

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN120721\  
 Data File : VN069831.D  
 Acq On : 7 Dec 2021 23:27  
 Operator : JC/MD  
 Sample : VN1207WBS02  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1207WBS02

Quant Time: Dec 08 04:41:55 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N120221W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Dec 03 08:46:47 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| -----                      |        |      |          |       |       |          |
| Internal Standards         |        |      |          |       |       |          |
| 1) Pentafluorobenzene      | 8.086  | 168  | 1159631  | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.968  | 114  | 1902324  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.744 | 117  | 1718629  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.675 | 152  | 665925   | 50.00 | ug/l  | 0.00     |

|                             |        |       |          |          |           |      |
|-----------------------------|--------|-------|----------|----------|-----------|------|
| System Monitoring Compounds |        |       |          |          |           |      |
| 33) 1,2-Dichloroethane-d4   | 8.437  | 65    | 915537   | 51.13    | ug/l      | 0.00 |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | = 102.26% |      |
| 35) Dibromofluoromethane    | 8.021  | 113   | 628858   | 52.78    | ug/l      | 0.00 |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | = 105.56% |      |
| 50) Toluene-d8              | 10.440 | 98    | 2493776  | 52.12    | ug/l      | 0.00 |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | = 104.24% |      |
| 62) 4-Bromofluorobenzene    | 12.731 | 95    | 837648   | 48.33    | ug/l      | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | = 96.66%  |      |

|                              |       |     |         |        |           |
|------------------------------|-------|-----|---------|--------|-----------|
| Target Compounds             |       |     |         |        | Qvalue    |
| 2) Dichlorodifluoromethane   | 2.075 | 85  | 258850  | 19.14  | ug/l 99   |
| 3) Chloromethane             | 2.306 | 50  | 312940  | 18.47  | ug/l 100  |
| 4) Vinyl Chloride            | 2.451 | 62  | 290298  | 18.63  | ug/l 96   |
| 5) Bromomethane              | 2.864 | 94  | 172747  | 20.41  | ug/l 98   |
| 6) Chloroethane              | 3.027 | 64  | 181415  | 19.00  | ug/l 98   |
| 7) Trichlorofluoromethane    | 3.381 | 101 | 386592  | 18.91  | ug/l 99   |
| 8) Diethyl Ether             | 3.827 | 74  | 150636  | 19.13  | ug/l 81   |
| 9) 1,1,2-Trichlorotrifluo... | 4.210 | 101 | 224795  | 19.61  | ug/l 95   |
| 10) Methyl Iodide            | 4.422 | 142 | 280690  | 17.92  | ug/l 97   |
| 11) Tert butyl alcohol       | 5.374 | 59  | 241511  | 71.36  | ug/l 98   |
| 12) 1,1-Dichloroethene       | 4.183 | 96  | 209757  | 18.99  | ug/l 91   |
| 13) Acrolein                 | 4.044 | 56  | 303906  | 105.44 | ug/l 97   |
| 14) Allyl chloride           | 4.843 | 41  | 453697  | 18.23  | ug/l 94   |
| 15) Acrylonitrile            | 5.557 | 53  | 784329  | 86.00  | ug/l 100  |
| 16) Acetone                  | 4.288 | 43  | 729296  | 67.71  | ug/l 96   |
| 17) Carbon Disulfide         | 4.532 | 76  | 515275  | 18.06  | ug/l 100  |
| 18) Methyl Acetate           | 4.859 | 43  | 549481  | 16.90  | ug/l 92   |
| 19) Methyl tert-butyl Ether  | 5.618 | 73  | 807393  | 18.80  | ug/l 96   |
| 20) Methylene Chloride       | 5.095 | 84  | 261244  | 18.25  | ug/l 86   |
| 21) trans-1,2-Dichloroethene | 5.599 | 96  | 224459  | 18.71  | ug/l 89   |
| 22) Diisopropyl ether        | 6.495 | 45  | 964472  | 19.82  | ug/l # 96 |
| 23) Vinyl Acetate            | 6.436 | 43  | 3829764 | 96.76  | ug/l 95   |
| 24) 1,1-Dichloroethane       | 6.388 | 63  | 487388  | 19.34  | ug/l 99   |
| 25) 2-Butanone               | 7.337 | 43  | 1117713 | 76.38  | ug/l 90   |
| 26) 2,2-Dichloropropane      | 7.327 | 77  | 343106  | 17.51  | ug/l 96   |
| 27) cis-1,2-Dichloroethene   | 7.327 | 96  | 272629  | 18.81  | ug/l 86   |
| 28) Bromochloromethane       | 7.657 | 49  | 227921  | 17.39  | ug/l # 76 |
| 29) Tetrahydrofuran          | 7.686 | 42  | 749437  | 84.34  | ug/l 88   |
| 30) Chloroform               | 7.820 | 83  | 494273  | 19.42  | ug/l 98   |
| 31) Cyclohexane              | 8.094 | 56  | 479583  | 19.25  | ug/l 89   |
| 32) 1,1,1-Trichloroethane    | 8.016 | 97  | 413791  | 19.09  | ug/l 95   |
| 36) 1,1-Dichloropropene      | 8.222 | 75  | 355208  | 19.61  | ug/l 95   |
| 37) Ethyl Acetate            | 7.415 | 43  | 466433  | 17.30  | ug/l # 94 |
| 38) Carbon Tetrachloride     | 8.206 | 117 | 342701  | 19.30  | ug/l 96   |
| 39) Methylcyclohexane        | 9.459 | 83  | 409367  | 19.00  | ug/l 90   |
| 40) Benzene                  | 8.458 | 78  | 1077115 | 19.46  | ug/l 97   |

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 Sample : VN1207WBS02  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1207WBS02

Quant Time: Dec 08 04:41:55 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N120221W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Dec 03 08:46:47 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.638  | 41   | 240713   | 19.02  | ug/l # | 86       |
| 42) 1,2-Dichloroethane        | 8.531  | 62   | 430445   | 19.26  | ug/l   | 97       |
| 43) Isopropyl Acetate         | 8.560  | 43   | 727659   | 18.24  | ug/l # | 94       |
| 44) Trichloroethene           | 9.215  | 130  | 255264   | 19.32  | ug/l   | 89       |
| 45) 1,2-Dichloropropane       | 9.488  | 63   | 288052   | 19.38  | ug/l   | 100      |
| 46) Dibromomethane            | 9.577  | 93   | 189186   | 19.41  | ug/l   | 92       |
| 47) Bromodichloromethane      | 9.762  | 83   | 362518   | 19.64  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.561  | 41   | 335939   | 18.05  | ug/l   | 88       |
| 49) 1,4-Dioxane               | 9.566  | 88   | 96441    | 288.75 | ug/l # | 87       |
| 51) 4-Methyl-2-Pentanone      | 10.330 | 43   | 2325786  | 89.88  | ug/l   | 95       |
| 52) Toluene                   | 10.505 | 92   | 660023   | 19.53  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.719 | 75   | 365352   | 18.33  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.188 | 75   | 404199   | 18.65  | ug/l # | 89       |
| 55) 1,1,2-Trichloroethane     | 10.896 | 97   | 261507   | 19.18  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.760 | 69   | 426284   | 18.09  | ug/l # | 88       |
| 57) 1,3-Dichloropropane       | 11.044 | 76   | 468846   | 19.53  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.041 | 63   | 387797   | 70.10  | ug/l   | 91       |
| 59) 2-Hexanone                | 11.084 | 43   | 1577334  | 80.58  | ug/l   | 92       |
| 60) Dibromochloromethane      | 11.237 | 129  | 247212   | 18.49  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.344 | 107  | 262271   | 18.57  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.980 | 164  | 237871   | 20.41  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.768 | 112  | 694862   | 19.93  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.840 | 131  | 247580   | 20.17  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.843 | 91   | 1274498  | 20.12  | ug/l   | 96       |
| 68) m/p-Xylenes               | 11.953 | 106  | 923332   | 40.04  | ug/l   | 93       |
| 69) o-Xylene                  | 12.280 | 106  | 459985   | 19.80  | ug/l   | 92       |
| 70) Styrene                   | 12.294 | 104  | 722259   | 19.61  | ug/l   | 95       |
| 71) Bromoform                 | 12.457 | 173  | 170380   | 18.08  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.578 | 105  | 1197578  | 20.21  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.388 | 43   | 454225   | 17.34  | ug/l   | 94       |
| 75) 1,1,2,2-Tetrachloroethane | 12.827 | 83   | 391816   | 19.12  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.878 | 75   | 467381   | 24.47  | ug/l   | 76       |
| 77) Bromobenzene              | 12.860 | 156  | 273548   | 19.66  | ug/l   | 79       |
| 78) n-propylbenzene           | 12.919 | 91   | 1316829  | 19.97  | ug/l   | 96       |
| 79) 2-Chlorotoluene           | 13.007 | 91   | 830636   | 19.94  | ug/l   | 94       |
| 80) 1,3,5-Trimethylbenzene    | 13.058 | 105  | 974708   | 20.44  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 12.624 | 75   | 83432    | 17.20  | ug/l   | 85       |
| 82) 4-Chlorotoluene           | 13.104 | 91   | 779739   | 19.90  | ug/l   | 92       |
| 83) tert-Butylbenzene         | 13.324 | 119  | 839590   | 19.88  | ug/l   | 92       |
| 84) 1,2,4-Trimethylbenzene    | 13.366 | 105  | 936393   | 20.62  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.501 | 105  | 1131138  | 19.75  | ug/l   | 97       |
| 86) p-Isopropyltoluene        | 13.616 | 119  | 889380   | 19.87  | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene       | 13.616 | 146  | 442108   | 19.34  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.694 | 146  | 426977   | 19.00  | ug/l   | 97       |
| 89) n-Butylbenzene            | 13.940 | 91   | 658868   | 18.14  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.209 | 117  | 153178   | 19.49  | ug/l   | 88       |
| 91) 1,2-Dichlorobenzene       | 13.989 | 146  | 434180   | 19.49  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.603 | 75   | 63360    | 17.11  | ug/l   | 77       |
| 93) 1,2,4-Trichlorobenzene    | 15.265 | 180  | 168066   | 17.38  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.370 | 225  | 111553   | 18.90  | ug/l   | 99       |
| 95) Naphthalene               | 15.507 | 128  | 418466   | 15.82  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.700 | 180  | 164010   | 17.09  | ug/l   | 98       |

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Operator : JC/MD  
Sample : VN1207WBS02  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 33 Sample Multiplier: 1

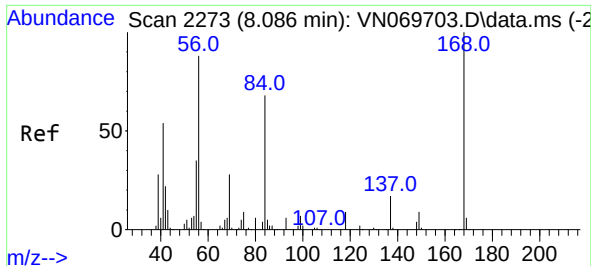
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1207WBS02

Quant Time: Dec 08 04:41:55 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N120221W.M  
Quant Title : SW846 8260  
QLast Update : Fri Dec 03 08:46:47 2021  
Response via : Initial Calibration

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

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

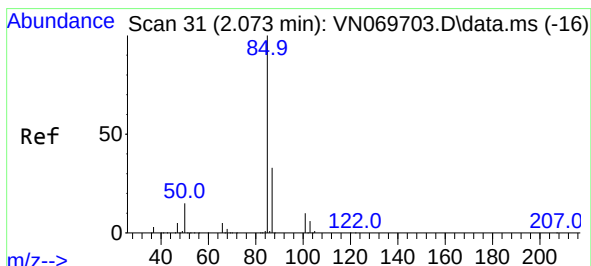
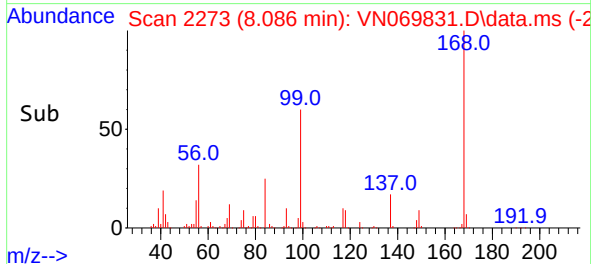
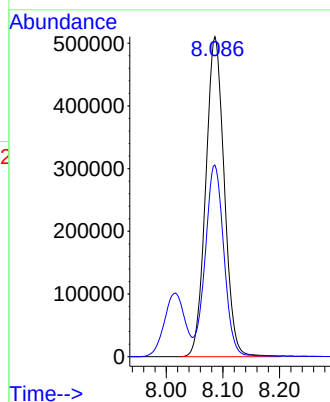
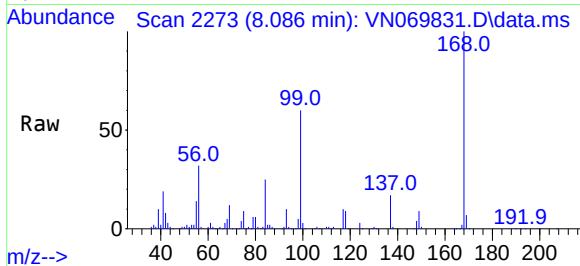




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 8.086 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

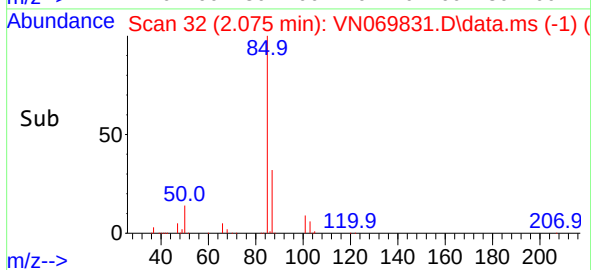
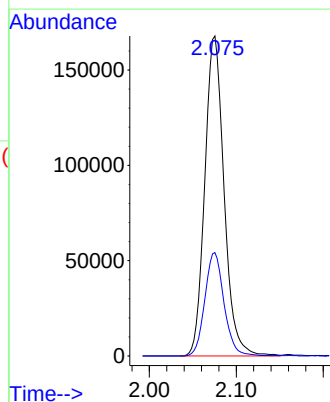
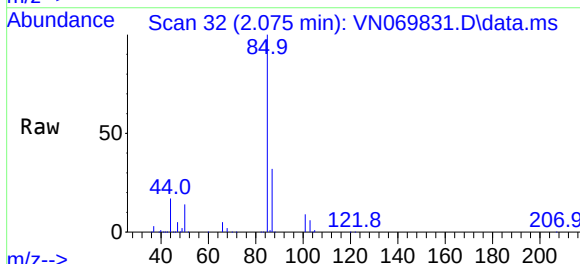
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1207WBS02

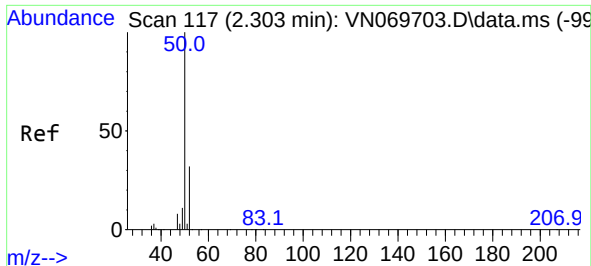
Tgt Ion:168 Resp: 1159631  
Ion Ratio Lower Upper  
168 100  
99 59.7 41.3 61.9



#2  
Dichlorodifluoromethane  
Concen: 19.14 ug/l  
RT: 2.075 min Scan# 32  
Delta R.T. 0.003 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

Tgt Ion: 85 Resp: 258850  
Ion Ratio Lower Upper  
85 100  
87 32.3 16.3 48.9

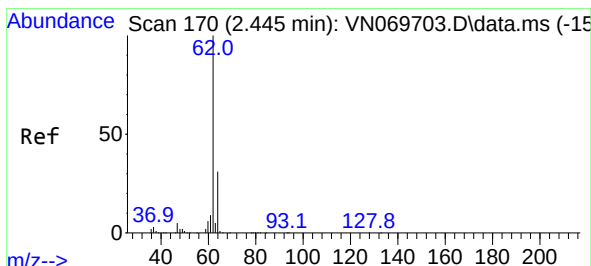
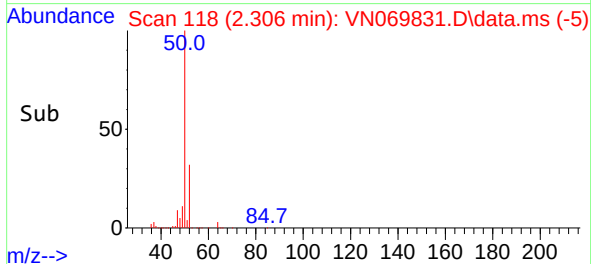
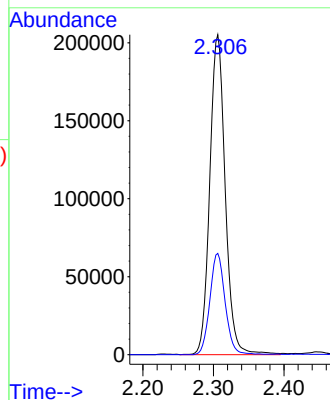
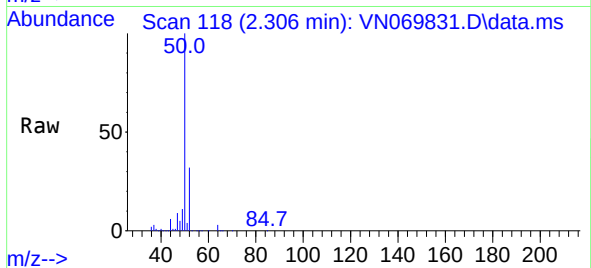




#3  
Chloromethane  
Concen: 18.47 ug/l  
RT: 2.306 min Scan# 117  
Delta R.T. 0.003 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

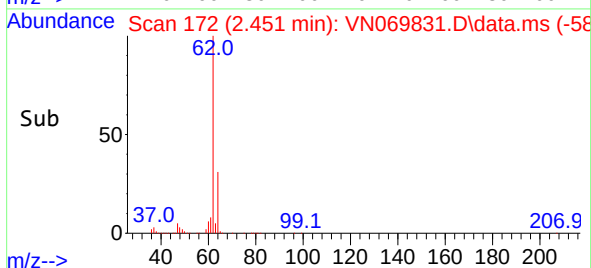
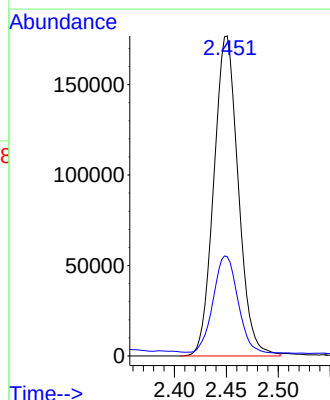
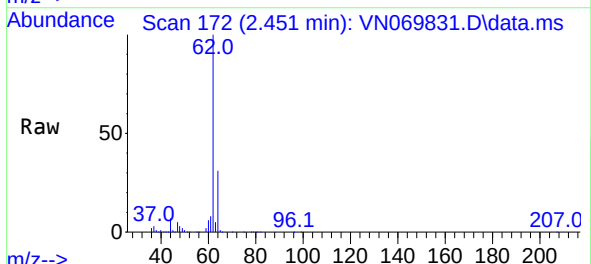
Instrument :  
MSVOA\_N  
ClientSampleId :  
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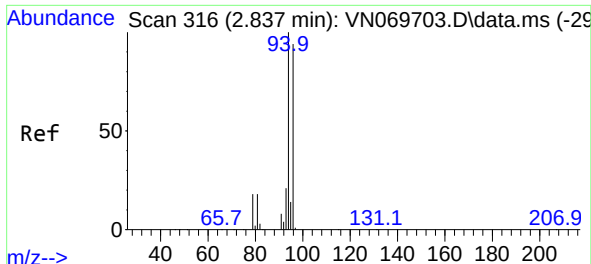
Tgt Ion: 50 Resp: 312940  
Ion Ratio Lower Upper  
50 100  
52 31.7 25.4 38.0



#4  
Vinyl Chloride  
Concen: 18.63 ug/l  
RT: 2.451 min Scan# 172  
Delta R.T. 0.006 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

Tgt Ion: 62 Resp: 290298  
Ion Ratio Lower Upper  
62 100  
64 30.0 25.8 38.6

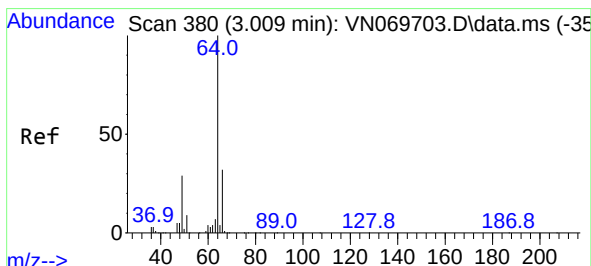
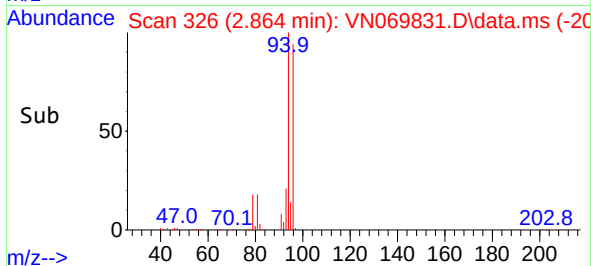
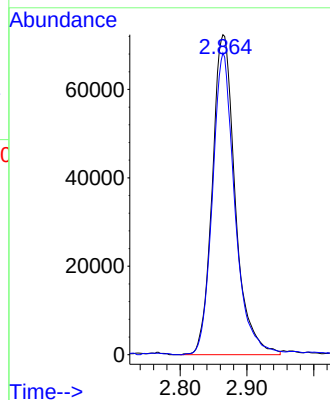
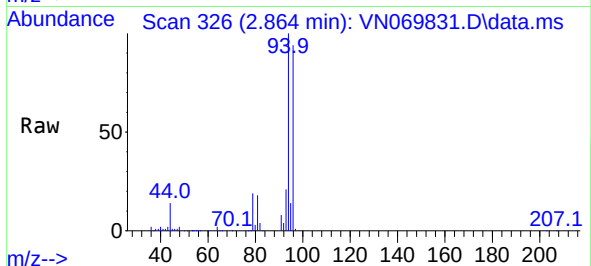




#5  
Bromomethane  
Concen: 20.41 ug/l  
RT: 2.864 min Scan# 316  
Delta R.T. 0.027 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

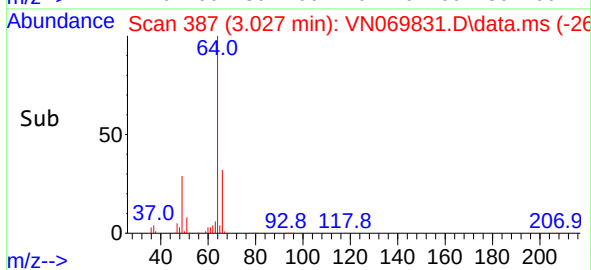
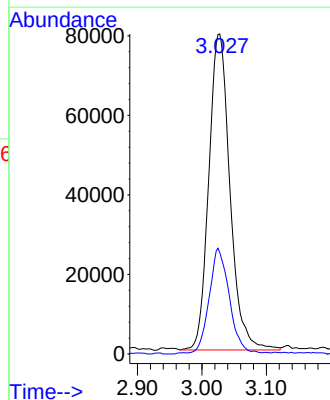
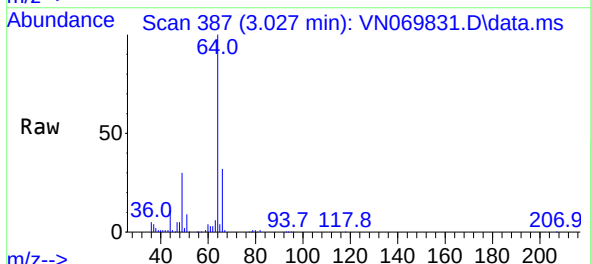
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1207WBS02

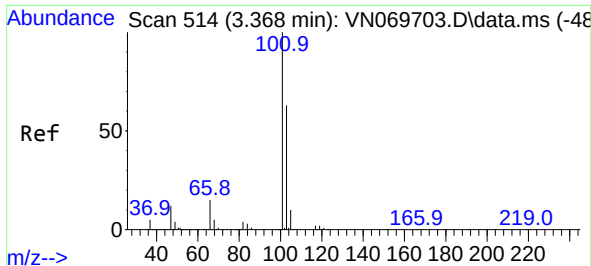
Tgt Ion: 94 Resp: 172747  
Ion Ratio Lower Upper  
94 100  
96 94.3 73.8 110.8



#6  
Chloroethane  
Concen: 19.00 ug/l  
RT: 3.027 min Scan# 387  
Delta R.T. 0.019 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

Tgt Ion: 64 Resp: 181415  
Ion Ratio Lower Upper  
64 100  
66 31.8 26.3 39.5

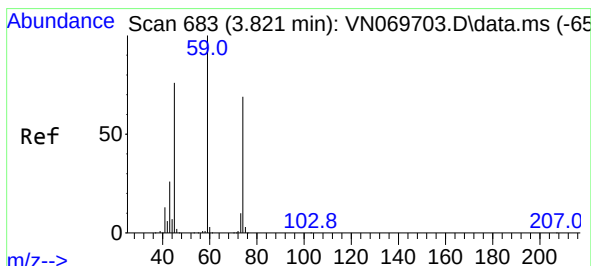
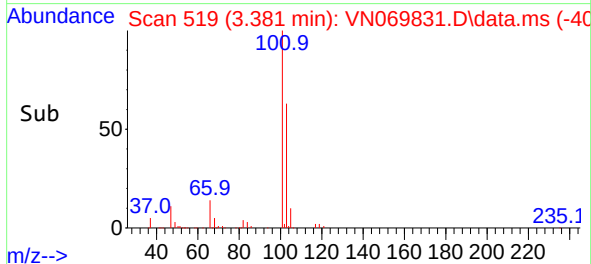
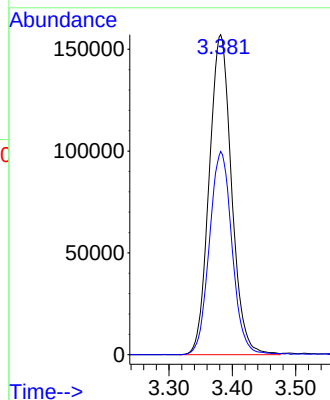
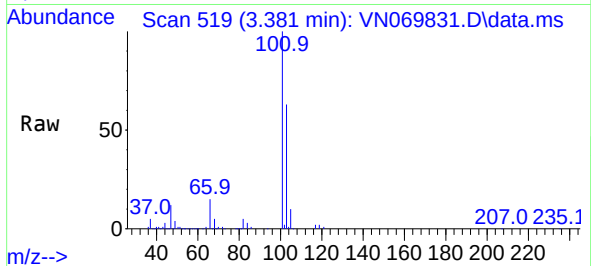




#7  
 Trichlorofluoromethane  
 Concen: 18.91 ug/l  
 RT: 3.381 min Scan# 51  
 Delta R.T. 0.014 min  
 Lab File: VN069831.D  
 Acq: 7 Dec 2021 23:27

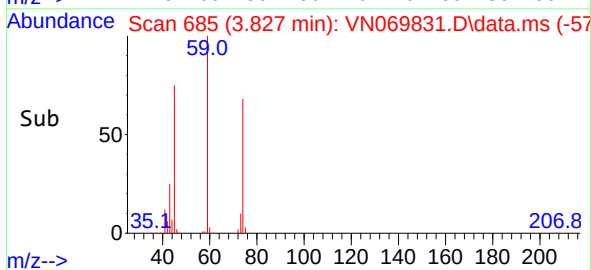
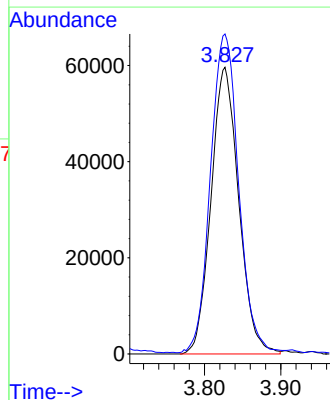
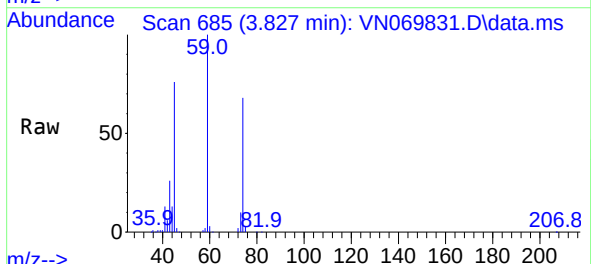
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1207WBS02

Tgt Ion:101 Resp: 386592  
 Ion Ratio Lower Upper  
 101 100  
 103 63.5 50.1 75.1

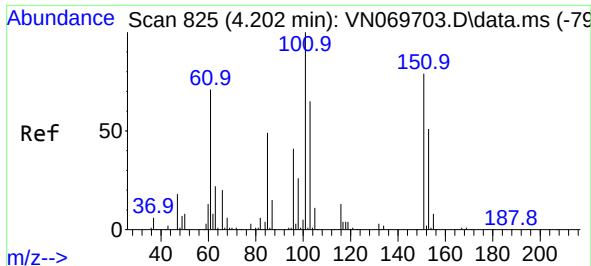


#8  
 Diethyl Ether  
 Concen: 19.13 ug/l  
 RT: 3.827 min Scan# 685  
 Delta R.T. 0.006 min  
 Lab File: VN069831.D  
 Acq: 7 Dec 2021 23:27

Tgt Ion: 74 Resp: 150636  
 Ion Ratio Lower Upper  
 74 100  
 45 112.6 47.0 141.2



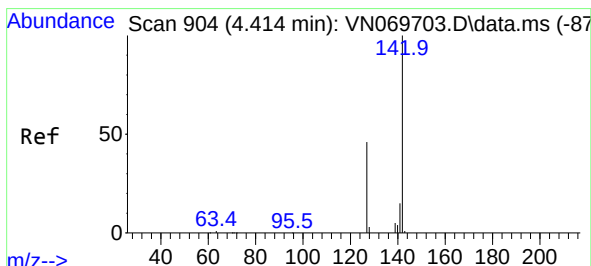
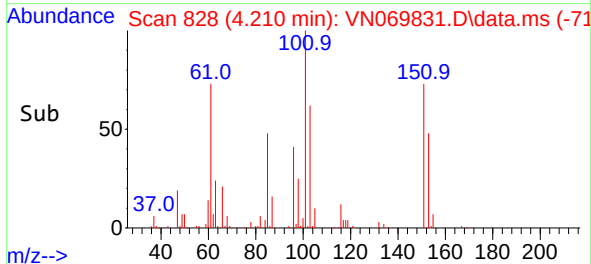
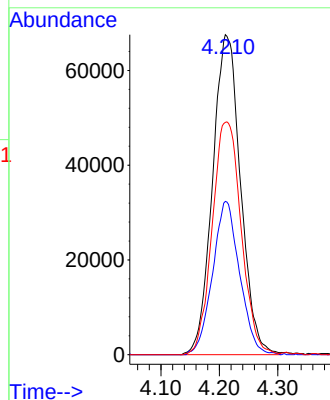
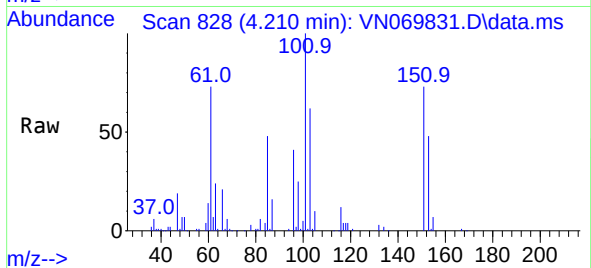




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.61 ug/l  
RT: 4.210 min Scan# 81  
Delta R.T. 0.008 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

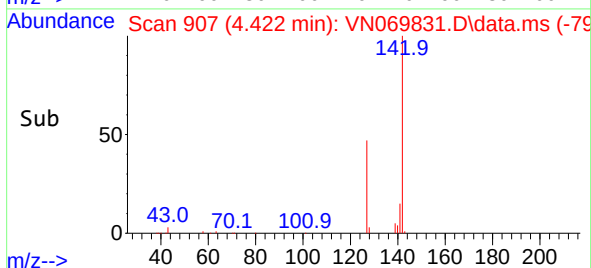
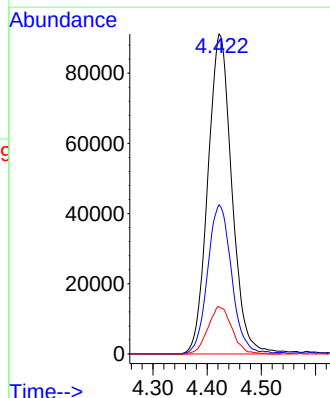
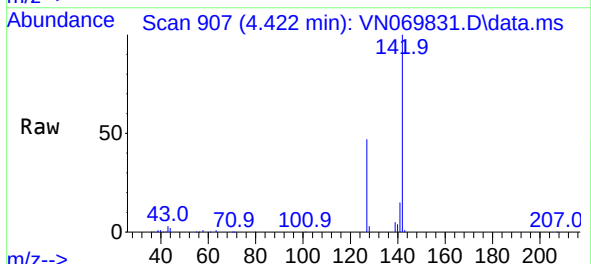
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1207WBS02

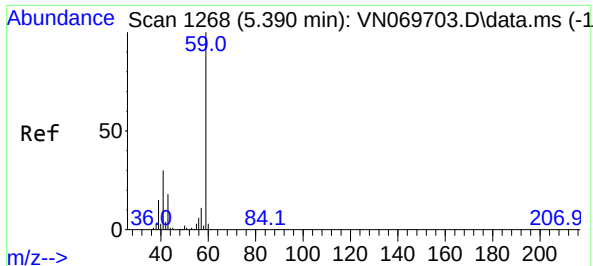
Tgt Ion:101 Resp: 224795  
Ion Ratio Lower Upper  
101 100  
85 46.3 37.2 55.8  
151 75.3 65.9 98.9



#10  
Methyl Iodide  
Concen: 17.92 ug/l  
RT: 4.422 min Scan# 907  
Delta R.T. 0.008 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

Tgt Ion:142 Resp: 280690  
Ion Ratio Lower Upper  
142 100  
127 46.4 35.4 53.0  
141 14.7 11.6 17.4

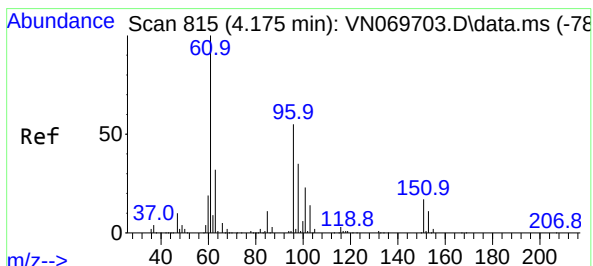
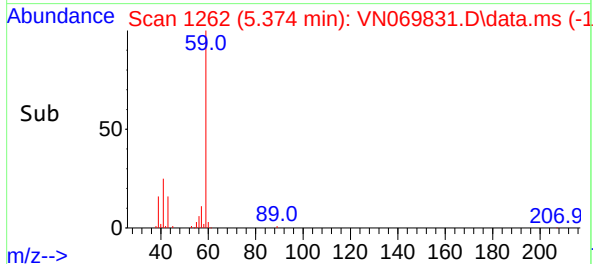
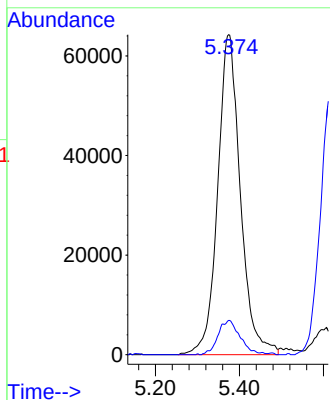
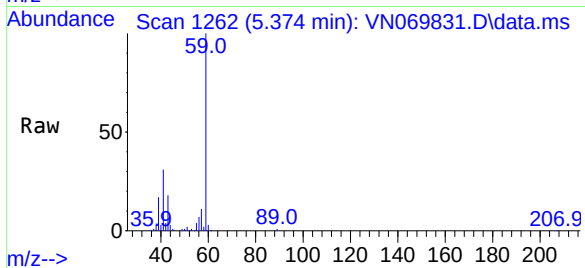




#11  
Tert butyl alcohol  
Concen: 71.36 ug/l  
RT: 5.374 min Scan# 11  
Delta R.T. -0.016 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

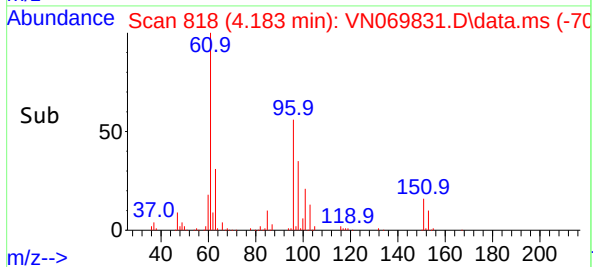
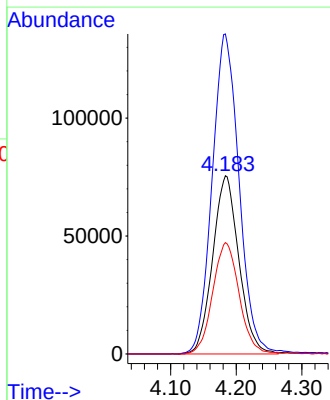
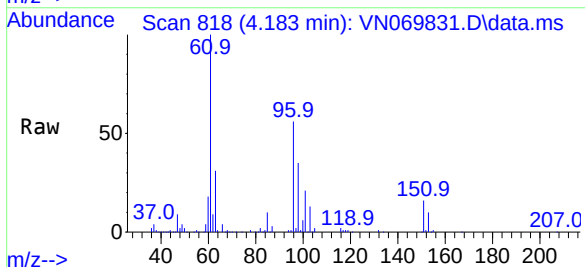
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1207WBS02

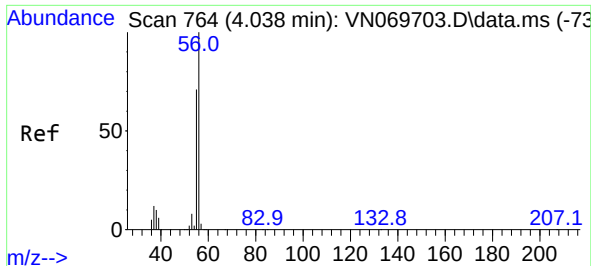
Tgt Ion: 59 Resp: 241511  
Ion Ratio Lower Upper  
59 100  
57 10.3 8.7 13.1



#12  
1,1-Dichloroethene  
Concen: 18.99 ug/l  
RT: 4.183 min Scan# 818  
Delta R.T. 0.008 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

Tgt Ion: 96 Resp: 209757  
Ion Ratio Lower Upper  
96 100  
61 179.5 131.0 196.6  
98 62.5 52.4 78.6

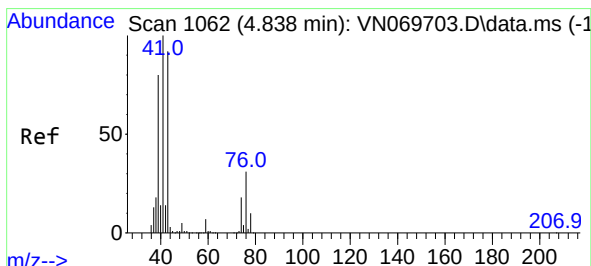
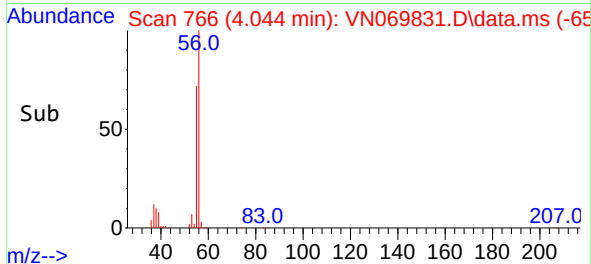
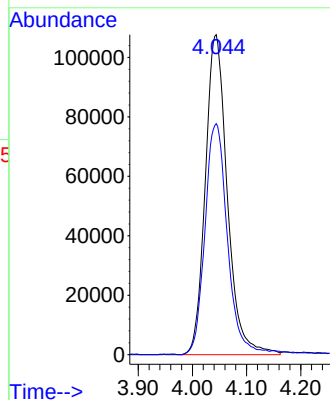
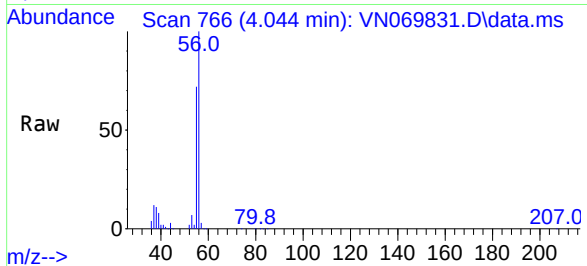




#13  
Acrolein  
Concen: 105.44 ug/l  
RT: 4.044 min Scan# 764  
Delta R.T. 0.006 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

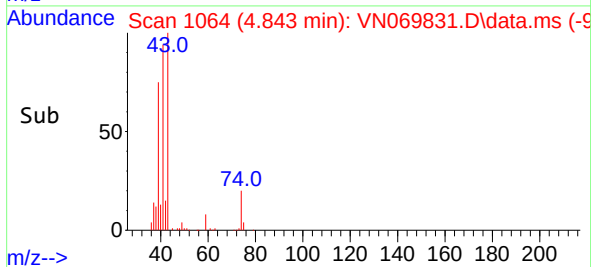
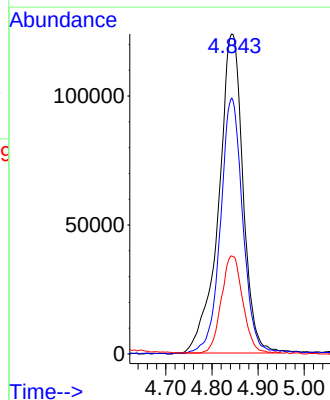
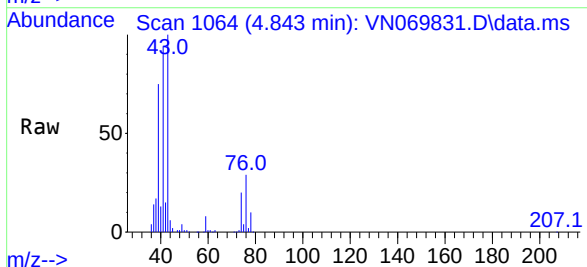
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1207WBS02

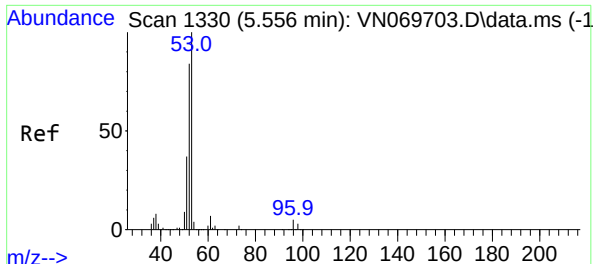
Tgt Ion: 56 Resp: 303906  
Ion Ratio Lower Upper  
56 100  
55 73.5 56.6 85.0



#14  
Allyl chloride  
Concen: 18.23 ug/l  
RT: 4.843 min Scan# 1064  
Delta R.T. 0.006 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

Tgt Ion: 41 Resp: 453697  
Ion Ratio Lower Upper  
41 100  
39 72.9 61.2 91.8  
76 26.7 26.0 39.0

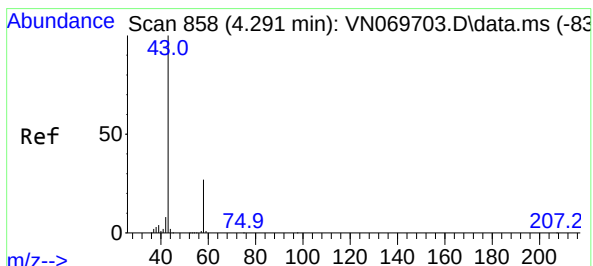
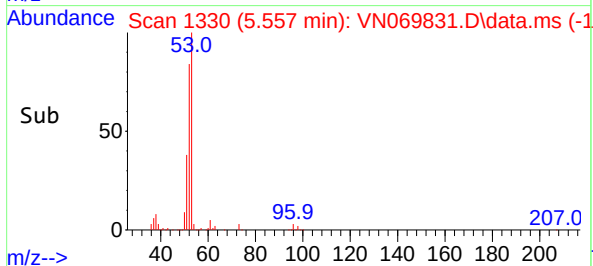
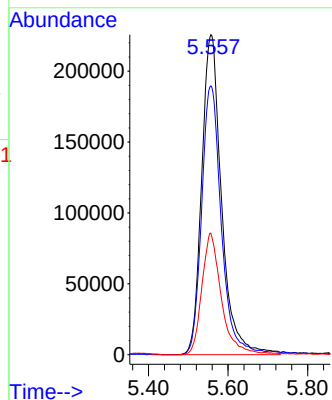
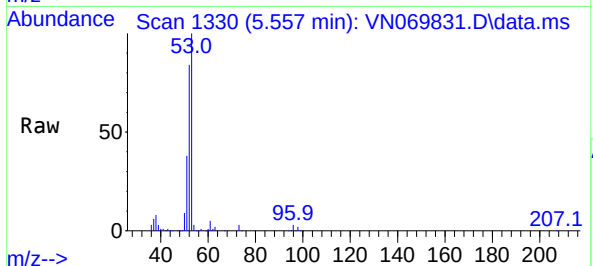




#15  
Acrylonitrile  
Concen: 86.00 ug/l  
RT: 5.557 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

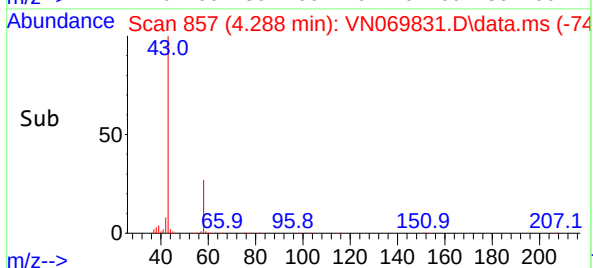
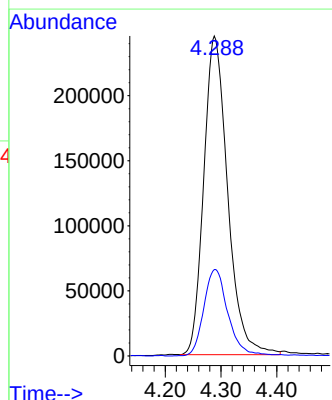
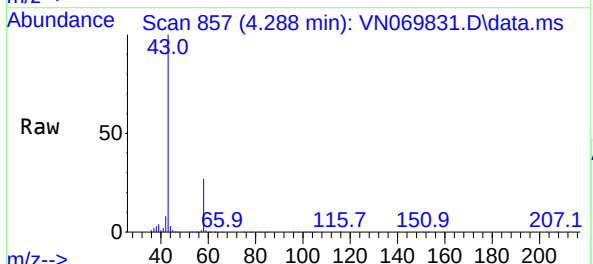
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1207WBS02

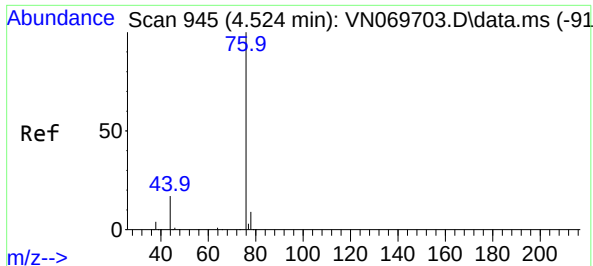
Tgt Ion: 53 Resp: 784329  
Ion Ratio Lower Upper  
53 100  
52 82.5 66.2 99.2  
51 37.1 29.6 44.4



#16  
Acetone  
Concen: 67.71 ug/l  
RT: 4.288 min Scan# 857  
Delta R.T. -0.003 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

Tgt Ion: 43 Resp: 729296  
Ion Ratio Lower Upper  
43 100  
58 27.0 23.1 34.7

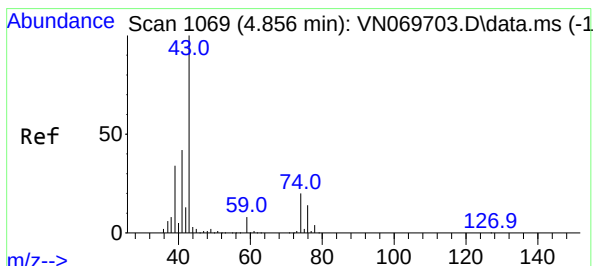
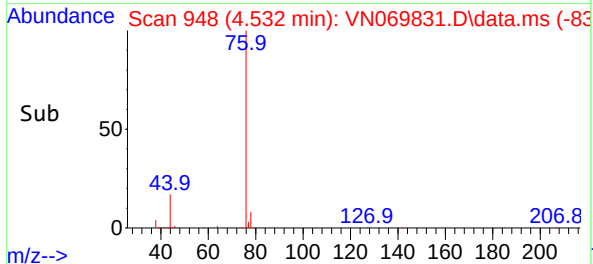
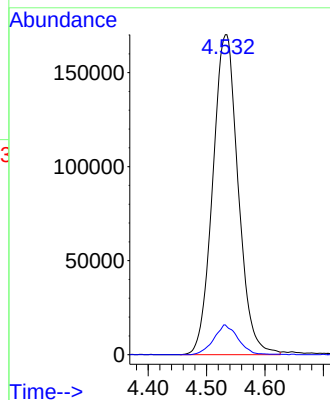
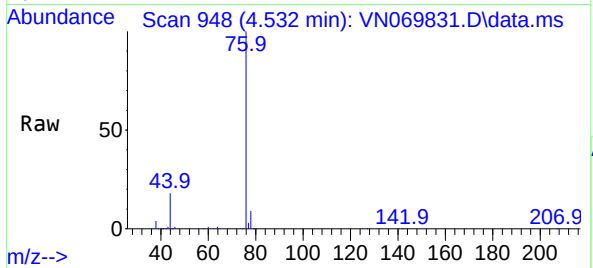




#17  
Carbon Disulfide  
Concen: 18.06 ug/l  
RT: 4.532 min Scan# 94  
Delta R.T. 0.008 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

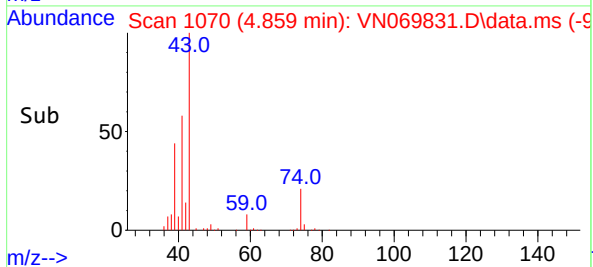
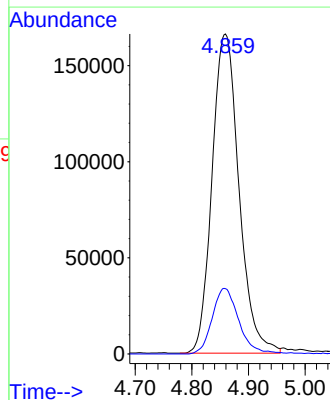
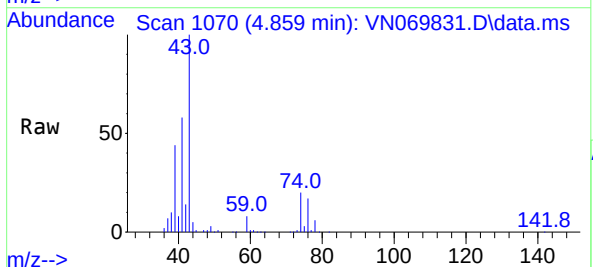
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1207WBS02

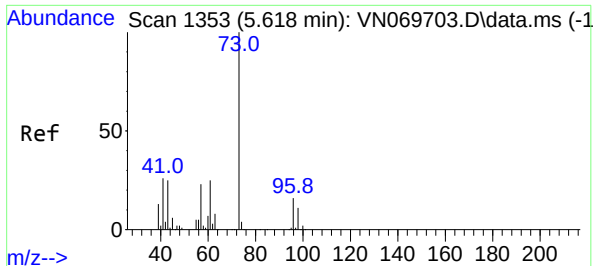
Tgt Ion: 76 Resp: 515275  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.5 11.3



#18  
Methyl Acetate  
Concen: 16.90 ug/l  
RT: 4.859 min Scan# 1070  
Delta R.T. 0.003 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

Tgt Ion: 43 Resp: 549481  
Ion Ratio Lower Upper  
43 100  
74 20.2 19.4 29.2

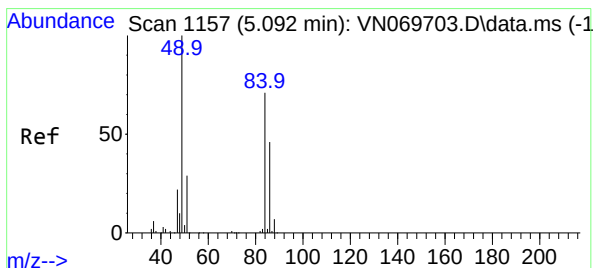
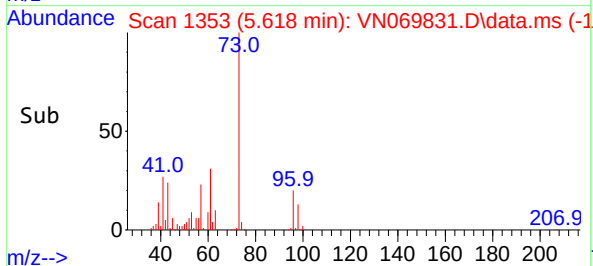
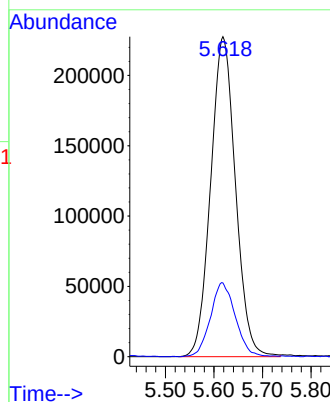
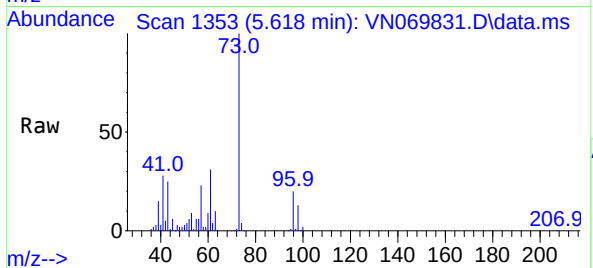




#19  
Methyl tert-butyl Ether  
Concen: 18.80 ug/l  
RT: 5.618 min Scan# 1157  
Delta R.T. 0.000 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

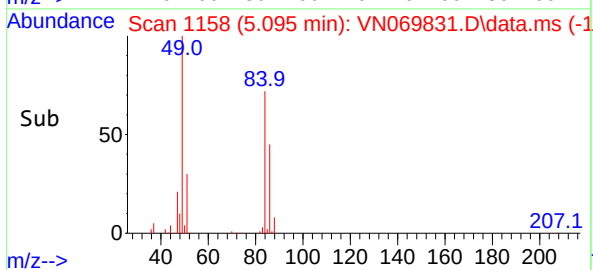
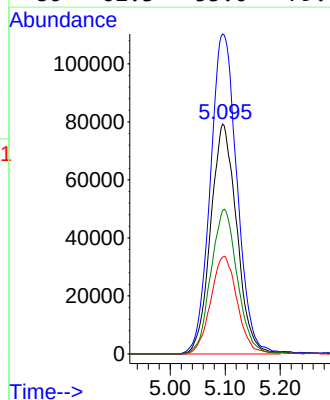
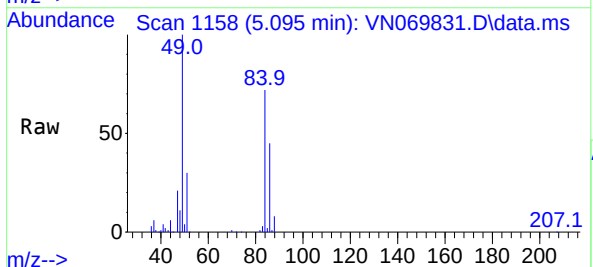
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1207WBS02

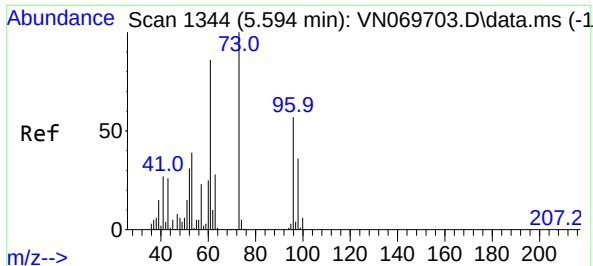
Tgt Ion: 73 Resp: 807393  
Ion Ratio Lower Upper  
73 100  
57 23.1 16.8 25.2



#20  
Methylene Chloride  
Concen: 18.25 ug/l  
RT: 5.095 min Scan# 1158  
Delta R.T. 0.003 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

Tgt Ion: 84 Resp: 261244  
Ion Ratio Lower Upper  
84 100  
49 139.2 93.5 140.3  
51 42.1 29.4 44.2  
86 62.3 53.0 79.4

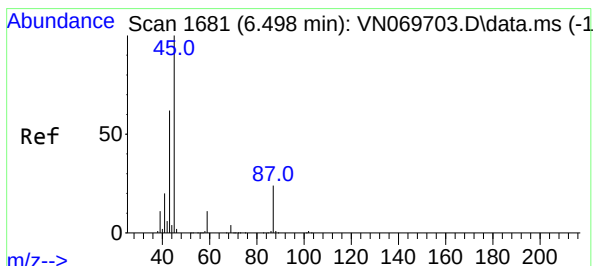
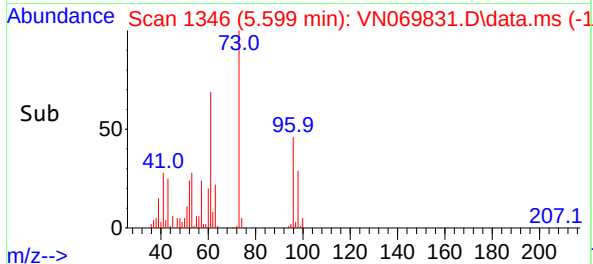
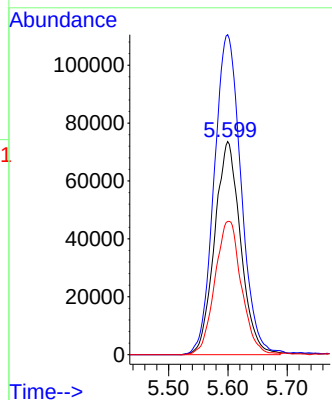
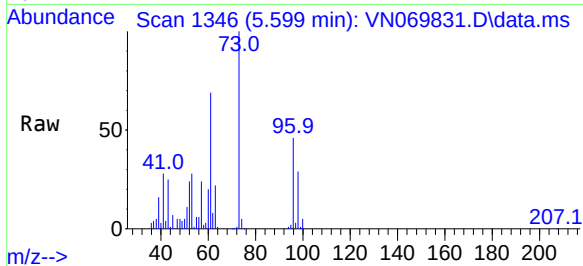




#21  
trans-1,2-Dichloroethene  
Concen: 18.71 ug/l  
RT: 5.599 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

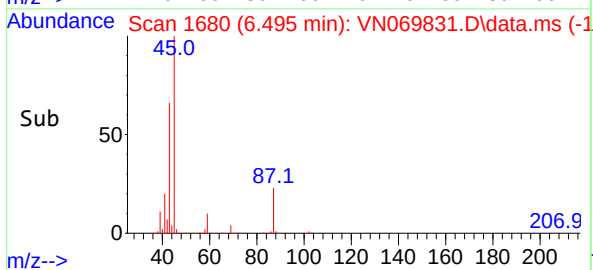
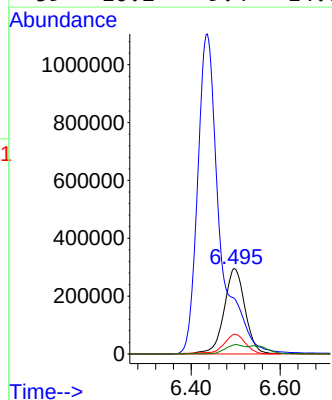
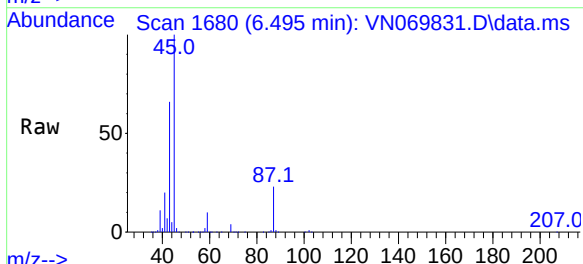
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1207WBS02

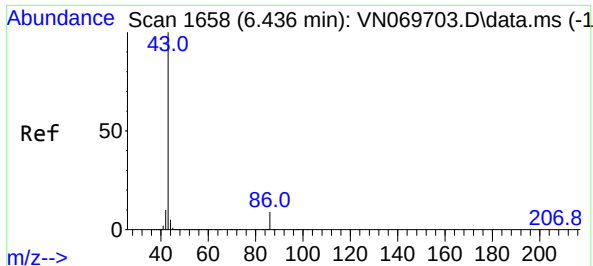
Tgt Ion: 96 Resp: 224459  
Ion Ratio Lower Upper  
96 100  
61 150.2 105.8 158.6  
98 62.5 52.0 78.0



#22  
Diisopropyl ether  
Concen: 19.82 ug/l  
RT: 6.495 min Scan# 1680  
Delta R.T. -0.003 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

Tgt Ion: 45 Resp: 964472  
Ion Ratio Lower Upper  
45 100  
43 64.1 51.7 77.5  
87 22.8 23.2 34.8#  
59 10.2 9.4 14.0

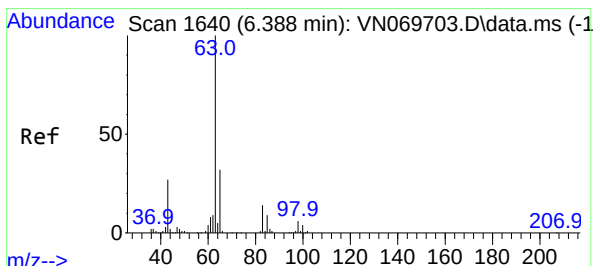
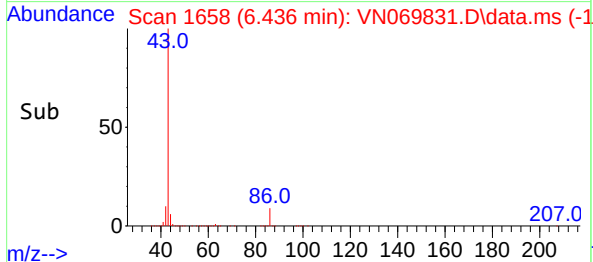
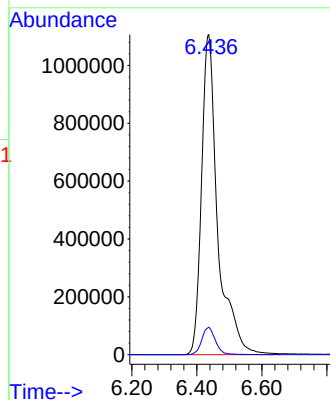
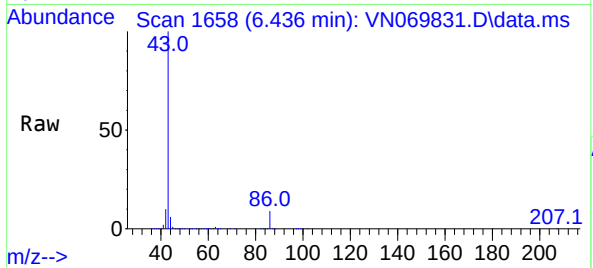




#23  
 Vinyl Acetate  
 Concen: 96.76 ug/l  
 RT: 6.436 min Scan# 1658  
 Delta R.T. 0.000 min  
 Lab File: VN069831.D  
 Acq: 7 Dec 2021 23:27

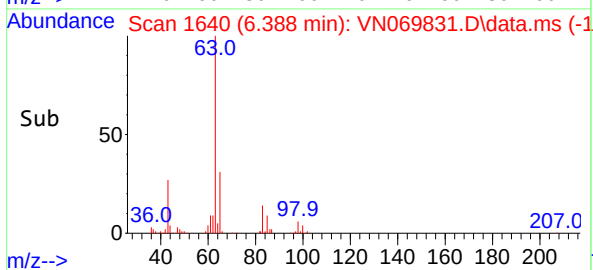
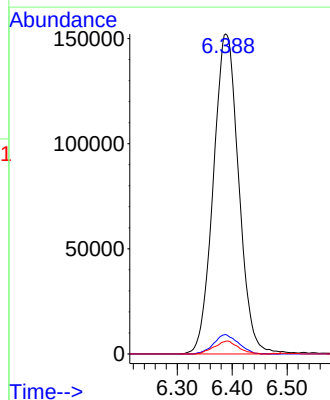
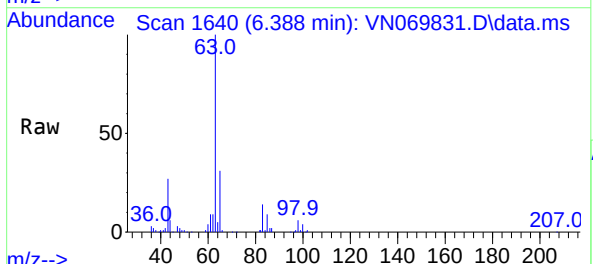
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1207WBS02

Tgt Ion: 43 Resp: 3829764  
 Ion Ratio Lower Upper  
 43 100  
 86 8.6 8.5 12.7

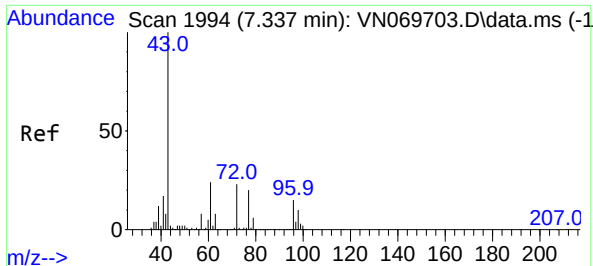


#24  
 1,1-Dichloroethane  
 Concen: 19.34 ug/l  
 RT: 6.388 min Scan# 1640  
 Delta R.T. 0.000 min  
 Lab File: VN069831.D  
 Acq: 7 Dec 2021 23:27

Tgt Ion: 63 Resp: 487388  
 Ion Ratio Lower Upper  
 63 100  
 98 6.0 3.3 9.9  
 100 3.9 2.1 6.5







#25

2-Butanone

Concen: 76.38 ug/l

RT: 7.337 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN069831.D

Acq: 7 Dec 2021 23:27

Instrument :

MSVOA\_N

ClientSampleId :

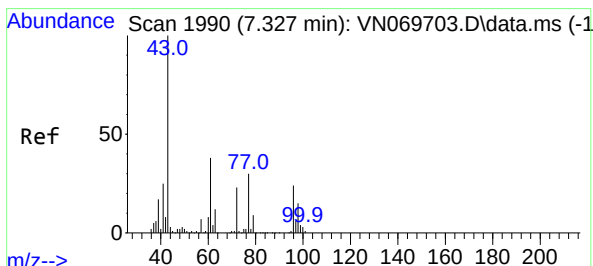
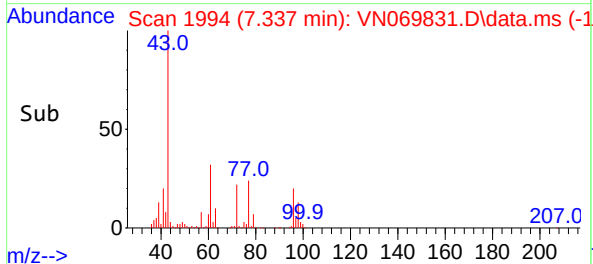
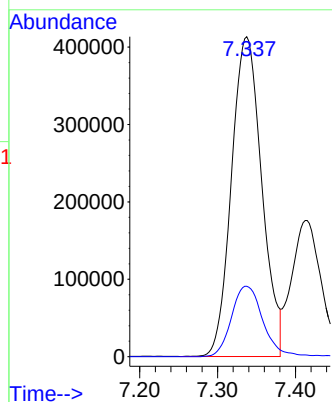
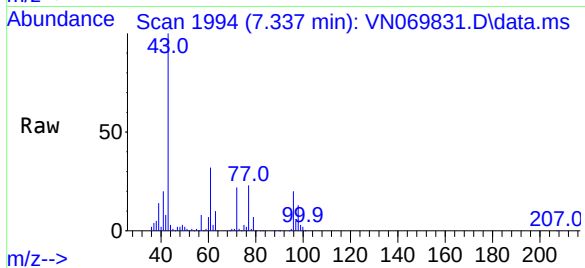
VN1207WBS02

Tgt Ion: 43 Resp: 1117713

Ion Ratio Lower Upper

43 100

72 22.0 21.7 32.5



#26

2,2-Dichloropropane

Concen: 17.51 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. 0.000 min

Lab File: VN069831.D

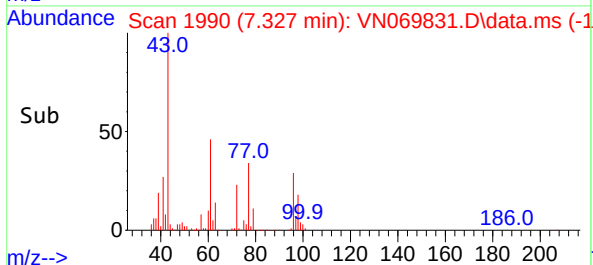
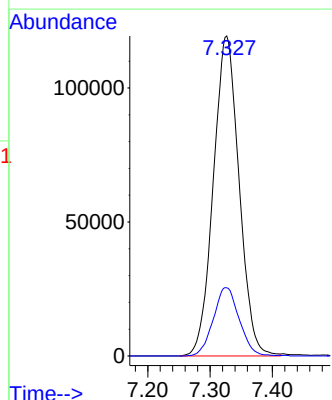
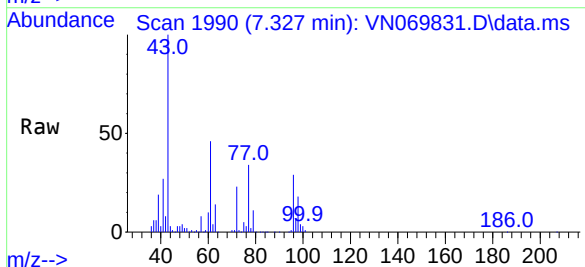
Acq: 7 Dec 2021 23:27

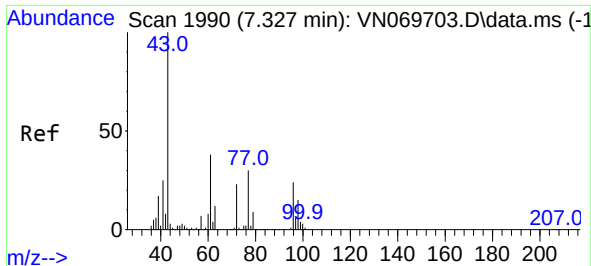
Tgt Ion: 77 Resp: 343106

Ion Ratio Lower Upper

77 100

97 21.5 11.6 34.8



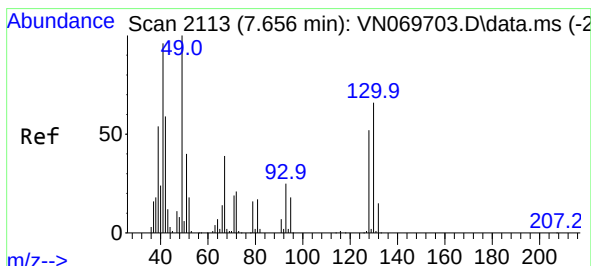
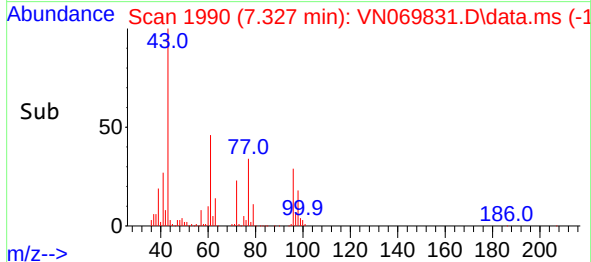
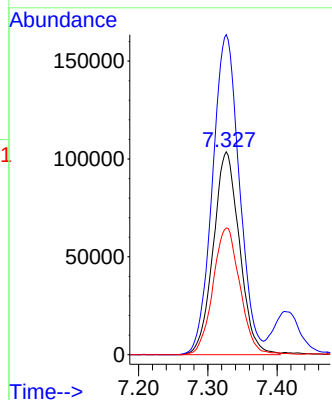
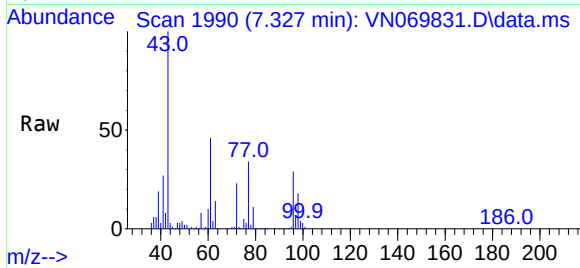


#27  
 cis-1,2-Dichloroethene  
 Concen: 18.81 ug/l  
 RT: 7.327 min Scan# 1990  
 Delta R.T. 0.000 min  
 Lab File: VN069831.D  
 Acq: 7 Dec 2021 23:27

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1207WBS02

Tgt Ion: 96 Resp: 272629  

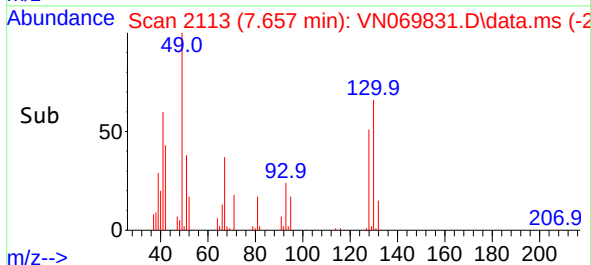
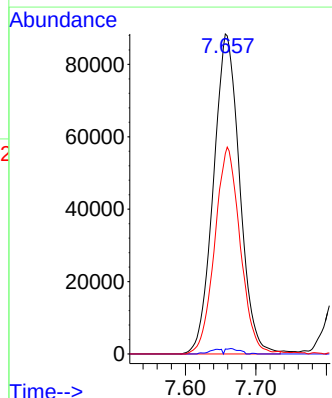
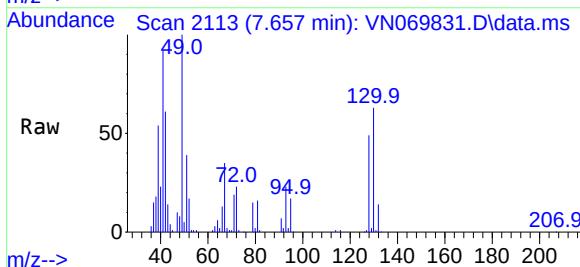
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 162.0 | 0.0   | 275.0 |
| 98  | 64.1  | 0.0   | 129.6 |

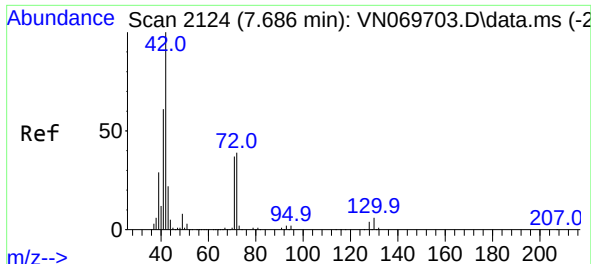


#28  
 Bromochloromethane  
 Concen: 17.39 ug/l  
 RT: 7.657 min Scan# 2113  
 Delta R.T. 0.000 min  
 Lab File: VN069831.D  
 Acq: 7 Dec 2021 23:27

Tgt Ion: 49 Resp: 227921  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 0.9   | 0.0   | 4.0   |
| 130 | 62.7  | 67.8  | 101.8 |

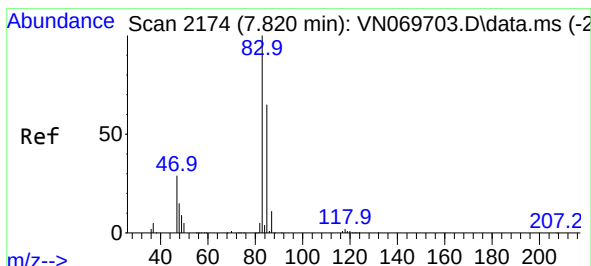
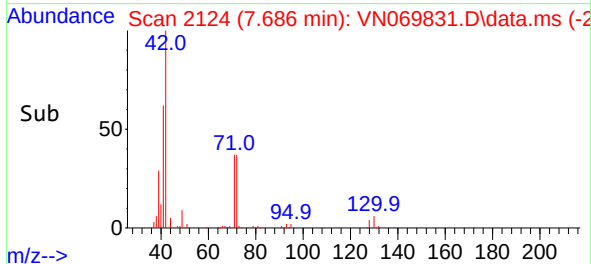
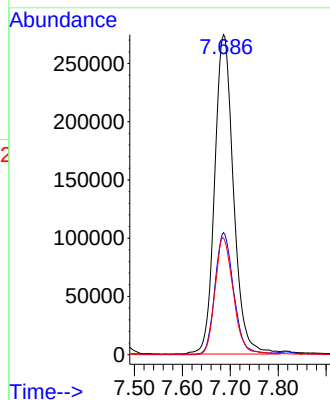
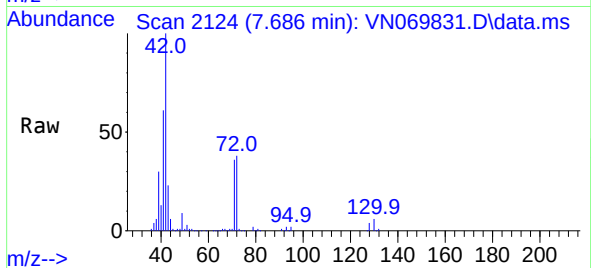




#29  
Tetrahydrofuran  
Concen: 84.34 ug/l  
RT: 7.686 min Scan# 2124  
Delta R.T. 0.000 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

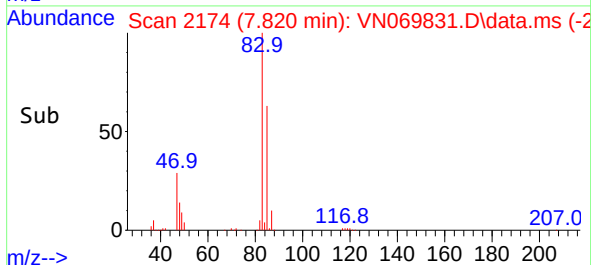
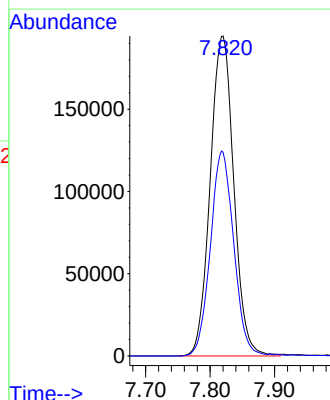
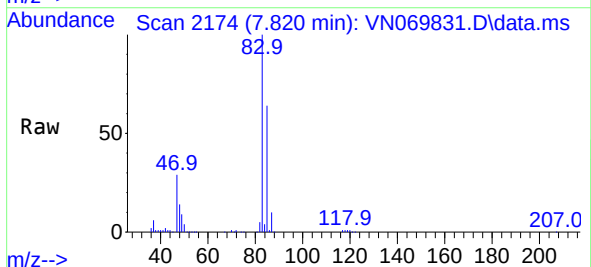
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1207WBS02

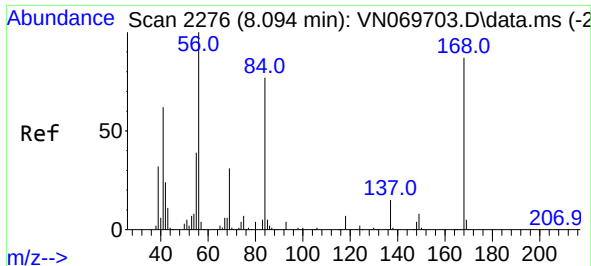
Tgt Ion: 42 Resp: 749437  
Ion Ratio Lower Upper  
42 100  
72 37.6 36.3 54.5  
71 35.4 34.7 52.1



#30  
Chloroform  
Concen: 19.42 ug/l  
RT: 7.820 min Scan# 2174  
Delta R.T. 0.000 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

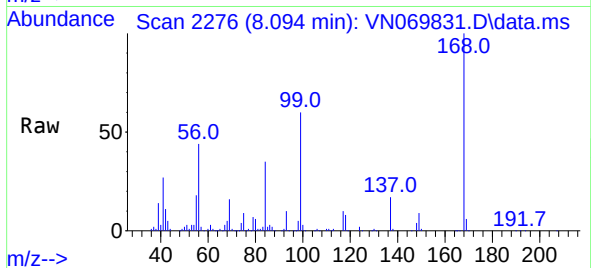
Tgt Ion: 83 Resp: 494273  
Ion Ratio Lower Upper  
83 100  
85 63.6 51.9 77.9



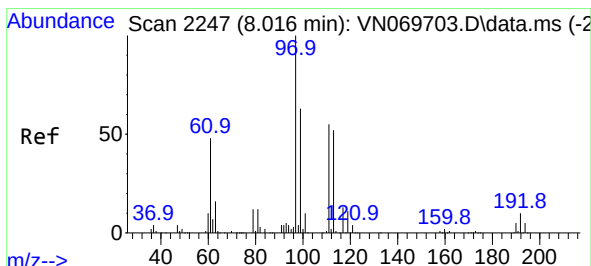
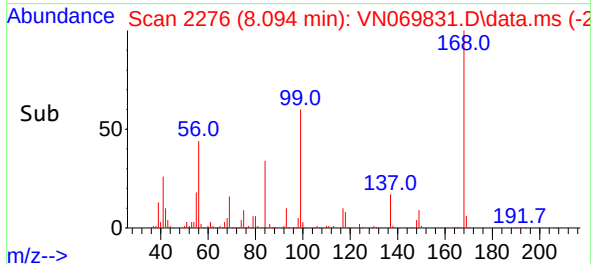
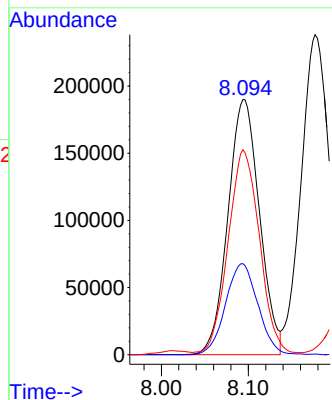


#31  
Cyclohexane  
Concen: 19.25 ug/l  
RT: 8.094 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1207WBS02

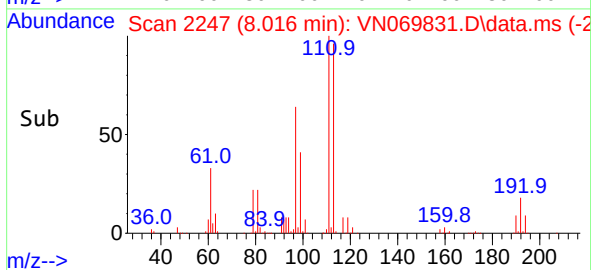
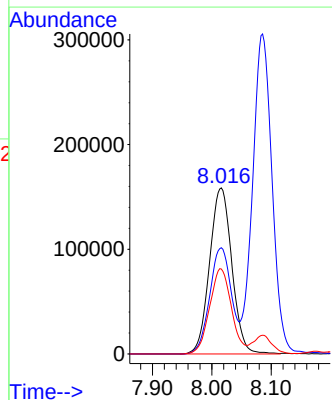
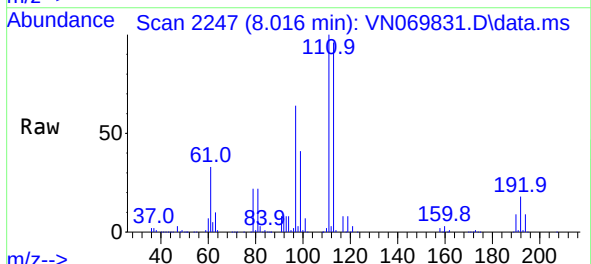


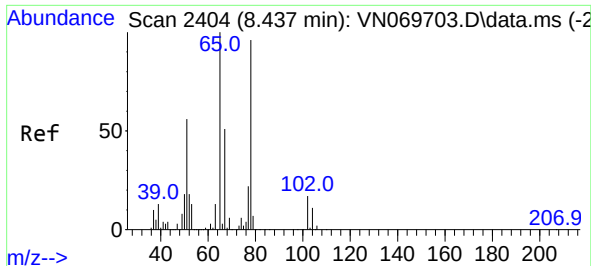
Tgt Ion: 56 Resp: 479583  
Ion Ratio Lower Upper  
56 100  
69 35.6 27.1 40.7  
84 78.9 73.4 110.0



#32  
1,1,1-Trichloroethane  
Concen: 19.09 ug/l  
RT: 8.016 min Scan# 2247  
Delta R.T. 0.000 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

Tgt Ion: 97 Resp: 413791  
Ion Ratio Lower Upper  
97 100  
99 61.9 50.1 75.1  
61 50.3 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 51.13 ug/l

RT: 8.437 min Scan# 24

Delta R.T. 0.000 min

Lab File: VN069831.D

Acq: 7 Dec 2021 23:27

Instrument :

MSVOA\_N

ClientSampleId :

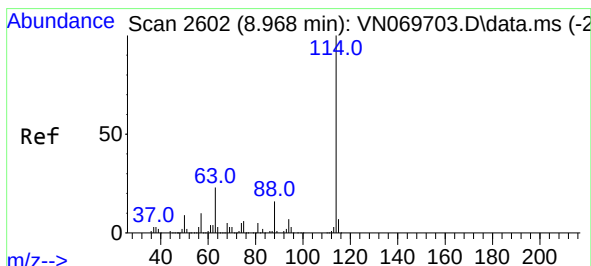
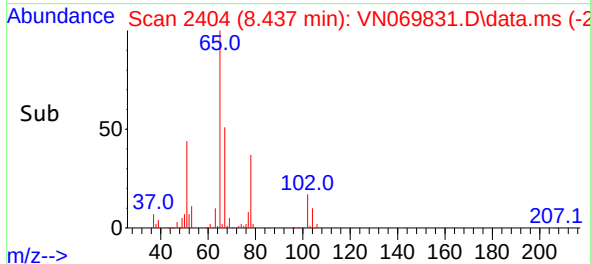
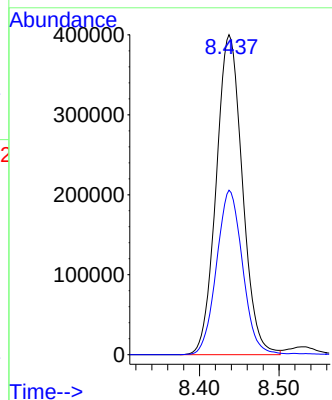
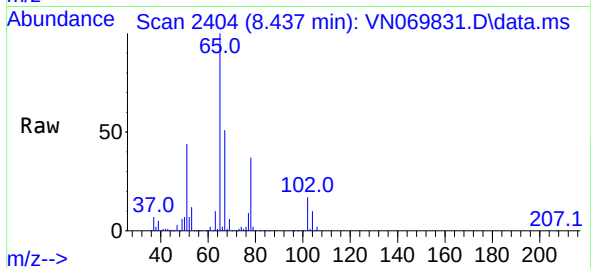
VN1207WBS02

Tgt Ion: 65 Resp: 915537

Ion Ratio Lower Upper

65 100

67 51.2 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN069831.D

Acq: 7 Dec 2021 23:27

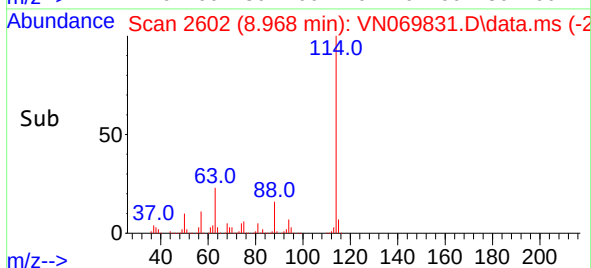
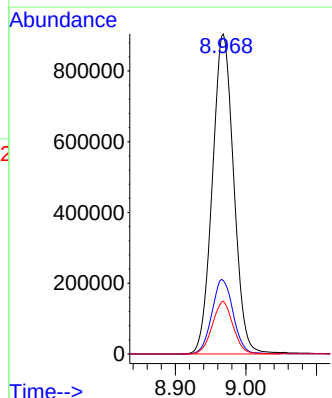
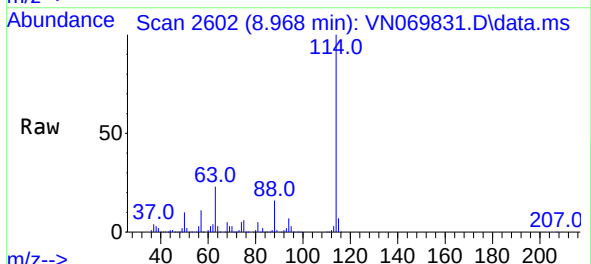
Tgt Ion:114 Resp: 1902324

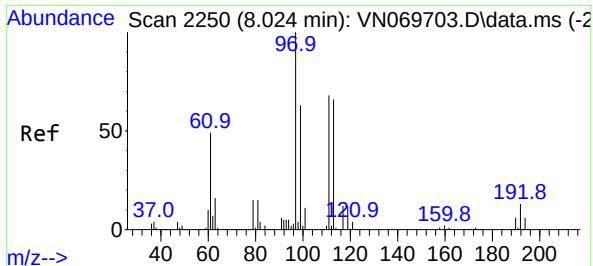
Ion Ratio Lower Upper

114 100

63 22.9 0.0 37.8

88 16.4 0.0 27.4

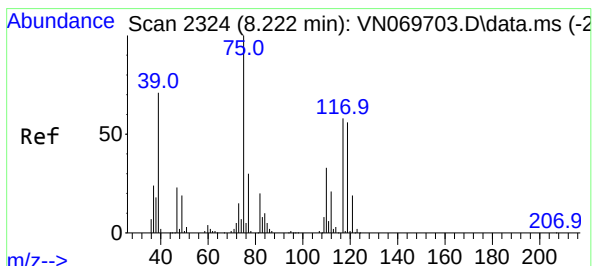
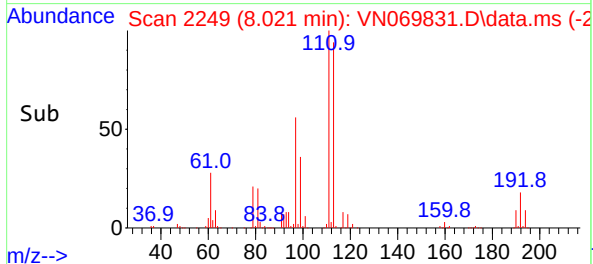
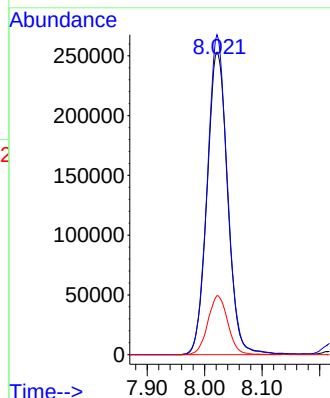
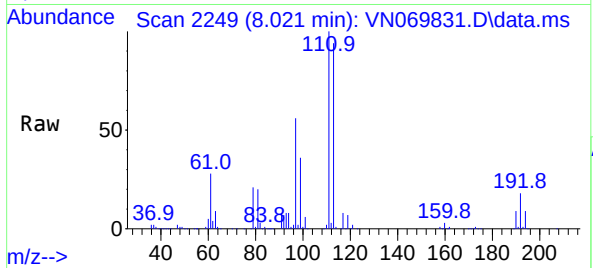




#35  
Dibromofluoromethane  
Concen: 52.78 ug/l  
RT: 8.021 min Scan# 2113  
Delta R.T. -0.003 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

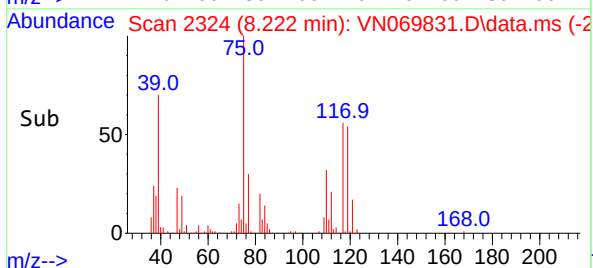
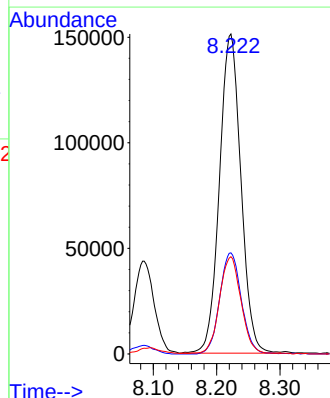
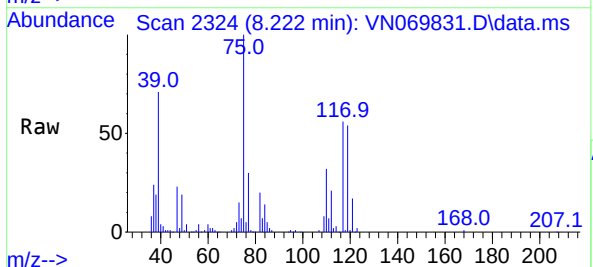
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1207WBS02

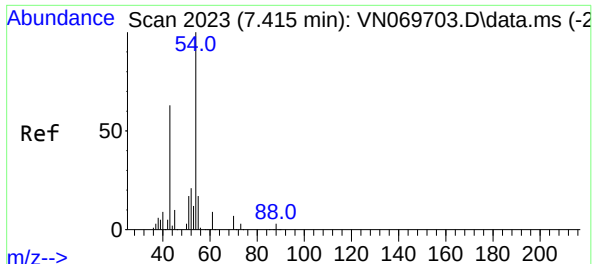
Tgt Ion:113 Resp: 628858  
Ion Ratio Lower Upper  
113 100  
111 103.5 82.2 123.2  
192 18.9 16.9 25.3



#36  
1,1-Dichloropropene  
Concen: 19.61 ug/l  
RT: 8.222 min Scan# 2324  
Delta R.T. 0.000 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

Tgt Ion: 75 Resp: 355208  
Ion Ratio Lower Upper  
75 100  
110 32.0 18.4 55.2  
77 30.2 24.4 36.6

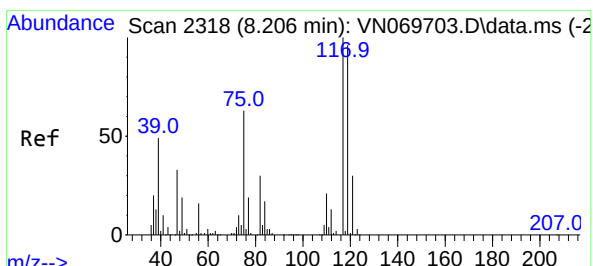
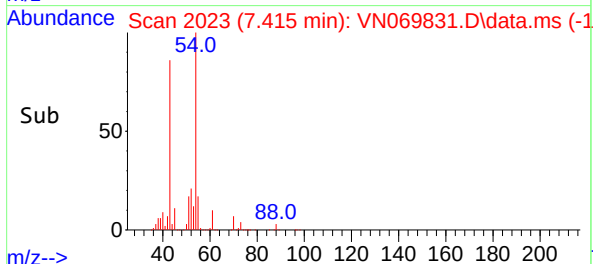
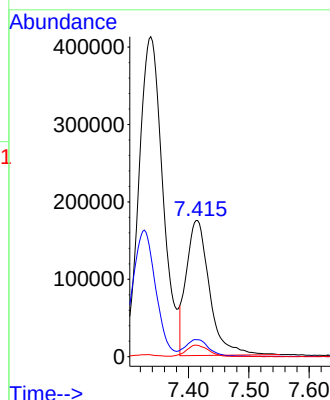
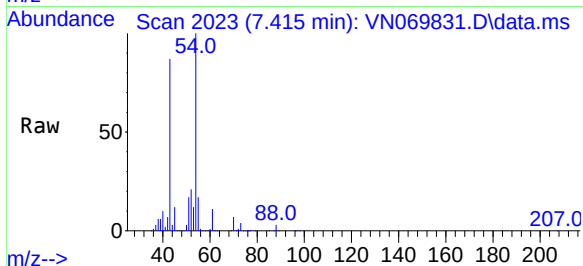




#37  
Ethyl Acetate  
Concen: 17.30 ug/l  
RT: 7.415 min Scan# 2023  
Delta R.T. 0.000 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

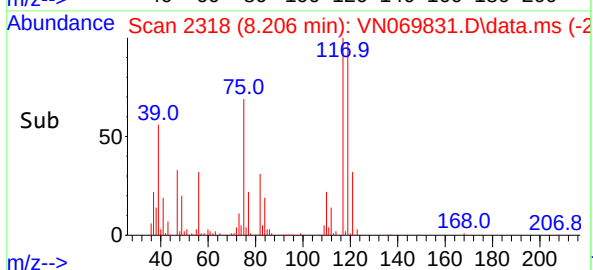
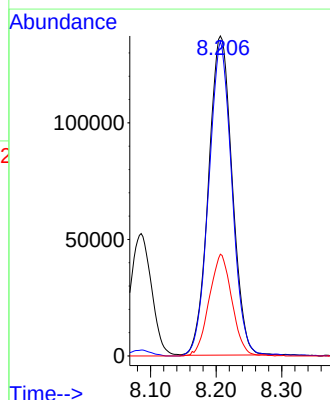
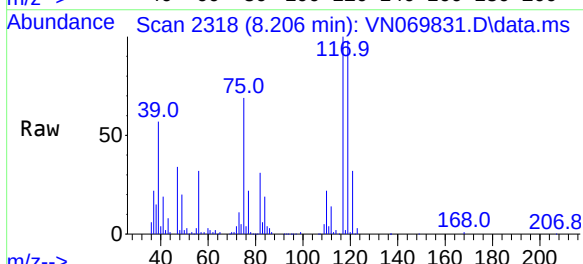
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1207WBS02

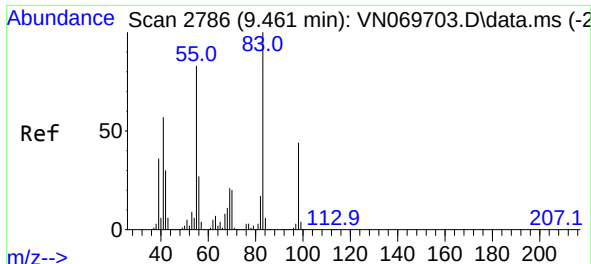
Tgt Ion: 43 Resp: 466433  
Ion Ratio Lower Upper  
43 100  
61 12.1 11.5 17.3  
70 7.8 7.9 11.9#



#38  
Carbon Tetrachloride  
Concen: 19.30 ug/l  
RT: 8.206 min Scan# 2318  
Delta R.T. 0.000 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

Tgt Ion: 117 Resp: 342701  
Ion Ratio Lower Upper  
117 100  
119 98.7 76.1 114.1  
121 31.9 24.2 36.2

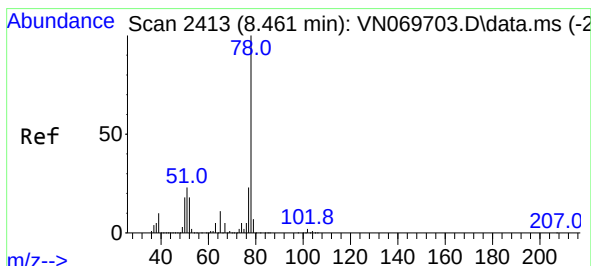
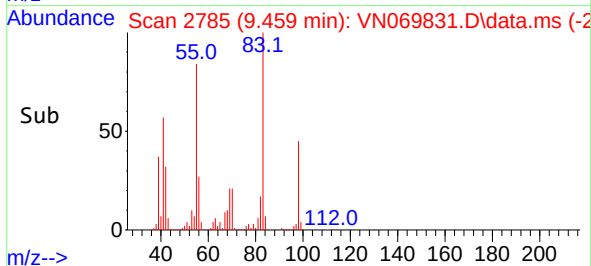
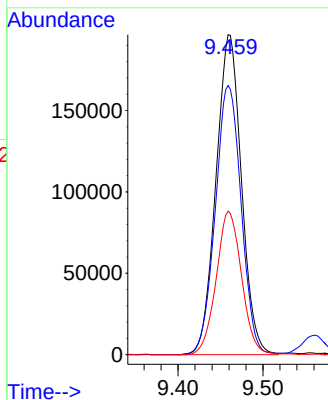
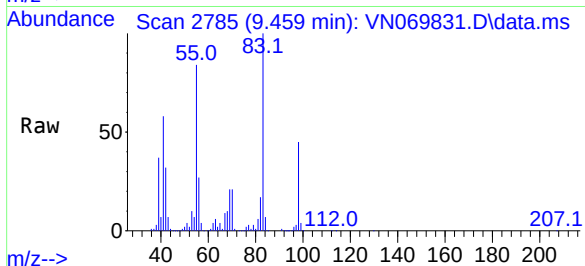




#39  
Methylcyclohexane  
Concen: 19.00 ug/l  
RT: 9.459 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

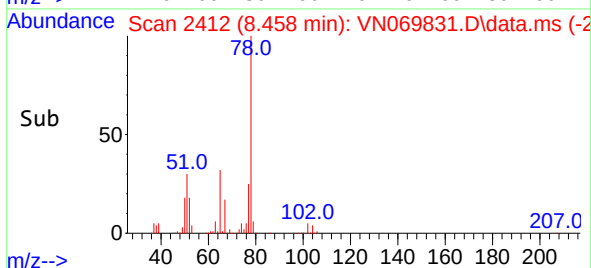
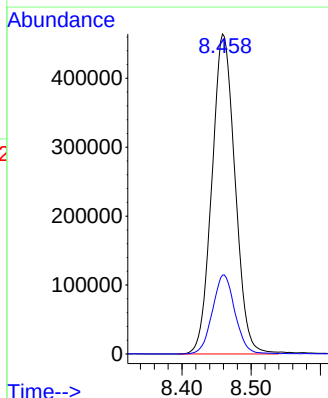
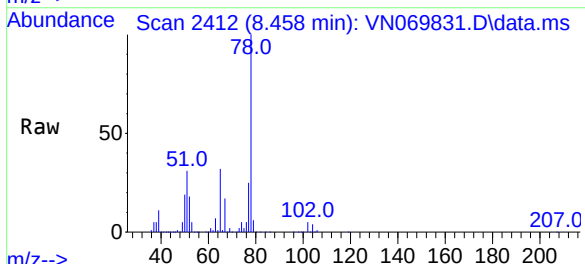
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1207WBS02

Tgt Ion: 83 Resp: 409367  
Ion Ratio Lower Upper  
83 100  
55 84.1 58.1 87.1  
98 44.9 38.4 57.6

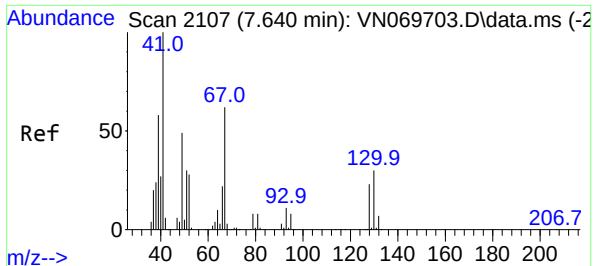


#40  
Benzene  
Concen: 19.46 ug/l  
RT: 8.458 min Scan# 2412  
Delta R.T. -0.003 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

Tgt Ion: 78 Resp: 1077115  
Ion Ratio Lower Upper  
78 100  
77 24.7 18.6 27.8

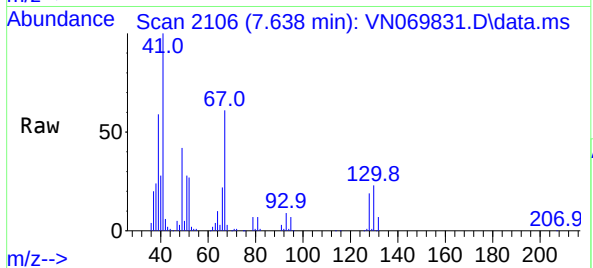




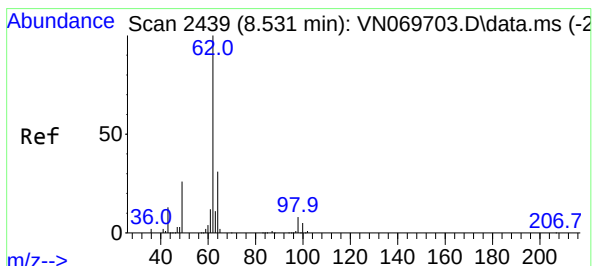
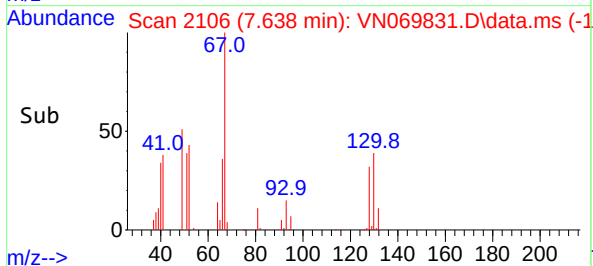
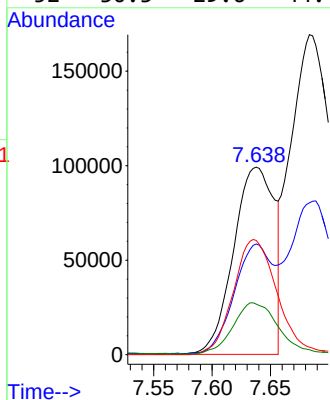


#41  
Methacrylonitrile  
Concen: 19.02 ug/l  
RT: 7.638 min Scan# 2107  
Delta R.T. -0.002 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1207WBS02

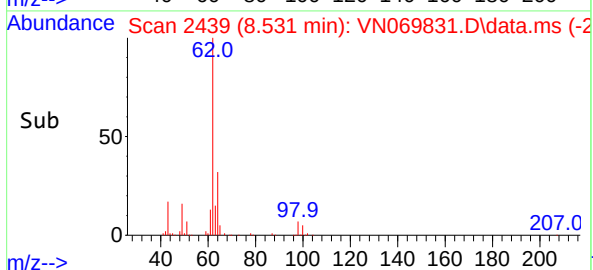
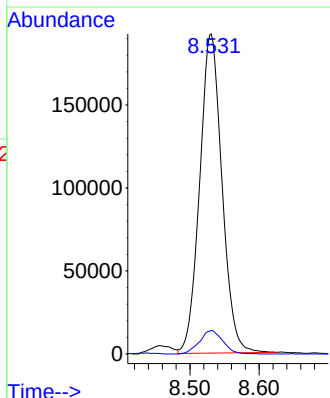
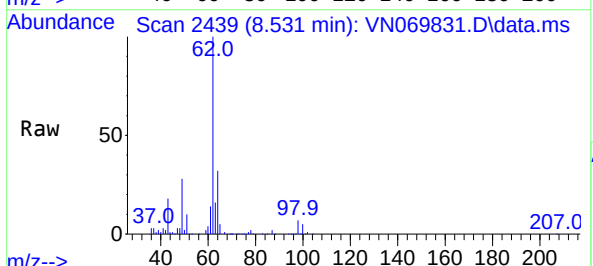


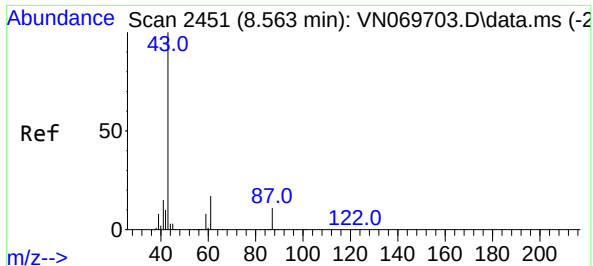
Tgt Ion: 41 Resp: 240713  
Ion Ratio Lower Upper  
41 100  
39 53.6 48.1 72.1  
67 67.2 68.3 102.5#  
52 30.3 29.6 44.4



#42  
1,2-Dichloroethane  
Concen: 19.26 ug/l  
RT: 8.531 min Scan# 2439  
Delta R.T. 0.000 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

Tgt Ion: 62 Resp: 430445  
Ion Ratio Lower Upper  
62 100  
98 7.7 0.0 17.6





#43

Isopropyl Acetate

Concen: 18.24 ug/l

RT: 8.560 min Scan# 2451

Delta R.T. -0.003 min

Lab File: VN069831.D

Acq: 7 Dec 2021 23:27

Instrument :

MSVOA\_N

ClientSampleId :

VN1207WBS02

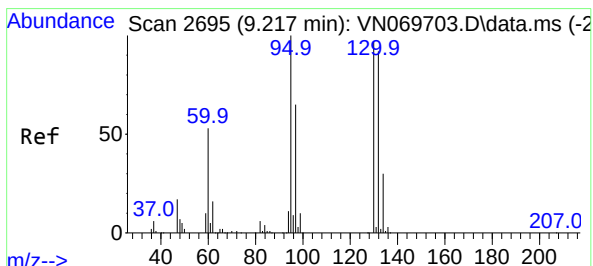
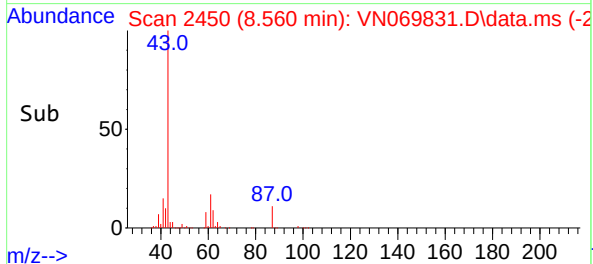
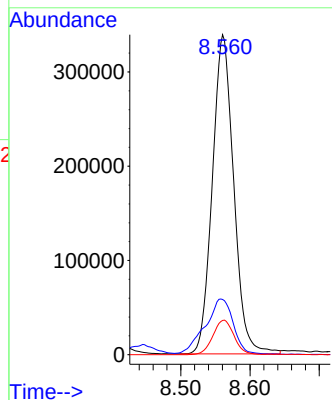
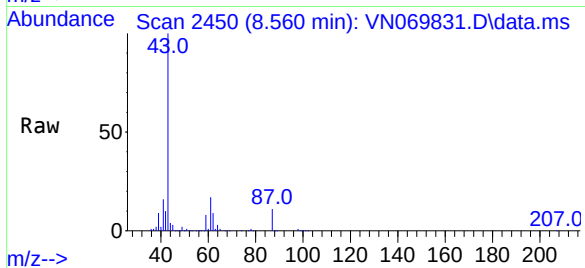
Tgt Ion: 43 Resp: 727659

Ion Ratio Lower Upper

43 100

61 22.7 20.4 30.6

87 10.7 11.2 16.8#



#44

Trichloroethene

Concen: 19.32 ug/l

RT: 9.215 min Scan# 2694

Delta R.T. -0.002 min

Lab File: VN069831.D

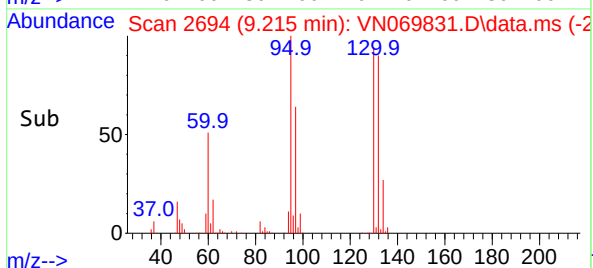
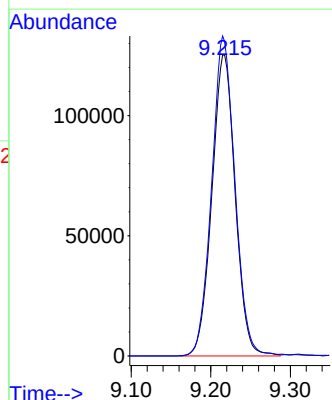
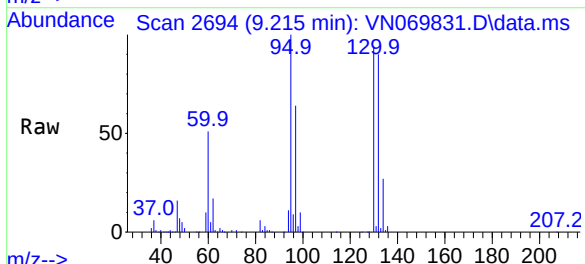
Acq: 7 Dec 2021 23:27

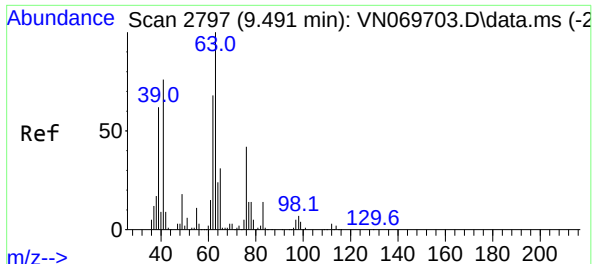
Tgt Ion:130 Resp: 255264

Ion Ratio Lower Upper

130 100

95 106.2 0.0 191.2

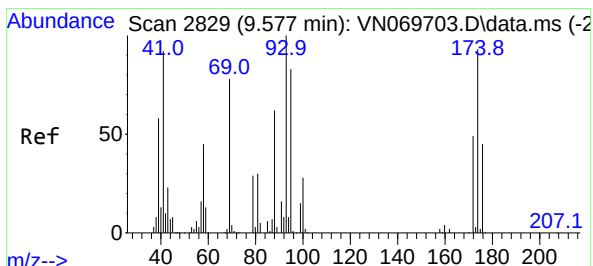
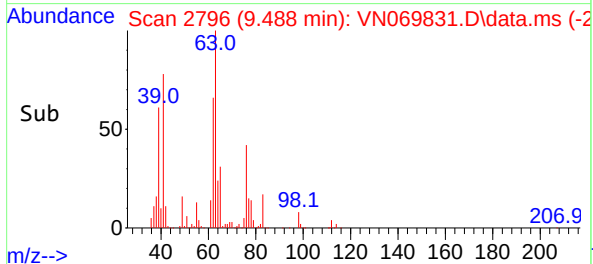
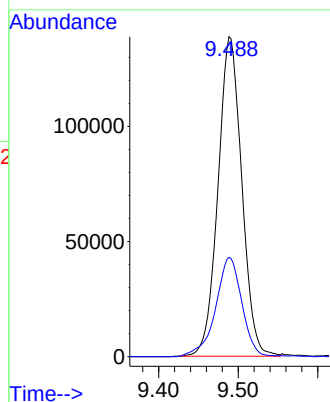
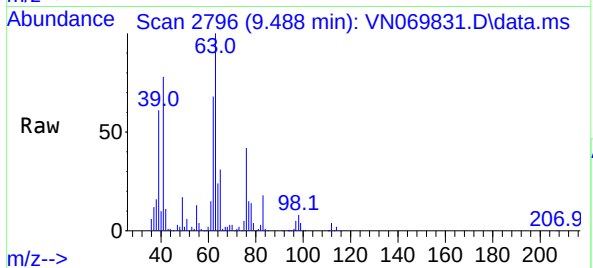




#45  
1,2-Dichloropropane  
Concen: 19.38 ug/l  
RT: 9.488 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

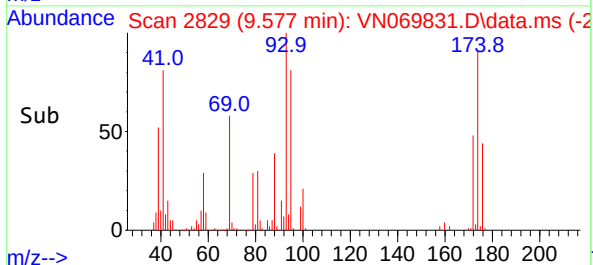
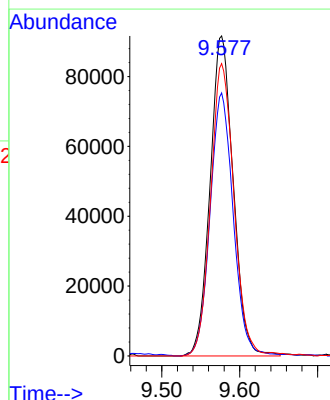
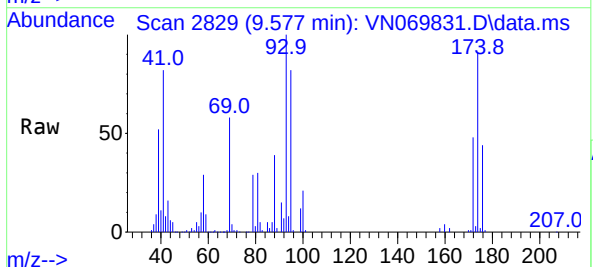
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1207WBS02

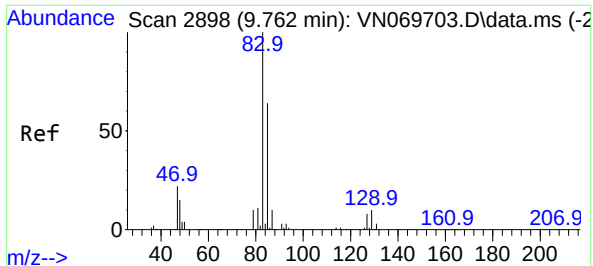
Tgt Ion: 63 Resp: 288052  
Ion Ratio Lower Upper  
63 100  
65 30.9 24.7 37.1



#46  
Dibromomethane  
Concen: 19.41 ug/l  
RT: 9.577 min Scan# 2829  
Delta R.T. 0.000 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

Tgt Ion: 93 Resp: 189186  
Ion Ratio Lower Upper  
93 100  
95 82.3 65.9 98.9  
174 91.7 84.6 127.0

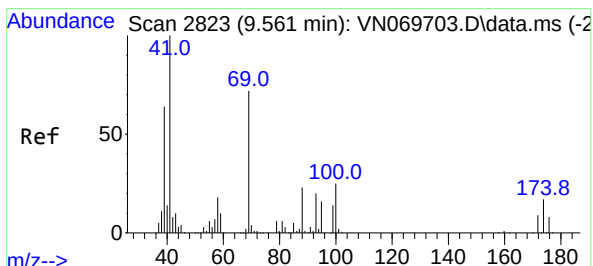
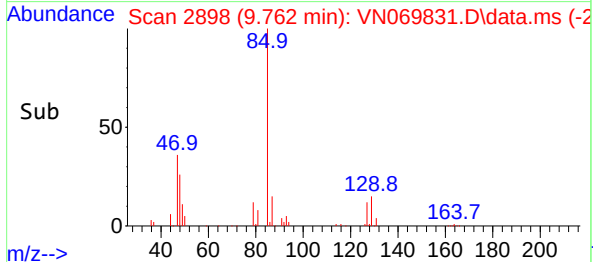
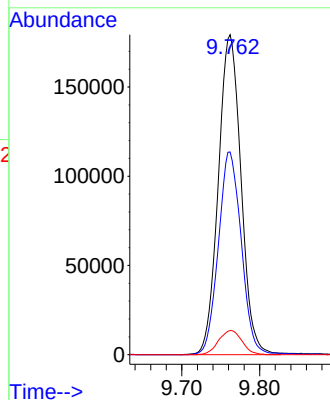
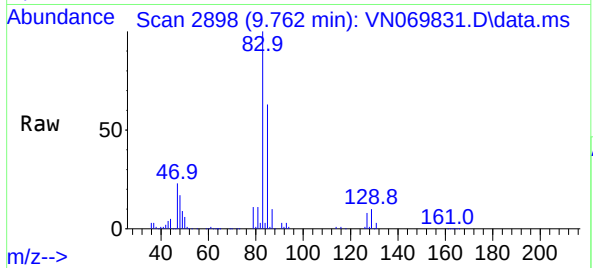




#47  
Bromodichloromethane  
Concen: 19.64 ug/l  
RT: 9.762 min Scan# 2898  
Delta R.T. 0.000 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

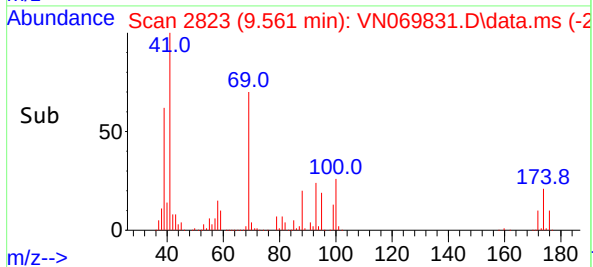
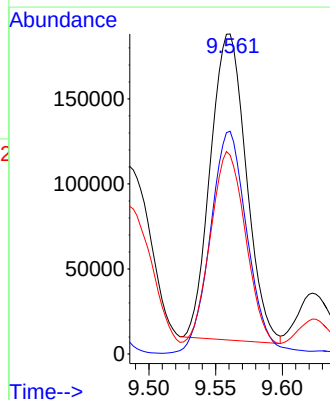
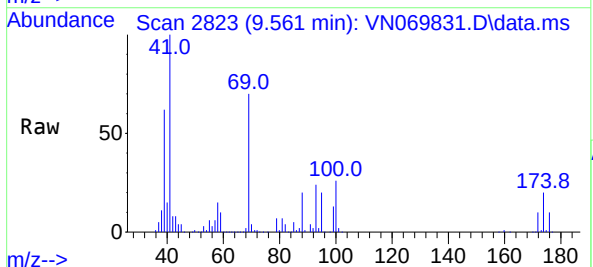
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1207WBS02

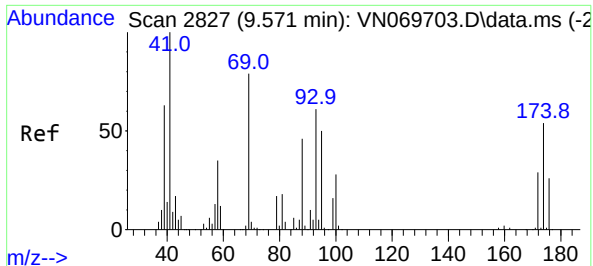
Tgt Ion: 83 Resp: 362518  
Ion Ratio Lower Upper  
83 100  
85 63.4 50.9 76.3  
127 7.6 7.1 10.7



#48  
Methyl methacrylate  
Concen: 18.05 ug/l  
RT: 9.561 min Scan# 2823  
Delta R.T. -0.000 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

Tgt Ion: 41 Resp: 335939  
Ion Ratio Lower Upper  
41 100  
69 74.9 72.4 108.6  
39 68.0 58.4 87.6





#49

1,4-Dioxane

Concen: 288.75 ug/l

RT: 9.566 min Scan# 21

Delta R.T. -0.005 min

Lab File: VN069831.D

Acq: 7 Dec 2021 23:27

Instrument :

MSVOA\_N

ClientSampleId :

VN1207WBS02

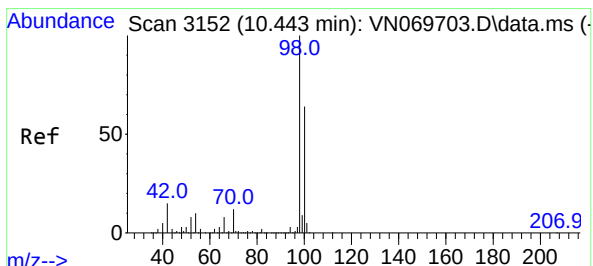
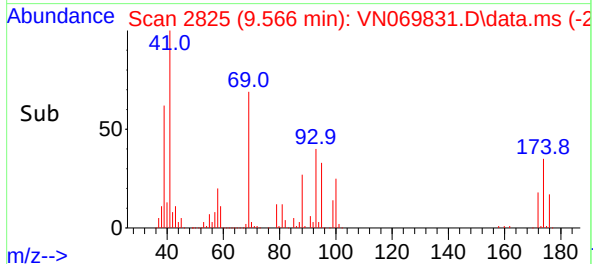
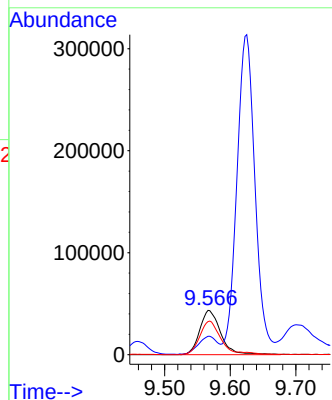
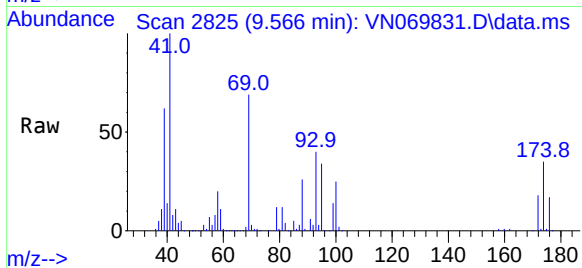
Tgt Ion: 88 Resp: 96441

Ion Ratio Lower Upper

88 100

43 36.0 23.4 35.2#

58 73.2 50.6 75.8



#50

Toluene-d8

Concen: 52.12 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.003 min

Lab File: VN069831.D

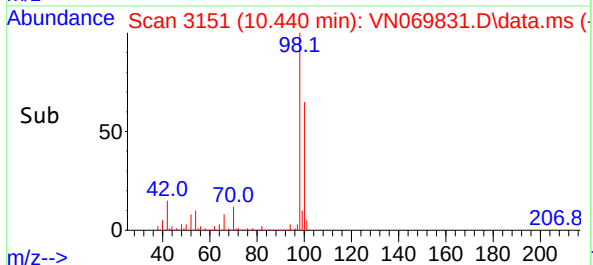
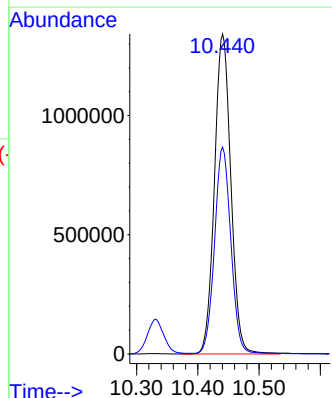
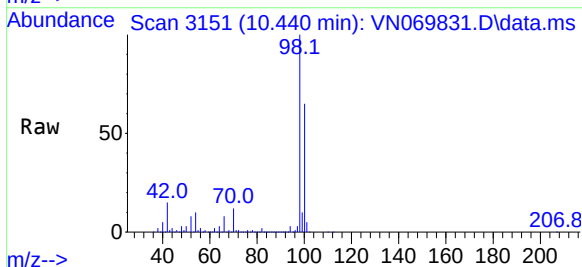
Acq: 7 Dec 2021 23:27

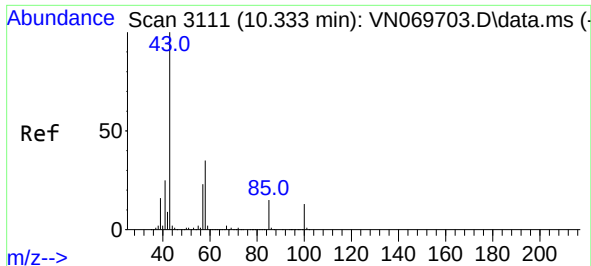
Tgt Ion: 98 Resp: 2493776

Ion Ratio Lower Upper

98 100

100 63.8 50.4 75.6





#51

4-Methyl-2-Pentanone

Concen: 89.88 ug/l

RT: 10.330 min Scan# 3111

Delta R.T. -0.003 min

Lab File: VN069831.D

Acq: 7 Dec 2021 23:27

Instrument :

MSVOA\_N

ClientSampleId :

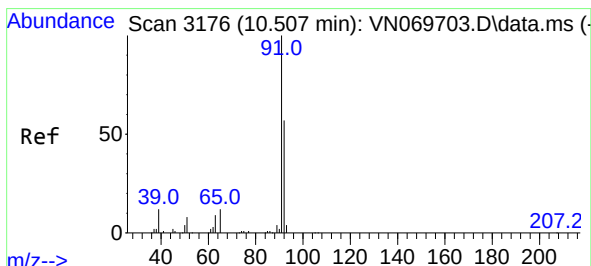
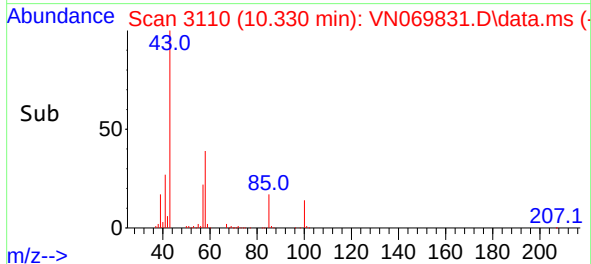
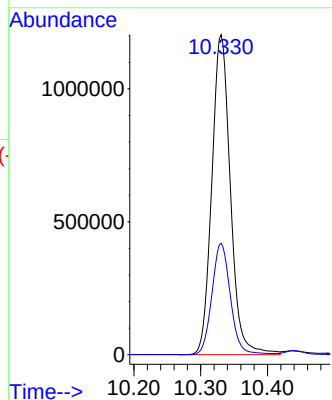
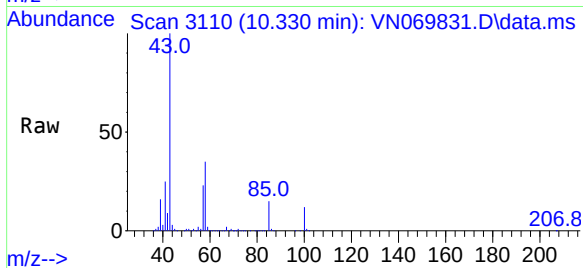
VN1207WBS02

Tgt Ion: 43 Resp: 2325786

Ion Ratio Lower Upper

43 100

58 34.7 30.4 45.6



#52

Toluene

Concen: 19.53 ug/l

RT: 10.505 min Scan# 3175

Delta R.T. -0.003 min

Lab File: VN069831.D

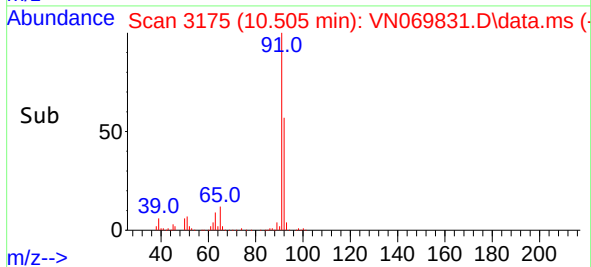
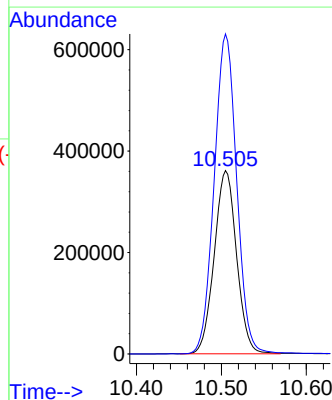
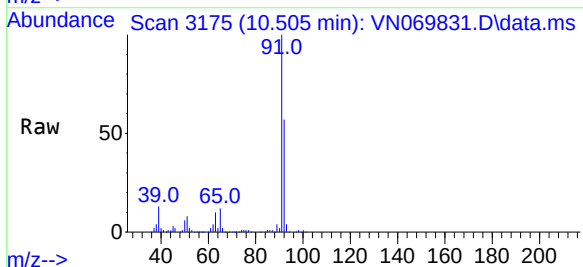
Acq: 7 Dec 2021 23:27

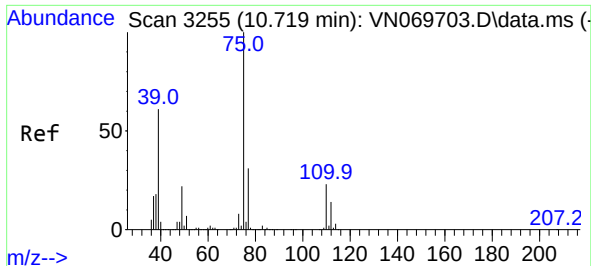
Tgt Ion: 92 Resp: 660023

Ion Ratio Lower Upper

92 100

91 176.3 142.0 213.0

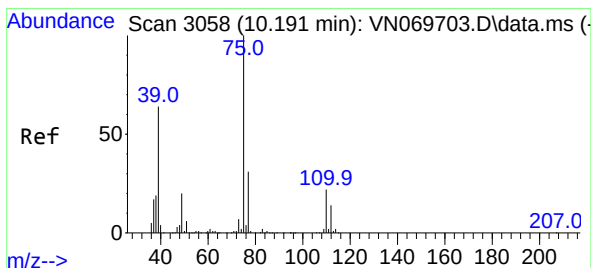
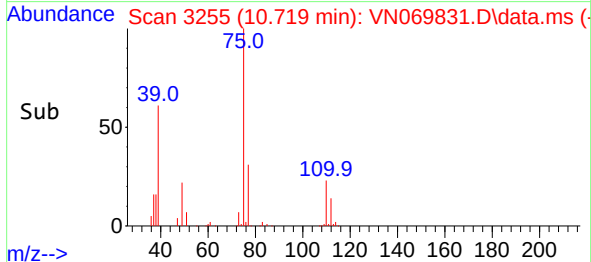
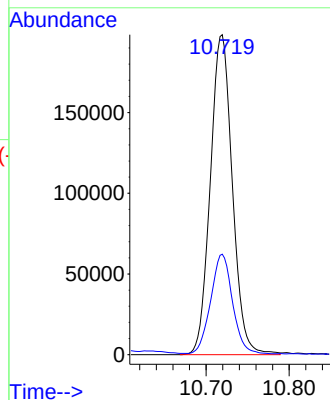
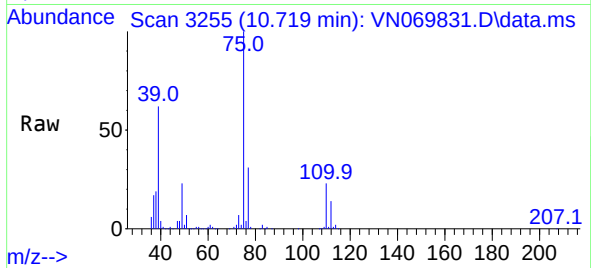




#53  
t-1,3-Dichloropropene  
Concen: 18.33 ug/l  
RT: 10.719 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

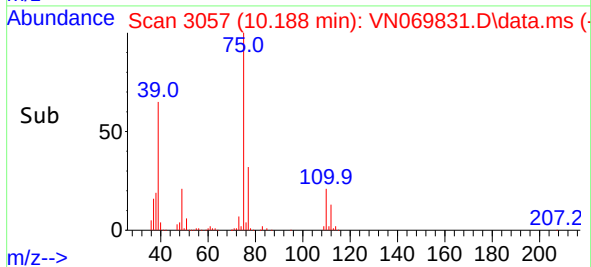
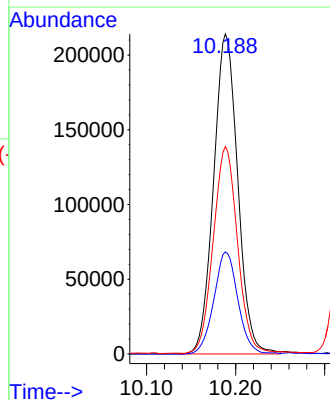
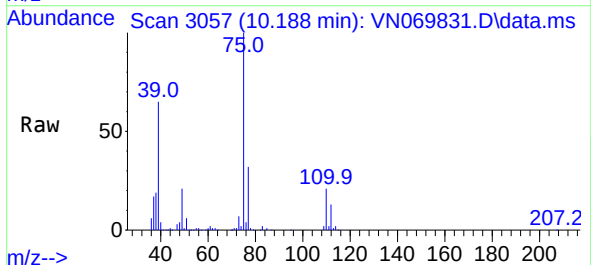
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1207WBS02

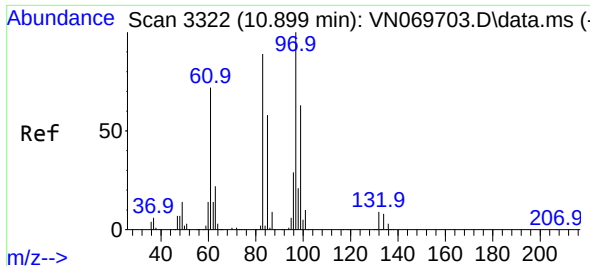
Tgt Ion: 75 Resp: 365352  
Ion Ratio Lower Upper  
75 100  
77 31.1 25.6 38.4



#54  
cis-1,3-Dichloropropene  
Concen: 18.65 ug/l  
RT: 10.188 min Scan# 3057  
Delta R.T. -0.003 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

Tgt Ion: 75 Resp: 404199  
Ion Ratio Lower Upper  
75 100  
77 31.9 26.4 39.6  
39 64.6 42.5 63.7#

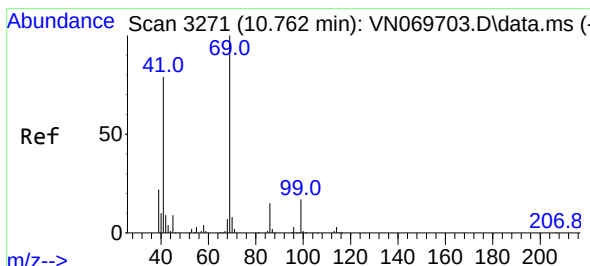
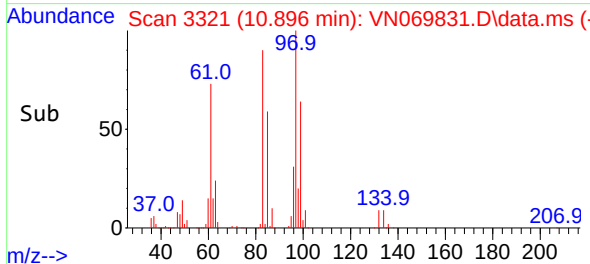
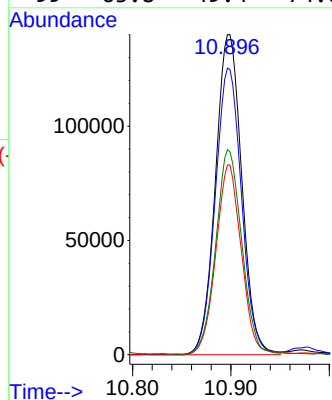
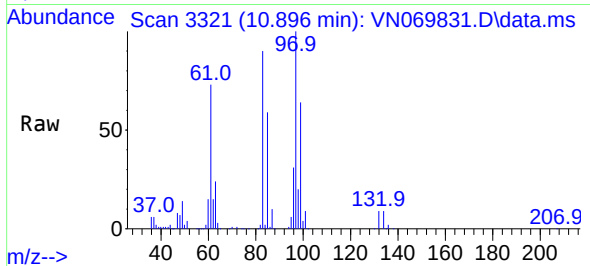




#55  
1,1,2-Trichloroethane  
Concen: 19.18 ug/l  
RT: 10.896 min Scan# 31  
Delta R.T. -0.003 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

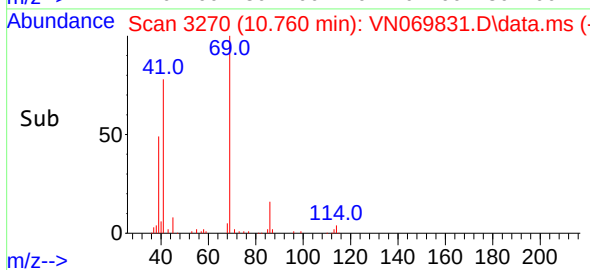
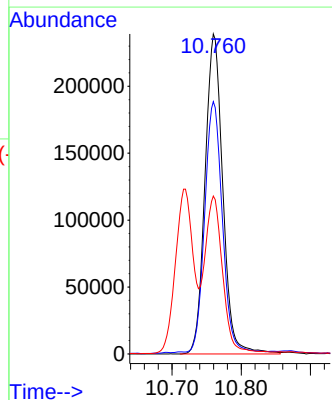
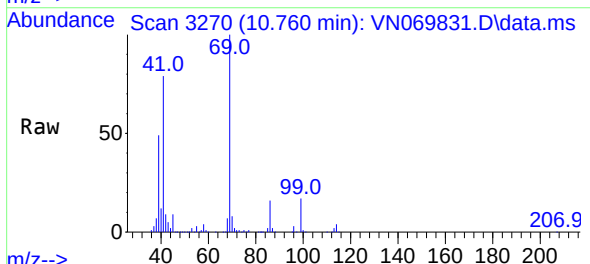
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1207WBS02

Tgt Ion: 97 Resp: 261507  
Ion Ratio Lower Upper  
97 100  
83 89.6 67.8 101.6  
85 59.3 45.4 68.2  
99 63.8 49.4 74.0

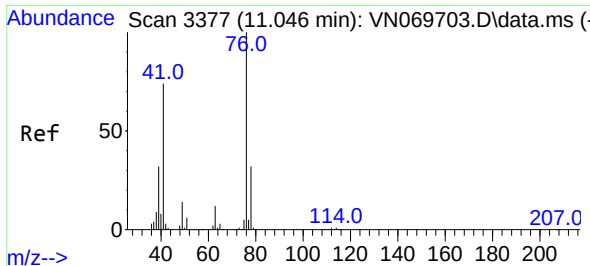


#56  
Ethyl methacrylate  
Concen: 18.09 ug/l  
RT: 10.760 min Scan# 3270  
Delta R.T. -0.002 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

Tgt Ion: 69 Resp: 426284  
Ion Ratio Lower Upper  
69 100  
41 77.3 51.4 77.0#  
39 46.4 34.6 52.0







#57

1,3-Dichloropropane

Concen: 19.53 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN069831.D

Acq: 7 Dec 2021 23:27

Instrument :

MSVOA\_N

ClientSampleId :

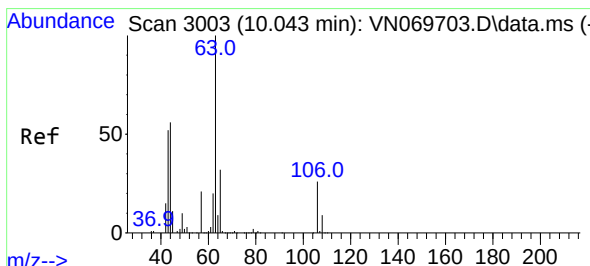
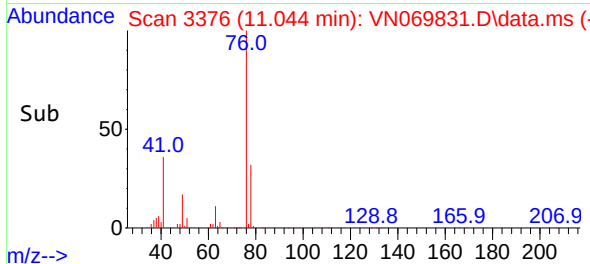
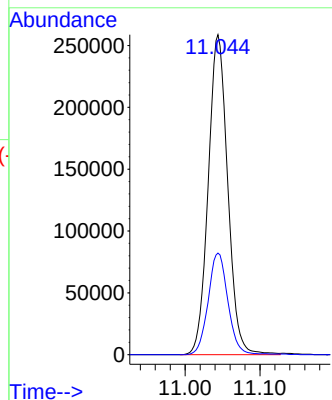
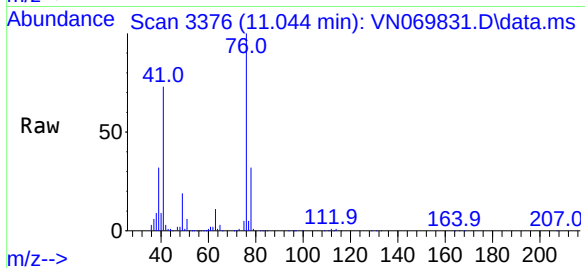
VN1207WBS02

Tgt Ion: 76 Resp: 468846

Ion Ratio Lower Upper

76 100

78 32.0 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 70.10 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.002 min

Lab File: VN069831.D

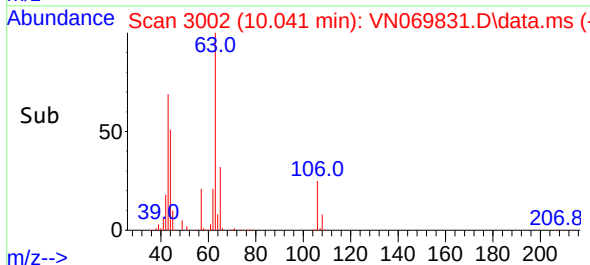
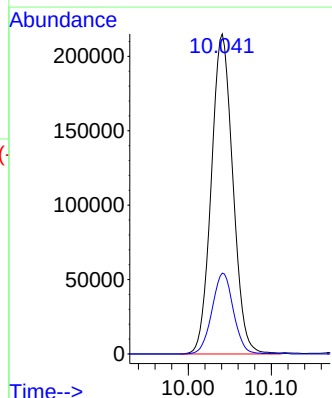
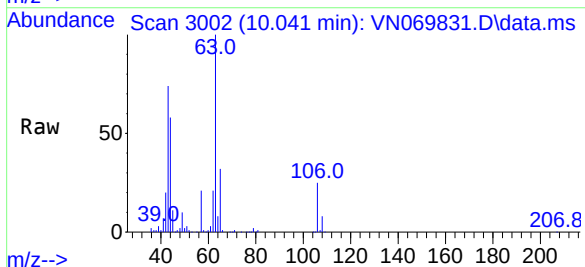
Acq: 7 Dec 2021 23:27

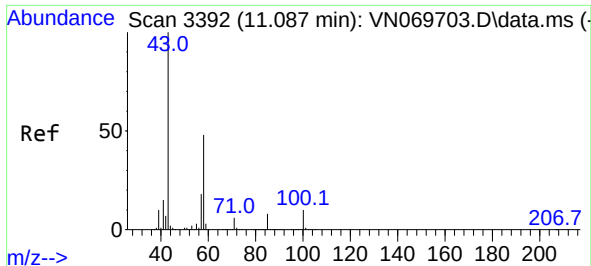
Tgt Ion: 63 Resp: 387797

Ion Ratio Lower Upper

63 100

106 25.1 23.9 35.9

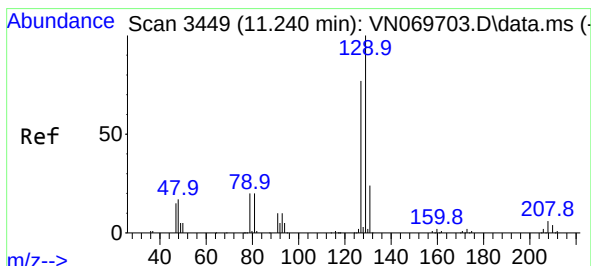
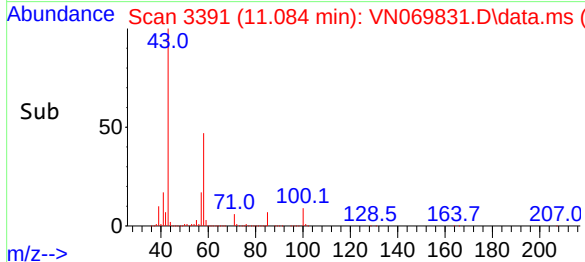
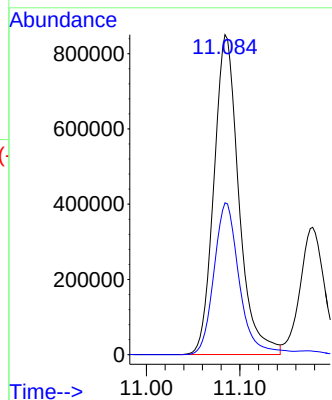
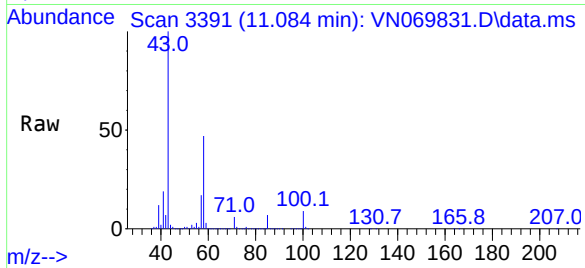




#59  
2-Hexanone  
Concen: 80.58 ug/l  
RT: 11.084 min Scan# 31  
Delta R.T. -0.003 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

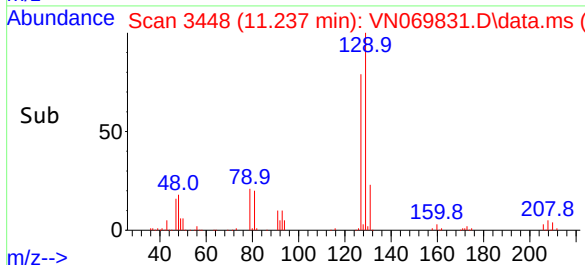
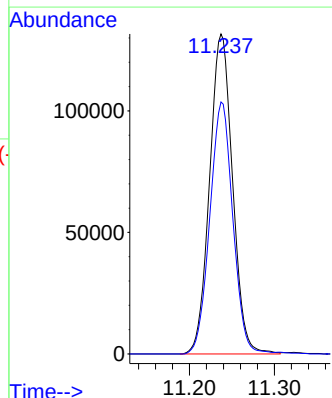
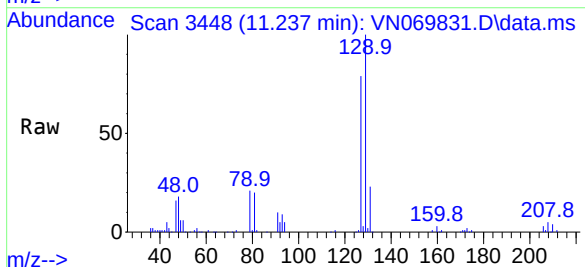
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1207WBS02

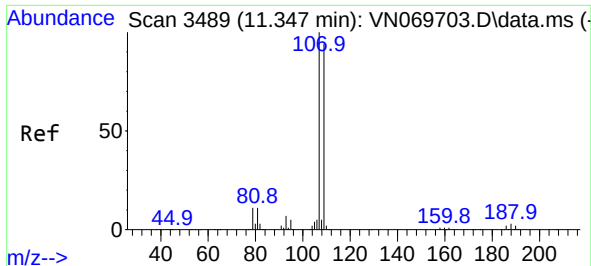
Tgt Ion: 43 Resp: 1577334  
Ion Ratio Lower Upper  
43 100  
58 48.4 26.9 80.7



#60  
Dibromochloromethane  
Concen: 18.49 ug/l  
RT: 11.237 min Scan# 3448  
Delta R.T. -0.003 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

Tgt Ion:129 Resp: 247212  
Ion Ratio Lower Upper  
129 100  
127 78.9 38.6 116.0

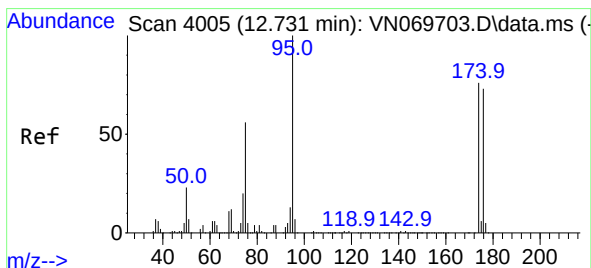
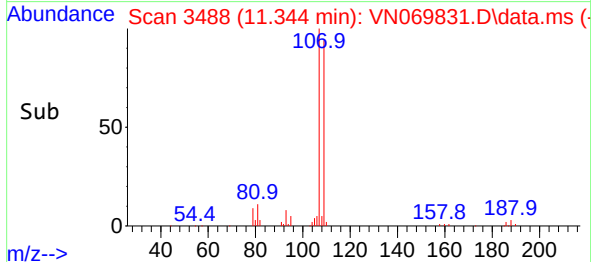
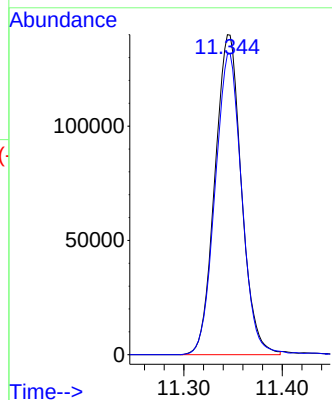
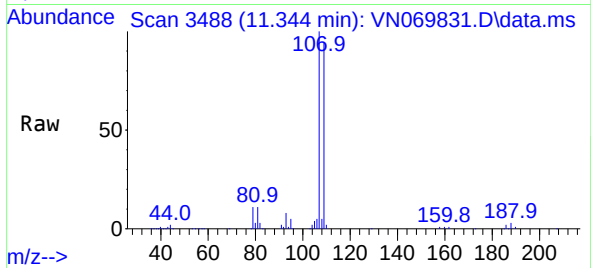




#61  
1,2-Dibromoethane  
Concen: 18.57 ug/l  
RT: 11.344 min Scan# 3488  
Delta R.T. -0.003 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

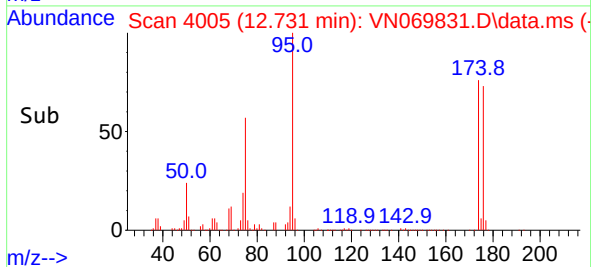
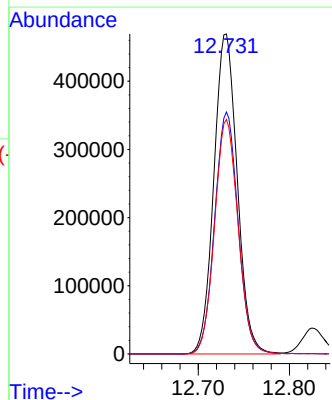
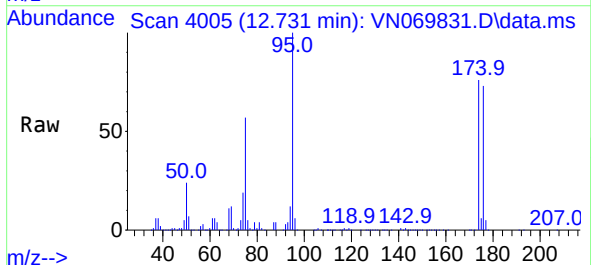
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1207WBS02

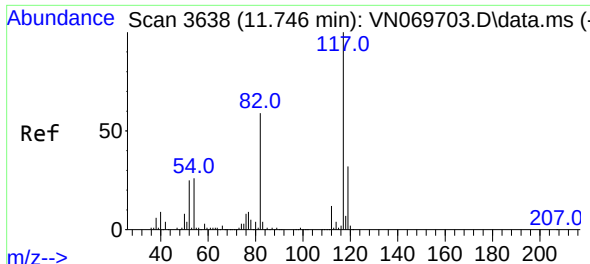
Tgt Ion:107 Resp: 262271  
Ion Ratio Lower Upper  
107 100  
109 94.7 75.7 113.5



#62  
4-Bromofluorobenzene  
Concen: 48.33 ug/l  
RT: 12.731 min Scan# 4005  
Delta R.T. -0.000 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

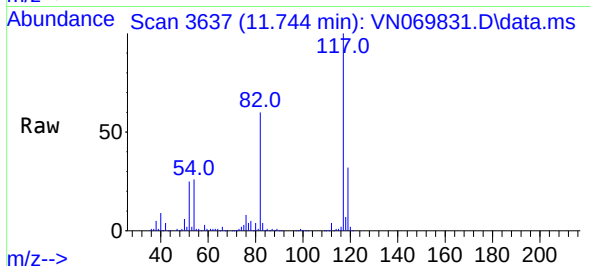
Tgt Ion: 95 Resp: 837648  
Ion Ratio Lower Upper  
95 100  
174 75.6 0.0 187.2  
176 73.4 0.0 181.4





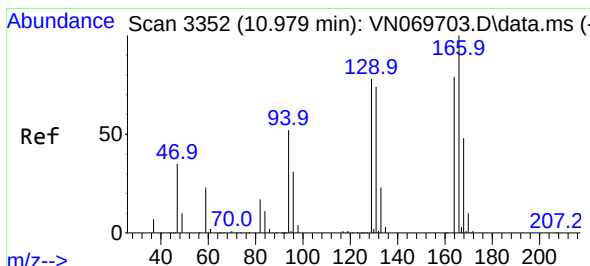
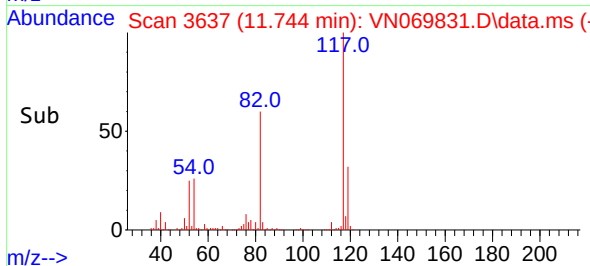
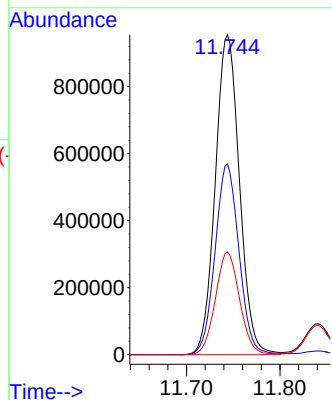
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.744 min Scan# 3638  
Delta R.T. -0.002 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1207WBS02



Tgt Ion:117 Resp: 1718629

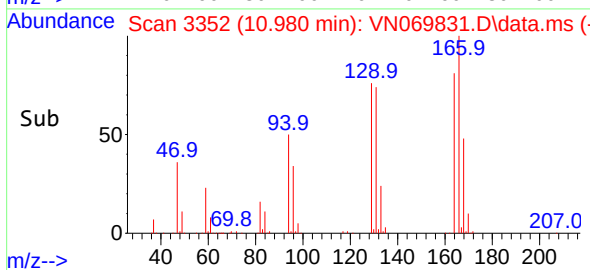
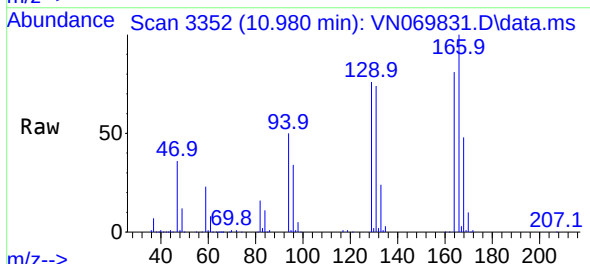
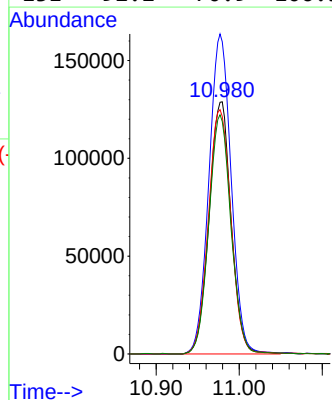
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 82  | 59.6  | 42.4  | 63.6  |
| 119 | 32.2  | 25.4  | 38.2  |

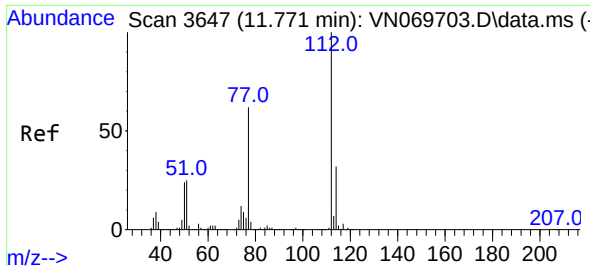


#64  
Tetrachloroethene  
Concen: 20.41 ug/l  
RT: 10.980 min Scan# 3352  
Delta R.T. 0.001 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

Tgt Ion:164 Resp: 237871

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 166 | 123.8 | 101.9 | 152.9 |
| 129 | 94.1  | 72.0  | 108.0 |
| 131 | 92.2  | 70.9  | 106.3 |

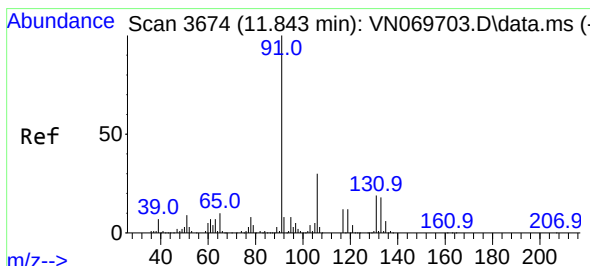
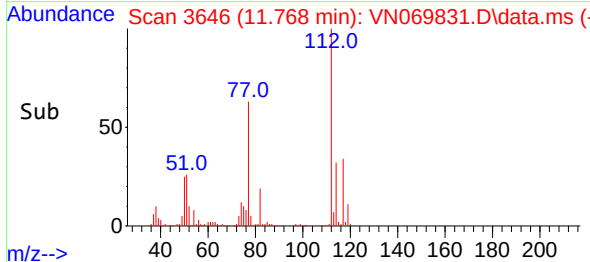
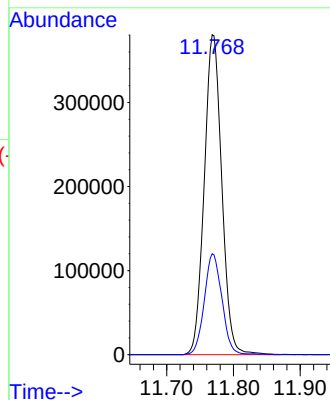
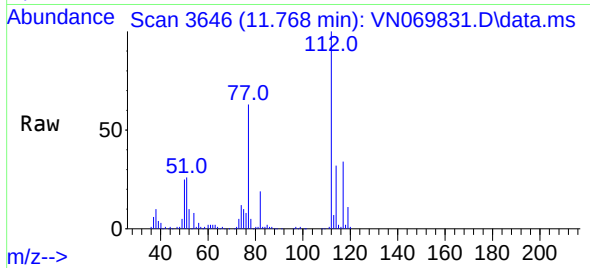




#65  
Chlorobenzene  
Concen: 19.93 ug/l  
RT: 11.768 min Scan# 3646  
Delta R.T. -0.003 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

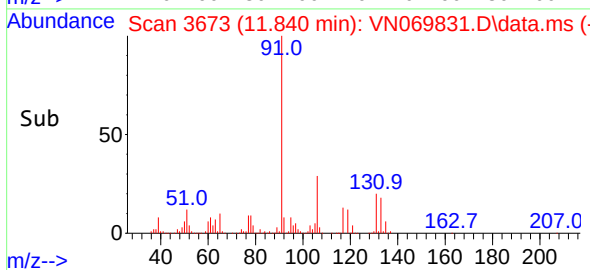
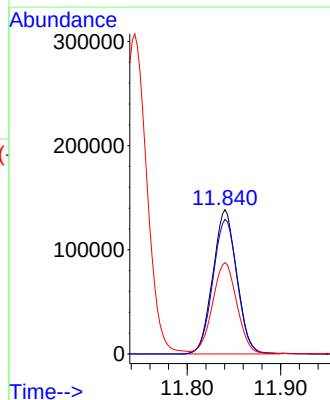
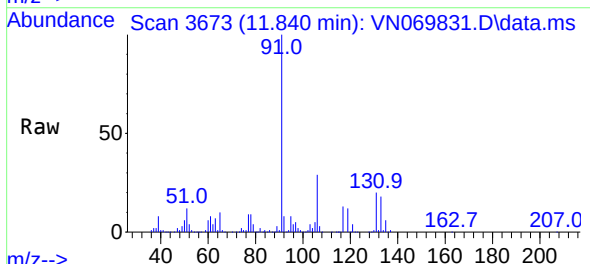
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1207WBS02

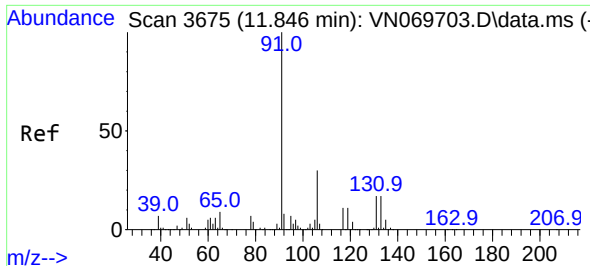
Tgt Ion:112 Resp: 694862  
Ion Ratio Lower Upper  
112 100  
114 31.6 25.4 38.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.17 ug/l  
RT: 11.840 min Scan# 3673  
Delta R.T. -0.003 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

Tgt Ion:131 Resp: 247580  
Ion Ratio Lower Upper  
131 100  
133 95.1 47.9 143.7  
119 64.5 32.1 96.5

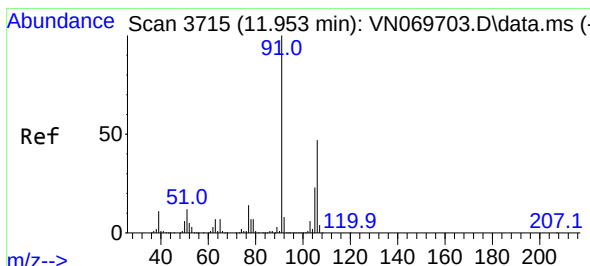
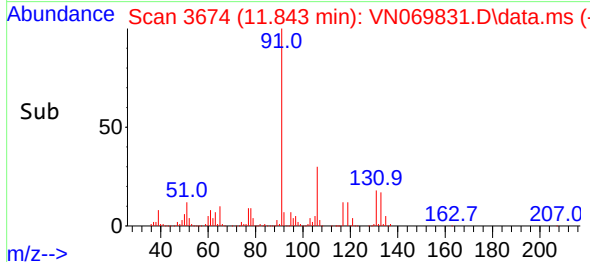
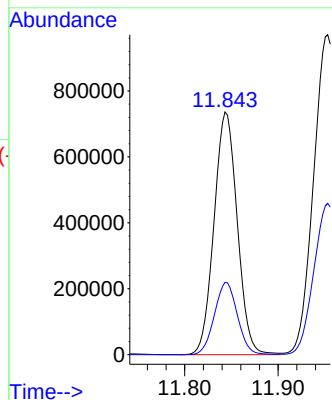
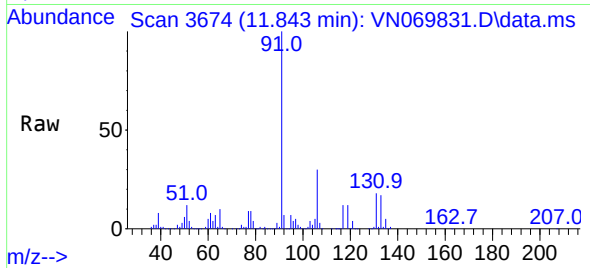




#67  
Ethyl Benzene  
Concen: 20.12 ug/l  
RT: 11.843 min Scan# 3675  
Delta R.T. -0.003 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

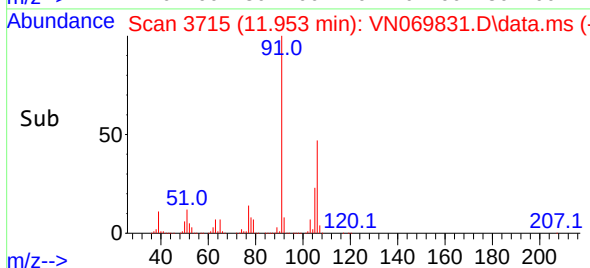
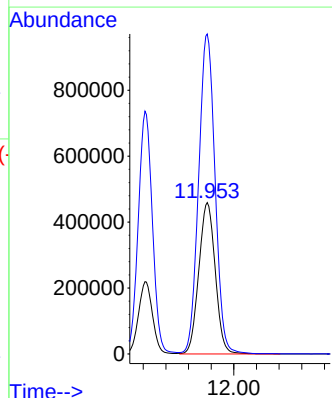
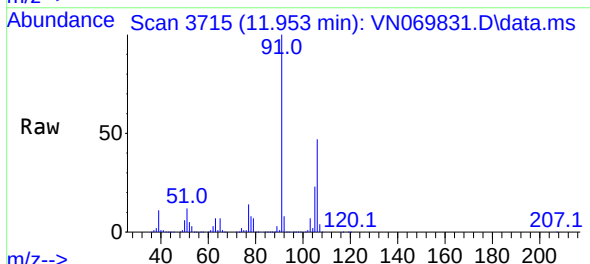
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1207WBS02

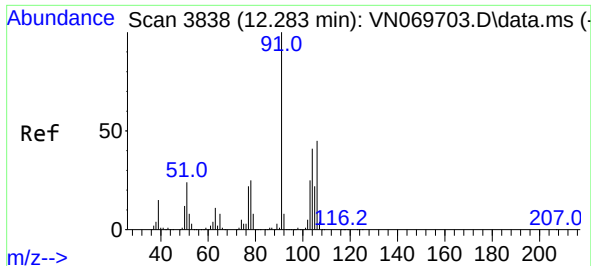
Tgt Ion: 91 Resp: 1274498  
Ion Ratio Lower Upper  
91 100  
106 29.8 25.7 38.5



#68  
m/p-Xylenes  
Concen: 40.04 ug/l  
RT: 11.953 min Scan# 3715  
Delta R.T. 0.000 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

Tgt Ion:106 Resp: 923332  
Ion Ratio Lower Upper  
106 100  
91 211.1 160.6 240.8

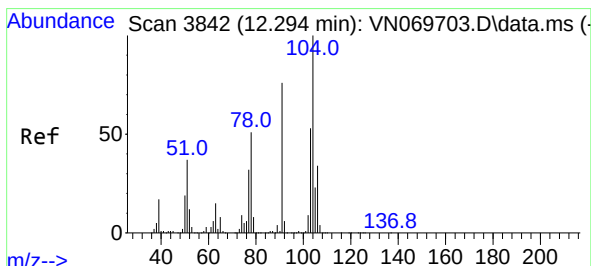
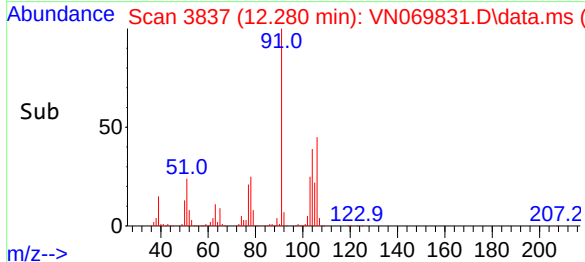
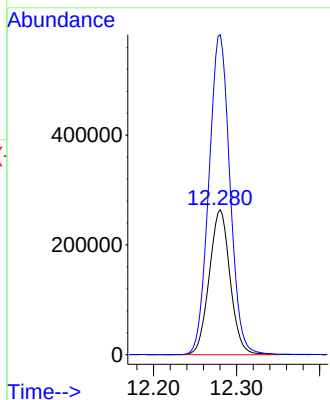
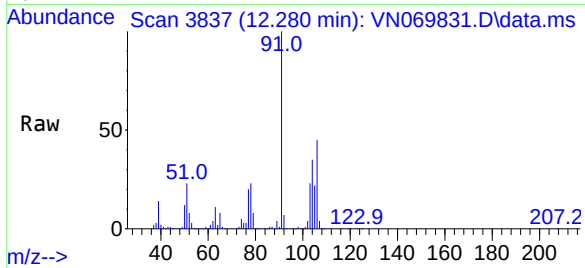




#69  
o-Xylene  
Concen: 19.80 ug/l  
RT: 12.280 min Scan# 3837  
Delta R.T. -0.003 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

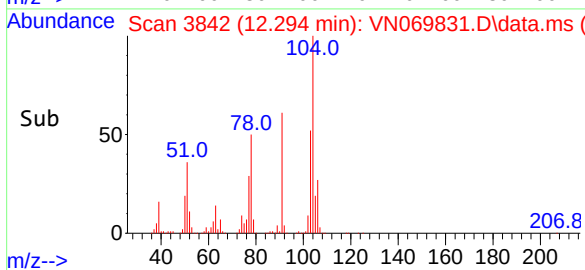
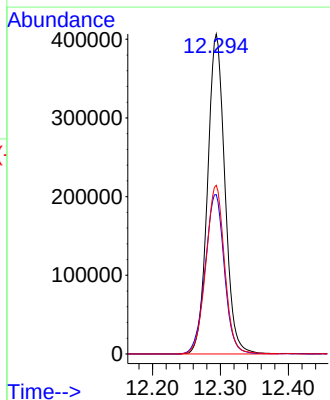
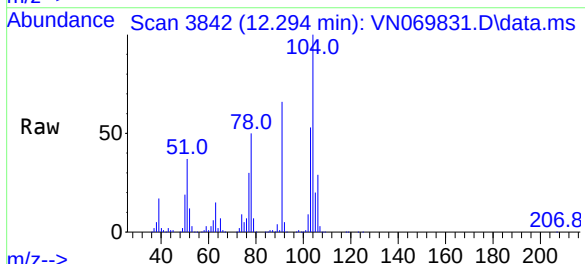
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1207WBS02

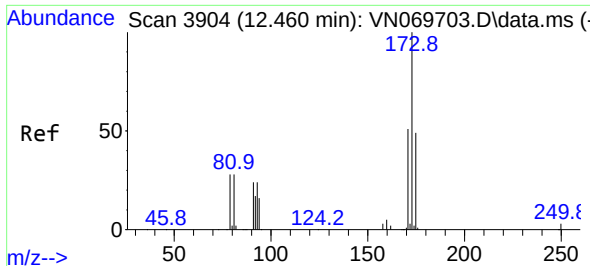
Tgt Ion:106 Resp: 459985  
Ion Ratio Lower Upper  
106 100  
91 223.6 105.8 317.3



#70  
Styrene  
Concen: 19.61 ug/l  
RT: 12.294 min Scan# 3842  
Delta R.T. -0.000 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

Tgt Ion:104 Resp: 722259  
Ion Ratio Lower Upper  
104 100  
78 55.3 38.7 58.1  
103 56.9 45.0 67.6

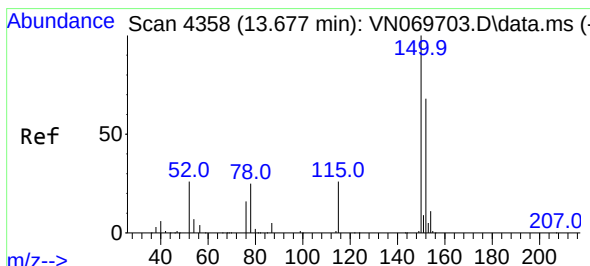
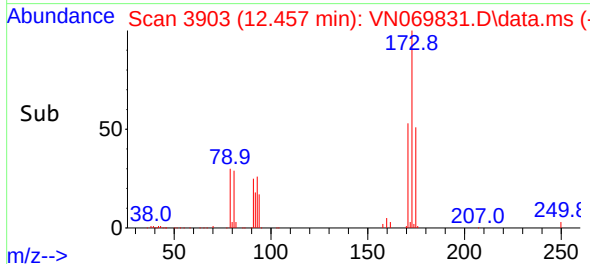
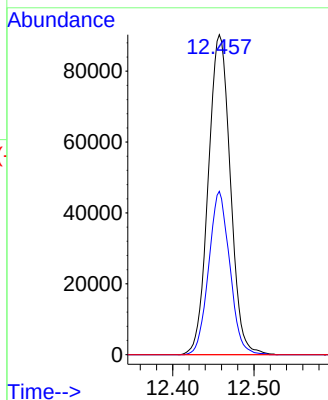
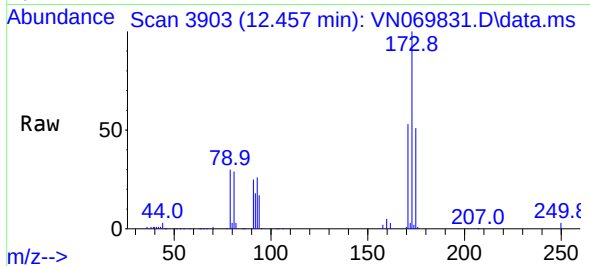




#71  
Bromoform  
Concen: 18.08 ug/l  
RT: 12.457 min Scan# 3904  
Delta R.T. -0.003 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

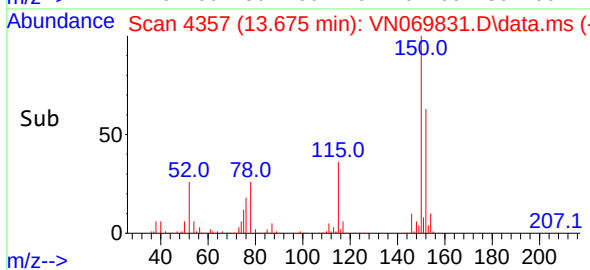
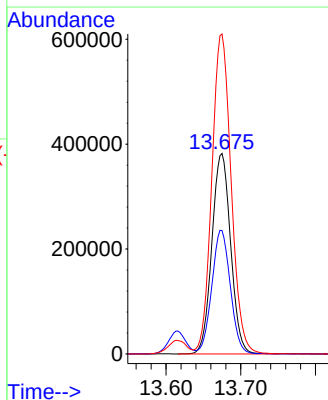
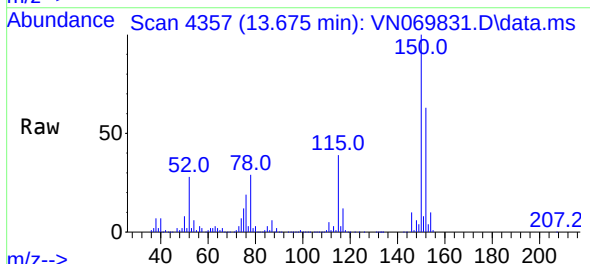
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1207WBS02

Tgt Ion:173 Resp: 170380  
Ion Ratio Lower Upper  
173 100  
175 48.8 24.2 72.6  
254 0.0 0.0 0.0

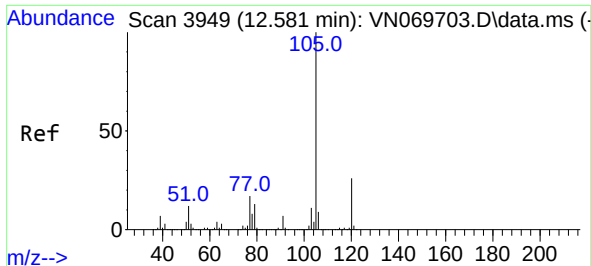


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.675 min Scan# 4357  
Delta R.T. -0.003 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

Tgt Ion:152 Resp: 665925  
Ion Ratio Lower Upper  
152 100  
115 60.6 27.5 82.5  
150 164.2 0.0 344.4

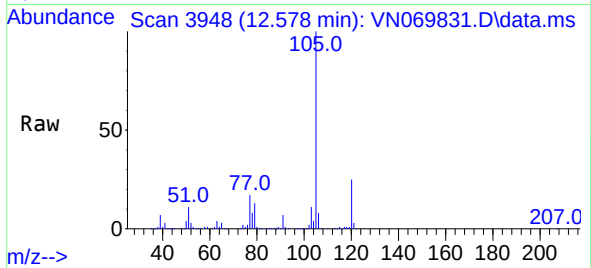




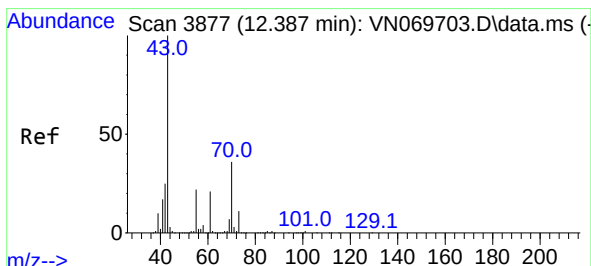
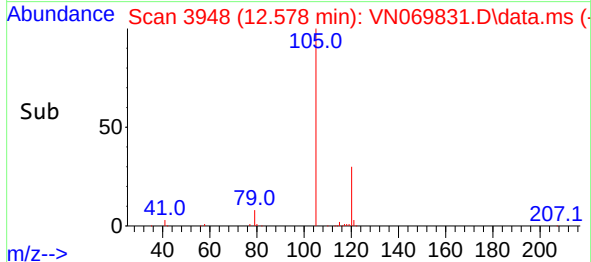
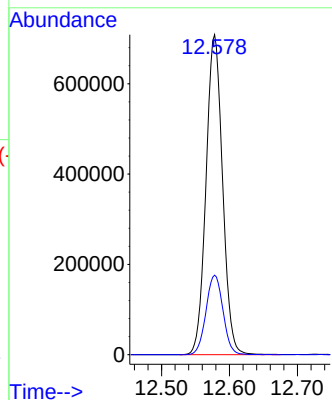


#73  
Isopropylbenzene  
Concen: 20.21 ug/l  
RT: 12.578 min Scan# 3948  
Delta R.T. -0.003 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1207WBS02

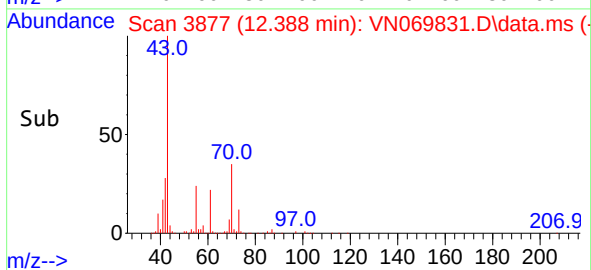
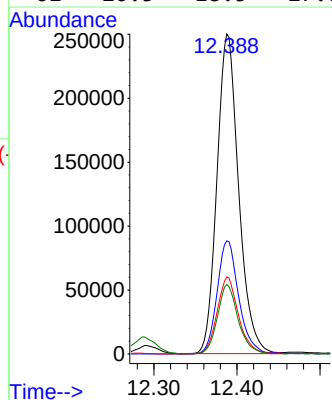
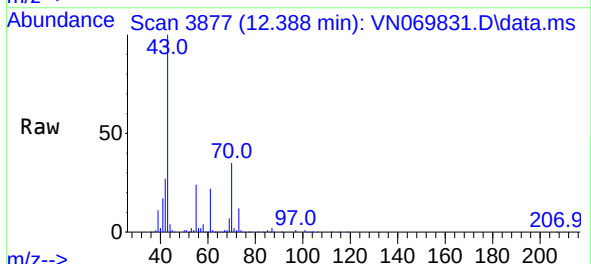


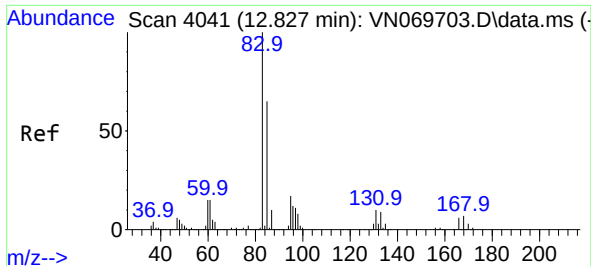
Tgt Ion:105 Resp: 1197578  
Ion Ratio Lower Upper  
105 100  
120 25.5 13.4 40.1



#74  
N-ethyl acetate  
Concen: 17.34 ug/l  
RT: 12.388 min Scan# 3877  
Delta R.T. 0.000 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

Tgt Ion: 43 Resp: 454225  
Ion Ratio Lower Upper  
43 100  
70 35.4 33.4 50.0  
55 23.7 19.3 28.9  
61 20.5 18.5 27.7

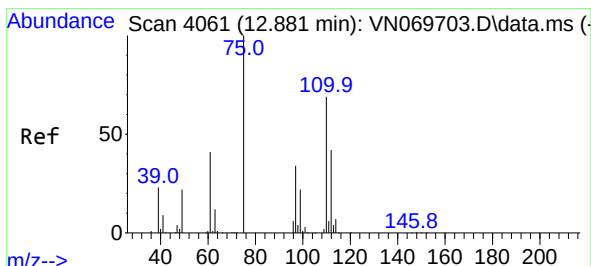
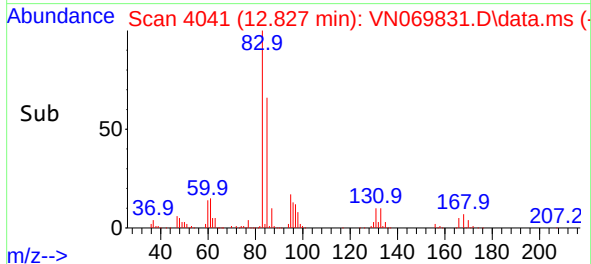
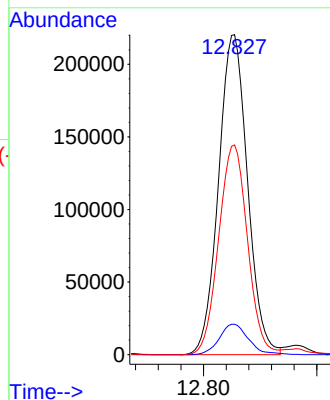
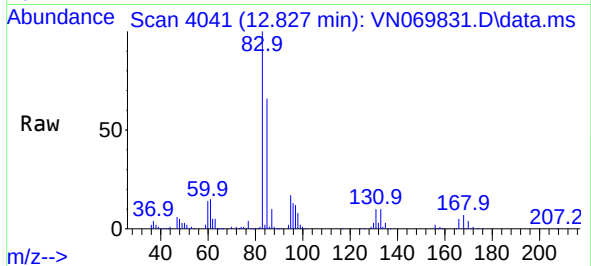




#75  
1,1,2,2-Tetrachloroethane  
Concen: 19.12 ug/l  
RT: 12.827 min Scan# 4041  
Delta R.T. 0.000 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

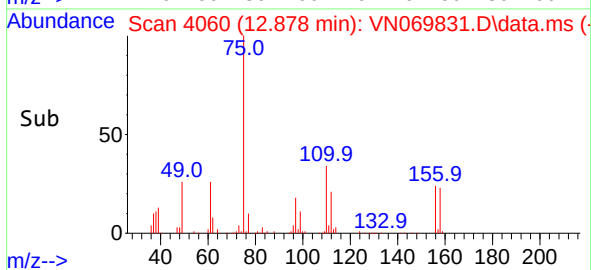
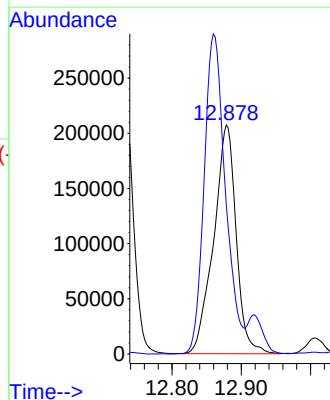
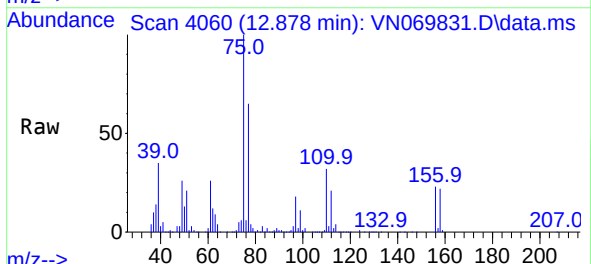
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1207WBS02

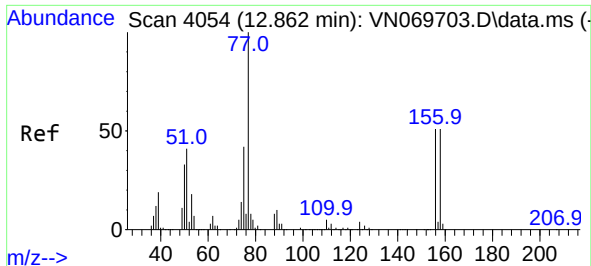
Tgt Ion: 83 Resp: 391816  
Ion Ratio Lower Upper  
83 100  
131 9.6 5.5 16.5  
85 65.2 32.4 97.2



#76  
1,2,3-Trichloropropane  
Concen: 24.47 ug/l  
RT: 12.878 min Scan# 4060  
Delta R.T. -0.003 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

Tgt Ion: 75 Resp: 467381  
Ion Ratio Lower Upper  
75 100  
77 132.6 82.6 247.8

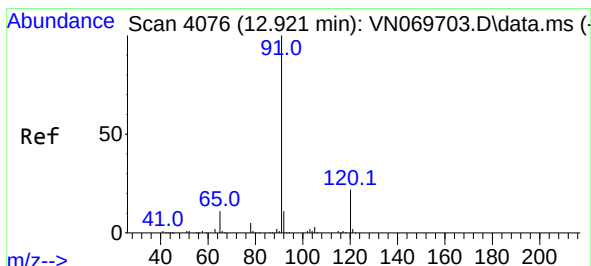
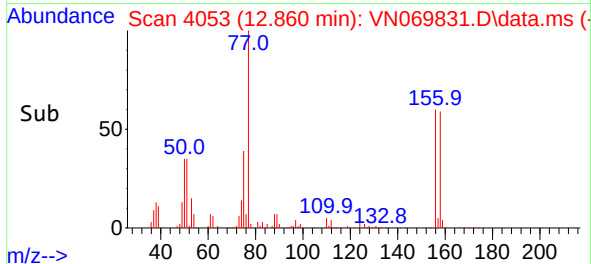
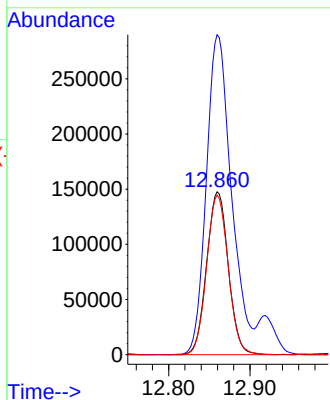
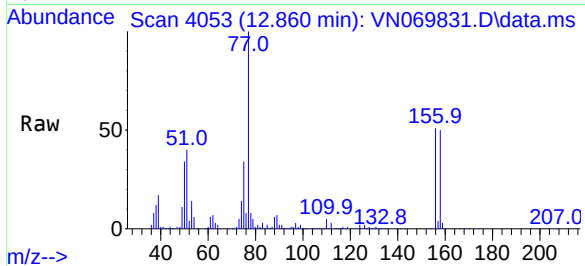




#77  
Bromobenzene  
Concen: 19.66 ug/l  
RT: 12.860 min Scan# 4054  
Delta R.T. -0.003 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

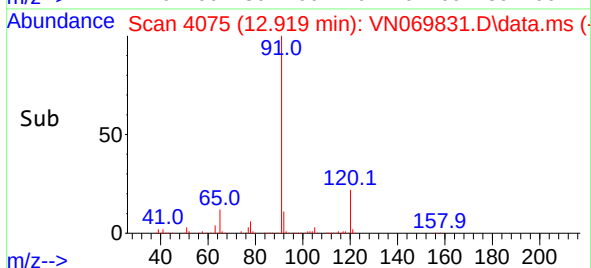
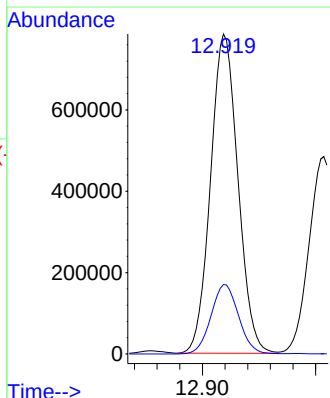
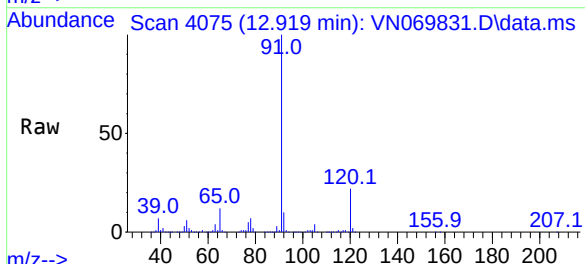
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1207WBS02

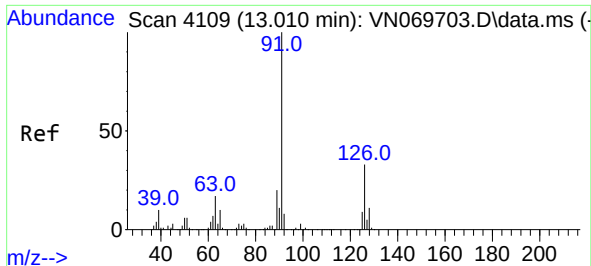
Tgt Ion:156 Resp: 273548  
Ion Ratio Lower Upper  
156 100  
77 226.6 90.6 271.8  
158 97.5 48.9 146.7



#78  
n-propylbenzene  
Concen: 19.97 ug/l  
RT: 12.919 min Scan# 4075  
Delta R.T. -0.003 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

Tgt Ion: 91 Resp: 1316829  
Ion Ratio Lower Upper  
91 100  
120 21.9 11.9 35.9

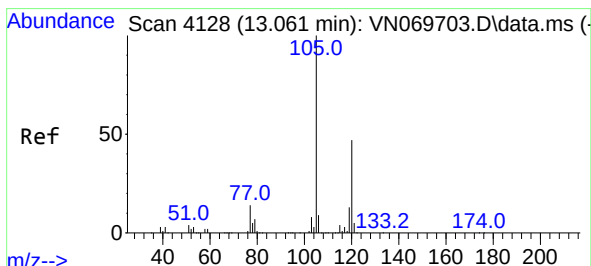
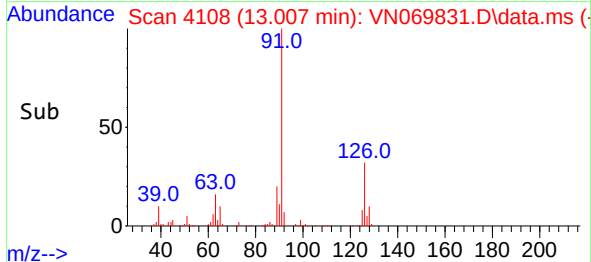
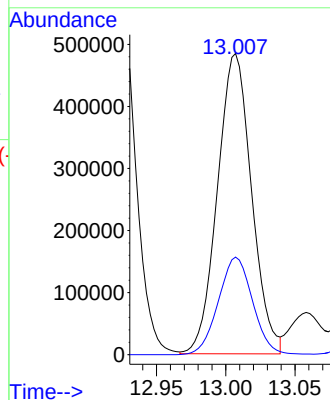
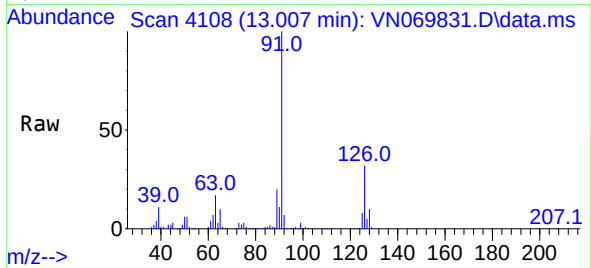




#79  
2-Chlorotoluene  
Concen: 19.94 ug/l  
RT: 13.007 min Scan# 4109  
Delta R.T. -0.003 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

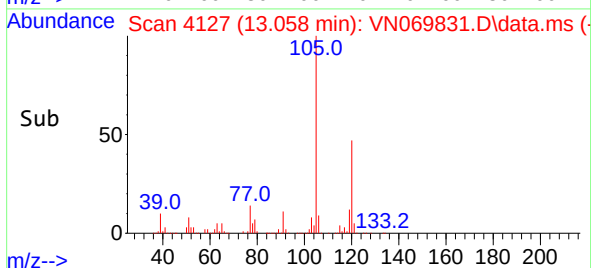
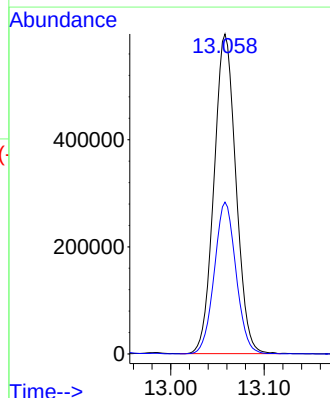
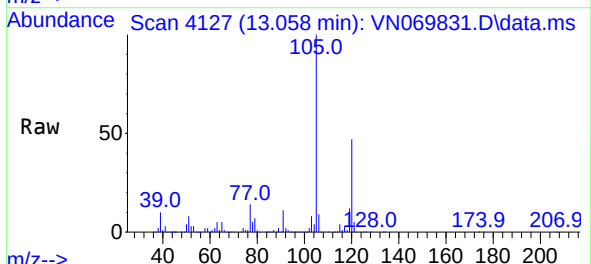
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1207WBS02

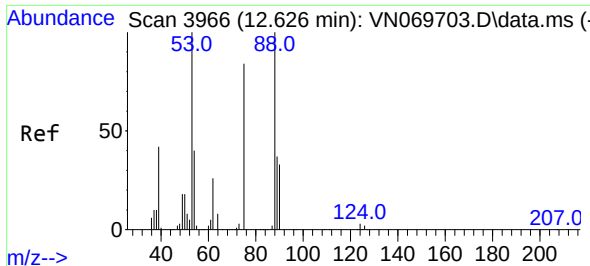
Tgt Ion: 91 Resp: 830636  
Ion Ratio Lower Upper  
91 100  
126 32.7 18.3 54.8



#80  
1,3,5-Trimethylbenzene  
Concen: 20.44 ug/l  
RT: 13.058 min Scan# 4127  
Delta R.T. -0.003 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

Tgt Ion: 105 Resp: 974708  
Ion Ratio Lower Upper  
105 100  
120 46.9 24.6 73.6

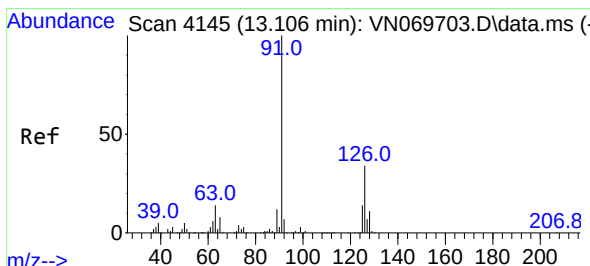
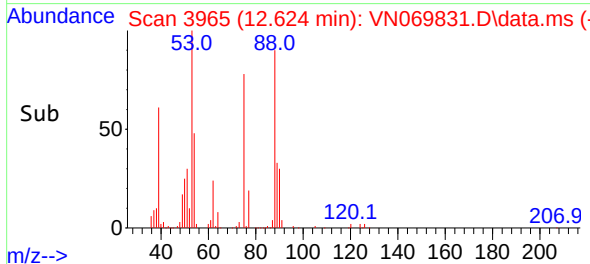
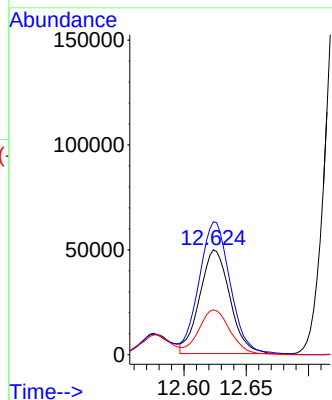
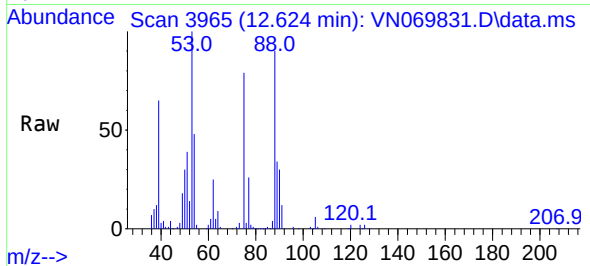




#81  
trans-1,4-Dichloro-2-butene  
Concen: 17.20 ug/l  
RT: 12.624 min Scan# 3966  
Delta R.T. -0.002 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

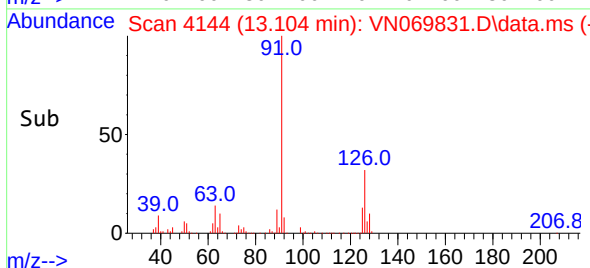
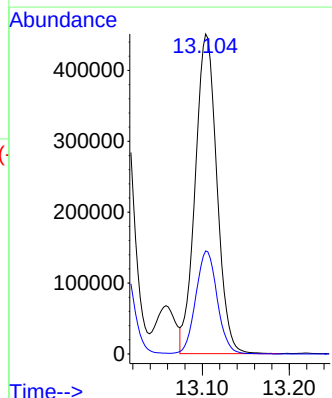
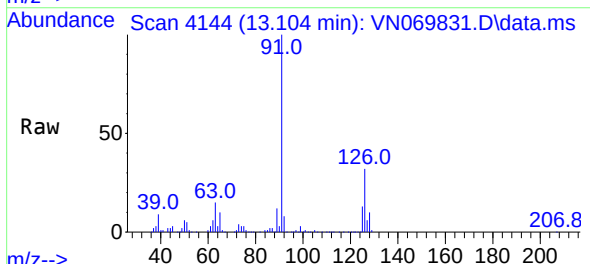
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1207WBS02

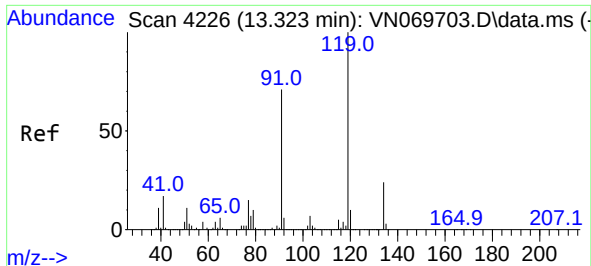
Tgt Ion: 75 Resp: 83432  
Ion Ratio Lower Upper  
75 100  
53 134.4 90.5 135.7  
89 45.0 38.2 57.4



#82  
4-Chlorotoluene  
Concen: 19.90 ug/l  
RT: 13.104 min Scan# 4144  
Delta R.T. -0.003 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

Tgt Ion: 91 Resp: 779739  
Ion Ratio Lower Upper  
91 100  
126 31.9 18.2 54.6

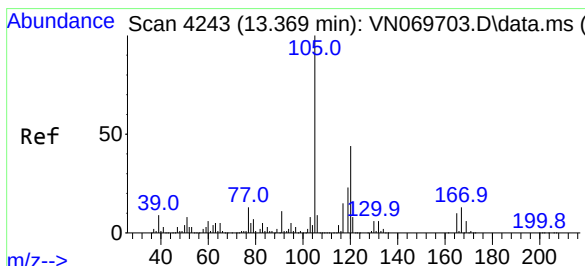
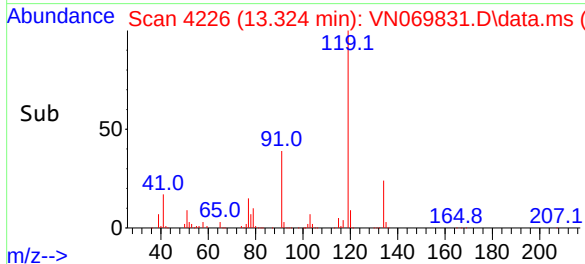
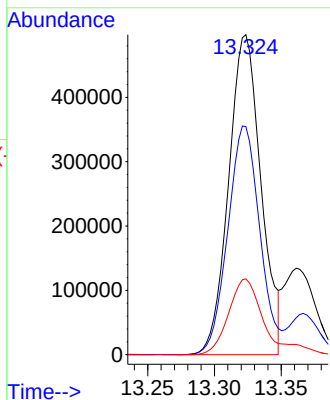
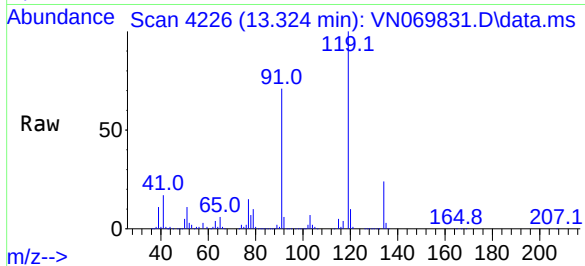




#83  
tert-Butylbenzene  
Concen: 19.88 ug/l  
RT: 13.324 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

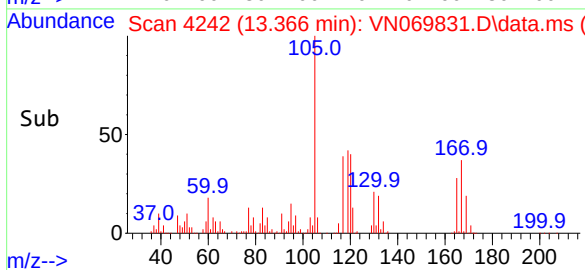
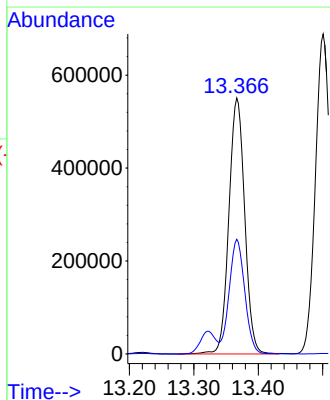
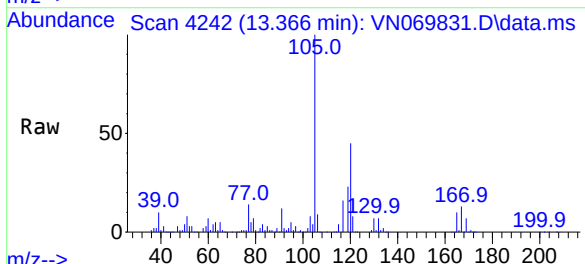
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1207WBS02

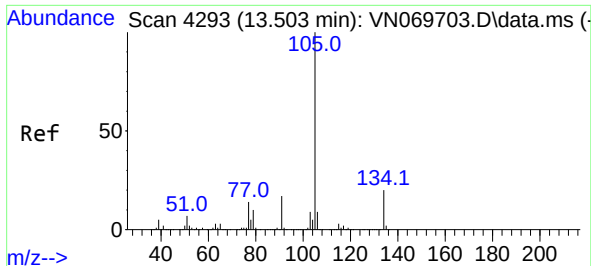
Tgt Ion:119 Resp: 839590  
Ion Ratio Lower Upper  
119 100  
91 70.9 31.5 94.5  
134 26.2 12.4 37.4



#84  
1,2,4-Trimethylbenzene  
Concen: 20.62 ug/l  
RT: 13.366 min Scan# 4242  
Delta R.T. -0.003 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

Tgt Ion:105 Resp: 936393  
Ion Ratio Lower Upper  
105 100  
120 44.1 22.8 68.4

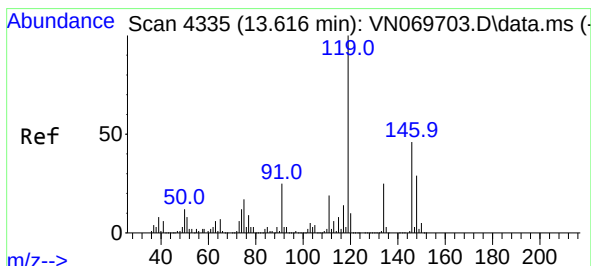
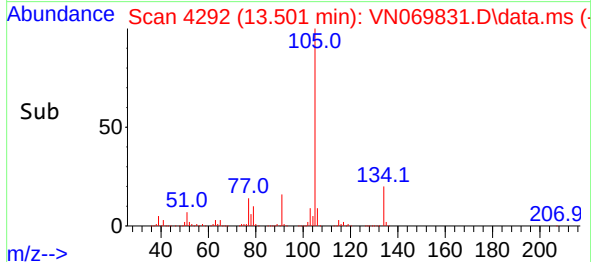
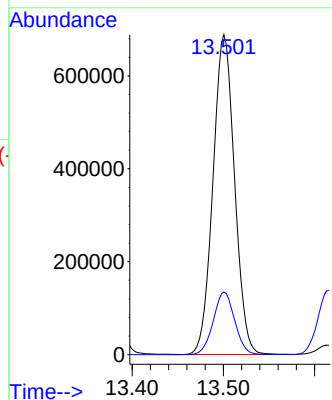
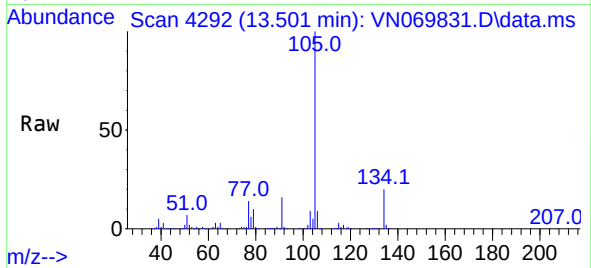




#85  
 sec-Butylbenzene  
 Concen: 19.75 ug/l  
 RT: 13.501 min Scan# 41  
 Delta R.T. -0.003 min  
 Lab File: VN069831.D  
 Acq: 7 Dec 2021 23:27

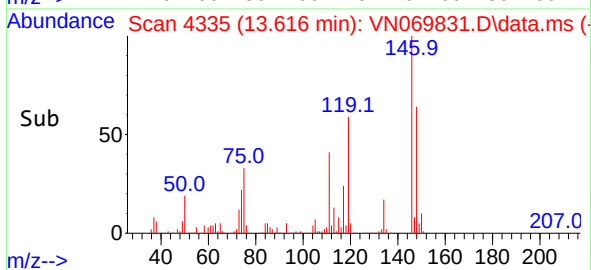
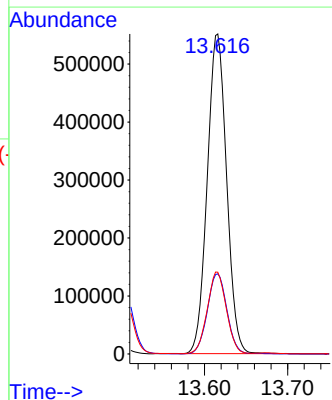
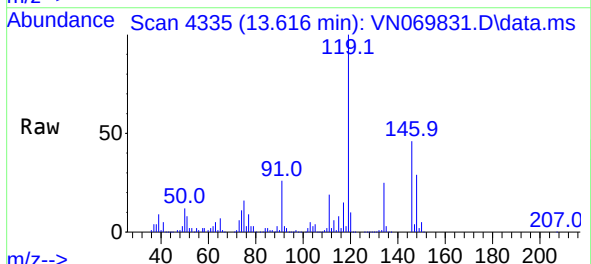
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1207WBS02

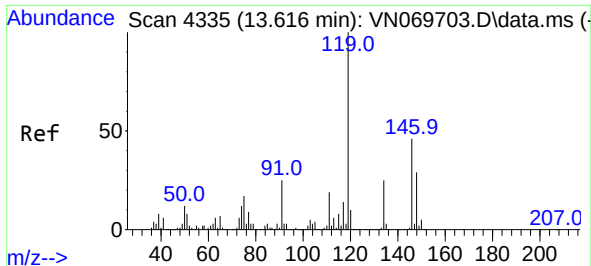
Tgt Ion:105 Resp: 1131138  
 Ion Ratio Lower Upper  
 105 100  
 134 19.5 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 19.87 ug/l  
 RT: 13.616 min Scan# 4335  
 Delta R.T. 0.000 min  
 Lab File: VN069831.D  
 Acq: 7 Dec 2021 23:27

Tgt Ion:119 Resp: 889380  
 Ion Ratio Lower Upper  
 119 100  
 134 25.2 13.6 40.7  
 91 25.2 11.4 34.1

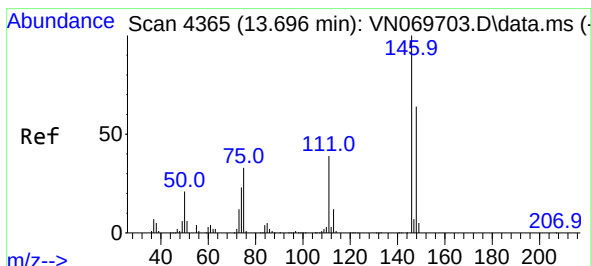
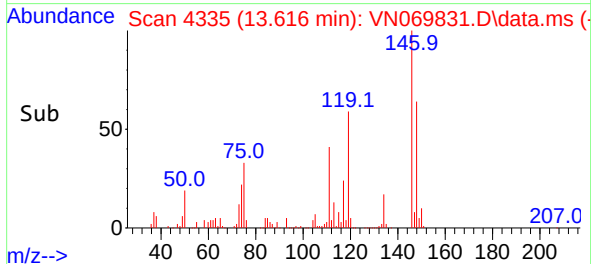
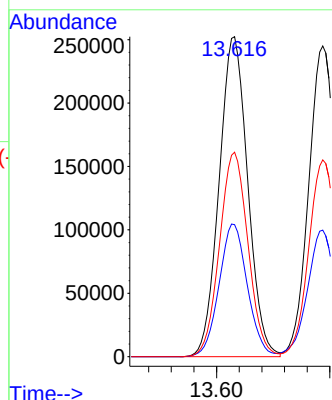
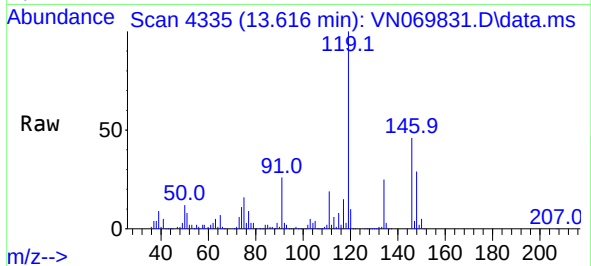




#87  
1,3-Dichlorobenzene  
Concen: 19.34 ug/l  
RT: 13.616 min Scan# 4335  
Delta R.T. 0.000 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

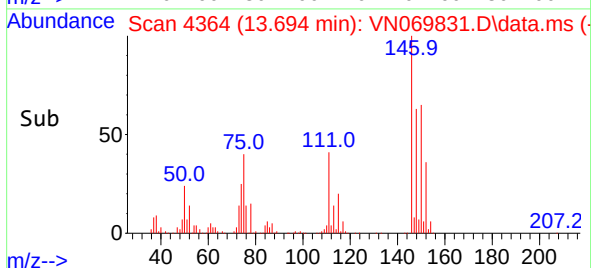
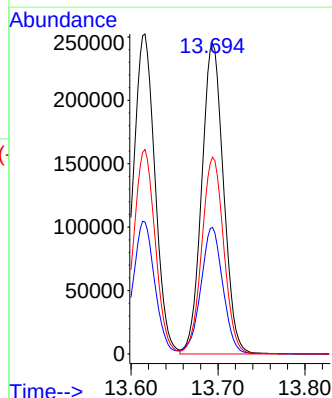
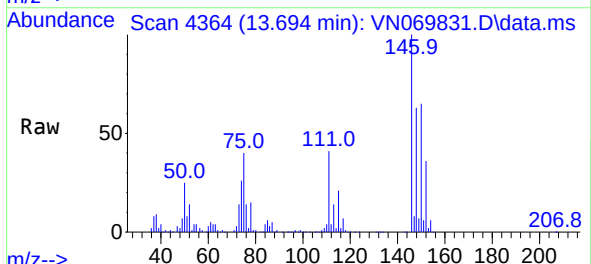
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1207WBS02

Tgt Ion:146 Resp: 442108  
Ion Ratio Lower Upper  
146 100  
111 41.1 18.6 55.6  
148 63.7 31.6 95.0

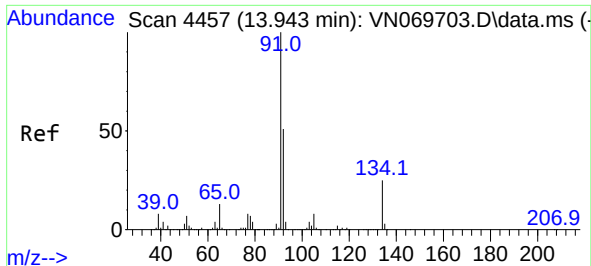


#88  
1,4-Dichlorobenzene  
Concen: 19.00 ug/l  
RT: 13.694 min Scan# 4364  
Delta R.T. -0.003 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

Tgt Ion:146 Resp: 426977  
Ion Ratio Lower Upper  
146 100  
111 40.9 18.3 54.8  
148 63.7 31.8 95.4



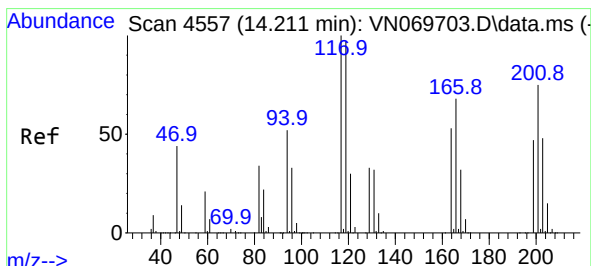
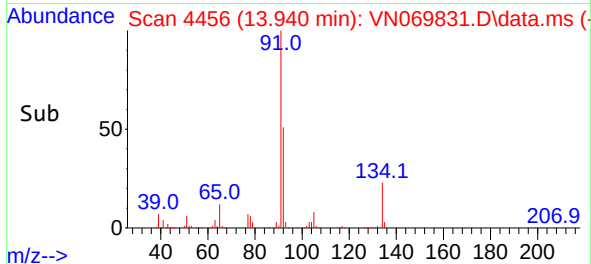
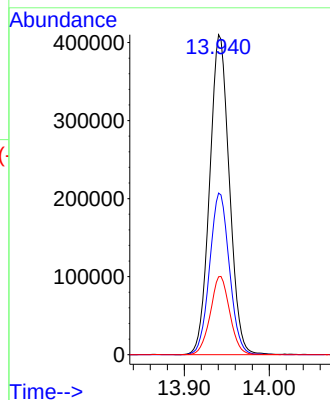
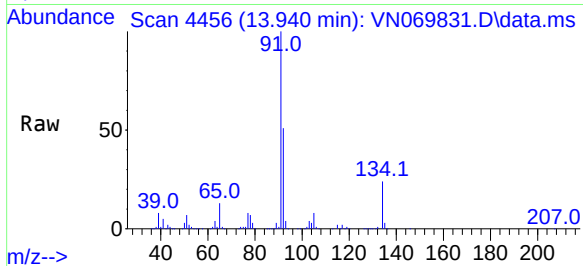




#89  
n-Butylbenzene  
Concen: 18.14 ug/l  
RT: 13.940 min Scan# 4457  
Delta R.T. -0.003 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

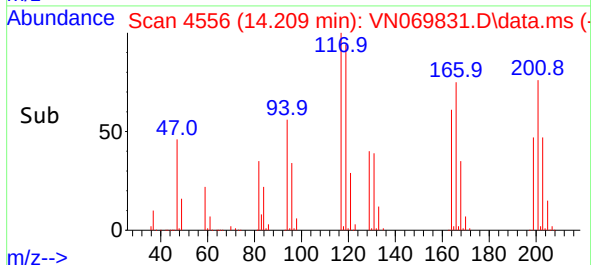
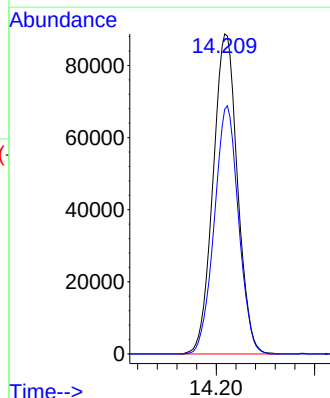
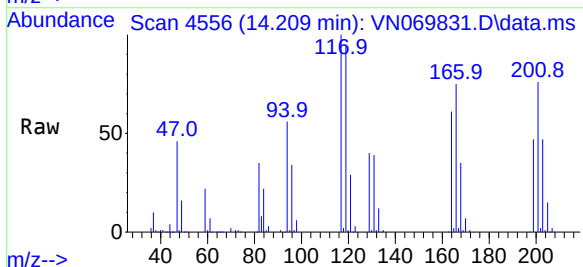
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1207WBS02

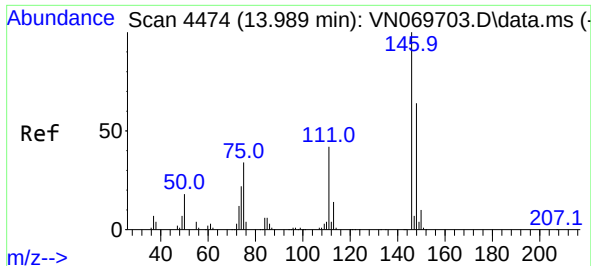
Tgt Ion: 91 Resp: 658868  
Ion Ratio Lower Upper  
91 100  
92 50.8 25.4 76.0  
134 24.2 13.6 40.8



#90  
Hexachloroethane  
Concen: 19.49 ug/l  
RT: 14.209 min Scan# 4556  
Delta R.T. -0.003 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

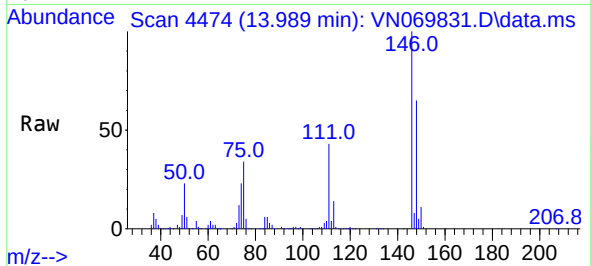
Tgt Ion: 117 Resp: 153178  
Ion Ratio Lower Upper  
117 100  
201 76.8 43.9 131.6



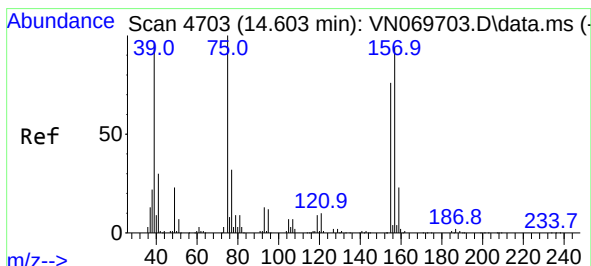
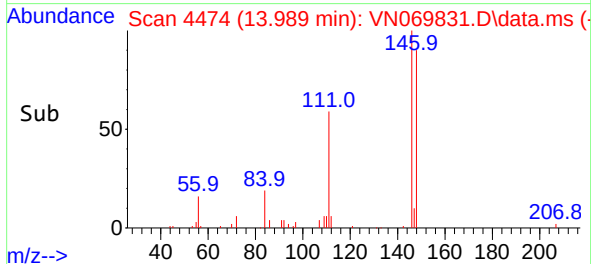
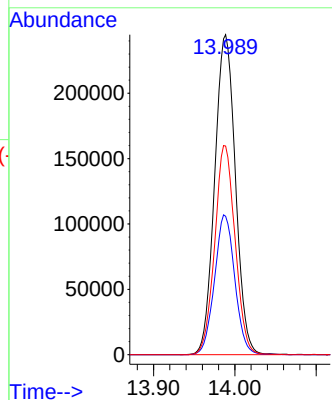


#91  
1,2-Dichlorobenzene  
Concen: 19.49 ug/l  
RT: 13.989 min Scan# 4474  
Delta R.T. 0.000 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1207WBS02

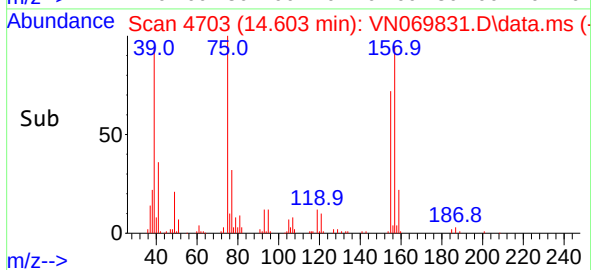
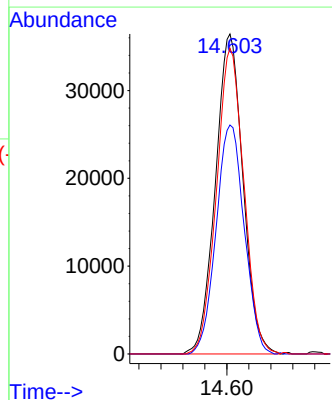
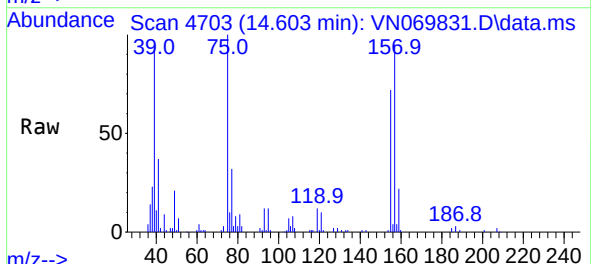


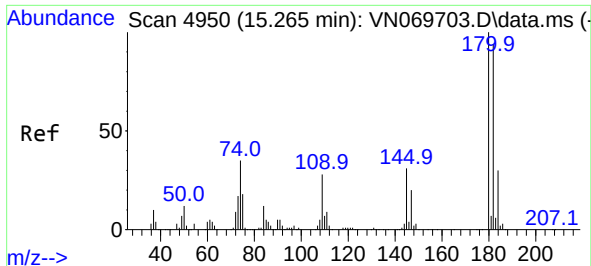
Tgt Ion:146 Resp: 434180  
Ion Ratio Lower Upper  
146 100  
111 42.7 19.1 57.3  
148 64.3 32.1 96.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 17.11 ug/l  
RT: 14.603 min Scan# 4703  
Delta R.T. 0.000 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

Tgt Ion: 75 Resp: 63360  
Ion Ratio Lower Upper  
75 100  
155 73.1 46.9 140.7  
157 95.0 60.6 181.7

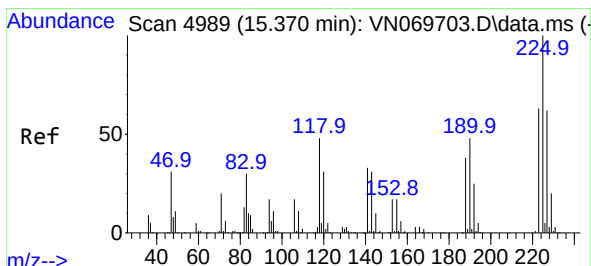
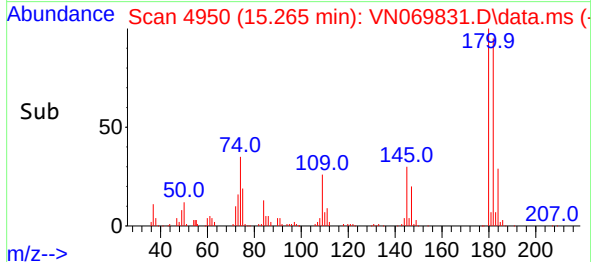
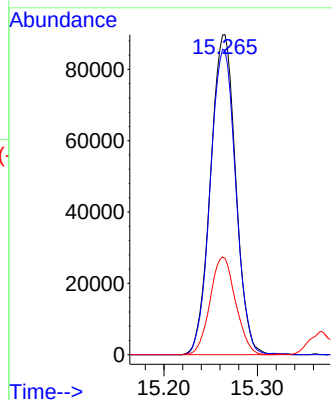
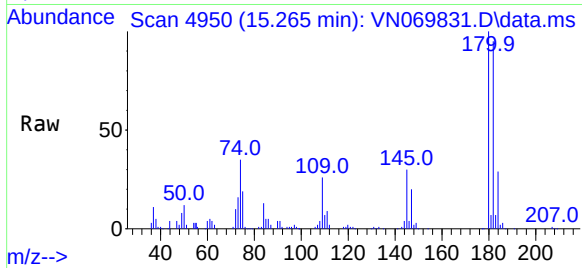




#93  
1,2,4-Trichlorobenzene  
Concen: 17.38 ug/l  
RT: 15.265 min Scan# 4950  
Delta R.T. 0.000 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

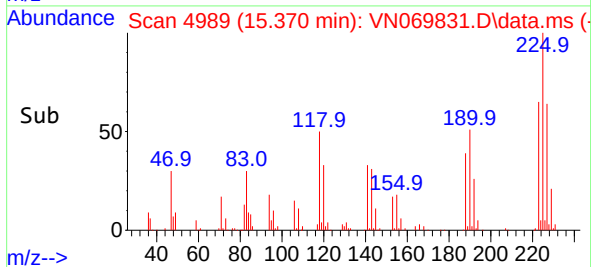
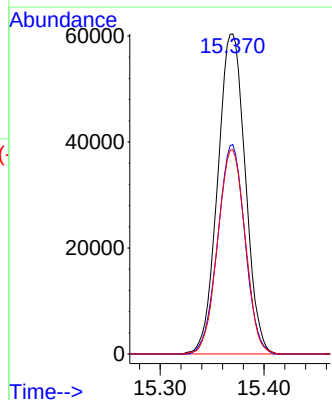
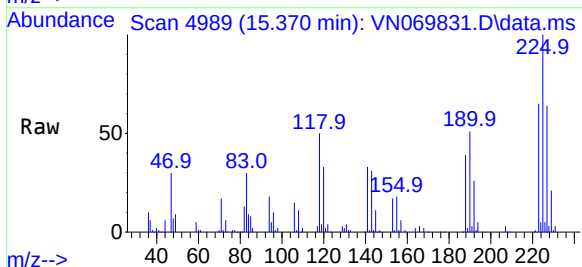
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1207WBS02

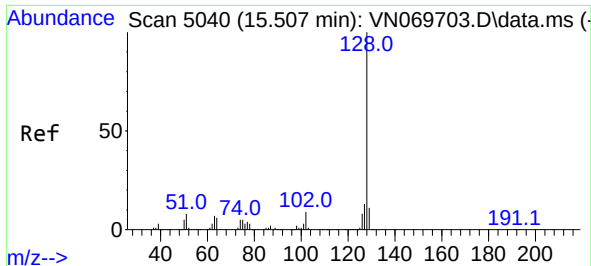
Tgt Ion:180 Resp: 168066  
Ion Ratio Lower Upper  
180 100  
182 96.2 48.3 144.9  
145 30.9 14.5 43.5



#94  
Hexachlorobutadiene  
Concen: 18.90 ug/l  
RT: 15.370 min Scan# 4989  
Delta R.T. 0.000 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

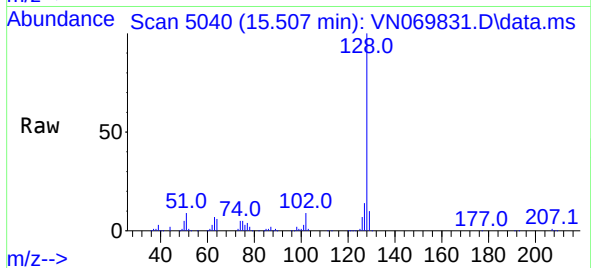
Tgt Ion:225 Resp: 111553  
Ion Ratio Lower Upper  
225 100  
223 64.3 31.9 95.7  
227 63.5 32.1 96.3



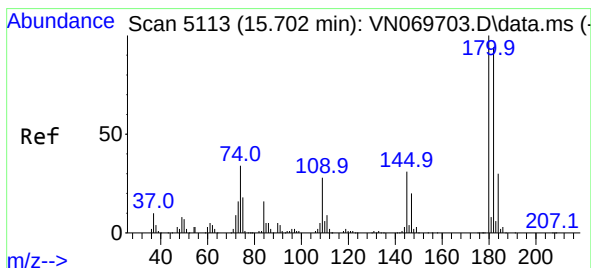
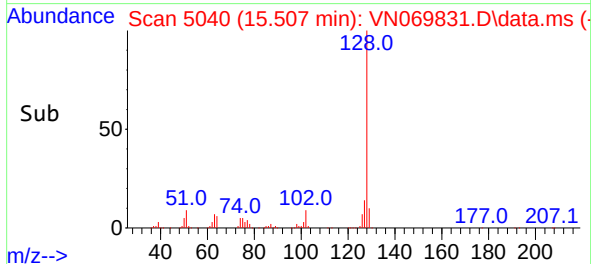
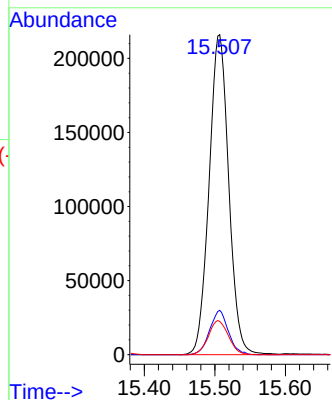


#95  
Naphthalene  
Concen: 15.82 ug/l  
RT: 15.507 min Scan# 5040  
Delta R.T. -0.000 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1207WBS02



Tgt Ion:128 Resp: 418466  
Ion Ratio Lower Upper  
128 100  
127 13.2 10.5 15.7  
129 10.8 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 17.09 ug/l  
RT: 15.700 min Scan# 5112  
Delta R.T. -0.002 min  
Lab File: VN069831.D  
Acq: 7 Dec 2021 23:27

Tgt Ion:180 Resp: 164010  
Ion Ratio Lower Upper  
180 100  
182 95.7 47.4 142.2  
145 32.7 15.0 45.1

