

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN101921\  
 Data File : VN069041.D  
 Acq On : 19 Oct 2021 22:00  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Oct 20 05:51:03 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N101221W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 13 05:44:40 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.088  | 168  | 275100   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.968  | 114  | 501164   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.747 | 117  | 469621   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.678 | 152  | 206137   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.440  | 65    | 193836   | 53.441   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | = 106.880% |      |
| 35) Dibromofluoromethane    | 8.021  | 113   | 149570   | 51.296   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | = 102.600% |      |
| 50) Toluene-d8              | 10.443 | 98    | 606309   | 51.969   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | = 103.940% |      |
| 62) 4-Bromofluorobenzene    | 12.734 | 95    | 230827   | 52.440   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | = 104.880% |      |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.073 | 85  | 156657  | 45.837  | ug/l   | 99  |
| 3) Chloromethane             | 2.301 | 50  | 172509  | 51.304  | ug/l   | 98  |
| 4) Vinyl Chloride            | 2.443 | 62  | 206558  | 60.480  | ug/l   | 100 |
| 5) Bromomethane              | 2.829 | 94  | 131063  | 69.767  | ug/l   | 100 |
| 6) Chloroethane              | 3.003 | 64  | 133182  | 66.169  | ug/l   | 98  |
| 7) Trichlorofluoromethane    | 3.368 | 101 | 260565  | 54.485  | ug/l   | 100 |
| 8) Diethyl Ether             | 3.827 | 74  | 96853   | 54.294  | ug/l   | 98  |
| 9) 1,1,2-Trichlorotrifluo... | 4.210 | 101 | 140879  | 54.785  | ug/l   | 99  |
| 10) Methyl Iodide            | 4.425 | 142 | 192198  | 51.496  | ug/l   | 99  |
| 11) Tert butyl alcohol       | 5.369 | 59  | 168695  | 254.531 | ug/l   | 100 |
| 12) 1,1-Dichloroethene       | 4.183 | 96  | 137080  | 51.569  | ug/l   | 97  |
| 13) Acrolein                 | 4.044 | 56  | 90821   | 309.769 | ug/l   | 98  |
| 14) Allyl chloride           | 4.843 | 41  | 238645  | 50.081  | ug/l   | 96  |
| 15) Acrylonitrile            | 5.554 | 53  | 413029  | 278.120 | ug/l   | 100 |
| 16) Acetone                  | 4.285 | 43  | 339685  | 250.956 | ug/l   | 99  |
| 17) Carbon Disulfide         | 4.532 | 76  | 354172  | 49.094  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.854 | 43  | 299487  | 58.333  | ug/l   | 98  |
| 19) Methyl tert-butyl Ether  | 5.618 | 73  | 547407  | 55.306  | ug/l   | 100 |
| 20) Methylene Chloride       | 5.098 | 84  | 167281  | 53.694  | ug/l   | 98  |
| 21) trans-1,2-Dichloroethene | 5.600 | 96  | 148567  | 51.734  | ug/l   | 99  |
| 22) Diisopropyl ether        | 6.495 | 45  | 542701  | 54.766  | ug/l   | 99  |
| 23) Vinyl Acetate            | 6.434 | 43  | 2050265 | 273.680 | ug/l   | 98  |
| 24) 1,1-Dichloroethane       | 6.388 | 63  | 295607  | 54.904  | ug/l   | 100 |
| 25) 2-Butanone               | 7.335 | 43  | 569315  | 278.147 | ug/l   | 98  |
| 26) 2,2-Dichloropropane      | 7.329 | 77  | 222070  | 43.280  | ug/l   | 100 |
| 27) cis-1,2-Dichloroethene   | 7.327 | 96  | 184149  | 53.046  | ug/l   | 99  |
| 28) Bromochloromethane       | 7.659 | 49  | 130339  | 53.449  | ug/l   | 97  |
| 29) Tetrahydrofuran          | 7.683 | 42  | 382087  | 287.791 | ug/l   | 97  |
| 30) Chloroform               | 7.820 | 83  | 320296  | 56.448  | ug/l   | 99  |
| 31) Cyclohexane              | 8.096 | 56  | 270850  | 48.027  | ug/l   | 96  |
| 32) 1,1,1-Trichloroethane    | 8.016 | 97  | 287921  | 54.432  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 8.222 | 75  | 231156  | 53.999  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.413 | 43  | 240313  | 54.356  | ug/l   | 100 |
| 38) Carbon Tetrachloride     | 8.206 | 117 | 246349  | 52.399  | ug/l   | 99  |
| 39) Methylcyclohexane        | 9.462 | 83  | 278721  | 50.587  | ug/l   | 98  |
| 40) Benzene                  | 8.461 | 78  | 697523  | 53.511  | ug/l   | 100 |

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 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Oct 20 05:51:03 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N101221W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 13 05:44:40 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.635  | 41   | 113360   | 50.866  | ug/l   | 91       |
| 42) 1,2-Dichloroethane        | 8.531  | 62   | 258431   | 55.987  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.560  | 43   | 445293   | 57.084  | ug/l   | 98       |
| 44) Trichloroethene           | 9.217  | 130  | 167980   | 51.491  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.491  | 63   | 181772   | 53.740  | ug/l   | 98       |
| 46) Dibromomethane            | 9.577  | 93   | 128307   | 55.571  | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.765  | 83   | 259793   | 54.298  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.561  | 41   | 194210   | 52.987  | ug/l   | 96       |
| 49) 1,4-Dioxane               | 9.569  | 88   | 70467    | 986.919 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone      | 10.331 | 43   | 1271023  | 281.006 | ug/l   | 99       |
| 52) Toluene                   | 10.508 | 92   | 460316   | 54.888  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.719 | 75   | 282947   | 52.207  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.191 | 75   | 291071   | 51.618  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 10.899 | 97   | 182982   | 55.341  | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.762 | 69   | 306585   | 55.225  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 11.047 | 76   | 308532   | 56.589  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.044 | 63   | 412424   | 252.354 | ug/l   | 100      |
| 59) 2-Hexanone                | 11.087 | 43   | 927701   | 286.003 | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.240 | 129  | 197524   | 52.925  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.347 | 107  | 189904   | 55.994  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.980 | 164  | 140205   | 46.345  | ug/l   | 95       |
| 65) Chlorobenzene             | 11.771 | 112  | 491429   | 55.300  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.843 | 131  | 187100   | 53.792  | ug/l   | 100      |
| 67) Ethyl Benzene             | 11.846 | 91   | 912443   | 55.275  | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.956 | 106  | 680577   | 108.759 | ug/l   | 99       |
| 69) o-Xylene                  | 12.283 | 106  | 342338   | 54.655  | ug/l   | 99       |
| 70) Styrene                   | 12.296 | 104  | 570676   | 55.970  | ug/l   | 100      |
| 71) Bromoform                 | 12.460 | 173  | 140688   | 50.493  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.581 | 105  | 909796   | 53.025  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.388 | 43   | 363417   | 55.907  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.830 | 83   | 282209   | 56.915  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.884 | 75   | 350508   | 79.915  | ug/l # | 1        |
| 77) Bromobenzene              | 12.862 | 156  | 198932   | 52.433  | ug/l   | 98       |
| 78) n-propylbenzene           | 12.921 | 91   | 1035031  | 53.679  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 13.010 | 91   | 635372   | 53.461  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.061 | 105  | 754859   | 52.819  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.626 | 75   | 86711    | 47.298  | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 13.106 | 91   | 617734   | 53.789  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.326 | 119  | 654579   | 52.616  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.369 | 105  | 737852   | 53.585  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.503 | 105  | 923133   | 53.579  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.619 | 119  | 740434   | 53.578  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.619 | 146  | 352657   | 53.736  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.696 | 146  | 348218   | 53.461  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.946 | 91   | 618976   | 53.801  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.214 | 117  | 146009   | 50.296  | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene       | 13.991 | 146  | 345305   | 54.165  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.606 | 75   | 52489    | 54.904  | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene    | 15.265 | 180  | 157265   | 45.663  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.373 | 225  | 84375    | 46.481  | ug/l   | 99       |
| 95) Naphthalene               | 15.507 | 128  | 458240   | 48.061  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.703 | 180  | 156553   | 47.648  | ug/l   | 98       |

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Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 25 Sample Multiplier: 1

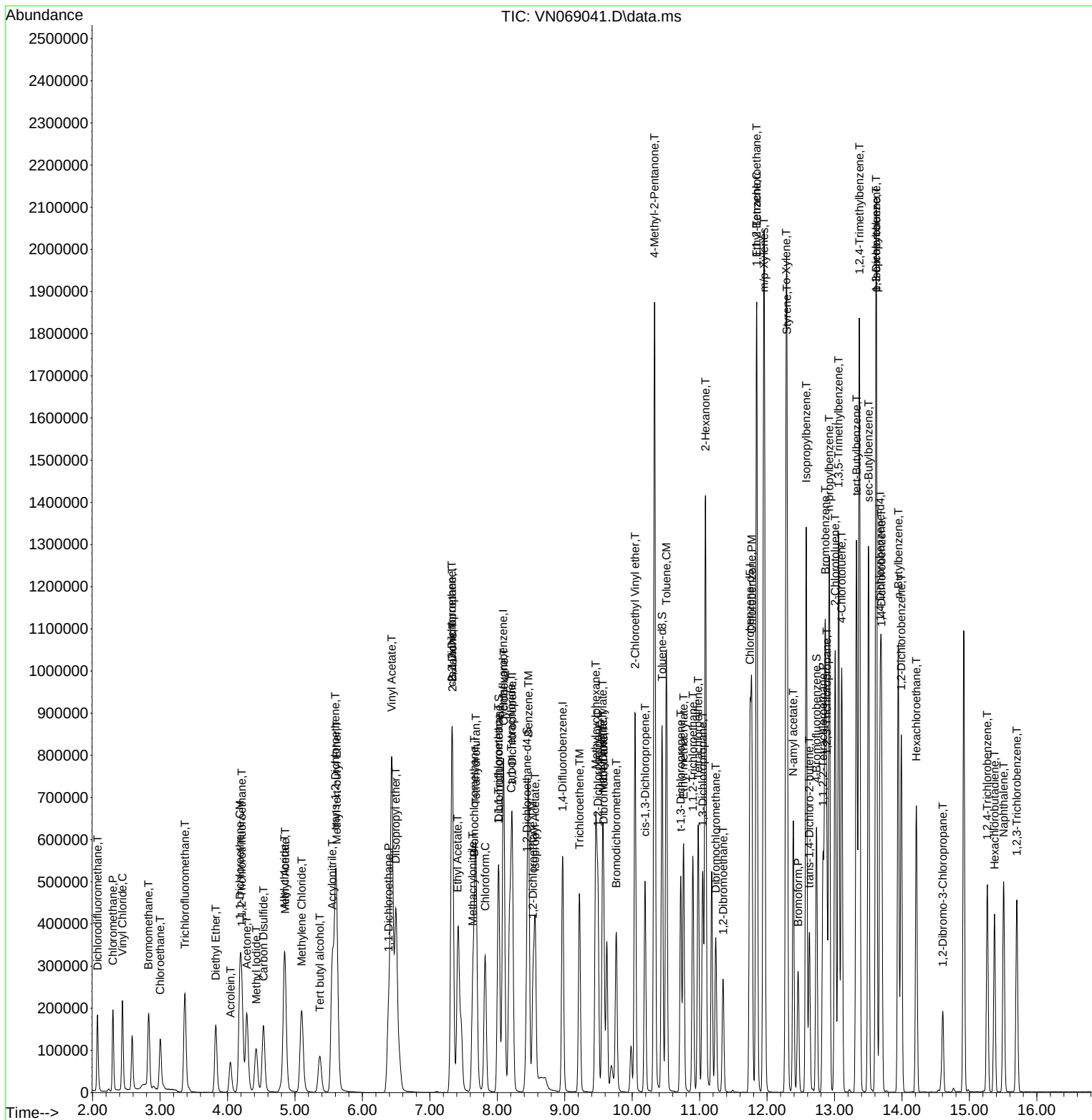
Instrument :  
MSVOA\_N  
ClientSampleId :

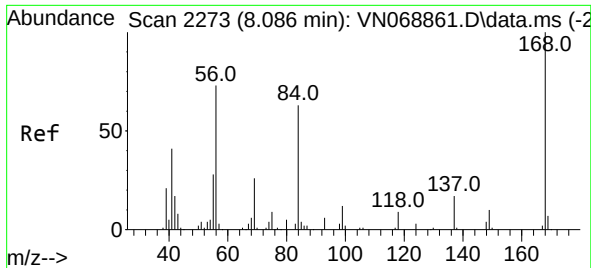
Quant Time: Oct 20 05:51:03 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N101221W.M  
Quant Title : SW846 8260  
QLast Update : Wed Oct 13 05:44:40 2021  
Response via : Initial Calibration

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

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

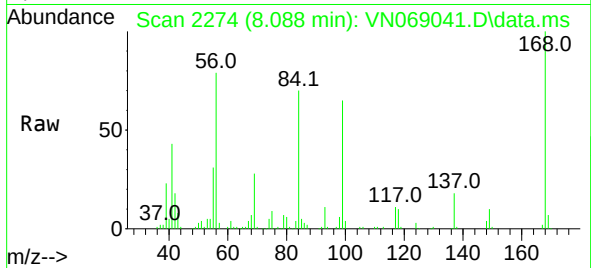
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N101221W.M  
Quant Title : SW846 8260  
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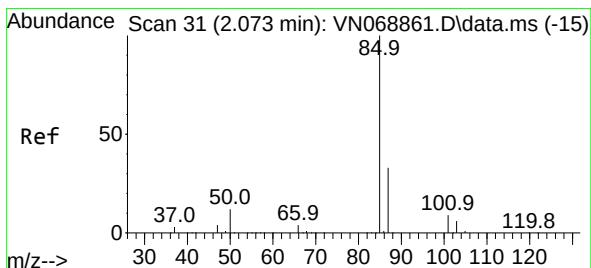
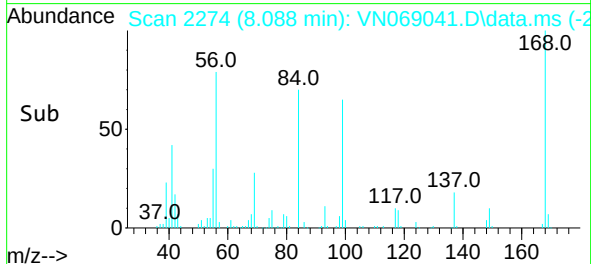
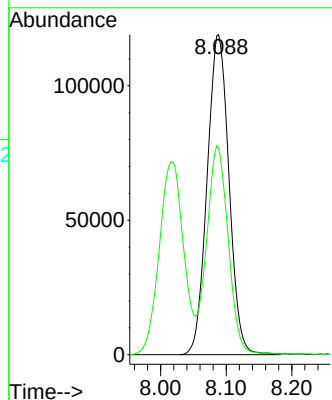


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.088 min Scan# 2274  
Delta R.T. 0.002 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

Instrument :  
MSVOA\_N  
ClientSampled :

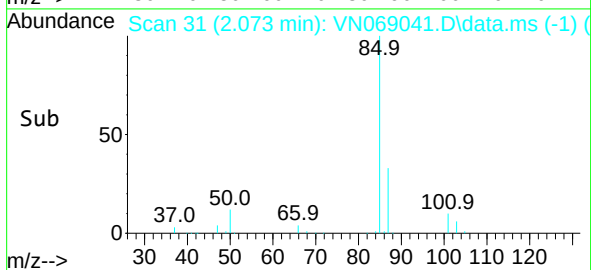
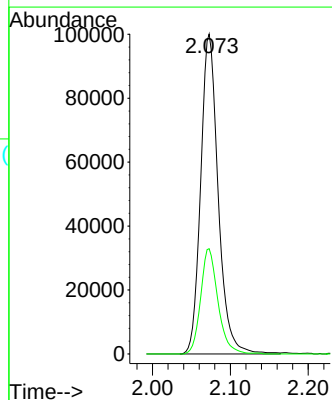
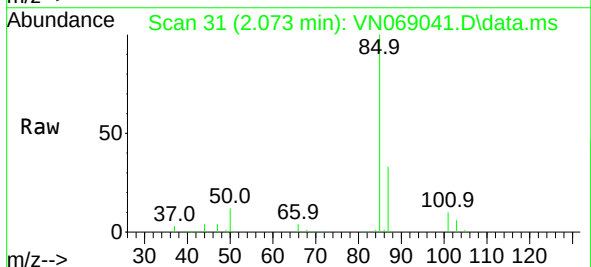


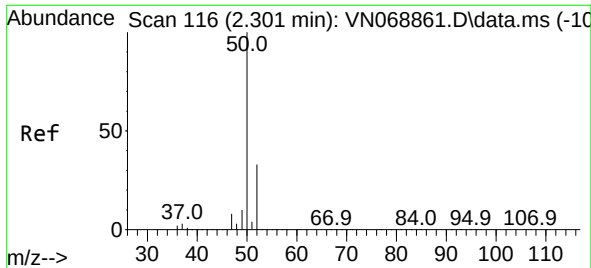
Tgt Ion:168 Resp: 275100  
Ion Ratio Lower Upper  
168 100  
99 64.3 48.9 73.3



#2  
Dichlorodifluoromethane  
Concen: 45.837 ug/l  
RT: 2.073 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

Tgt Ion: 85 Resp: 156657  
Ion Ratio Lower Upper  
85 100  
87 32.9 16.3 48.8

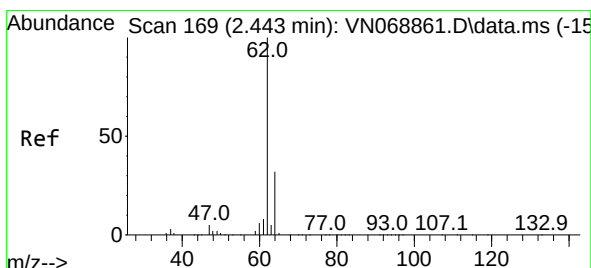
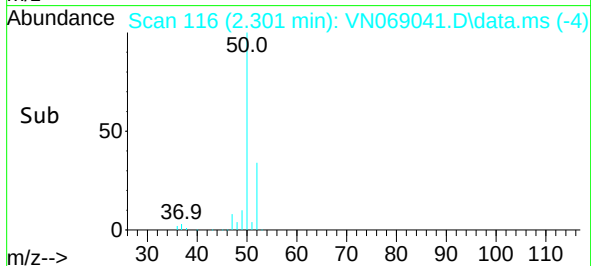
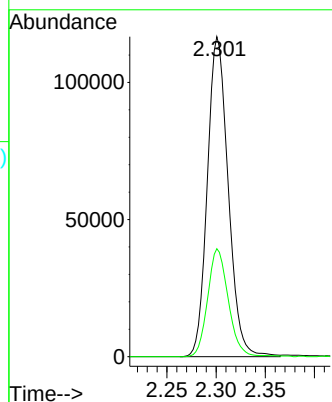
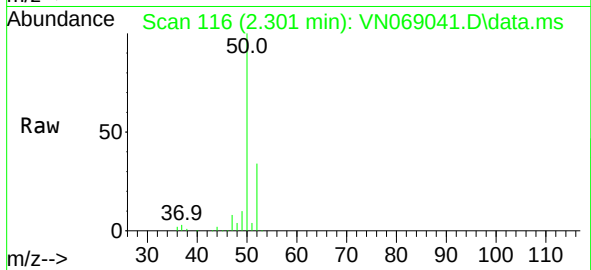




#3  
Chloromethane  
Concen: 51.304 ug/l  
RT: 2.301 min Scan# 116  
Delta R.T. 0.000 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

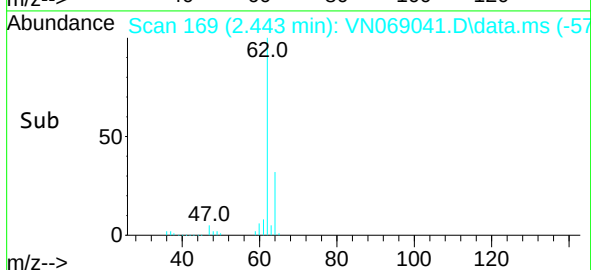
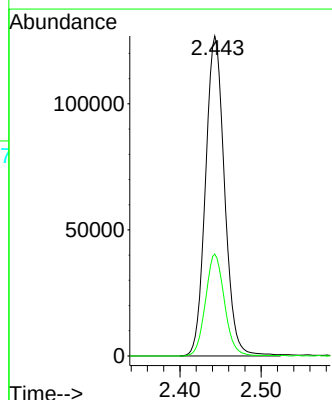
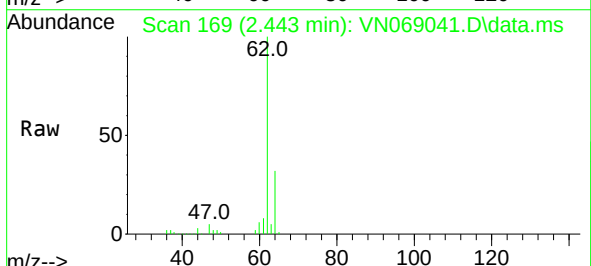
Instrument :  
MSVOA\_N  
ClientSampled :

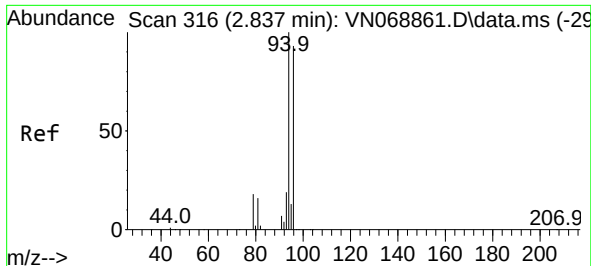
Tgt Ion: 50 Resp: 172509  
Ion Ratio Lower Upper  
50 100  
52 33.8 26.3 39.5



#4  
Vinyl Chloride  
Concen: 60.480 ug/l  
RT: 2.443 min Scan# 169  
Delta R.T. 0.000 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

Tgt Ion: 62 Resp: 206558  
Ion Ratio Lower Upper  
62 100  
64 31.9 25.7 38.5

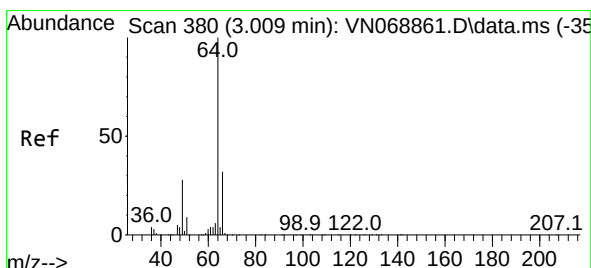
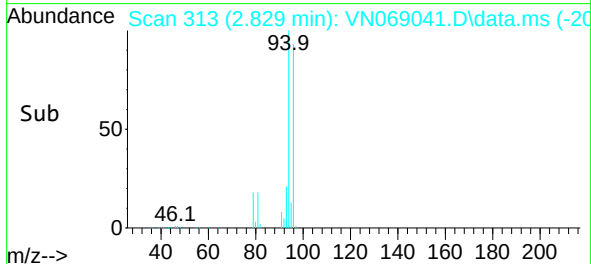
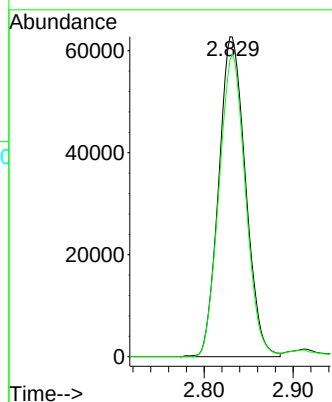
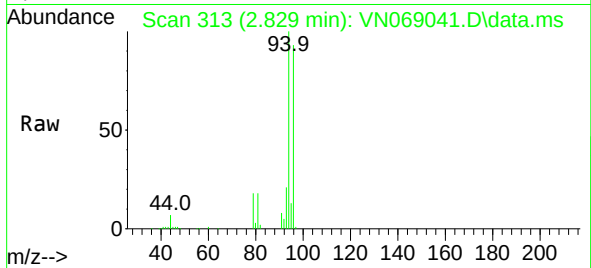




#5  
Bromomethane  
Concen: 69.767 ug/l  
RT: 2.829 min Scan# 313  
Delta R.T. -0.008 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

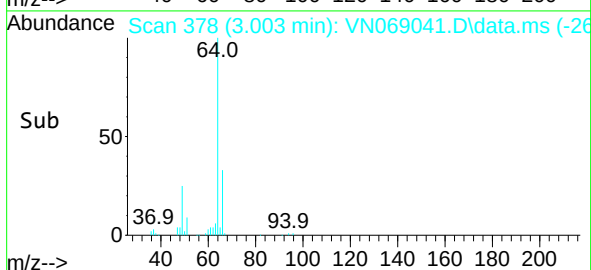
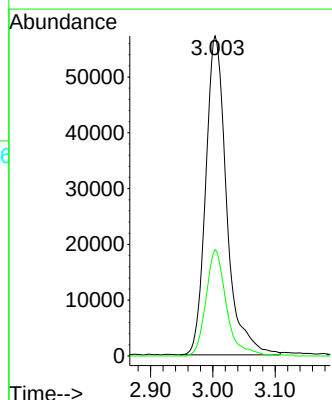
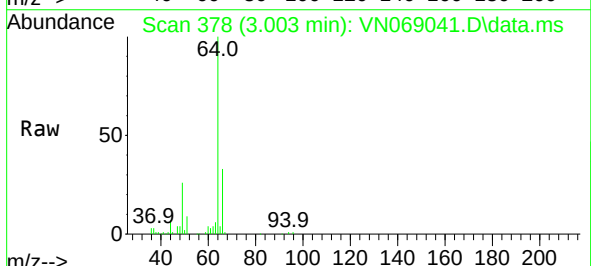
Instrument :  
MSVOA\_N  
ClientSampled :

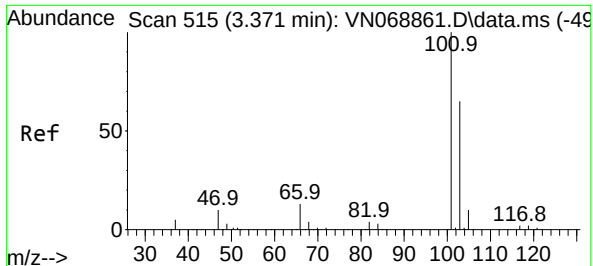
Tgt Ion: 94 Resp: 131063  
Ion Ratio Lower Upper  
94 100  
96 92.7 74.2 111.4



#6  
Chloroethane  
Concen: 66.169 ug/l  
RT: 3.003 min Scan# 378  
Delta R.T. -0.005 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

Tgt Ion: 64 Resp: 133182  
Ion Ratio Lower Upper  
64 100  
66 33.3 25.6 38.4

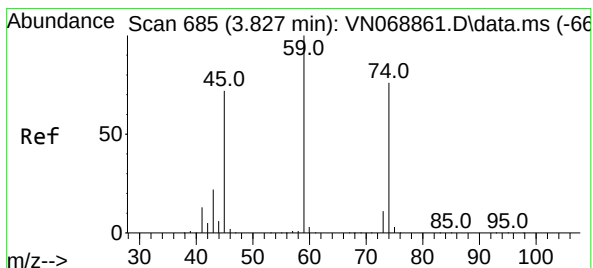
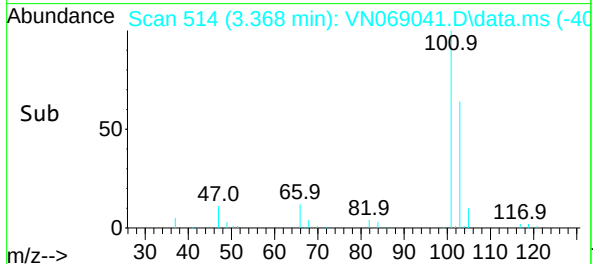
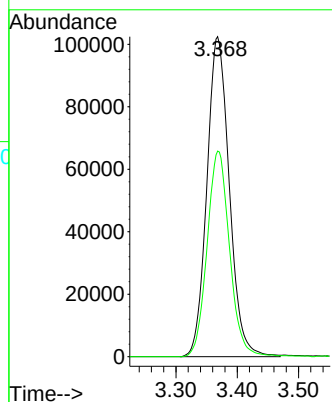
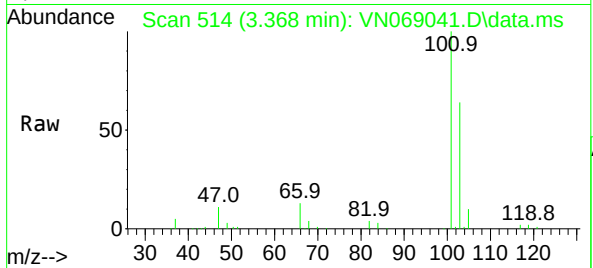




#7  
Trichlorofluoromethane  
Concen: 54.485 ug/l  
RT: 3.368 min Scan# 514  
Delta R.T. -0.003 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

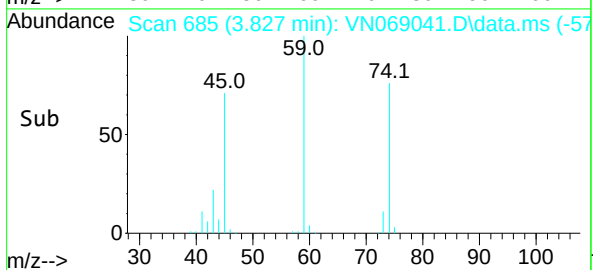
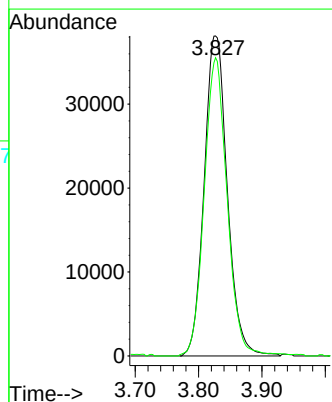
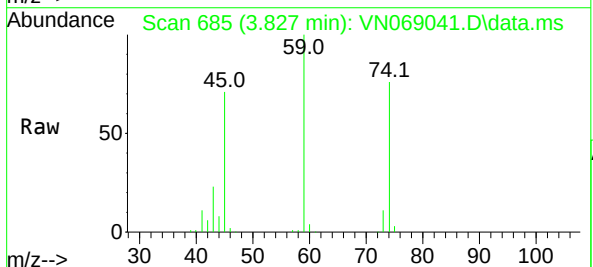
Instrument :  
MSVOA\_N  
ClientSampled :

Tgt Ion:101 Resp: 260565  
Ion Ratio Lower Upper  
101 100  
103 64.3 51.7 77.5

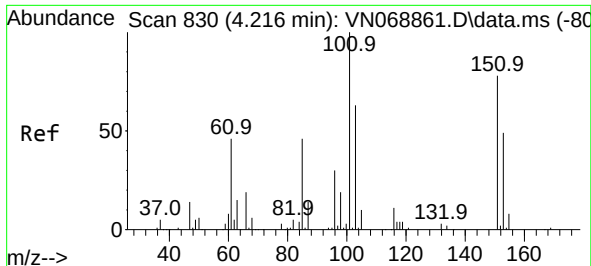


#8  
Diethyl Ether  
Concen: 54.294 ug/l  
RT: 3.827 min Scan# 685  
Delta R.T. 0.000 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

Tgt Ion: 74 Resp: 96853  
Ion Ratio Lower Upper  
74 100  
45 92.2 47.0 141.2



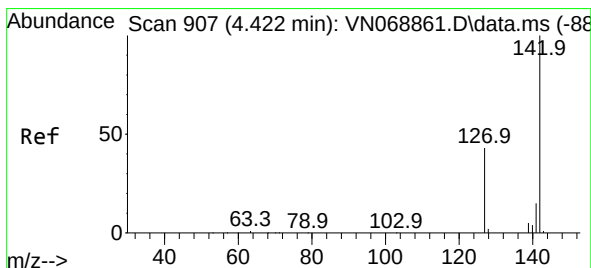
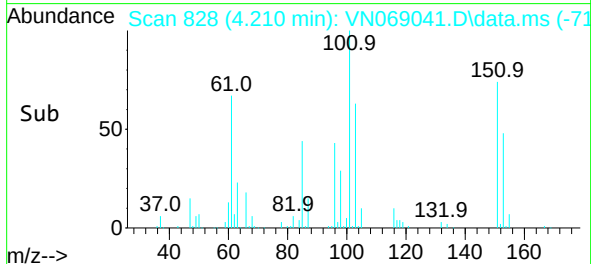
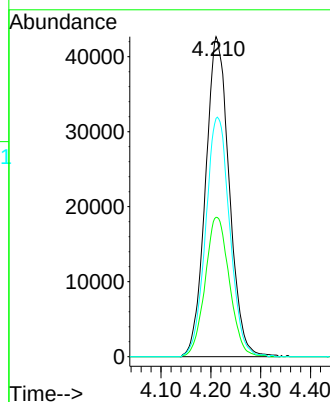
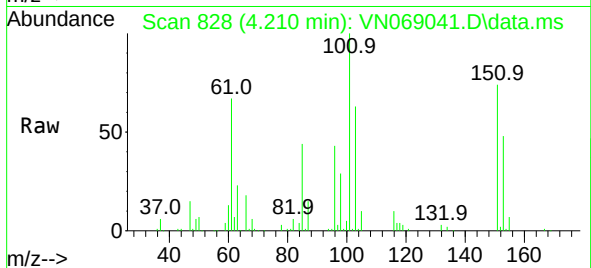




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 54.785 ug/l  
RT: 4.210 min Scan# 828  
Delta R.T. -0.005 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

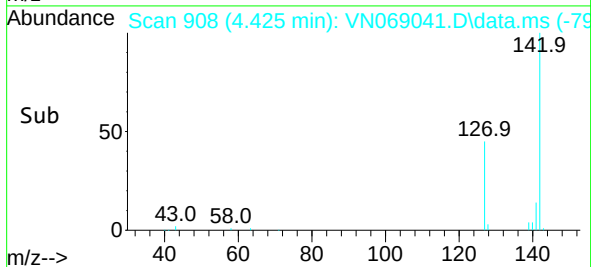
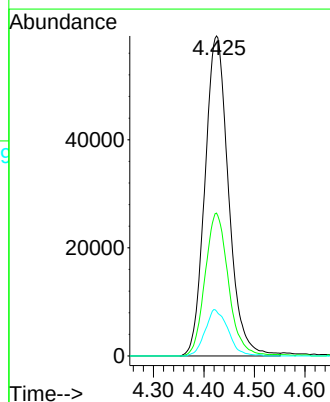
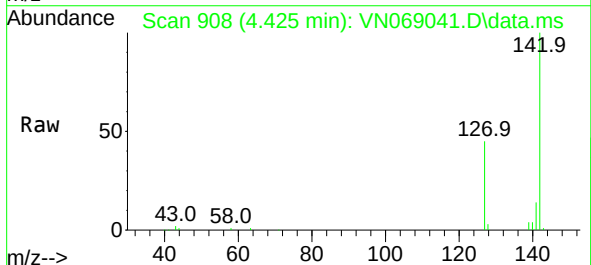
Instrument :  
MSVOA\_N  
ClientSampleId :

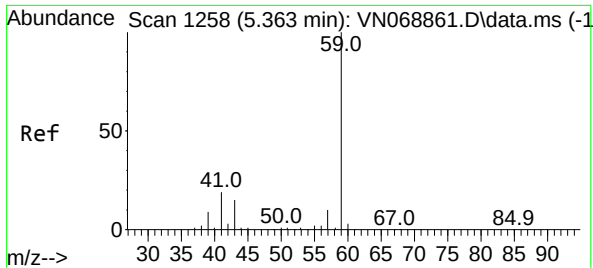
Tgt Ion:101 Resp: 140879  
Ion Ratio Lower Upper  
101 100  
85 44.6 37.2 55.8  
151 75.9 61.1 91.7



#10  
Methyl Iodide  
Concen: 51.496 ug/l  
RT: 4.425 min Scan# 908  
Delta R.T. 0.003 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

Tgt Ion:142 Resp: 192198  
Ion Ratio Lower Upper  
142 100  
127 44.2 34.4 51.6  
141 14.0 11.3 16.9

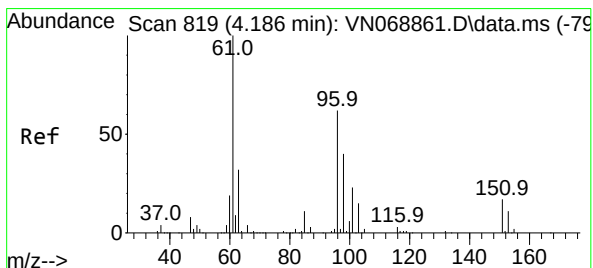
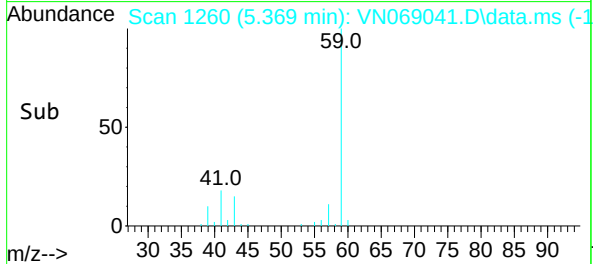
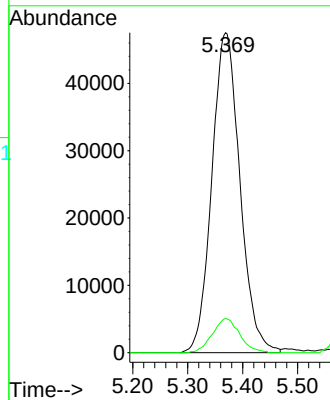
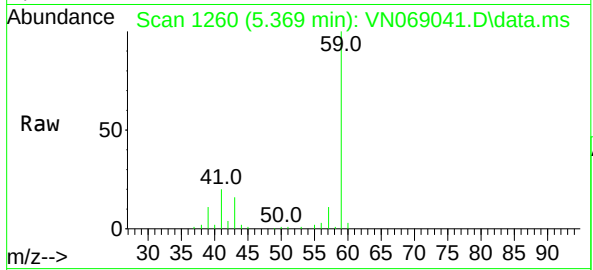




#11  
Tert butyl alcohol  
Concen: 254.531 ug/l  
RT: 5.369 min Scan# 1260  
Delta R.T. 0.005 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

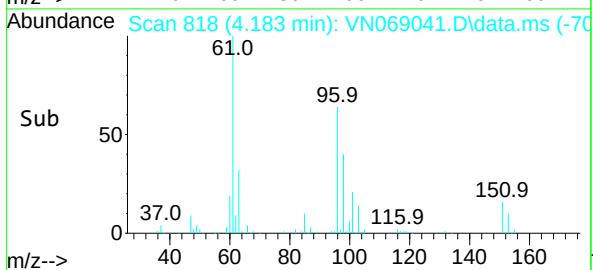
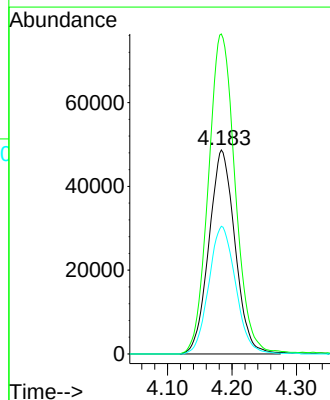
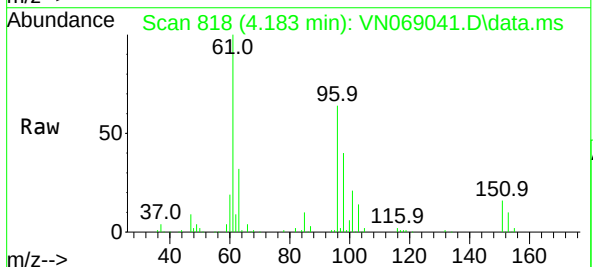
Instrument :  
MSVOA\_N  
ClientSampled :

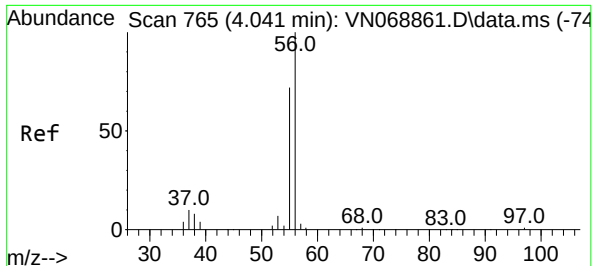
Tgt Ion: 59 Resp: 168695  
Ion Ratio Lower Upper  
59 100  
57 10.4 8.3 12.5



#12  
1,1-Dichloroethene  
Concen: 51.569 ug/l  
RT: 4.183 min Scan# 818  
Delta R.T. -0.003 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

Tgt Ion: 96 Resp: 137080  
Ion Ratio Lower Upper  
96 100  
61 156.8 129.8 194.6  
98 62.6 51.4 77.2

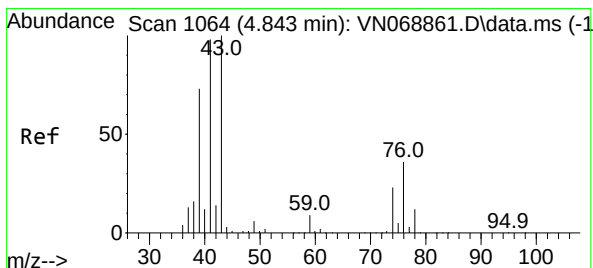
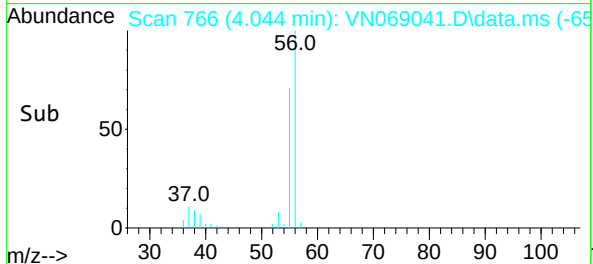
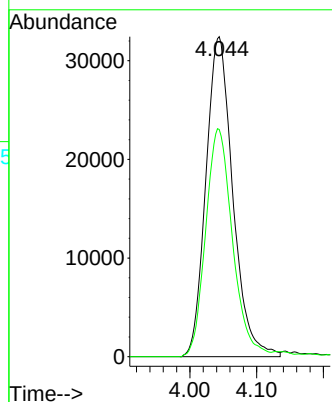
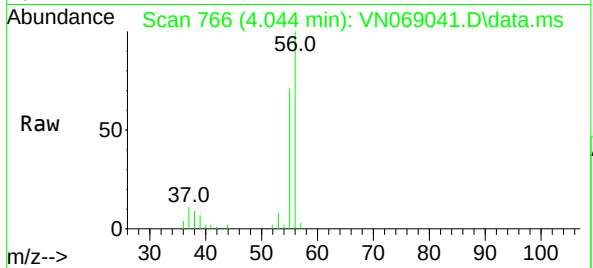




#13  
Acrolein  
Concen: 309.769 ug/l  
RT: 4.044 min Scan# 766  
Delta R.T. 0.003 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

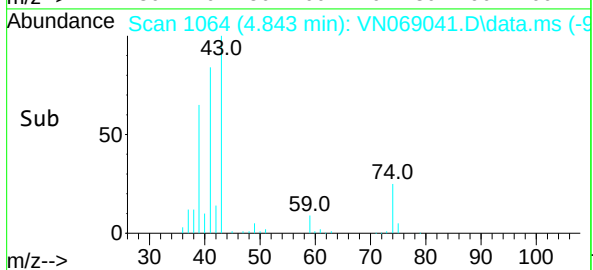
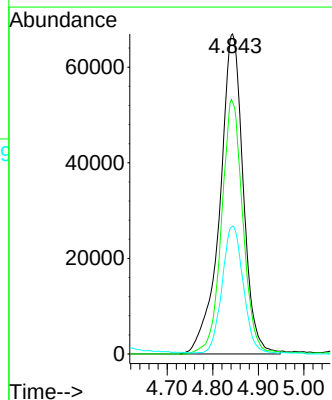
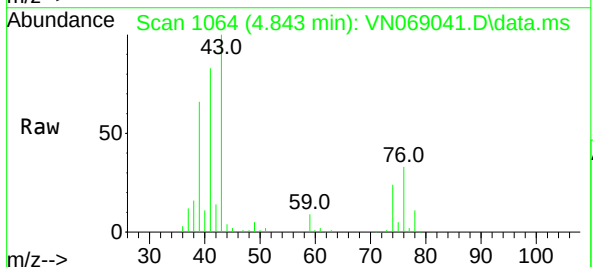
Instrument :  
MSVOA\_N  
ClientSampled :

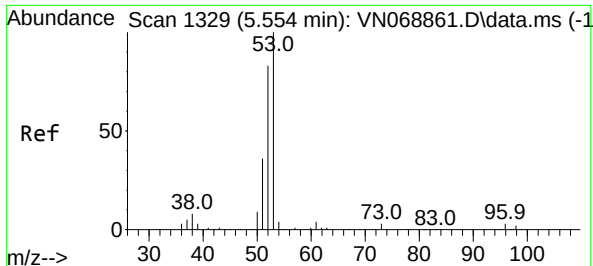
Tgt Ion: 56 Resp: 90821  
Ion Ratio Lower Upper  
56 100  
55 71.0 58.1 87.1



#14  
Allyl chloride  
Concen: 50.081 ug/l  
RT: 4.843 min Scan# 1064  
Delta R.T. 0.000 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

Tgt Ion: 41 Resp: 238645  
Ion Ratio Lower Upper  
41 100  
39 72.2 55.6 83.4  
76 35.8 26.4 39.6





#15

Acrylonitrile

Concen: 278.120 ug/l

RT: 5.554 min Scan# 1329

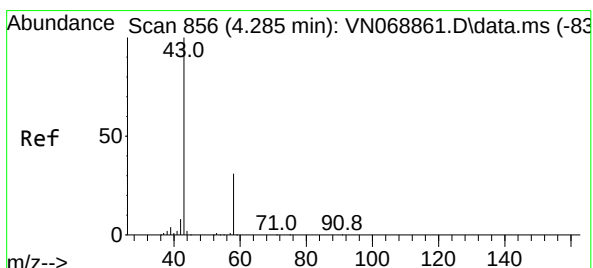
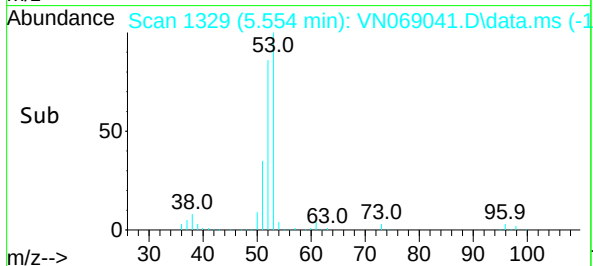
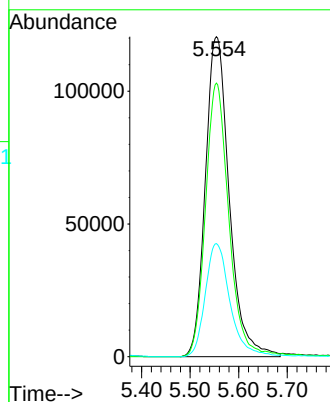
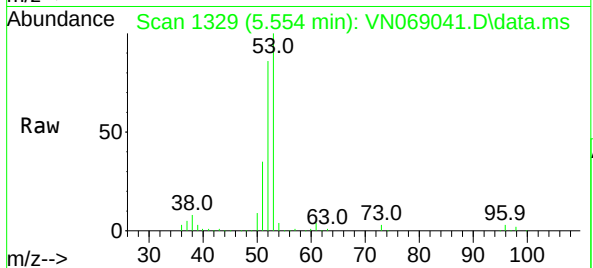
Delta R.T. 0.000 min

Lab File: VN069041.D

Acq: 19 Oct 2021 22:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 53    | Resp: | 413029 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 82.4  | 65.7  | 98.5   |
| 51       | 36.5  | 28.9  | 43.3   |

Instrument :  
MSVOA\_N  
ClientSampled :



#16

Acetone

Concen: 250.956 ug/l

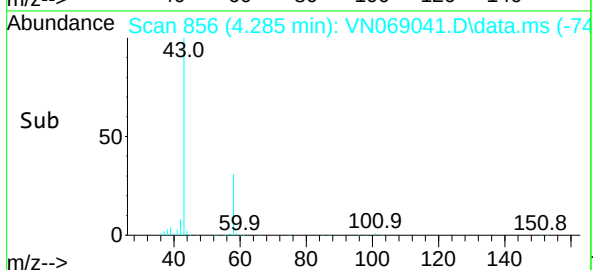
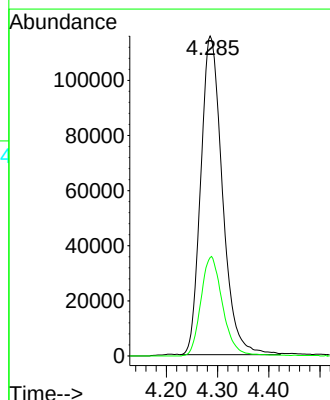
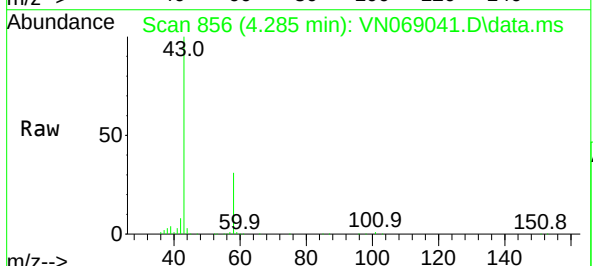
RT: 4.285 min Scan# 856

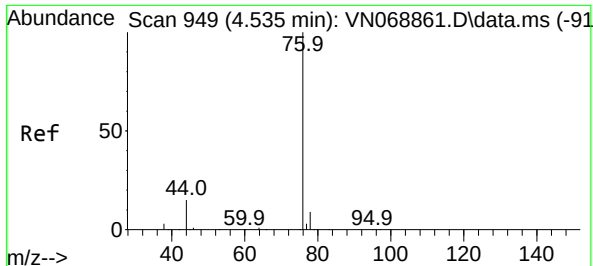
Delta R.T. 0.000 min

Lab File: VN069041.D

Acq: 19 Oct 2021 22:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 339685 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 30.9  | 24.5  | 36.7   |

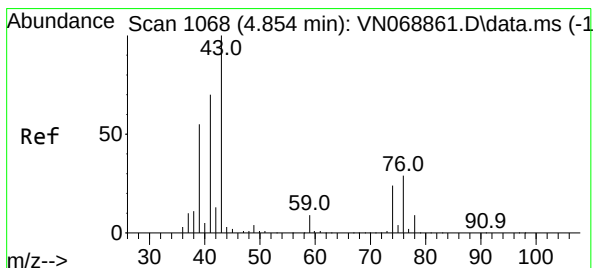
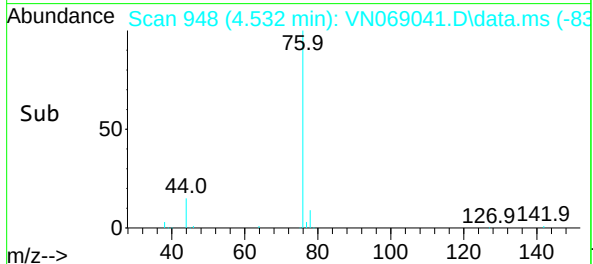
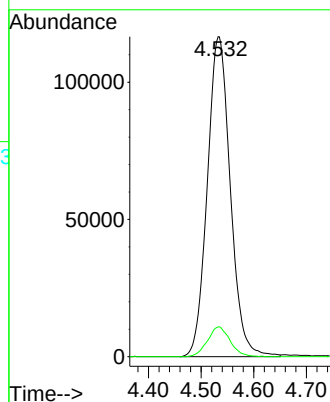
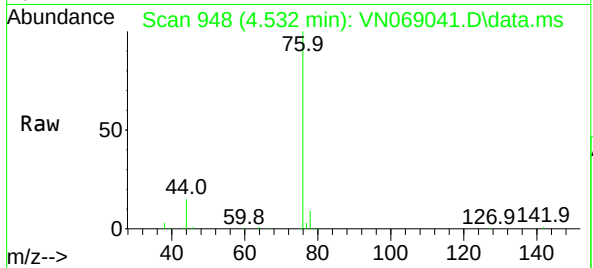




#17  
Carbon Disulfide  
Concen: 49.094 ug/l  
RT: 4.532 min Scan# 948  
Delta R.T. -0.003 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

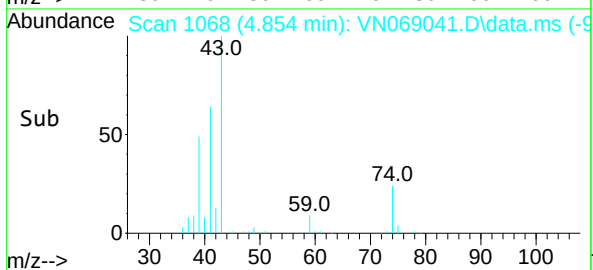
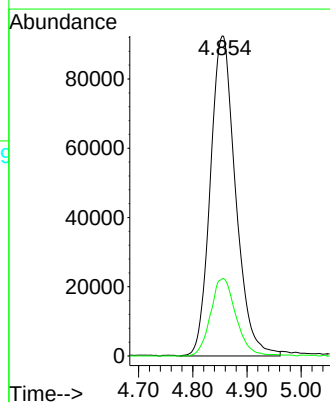
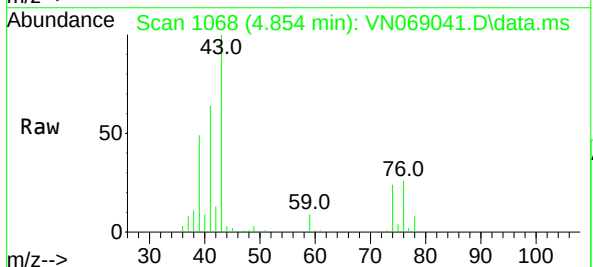
Instrument :  
MSVOA\_N  
ClientSampled :

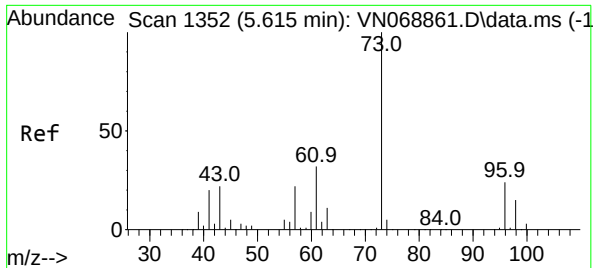
Tgt Ion: 76 Resp: 354172  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.2 10.8



#18  
Methyl Acetate  
Concen: 58.333 ug/l  
RT: 4.854 min Scan# 1068  
Delta R.T. 0.000 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

Tgt Ion: 43 Resp: 299487  
Ion Ratio Lower Upper  
43 100  
74 24.4 18.9 28.3

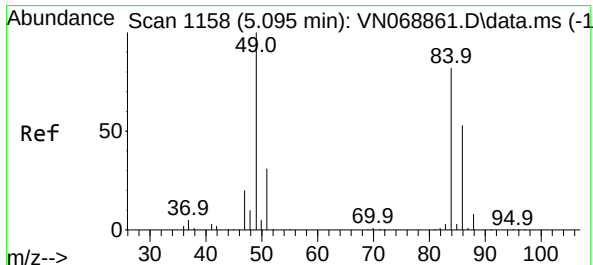
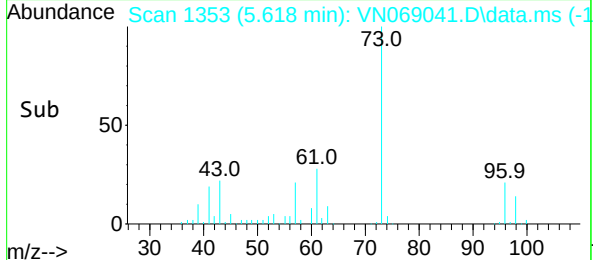
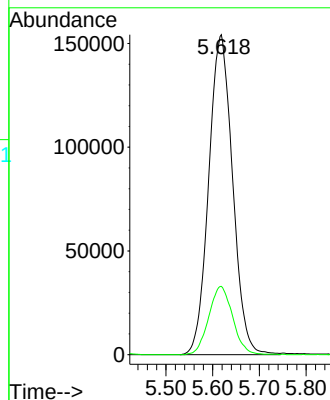
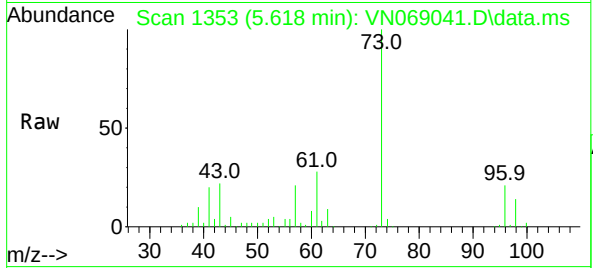




#19  
Methyl tert-butyl Ether  
Concen: 55.306 ug/l  
RT: 5.618 min Scan# 1353  
Delta R.T. 0.003 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

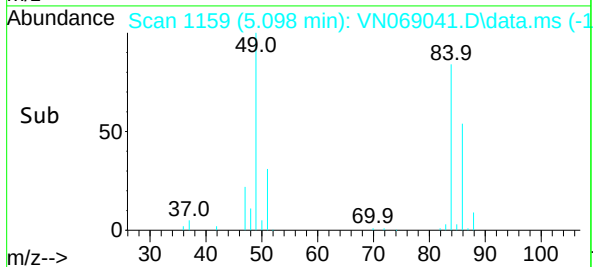
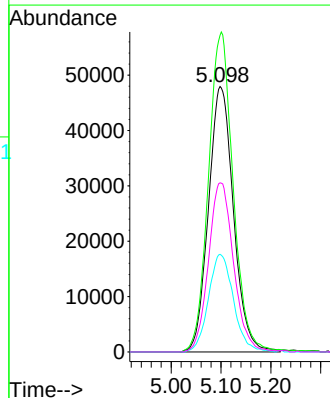
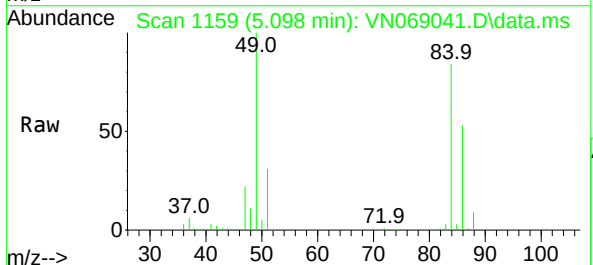
Instrument :  
MSVOA\_N  
ClientSampled :

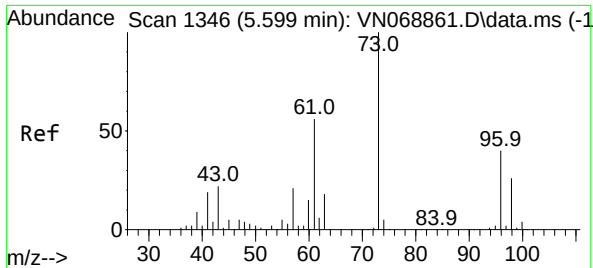
Tgt Ion: 73 Resp: 547407  
Ion Ratio Lower Upper  
73 100  
57 21.4 17.3 25.9



#20  
Methylene Chloride  
Concen: 53.694 ug/l  
RT: 5.098 min Scan# 1159  
Delta R.T. 0.003 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

Tgt Ion: 84 Resp: 167281  
Ion Ratio Lower Upper  
84 100  
49 119.3 97.6 146.4  
51 36.8 30.3 45.5  
86 63.7 51.8 77.6

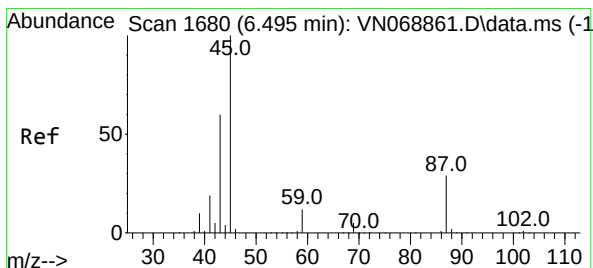
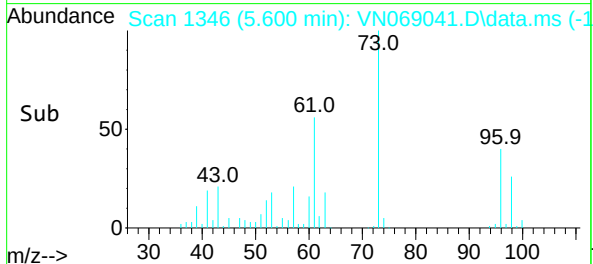
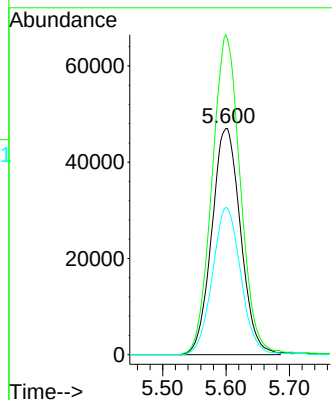
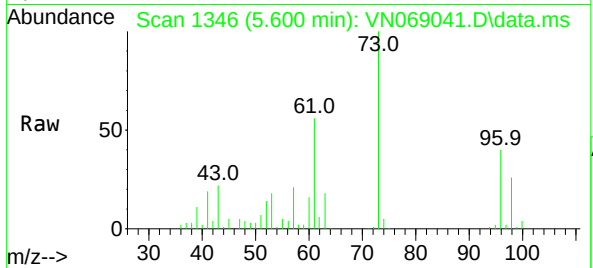




#21  
trans-1,2-Dichloroethene  
Concen: 51.734 ug/l  
RT: 5.600 min Scan# 1346  
Delta R.T. 0.000 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

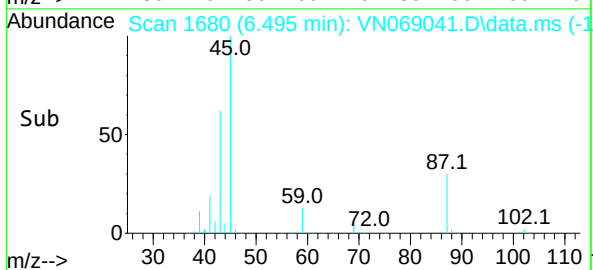
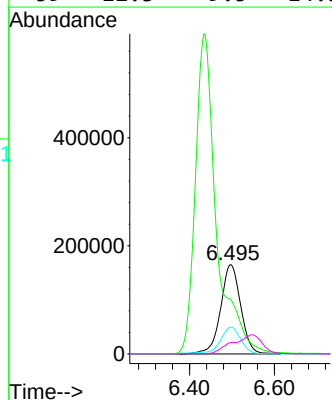
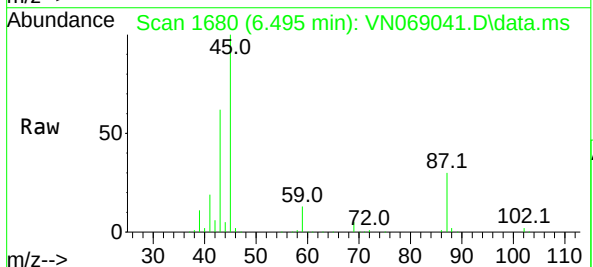
Instrument :  
MSVOA\_N  
ClientSampled :

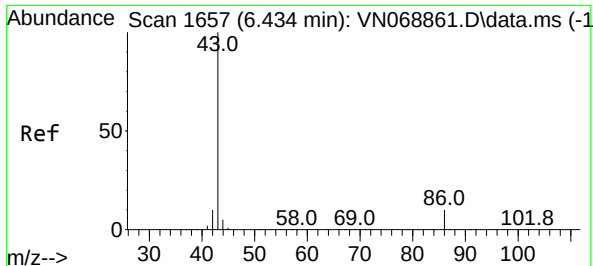
Tgt Ion: 96 Resp: 148567  
Ion Ratio Lower Upper  
96 100  
61 141.4 112.4 168.6  
98 65.1 52.0 78.0



#22  
Diisopropyl ether  
Concen: 54.766 ug/l  
RT: 6.495 min Scan# 1680  
Delta R.T. 0.000 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

Tgt Ion: 45 Resp: 542701  
Ion Ratio Lower Upper  
45 100  
43 60.4 48.0 72.0  
87 29.8 23.4 35.0  
59 12.3 9.5 14.3





#23

Vinyl Acetate

Concen: 273.680 ug/l

RT: 6.434 min Scan# 1657

Delta R.T. 0.000 min

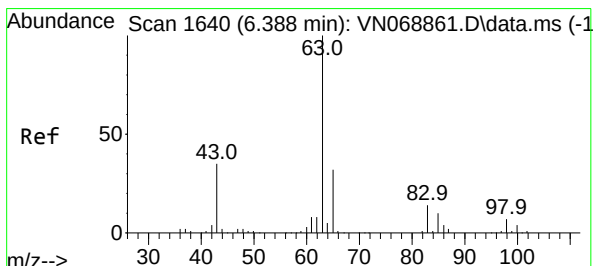
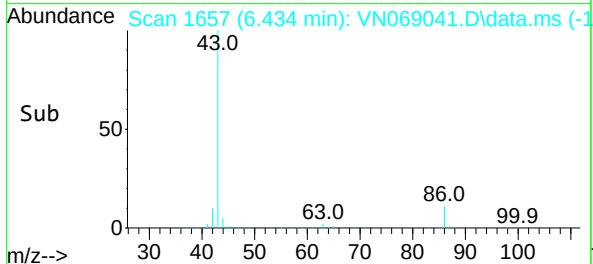
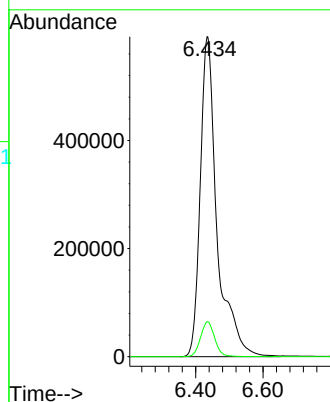
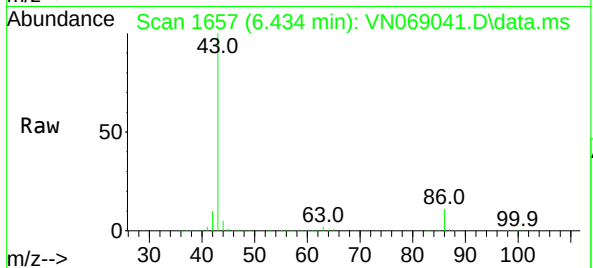
Lab File: VN069041.D

Acq: 19 Oct 2021 22:00

Tgt Ion: 43 Resp: 2050265

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 86  | 11.0  | 8.3   | 12.5  |

Instrument :  
MSVOA\_N  
ClientSampled :



#24

1,1-Dichloroethane

Concen: 54.904 ug/l

RT: 6.388 min Scan# 1640

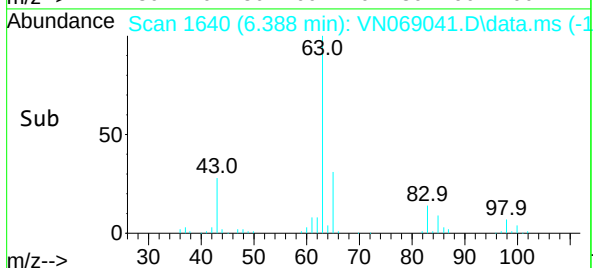
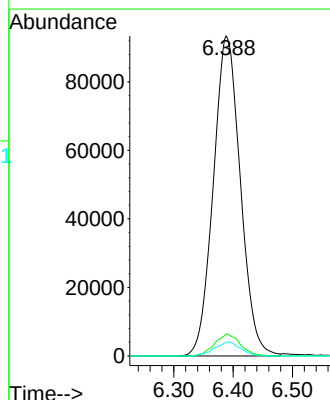
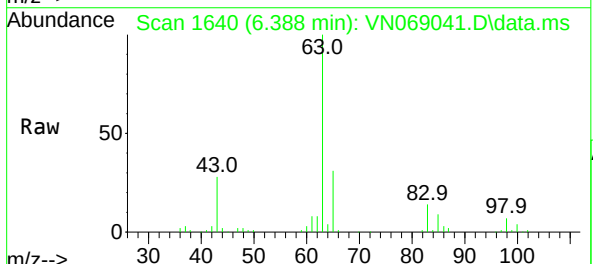
Delta R.T. 0.000 min

Lab File: VN069041.D

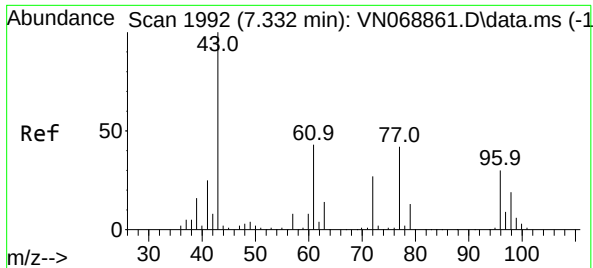
Acq: 19 Oct 2021 22:00

Tgt Ion: 63 Resp: 295607

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 98  | 6.8   | 3.5   | 10.4  |
| 100 | 4.3   | 2.1   | 6.5   |



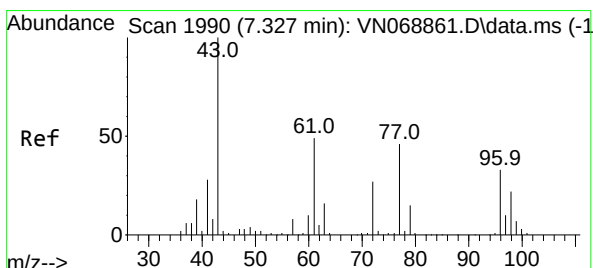
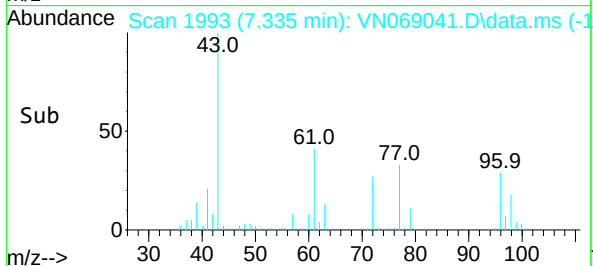
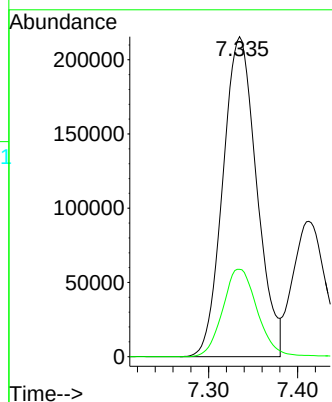
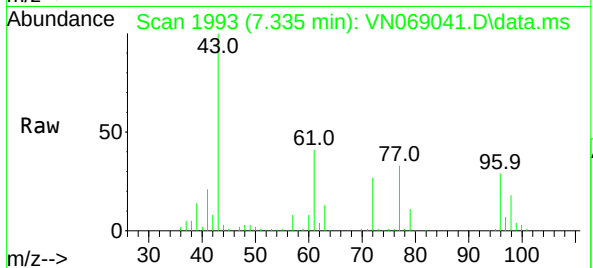




#25  
2-Butanone  
Concen: 278.147 ug/l  
RT: 7.335 min Scan# 1993  
Delta R.T. 0.003 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

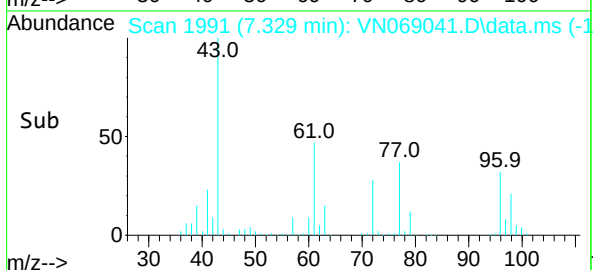
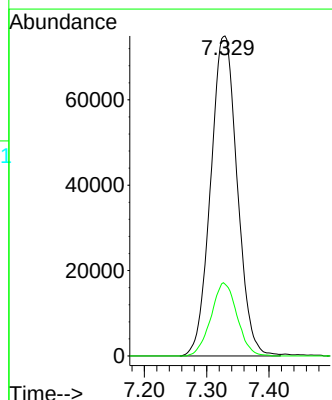
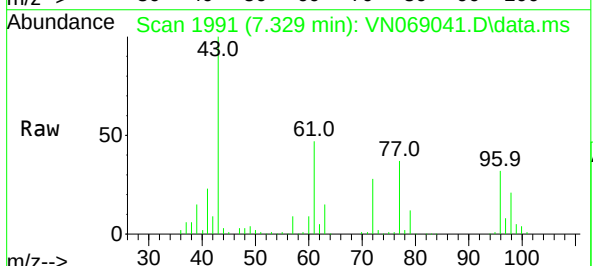
Instrument :  
MSVOA\_N  
ClientSampled :

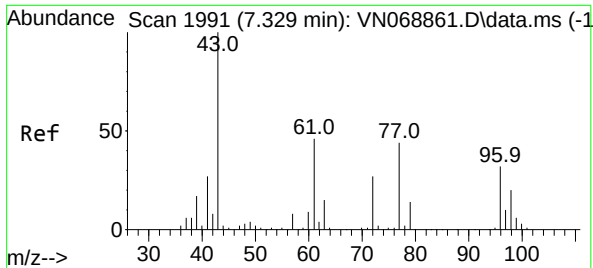
Tgt Ion: 43 Resp: 569315  
Ion Ratio Lower Upper  
43 100  
72 27.3 21.2 31.8



#26  
2,2-Dichloropropane  
Concen: 43.280 ug/l  
RT: 7.329 min Scan# 1991  
Delta R.T. 0.003 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

Tgt Ion: 77 Resp: 222070  
Ion Ratio Lower Upper  
77 100  
97 22.5 11.2 33.6

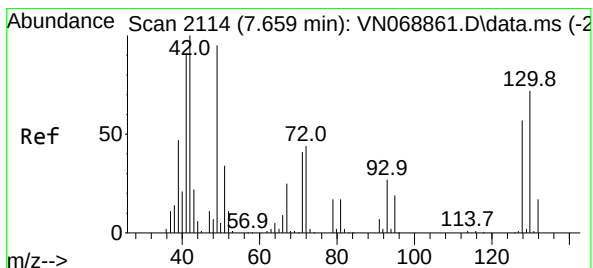
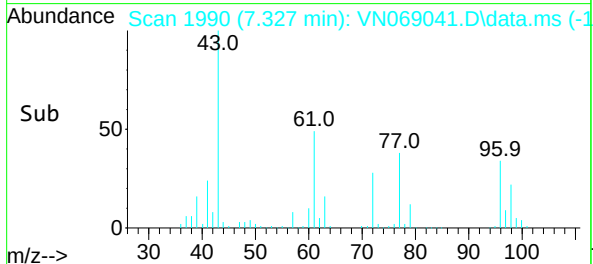
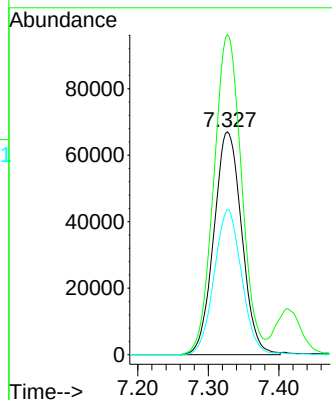
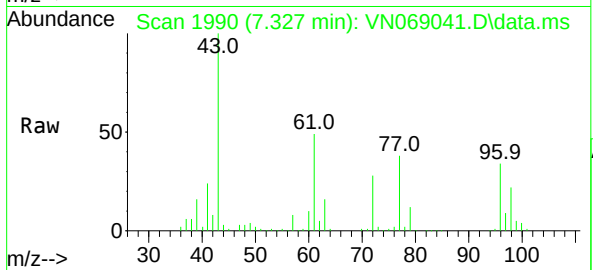




#27  
 cis-1,2-Dichloroethene  
 Concen: 53.046 ug/l  
 RT: 7.327 min Scan# 1990  
 Delta R.T. -0.003 min  
 Lab File: VN069041.D  
 Acq: 19 Oct 2021 22:00

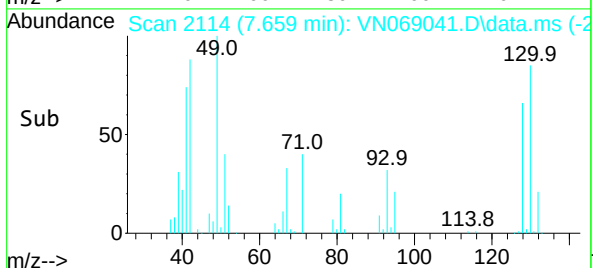
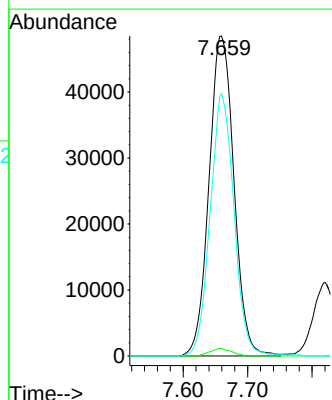
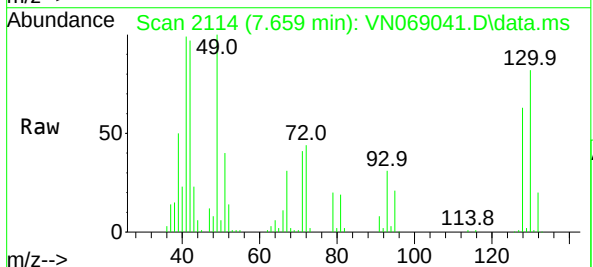
Instrument :  
 MSVOA\_N  
 ClientSampled :

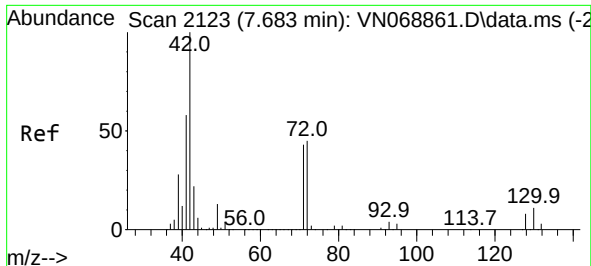
Tgt Ion: 96 Resp: 184149  
 Ion Ratio Lower Upper  
 96 100  
 61 143.1 0.0 290.6  
 98 64.0 0.0 127.2



#28  
 Bromochloromethane  
 Concen: 53.449 ug/l  
 RT: 7.659 min Scan# 2114  
 Delta R.T. 0.000 min  
 Lab File: VN069041.D  
 Acq: 19 Oct 2021 22:00

Tgt Ion: 49 Resp: 130339  
 Ion Ratio Lower Upper  
 49 100  
 129 2.0 0.0 4.4  
 130 78.2 60.8 91.2





#29

Tetrahydrofuran

Concen: 287.791 ug/l

RT: 7.683 min Scan# 2123

Delta R.T. 0.000 min

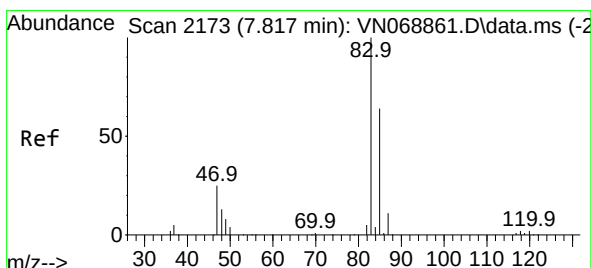
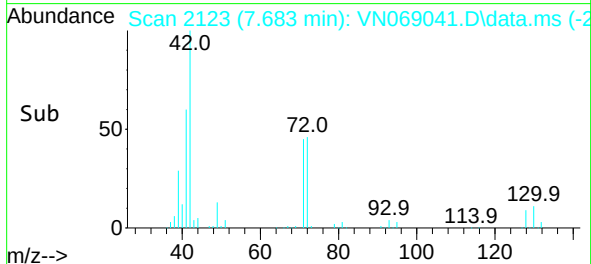
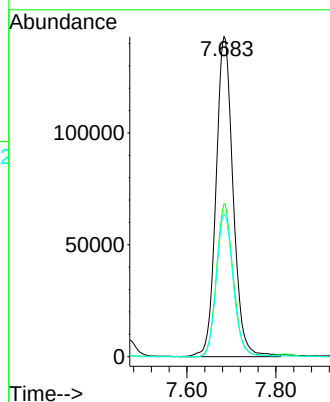
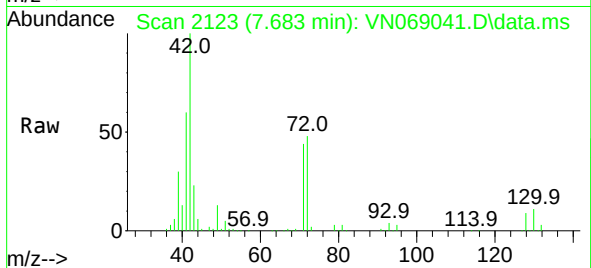
Lab File: VN069041.D

Acq: 19 Oct 2021 22:00

Tgt Ion: 42 Resp: 382087

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 46.5  | 35.4  | 53.2  |
| 71  | 43.8  | 33.8  | 50.6  |

Instrument :  
MSVOA\_N  
ClientSampled :



#30

Chloroform

Concen: 56.448 ug/l

RT: 7.820 min Scan# 2174

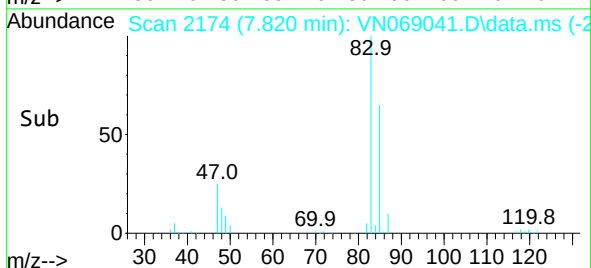
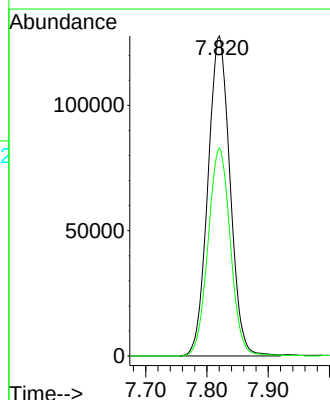
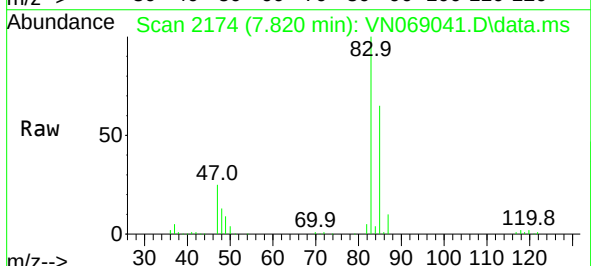
Delta R.T. 0.003 min

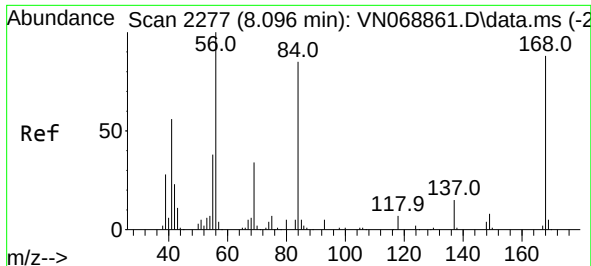
Lab File: VN069041.D

Acq: 19 Oct 2021 22:00

Tgt Ion: 83 Resp: 320296

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 65.0  | 51.1  | 76.7  |

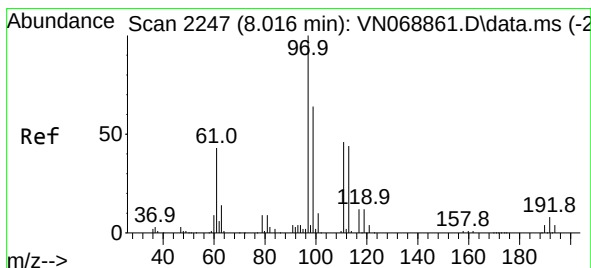
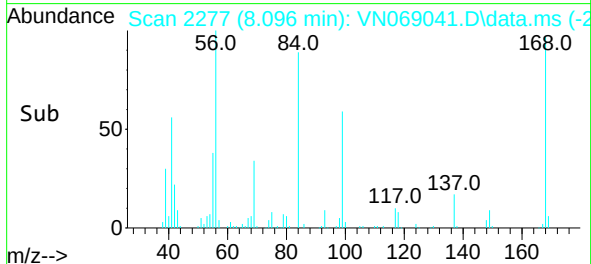
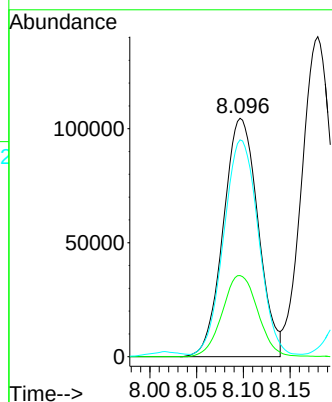
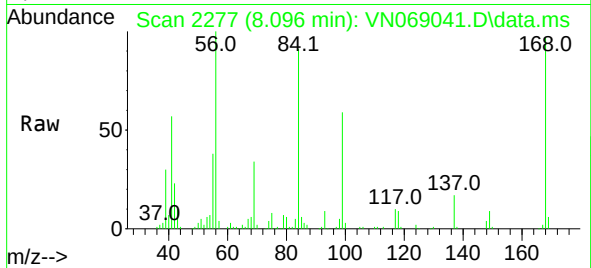




#31  
Cyclohexane  
Concen: 48.027 ug/l  
RT: 8.096 min Scan# 2277  
Delta R.T. 0.000 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

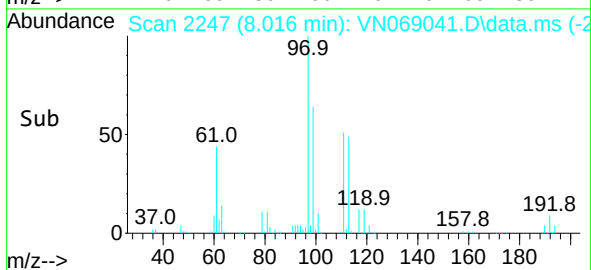
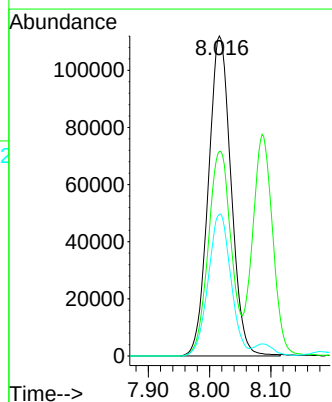
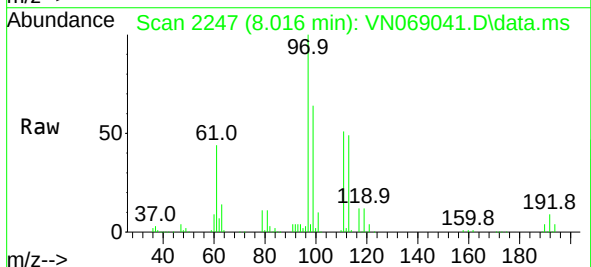
Instrument :  
MSVOA\_N  
ClientSampled :

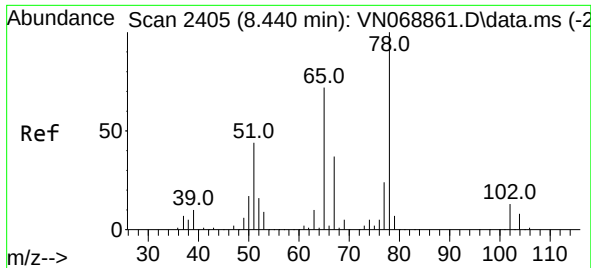
Tgt Ion: 56 Resp: 270850  
Ion Ratio Lower Upper  
56 100  
69 34.0 26.9 40.3  
84 89.6 67.6 101.4



#32  
1,1,1-Trichloroethane  
Concen: 54.432 ug/l  
RT: 8.016 min Scan# 2247  
Delta R.T. 0.000 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

Tgt Ion: 97 Resp: 287921  
Ion Ratio Lower Upper  
97 100  
99 64.5 50.8 76.2  
61 44.4 34.6 51.8

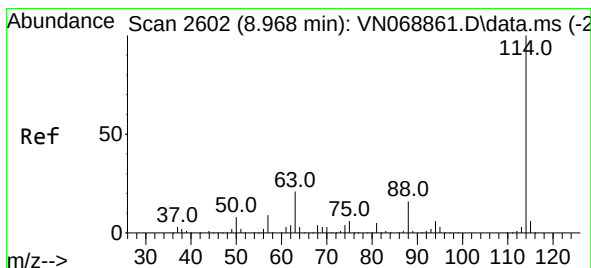
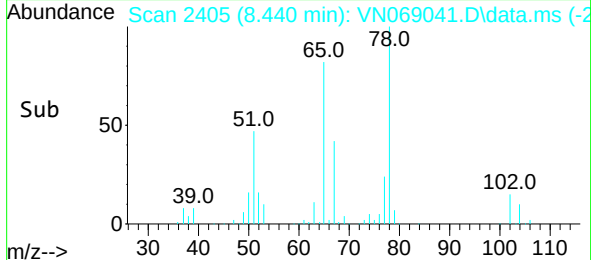
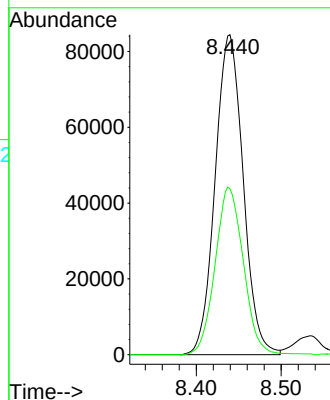
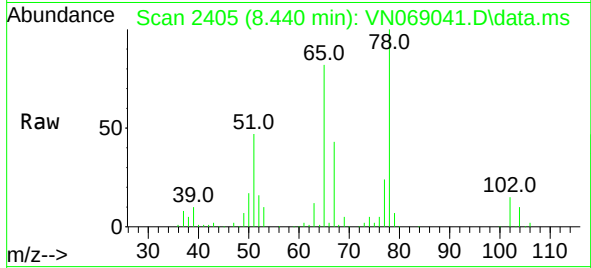




#33  
 1,2-Dichloroethane-d4  
 Concen: 53.441 ug/l  
 RT: 8.440 min Scan# 2405  
 Delta R.T. 0.000 min  
 Lab File: VN069041.D  
 Acq: 19 Oct 2021 22:00

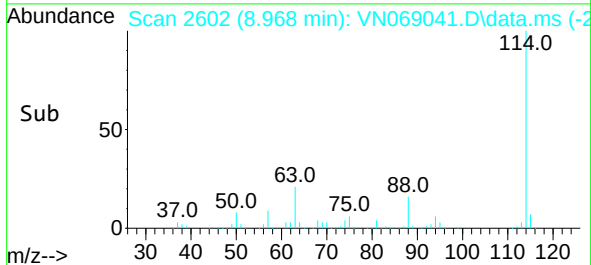
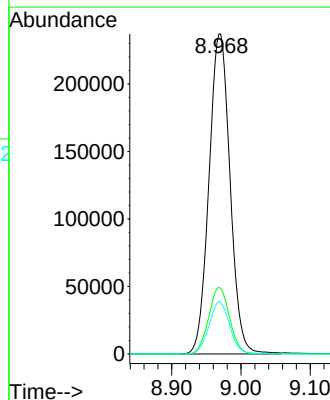
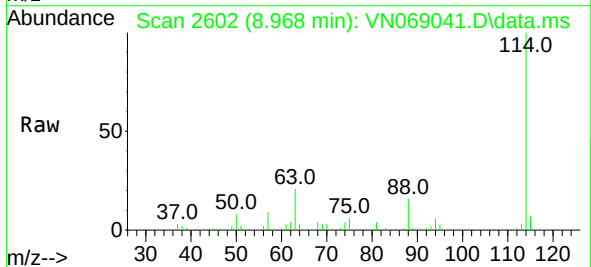
Instrument :  
 MSVOA\_N  
 ClientSampled :

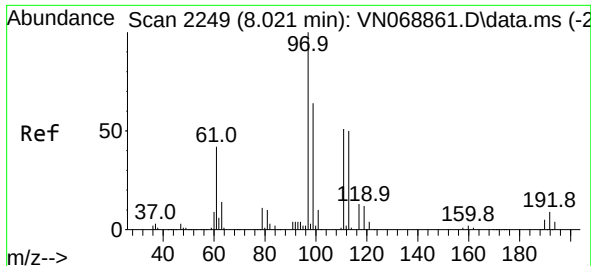
Tgt Ion: 65 Resp: 193836  
 Ion Ratio Lower Upper  
 65 100  
 67 52.8 0.0 103.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.968 min Scan# 2602  
 Delta R.T. 0.000 min  
 Lab File: VN069041.D  
 Acq: 19 Oct 2021 22:00

Tgt Ion: 114 Resp: 501164  
 Ion Ratio Lower Upper  
 114 100  
 63 20.8 0.0 42.6  
 88 16.4 0.0 32.0

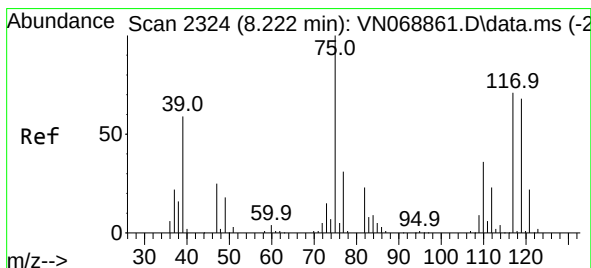
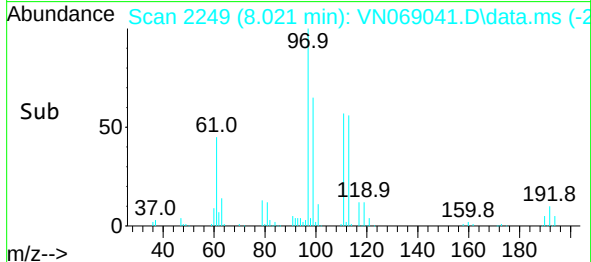
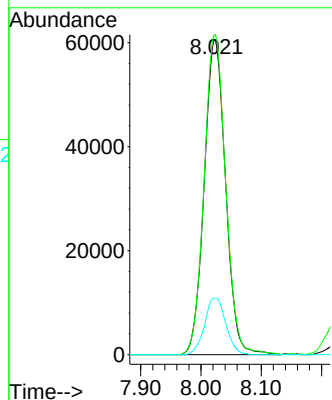
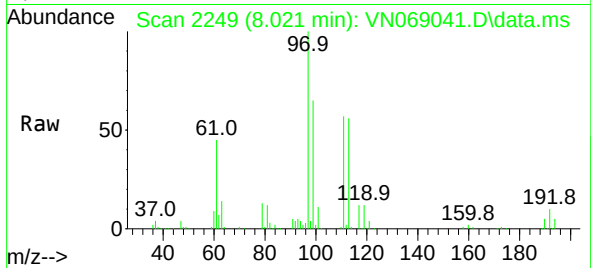




#35  
Dibromofluoromethane  
Concen: 51.296 ug/l  
RT: 8.021 min Scan# 2249  
Delta R.T. 0.000 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

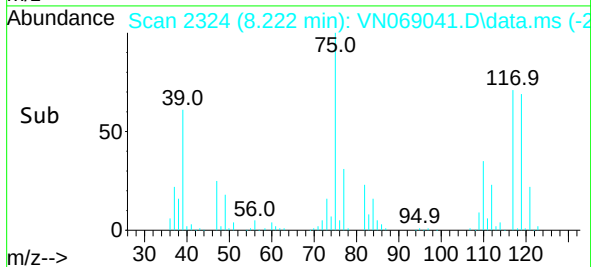
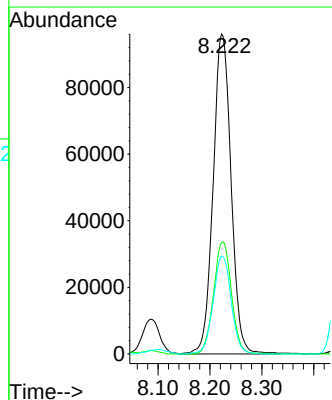
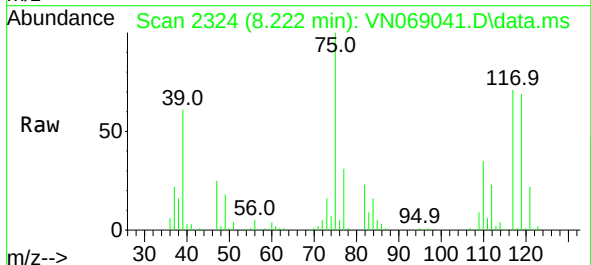
Instrument :  
MSVOA\_N  
ClientSampled :

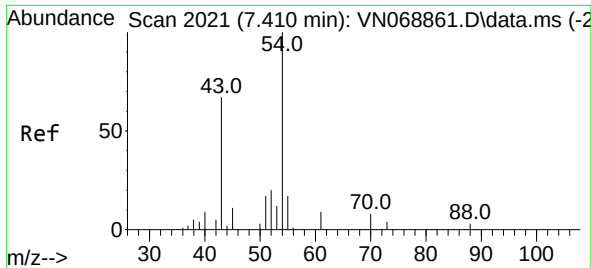
Tgt Ion:113 Resp: 149570  
Ion Ratio Lower Upper  
113 100  
111 102.3 83.2 124.8  
192 17.8 15.0 22.4



#36  
1,1-Dichloropropene  
Concen: 53.999 ug/l  
RT: 8.222 min Scan# 2324  
Delta R.T. 0.000 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

Tgt Ion: 75 Resp: 231156  
Ion Ratio Lower Upper  
75 100  
110 34.8 17.9 53.8  
77 30.7 24.7 37.1

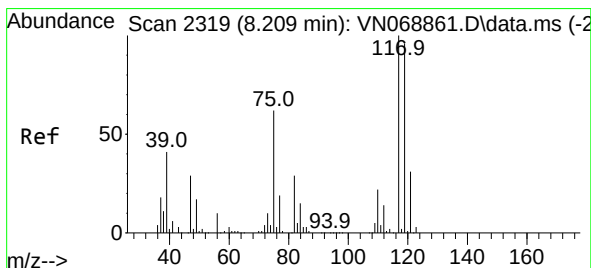
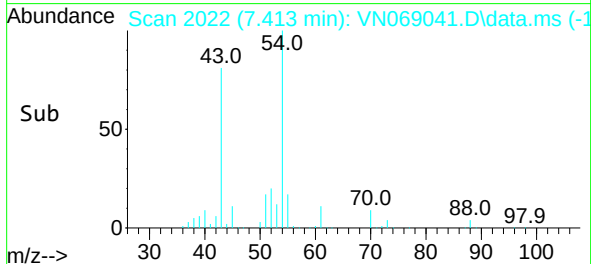
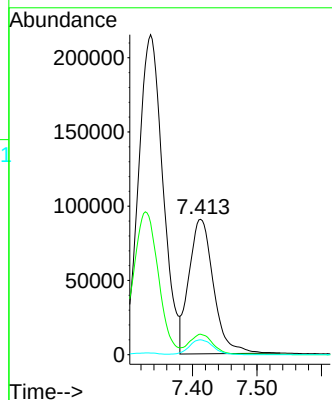
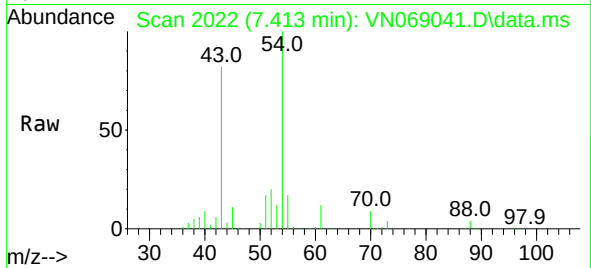




#37  
Ethyl Acetate  
Concen: 54.356 ug/l  
RT: 7.413 min Scan# 2022  
Delta R.T. 0.003 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

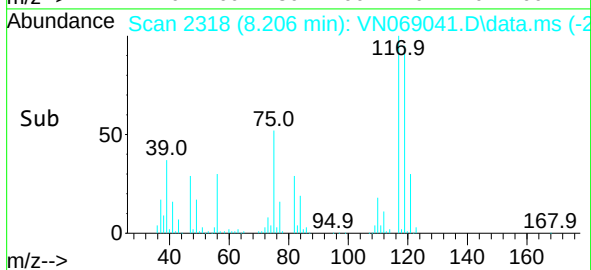
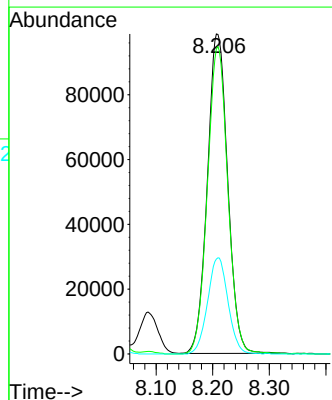
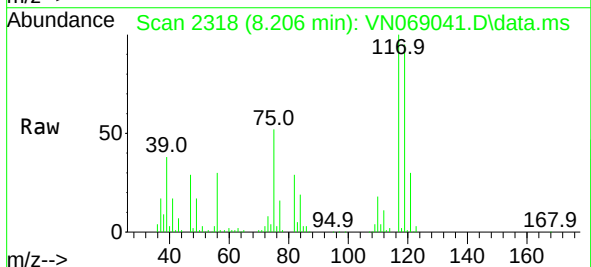
Instrument :  
MSVOA\_N  
ClientSampled :

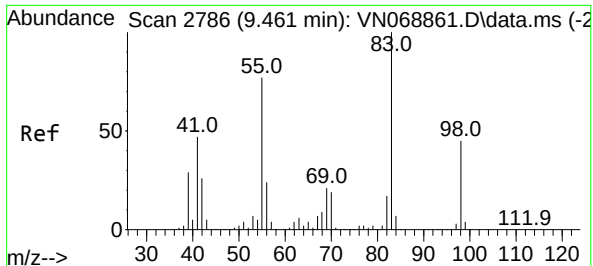
Tgt Ion: 43 Resp: 240313  
Ion Ratio Lower Upper  
43 100  
61 13.9 11.2 16.8  
70 10.8 8.4 12.6



#38  
Carbon Tetrachloride  
Concen: 52.399 ug/l  
RT: 8.206 min Scan# 2318  
Delta R.T. -0.003 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

Tgt Ion: 117 Resp: 246349  
Ion Ratio Lower Upper  
117 100  
119 95.5 76.9 115.3  
121 29.7 24.6 37.0





#39

Methylcyclohexane

Concen: 50.587 ug/l

RT: 9.462 min Scan# 2786

Delta R.T. 0.000 min

Lab File: VN069041.D

Acq: 19 Oct 2021 22:00

Instrument :

MSVOA\_N

ClientSampled :

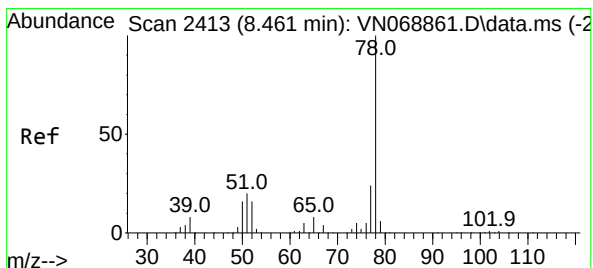
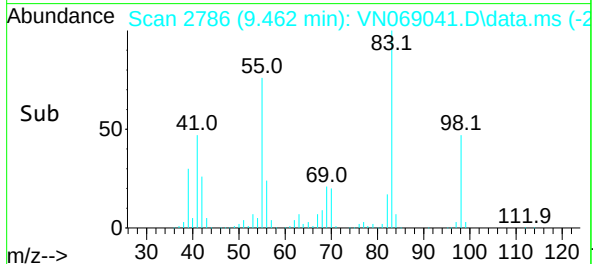
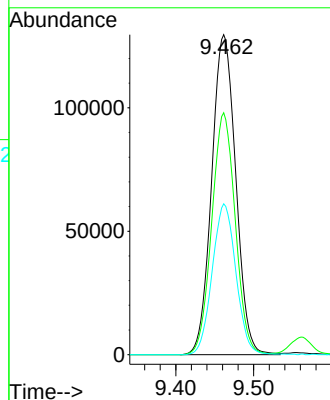
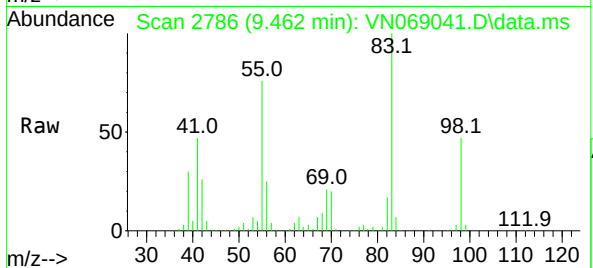
Tgt Ion: 83 Resp: 278721

Ion Ratio Lower Upper

83 100

55 75.6 61.4 92.0

98 47.1 36.4 54.6



#40

Benzene

Concen: 53.511 ug/l

RT: 8.461 min Scan# 2413

Delta R.T. 0.000 min

Lab File: VN069041.D

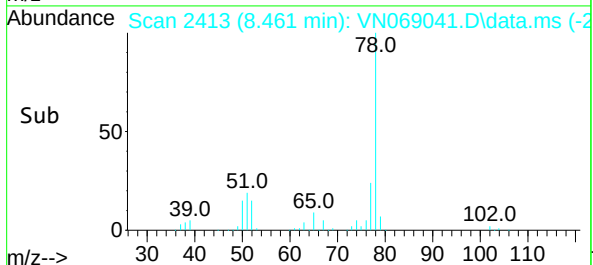
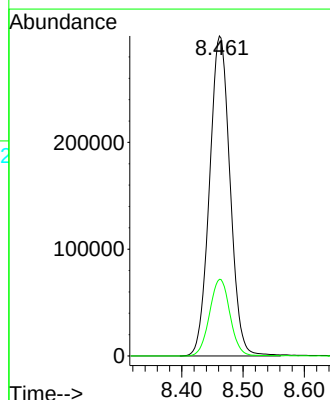
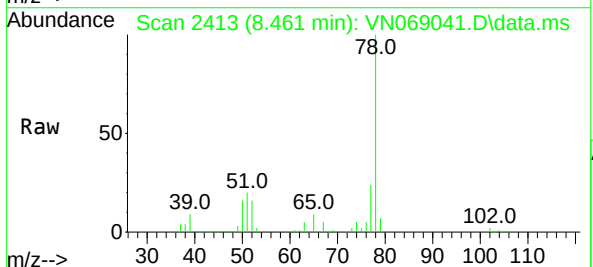
Acq: 19 Oct 2021 22:00

Tgt Ion: 78 Resp: 697523

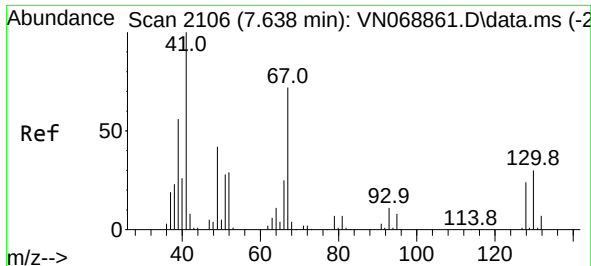
Ion Ratio Lower Upper

78 100

77 24.0 19.1 28.7



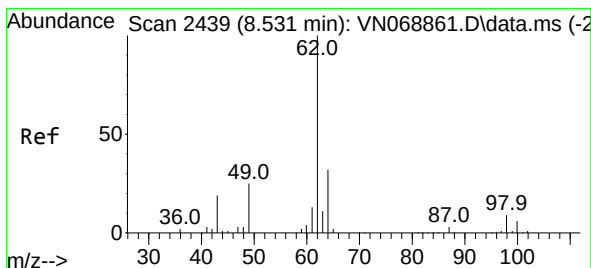
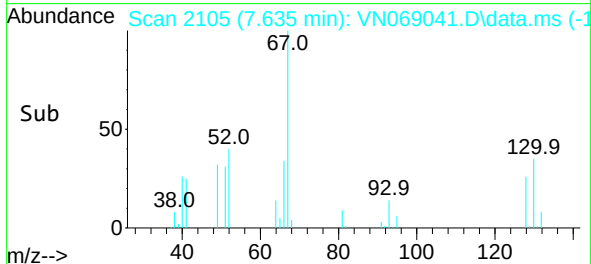
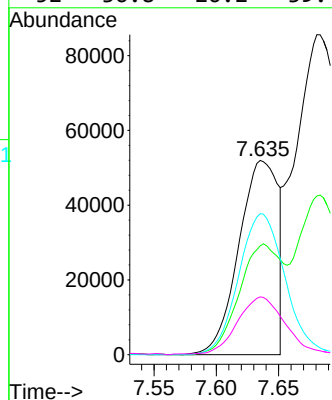
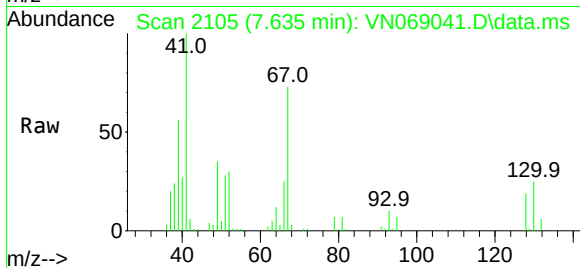




#41  
Methacrylonitrile  
Concen: 50.866 ug/l  
RT: 7.635 min Scan# 2105  
Delta R.T. -0.003 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

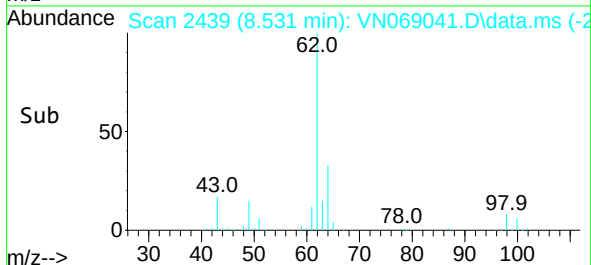
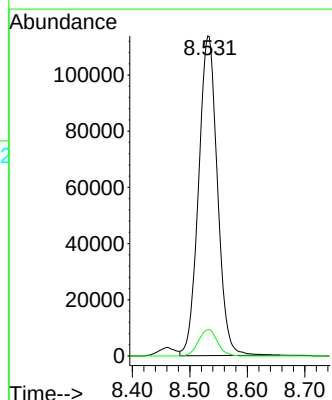
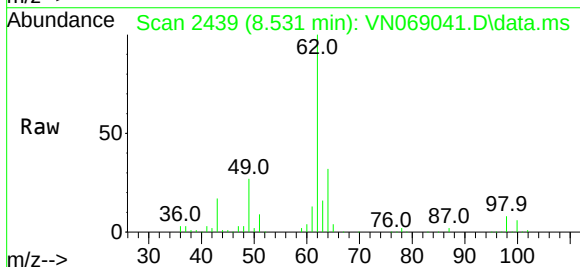
Instrument :  
MSVOA\_N  
ClientSampleId :

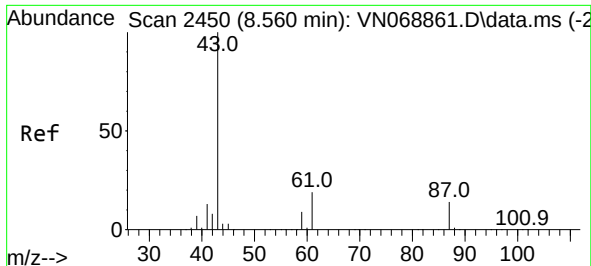
Tgt Ion: 41 Resp: 113360  
Ion Ratio Lower Upper  
41 100  
39 63.3 44.9 67.3  
67 86.3 62.6 93.8  
52 36.8 26.2 39.4



#42  
1,2-Dichloroethane  
Concen: 55.987 ug/l  
RT: 8.531 min Scan# 2439  
Delta R.T. 0.000 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

Tgt Ion: 62 Resp: 258431  
Ion Ratio Lower Upper  
62 100  
98 8.4 0.0 17.2

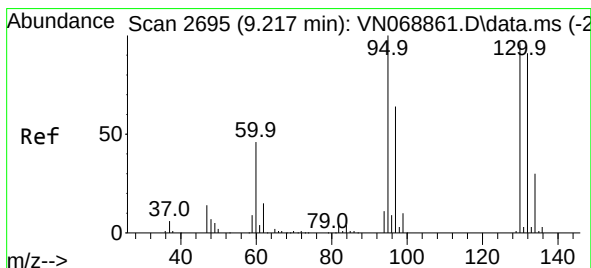
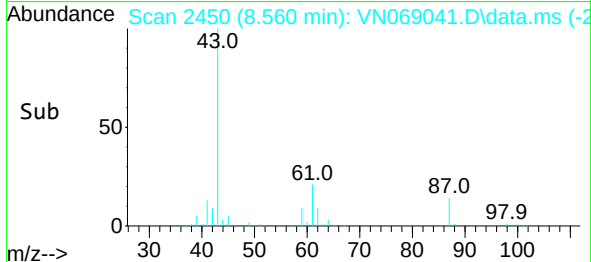
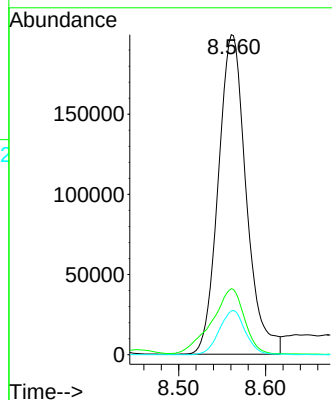
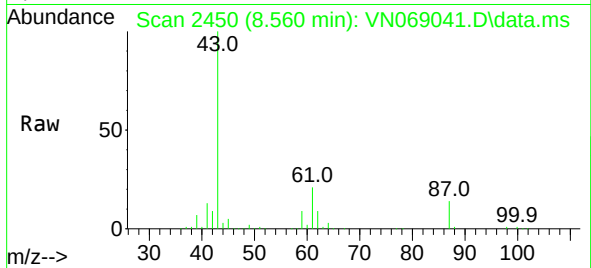




#43  
Isopropyl Acetate  
Concen: 57.084 ug/l  
RT: 8.560 min Scan# 2450  
Delta R.T. 0.000 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

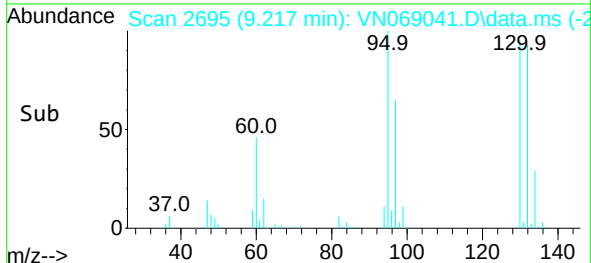
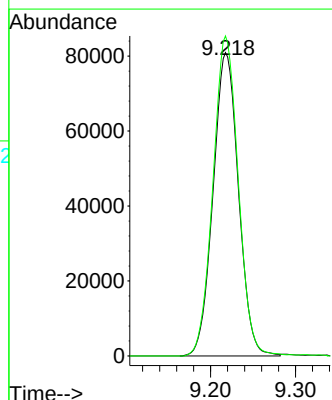
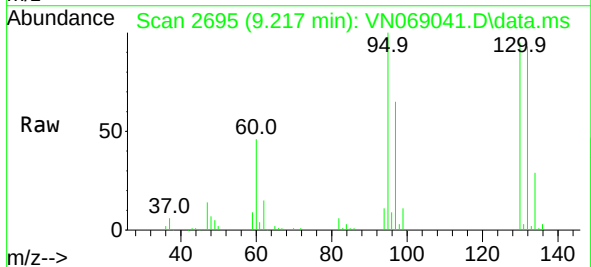
Instrument :  
MSVOA\_N  
ClientSampled :

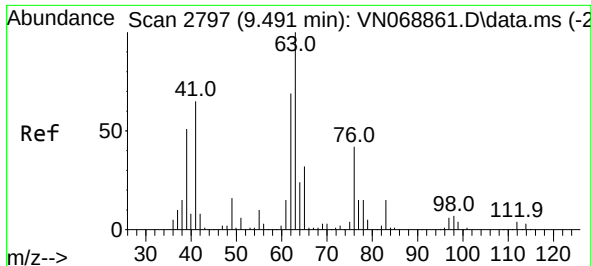
Tgt Ion: 43 Resp: 445293  
Ion Ratio Lower Upper  
43 100  
61 24.1 20.4 30.6  
87 12.9 10.7 16.1



#44  
Trichloroethene  
Concen: 51.491 ug/l  
RT: 9.217 min Scan# 2695  
Delta R.T. 0.000 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

Tgt Ion:130 Resp: 167980  
Ion Ratio Lower Upper  
130 100  
95 105.5 0.0 208.0

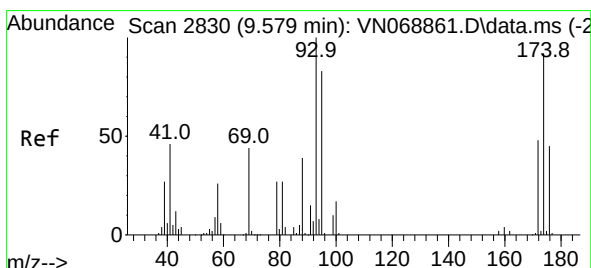
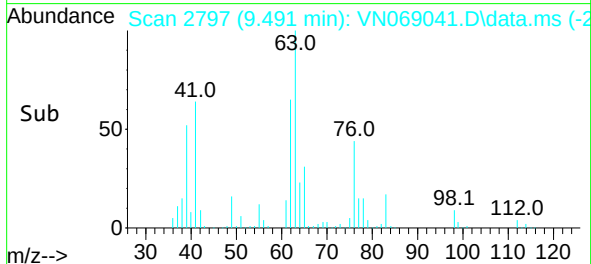
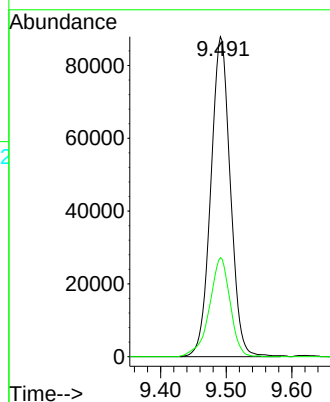
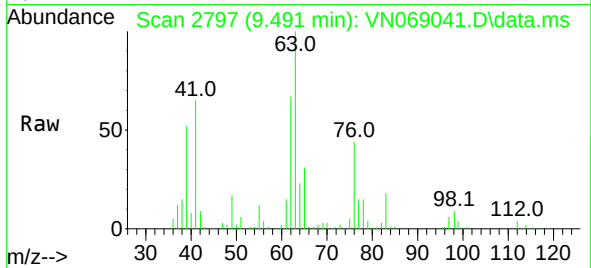




#45  
1,2-Dichloropropane  
Concen: 53.740 ug/l  
RT: 9.491 min Scan# 2797  
Delta R.T. 0.000 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

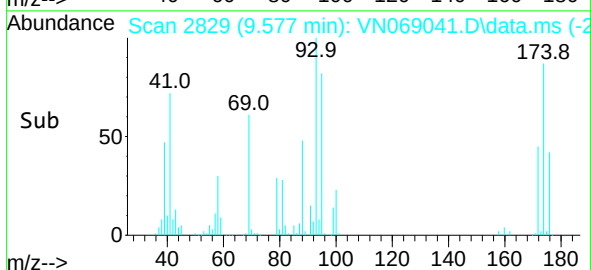
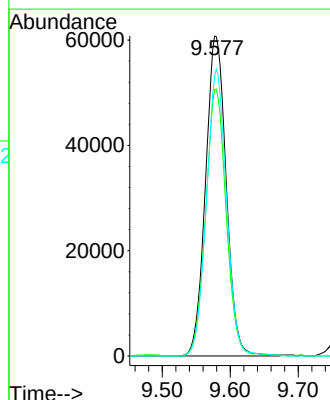
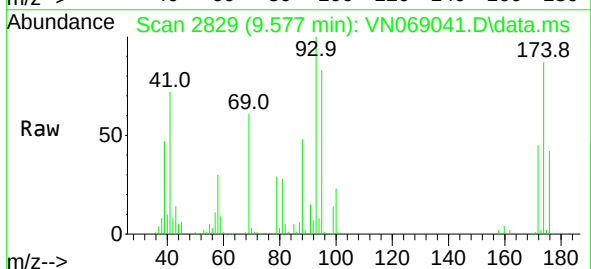
Instrument :  
MSVOA\_N  
ClientSampled :

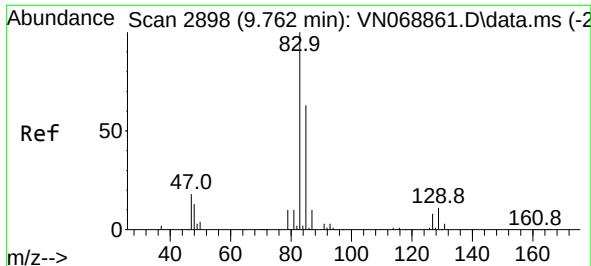
Tgt Ion: 63 Resp: 181772  
Ion Ratio Lower Upper  
63 100  
65 31.0 25.6 38.4



#46  
Dibromomethane  
Concen: 55.571 ug/l  
RT: 9.577 min Scan# 2829  
Delta R.T. -0.003 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

Tgt Ion: 93 Resp: 128307  
Ion Ratio Lower Upper  
93 100  
95 82.3 66.5 99.7  
174 87.2 73.8 110.8

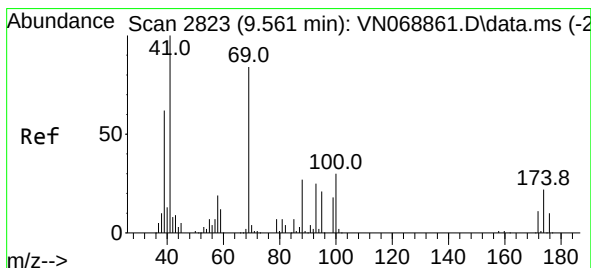
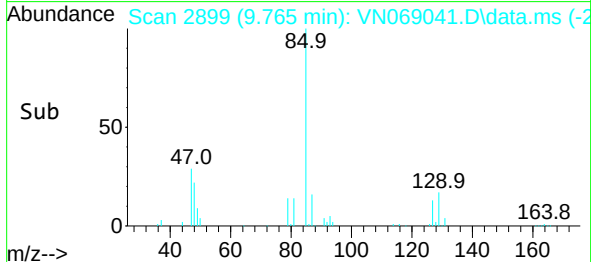
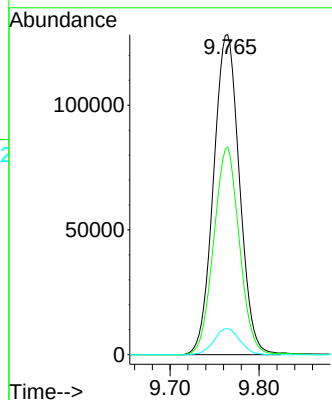
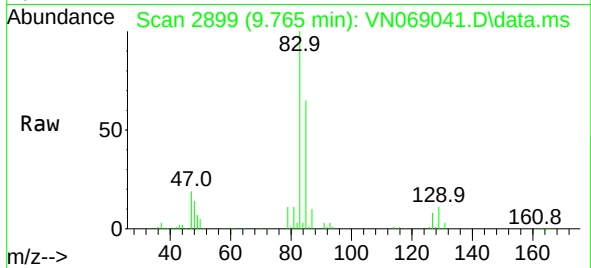




#47  
Bromodichloromethane  
Concen: 54.298 ug/l  
RT: 9.765 min Scan# 2899  
Delta R.T. 0.003 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

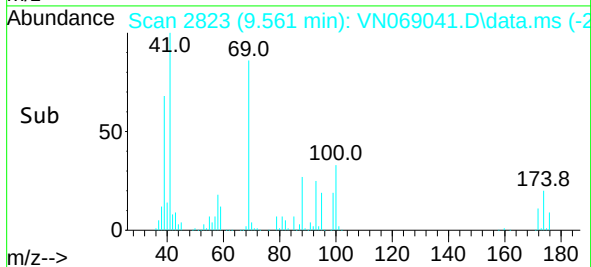
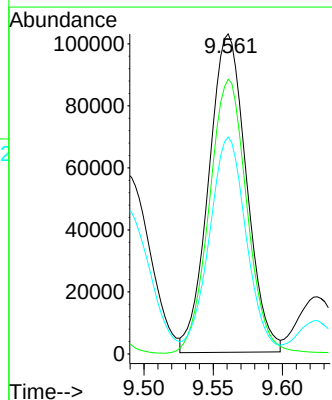
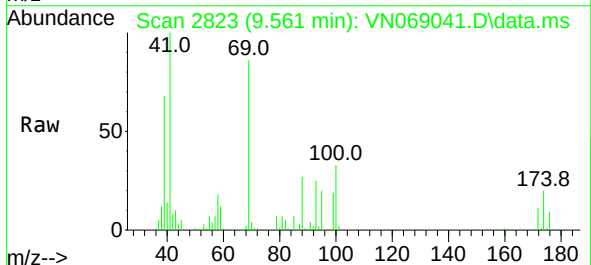
Instrument :  
MSVOA\_N  
ClientSampled :

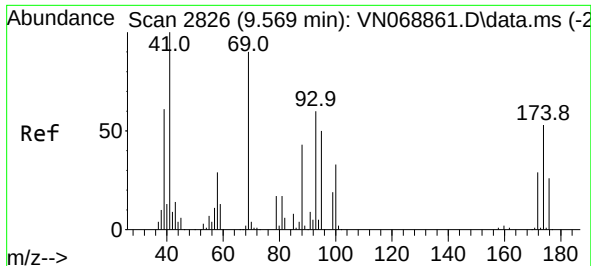
Tgt Ion: 83 Resp: 259793  
Ion Ratio Lower Upper  
83 100  
85 64.9 50.7 76.1  
127 8.1 6.5 9.7



#48  
Methyl methacrylate  
Concen: 52.987 ug/l  
RT: 9.561 min Scan# 2823  
Delta R.T. 0.000 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

Tgt Ion: 41 Resp: 194210  
Ion Ratio Lower Upper  
41 100  
69 86.1 66.4 99.6  
39 67.0 50.2 75.2

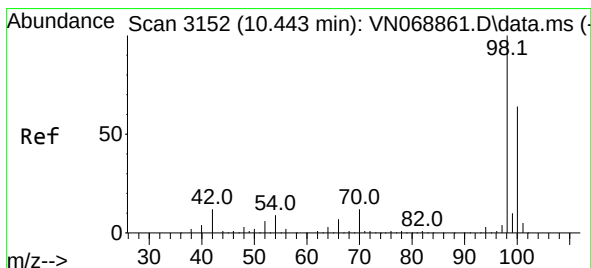
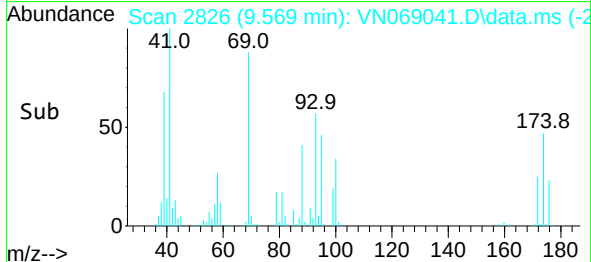
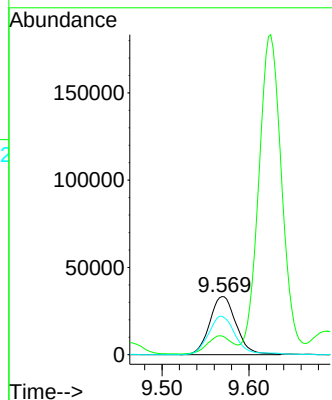
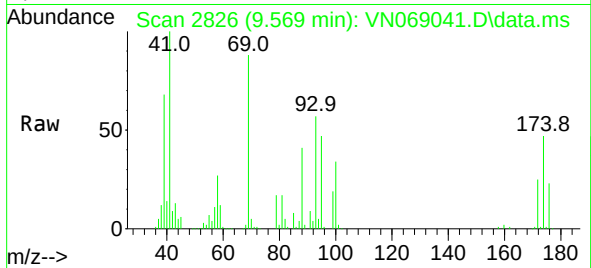




#49  
1,4-Dioxane  
Concen: 986.919 ug/l  
RT: 9.569 min Scan# 2826  
Delta R.T. -0.000 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

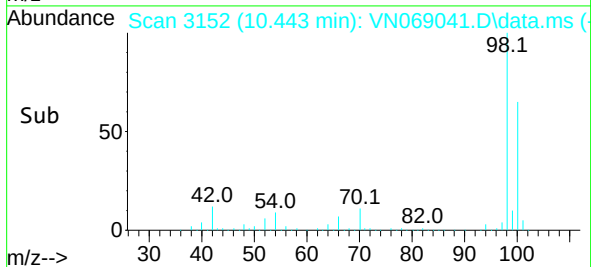
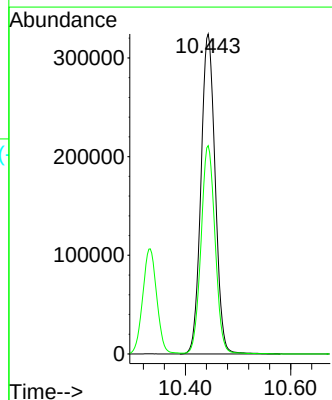
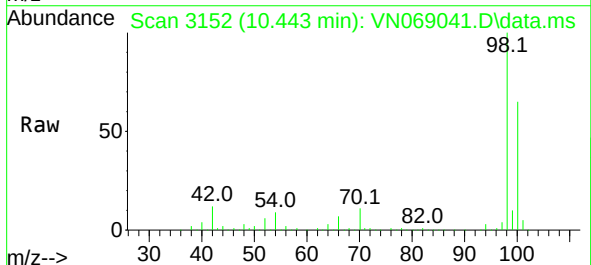
Instrument :  
MSVOA\_N  
ClientSampleId :

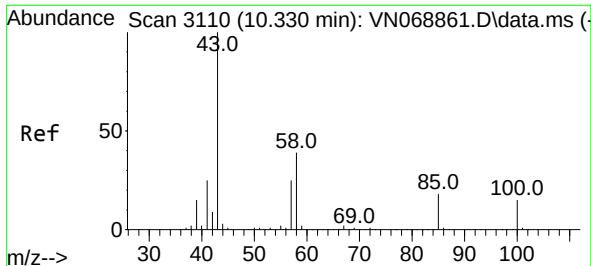
Tgt Ion: 88 Resp: 70467  
Ion Ratio Lower Upper  
88 100  
43 29.2 24.9 37.3  
58 68.4 56.9 85.3



#50  
Toluene-d8  
Concen: 51.969 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. 0.000 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

Tgt Ion: 98 Resp: 606309  
Ion Ratio Lower Upper  
98 100  
100 64.2 51.5 77.3

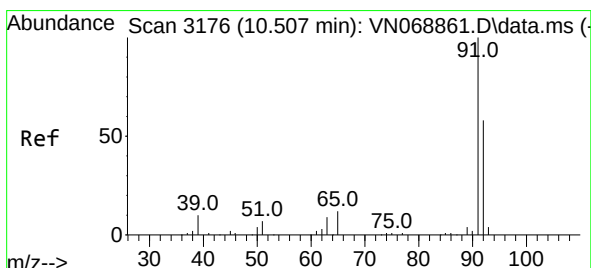
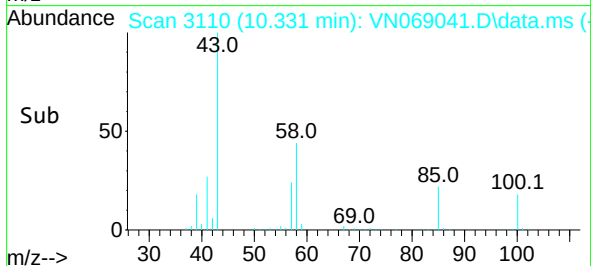
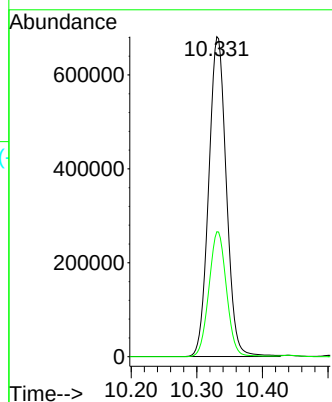
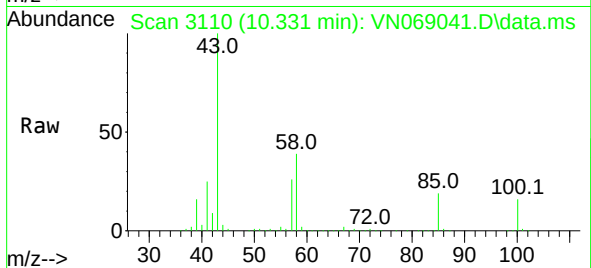




#51  
4-Methyl-2-Pentanone  
Concen: 281.006 ug/l  
RT: 10.331 min Scan# 3110  
Delta R.T. 0.000 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

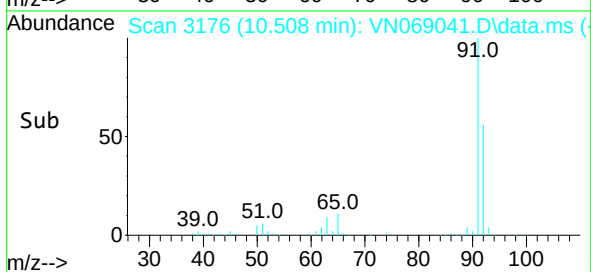
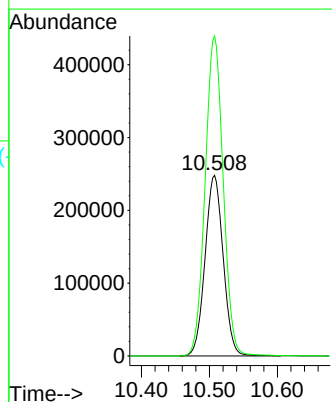
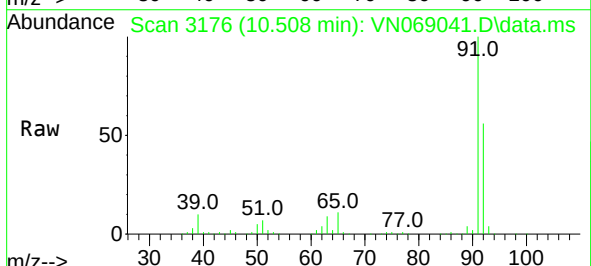
Instrument :  
MSVOA\_N  
ClientSampleId :

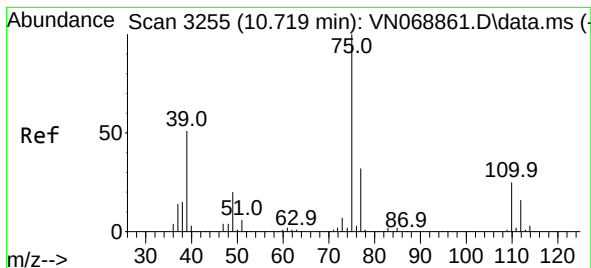
Tgt Ion: 43 Resp: 1271023  
Ion Ratio Lower Upper  
43 100  
58 39.0 31.0 46.4



#52  
Toluene  
Concen: 54.888 ug/l  
RT: 10.508 min Scan# 3176  
Delta R.T. 0.000 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

Tgt Ion: 92 Resp: 460316  
Ion Ratio Lower Upper  
92 100  
91 176.7 138.5 207.7

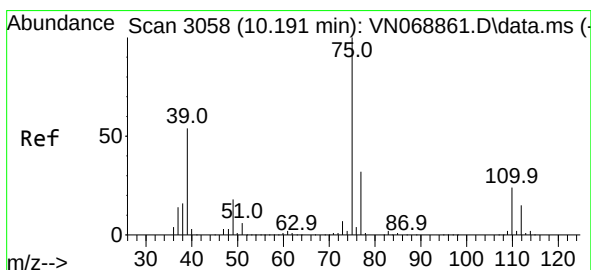
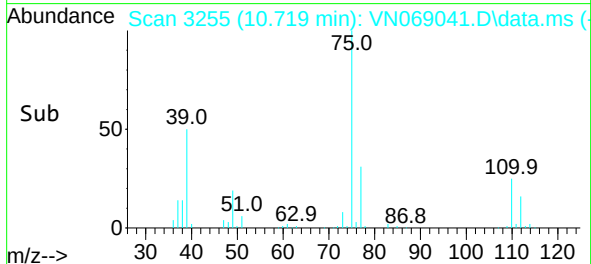
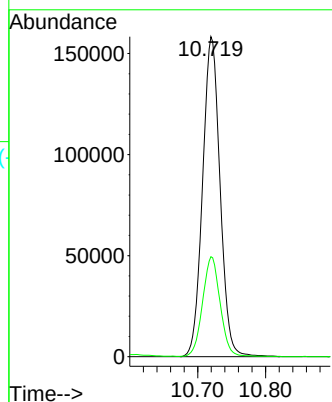
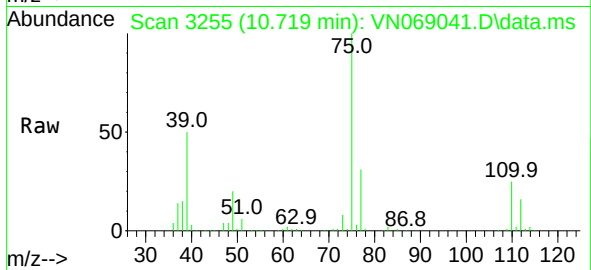




#53  
t-1,3-Dichloropropene  
Concen: 52.207 ug/l  
RT: 10.719 min Scan# 3255  
Delta R.T. 0.000 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

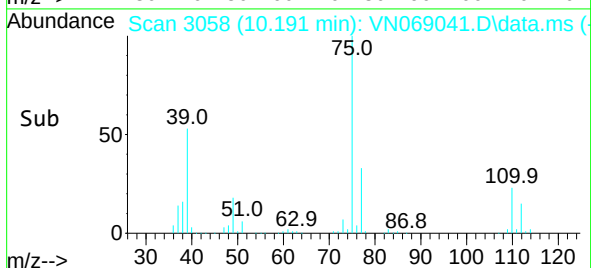
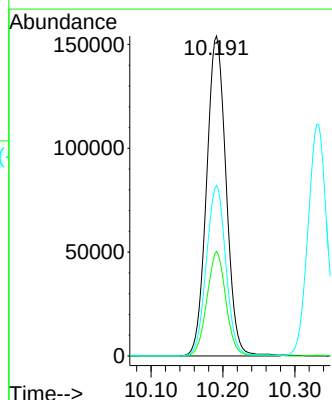
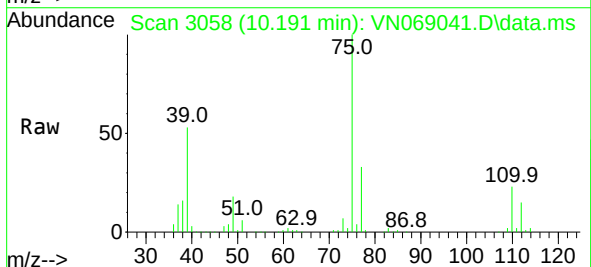
Instrument :  
MSVOA\_N  
ClientSampled :

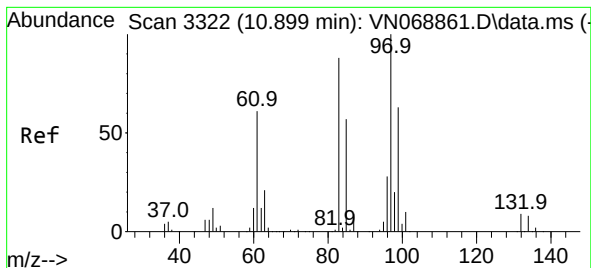
Tgt Ion: 75 Resp: 282947  
Ion Ratio Lower Upper  
75 100  
77 31.2 25.4 38.2



#54  
cis-1,3-Dichloropropene  
Concen: 51.618 ug/l  
RT: 10.191 min Scan# 3058  
Delta R.T. 0.000 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

Tgt Ion: 75 Resp: 291071  
Ion Ratio Lower Upper  
75 100  
77 32.6 25.6 38.4  
39 53.3 42.9 64.3

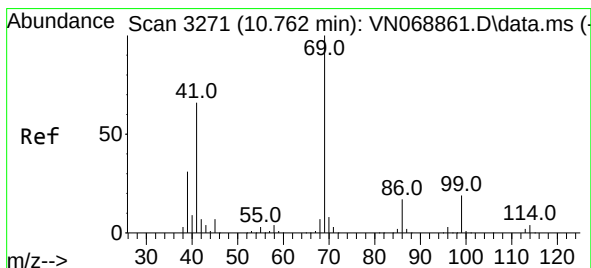
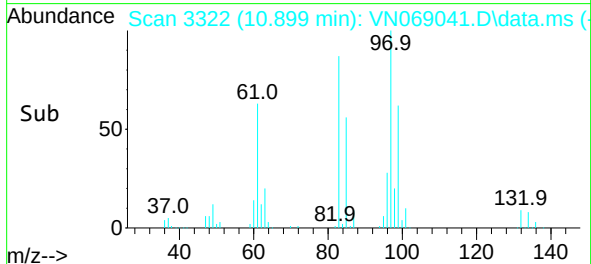
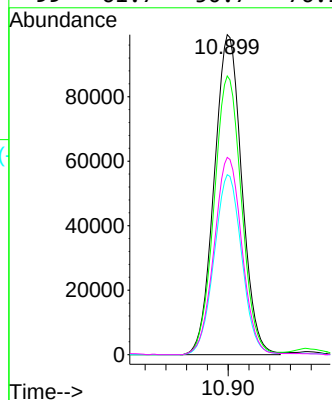
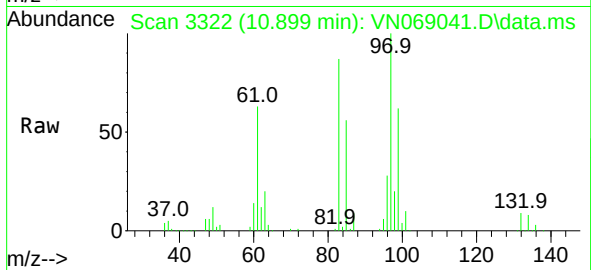




#55  
1,1,2-Trichloroethane  
Concen: 55.341 ug/l  
RT: 10.899 min Scan# 3322  
Delta R.T. 0.000 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

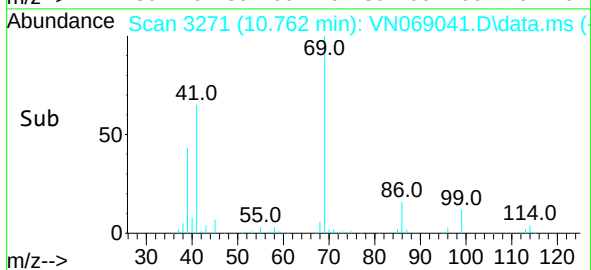
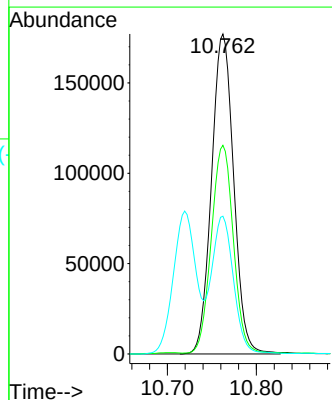
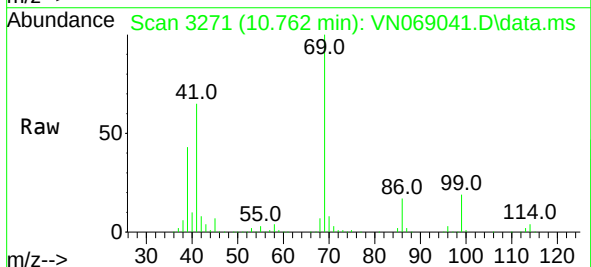
Instrument :  
MSVOA\_N  
ClientSampled :

Tgt Ion: 97 Resp: 182982  
Ion Ratio Lower Upper  
97 100  
83 87.1 70.5 105.7  
85 56.3 45.3 67.9  
99 61.7 50.7 76.1

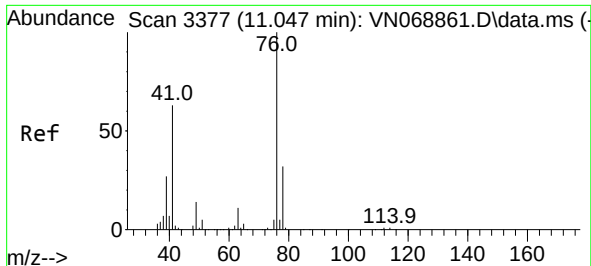


#56  
Ethyl methacrylate  
Concen: 55.225 ug/l  
RT: 10.762 min Scan# 3271  
Delta R.T. 0.000 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

Tgt Ion: 69 Resp: 306585  
Ion Ratio Lower Upper  
69 100  
41 64.8 53.3 79.9  
39 42.4 33.3 49.9



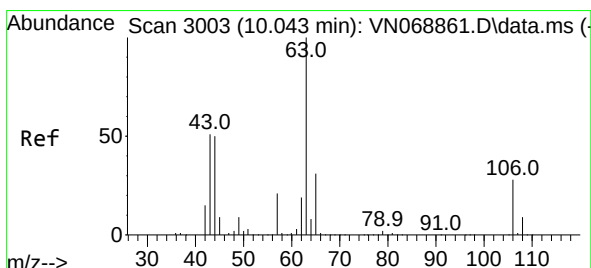
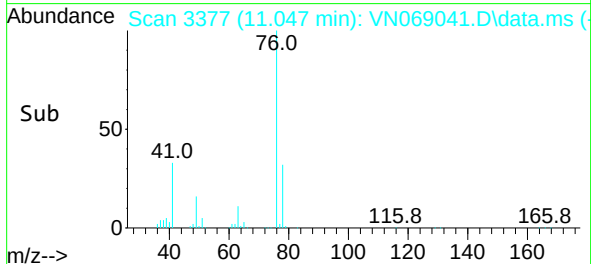
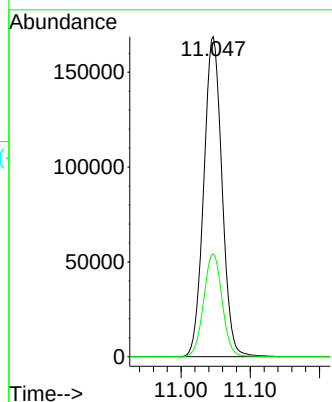
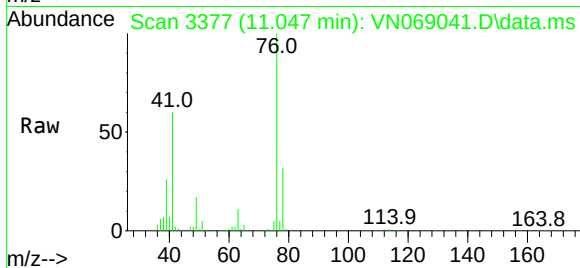




#57  
1,3-Dichloropropane  
Concen: 56.589 ug/l  
RT: 11.047 min Scan# 3377  
Delta R.T. 0.000 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

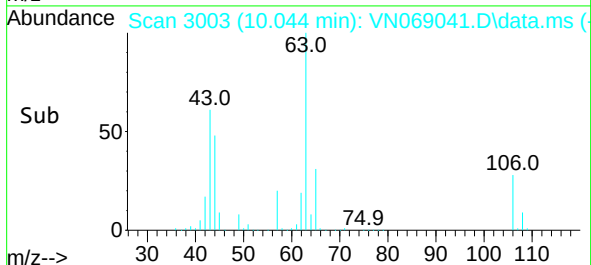
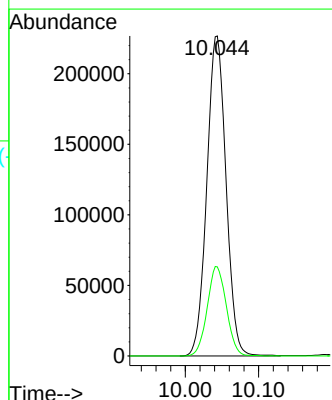
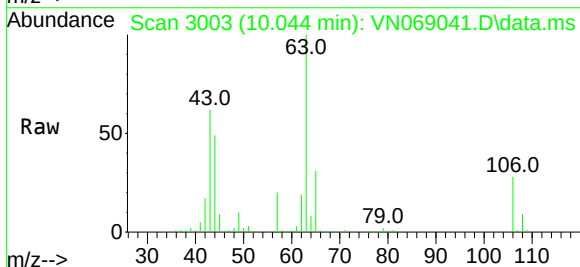
Instrument :  
MSVOA\_N  
ClientSampled :

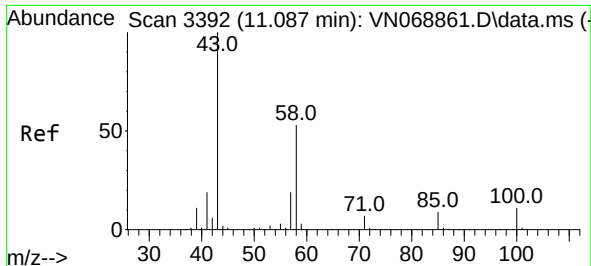
Tgt Ion: 76 Resp: 308532  
Ion Ratio Lower Upper  
76 100  
78 32.6 25.8 38.8



#58  
2-Chloroethyl Vinyl ether  
Concen: 252.354 ug/l  
RT: 10.044 min Scan# 3003  
Delta R.T. 0.001 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

Tgt Ion: 63 Resp: 412424  
Ion Ratio Lower Upper  
63 100  
106 27.9 22.2 33.2

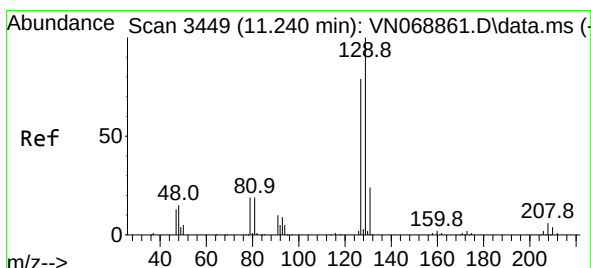
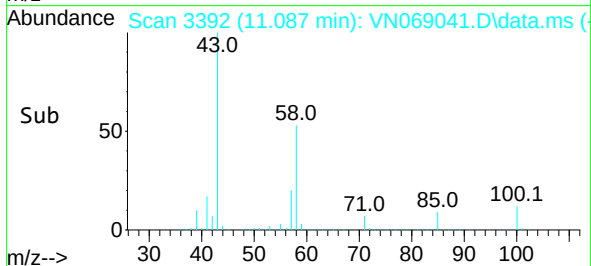
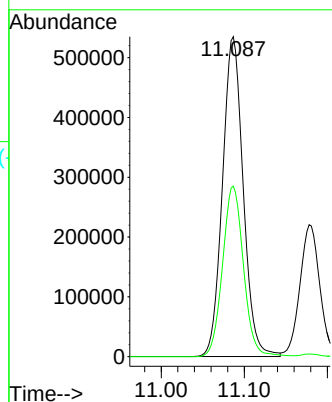
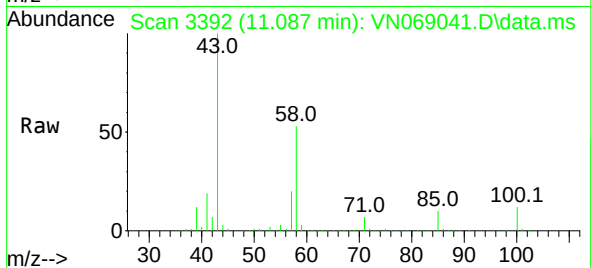




#59  
2-Hexanone  
Concen: 286.003 ug/l  
RT: 11.087 min Scan# 3392  
Delta R.T. 0.000 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

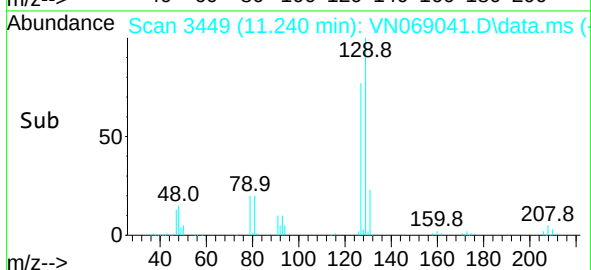
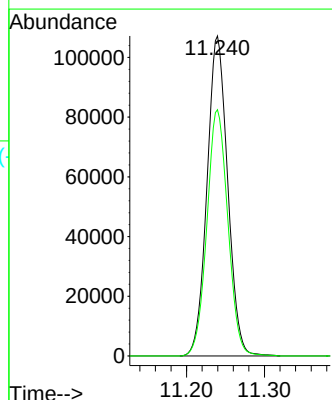
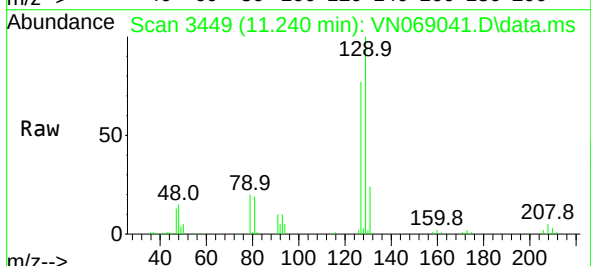
Instrument :  
MSVOA\_N  
ClientSampled :

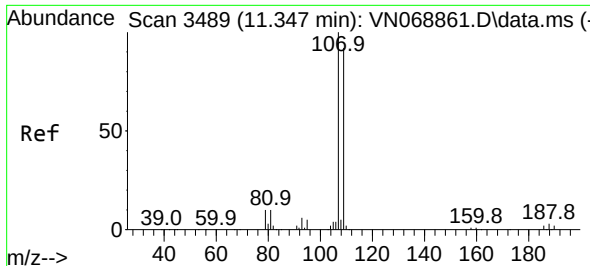
Tgt Ion: 43 Resp: 927701  
Ion Ratio Lower Upper  
43 100  
58 53.9 26.9 80.7



#60  
Dibromochloromethane  
Concen: 52.925 ug/l  
RT: 11.240 min Scan# 3449  
Delta R.T. 0.000 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

Tgt Ion:129 Resp: 197524  
Ion Ratio Lower Upper  
129 100  
127 78.3 39.1 117.2

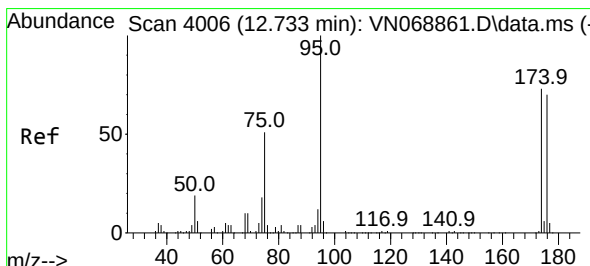
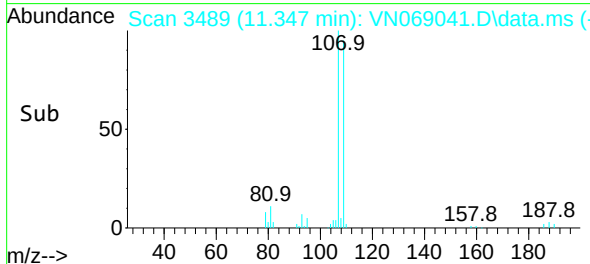
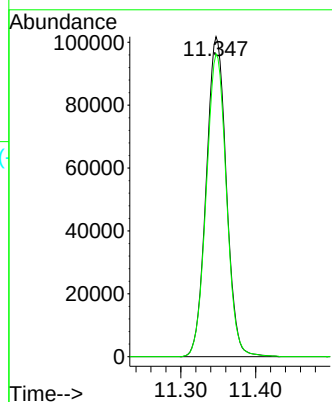
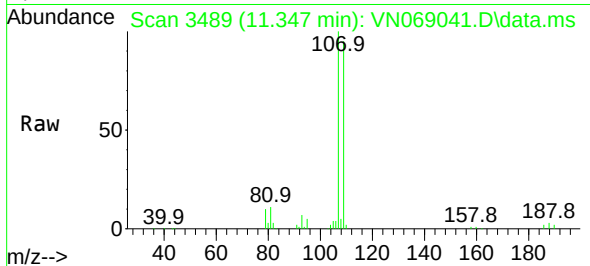




#61  
1,2-Dibromoethane  
Concen: 55.994 ug/l  
RT: 11.347 min Scan# 3489  
Delta R.T. 0.000 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

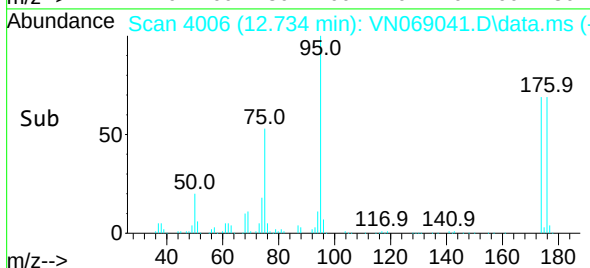
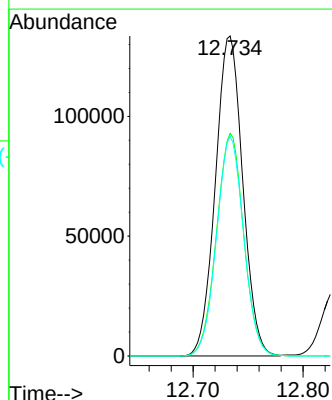
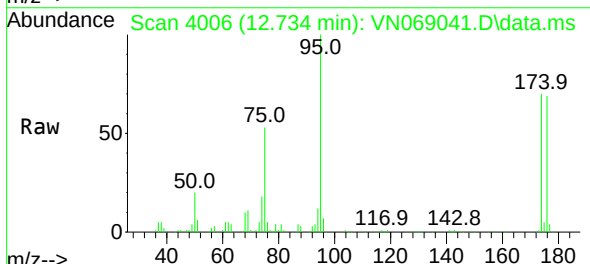
Instrument :  
MSVOA\_N  
ClientSampled :

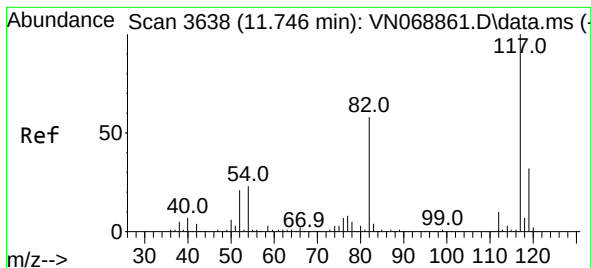
Tgt Ion:107 Resp: 189904  
Ion Ratio Lower Upper  
107 100  
109 95.0 74.7 112.1



#62  
4-Bromofluorobenzene  
Concen: 52.440 ug/l  
RT: 12.734 min Scan# 4006  
Delta R.T. 0.000 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

Tgt Ion: 95 Resp: 230827  
Ion Ratio Lower Upper  
95 100  
174 69.4 0.0 144.8  
176 67.9 0.0 140.0

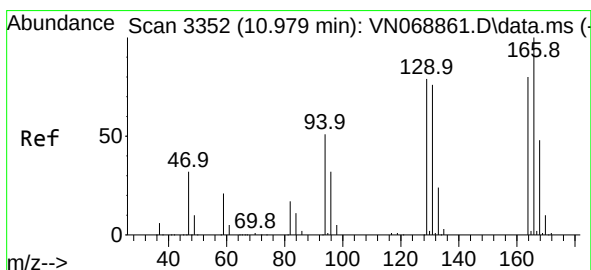
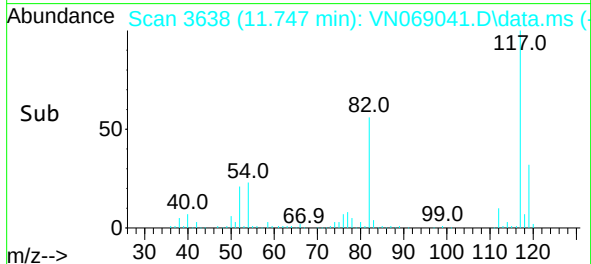
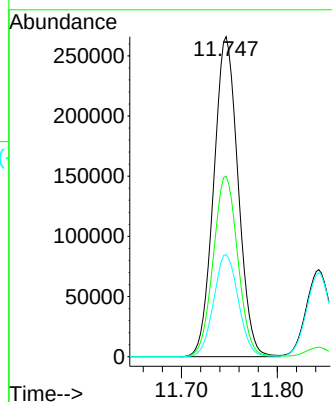
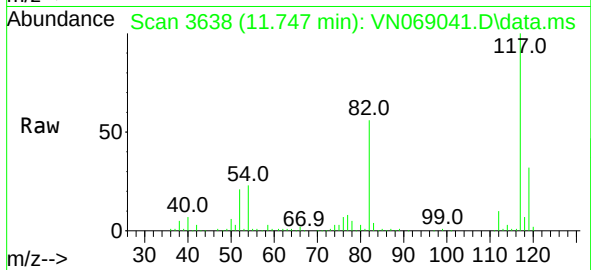




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.747 min Scan# 3638  
Delta R.T. 0.000 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

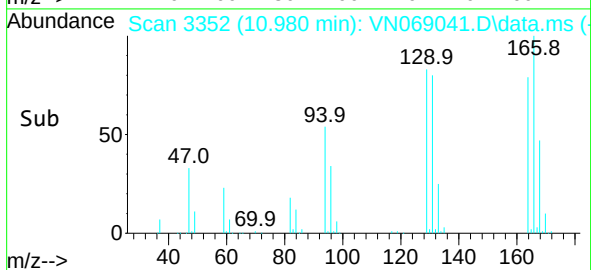
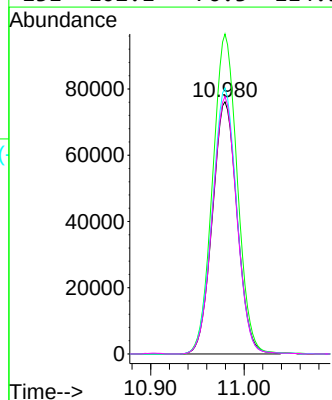
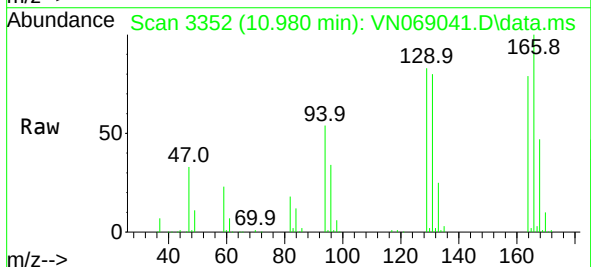
Instrument :  
MSVOA\_N  
ClientSampled :

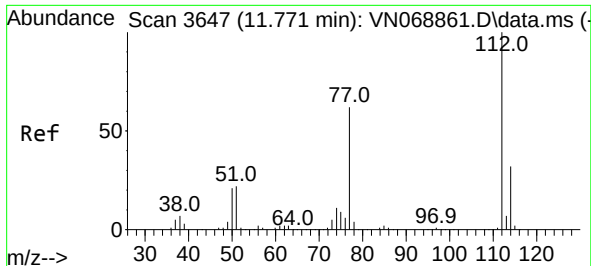
Tgt Ion:117 Resp: 469621  
Ion Ratio Lower Upper  
117 100  
82 56.4 46.4 69.6  
119 31.9 26.0 39.0



#64  
Tetrachloroethene  
Concen: 46.345 ug/l  
RT: 10.980 min Scan# 3352  
Delta R.T. 0.000 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

Tgt Ion:164 Resp: 140205  
Ion Ratio Lower Upper  
164 100  
166 126.9 99.8 149.8  
129 105.4 79.2 118.8  
131 102.1 76.3 114.5

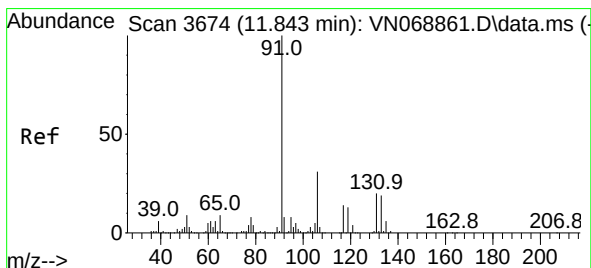
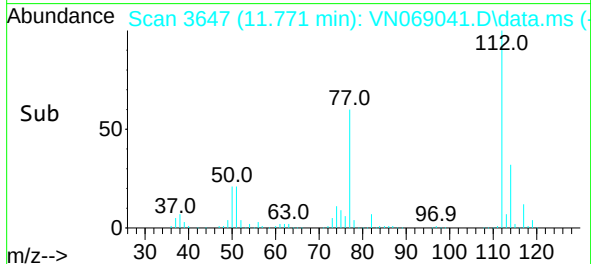
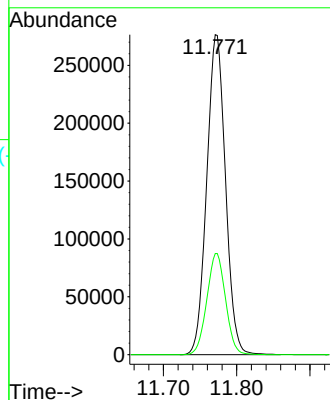
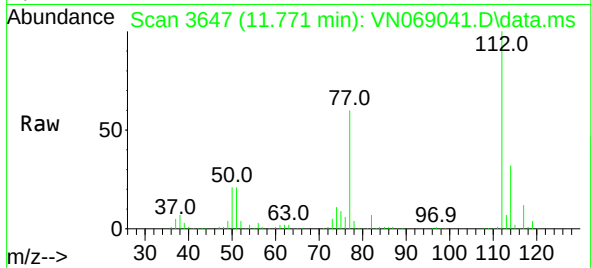




#65  
Chlorobenzene  
Concen: 55.300 ug/l  
RT: 11.771 min Scan# 3647  
Delta R.T. 0.000 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

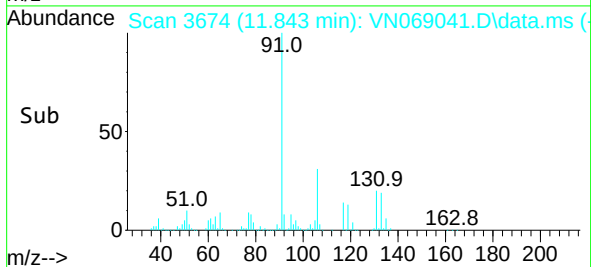
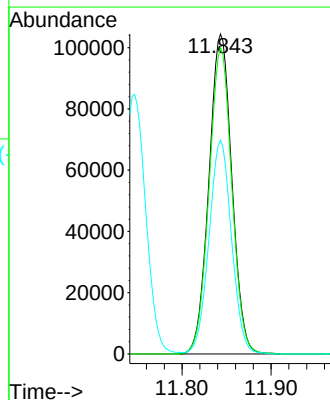
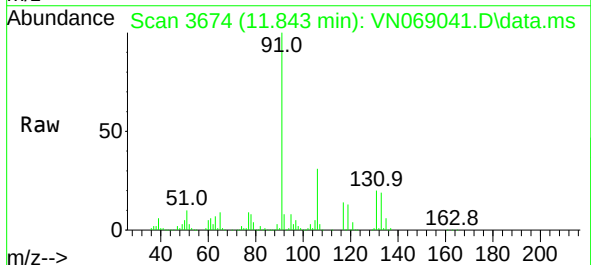
Instrument :  
MSVOA\_N  
ClientSampleId :

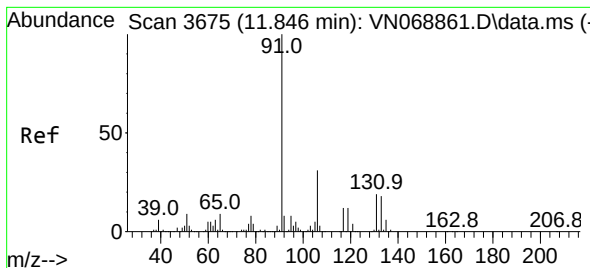
Tgt Ion:112 Resp: 491429  
Ion Ratio Lower Upper  
112 100  
114 31.6 25.5 38.3



#66  
1,1,1,2-Tetrachloroethane  
Concen: 53.792 ug/l  
RT: 11.843 min Scan# 3674  
Delta R.T. 0.000 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

Tgt Ion:131 Resp: 187100  
Ion Ratio Lower Upper  
131 100  
133 94.7 47.3 142.0  
119 65.7 33.0 99.0

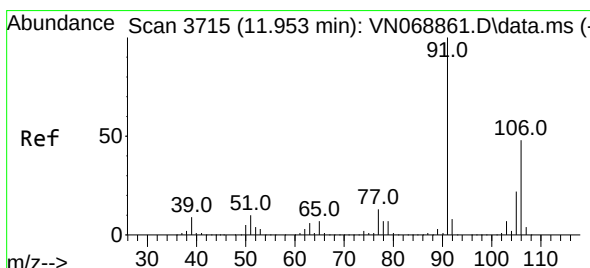
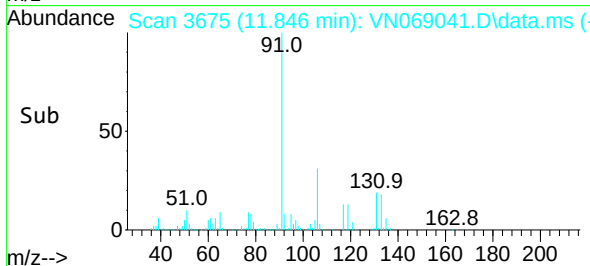
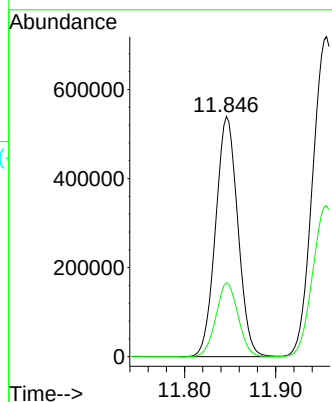
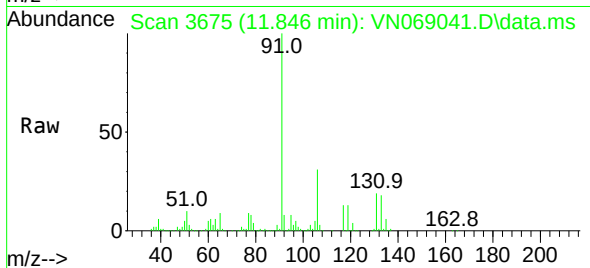




#67  
Ethyl Benzene  
Concen: 55.275 ug/l  
RT: 11.846 min Scan# 3675  
Delta R.T. 0.000 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

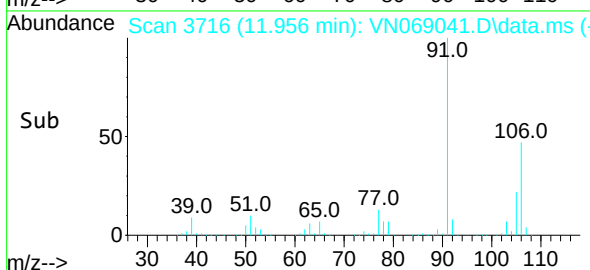
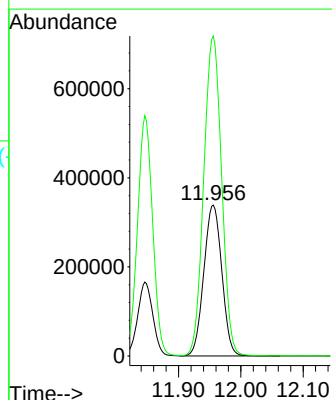
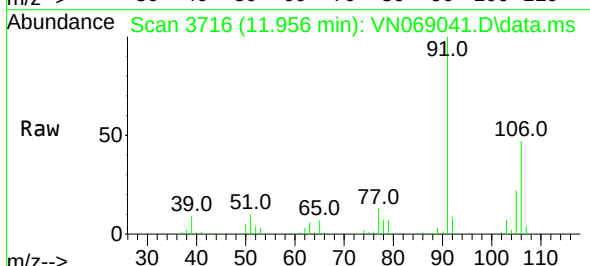
Instrument :  
MSVOA\_N  
ClientSampled :

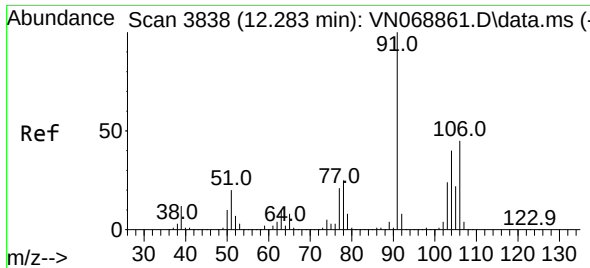
Tgt Ion: 91 Resp: 912443  
Ion Ratio Lower Upper  
91 100  
106 30.8 24.8 37.2



#68  
m/p-Xylenes  
Concen: 108.759 ug/l  
RT: 11.956 min Scan# 3716  
Delta R.T. 0.003 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

Tgt Ion:106 Resp: 680577  
Ion Ratio Lower Upper  
106 100  
91 210.0 166.8 250.2

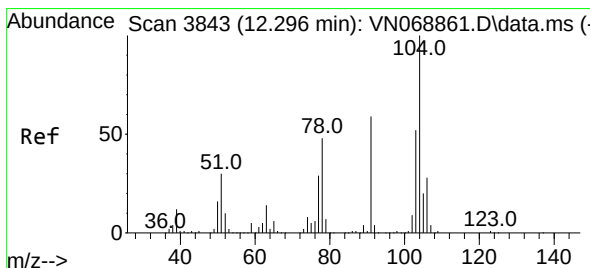
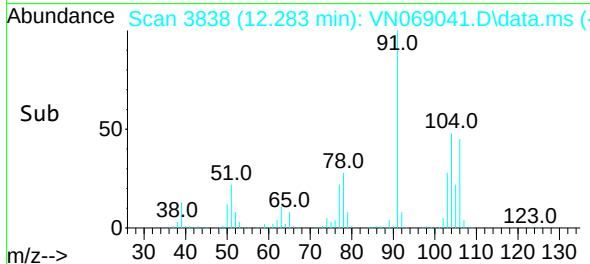
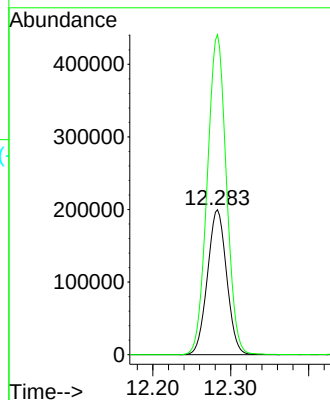
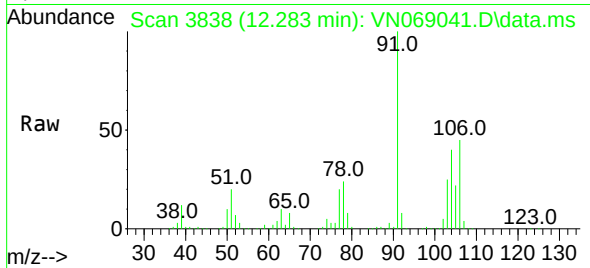




#69  
o-Xylene  
Concen: 54.655 ug/l  
RT: 12.283 min Scan# 3838  
Delta R.T. 0.000 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

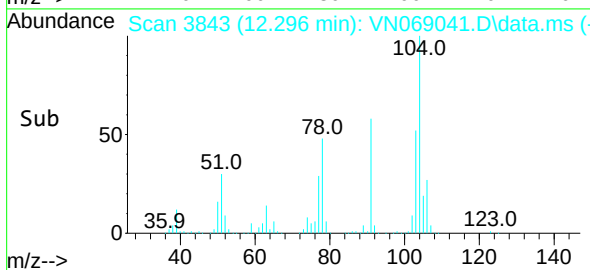
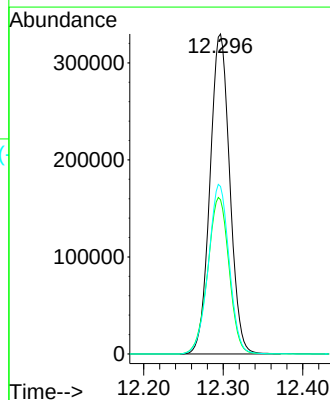
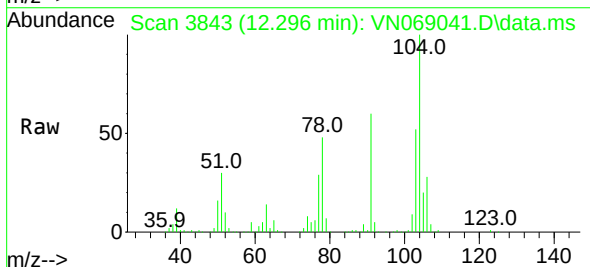
Instrument :  
MSVOA\_N  
ClientSampleId :

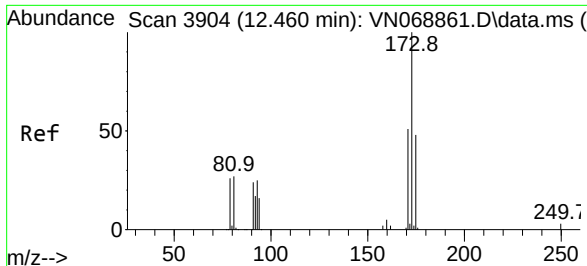
Tgt Ion:106 Resp: 342338  
Ion Ratio Lower Upper  
106 100  
91 220.4 109.6 328.6



#70  
Styrene  
Concen: 55.970 ug/l  
RT: 12.296 min Scan# 3843  
Delta R.T. 0.000 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

Tgt Ion:104 Resp: 570676  
Ion Ratio Lower Upper  
104 100  
78 52.8 42.2 63.4  
103 55.8 44.4 66.6

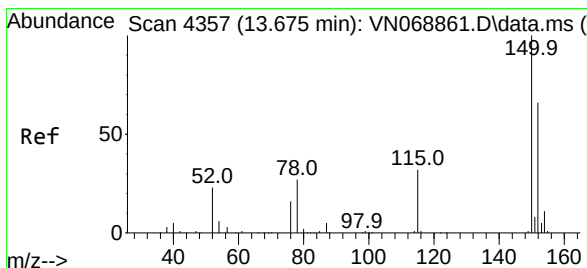
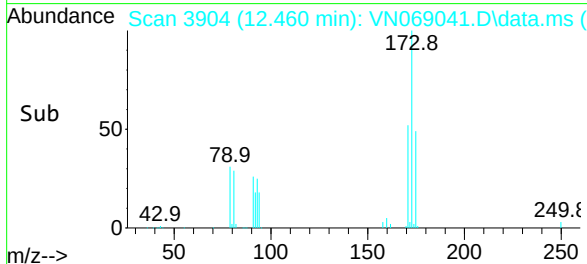
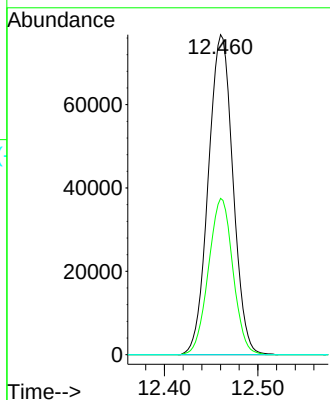
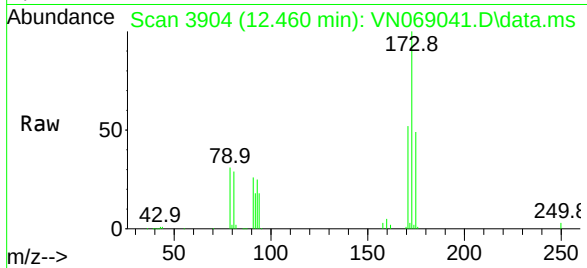




#71  
Bromoform  
Concen: 50.493 ug/l  
RT: 12.460 min Scan# 3904  
Delta R.T. 0.000 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

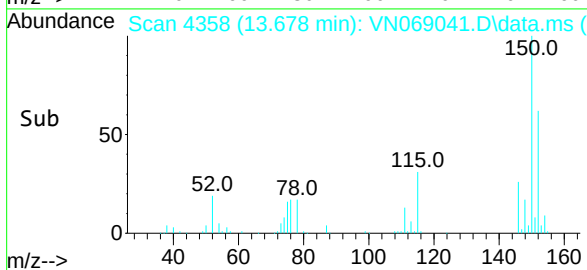
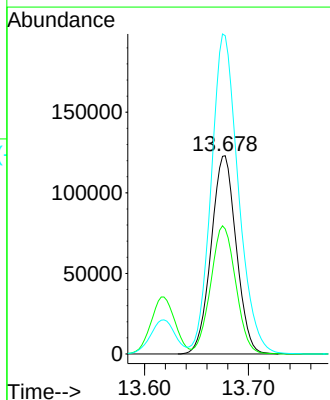
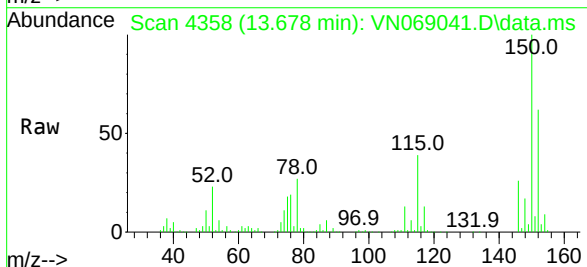
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:173 Resp: 140688  
Ion Ratio Lower Upper  
173 100  
175 48.4 23.8 71.5  
254 0.0 0.0 0.0

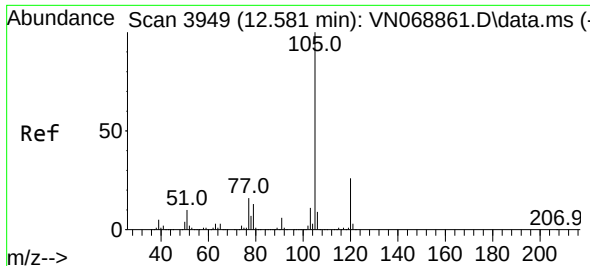


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.678 min Scan# 4358  
Delta R.T. 0.003 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

Tgt Ion:152 Resp: 206137  
Ion Ratio Lower Upper  
152 100  
115 64.6 31.4 94.3  
150 175.2 0.0 351.0

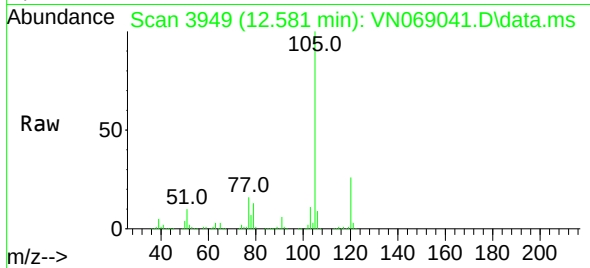




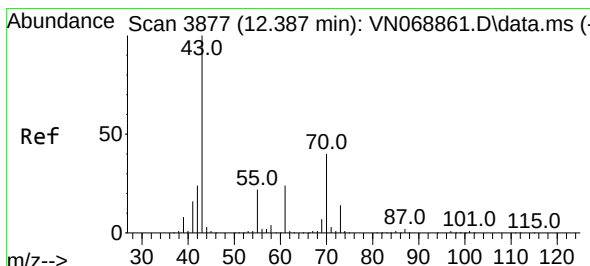
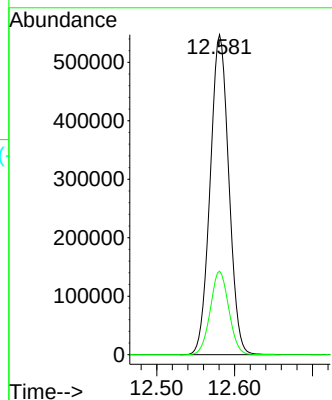
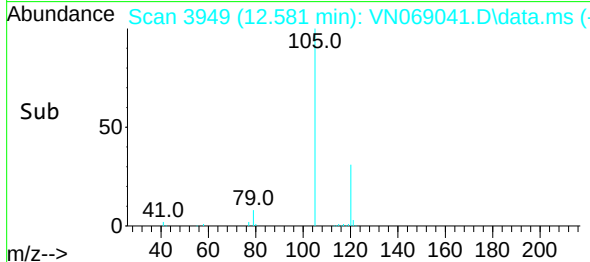


#73  
Isopropylbenzene  
Concen: 53.025 ug/l  
RT: 12.581 min Scan# 3949  
Delta R.T. 0.000 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

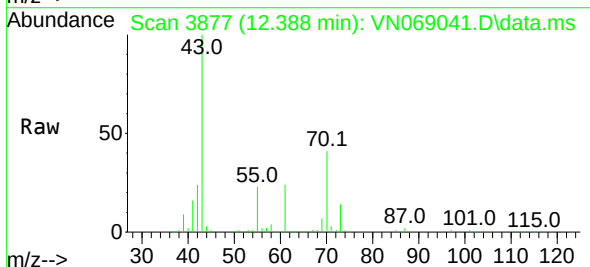
Instrument :  
MSVOA\_N  
ClientSampled :



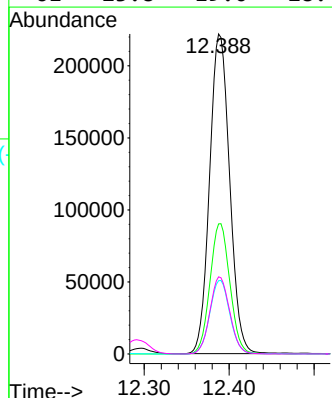
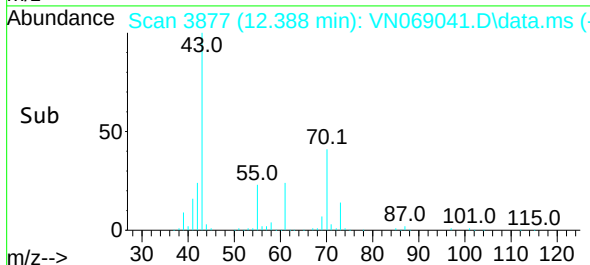
Tgt Ion:105 Resp: 909796  
Ion Ratio Lower Upper  
105 100  
120 25.9 13.1 39.3

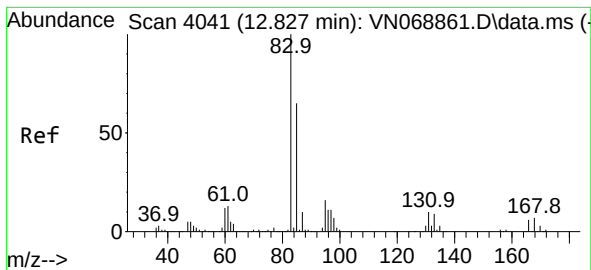


#74  
N-ethyl acetate  
Concen: 55.907 ug/l  
RT: 12.388 min Scan# 3877  
Delta R.T. 0.000 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00



Tgt Ion: 43 Resp: 363417  
Ion Ratio Lower Upper  
43 100  
70 40.5 32.2 48.2  
55 23.1 18.0 27.0  
61 23.8 19.0 28.4

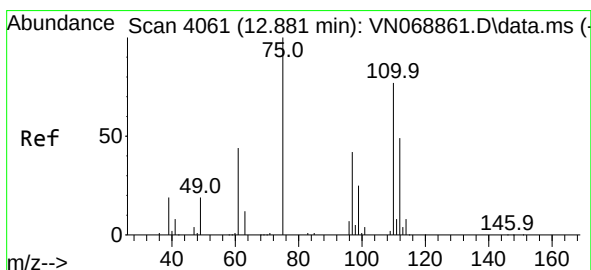
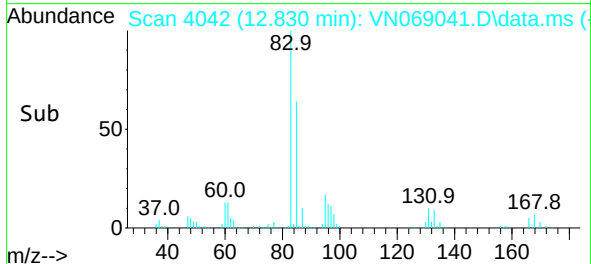
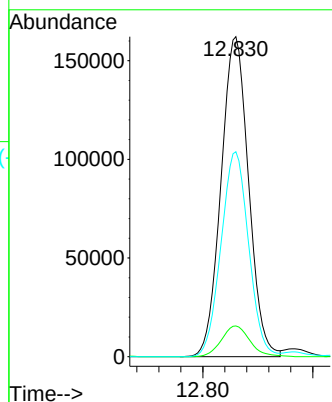
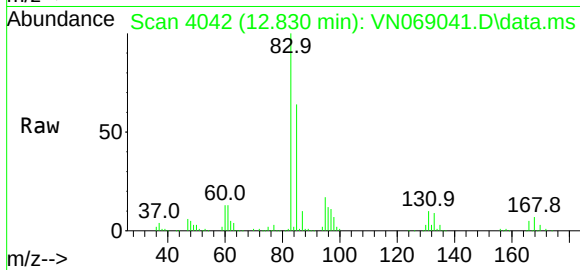




#75  
1,1,2,2-Tetrachloroethane  
Concen: 56.915 ug/l  
RT: 12.830 min Scan# 4042  
Delta R.T. 0.003 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

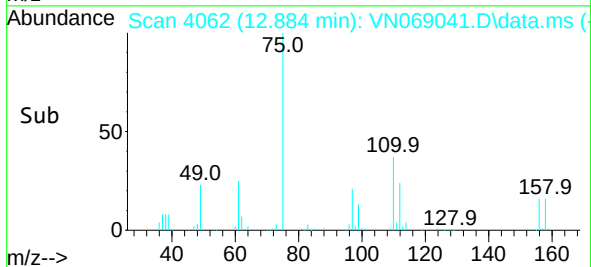
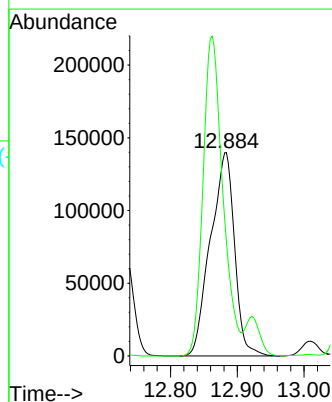
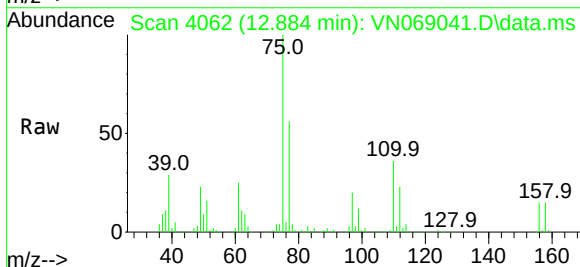
Instrument :  
MSVOA\_N  
ClientSampled :

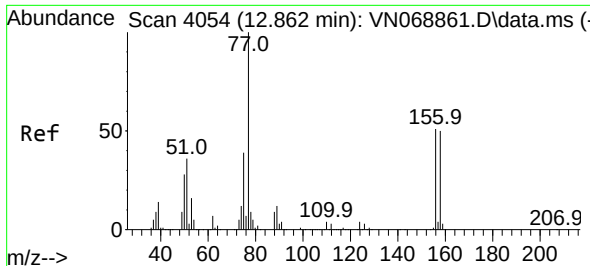
Tgt Ion: 83 Resp: 282209  
Ion Ratio Lower Upper  
83 100  
131 10.0 5.1 15.2  
85 64.2 32.3 96.8



#76  
1,2,3-Trichloropropane  
Concen: 79.915 ug/l  
RT: 12.884 min Scan# 4062  
Delta R.T. 0.003 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

Tgt Ion: 75 Resp: 350508  
Ion Ratio Lower Upper  
75 100  
77 0.0 96.2 288.4#

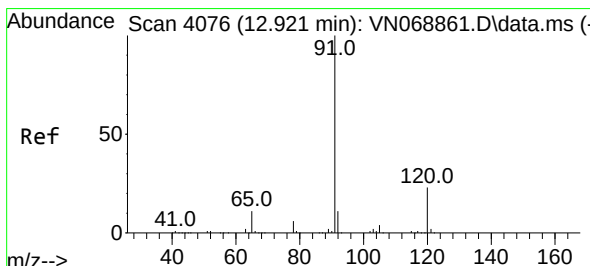
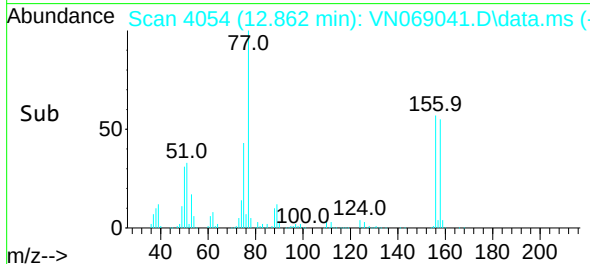
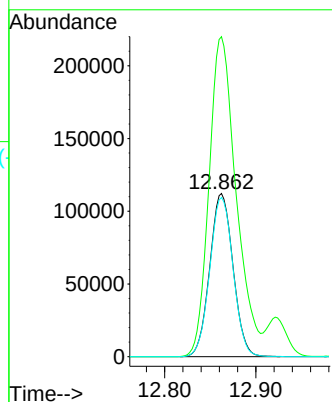
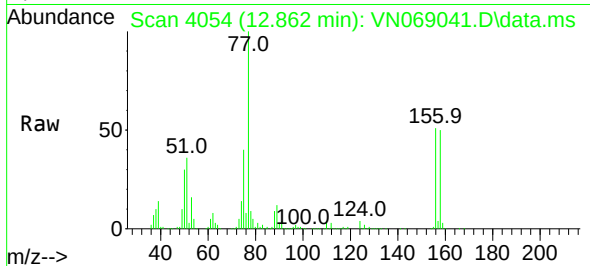




#77  
Bromobenzene  
Concen: 52.433 ug/l  
RT: 12.862 min Scan# 4054  
Delta R.T. 0.000 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

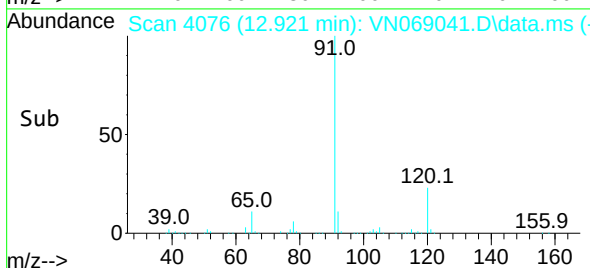
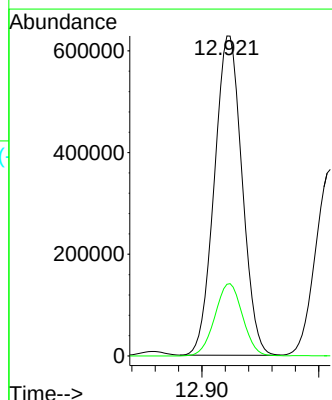
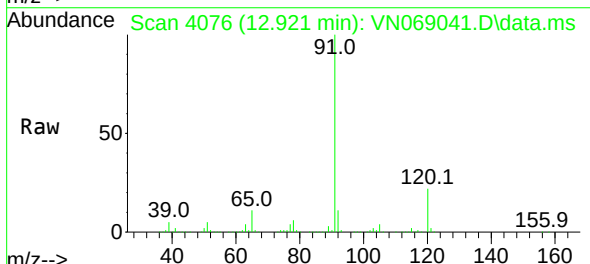
Instrument :  
MSVOA\_N  
ClientSampleId :

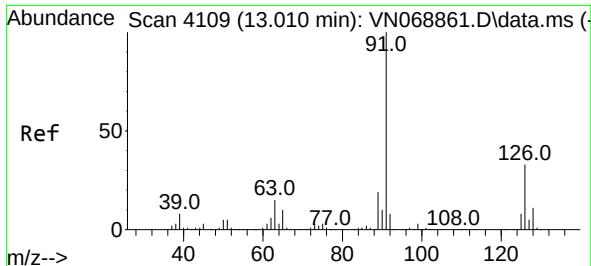
Tgt Ion:156 Resp: 198932  
Ion Ratio Lower Upper  
156 100  
77 227.9 111.8 335.3  
158 97.7 48.4 145.0



#78  
n-propylbenzene  
Concen: 53.679 ug/l  
RT: 12.921 min Scan# 4076  
Delta R.T. 0.000 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

Tgt Ion: 91 Resp: 1035031  
Ion Ratio Lower Upper  
91 100  
120 22.6 11.4 34.1

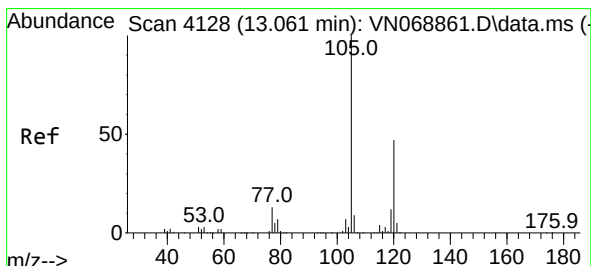
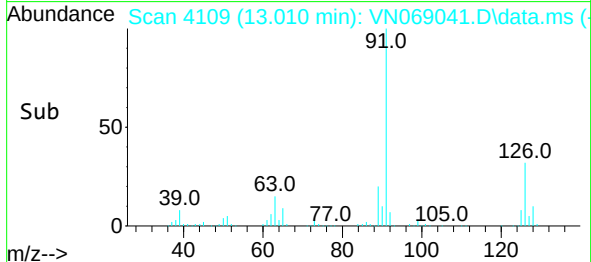
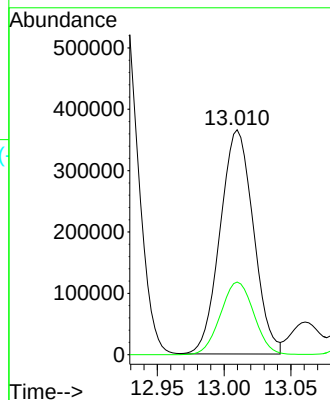
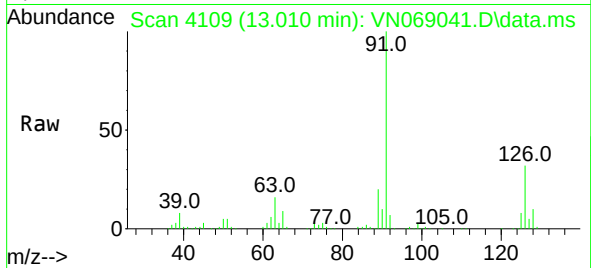




#79  
2-Chlorotoluene  
Concen: 53.461 ug/l  
RT: 13.010 min Scan# 4109  
Delta R.T. 0.000 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

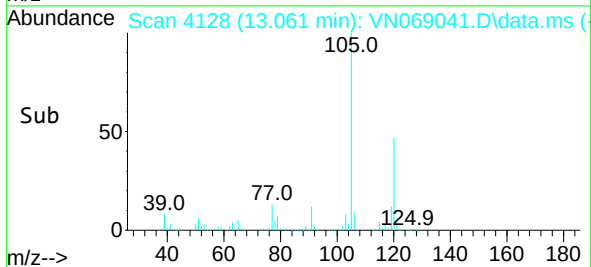
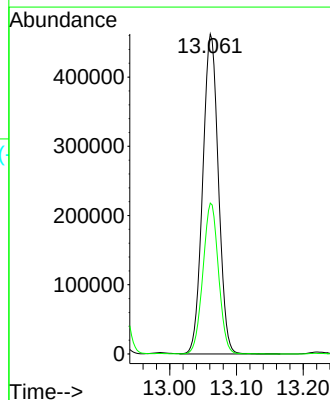
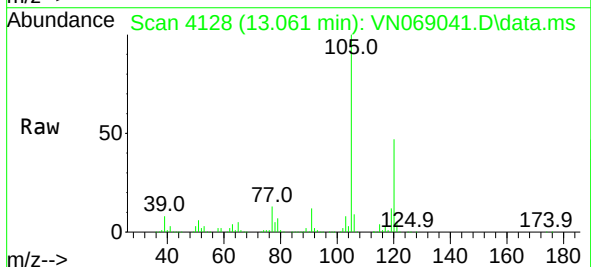
Instrument :  
MSVOA\_N  
ClientSampled :

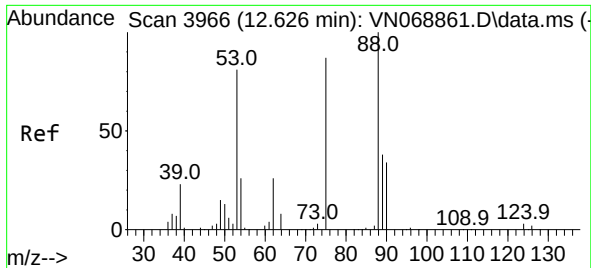
Tgt Ion: 91 Resp: 635372  
Ion Ratio Lower Upper  
91 100  
126 32.5 16.4 49.4



#80  
1,3,5-Trimethylbenzene  
Concen: 52.819 ug/l  
RT: 13.061 min Scan# 4128  
Delta R.T. 0.000 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

Tgt Ion: 105 Resp: 754859  
Ion Ratio Lower Upper  
105 100  
120 46.7 23.4 70.2

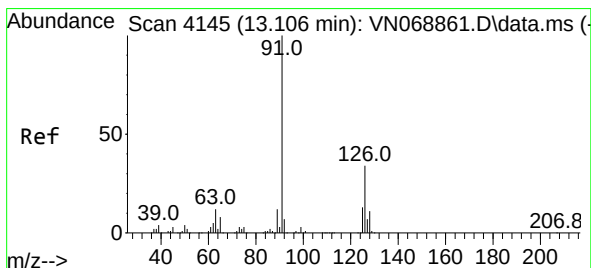
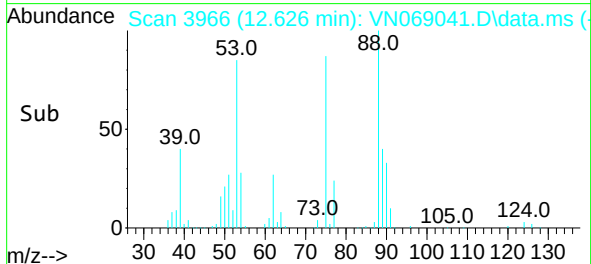
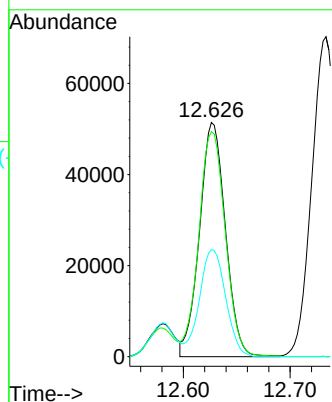
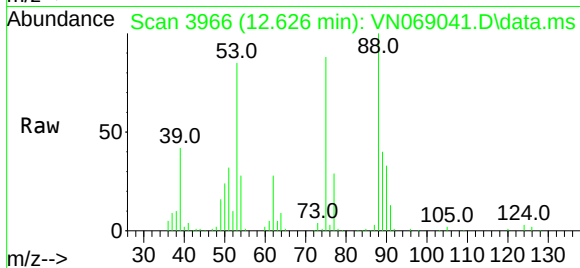




#81  
trans-1,4-Dichloro-2-butene  
Concen: 47.298 ug/l  
RT: 12.626 min Scan# 3966  
Delta R.T. 0.000 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

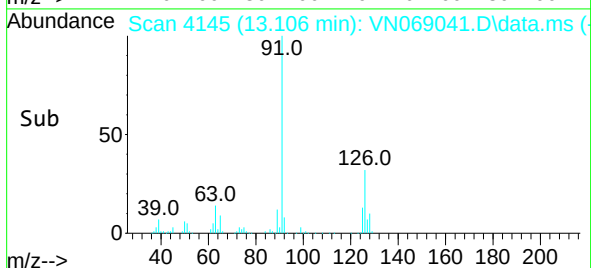
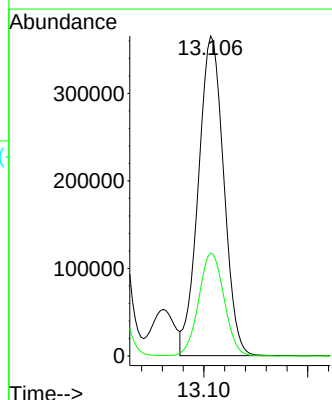
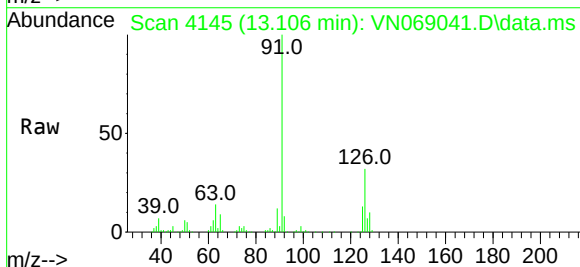
Instrument :  
MSVOA\_N  
ClientSampled :

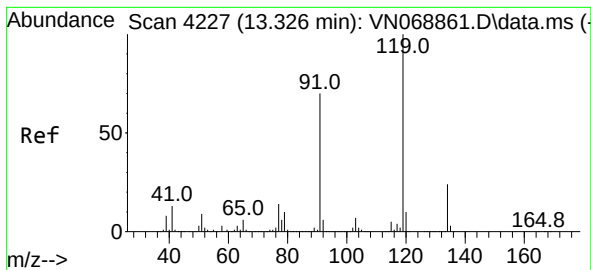
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 98.7  | 75.4  | 113.2 |
| 89      | 46.4  | 36.9  | 55.3  |



#82  
4-Chlorotoluene  
Concen: 53.789 ug/l  
RT: 13.106 min Scan# 4145  
Delta R.T. 0.000 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 32.4  | 16.3  | 48.8  |

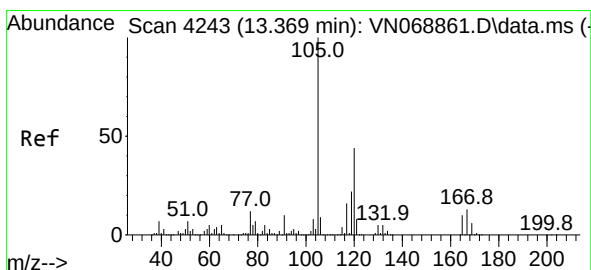
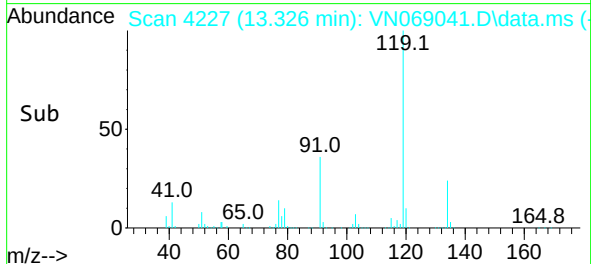
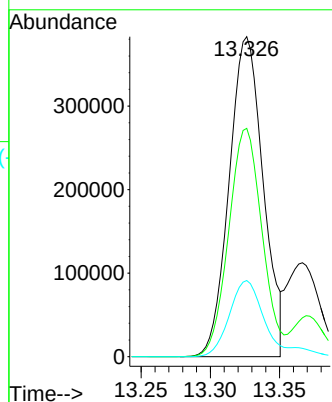
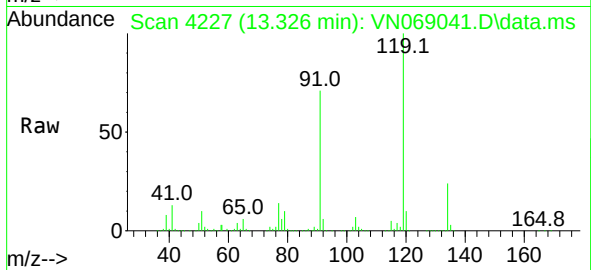




#83  
tert-Butylbenzene  
Concen: 52.616 ug/l  
RT: 13.326 min Scan# 4227  
Delta R.T. 0.000 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

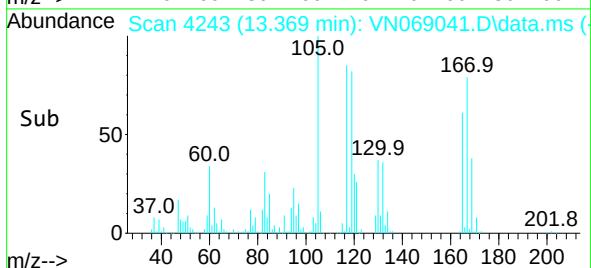
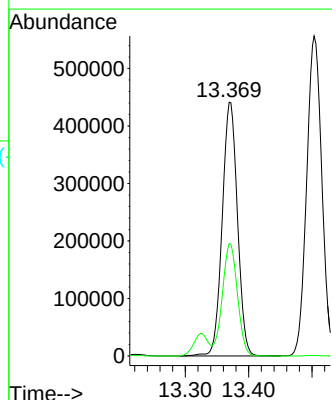
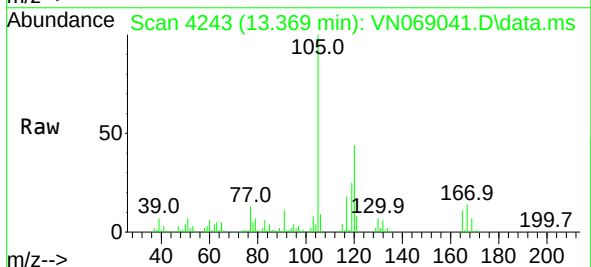
Instrument :  
MSVOA\_N  
ClientSampleId :

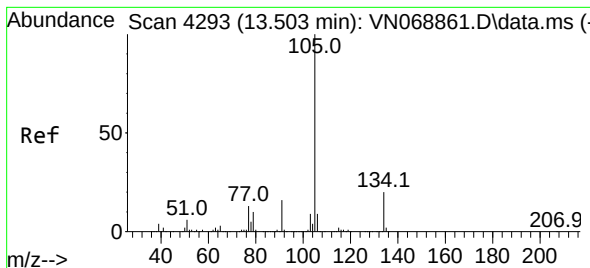
Tgt Ion:119 Resp: 654579  
Ion Ratio Lower Upper  
119 100  
91 70.1 34.6 103.9  
134 25.6 12.6 37.6



#84  
1,2,4-Trimethylbenzene  
Concen: 53.585 ug/l  
RT: 13.369 min Scan# 4243  
Delta R.T. 0.000 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

Tgt Ion:105 Resp: 737852  
Ion Ratio Lower Upper  
105 100  
120 43.9 21.9 65.5

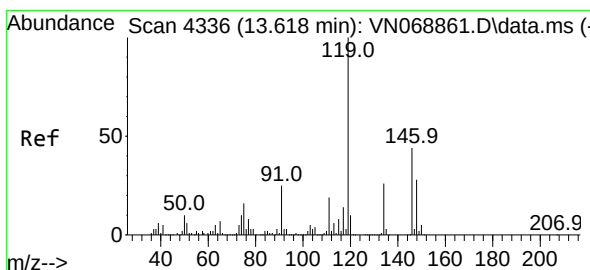
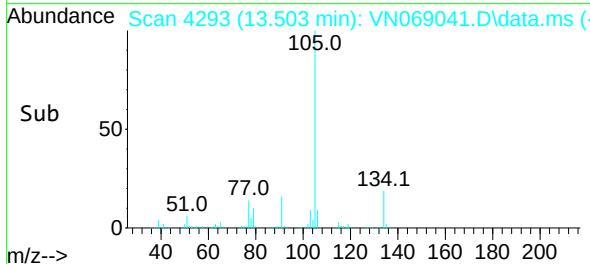
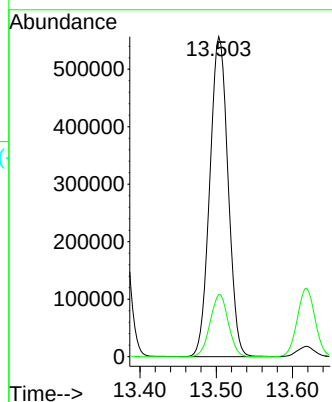
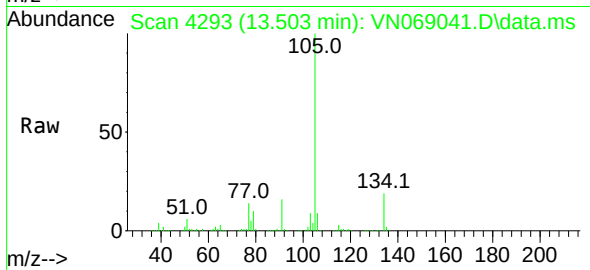




#85  
 sec-Butylbenzene  
 Concen: 53.579 ug/l  
 RT: 13.503 min Scan# 4293  
 Delta R.T. 0.000 min  
 Lab File: VN069041.D  
 Acq: 19 Oct 2021 22:00

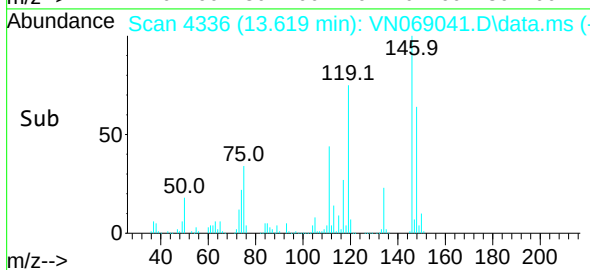
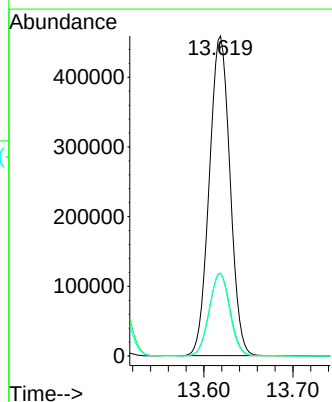
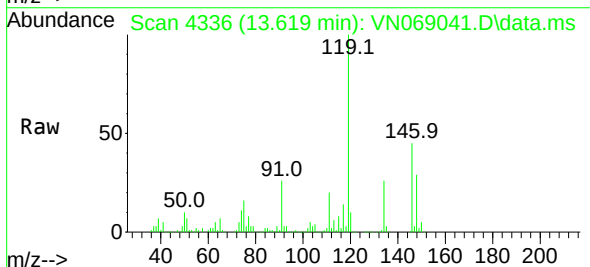
Instrument :  
 MSVOA\_N  
 ClientSampled :

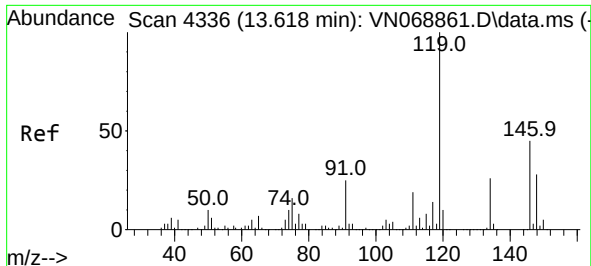
Tgt Ion:105 Resp: 923133  
 Ion Ratio Lower Upper  
 105 100  
 134 19.4 9.8 29.4



#86  
 p-Isopropyltoluene  
 Concen: 53.578 ug/l  
 RT: 13.619 min Scan# 4336  
 Delta R.T. 0.000 min  
 Lab File: VN069041.D  
 Acq: 19 Oct 2021 22:00

Tgt Ion:119 Resp: 740434  
 Ion Ratio Lower Upper  
 119 100  
 134 26.1 12.9 38.6  
 91 25.5 12.8 38.4

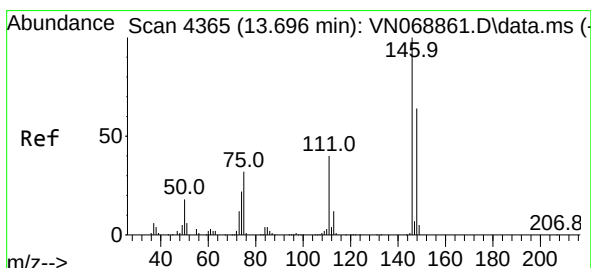
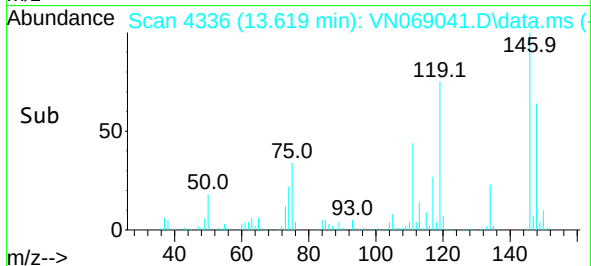
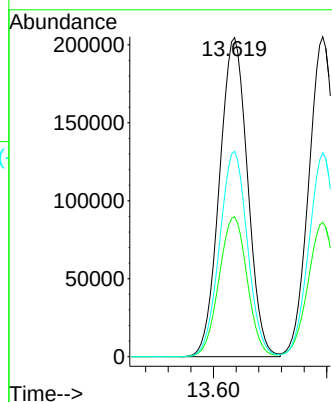
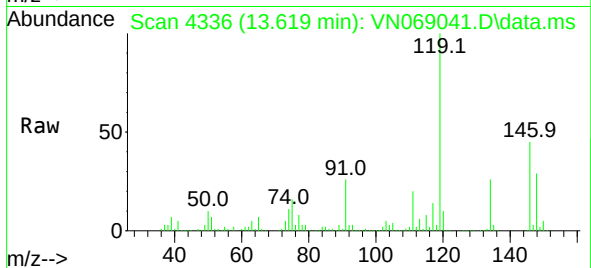




#87  
1,3-Dichlorobenzene  
Concen: 53.736 ug/l  
RT: 13.619 min Scan# 4336  
Delta R.T. 0.000 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

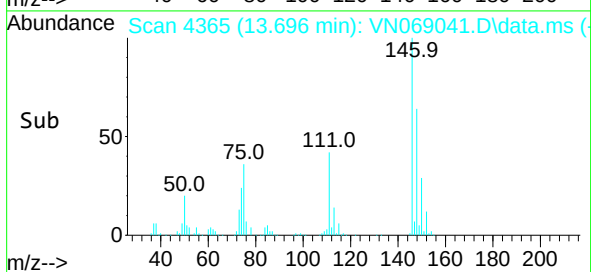
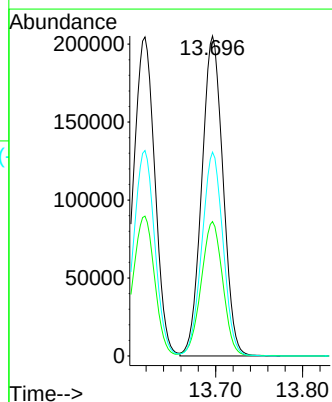
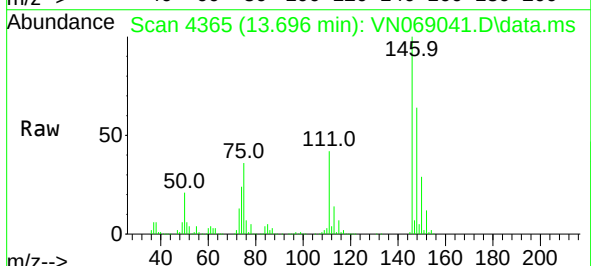
Instrument :  
MSVOA\_N  
ClientSampled :

Tgt Ion:146 Resp: 352657  
Ion Ratio Lower Upper  
146 100  
111 43.9 21.4 64.2  
148 64.0 32.0 96.2

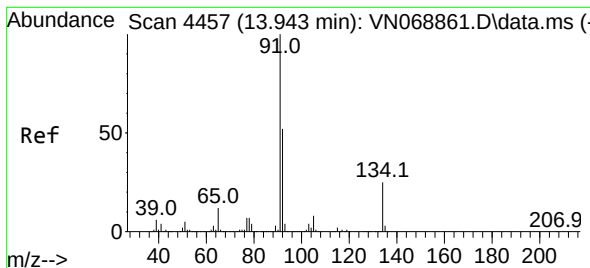


#88  
1,4-Dichlorobenzene  
Concen: 53.461 ug/l  
RT: 13.696 min Scan# 4365  
Delta R.T. 0.000 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

Tgt Ion:146 Resp: 348218  
Ion Ratio Lower Upper  
146 100  
111 42.5 20.6 61.8  
148 63.6 32.1 96.5



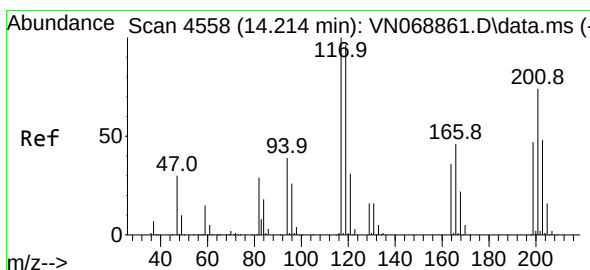
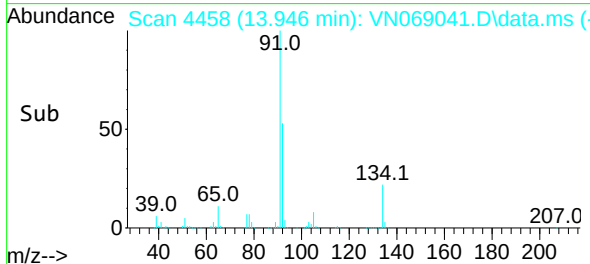
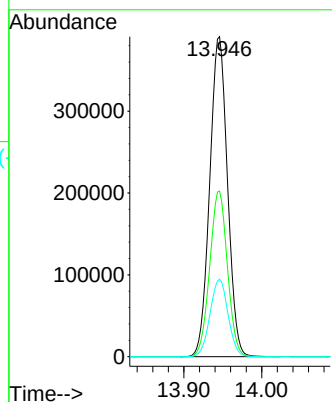
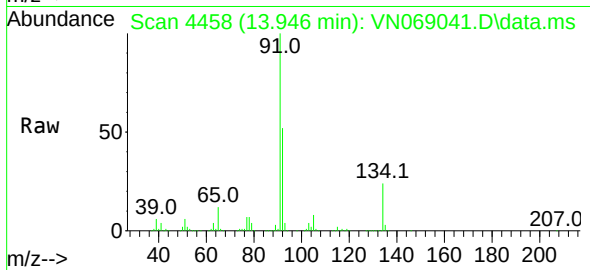




#89  
n-Butylbenzene  
Concen: 53.801 ug/l  
RT: 13.946 min Scan# 4458  
Delta R.T. 0.003 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

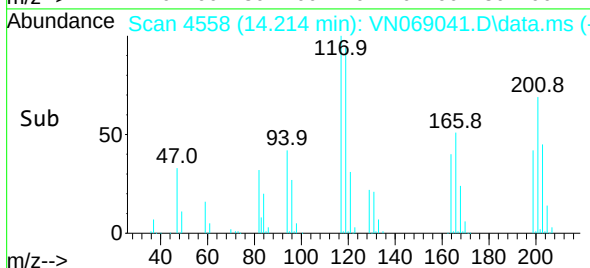
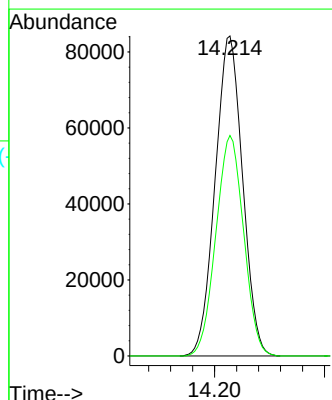
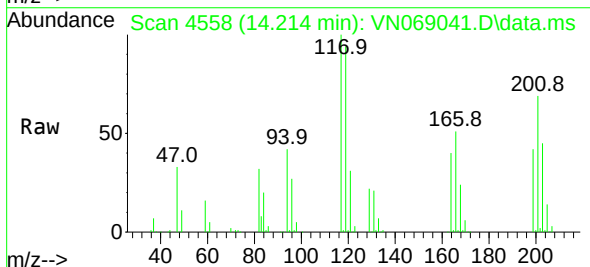
Instrument :  
MSVOA\_N  
ClientSampleId :

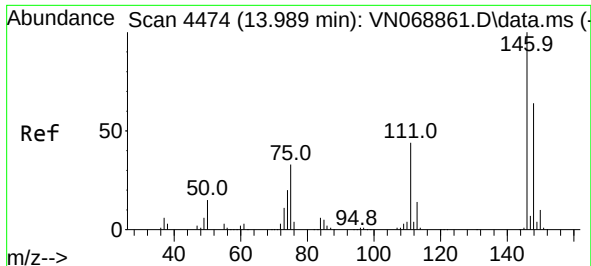
Tgt Ion: 91 Resp: 618976  
Ion Ratio Lower Upper  
91 100  
92 51.6 26.0 78.0  
134 24.6 12.5 37.5



#90  
Hexachloroethane  
Concen: 50.296 ug/l  
RT: 14.214 min Scan# 4558  
Delta R.T. 0.000 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

Tgt Ion: 117 Resp: 146009  
Ion Ratio Lower Upper  
117 100  
201 69.6 37.1 111.5

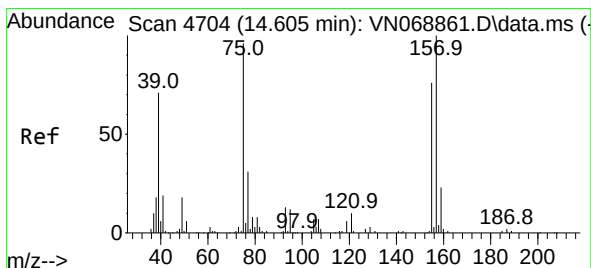
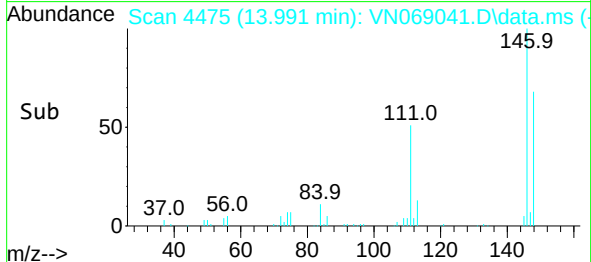
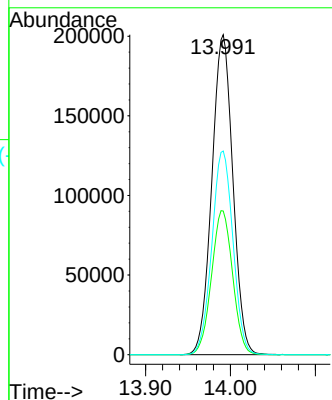
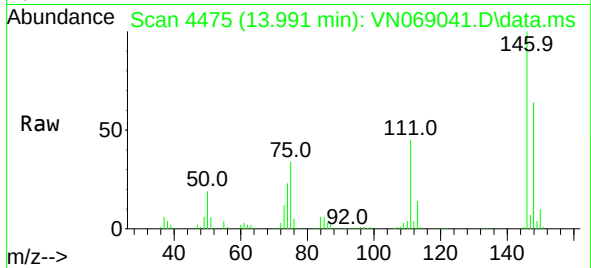




#91  
1,2-Dichlorobenzene  
Concen: 54.165 ug/l  
RT: 13.991 min Scan# 4475  
Delta R.T. 0.003 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

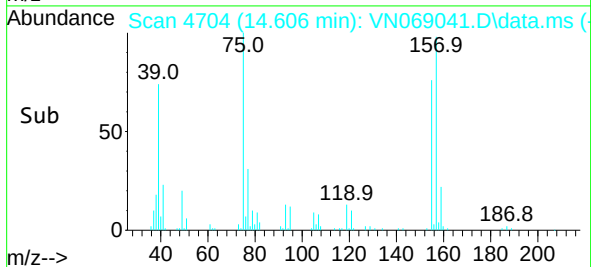
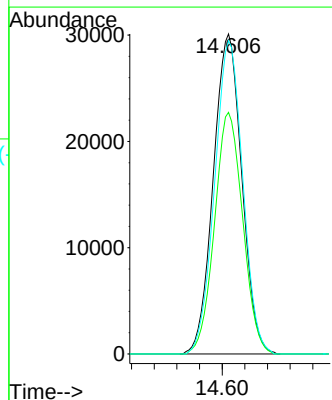
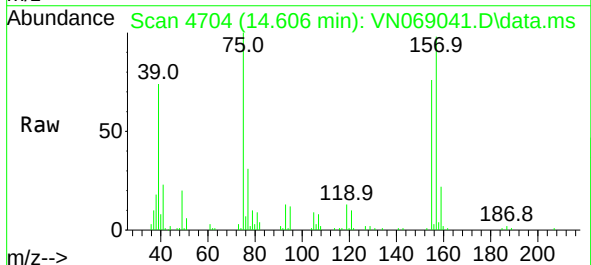
Instrument :  
MSVOA\_N  
ClientSampled :

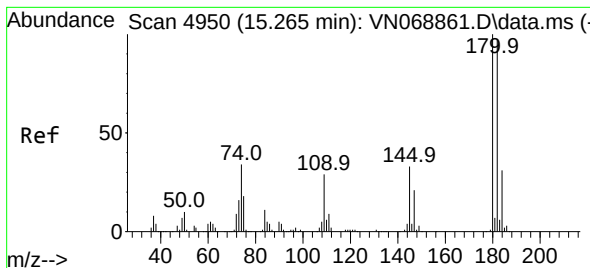
Tgt Ion:146 Resp: 345305  
Ion Ratio Lower Upper  
146 100  
111 45.2 22.0 66.0  
148 64.1 32.1 96.5



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 54.904 ug/l  
RT: 14.606 min Scan# 4704  
Delta R.T. 0.000 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

Tgt Ion: 75 Resp: 52489  
Ion Ratio Lower Upper  
75 100  
155 74.7 38.8 116.4  
157 96.7 50.2 150.6

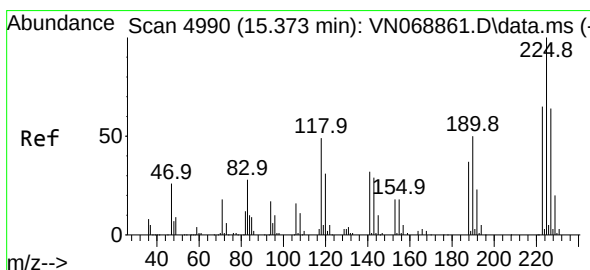
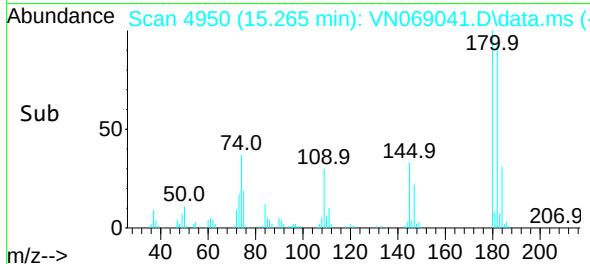
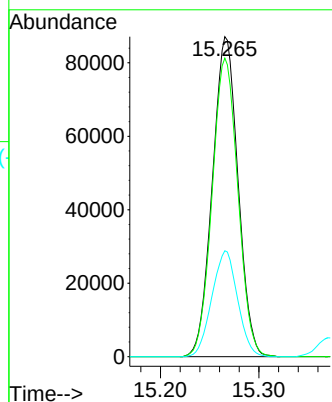
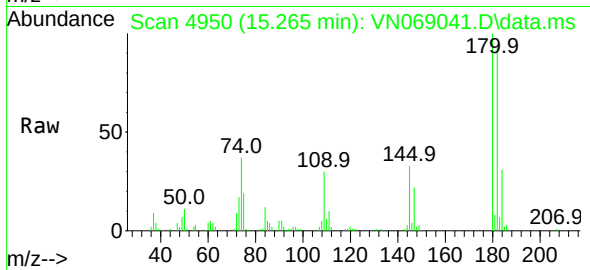




#93  
1,2,4-Trichlorobenzene  
Concen: 45.663 ug/l  
RT: 15.265 min Scan# 4950  
Delta R.T. 0.000 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

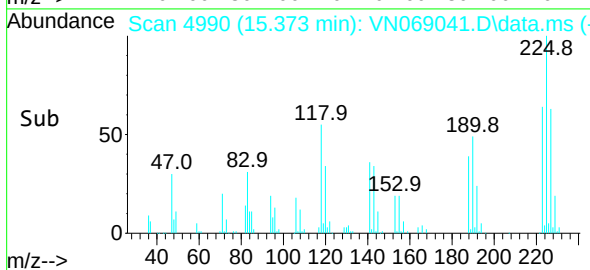
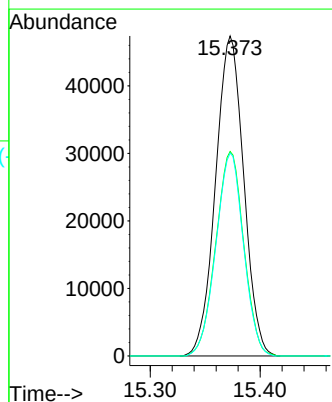
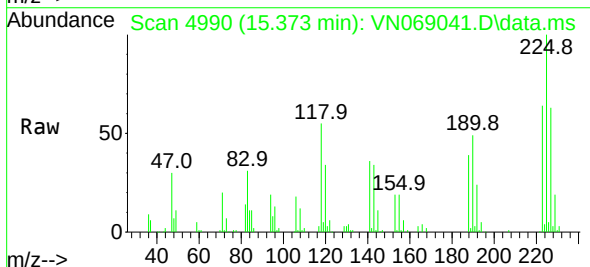
Instrument :  
MSVOA\_N  
ClientSampled :

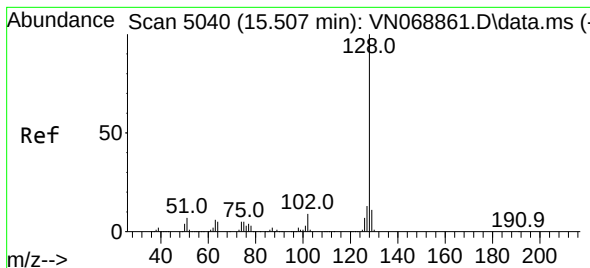
Tgt Ion:180 Resp: 157265  
Ion Ratio Lower Upper  
180 100  
182 93.9 47.9 143.7  
145 33.2 16.4 49.2



#94  
Hexachlorobutadiene  
Concen: 46.481 ug/l  
RT: 15.373 min Scan# 4990  
Delta R.T. 0.000 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

Tgt Ion:225 Resp: 84375  
Ion Ratio Lower Upper  
225 100  
223 63.5 31.5 94.5  
227 62.2 31.6 94.7

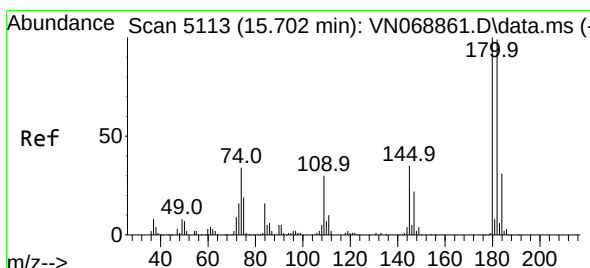
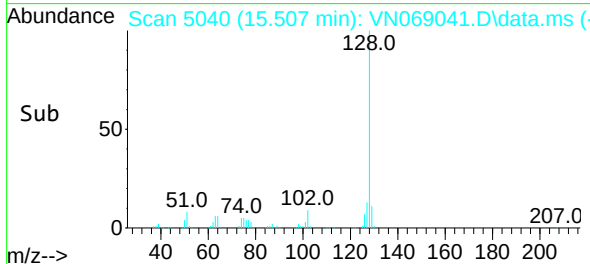
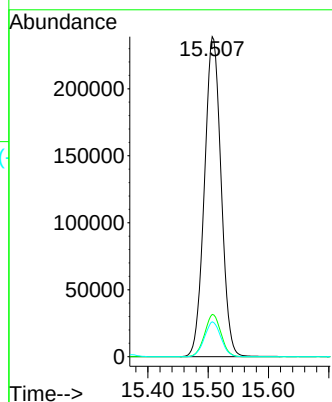
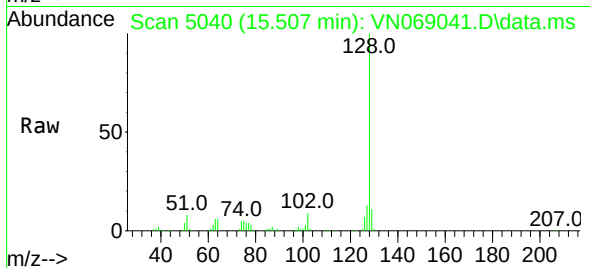




#95  
Naphthalene  
Concen: 48.061 ug/l  
RT: 15.507 min Scan# 5040  
Delta R.T. -0.000 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:128 Resp: 458240  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.5 15.7  
129 10.8 8.9 13.3



#96  
1,2,3-Trichlorobenzene  
Concen: 47.648 ug/l  
RT: 15.703 min Scan# 5113  
Delta R.T. 0.001 min  
Lab File: VN069041.D  
Acq: 19 Oct 2021 22:00

Tgt Ion:180 Resp: 156553  
Ion Ratio Lower Upper  
180 100  
182 94.1 48.1 144.3  
145 34.3 17.4 52.2

