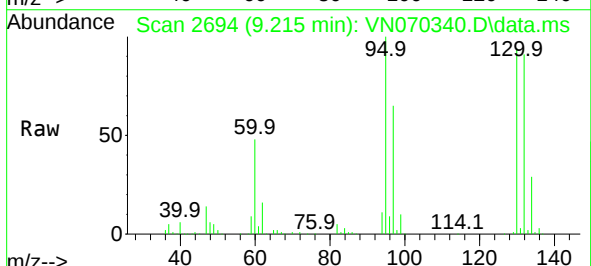


Tgt Ion: 43 Resp: 1984988  
Ion Ratio Lower Upper  
43 100  
61 23.2 20.4 30.6  
87 10.9 11.2 16.8#



#44  
Trichloroethene  
Concen: 53.489 ug/l  
RT: 9.215 min Scan# 2694  
Delta R.T. -0.000 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

Tgt Ion:130 Resp: 687566  
Ion Ratio Lower Upper  
130 100  
95 105.9 0.0 191.2





#45

1,2-Dichloropropane

Concen: 54.942 ug/l

RT: 9.491 min Scan# 21

Delta R.T. 0.003 min

Lab File: VN070340.D

Acq: 29 Dec 2021 10:36

Instrument :

MSVOA\_N

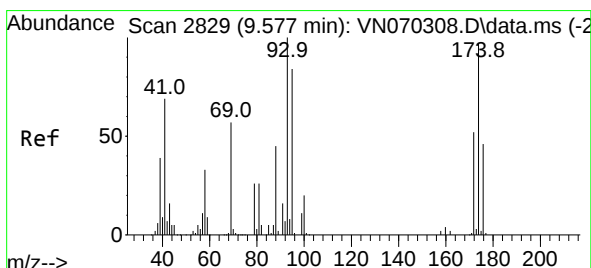
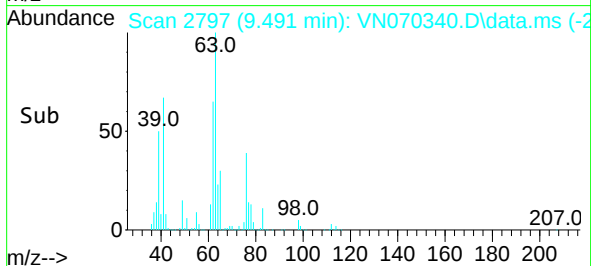
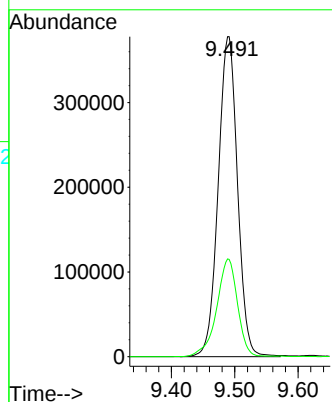
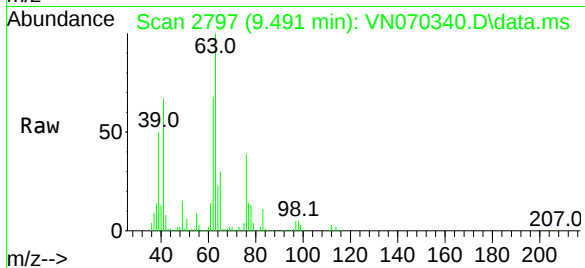
ClientSampleId :

Tgt Ion: 63 Resp: 800285

Ion Ratio Lower Upper

63 100

65 30.4 24.7 37.1



#46

Dibromomethane

Concen: 54.442 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. -0.000 min

Lab File: VN070340.D

Acq: 29 Dec 2021 10:36

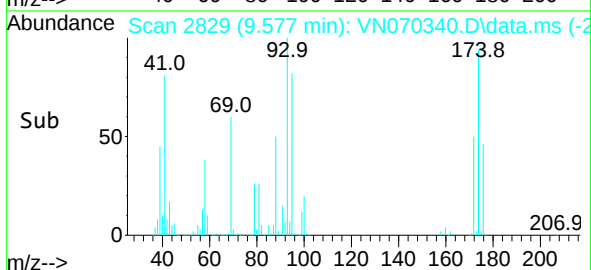
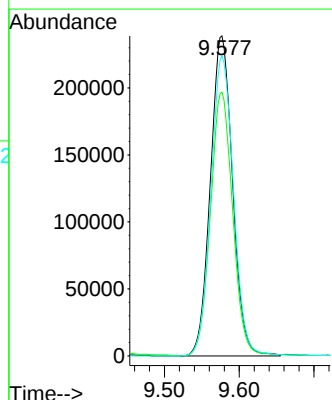
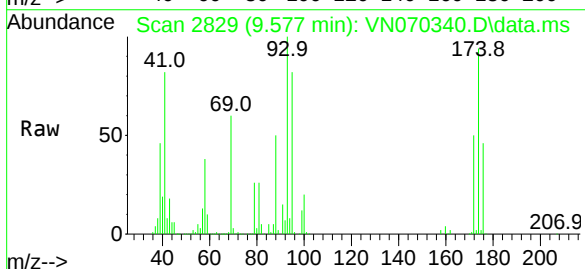
Tgt Ion: 93 Resp: 493102

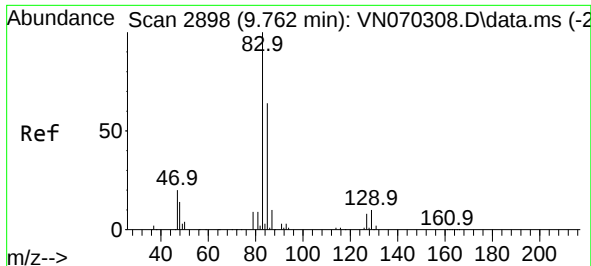
Ion Ratio Lower Upper

93 100

95 82.6 65.9 98.9

174 95.4 84.6 127.0

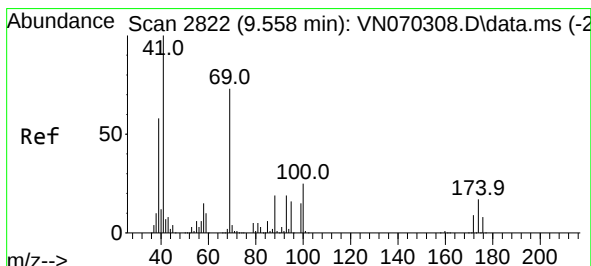
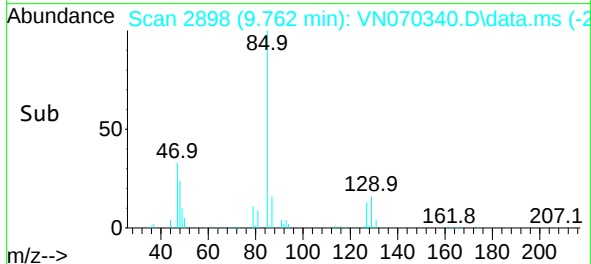
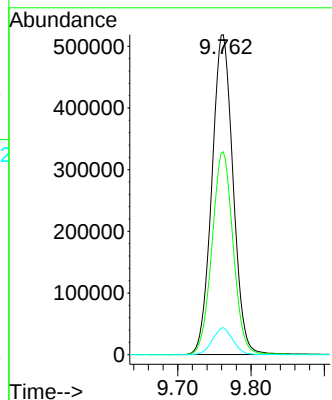
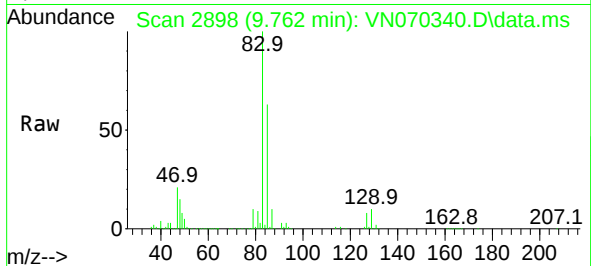




#47  
Bromodichloromethane  
Concen: 57.856 ug/l  
RT: 9.762 min Scan# 2898  
Delta R.T. 0.000 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

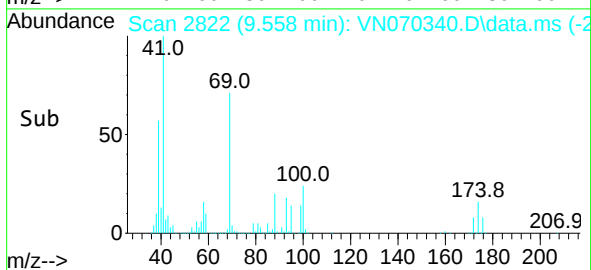
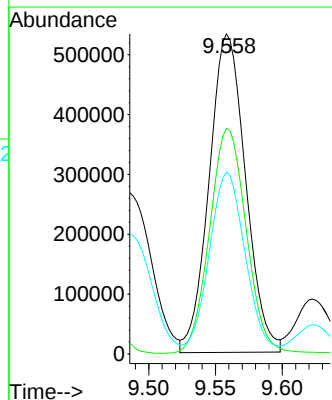
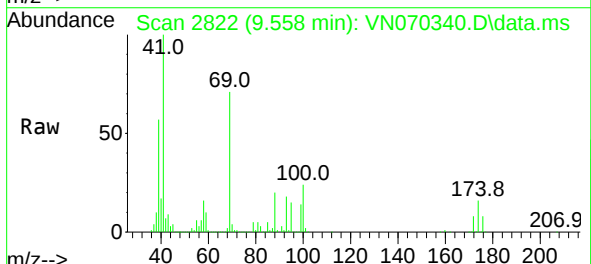
Instrument :  
MSVOA\_N  
ClientSampleId :

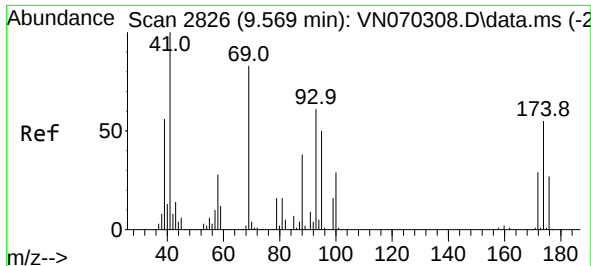
Tgt Ion: 83 Resp: 1040524  
Ion Ratio Lower Upper  
83 100  
85 63.4 50.9 76.3  
127 8.4 7.1 10.7



#48  
Methyl methacrylate  
Concen: 58.639 ug/l  
RT: 9.558 min Scan# 2822  
Delta R.T. 0.000 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

Tgt Ion: 41 Resp: 1008666  
Ion Ratio Lower Upper  
41 100  
69 71.6 72.4 108.6#  
39 52.2 58.4 87.6#





#49

1,4-Dioxane

Concen: 1195.883 ug/l

RT: 9.569 min Scan# 2826

Delta R.T. -0.000 min

Lab File: VN070340.D

Acq: 29 Dec 2021 10:36

Instrument :

MSVOA\_N

ClientSampleId :

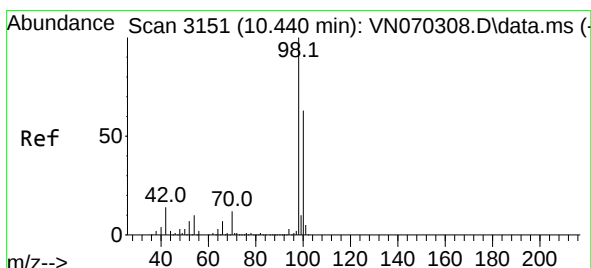
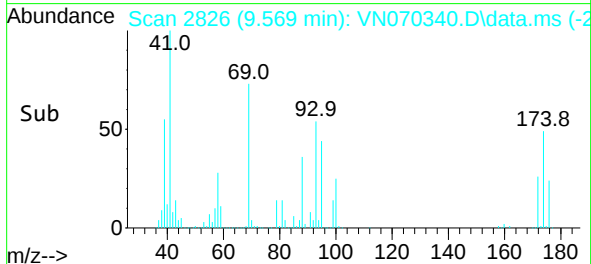
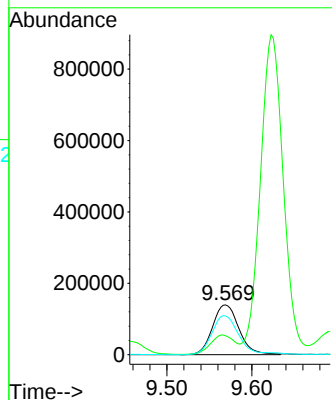
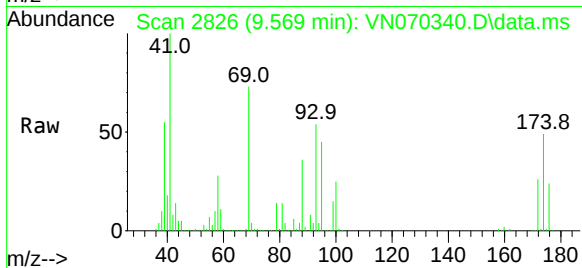
Tgt Ion: 88 Resp: 301119

Ion Ratio Lower Upper

88 100

43 35.0 23.4 35.2

58 81.7 50.6 75.8#



#50

Toluene-d8

Concen: 48.390 ug/l

RT: 10.441 min Scan# 3151

Delta R.T. 0.001 min

Lab File: VN070340.D

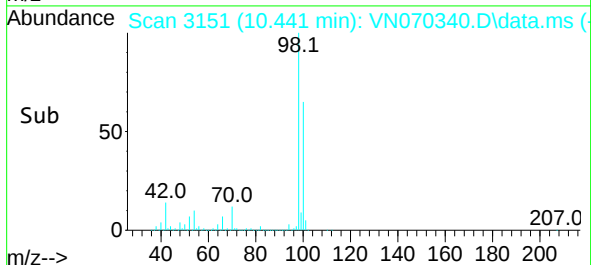
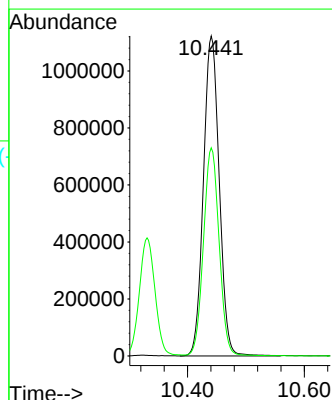
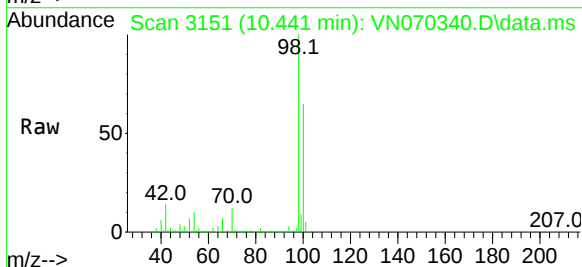
Acq: 29 Dec 2021 10:36

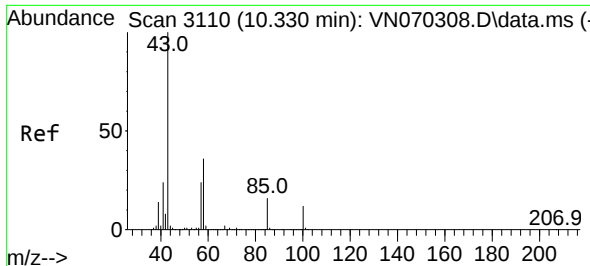
Tgt Ion: 98 Resp: 2108648

Ion Ratio Lower Upper

98 100

100 64.2 50.4 75.6

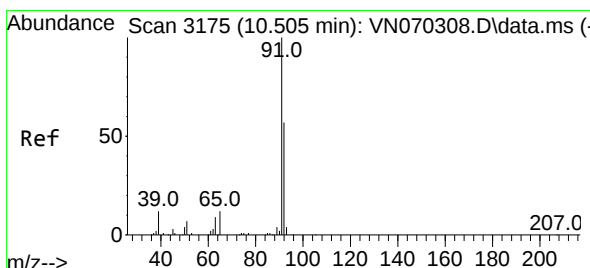
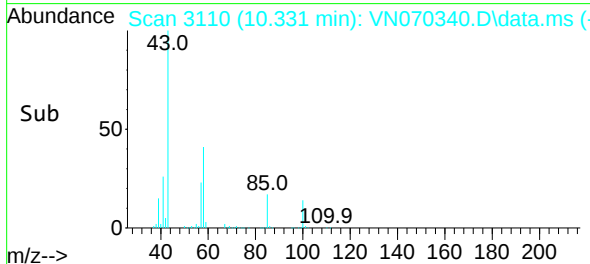
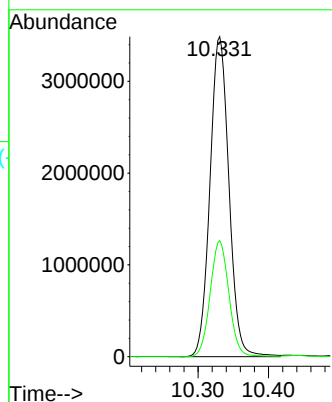
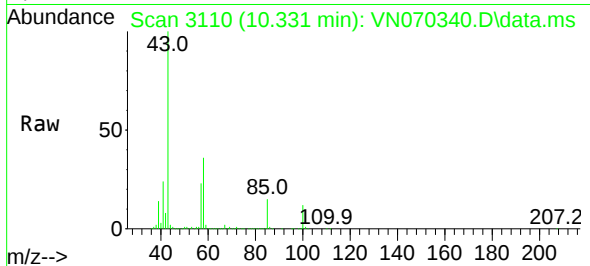




#51  
4-Methyl-2-Pentanone  
Concen: 287.216 ug/l  
RT: 10.331 min Scan# 3110  
Delta R.T. 0.001 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

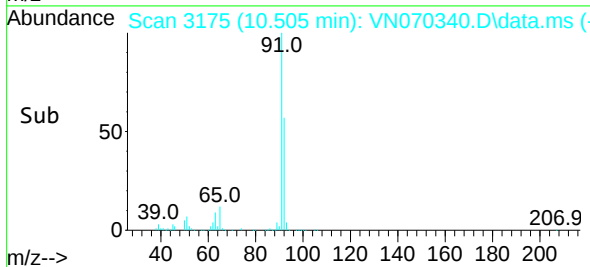
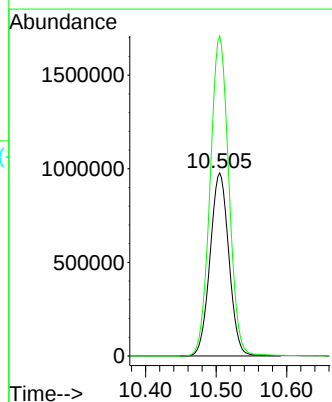
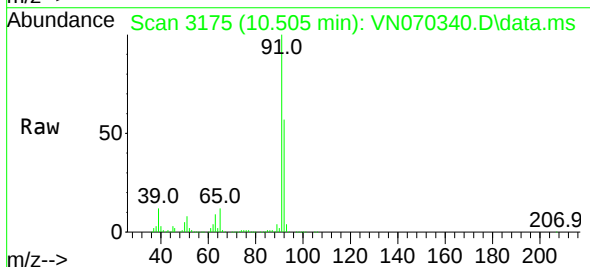
Instrument :  
MSVOA\_N  
ClientSampleId :

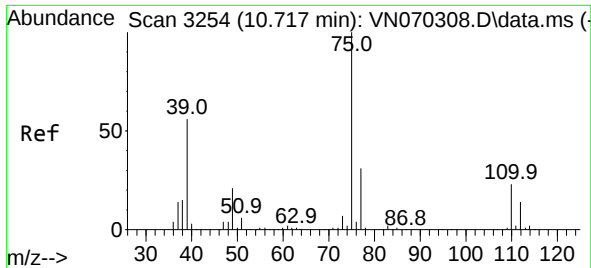
Tgt Ion: 43 Resp: 6508329  
Ion Ratio Lower Upper  
43 100  
58 35.9 30.4 45.6



#52  
Toluene  
Concen: 55.230 ug/l  
RT: 10.505 min Scan# 3175  
Delta R.T. -0.000 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

Tgt Ion: 92 Resp: 1808548  
Ion Ratio Lower Upper  
92 100  
91 174.3 142.0 213.0

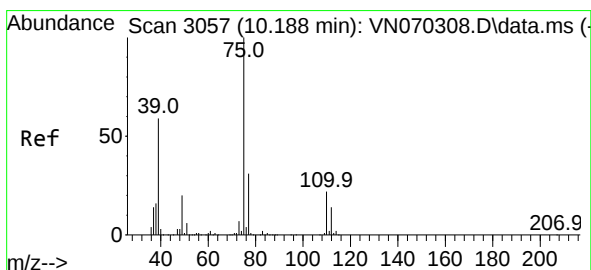
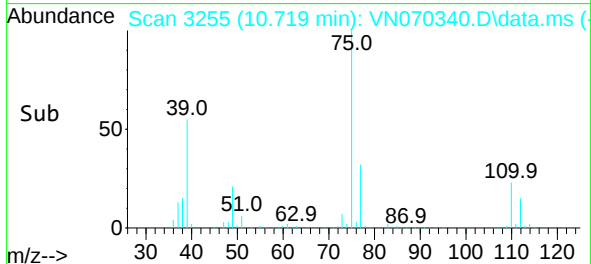
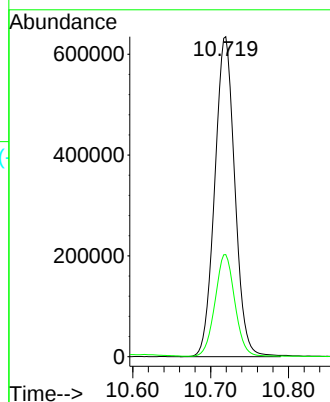
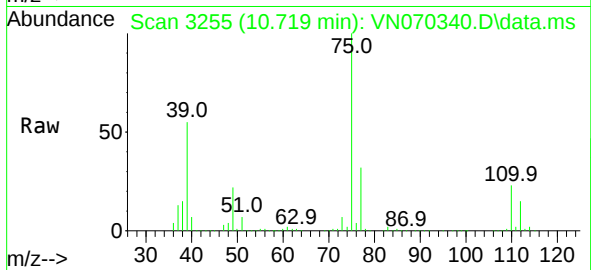




#53  
 t-1,3-Dichloropropene  
 Concen: 58.222 ug/l  
 RT: 10.719 min Scan# 31  
 Delta R.T. 0.002 min  
 Lab File: VN070340.D  
 Acq: 29 Dec 2021 10:36

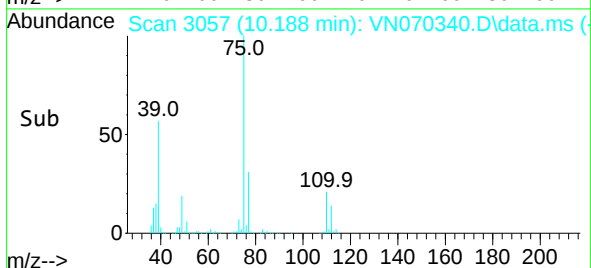
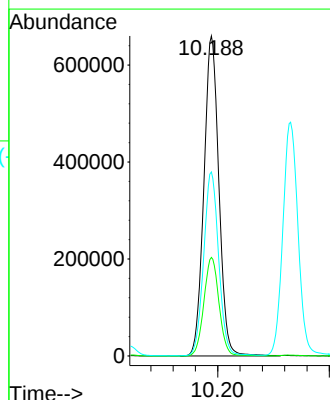
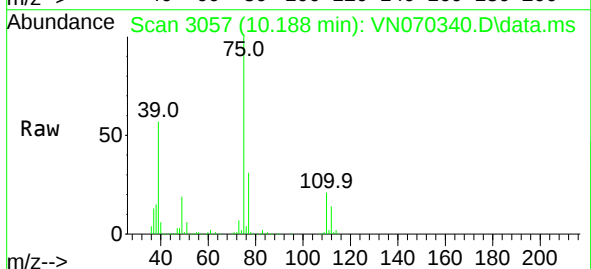
Instrument :  
 MSVOA\_N  
 ClientSampleId :

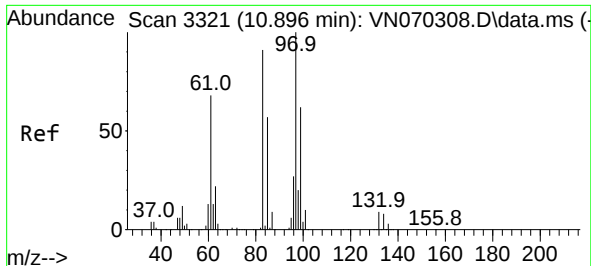
Tgt Ion: 75 Resp: 1133560  
 Ion Ratio Lower Upper  
 75 100  
 77 31.7 25.6 38.4



#54  
 cis-1,3-Dichloropropene  
 Concen: 58.585 ug/l  
 RT: 10.188 min Scan# 3057  
 Delta R.T. 0.000 min  
 Lab File: VN070340.D  
 Acq: 29 Dec 2021 10:36

Tgt Ion: 75 Resp: 1233885  
 Ion Ratio Lower Upper  
 75 100  
 77 30.8 26.4 39.6  
 39 57.4 42.5 63.7



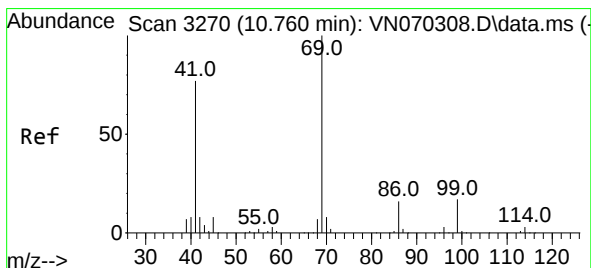
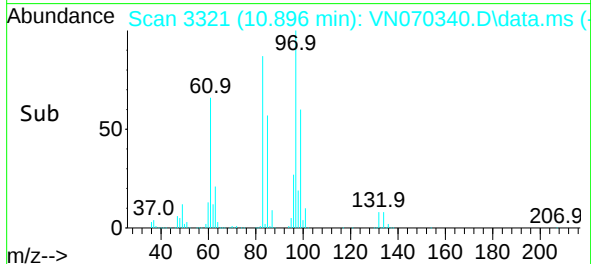
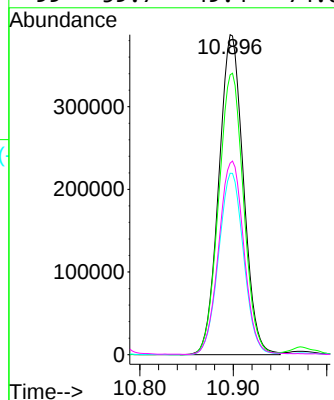
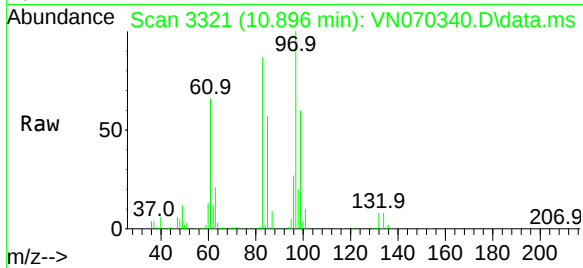


#55  
1,1,2-Trichloroethane  
Concen: 54.661 ug/l  
RT: 10.896 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 97 Resp: 708196

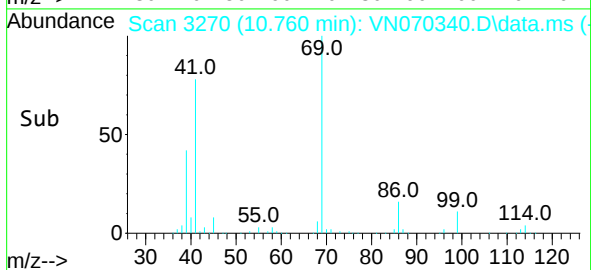
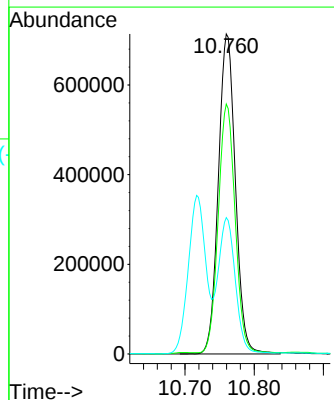
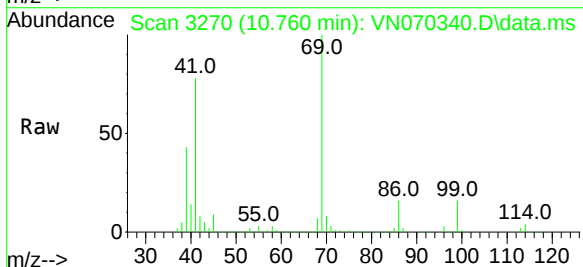
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 87.5  | 67.8  | 101.6 |
| 85  | 56.7  | 45.4  | 68.2  |
| 99  | 59.7  | 49.4  | 74.0  |

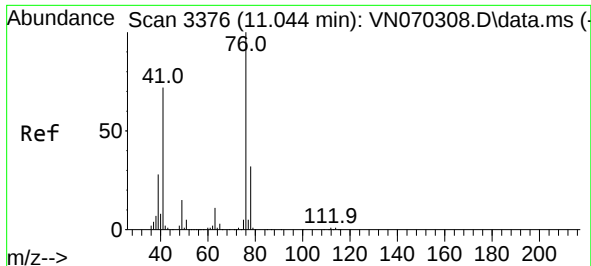


#56  
Ethyl methacrylate  
Concen: 57.067 ug/l  
RT: 10.760 min Scan# 3270  
Delta R.T. -0.000 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

Tgt Ion: 69 Resp: 1221677

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 76.9  | 51.4  | 77.0  |
| 39  | 41.4  | 34.6  | 52.0  |





#57

1,3-Dichloropropane

Concen: 54.707 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.000 min MSVOA\_N

Lab File: VN070340.D

Acq: 29 Dec 2021 10:36

Instrument :

MSVOA\_N

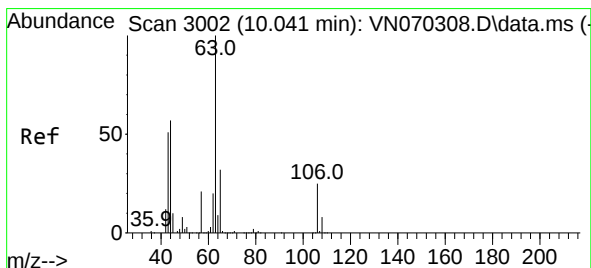
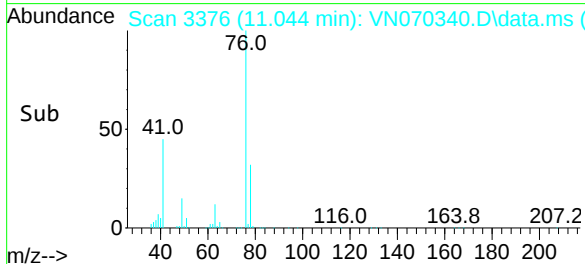
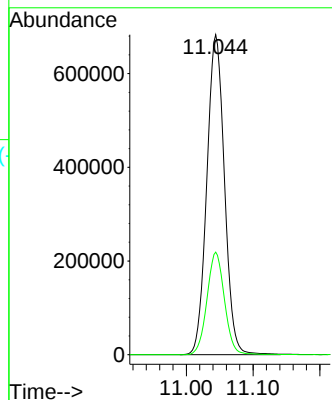
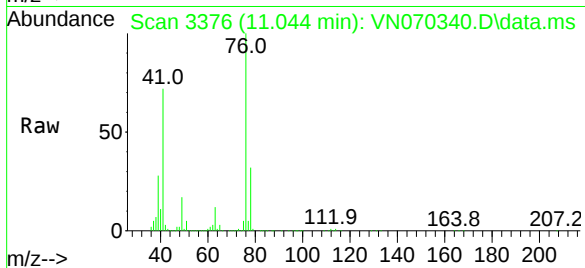
ClientSampleId :

Tgt Ion: 76 Resp: 1253676

Ion Ratio Lower Upper

76 100

78 31.8 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 280.682 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.000 min

Lab File: VN070340.D

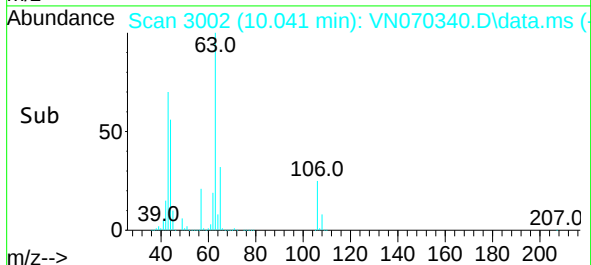
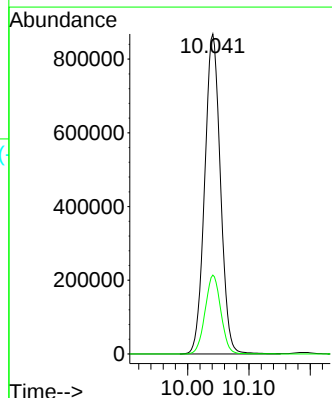
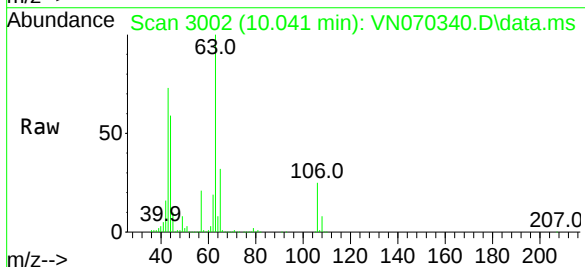
Acq: 29 Dec 2021 10:36

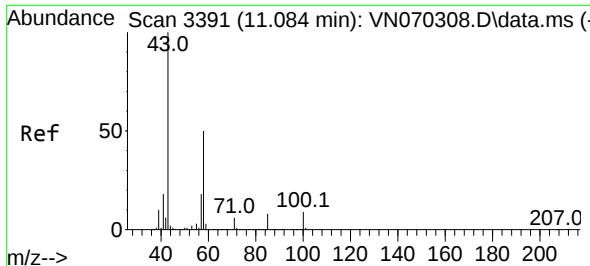
Tgt Ion: 63 Resp: 1548254

Ion Ratio Lower Upper

63 100

106 24.6 23.9 35.9

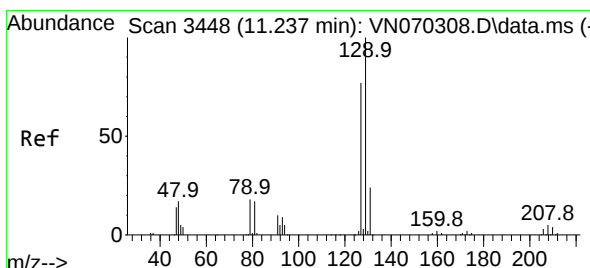
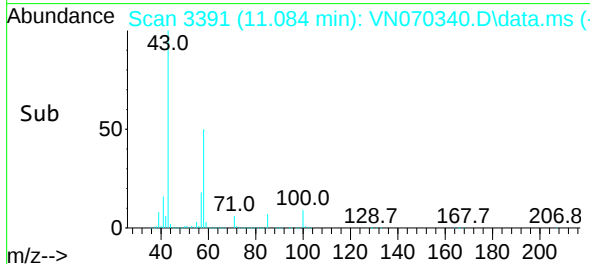
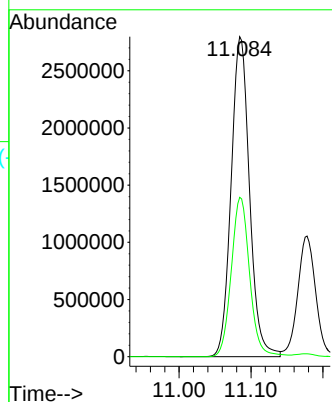
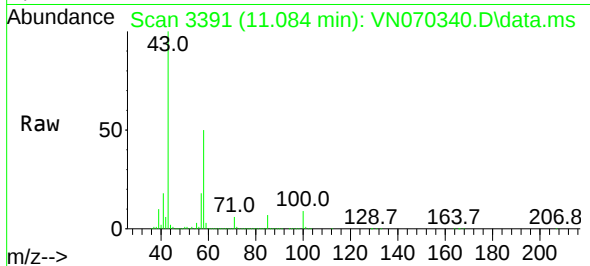




#59  
2-Hexanone  
Concen: 300.389 ug/l  
RT: 11.084 min Scan# 3391  
Delta R.T. 0.000 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

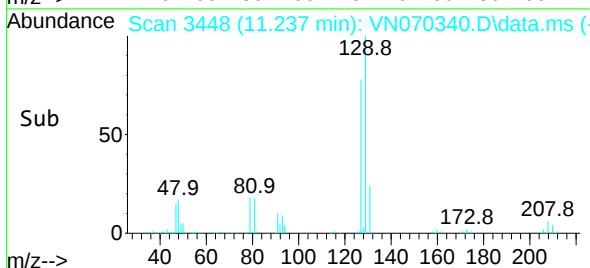
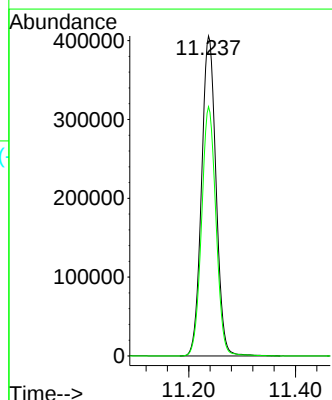
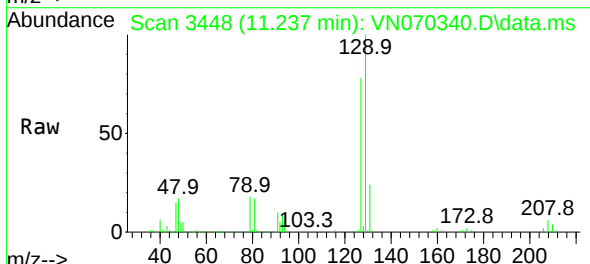
Instrument :  
MSVOA\_N  
ClientSampleId :

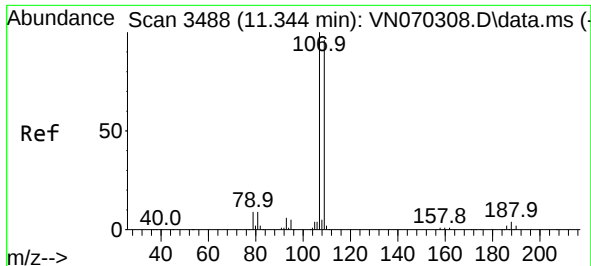
Tgt Ion: 43 Resp: 4963872  
Ion Ratio Lower Upper  
43 100  
58 49.8 26.9 80.7



#60  
Dibromochloromethane  
Concen: 60.369 ug/l  
RT: 11.237 min Scan# 3448  
Delta R.T. 0.000 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

Tgt Ion: 129 Resp: 763135  
Ion Ratio Lower Upper  
129 100  
127 77.7 38.6 116.0

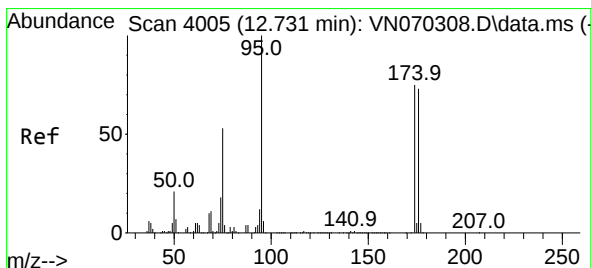
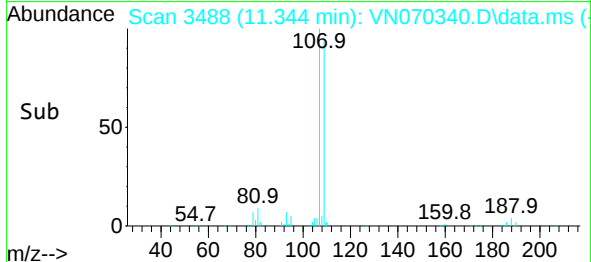
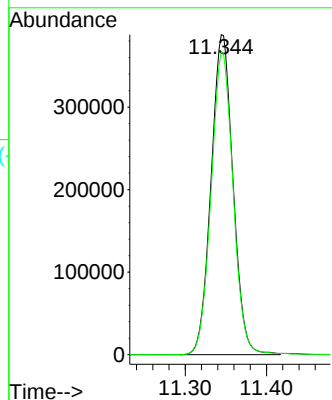
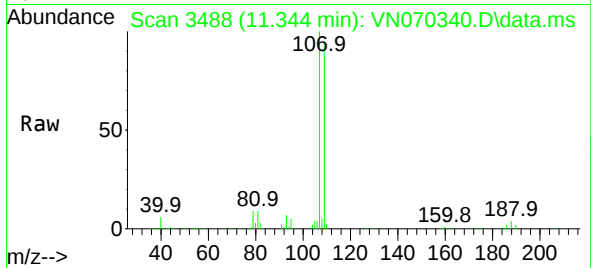




#61  
1,2-Dibromoethane  
Concen: 55.254 ug/l  
RT: 11.344 min Scan# 3488  
Delta R.T. 0.000 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

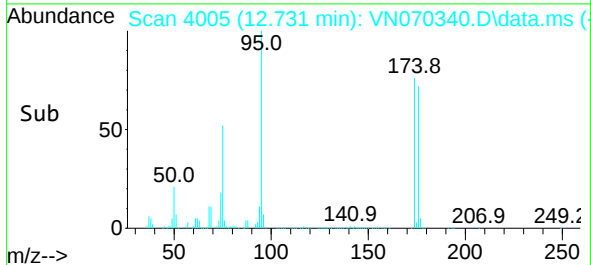
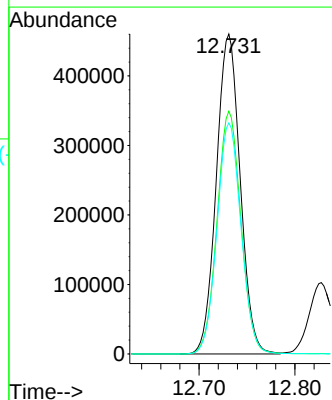
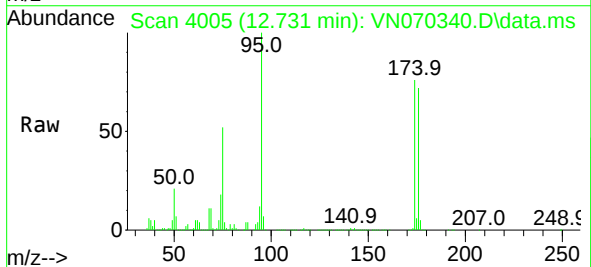
Instrument :  
MSVOA\_N  
ClientSampleId :

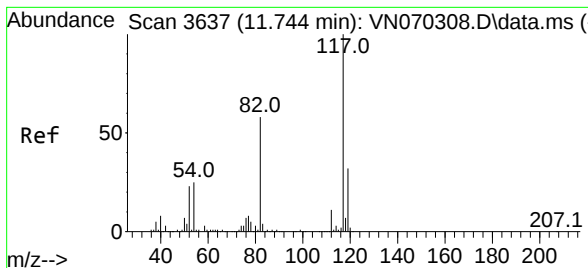
Tgt Ion:107 Resp: 726890  
Ion Ratio Lower Upper  
107 100  
109 94.9 75.7 113.5



#62  
4-Bromofluorobenzene  
Concen: 50.505 ug/l  
RT: 12.731 min Scan# 4005  
Delta R.T. -0.000 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

Tgt Ion: 95 Resp: 794881  
Ion Ratio Lower Upper  
95 100  
174 76.0 0.0 187.2  
176 73.0 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3637

Delta R.T. -0.000 min

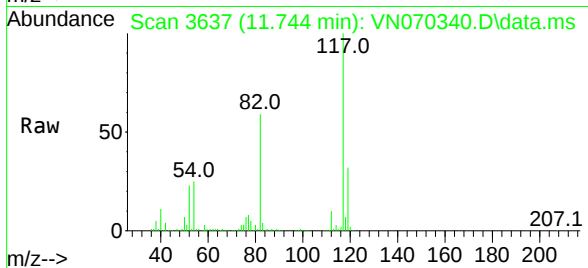
Lab File: VN070340.D

Acq: 29 Dec 2021 10:36

Instrument :

MSVOA\_N

ClientSampleId :



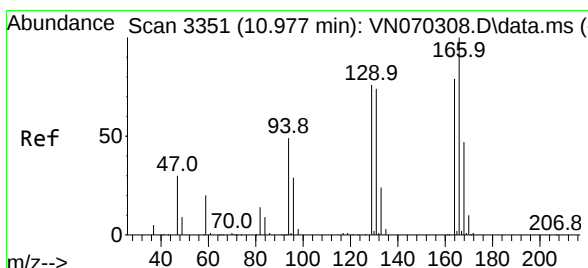
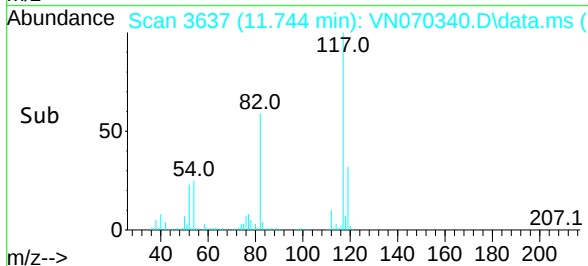
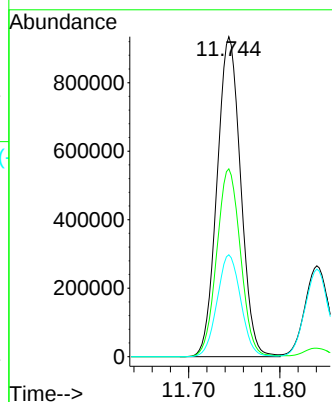
Tgt Ion:117 Resp: 1680553

Ion Ratio Lower Upper

117 100

82 58.7 42.4 63.6

119 31.8 25.4 38.2



#64

Tetrachloroethene

Concen: 50.503 ug/l

RT: 10.977 min Scan# 3351

Delta R.T. -0.000 min

Lab File: VN070340.D

Acq: 29 Dec 2021 10:36

Tgt Ion:164 Resp: 614605

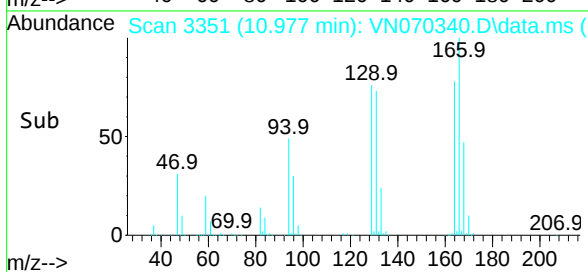
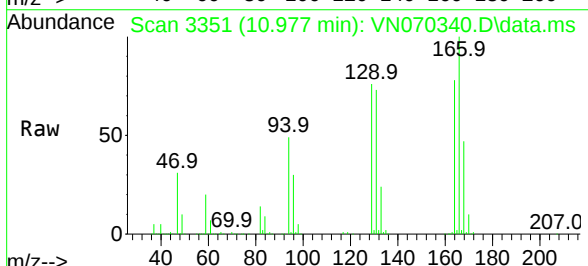
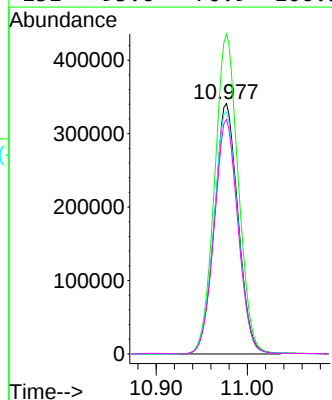
Ion Ratio Lower Upper

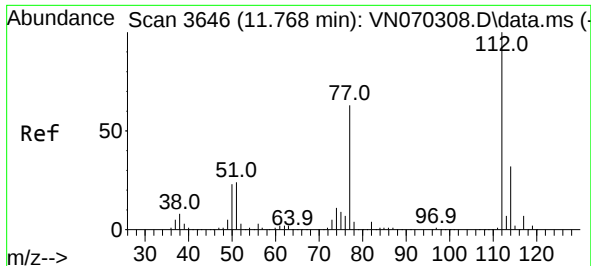
164 100

166 127.8 101.9 152.9

129 96.7 72.0 108.0

131 93.6 70.9 106.3

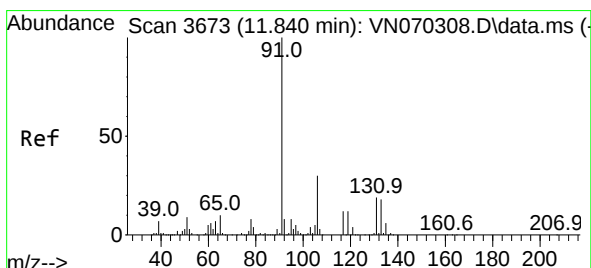
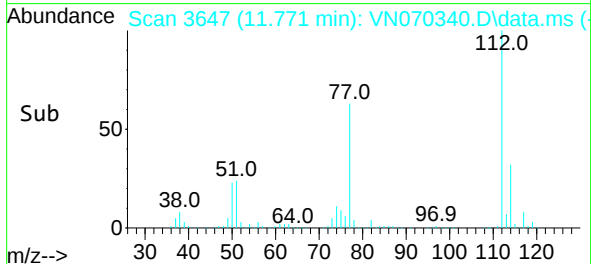
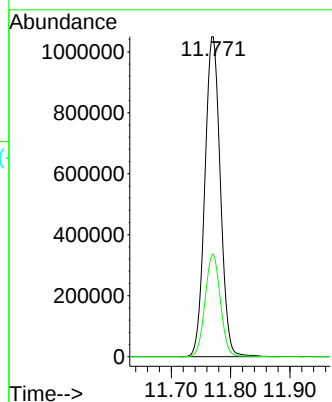
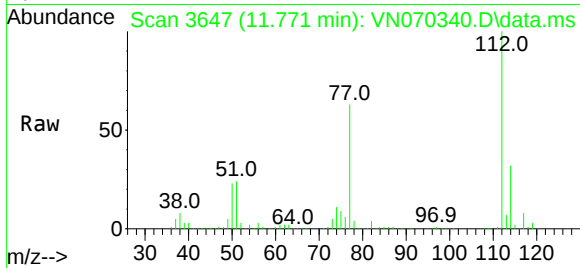




#65  
Chlorobenzene  
Concen: 53.214 ug/l  
RT: 11.771 min Scan# 3647  
Delta R.T. 0.003 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

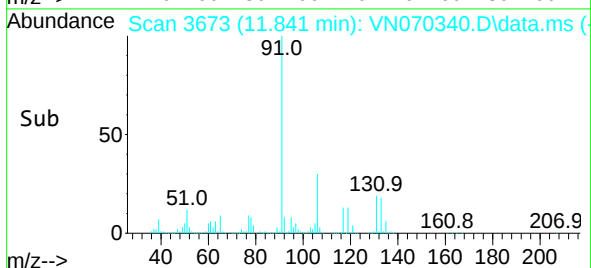
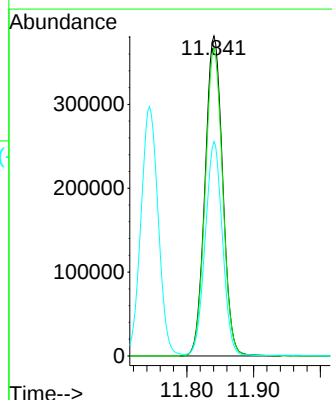
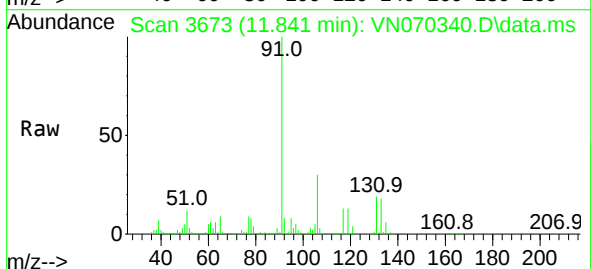
Instrument :  
MSVOA\_N  
ClientSampleId :

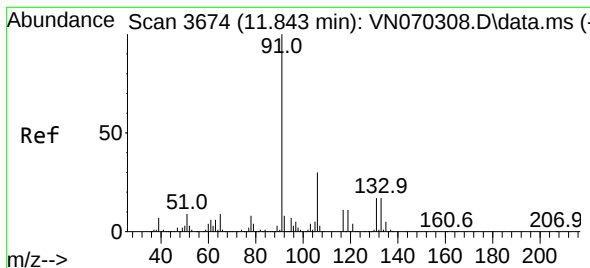
Tgt Ion:112 Resp: 1897507  
Ion Ratio Lower Upper  
112 100  
114 32.0 25.4 38.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 54.869 ug/l  
RT: 11.841 min Scan# 3673  
Delta R.T. 0.001 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

Tgt Ion:131 Resp: 698470  
Ion Ratio Lower Upper  
131 100  
133 95.2 47.9 143.7  
119 65.6 32.1 96.5





#67

Ethyl Benzene

Concen: 54.712 ug/l

RT: 11.843 min Scan# 30

Delta R.T. 0.000 min

Lab File: VN070340.D

Acq: 29 Dec 2021 10:36

Instrument :

MSVOA\_N

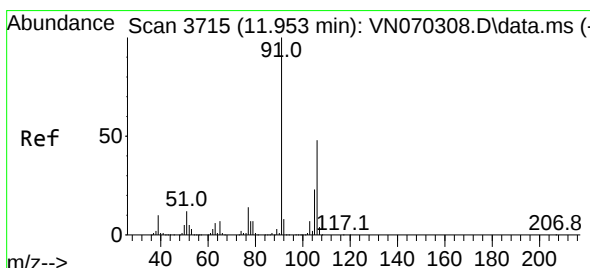
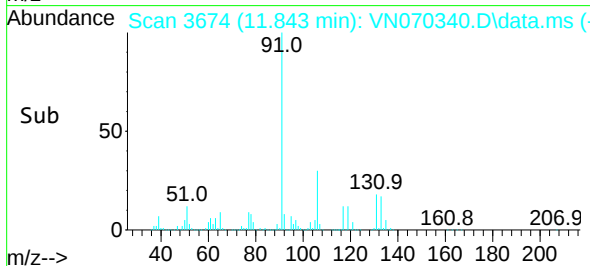
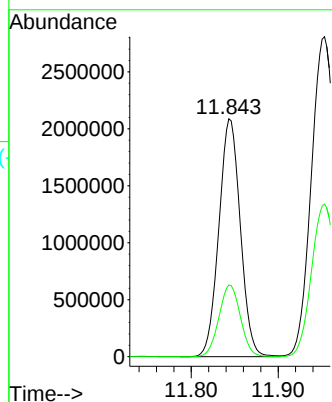
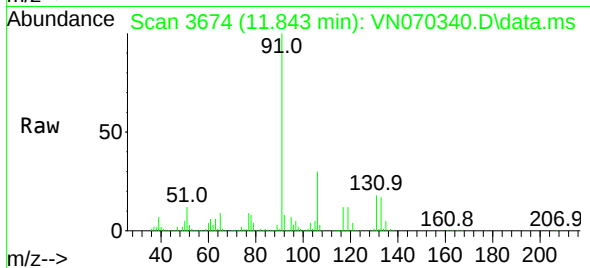
ClientSampleId :

Tgt Ion: 91 Resp: 3574525

Ion Ratio Lower Upper

91 100

106 30.1 25.7 38.5



#68

m/p-Xylenes

Concen: 111.806 ug/l

RT: 11.953 min Scan# 3715

Delta R.T. 0.000 min

Lab File: VN070340.D

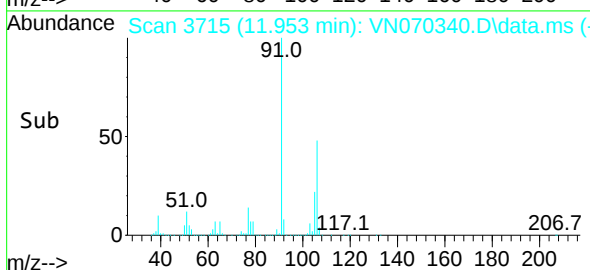
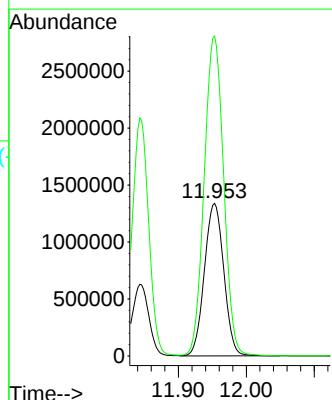
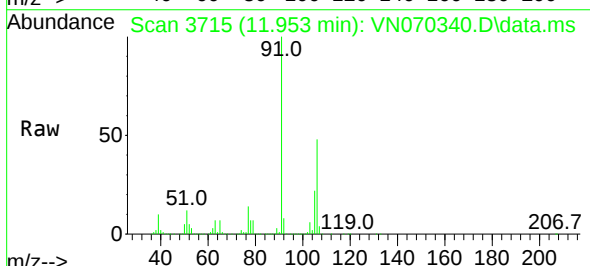
Acq: 29 Dec 2021 10:36

Tgt Ion:106 Resp: 2658932

Ion Ratio Lower Upper

106 100

91 210.2 160.6 240.8

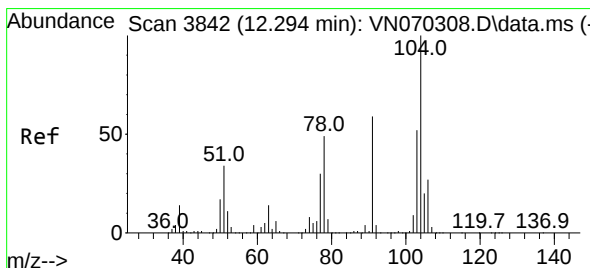
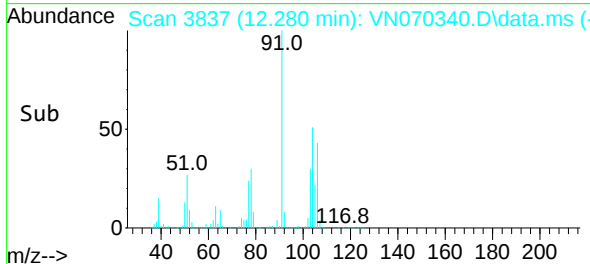
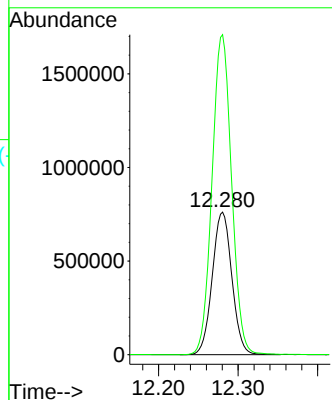
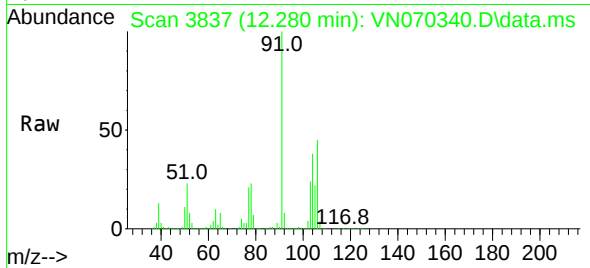




#69  
o-Xylene  
Concen: 55.148 ug/l  
RT: 12.280 min Scan# 3837  
Delta R.T. 0.002 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

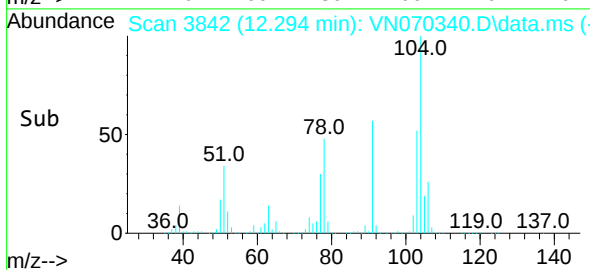
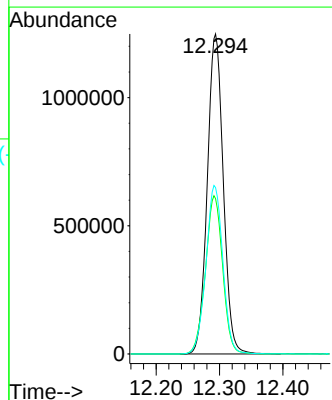
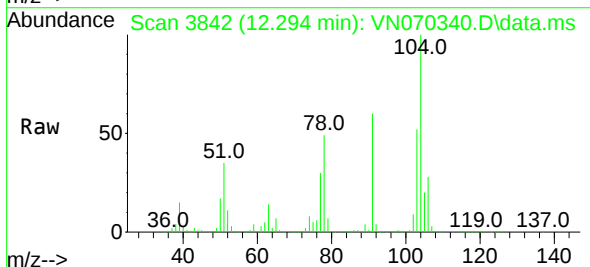
Instrument :  
MSVOA\_N  
ClientSampleId :

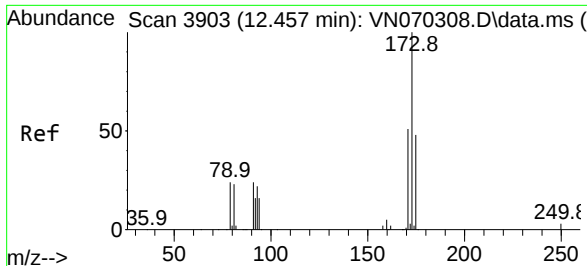
Tgt Ion:106 Resp: 1304502  
Ion Ratio Lower Upper  
106 100  
91 223.5 105.8 317.3



#70  
Styrene  
Concen: 58.430 ug/l  
RT: 12.294 min Scan# 3842  
Delta R.T. -0.000 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

Tgt Ion:104 Resp: 2187528  
Ion Ratio Lower Upper  
104 100  
78 53.1 38.7 58.1  
103 55.9 45.0 67.6

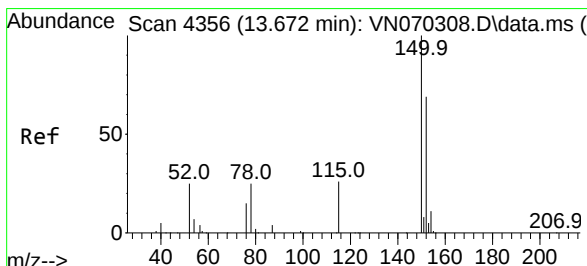
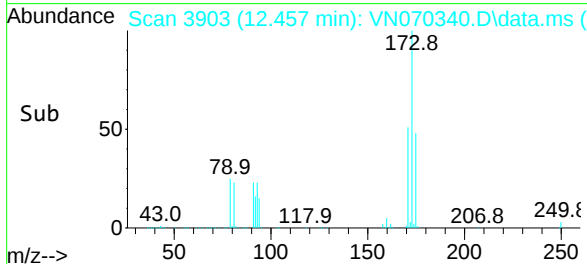
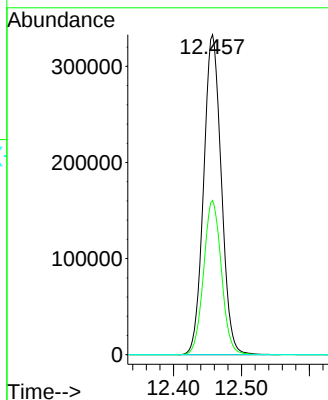
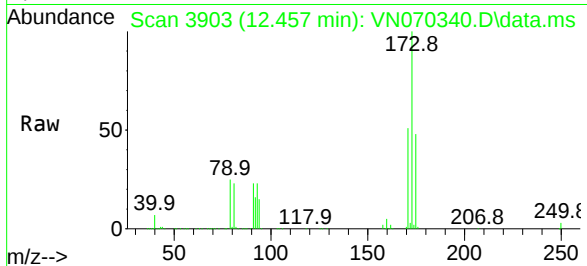




#71  
Bromoform  
Concen: 63.698 ug/l  
RT: 12.457 min Scan# 3903  
Delta R.T. 0.000 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

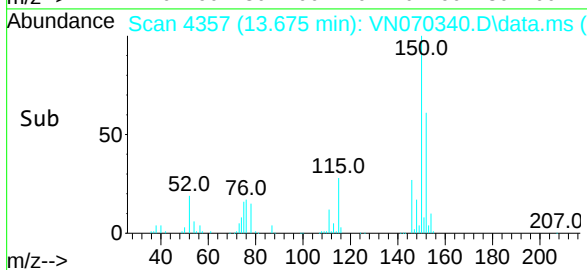
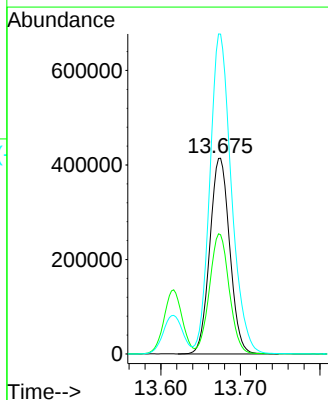
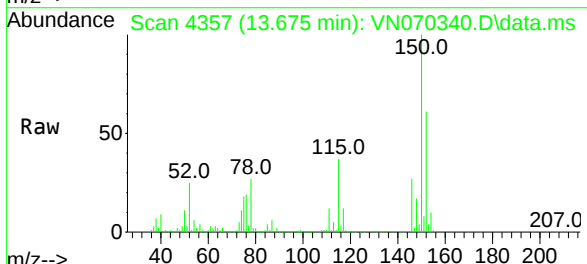
Instrument :  
MSVOA\_N  
ClientSampleId :

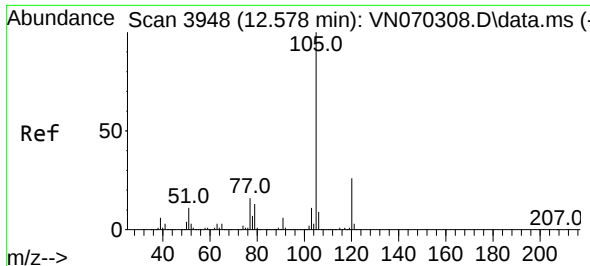
Tgt Ion:173 Resp: 601783  
Ion Ratio Lower Upper  
173 100  
175 48.4 24.2 72.6  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.675 min Scan# 4357  
Delta R.T. 0.003 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

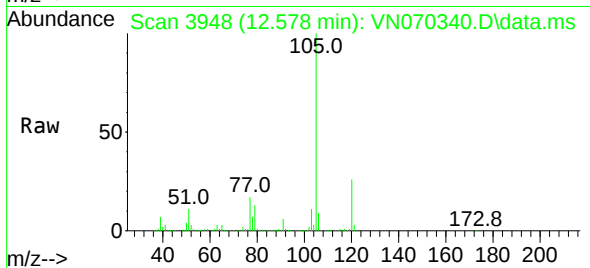
Tgt Ion:152 Resp: 721901  
Ion Ratio Lower Upper  
152 100  
115 60.3 27.5 82.5  
150 176.3 0.0 344.4



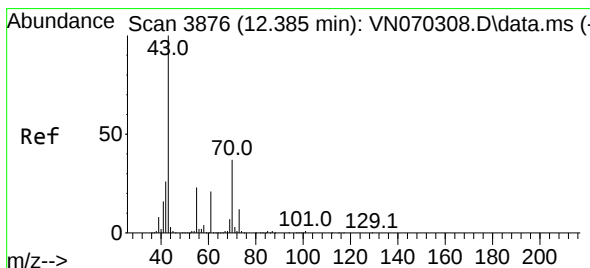
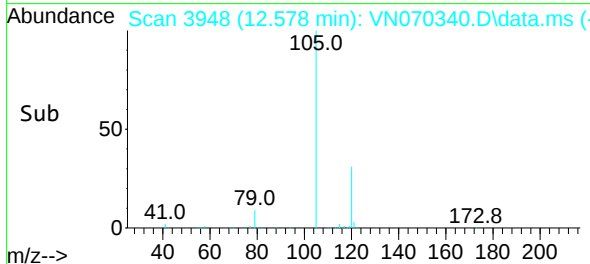
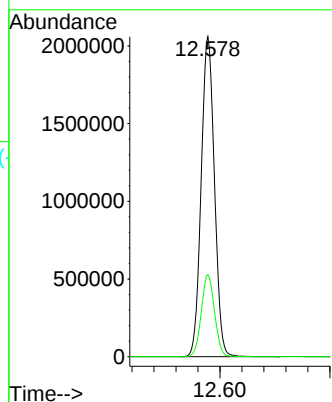


#73  
Isopropylbenzene  
Concen: 51.386 ug/l  
RT: 12.578 min Scan# 3948  
Delta R.T. 0.000 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

Instrument :  
MSVOA\_N  
ClientSampleId :

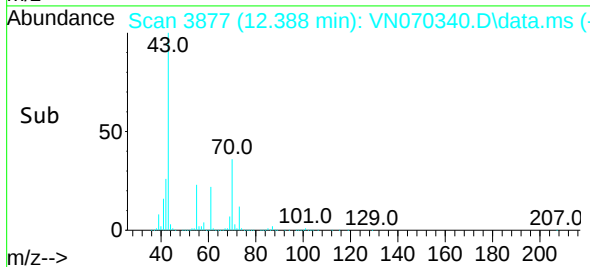
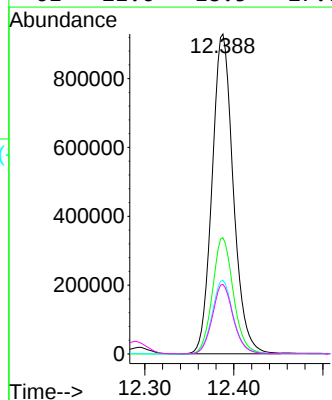
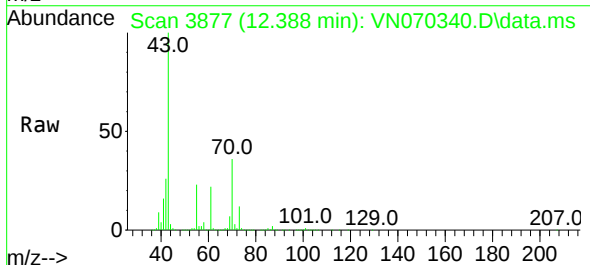


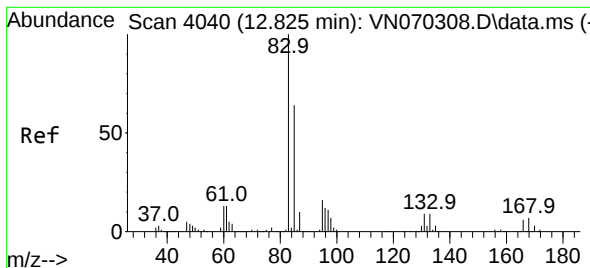
Tgt Ion:105 Resp: 3444874  
Ion Ratio Lower Upper  
105 100  
120 25.6 13.4 40.1



#74  
N-ethyl acetate  
Concen: 54.390 ug/l  
RT: 12.388 min Scan# 3877  
Delta R.T. 0.003 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

Tgt Ion: 43 Resp: 1533134  
Ion Ratio Lower Upper  
43 100  
70 36.2 33.4 50.0  
55 23.2 19.3 28.9  
61 21.6 18.5 27.7

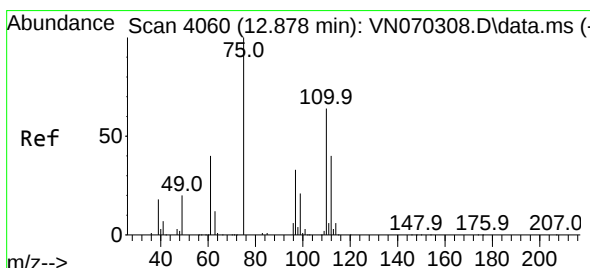
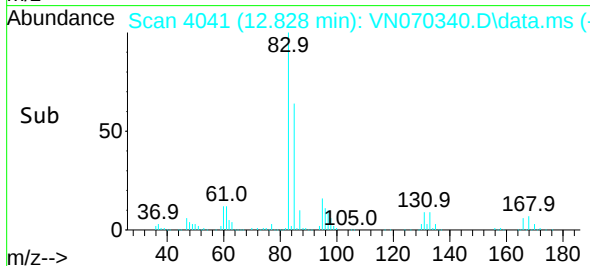
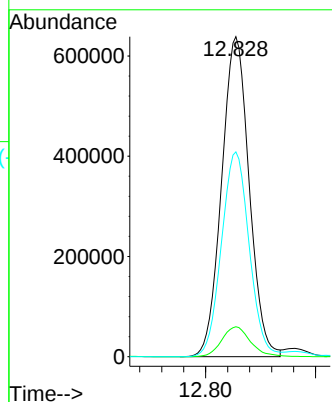
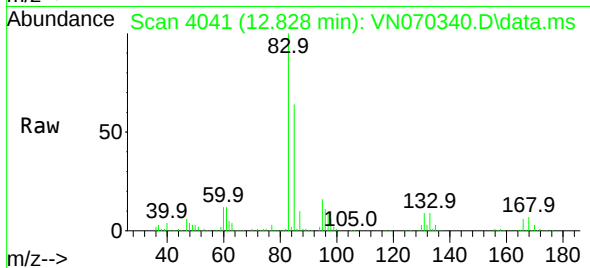




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 50.679 ug/l  
 RT: 12.828 min Scan# 4040  
 Delta R.T. 0.003 min  
 Lab File: VN070340.D  
 Acq: 29 Dec 2021 10:36

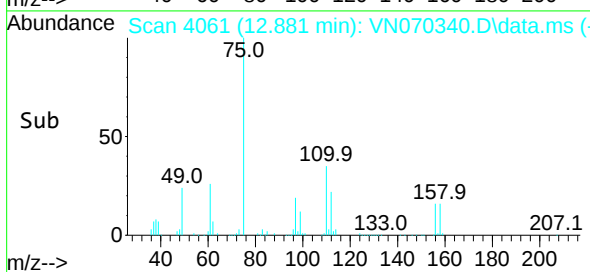
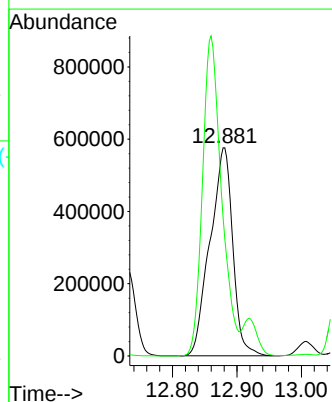
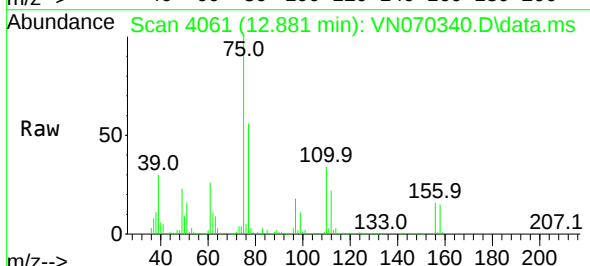
Instrument :  
 MSVOA\_N  
 ClientSampleId :

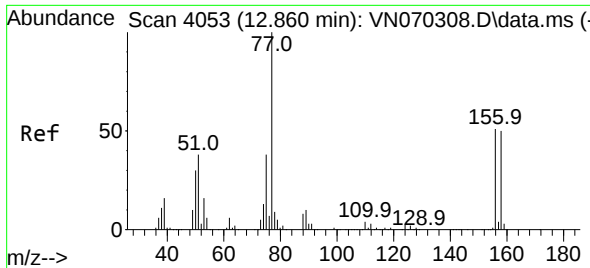
Tgt Ion: 83 Resp: 1112452  
 Ion Ratio Lower Upper  
 83 100  
 131 9.8 5.5 16.5  
 85 64.5 32.4 97.2



#76  
 1,2,3-Trichloropropane  
 Concen: 65.194 ug/l  
 RT: 12.881 min Scan# 4061  
 Delta R.T. 0.003 min  
 Lab File: VN070340.D  
 Acq: 29 Dec 2021 10:36

Tgt Ion: 75 Resp: 1412095  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 82.6 247.8#

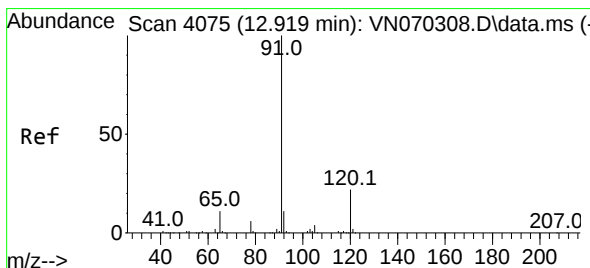
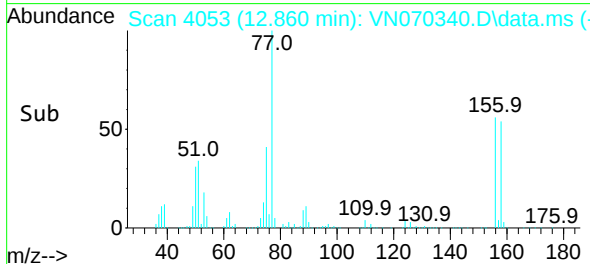
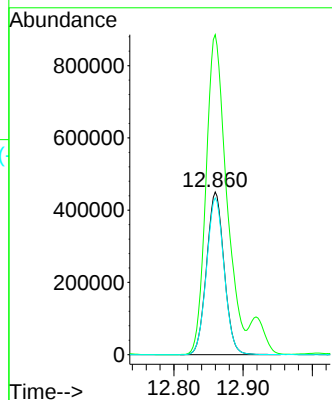
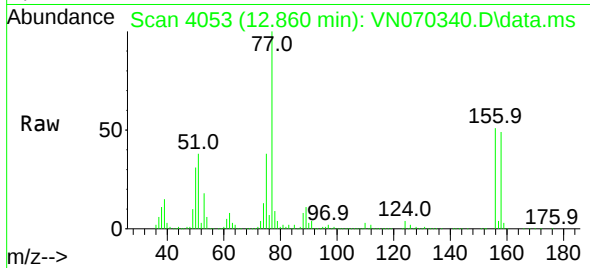




#77  
Bromobenzene  
Concen: 51.446 ug/l  
RT: 12.860 min Scan# 4053  
Delta R.T. -0.000 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

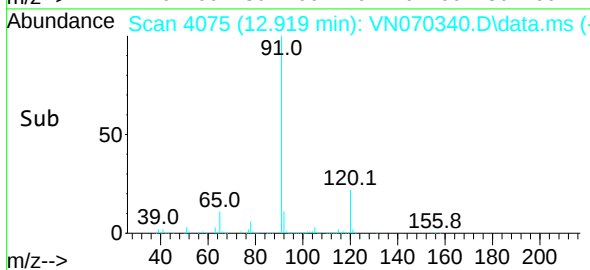
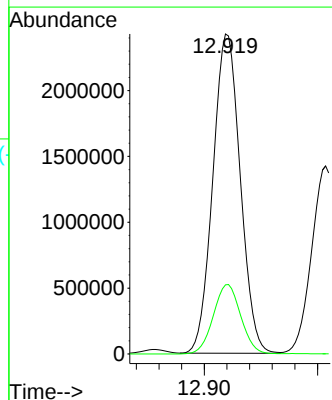
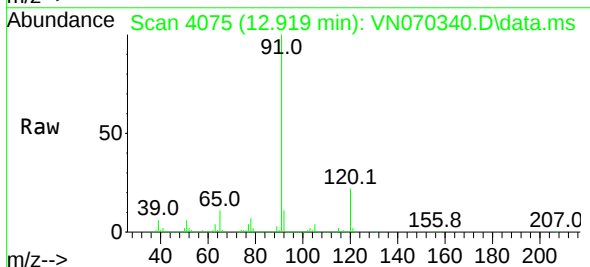
Instrument :  
MSVOA\_N  
ClientSampleId :

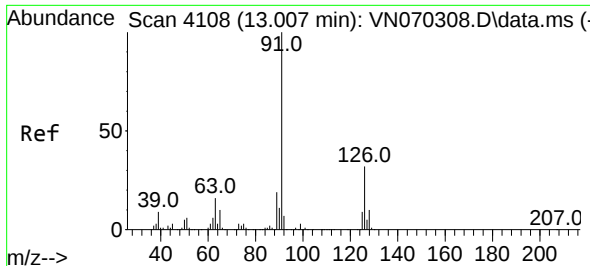
Tgt Ion:156 Resp: 791818  
Ion Ratio Lower Upper  
156 100  
77 229.7 90.6 271.8  
158 97.1 48.9 146.7



#78  
n-propylbenzene  
Concen: 54.813 ug/l  
RT: 12.919 min Scan# 4075  
Delta R.T. -0.000 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

Tgt Ion: 91 Resp: 4071434  
Ion Ratio Lower Upper  
91 100  
120 21.8 11.9 35.9

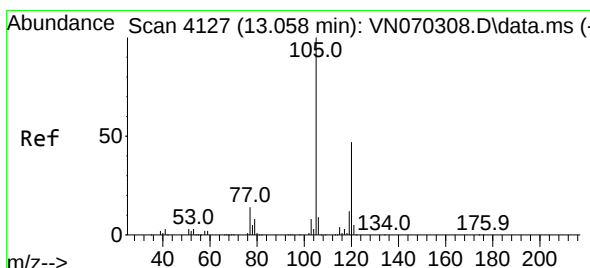
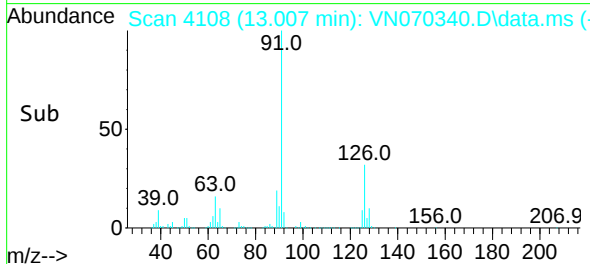
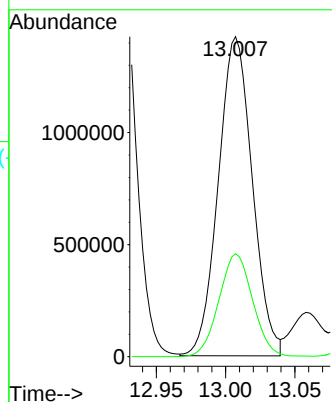
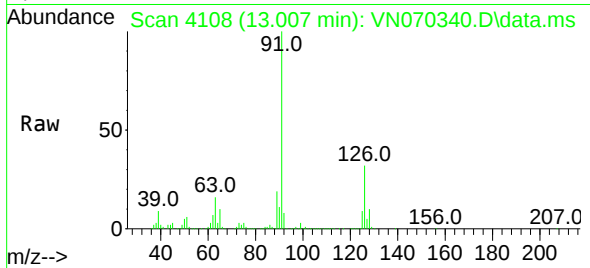




#79  
2-Chlorotoluene  
Concen: 51.051 ug/l  
RT: 13.007 min Scan# 4108  
Delta R.T. 0.000 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

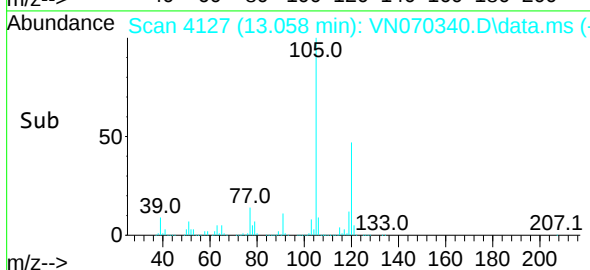
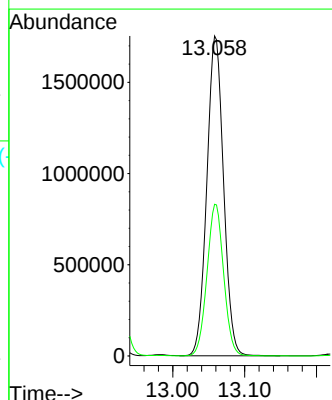
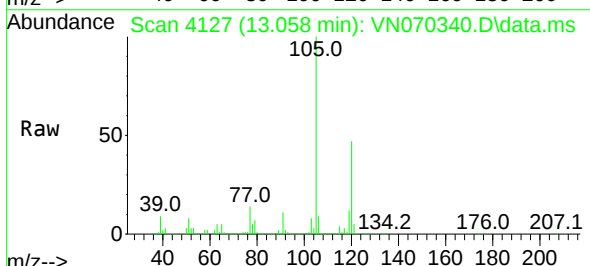
Instrument :  
MSVOA\_N  
ClientSampleId :

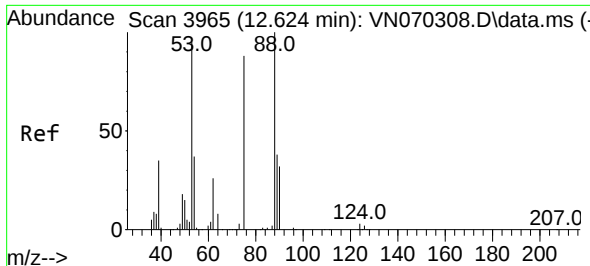
Tgt Ion: 91 Resp: 2433038  
Ion Ratio Lower Upper  
91 100  
126 32.1 18.3 54.8



#80  
1,3,5-Trimethylbenzene  
Concen: 52.759 ug/l  
RT: 13.058 min Scan# 4127  
Delta R.T. 0.000 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

Tgt Ion:105 Resp: 2834305  
Ion Ratio Lower Upper  
105 100  
120 47.3 24.6 73.6

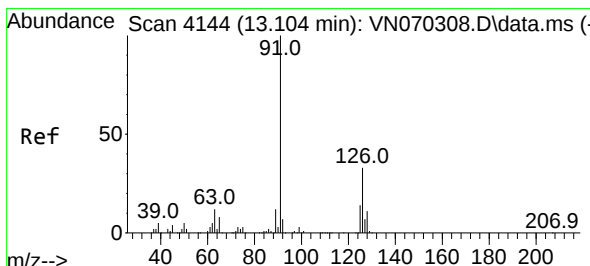
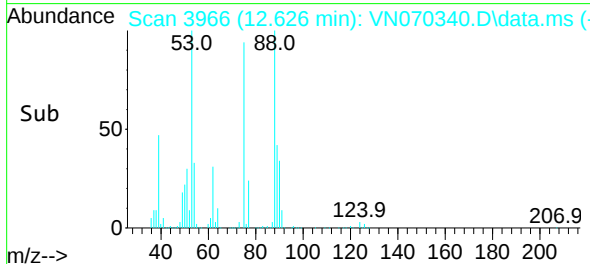
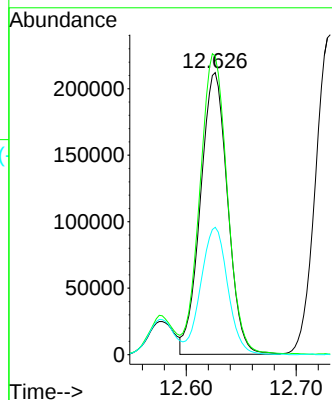
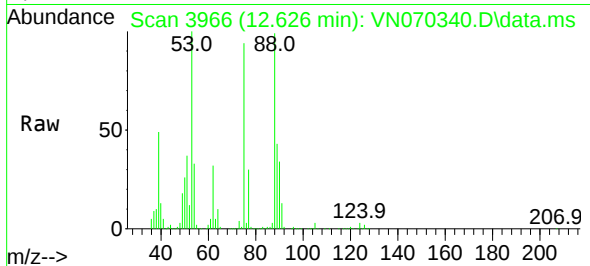




#81  
trans-1,4-Dichloro-2-butene  
Concen: 61.663 ug/l  
RT: 12.626 min Scan# 3965  
Delta R.T. 0.002 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

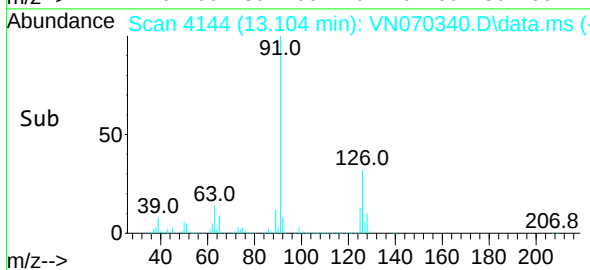
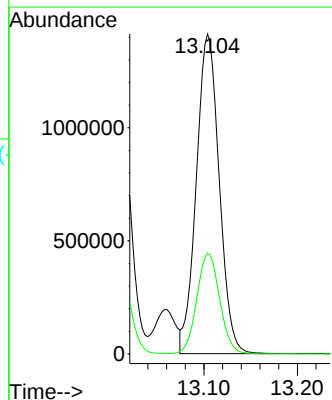
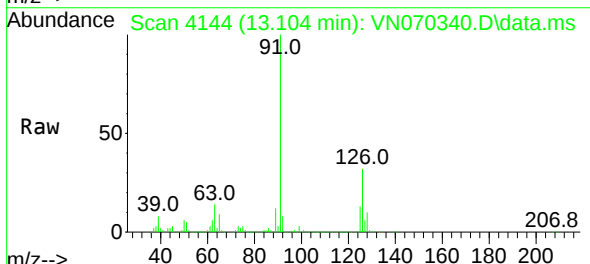
Instrument :  
MSVOA\_N  
ClientSampleId :

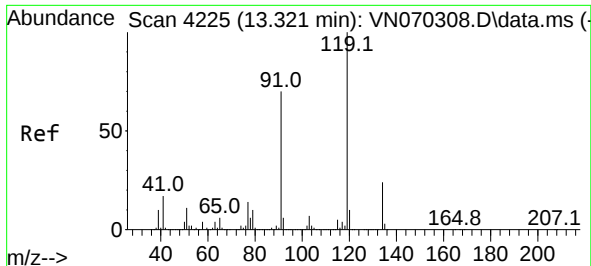
Tgt Ion: 75 Resp: 364343  
Ion Ratio Lower Upper  
75 100  
53 107.3 90.5 135.7  
89 44.6 38.2 57.4



#82  
4-Chlorotoluene  
Concen: 53.675 ug/l  
RT: 13.104 min Scan# 4144  
Delta R.T. -0.000 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

Tgt Ion: 91 Resp: 2396191  
Ion Ratio Lower Upper  
91 100  
126 31.5 18.2 54.6

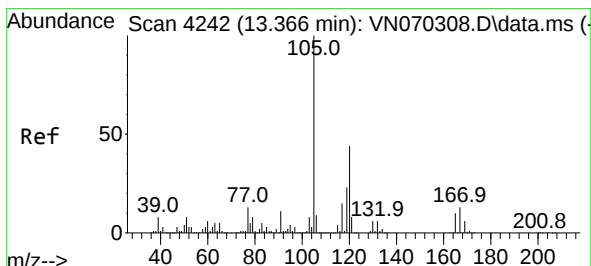
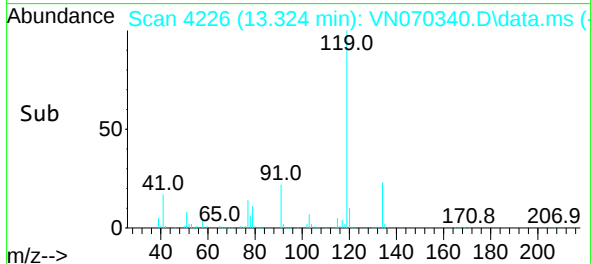
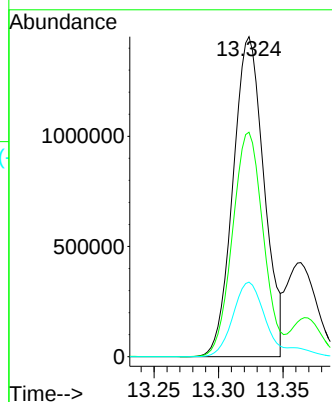
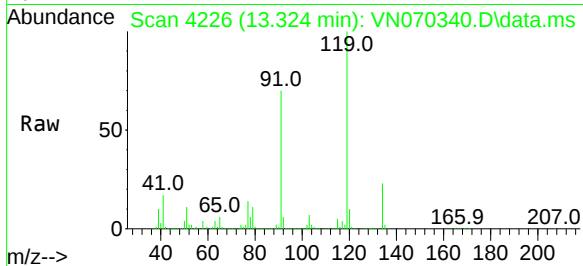




#83  
tert-Butylbenzene  
Concen: 51.456 ug/l  
RT: 13.324 min Scan# 4226  
Delta R.T. 0.003 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

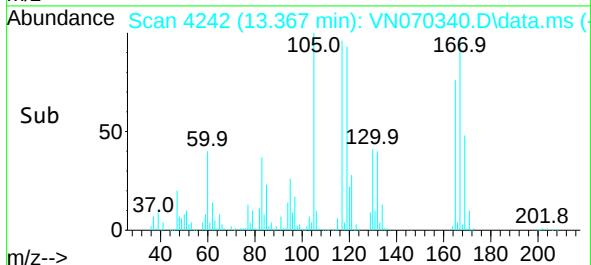
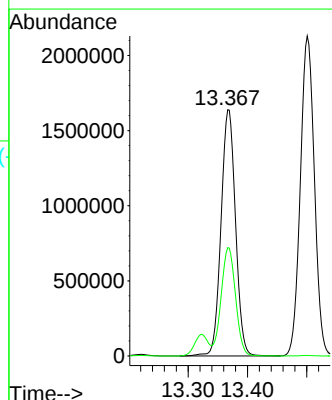
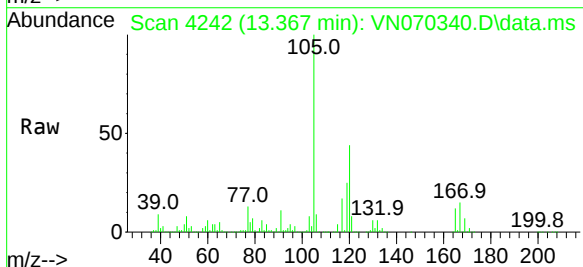
Instrument :  
MSVOA\_N  
ClientSampleId :

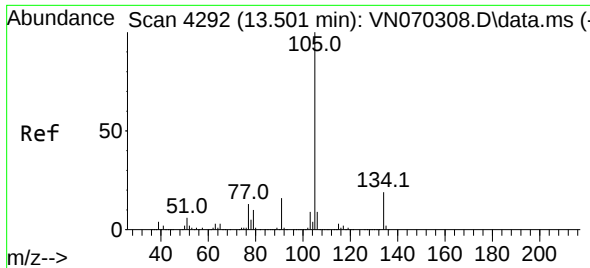
Tgt Ion:119 Resp: 2434102  
Ion Ratio Lower Upper  
119 100  
91 69.6 31.5 94.5  
134 23.8 12.4 37.4



#84  
1,2,4-Trimethylbenzene  
Concen: 53.823 ug/l  
RT: 13.367 min Scan# 4242  
Delta R.T. 0.001 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

Tgt Ion:105 Resp: 2784268  
Ion Ratio Lower Upper  
105 100  
120 43.8 22.8 68.4

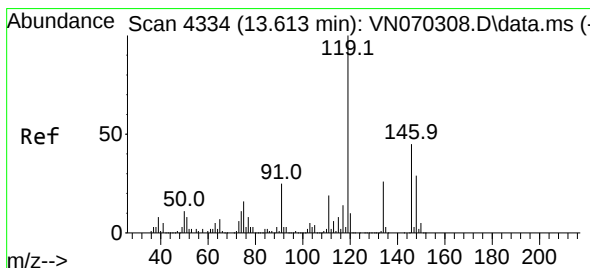
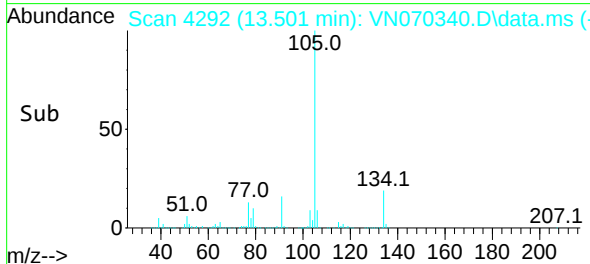
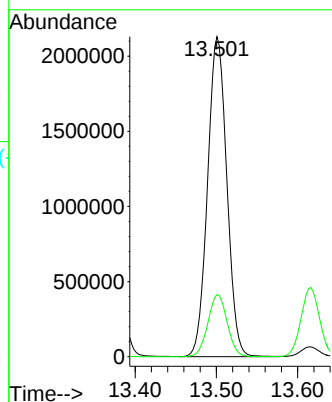
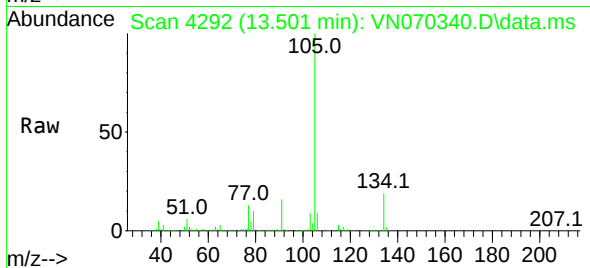




#85  
 sec-Butylbenzene  
 Concen: 54.436 ug/l  
 RT: 13.501 min Scan# 41  
 Delta R.T. -0.000 min  
 Lab File: VN070340.D  
 Acq: 29 Dec 2021 10:36

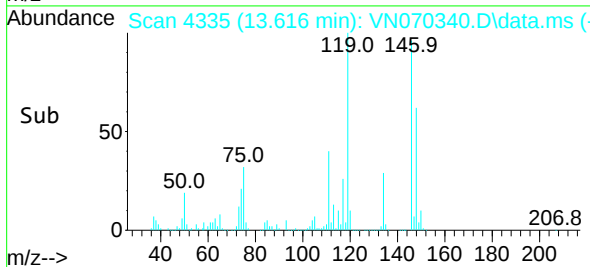
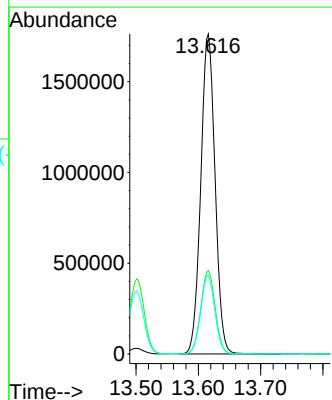
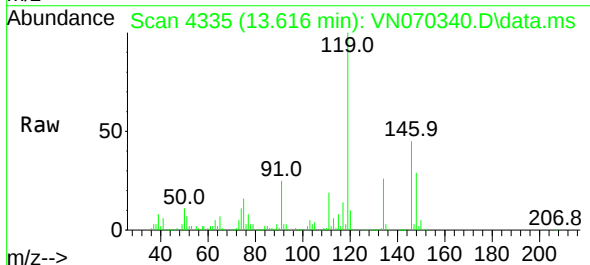
Instrument :  
 MSVOA\_N  
 ClientSampleId :

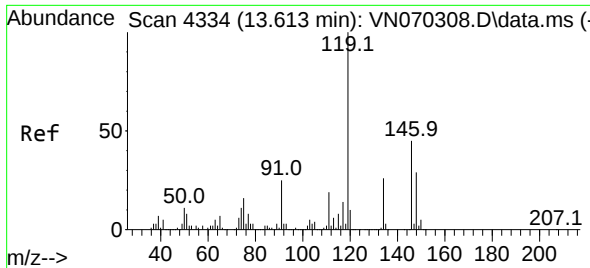
Tgt Ion:105 Resp: 3496046  
 Ion Ratio Lower Upper  
 105 100  
 134 19.6 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 55.507 ug/l  
 RT: 13.616 min Scan# 4335  
 Delta R.T. 0.003 min  
 Lab File: VN070340.D  
 Acq: 29 Dec 2021 10:36

Tgt Ion:119 Resp: 2800304  
 Ion Ratio Lower Upper  
 119 100  
 134 26.2 13.6 40.7  
 91 24.5 11.4 34.1

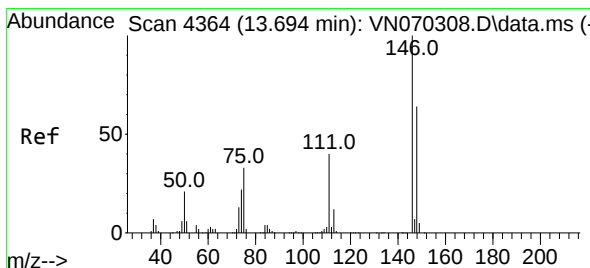
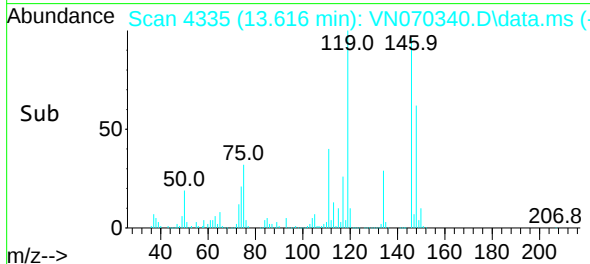
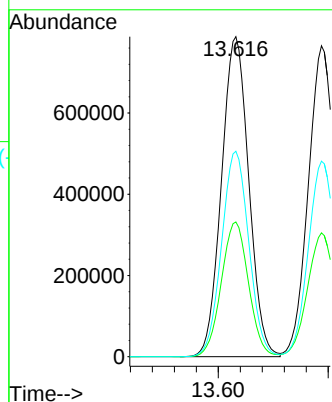
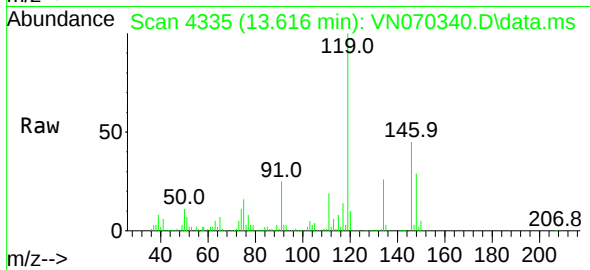




#87  
 1,3-Dichlorobenzene  
 Concen: 52.753 ug/l  
 RT: 13.616 min Scan# 4335  
 Delta R.T. 0.003 min  
 Lab File: VN070340.D  
 Acq: 29 Dec 2021 10:36

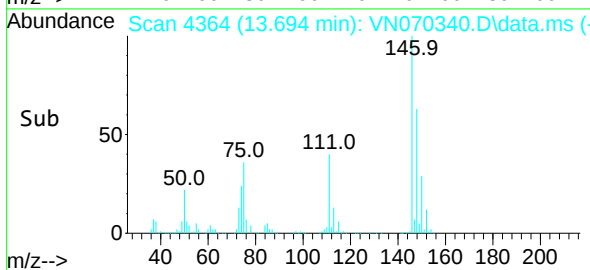
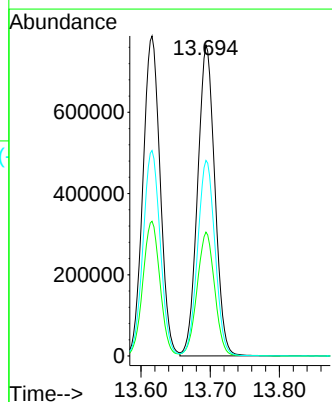
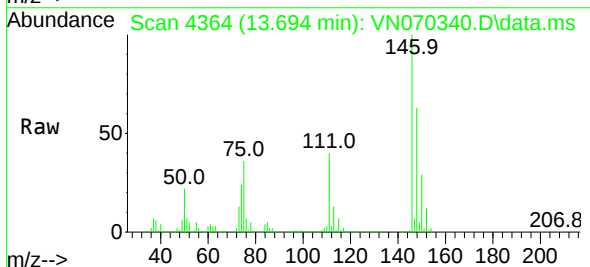
Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tgt Ion:146 Resp: 1359187  
 Ion Ratio Lower Upper  
 146 100  
 111 41.9 18.6 55.6  
 148 64.2 31.6 95.0



#88  
 1,4-Dichlorobenzene  
 Concen: 52.185 ug/l  
 RT: 13.694 min Scan# 4364  
 Delta R.T. -0.000 min  
 Lab File: VN070340.D  
 Acq: 29 Dec 2021 10:36

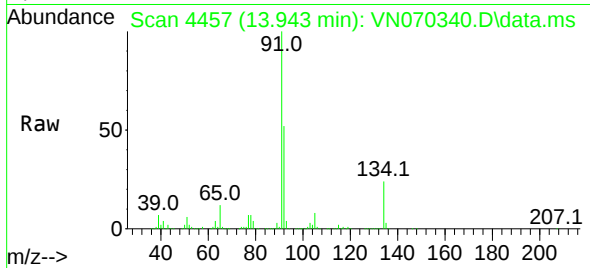
Tgt Ion:146 Resp: 1326296  
 Ion Ratio Lower Upper  
 146 100  
 111 40.2 18.3 54.8  
 148 63.5 31.8 95.4



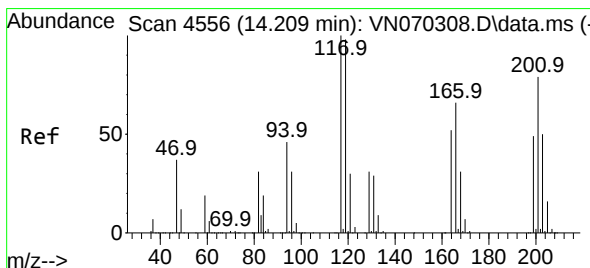
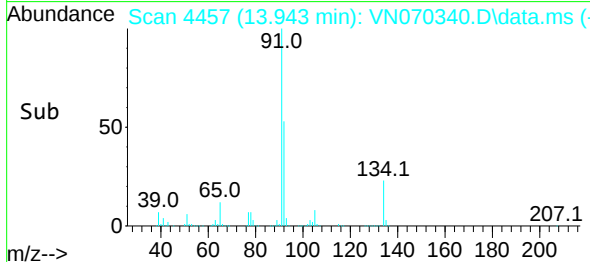
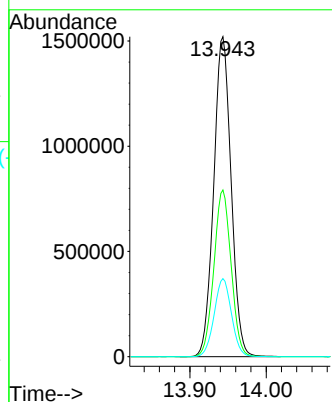


#89  
n-Butylbenzene  
Concen: 57.249 ug/l  
RT: 13.943 min Scan# 4457  
Delta R.T. 0.003 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

Instrument :  
MSVOA\_N  
ClientSampleId :

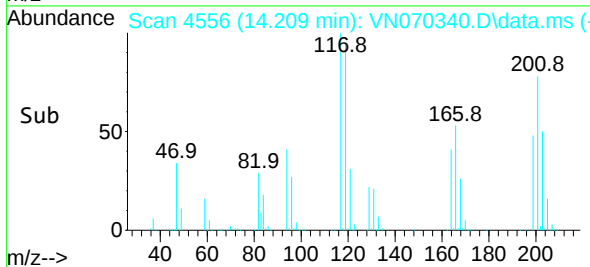
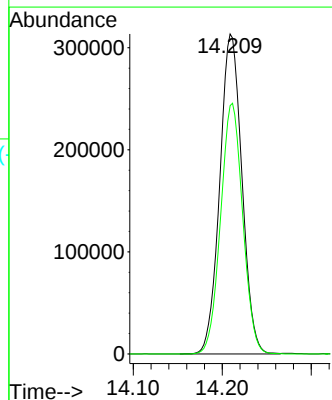
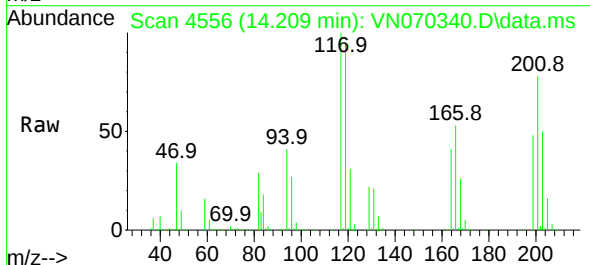


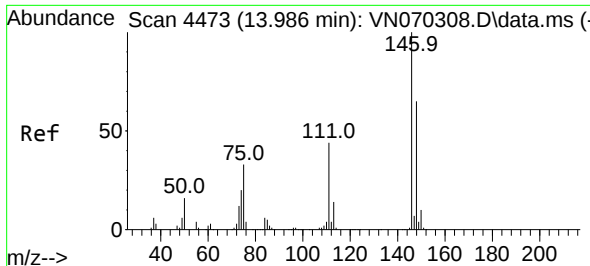
Tgt Ion: 91 Resp: 2409050  
Ion Ratio Lower Upper  
91 100  
92 51.7 25.4 76.0  
134 24.4 13.6 40.8



#90  
Hexachloroethane  
Concen: 61.862 ug/l  
RT: 14.209 min Scan# 4556  
Delta R.T. -0.000 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

Tgt Ion: 117 Resp: 542181  
Ion Ratio Lower Upper  
117 100  
201 78.2 43.9 131.6

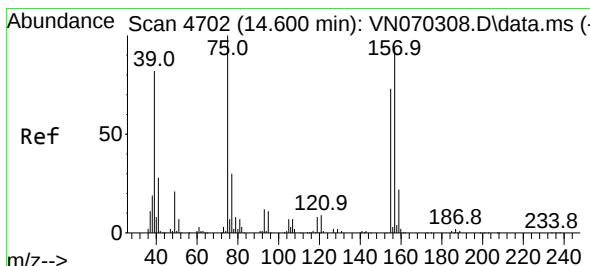
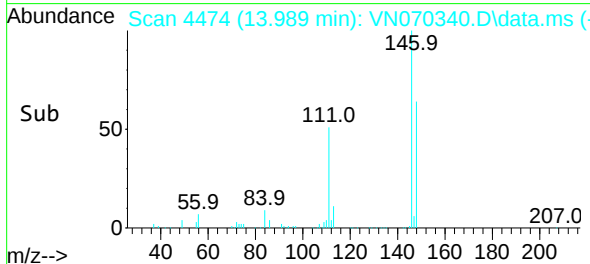
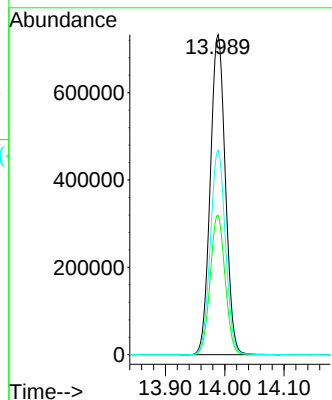
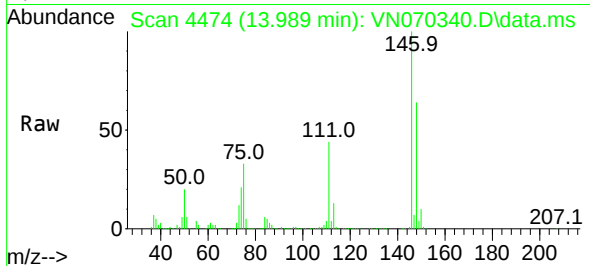




#91  
1,2-Dichlorobenzene  
Concen: 51.042 ug/l  
RT: 13.989 min Scan# 4474  
Delta R.T. 0.003 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

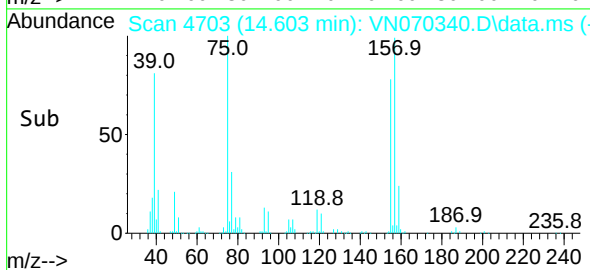
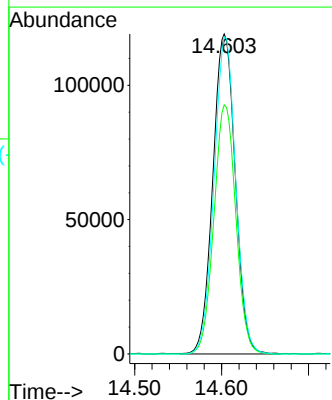
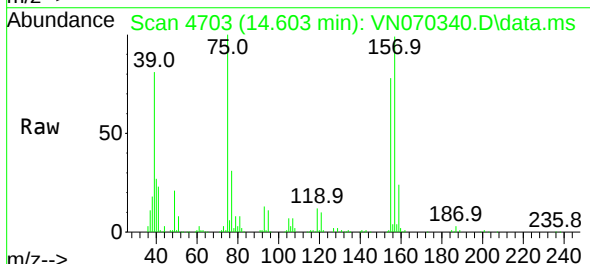
Instrument :  
MSVOA\_N  
ClientSampleId :

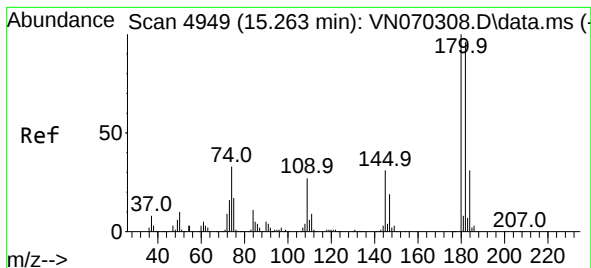
Tgt Ion:146 Resp: 1289231  
Ion Ratio Lower Upper  
146 100  
111 43.3 19.1 57.3  
148 64.1 32.1 96.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 55.069 ug/l  
RT: 14.603 min Scan# 4703  
Delta R.T. 0.003 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

Tgt Ion: 75 Resp: 213861  
Ion Ratio Lower Upper  
75 100  
155 76.0 46.9 140.7  
157 96.0 60.6 181.7





#93

1,2,4-Trichlorobenzene

Concen: 56.135 ug/l

RT: 15.263 min Scan# 4949

Delta R.T. -0.000 min

Lab File: VN070340.D

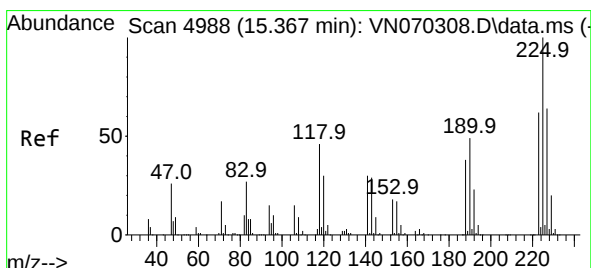
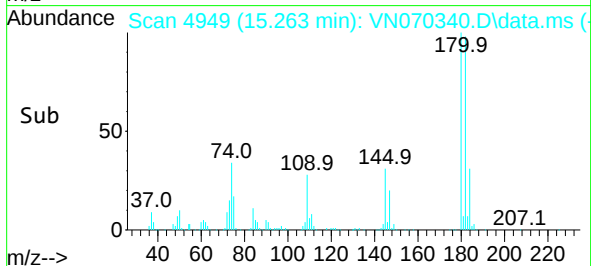
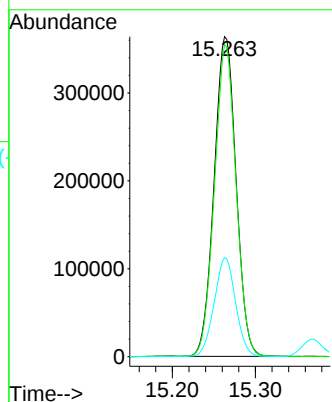
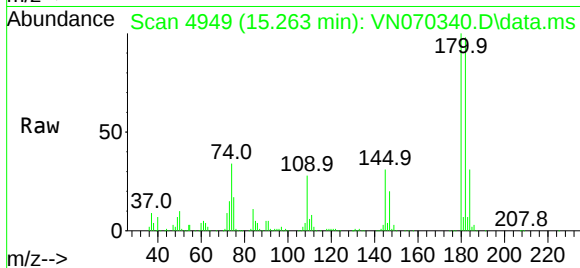
Acq: 29 Dec 2021 10:36

Instrument :

MSVOA\_N

ClientSampleId :

|             |                 |
|-------------|-----------------|
| Tgt Ion:180 | Resp: 668086    |
| Ion Ratio   | Lower Upper     |
| 180         | 100             |
| 182         | 95.8 48.3 144.9 |
| 145         | 30.3 14.5 43.5  |



#94

Hexachlorobutadiene

Concen: 55.301 ug/l

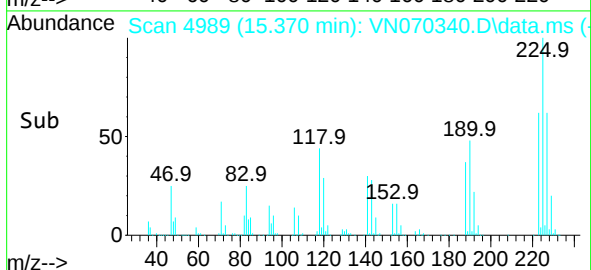
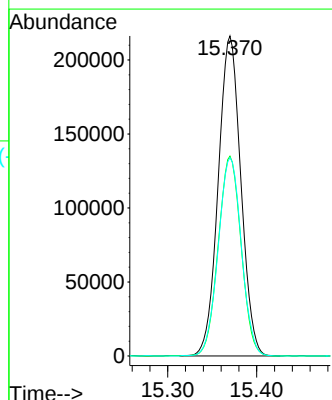
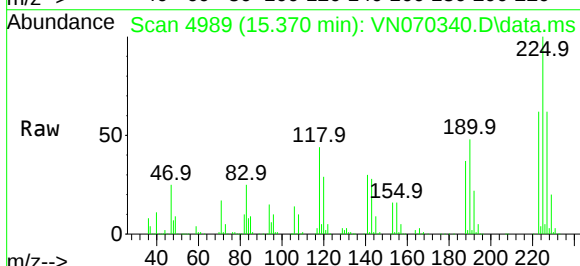
RT: 15.370 min Scan# 4989

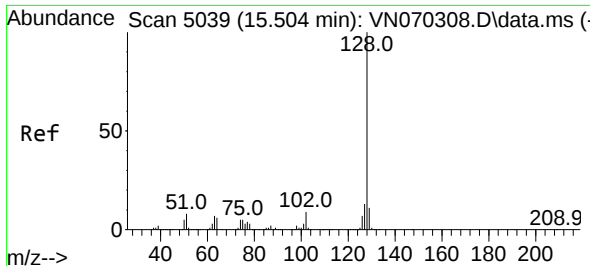
Delta R.T. 0.003 min

Lab File: VN070340.D

Acq: 29 Dec 2021 10:36

|             |                |
|-------------|----------------|
| Tgt Ion:225 | Resp: 382504   |
| Ion Ratio   | Lower Upper    |
| 225         | 100            |
| 223         | 63.1 31.9 95.7 |
| 227         | 63.4 32.1 96.3 |

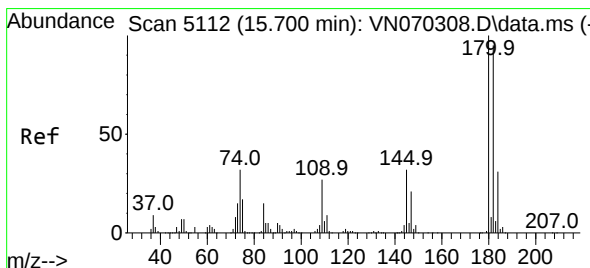
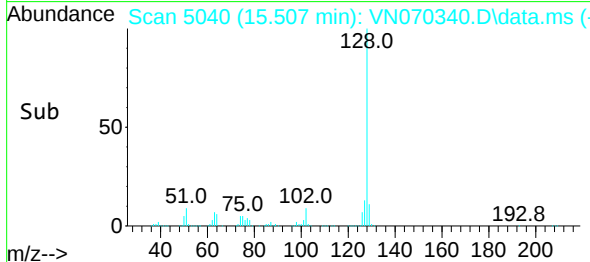
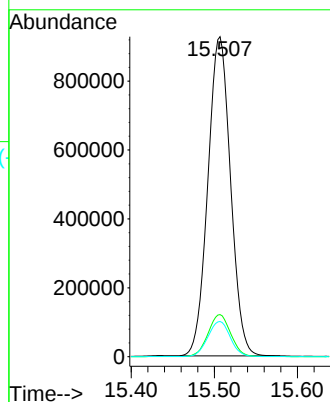
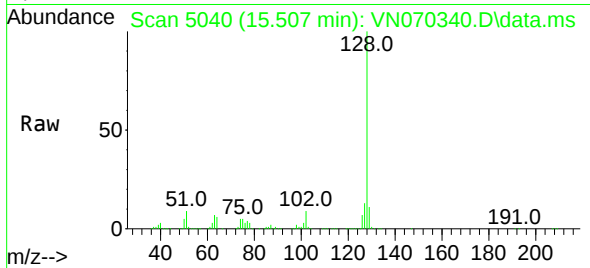




#95  
Naphthalene  
Concen: 53.342 ug/l  
RT: 15.507 min Scan# 5039  
Delta R.T. 0.003 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:128 Resp: 1758619  
Ion Ratio Lower Upper  
128 100  
127 13.1 10.5 15.7  
129 10.9 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 55.425 ug/l  
RT: 15.700 min Scan# 5112  
Delta R.T. -0.000 min  
Lab File: VN070340.D  
Acq: 29 Dec 2021 10:36

Tgt Ion:180 Resp: 631992  
Ion Ratio Lower Upper  
180 100  
182 95.4 47.4 142.2  
145 32.7 15.0 45.1

