

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN121222\  
 Data File : VN075729.D  
 Acq On : 12 Dec 2022 21:40  
 Operator : JC\MD  
 Sample : N5978-08MSD  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TOLL-MW-07MSD

Quant Time: Dec 13 01:35:52 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N120922W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Dec 12 07:54:35 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|------------------------------|--------|-------|----------|----------|------------|----------|
| -----                        |        |       |          |          |            |          |
| Internal Standards           |        |       |          |          |            |          |
| 1) Pentafluorobenzene        | 8.230  | 168   | 211182   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.106  | 114   | 342451   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5         | 11.865 | 117   | 316344   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.794 | 152   | 162265   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4    | 8.583  | 65    | 113780   | 50.779   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | = 101.560% |          |
| 35) Dibromofluoromethane     | 8.171  | 113   | 106125   | 50.793   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | = 101.580% |          |
| 50) Toluene-d8               | 10.571 | 98    | 401477   | 51.167   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | = 102.340% |          |
| 62) 4-Bromofluorobenzene     | 12.853 | 95    | 140546   | 52.389   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | = 104.780% |          |
| Target Compounds             |        |       |          |          |            | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.142  | 85    | 77610    | 49.967   | ug/l       | 99       |
| 3) Chloromethane             | 2.377  | 50    | 87915    | 47.507   | ug/l       | 100      |
| 4) Vinyl Chloride            | 2.524  | 62    | 112442   | 49.465   | ug/l       | 100      |
| 5) Bromomethane              | 2.948  | 94    | 91676    | 47.353   | ug/l       | 96       |
| 6) Chloroethane              | 3.124  | 64    | 82892    | 48.874   | ug/l       | 100      |
| 7) Trichlorofluoromethane    | 3.506  | 101   | 168428   | 51.068   | ug/l       | 98       |
| 8) Diethyl Ether             | 3.977  | 74    | 61385    | 50.911   | ug/l       | 98       |
| 9) 1,1,2-Trichlorotrifluo... | 4.389  | 101   | 95587    | 49.385   | ug/l       | 99       |
| 10) Methyl Iodide            | 4.606  | 142   | 158508   | 50.114   | ug/l       | 100      |
| 11) Tert butyl alcohol       | 5.536  | 59    | 71035    | 214.293  | ug/l       | 99       |
| 12) 1,1-Dichloroethene       | 4.359  | 96    | 93340    | 51.593   | ug/l       | 95       |
| 13) Acrolein                 | 4.195  | 56    | 116328   | 304.703  | ug/l       | 100      |
| 14) Allyl chloride           | 5.036  | 41    | 108326   | 48.082   | ug/l       | 99       |
| 15) Acrylonitrile            | 5.730  | 53    | 213019   | 248.787  | ug/l       | 99       |
| 16) Acetone                  | 4.436  | 43    | 158839   | 209.323  | ug/l       | 97       |
| 17) Carbon Disulfide         | 4.724  | 76    | 240092   | 50.154   | ug/l       | 100      |
| 18) Methyl Acetate           | 5.042  | 43    | 105516   | 43.274   | ug/l       | 99       |
| 19) Methyl tert-butyl Ether  | 5.806  | 73    | 348836   | 57.320   | ug/l       | 98       |
| 20) Methylene Chloride       | 5.295  | 84    | 108106   | 47.789   | ug/l       | 96       |
| 21) trans-1,2-Dichloroethene | 5.800  | 96    | 101983   | 50.443   | ug/l       | 94       |
| 22) Diisopropyl ether        | 6.683  | 45    | 282059   | 55.024   | ug/l       | 99       |
| 23) Vinyl Acetate            | 6.612  | 43    | 894354   | 228.806  | ug/l       | 100      |
| 24) 1,1-Dichloroethane       | 6.583  | 63    | 174971   | 51.855   | ug/l       | 99       |
| 25) 2-Butanone               | 7.494  | 43    | 263572   | 237.604  | ug/l       | 100      |
| 26) 2,2-Dichloropropane      | 7.500  | 77    | 138413   | 48.097   | ug/l       | 100      |
| 27) cis-1,2-Dichloroethene   | 7.494  | 96    | 128118   | 52.198   | ug/l       | 99       |
| 28) Bromochloromethane       | 7.818  | 49    | 69094    | 51.214   | ug/l       | 99       |
| 29) Tetrahydrofuran          | 7.847  | 42    | 171388   | 250.665  | ug/l       | 99       |
| 30) Chloroform               | 7.971  | 83    | 198156   | 53.019   | ug/l       | 99       |
| 31) Cyclohexane              | 8.265  | 56    | 159822   | 48.175   | ug/l       | 97       |
| 32) 1,1,1-Trichloroethane    | 8.177  | 97    | 184028   | 53.371   | ug/l       | 98       |
| 36) 1,1-Dichloropropene      | 8.377  | 75    | 144751   | 52.175   | ug/l       | 99       |
| 37) Ethyl Acetate            | 7.565  | 43    | 108223   | 48.586   | ug/l       | 98       |
| 38) Carbon Tetrachloride     | 8.371  | 117   | 163192   | 50.974   | ug/l       | 100      |
| 39) Methylcyclohexane        | 9.606  | 83    | 189843   | 53.964   | ug/l       | 98       |
| 40) Benzene                  | 8.612  | 78    | 439238   | 51.589   | ug/l       | 97       |

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 Sample : N5978-08MSD  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TOLL-MW-07MSD

Quant Time: Dec 13 01:35:52 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N120922W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Dec 12 07:54:35 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.788  | 41   | 59915    | 52.458  | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 8.677  | 62   | 144576   | 50.761  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.694  | 43   | 189857   | 51.055  | ug/l   | 100      |
| 44) Trichloroethene           | 9.359  | 130  | 119455   | 49.732  | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 9.624  | 63   | 104410   | 51.561  | ug/l   | 96       |
| 46) Dibromomethane            | 9.712  | 93   | 79833    | 52.511  | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.888  | 83   | 159028   | 53.350  | ug/l   | 96       |
| 48) Methyl methacrylate       | 9.682  | 41   | 90231    | 52.684  | ug/l   | 99       |
| 49) 1,4-Dioxane               | 9.700  | 88   | 38083    | 914.738 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 584928   | 255.094 | ug/l   | 100      |
| 52) Toluene                   | 10.635 | 92   | 298343   | 53.014  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.841 | 75   | 161811   | 54.963  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.318 | 75   | 173759   | 53.050  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 115696   | 52.287  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.877 | 69   | 162155   | 54.084  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 184970   | 51.719  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.200 | 63   | 214      | 0.242   | ug/l # | 41       |
| 59) 2-Hexanone                | 11.200 | 43   | 424530   | 254.835 | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.359 | 129  | 132054   | 54.235  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 118295   | 51.028  | ug/l   | 99       |
| 64) Tetrachloroethene         | 11.106 | 164  | 104426   | 45.319  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.894 | 112  | 322667   | 49.574  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 121594   | 51.347  | ug/l   | 100      |
| 67) Ethyl Benzene             | 11.965 | 91   | 579441   | 52.624  | ug/l   | 99       |
| 68) m/p-Xylenes               | 12.076 | 106  | 464341   | 104.367 | ug/l   | 100      |
| 69) o-Xylene                  | 12.400 | 106  | 229927   | 53.256  | ug/l   | 98       |
| 70) Styrene                   | 12.412 | 104  | 378468   | 54.657  | ug/l   | 99       |
| 71) Bromoform                 | 12.582 | 173  | 95437    | 53.168  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.700 | 105  | 604629   | 51.895  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.494 | 43   | 178103   | 52.612  | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 166815   | 47.663  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 197402   | 60.577  | ug/l   | 77       |
| 77) Bromobenzene              | 12.982 | 156  | 144393   | 49.281  | ug/l   | 99       |
| 78) n-propylbenzene           | 13.041 | 91   | 691218   | 53.465  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 403409   | 50.542  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 518854   | 53.266  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 44219    | 44.522  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 13.129 | 91   | 403409   | 50.542  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 460924   | 52.180  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 523390   | 53.461  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.618 | 105  | 654002   | 53.855  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 556706   | 54.789  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 276395   | 50.442  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 276764   | 49.657  | ug/l   | 100      |
| 89) n-Butylbenzene            | 14.059 | 91   | 462673   | 56.812  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.335 | 117  | 94445    | 54.265  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 271070   | 49.715  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 28382    | 49.351  | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 138791   | 53.019  | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 15.506 | 225  | 73353    | 49.388  | ug/l   | 98       |
| 95) Naphthalene               | 15.641 | 128  | 405100   | 52.359  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.847 | 180  | 133653   | 51.960  | ug/l   | 99       |

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Sample : N5978-08MSD  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
TOLL-MW-07MSD

Quant Time: Dec 13 01:35:52 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N120922W.M  
Quant Title : SW846 8260  
QLast Update : Mon Dec 12 07:54:35 2022  
Response via : Initial Calibration

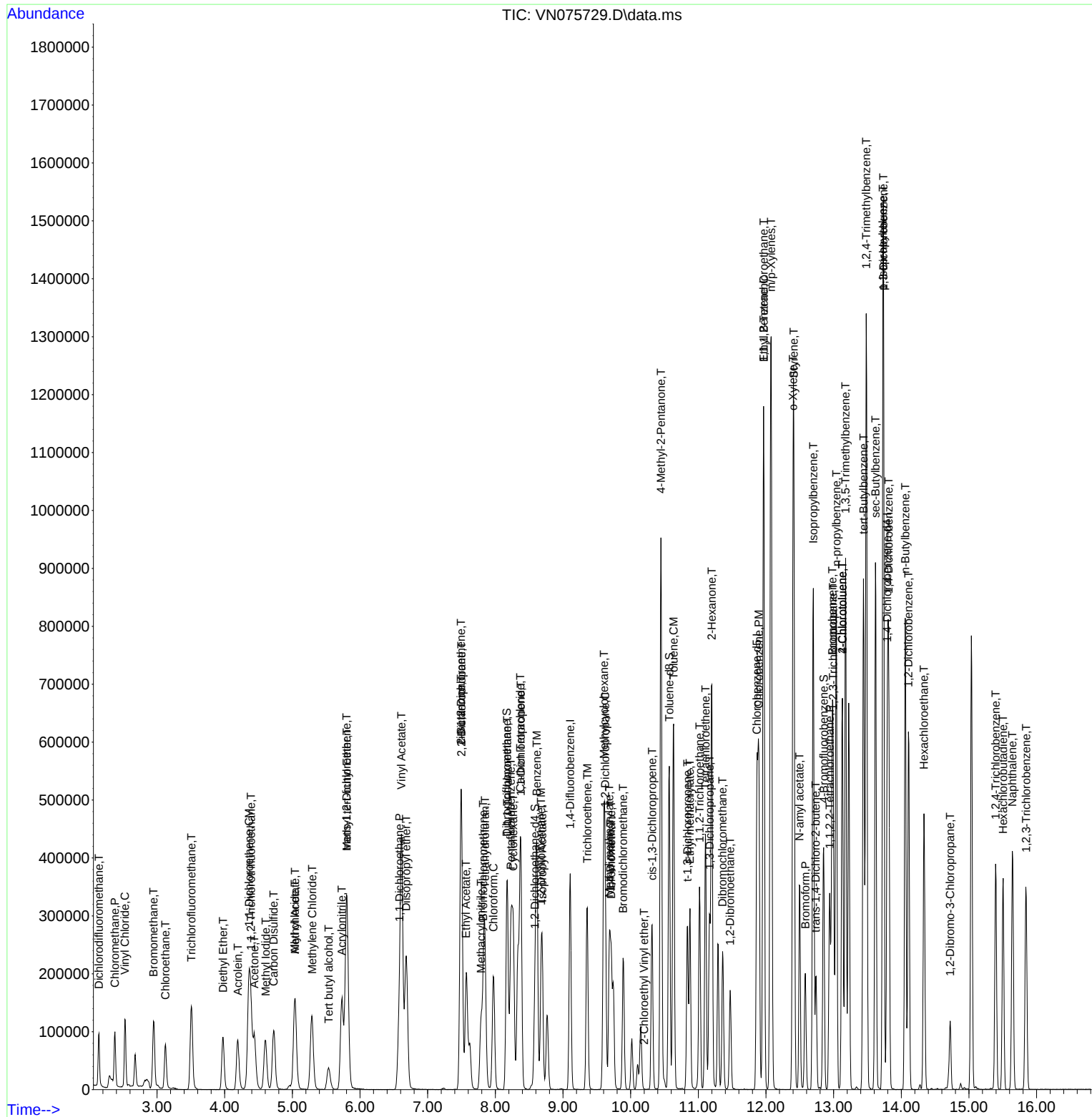
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

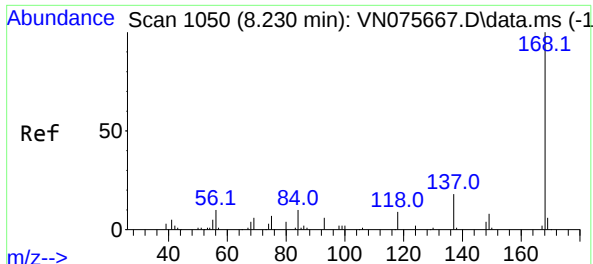
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 Sample : N5978-08MSD  
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 QLast Update : Mon Dec 12 07:54:35 2022  
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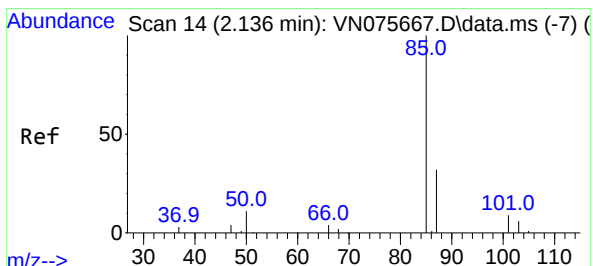
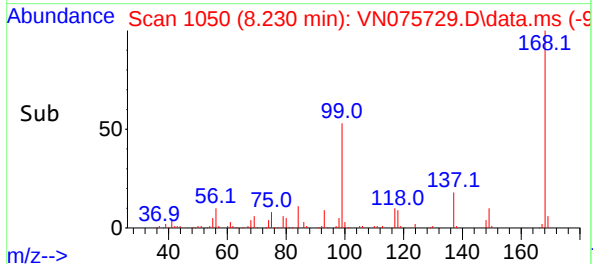
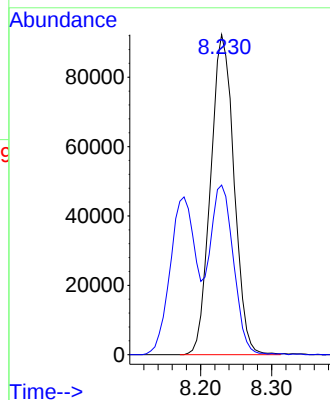
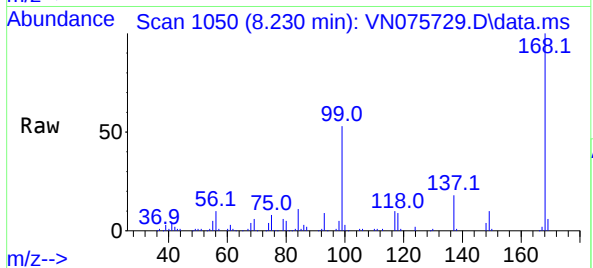




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 10  
Delta R.T. -0.000 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

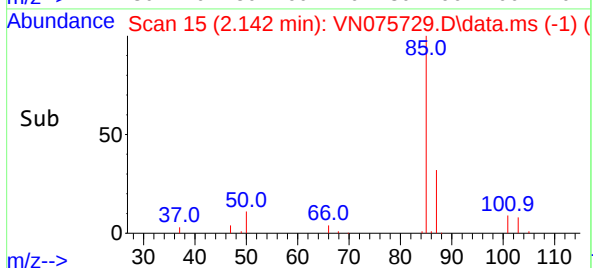
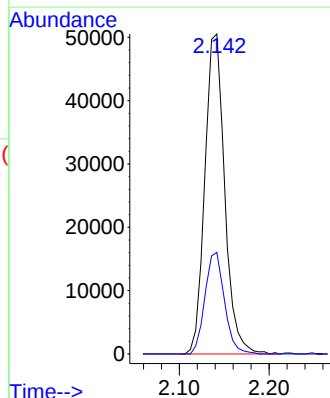
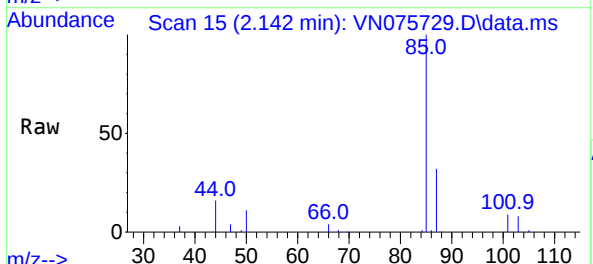
Instrument :  
MSVOA\_N  
ClientSampleId :  
TOLL-MW-07MSD

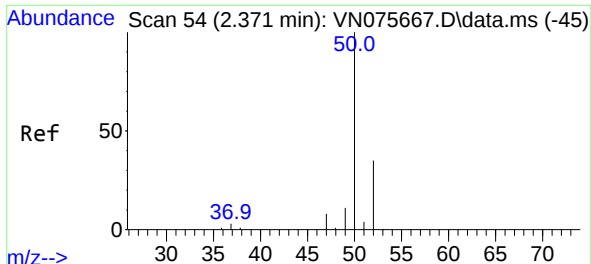
Tgt Ion:168 Resp: 211182  
Ion Ratio Lower Upper  
168 100  
99 52.7 41.2 61.8



#2  
Dichlorodifluoromethane  
Concen: 49.967 ug/l  
RT: 2.142 min Scan# 15  
Delta R.T. 0.006 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

Tgt Ion: 85 Resp: 77610  
Ion Ratio Lower Upper  
85 100  
87 31.8 16.1 48.2

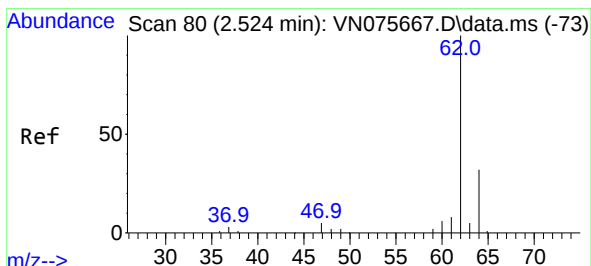
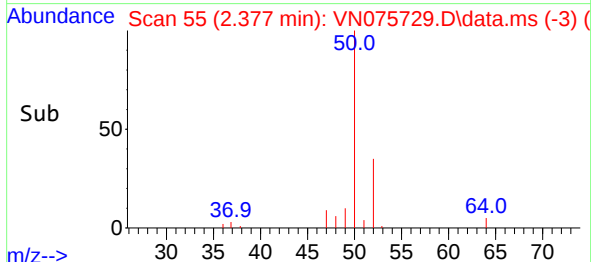
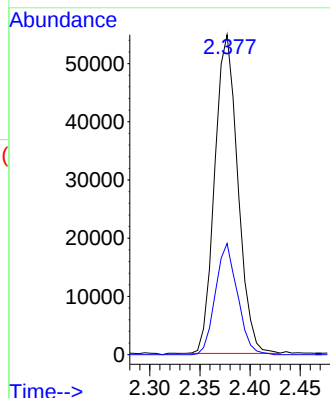
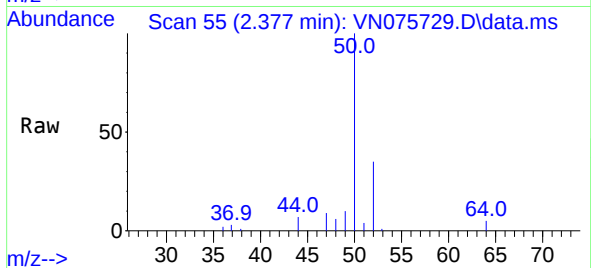




#3  
Chloromethane  
Concen: 47.507 ug/l  
RT: 2.377 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

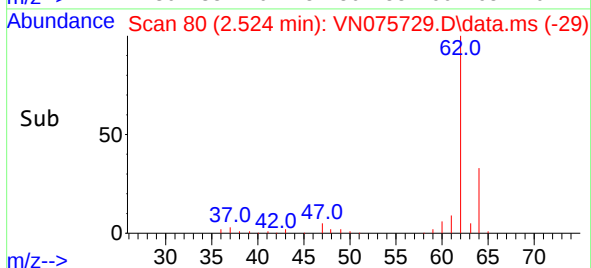
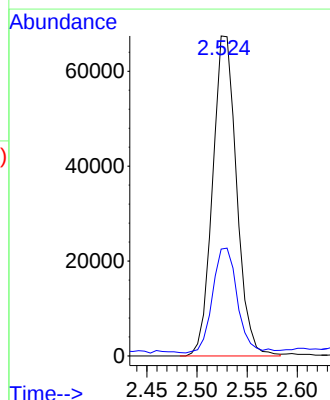
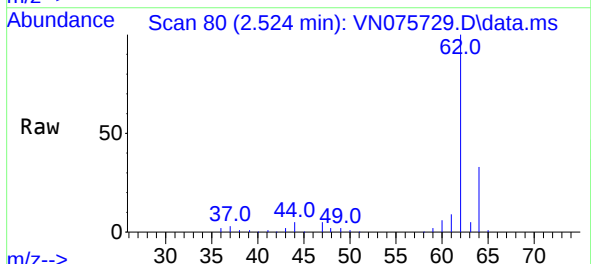
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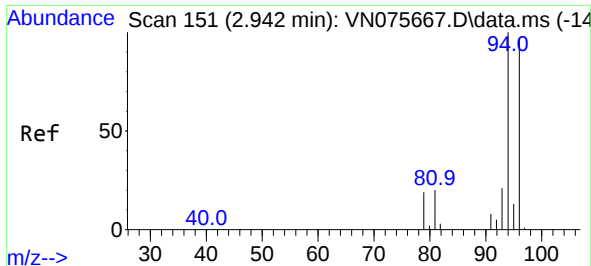
Tgt Ion: 50 Resp: 87915  
Ion Ratio Lower Upper  
50 100  
52 34.9 27.9 41.9



#4  
Vinyl Chloride  
Concen: 49.465 ug/l  
RT: 2.524 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

Tgt Ion: 62 Resp: 112442  
Ion Ratio Lower Upper  
62 100  
64 32.3 25.9 38.9

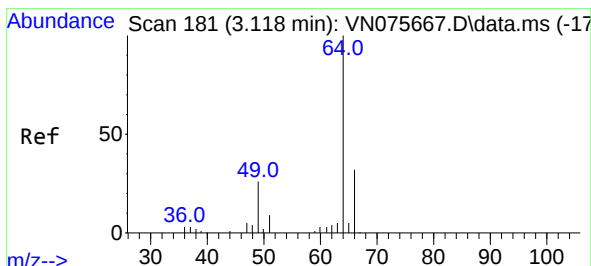
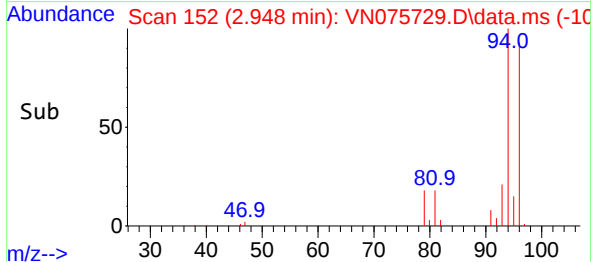
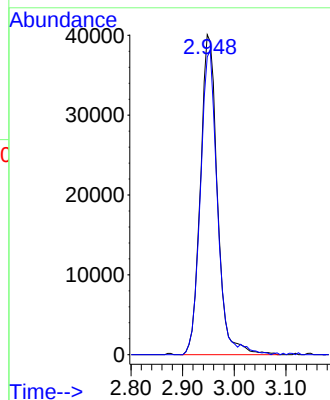
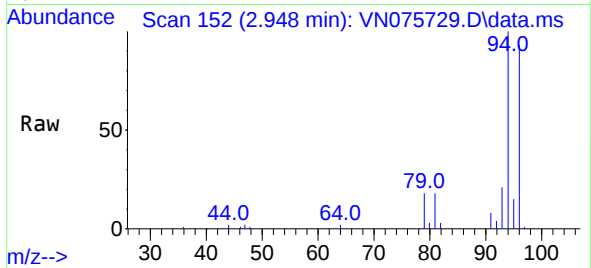




#5  
Bromomethane  
Concen: 47.353 ug/l  
RT: 2.948 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

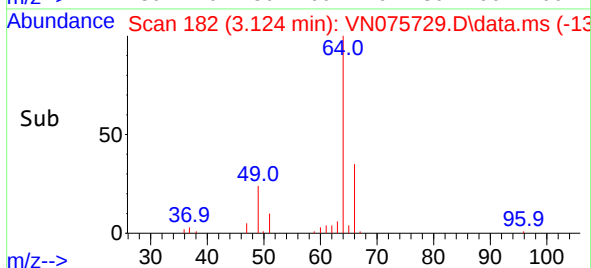
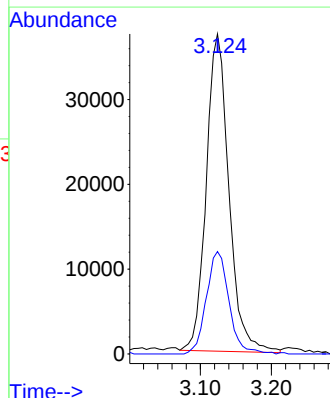
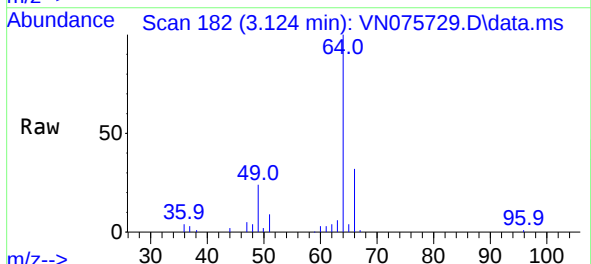
Instrument :  
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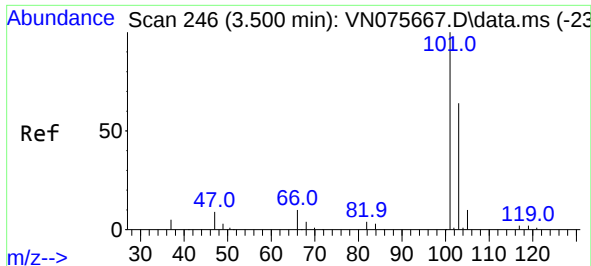
Tgt Ion: 94 Resp: 91676  
Ion Ratio Lower Upper  
94 100  
96 93.1 77.6 116.4



#6  
Chloroethane  
Concen: 48.874 ug/l  
RT: 3.124 min Scan# 182  
Delta R.T. 0.006 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

Tgt Ion: 64 Resp: 82892  
Ion Ratio Lower Upper  
64 100  
66 32.4 25.7 38.5

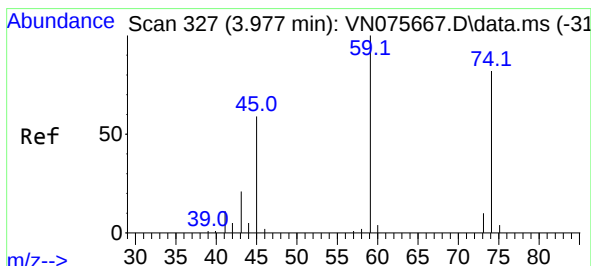
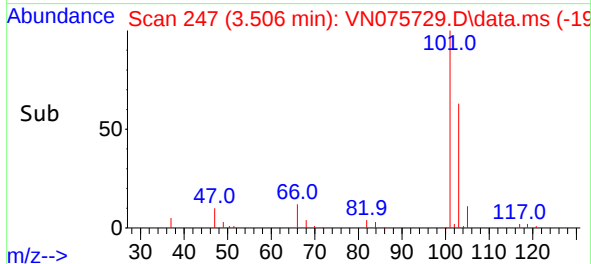
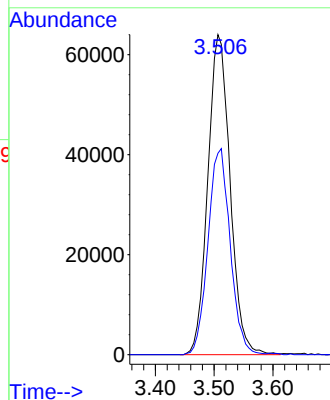
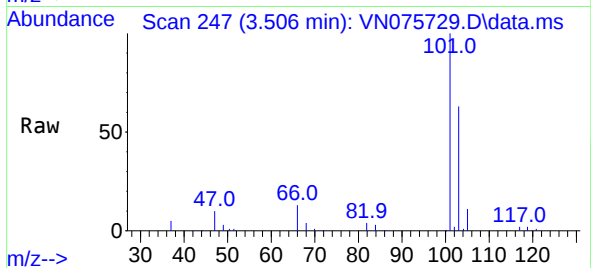




#7  
Trichlorofluoromethane  
Concen: 51.068 ug/l  
RT: 3.506 min Scan# 246  
Delta R.T. 0.006 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

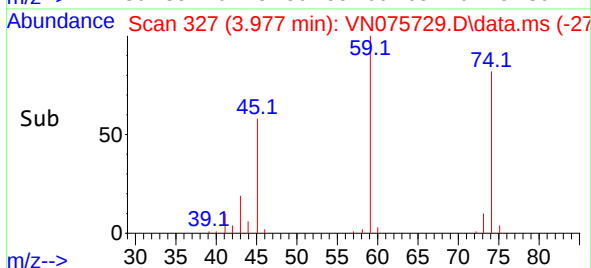
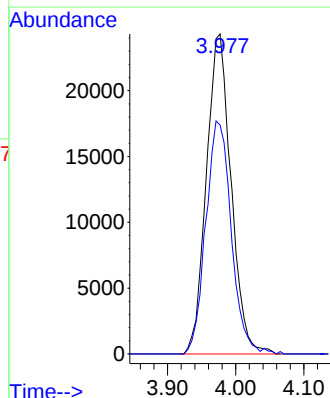
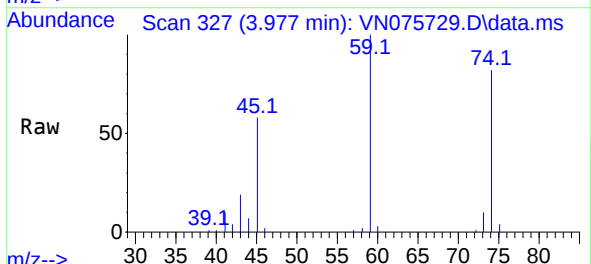
Instrument :  
MSVOA\_N  
ClientSampleId :  
TOLL-MW-07MSD

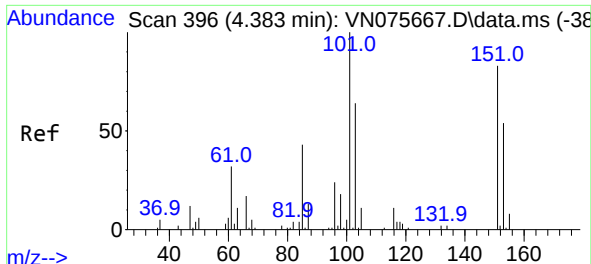
Tgt Ion:101 Resp: 168428  
Ion Ratio Lower Upper  
101 100  
103 63.0 51.4 77.2



#8  
Diethyl Ether  
Concen: 50.911 ug/l  
RT: 3.977 min Scan# 327  
Delta R.T. 0.000 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

Tgt Ion: 74 Resp: 61385  
Ion Ratio Lower Upper  
74 100  
45 75.1 36.8 110.4

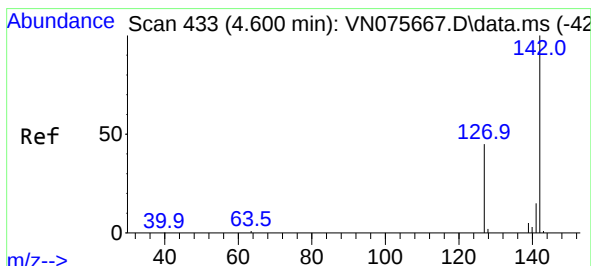
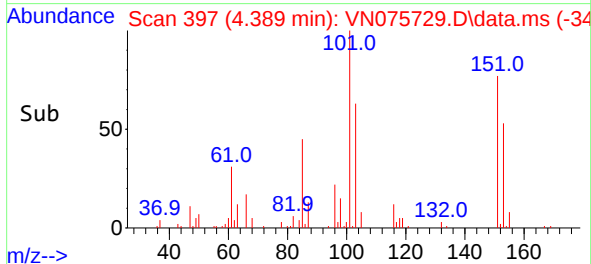
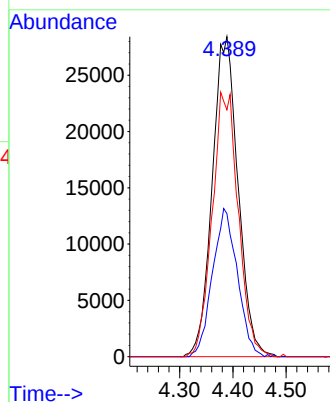
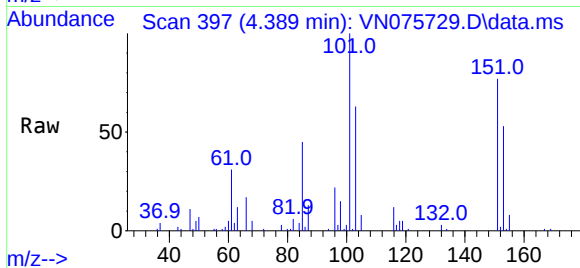




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 49.385 ug/l  
RT: 4.389 min Scan# 396  
Delta R.T. 0.006 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

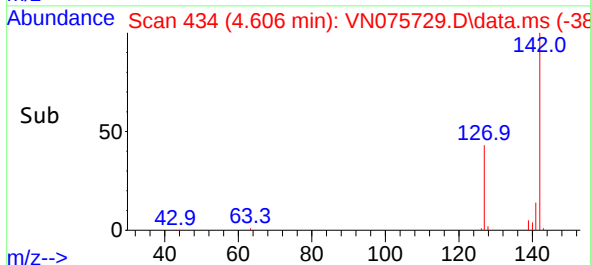
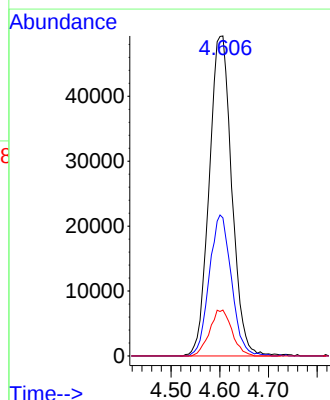
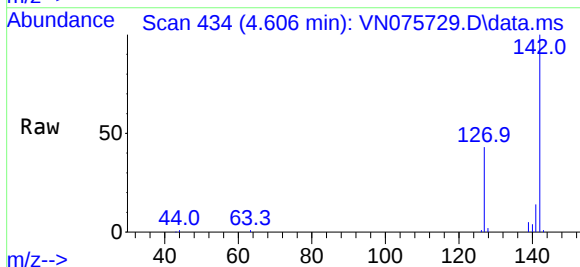
Instrument :  
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ClientSampleId :  
TOLL-MW-07MSD

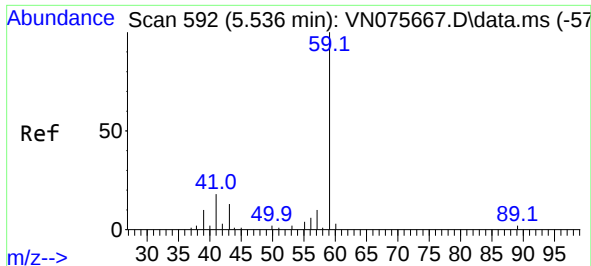
Tgt Ion:101 Resp: 95587  
Ion Ratio Lower Upper  
101 100  
85 44.5 35.3 52.9  
151 83.4 65.6 98.4



#10  
Methyl Iodide  
Concen: 50.114 ug/l  
RT: 4.606 min Scan# 434  
Delta R.T. 0.006 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

Tgt Ion:142 Resp: 158508  
Ion Ratio Lower Upper  
142 100  
127 43.3 35.0 52.4  
141 14.2 11.4 17.2

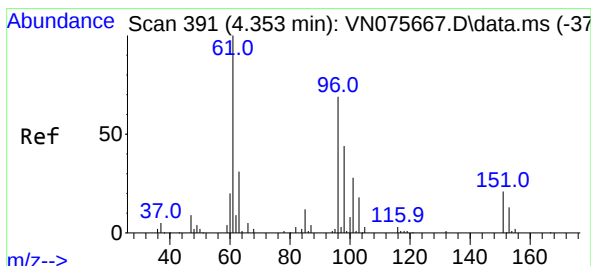
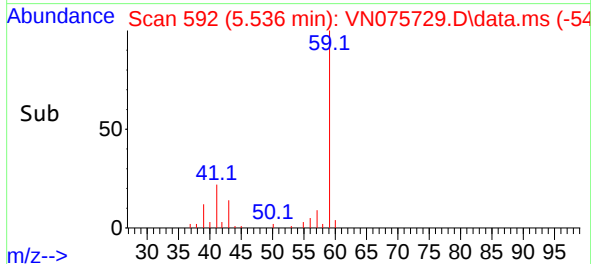
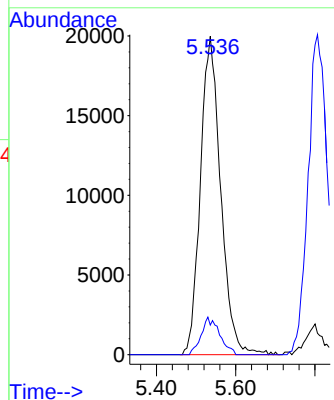
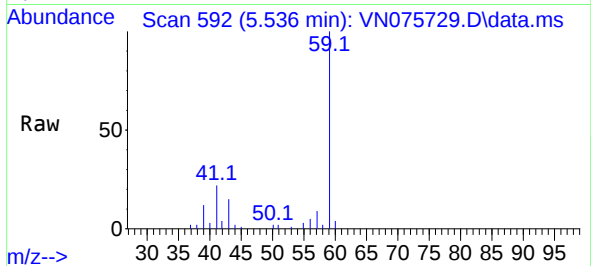




#11  
Tert butyl alcohol  
Concen: 214.293 ug/l  
RT: 5.536 min Scan# 591  
Delta R.T. 0.000 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

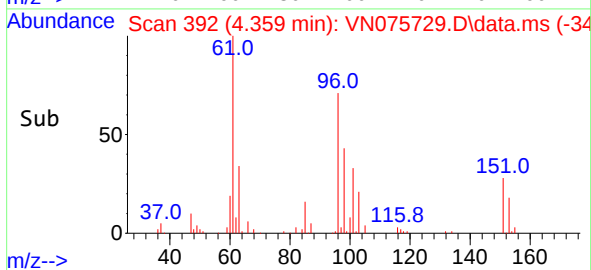
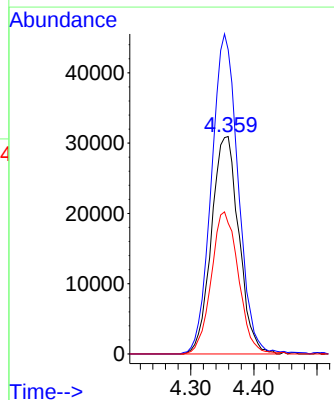
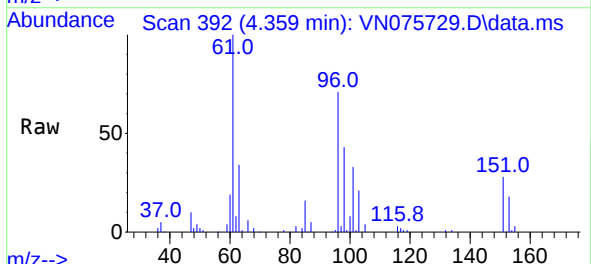
Instrument :  
MSVOA\_N  
ClientSampleId :  
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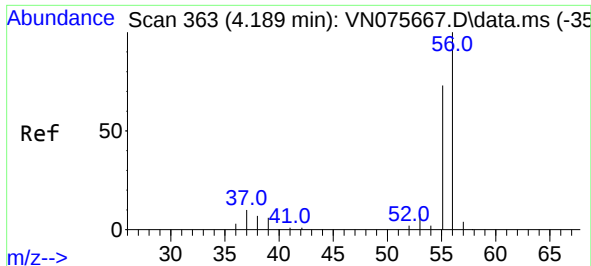
Tgt Ion: 59 Resp: 71035  
Ion Ratio Lower Upper  
59 100  
57 10.6 8.2 12.4



#12  
1,1-Dichloroethene  
Concen: 51.593 ug/l  
RT: 4.359 min Scan# 392  
Delta R.T. 0.006 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

Tgt Ion: 96 Resp: 93340  
Ion Ratio Lower Upper  
96 100  
61 139.9 116.8 175.2  
98 60.1 51.6 77.4

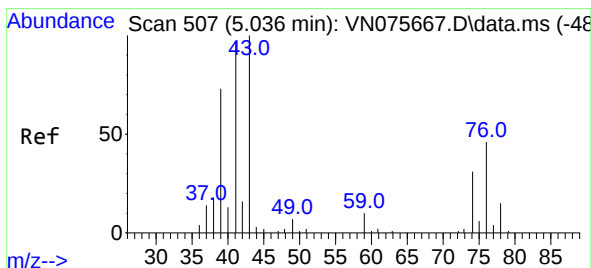
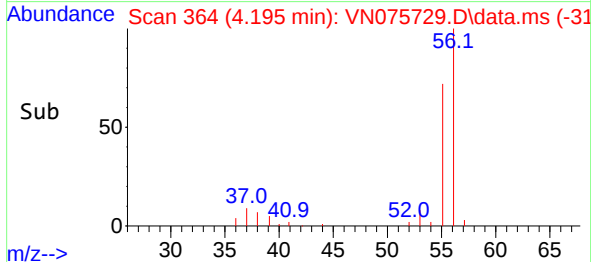
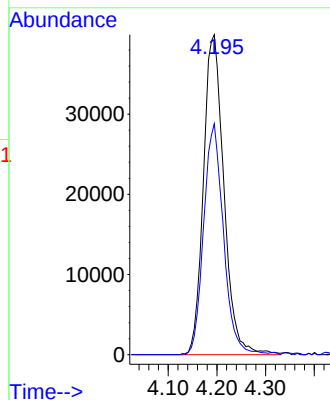
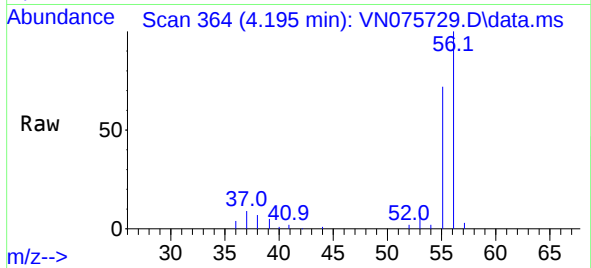




#13  
Acrolein  
Concen: 304.703 ug/l  
RT: 4.195 min Scan# 364  
Delta R.T. 0.006 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

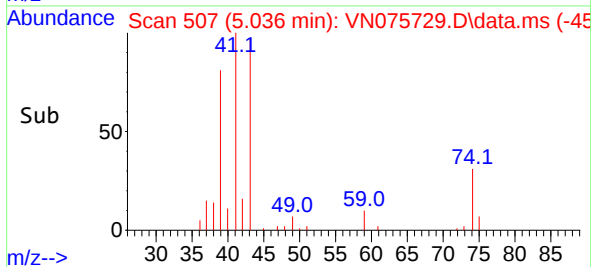
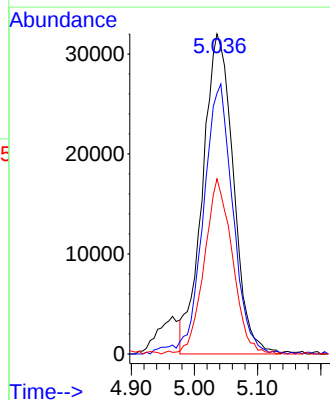
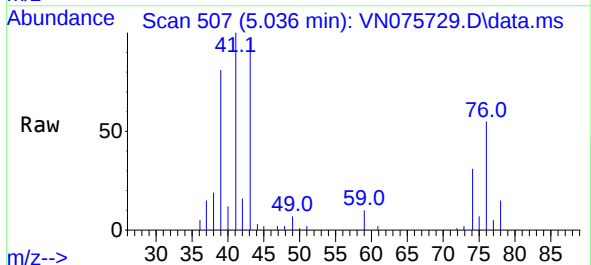
Instrument :  
MSVOA\_N  
ClientSampleId :  
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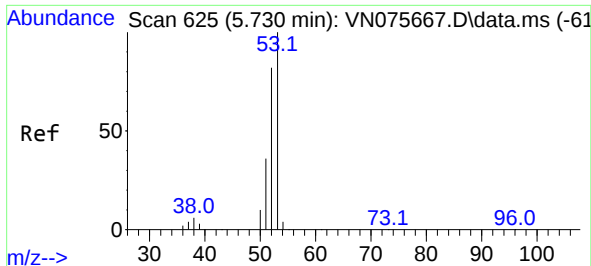
Tgt Ion: 56 Resp: 116328  
Ion Ratio Lower Upper  
56 100  
55 69.8 55.7 83.5



#14  
Allyl chloride  
Concen: 48.082 ug/l  
RT: 5.036 min Scan# 507  
Delta R.T. 0.000 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

Tgt Ion: 41 Resp: 108326  
Ion Ratio Lower Upper  
41 100  
39 81.5 64.6 96.8  
76 49.9 40.9 61.3

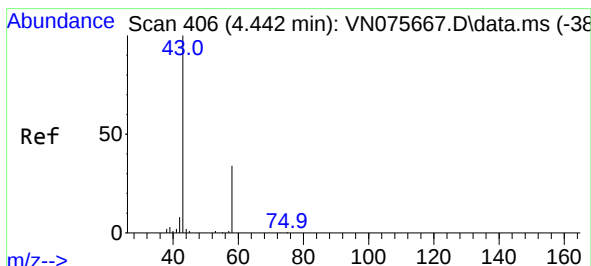
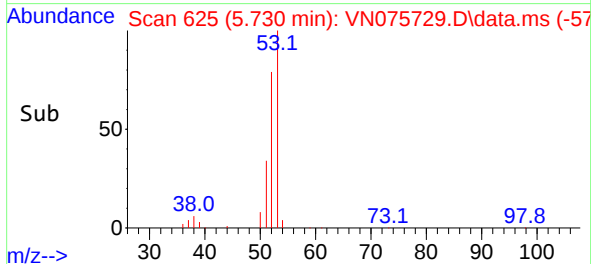
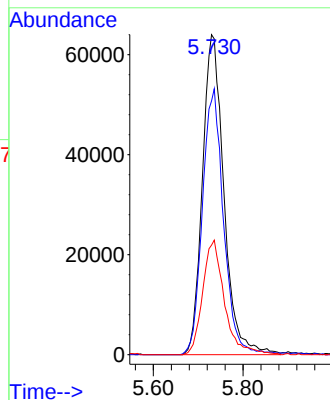
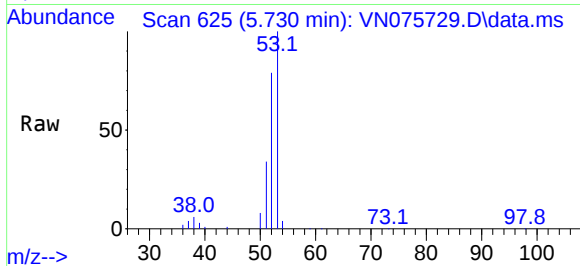




#15  
Acrylonitrile  
Concen: 248.787 ug/l  
RT: 5.730 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

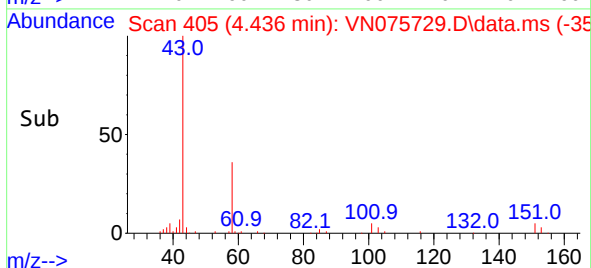
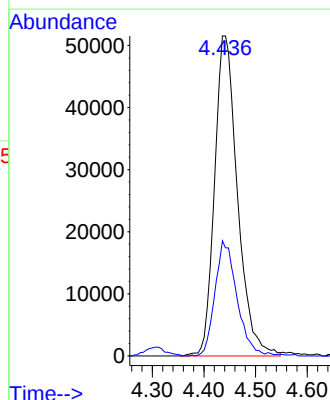
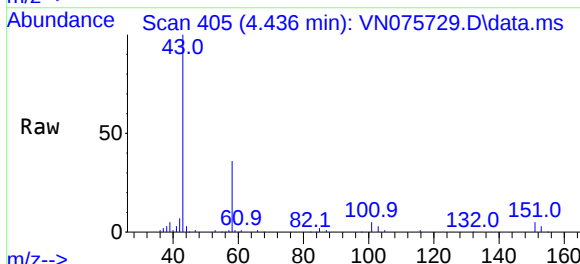
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ClientSampleId :  
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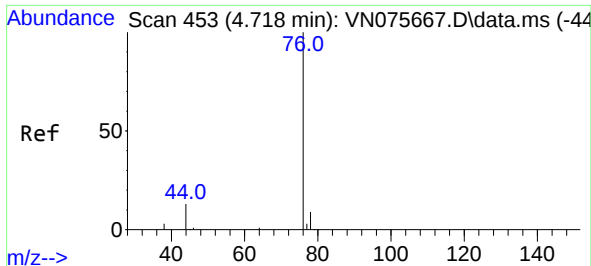
Tgt Ion: 53 Resp: 213019  
Ion Ratio Lower Upper  
53 100  
52 82.0 65.0 97.4  
51 36.3 28.9 43.3



#16  
Acetone  
Concen: 209.323 ug/l  
RT: 4.436 min Scan# 405  
Delta R.T. -0.006 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

Tgt Ion: 43 Resp: 158839  
Ion Ratio Lower Upper  
43 100  
58 35.7 27.0 40.4

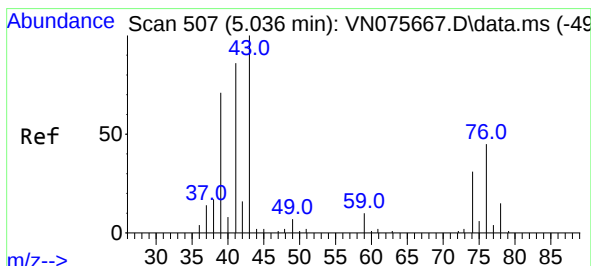
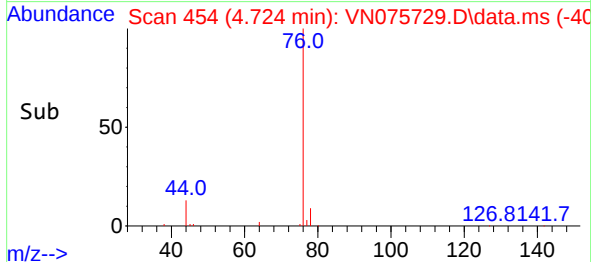
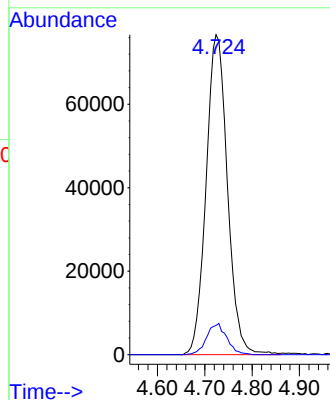
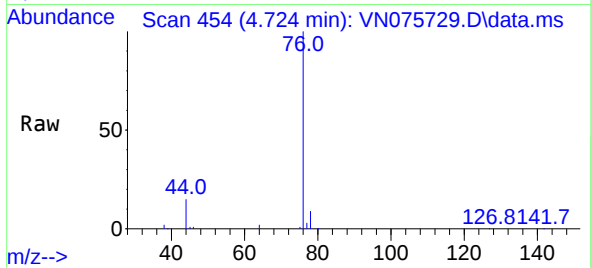




#17  
Carbon Disulfide  
Concen: 50.154 ug/l  
RT: 4.724 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

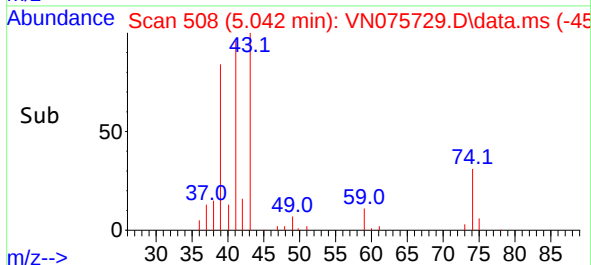
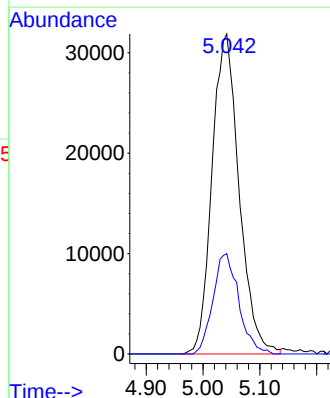
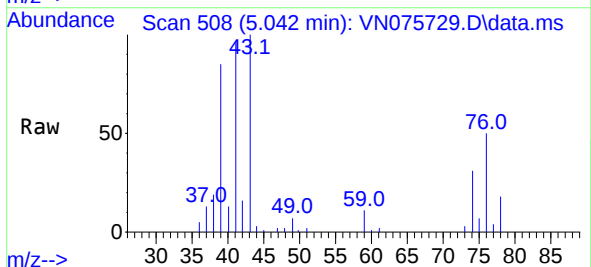
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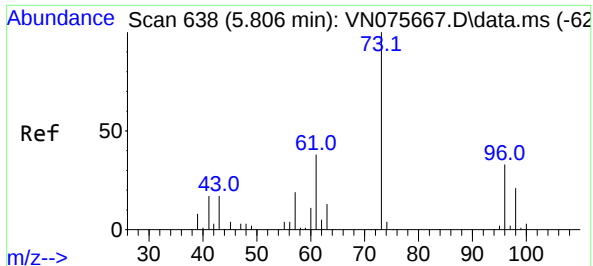
Tgt Ion: 76 Resp: 240092  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.4 11.2



#18  
Methyl Acetate  
Concen: 43.274 ug/l  
RT: 5.042 min Scan# 508  
Delta R.T. 0.006 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

Tgt Ion: 43 Resp: 105516  
Ion Ratio Lower Upper  
43 100  
74 29.8 24.5 36.7

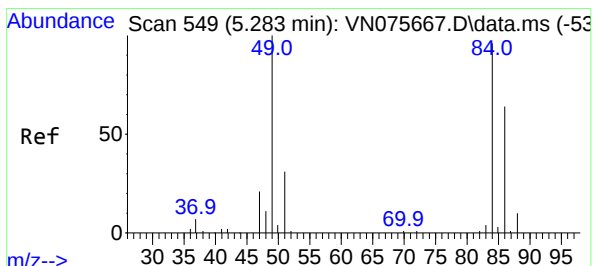
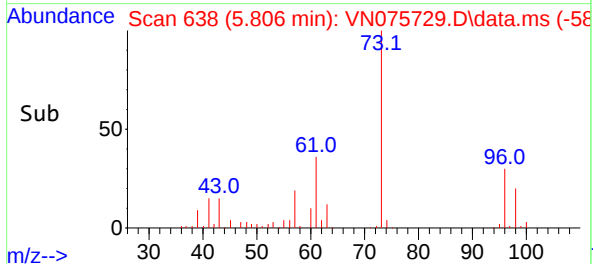
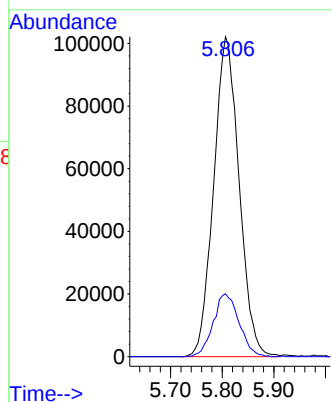
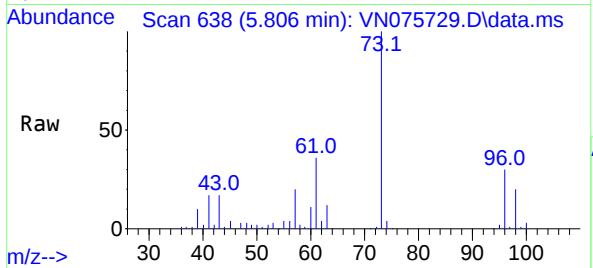




#19  
Methyl tert-butyl Ether  
Concen: 57.320 ug/l  
RT: 5.806 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

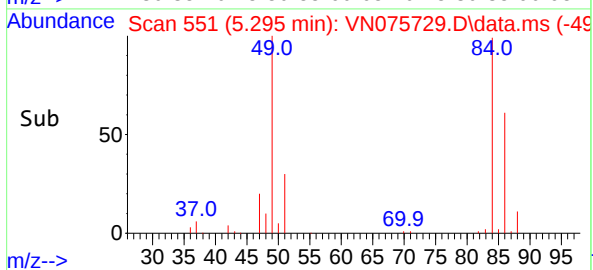
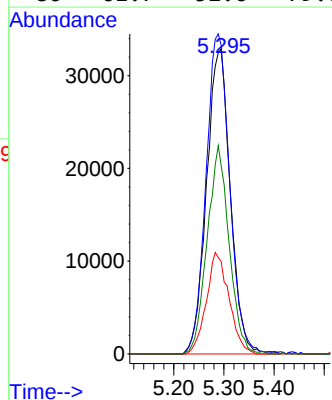
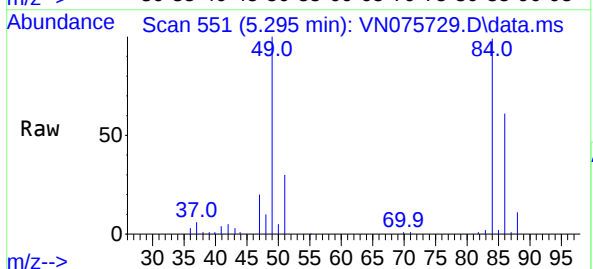
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ClientSampleId :  
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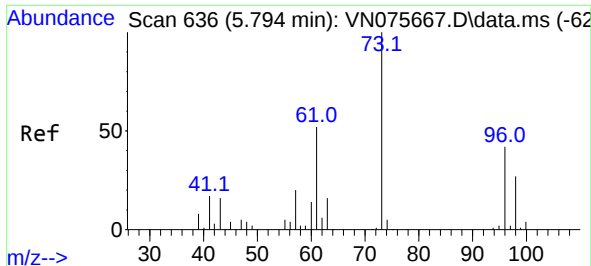
Tgt Ion: 73 Resp: 348836  
Ion Ratio Lower Upper  
73 100  
57 19.7 15.1 22.7



#20  
Methylene Chloride  
Concen: 47.789 ug/l  
RT: 5.295 min Scan# 551  
Delta R.T. 0.012 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

Tgt Ion: 84 Resp: 108106  
Ion Ratio Lower Upper  
84 100  
49 101.2 83.0 124.4  
51 30.3 26.0 39.0  
86 61.7 52.6 79.0

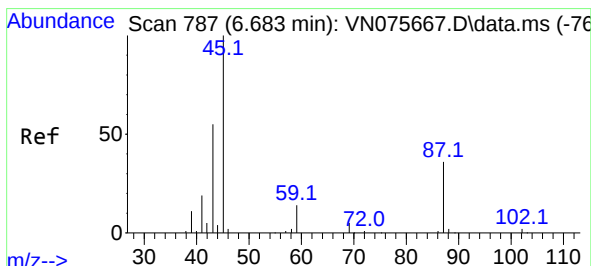
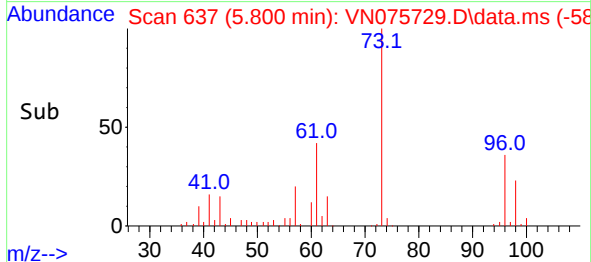
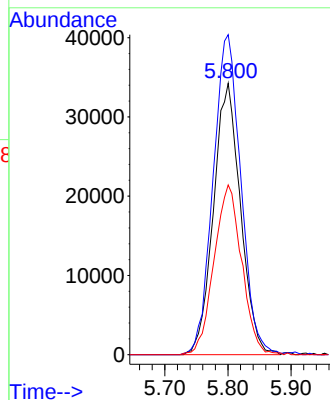
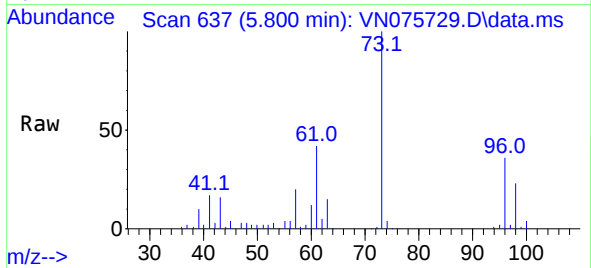




#21  
trans-1,2-Dichloroethene  
Concen: 50.443 ug/l  
RT: 5.800 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

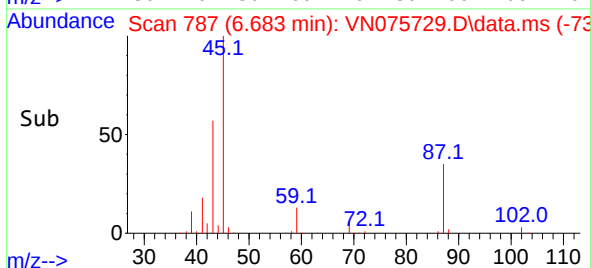
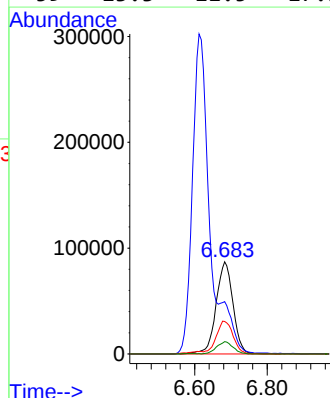
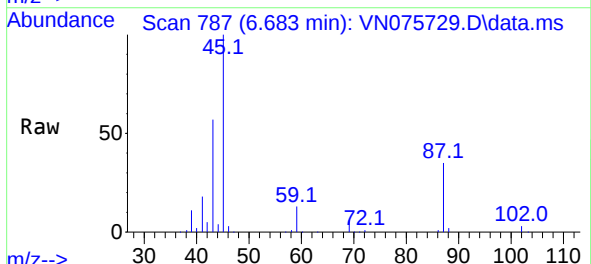
Instrument :  
MSVOA\_N  
ClientSampleId :  
TOLL-MW-07MSD

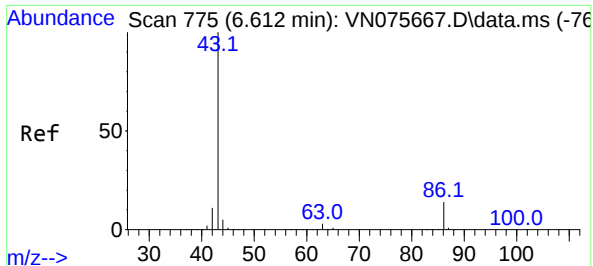
Tgt Ion: 96 Resp: 101983  
Ion Ratio Lower Upper  
96 100  
61 117.9 100.5 150.7  
98 62.6 52.7 79.1



#22  
Diisopropyl ether  
Concen: 55.024 ug/l  
RT: 6.683 min Scan# 787  
Delta R.T. 0.000 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

Tgt Ion: 45 Resp: 282059  
Ion Ratio Lower Upper  
45 100  
43 56.0 44.9 67.3  
87 35.2 28.8 43.2  
59 13.3 11.5 17.3

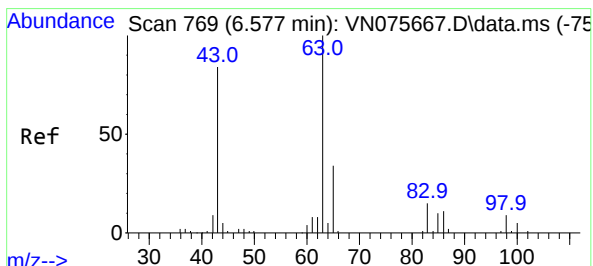
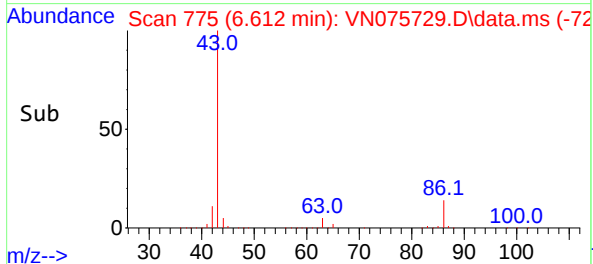
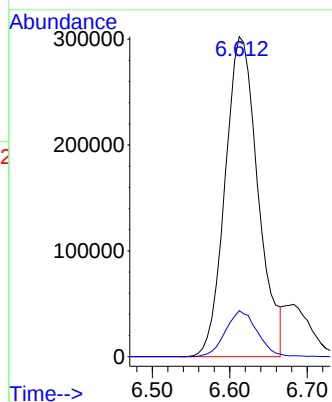
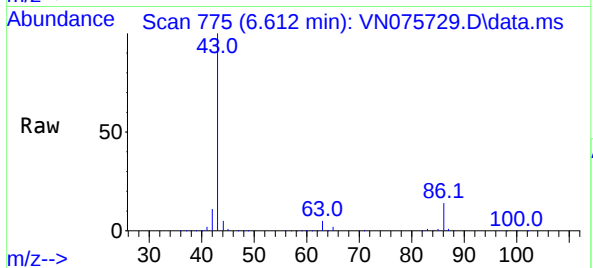




#23  
 Vinyl Acetate  
 Concen: 228.806 ug/l  
 RT: 6.612 min Scan# 71  
 Delta R.T. 0.000 min  
 Lab File: VN075729.D  
 Acq: 12 Dec 2022 21:40

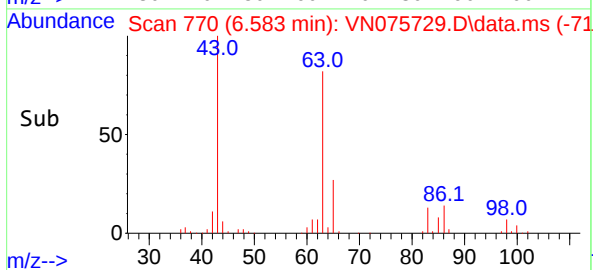
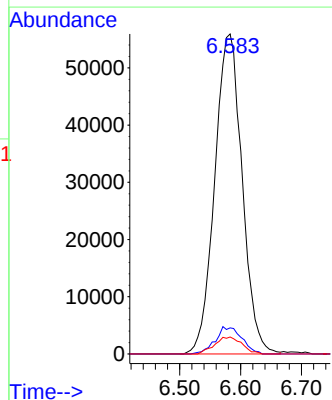
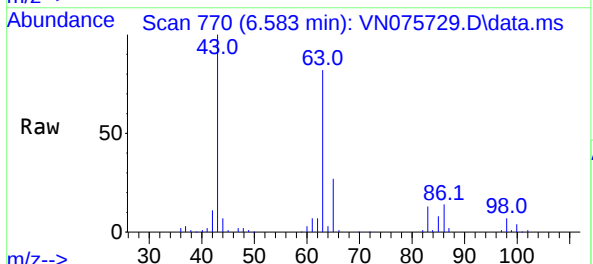
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TOLL-MW-07MSD

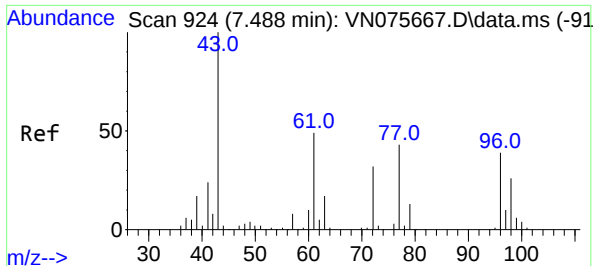
Tgt Ion: 43 Resp: 894354  
 Ion Ratio Lower Upper  
 43 100  
 86 14.4 11.5 17.3



#24  
 1,1-Dichloroethane  
 Concen: 51.855 ug/l  
 RT: 6.583 min Scan# 770  
 Delta R.T. 0.006 min  
 Lab File: VN075729.D  
 Acq: 12 Dec 2022 21:40

Tgt Ion: 63 Resp: 174971  
 Ion Ratio Lower Upper  
 63 100  
 98 8.2 4.3 12.9  
 100 5.3 2.6 7.8





#25

2-Butanone

Concen: 237.604 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075729.D

Acq: 12 Dec 2022 21:40

Instrument :

MSVOA\_N

ClientSampleId :

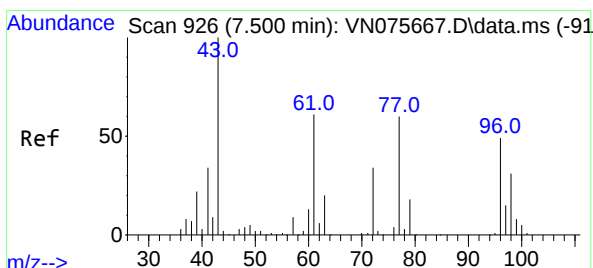
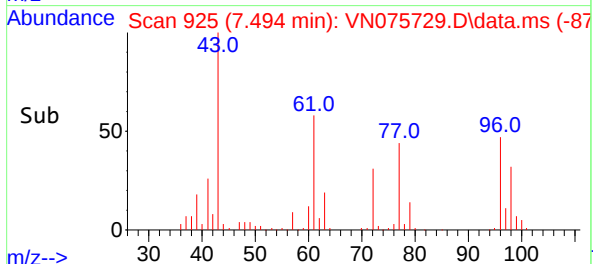
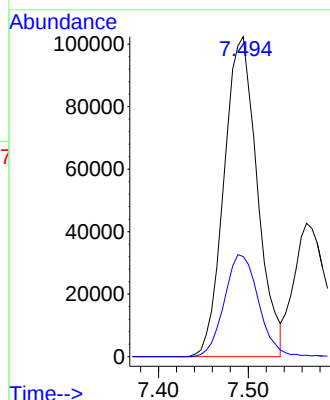
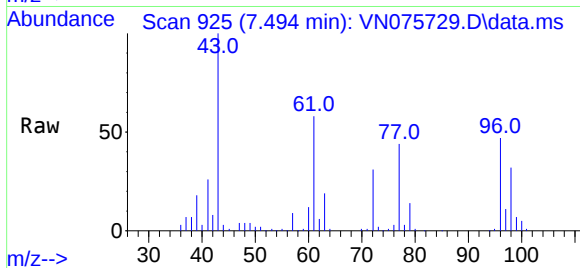
TOLL-MW-07MSD

Tgt Ion: 43 Resp: 263572

Ion Ratio Lower Upper

43 100

72 31.3 25.3 37.9



#26

2,2-Dichloropropane

Concen: 48.097 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.000 min

Lab File: VN075729.D

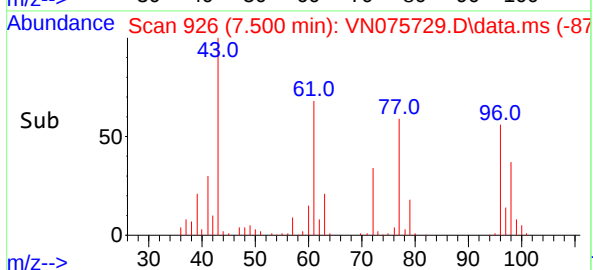
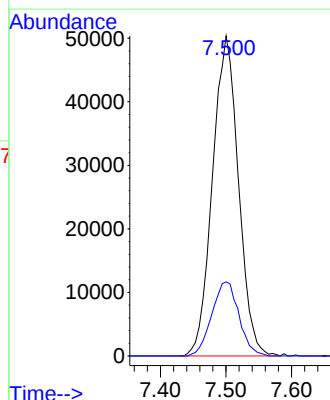
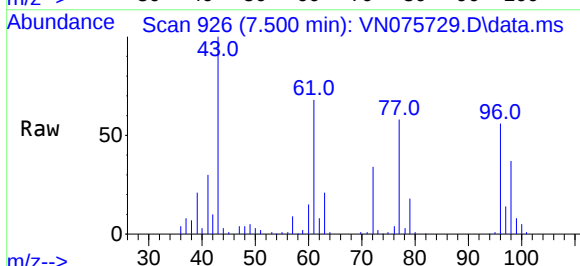
Acq: 12 Dec 2022 21:40

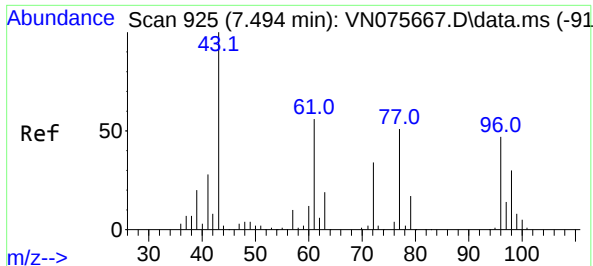
Tgt Ion: 77 Resp: 138413

Ion Ratio Lower Upper

77 100

97 24.2 12.2 36.4



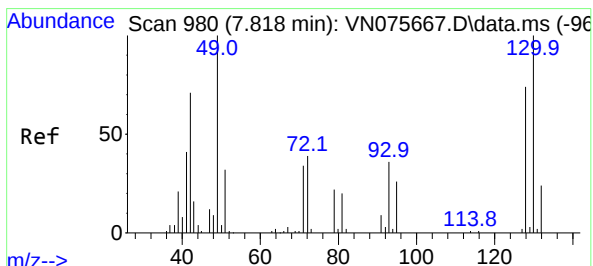
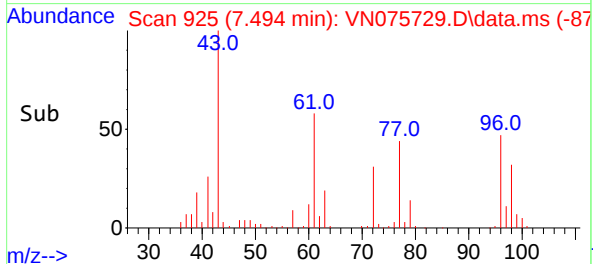
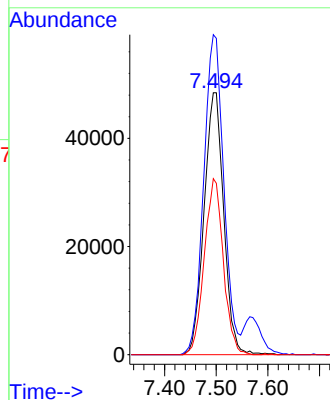
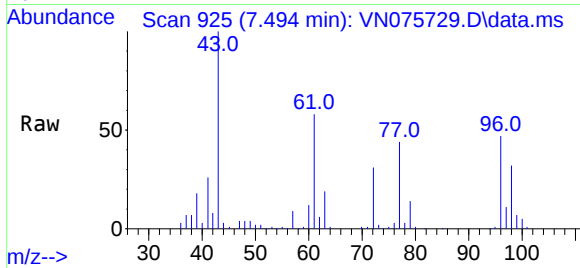


#27  
 cis-1,2-Dichloroethene  
 Concen: 52.198 ug/l  
 RT: 7.494 min Scan# 91  
 Delta R.T. 0.000 min  
 Lab File: VN075729.D  
 Acq: 12 Dec 2022 21:40

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TOLL-MW-07MSD

Tgt Ion: 96 Resp: 128118  

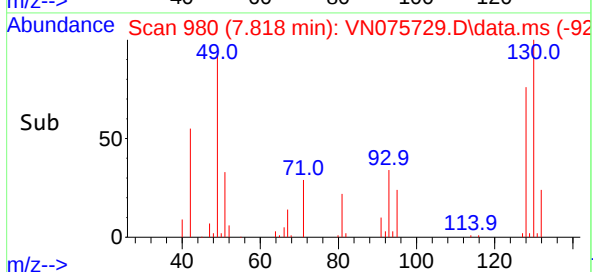
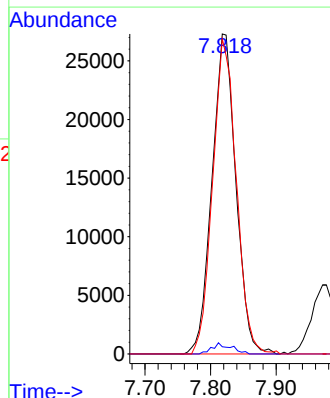
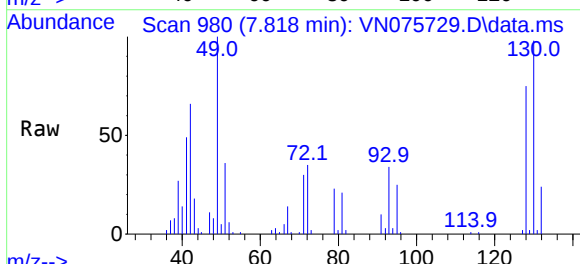
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 124.7 | 0.0   | 247.8 |
| 98  | 65.0  | 0.0   | 126.0 |

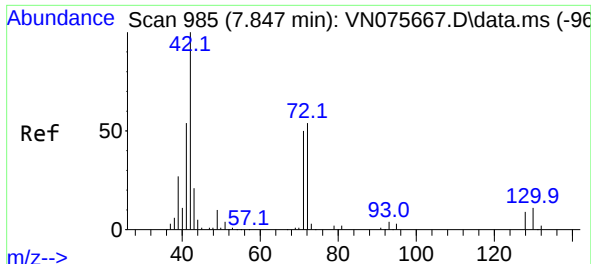


#28  
 Bromochloromethane  
 Concen: 51.214 ug/l  
 RT: 7.818 min Scan# 980  
 Delta R.T. 0.000 min  
 Lab File: VN075729.D  
 Acq: 12 Dec 2022 21:40

Tgt Ion: 49 Resp: 69094  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 2.7   | 0.0   | 5.4   |
| 130 | 97.1  | 78.5  | 117.7 |

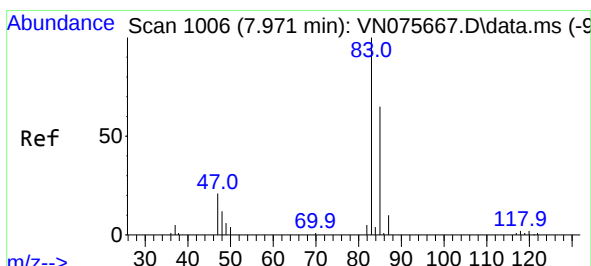
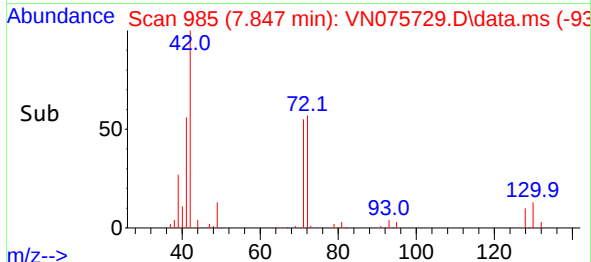
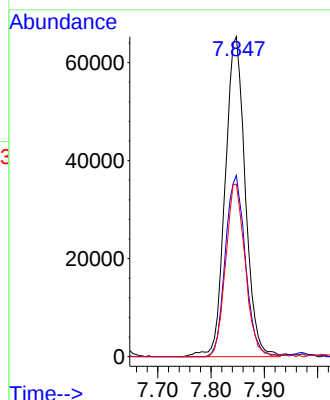
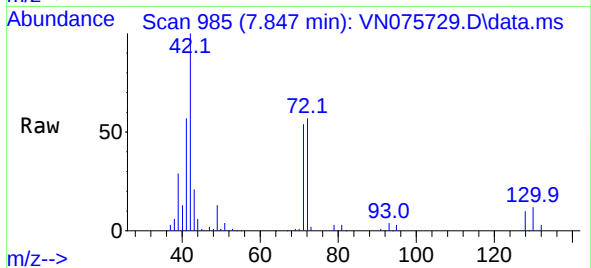




#29  
Tetrahydrofuran  
Concen: 250.665 ug/l  
RT: 7.847 min Scan# 985  
Delta R.T. 0.000 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

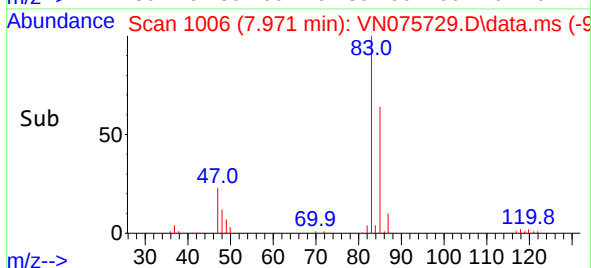
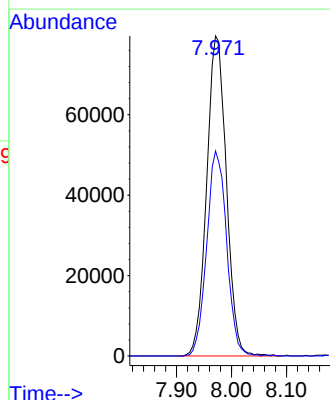
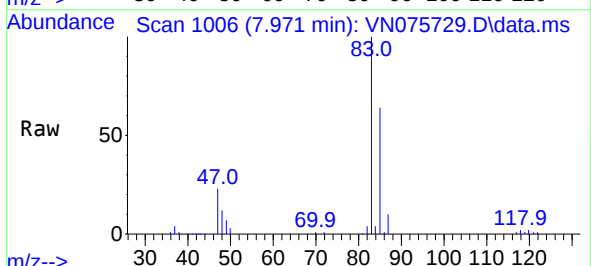
Instrument :  
MSVOA\_N  
ClientSampleId :  
TOLL-MW-07MSD

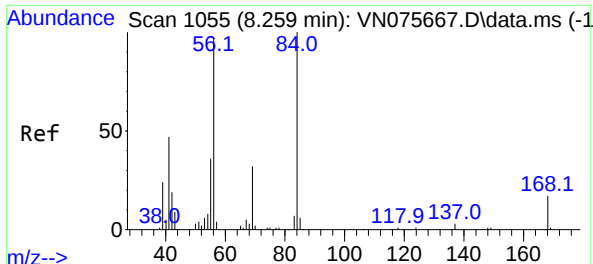
Tgt Ion: 42 Resp: 171388  
Ion Ratio Lower Upper  
42 100  
72 56.4 44.6 67.0  
71 52.3 41.2 61.8



#30  
Chloroform  
Concen: 53.019 ug/l  
RT: 7.971 min Scan# 1006  
Delta R.T. 0.000 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

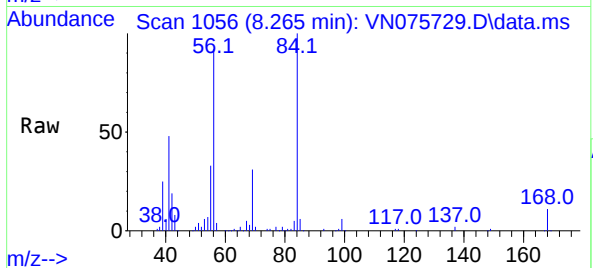
Tgt Ion: 83 Resp: 198156  
Ion Ratio Lower Upper  
83 100  
85 64.1 51.8 77.6



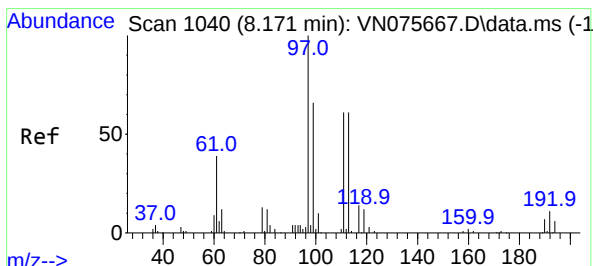
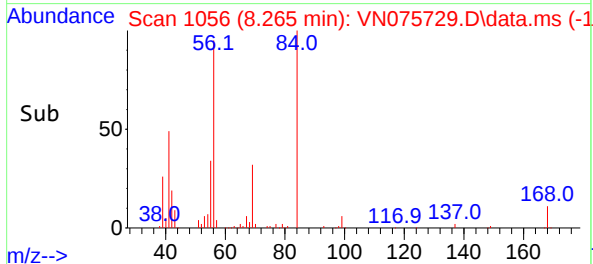
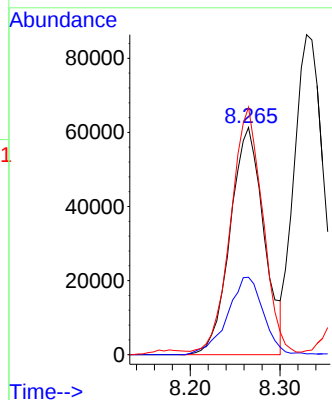


#31  
Cyclohexane  
Concen: 48.175 ug/l  
RT: 8.265 min Scan# 1056  
Delta R.T. 0.006 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
TOLL-MW-07MSD

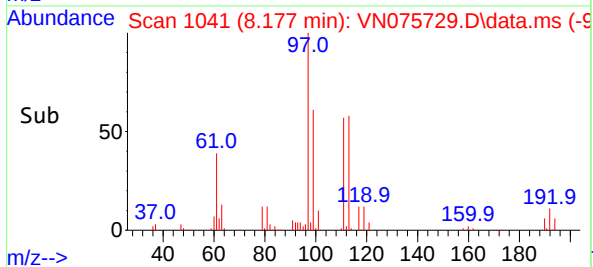
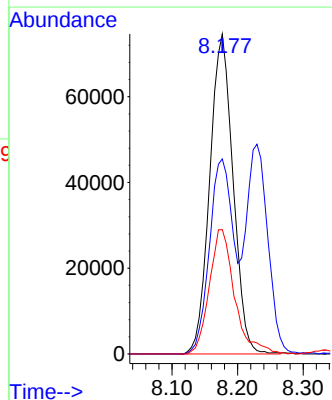
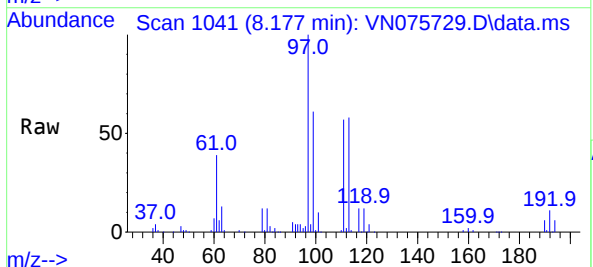


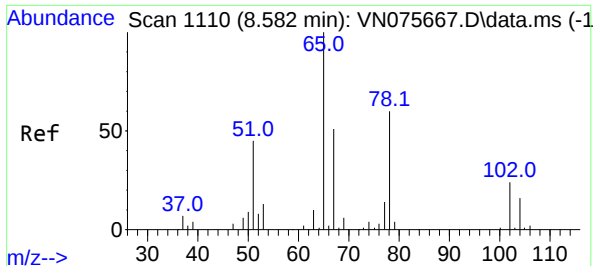
Tgt Ion: 56 Resp: 159822  
Ion Ratio Lower Upper  
56 100  
69 34.1 26.2 39.2  
84 107.3 82.8 124.2



#32  
1,1,1-Trichloroethane  
Concen: 53.371 ug/l  
RT: 8.177 min Scan# 1041  
Delta R.T. 0.006 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

Tgt Ion: 97 Resp: 184028  
Ion Ratio Lower Upper  
97 100  
99 61.5 51.2 76.8  
61 42.2 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 50.779 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075729.D

Acq: 12 Dec 2022 21:40

Instrument :

MSVOA\_N

ClientSampleId :

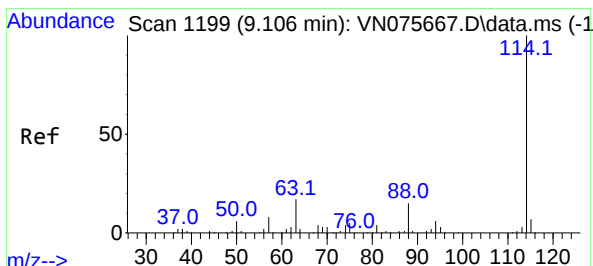
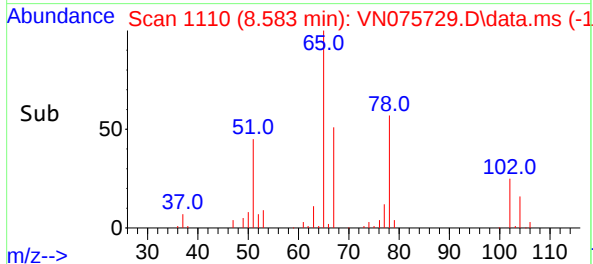
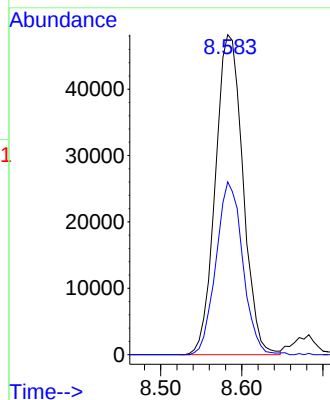
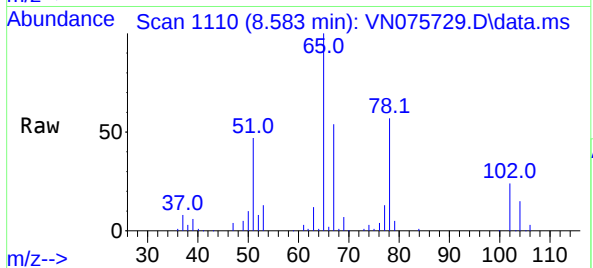
TOLL-MW-07MSD

Tgt Ion: 65 Resp: 113780

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075729.D

Acq: 12 Dec 2022 21:40

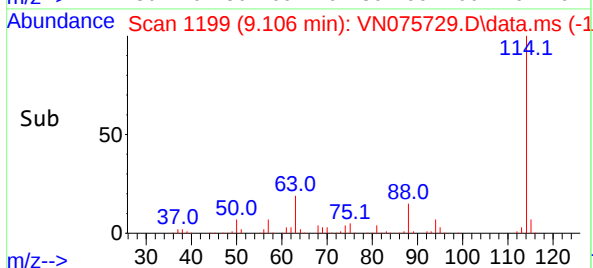
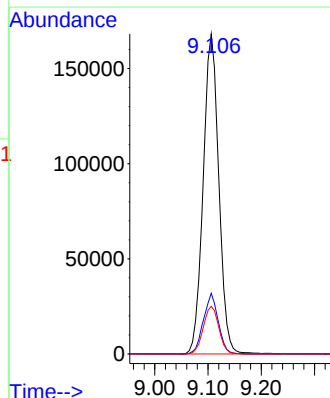
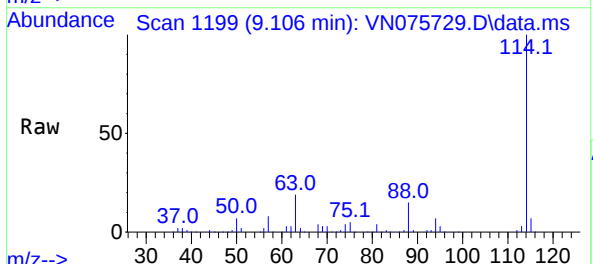
Tgt Ion: 114 Resp: 342451

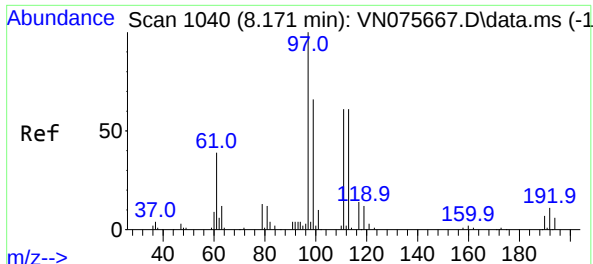
Ion Ratio Lower Upper

114 100

63 18.9 0.0 34.4

88 14.9 0.0 29.2

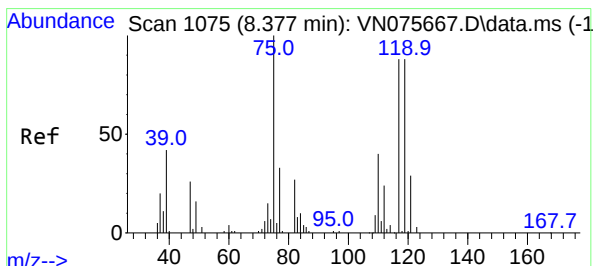
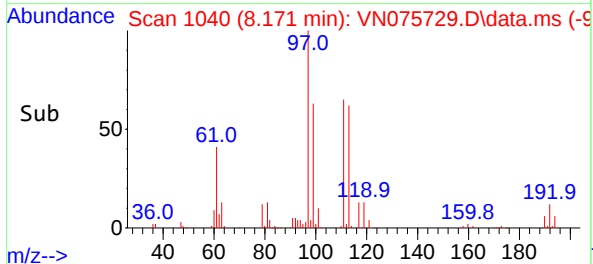
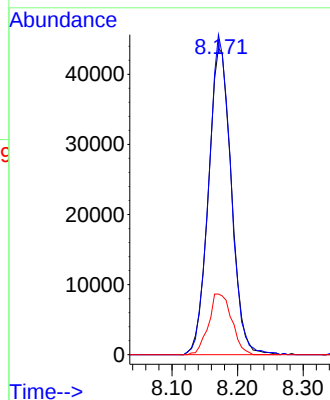
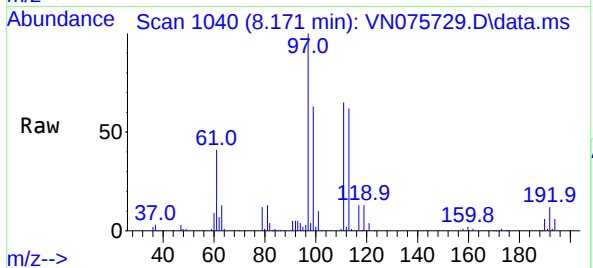




#35  
Dibromofluoromethane  
Concen: 50.793 ug/l  
RT: 8.171 min Scan# 1040  
Delta R.T. 0.000 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

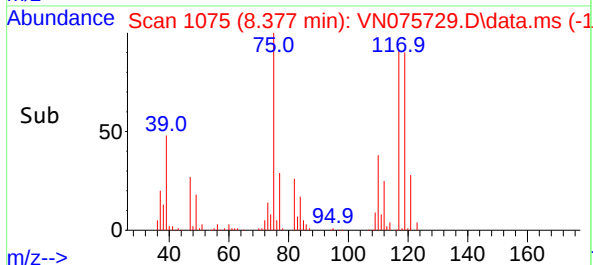
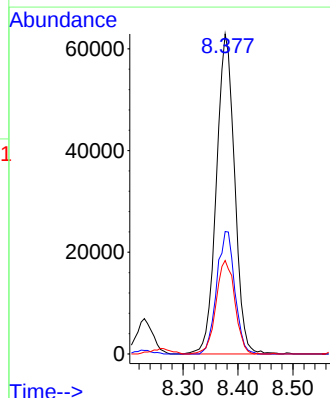
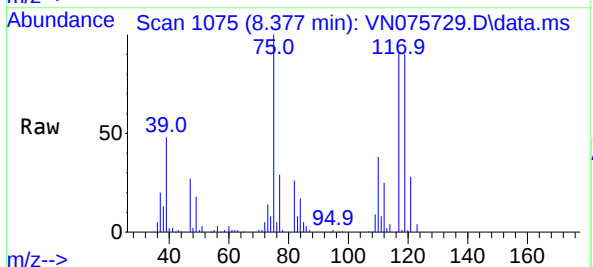
Instrument :  
MSVOA\_N  
ClientSampleId :  
TOLL-MW-07MSD

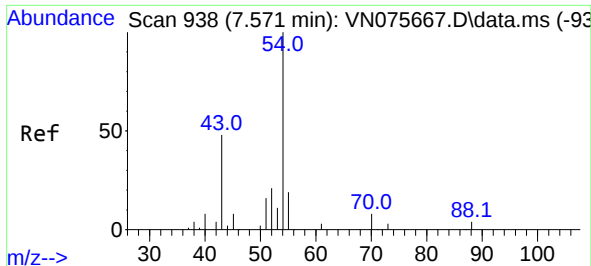
Tgt Ion:113 Resp: 106125  
Ion Ratio Lower Upper  
113 100  
111 100.8 81.0 121.6  
192 20.0 16.2 24.2



#36  
1,1-Dichloropropene  
Concen: 52.175 ug/l  
RT: 8.377 min Scan# 1075  
Delta R.T. 0.000 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

Tgt Ion: 75 Resp: 144751  
Ion Ratio Lower Upper  
75 100  
110 37.9 18.9 56.9  
77 30.2 25.4 38.2

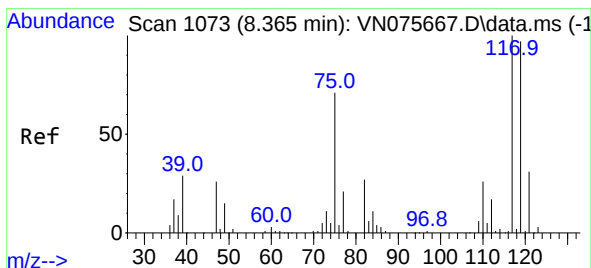
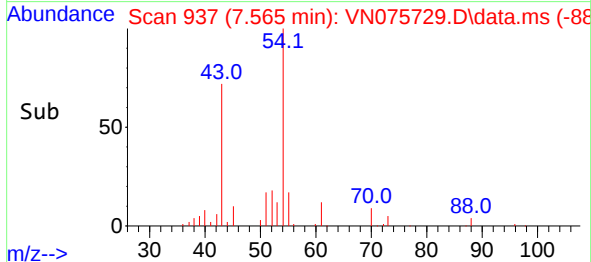
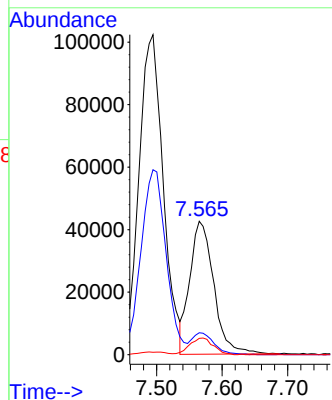
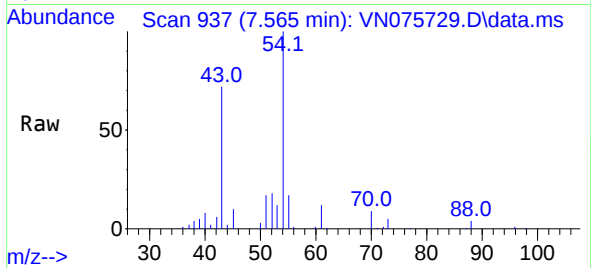




#37  
Ethyl Acetate  
Concen: 48.586 ug/l  
RT: 7.565 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

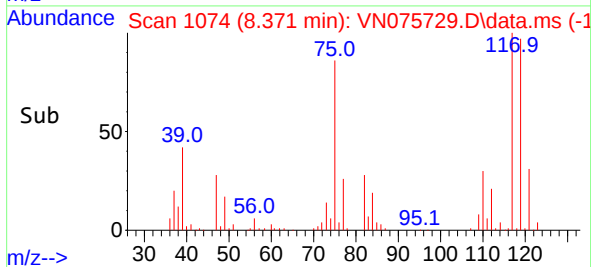
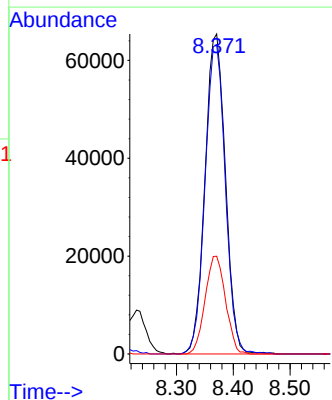
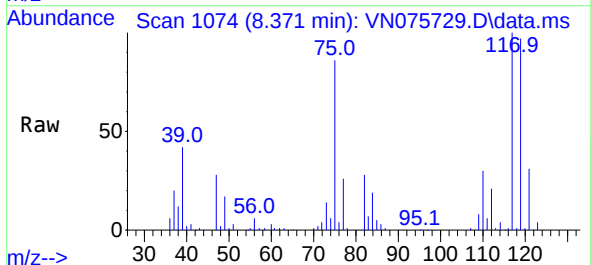
Instrument :  
MSVOA\_N  
ClientSampleId :  
TOLL-MW-07MSD

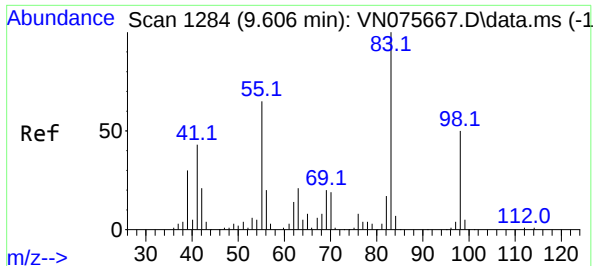
Tgt Ion: 43 Resp: 108223  
Ion Ratio Lower Upper  
43 100  
61 14.9 13.3 19.9  
70 12.4 9.9 14.9



#38  
Carbon Tetrachloride  
Concen: 50.974 ug/l  
RT: 8.371 min Scan# 1074  
Delta R.T. 0.006 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

Tgt Ion: 117 Resp: 163192  
Ion Ratio Lower Upper  
117 100  
119 96.6 77.2 115.8  
121 30.6 24.6 37.0





#39

Methylcyclohexane

Concen: 53.964 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075729.D

Acq: 12 Dec 2022 21:40

Instrument :

MSVOA\_N

ClientSampleId :

TOLL-MW-07MSD

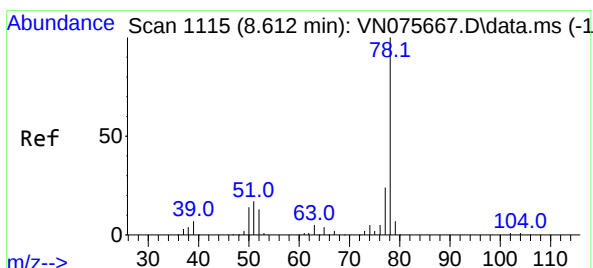
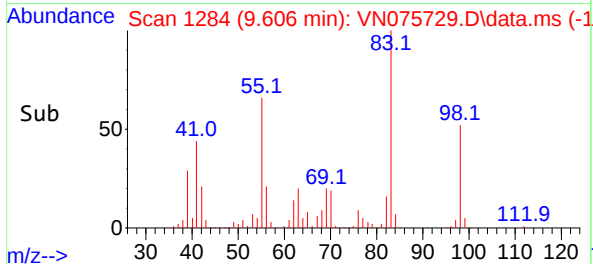
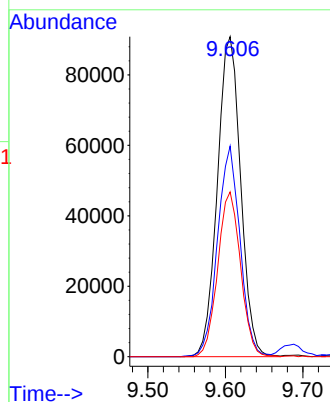
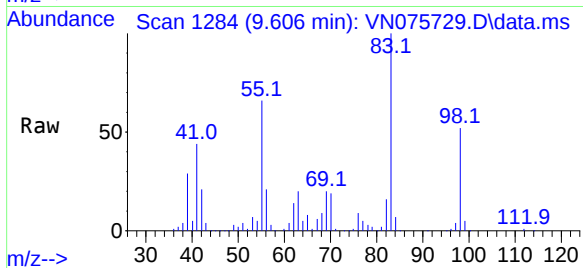
Tgt Ion: 83 Resp: 189843

Ion Ratio Lower Upper

83 100

55 65.8 51.6 77.4

98 51.5 39.8 59.8



#40

Benzene

Concen: 51.589 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075729.D

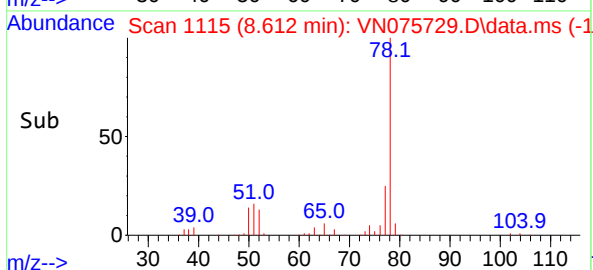
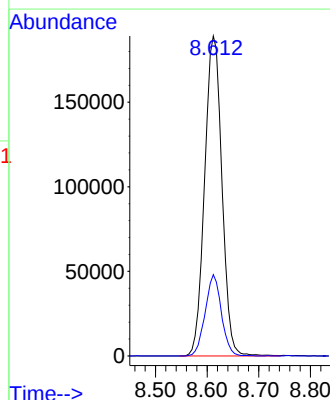
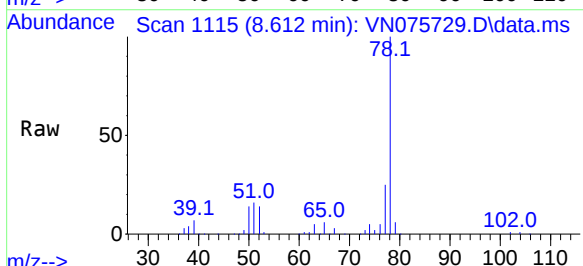
Acq: 12 Dec 2022 21:40

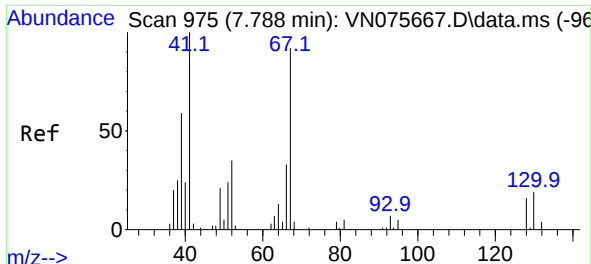
Tgt Ion: 78 Resp: 439238

Ion Ratio Lower Upper

78 100

77 25.4 19.1 28.7



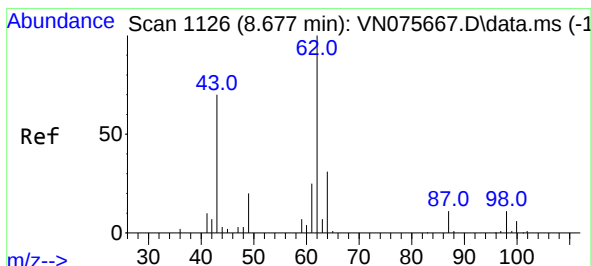
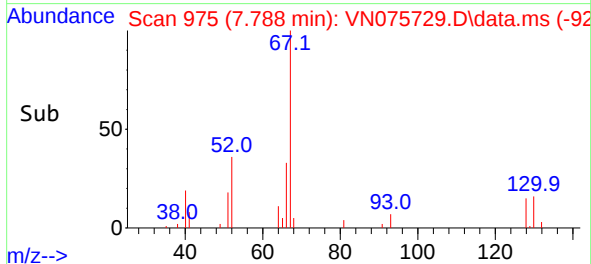
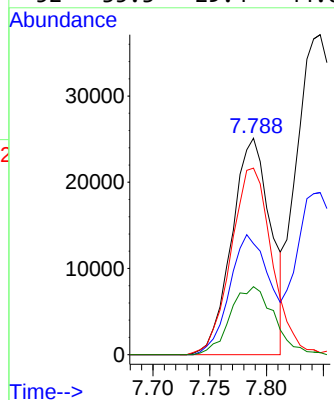
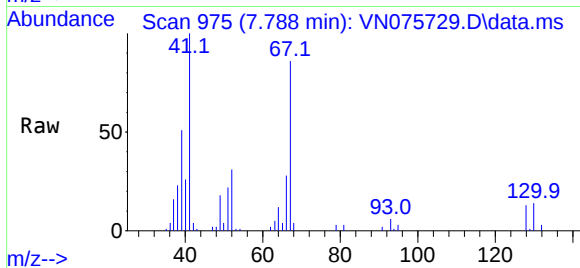


#41  
Methacrylonitrile  
Concen: 52.458 ug/l  
RT: 7.788 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
TOLL-MW-07MSD

Tgt Ion: 41 Resp: 59915

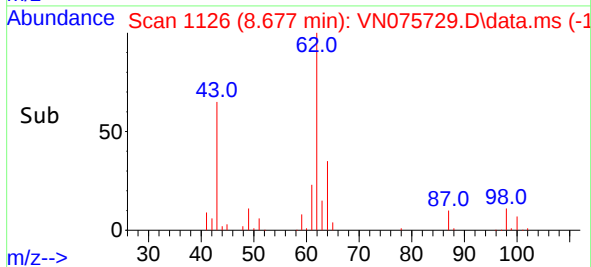
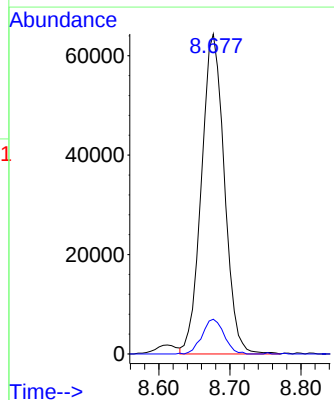
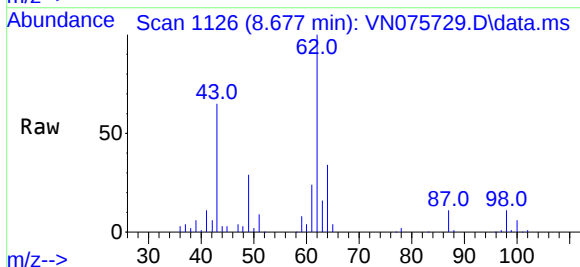
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 57.1  | 46.3  | 69.5  |
| 67  | 90.8  | 74.0  | 111.0 |
| 52  | 35.3  | 29.4  | 44.0  |

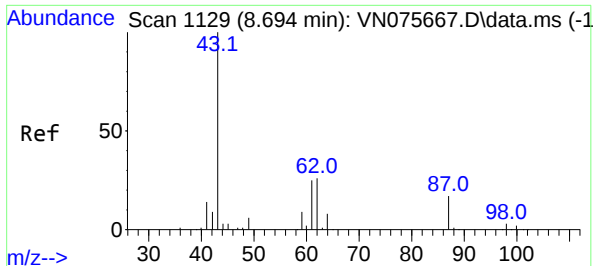


#42  
1,2-Dichloroethane  
Concen: 50.761 ug/l  
RT: 8.677 min Scan# 1126  
Delta R.T. 0.000 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

Tgt Ion: 62 Resp: 144576

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 10.4  | 0.0   | 21.8  |

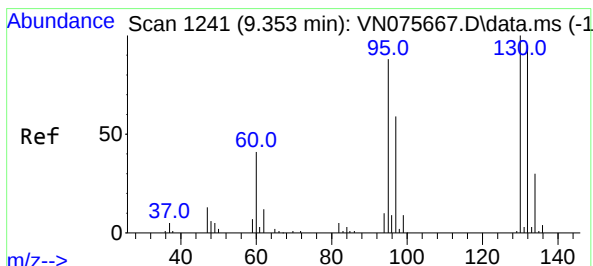
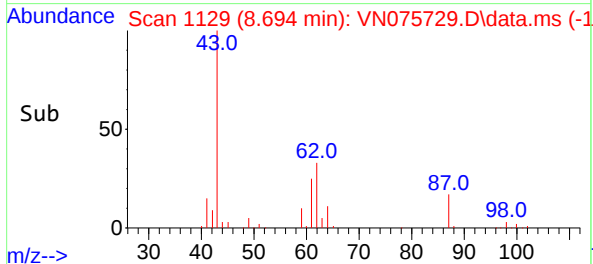
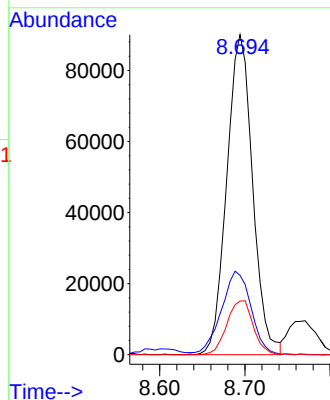
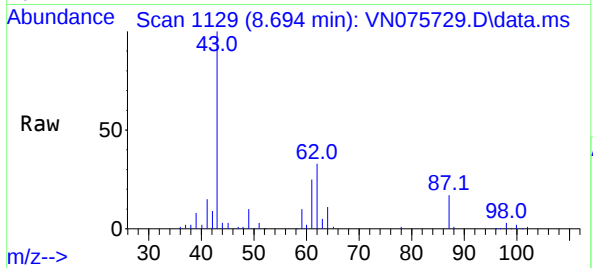




#43  
Isopropyl Acetate  
Concen: 51.055 ug/l  
RT: 8.694 min Scan# 1129  
Delta R.T. 0.000 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

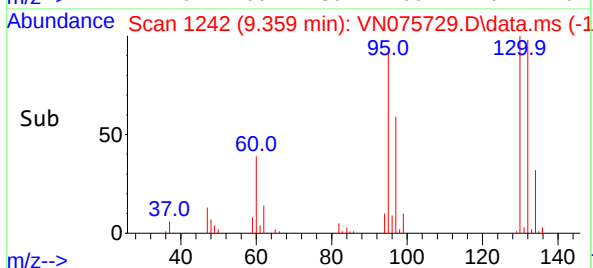
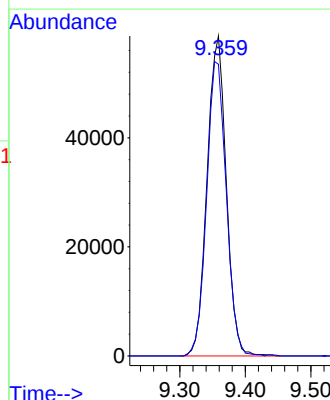
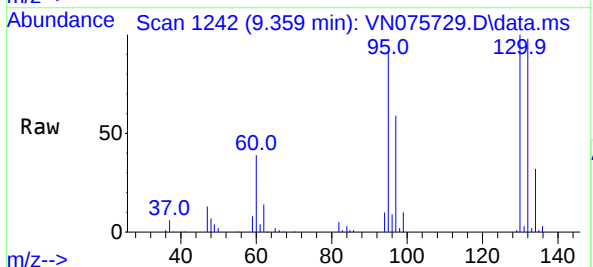
Instrument :  
MSVOA\_N  
ClientSampleId :  
TOLL-MW-07MSD

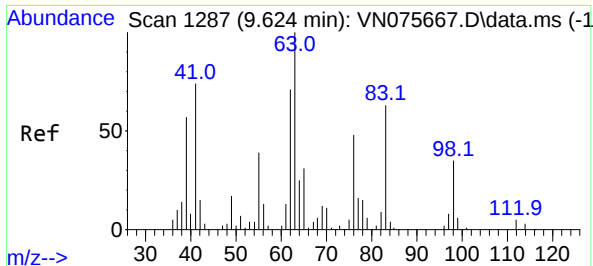
Tgt Ion: 43 Resp: 189857  
Ion Ratio Lower Upper  
43 100  
61 30.1 23.8 35.8  
87 17.2 13.7 20.5



#44  
Trichloroethene  
Concen: 49.732 ug/l  
RT: 9.359 min Scan# 1242  
Delta R.T. 0.006 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

Tgt Ion:130 Resp: 119455  
Ion Ratio Lower Upper  
130 100  
95 91.2 0.0 176.8





#45

1,2-Dichloropropane

Concen: 51.561 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN075729.D

Acq: 12 Dec 2022 21:40

Instrument :

MSVOA\_N

ClientSampleId :

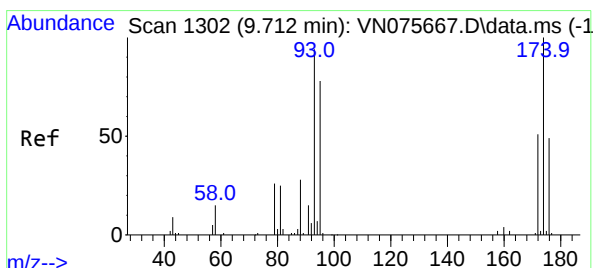
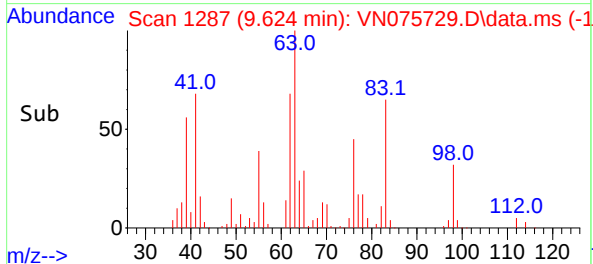
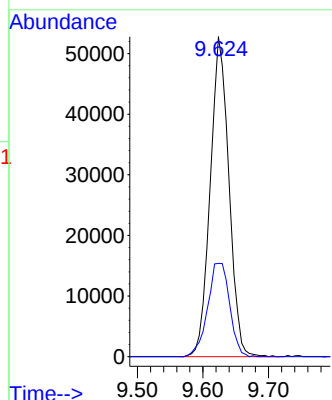
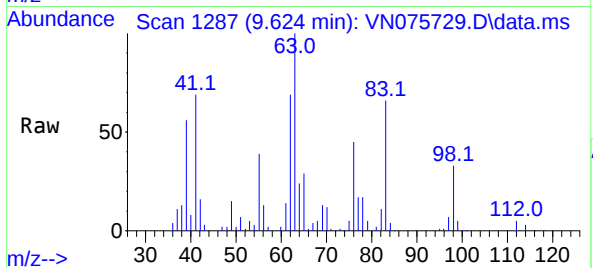
TOLL-MW-07MSD

Tgt Ion: 63 Resp: 104410

Ion Ratio Lower Upper

63 100

65 29.1 25.1 37.7



#46

Dibromomethane

Concen: 52.511 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN075729.D

Acq: 12 Dec 2022 21:40

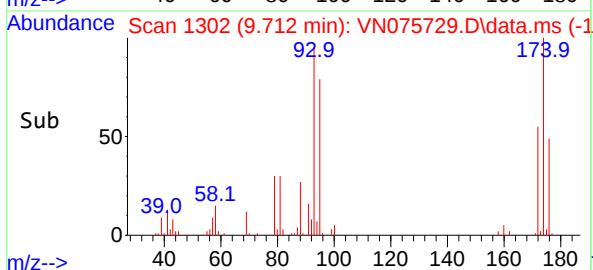
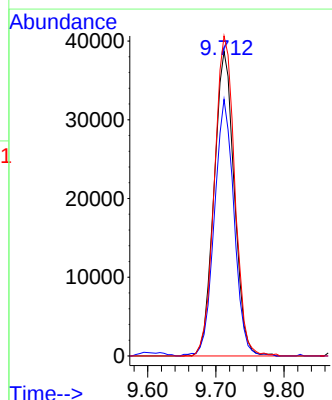
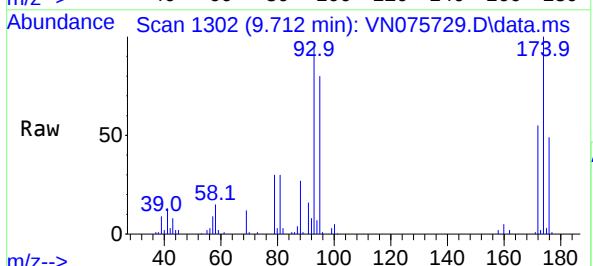
Tgt Ion: 93 Resp: 79833

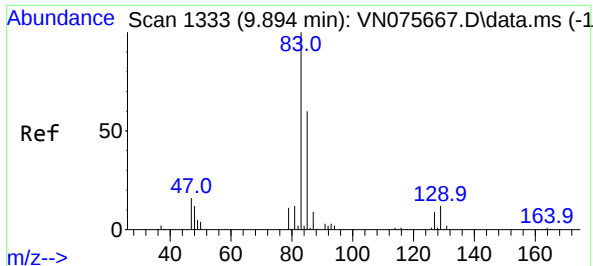
Ion Ratio Lower Upper

93 100

95 82.1 67.3 100.9

174 105.6 85.0 127.6

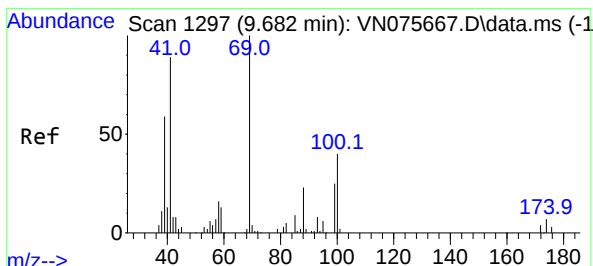
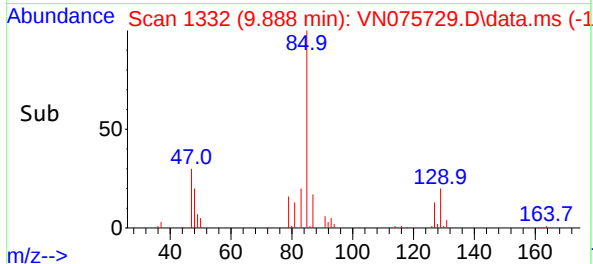
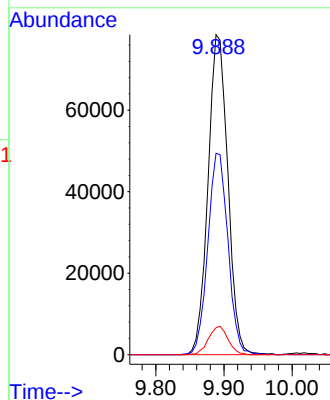
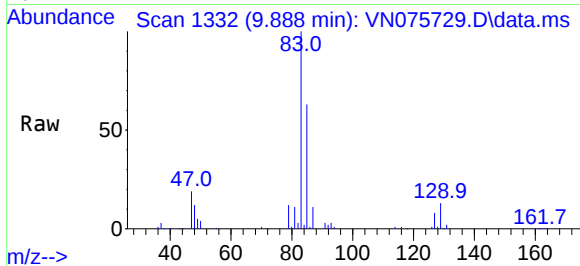




#47  
Bromodichloromethane  
Concen: 53.350 ug/l  
RT: 9.888 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

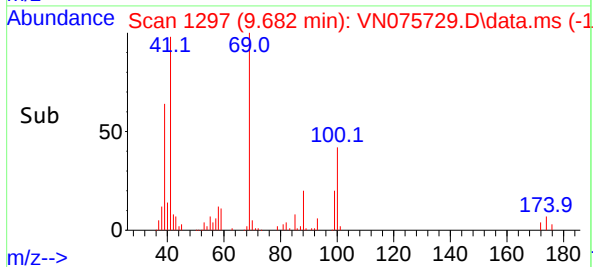
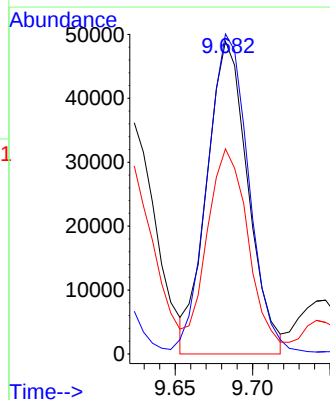
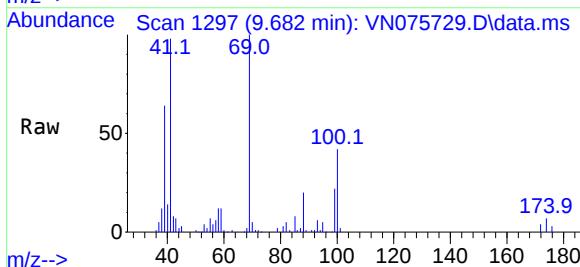
Instrument :  
MSVOA\_N  
ClientSampleId :  
TOLL-MW-07MSD

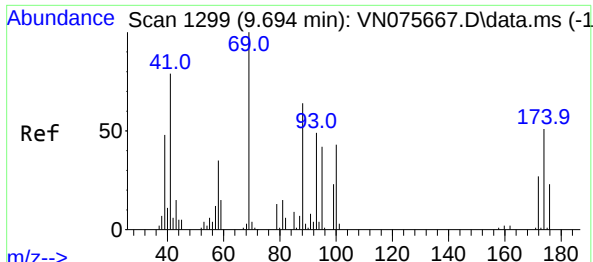
Tgt Ion: 83 Resp: 159028  
Ion Ratio Lower Upper  
83 100  
85 63.0 48.0 72.0  
127 8.4 7.4 11.2



#48  
Methyl methacrylate  
Concen: 52.684 ug/l  
RT: 9.682 min Scan# 1297  
Delta R.T. 0.000 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

Tgt Ion: 41 Resp: 90231  
Ion Ratio Lower Upper  
41 100  
69 102.4 82.5 123.7  
39 67.2 53.2 79.8

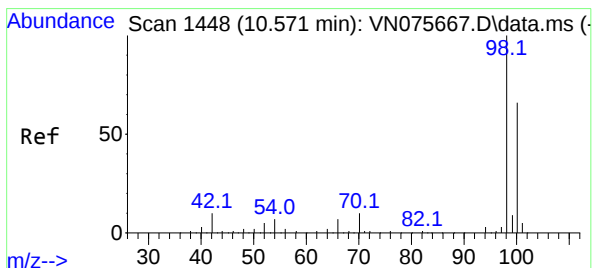
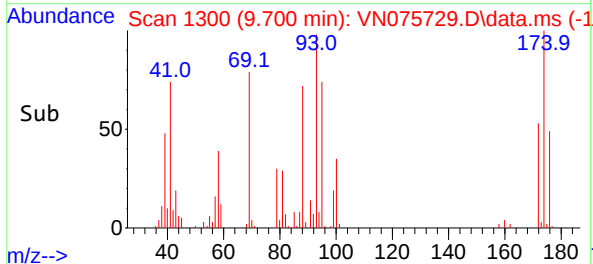
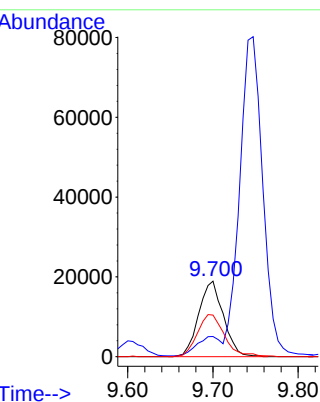
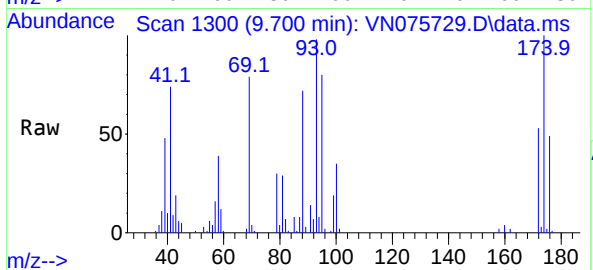




#49  
1,4-Dioxane  
Concen: 914.738 ug/l  
RT: 9.700 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

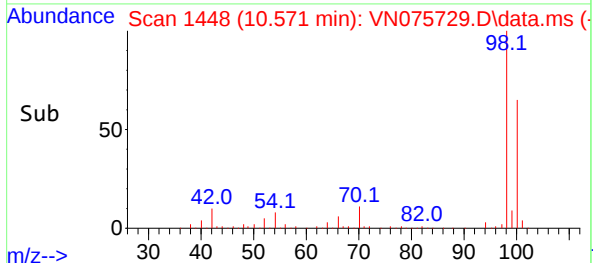
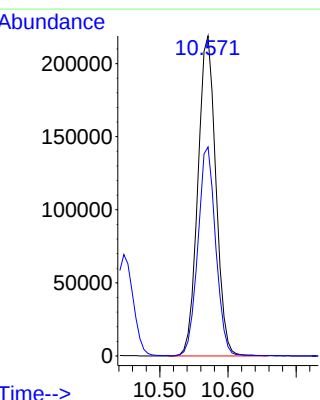
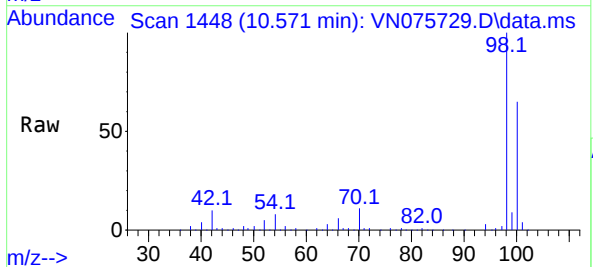
Instrument :  
MSVOA\_N  
ClientSampleId :  
TOLL-MW-07MSD

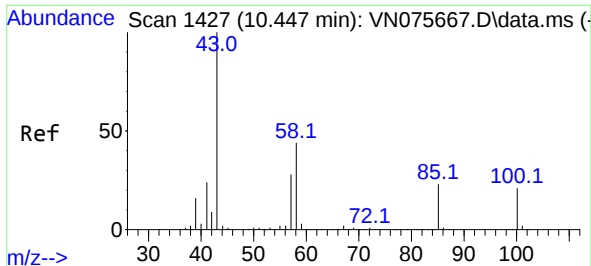
Tgt Ion: 88 Resp: 38083  
Ion Ratio Lower Upper  
88 100  
43 25.3 17.4 26.0  
58 61.4 46.8 70.2



#50  
Toluene-d8  
Concen: 51.167 ug/l  
RT: 10.571 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

Tgt Ion: 98 Resp: 401477  
Ion Ratio Lower Upper  
98 100  
100 65.0 52.6 78.8

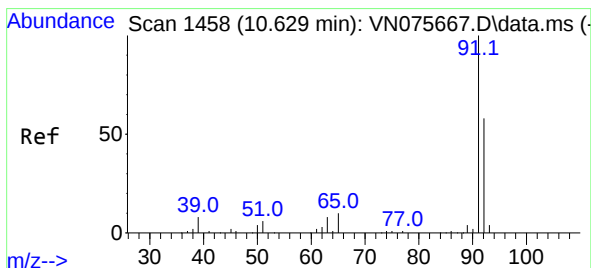
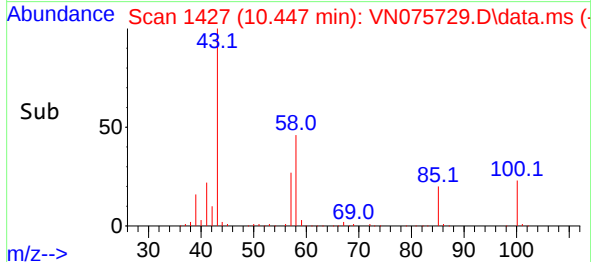
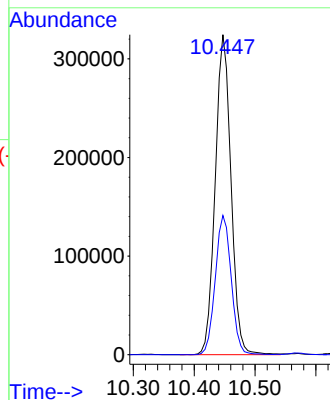
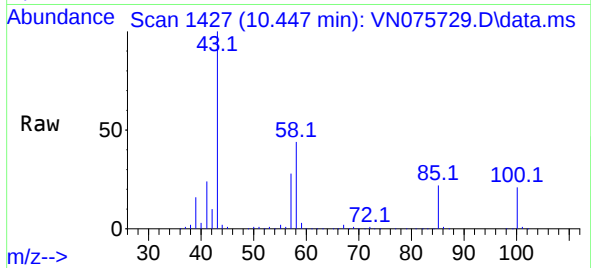




#51  
4-Methyl-2-Pentanone  
Concen: 255.094 ug/l  
RT: 10.447 min Scan# 1427  
Delta R.T. 0.000 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

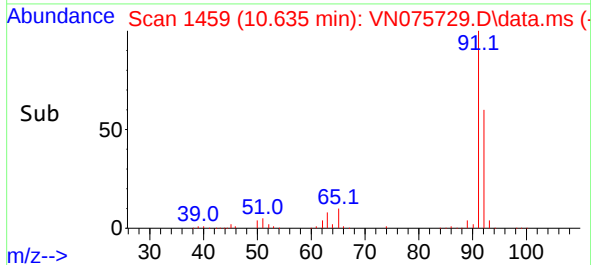
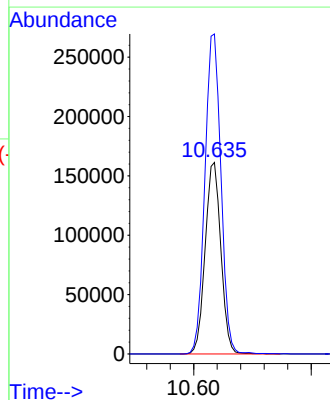
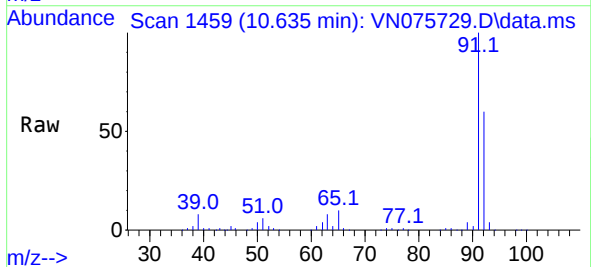
Instrument :  
MSVOA\_N  
ClientSampleId :  
TOLL-MW-07MSD

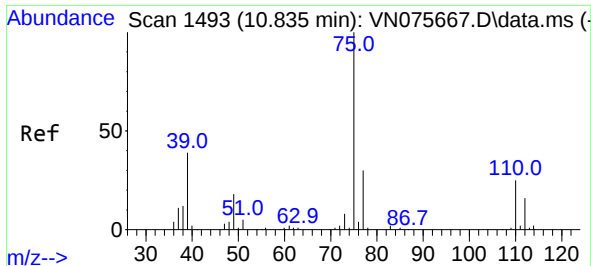
Tgt Ion: 43 Resp: 584928  
Ion Ratio Lower Upper  
43 100  
58 43.9 35.0 52.6



#52  
Toluene  
Concen: 53.014 ug/l  
RT: 10.635 min Scan# 1459  
Delta R.T. 0.006 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

Tgt Ion: 92 Resp: 298343  
Ion Ratio Lower Upper  
92 100  
91 170.9 137.9 206.9

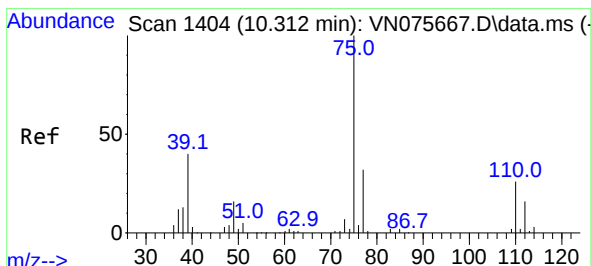
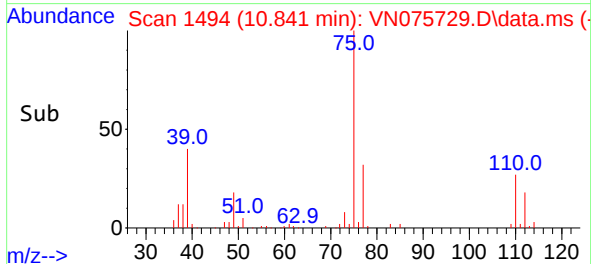
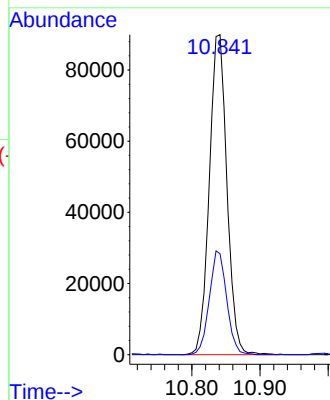
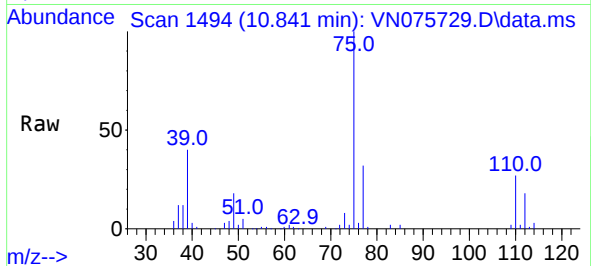




#53  
 t-1,3-Dichloropropene  
 Concen: 54.963 ug/l  
 RT: 10.841 min Scan# 1493  
 Delta R.T. 0.006 min  
 Lab File: VN075729.D  
 Acq: 12 Dec 2022 21:40

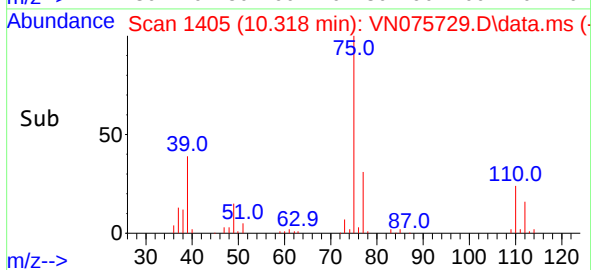
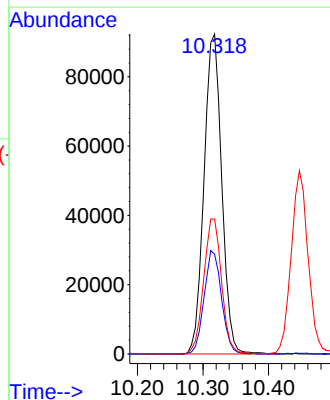
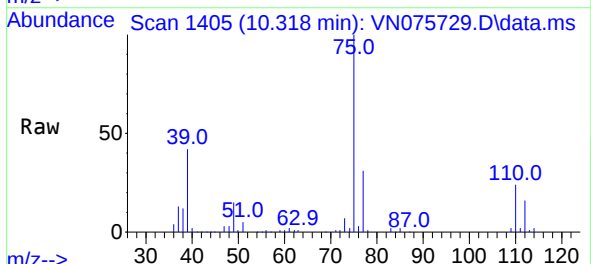
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TOLL-MW-07MSD

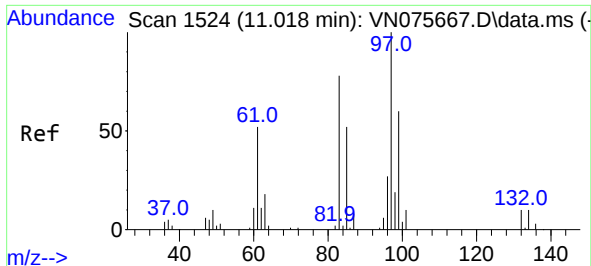
Tgt Ion: 75 Resp: 161811  
 Ion Ratio Lower Upper  
 75 100  
 77 31.6 24.3 36.5



#54  
 cis-1,3-Dichloropropene  
 Concen: 53.050 ug/l  
 RT: 10.318 min Scan# 1405  
 Delta R.T. 0.006 min  
 Lab File: VN075729.D  
 Acq: 12 Dec 2022 21:40

Tgt Ion: 75 Resp: 173759  
 Ion Ratio Lower Upper  
 75 100  
 77 31.2 25.3 37.9  
 39 42.1 32.0 48.0



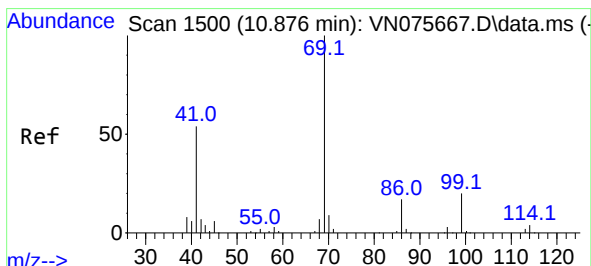
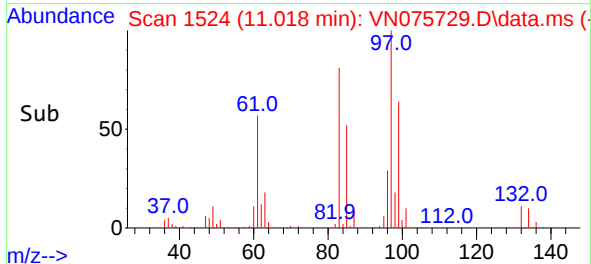
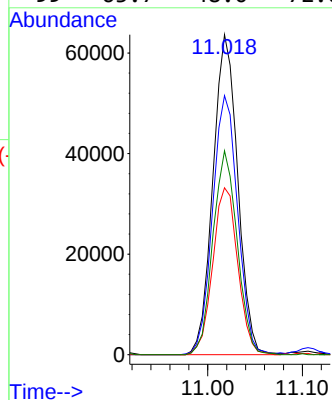
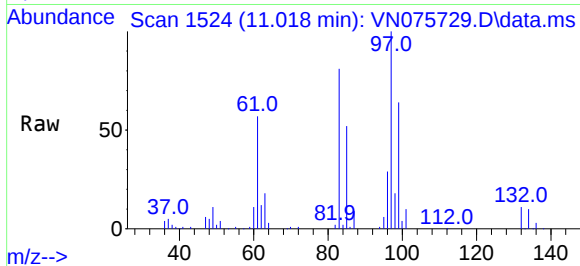


#55  
1,1,2-Trichloroethane  
Concen: 52.287 ug/l  
RT: 11.018 min Scan# 115696  
Delta R.T. 0.000 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
TOLL-MW-07MSD

Tgt Ion: 97 Resp: 115696

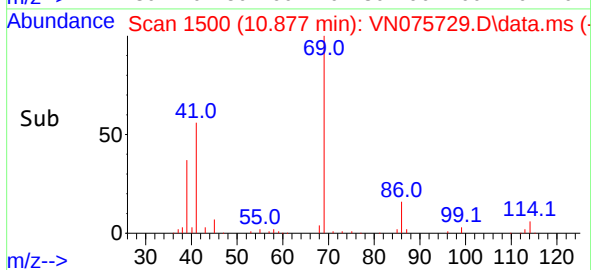
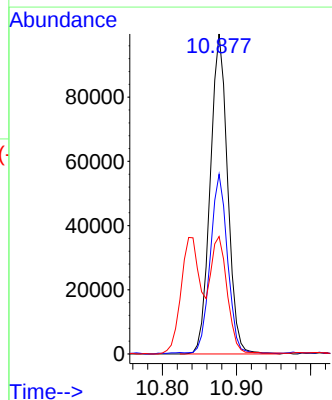
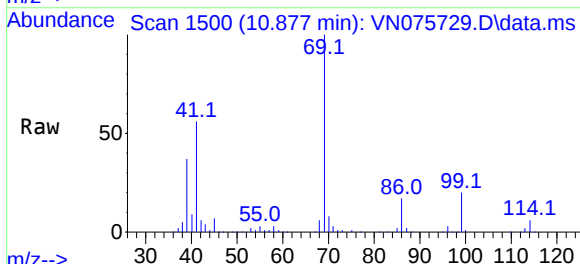
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 80.9  | 62.7  | 94.1  |
| 85  | 52.1  | 41.8  | 62.6  |
| 99  | 63.7  | 48.0  | 72.0  |

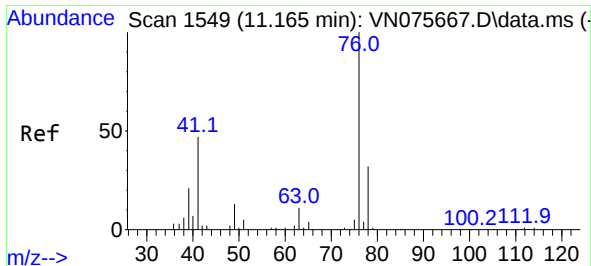


#56  
Ethyl methacrylate  
Concen: 54.084 ug/l  
RT: 10.877 min Scan# 1500  
Delta R.T. 0.000 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

Tgt Ion: 69 Resp: 162155

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 55.5  | 44.1  | 66.1  |
| 39  | 34.2  | 27.7  | 41.5  |





#57

1,3-Dichloropropane

Concen: 51.719 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075729.D

Acq: 12 Dec 2022 21:40

Instrument :

MSVOA\_N

ClientSampleId :

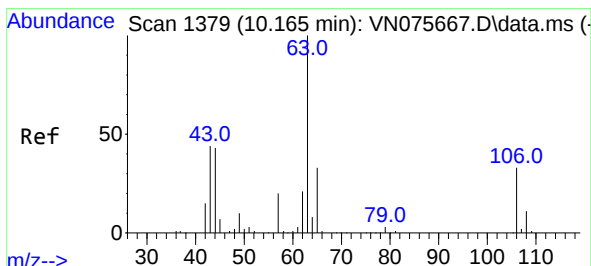
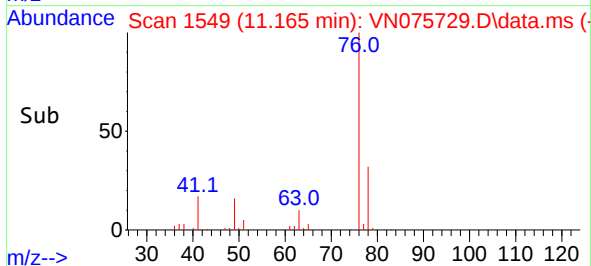
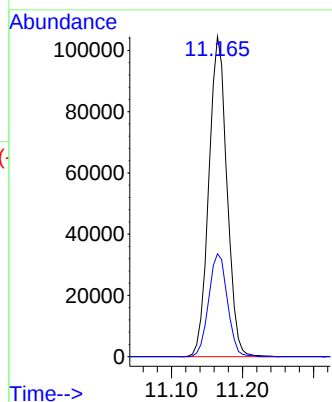
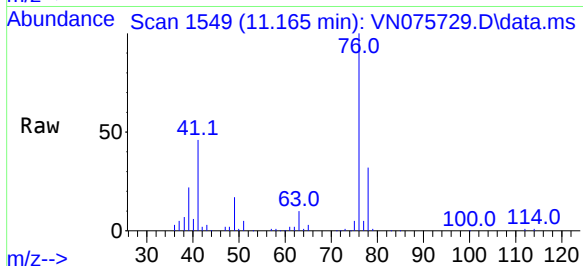
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Tgt Ion: 76 Resp: 184970

Ion Ratio Lower Upper

76 100

78 33.2 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 0.242 ug/l

RT: 10.200 min Scan# 1385

Delta R.T. 0.035 min

Lab File: VN075729.D

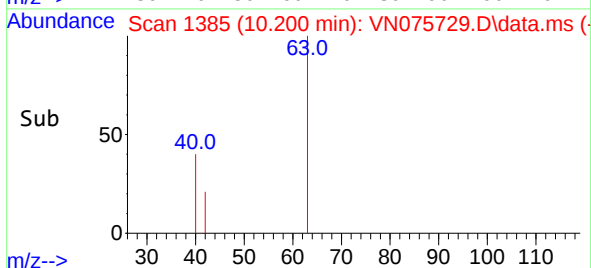
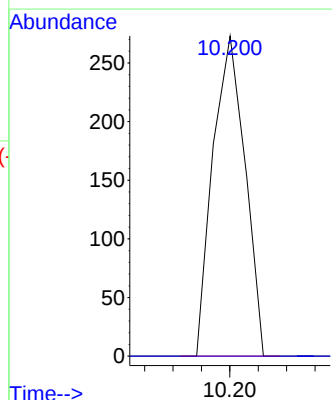
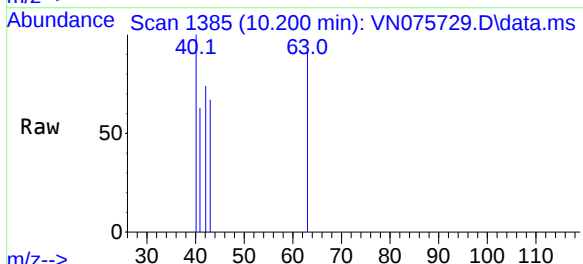
Acq: 12 Dec 2022 21:40

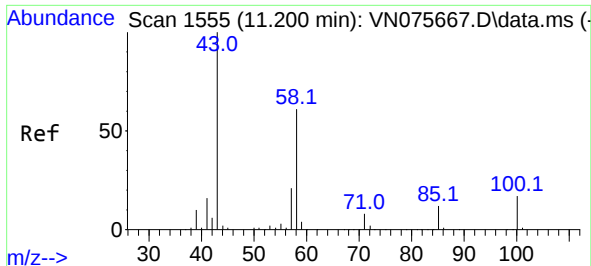
Tgt Ion: 63 Resp: 214

Ion Ratio Lower Upper

63 100

106 0.0 26.6 40.0#

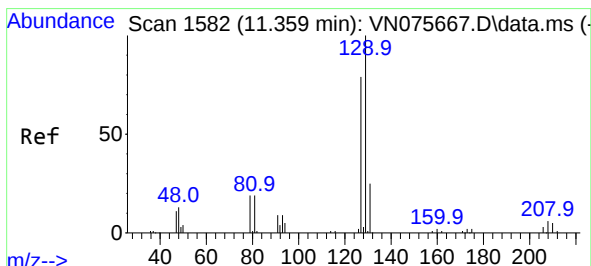
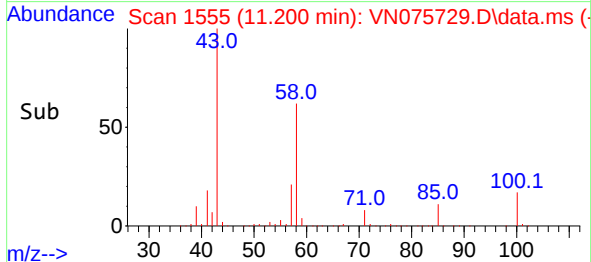
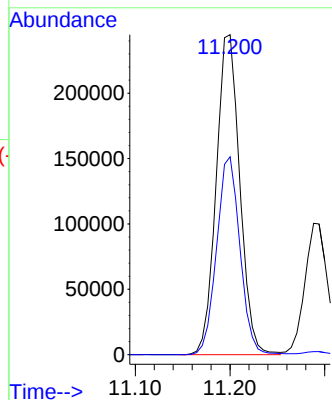
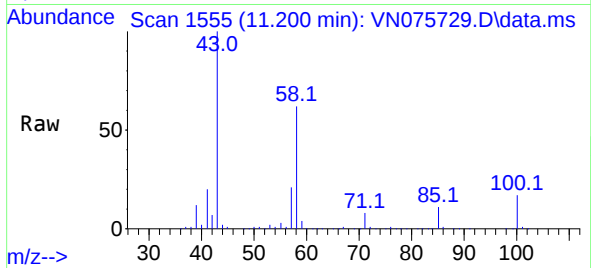




#59  
2-Hexanone  
Concen: 254.835 ug/l  
RT: 11.200 min Scan# 1555  
Delta R.T. 0.000 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

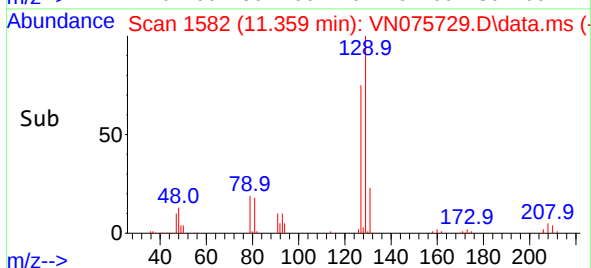
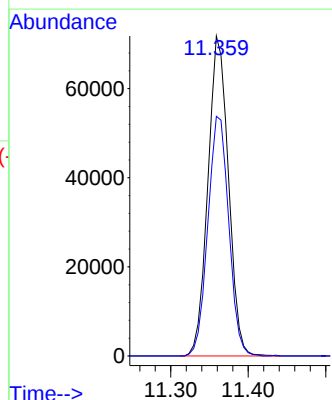
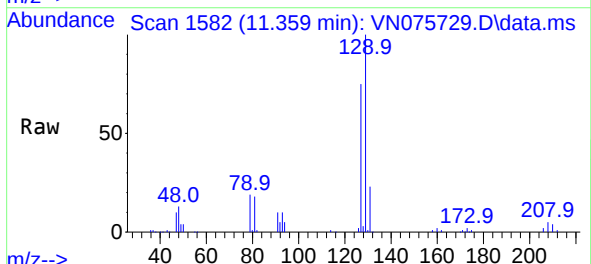
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ClientSampleId :  
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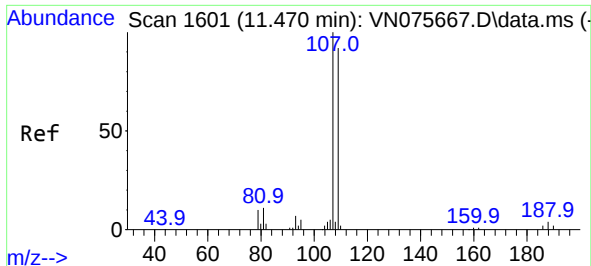
Tgt Ion: 43 Resp: 424530  
Ion Ratio Lower Upper  
43 100  
58 61.0 30.9 92.5



#60  
Dibromochloromethane  
Concen: 54.235 ug/l  
RT: 11.359 min Scan# 1582  
Delta R.T. 0.000 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

Tgt Ion:129 Resp: 132054  
Ion Ratio Lower Upper  
129 100  
127 76.2 38.6 116.0

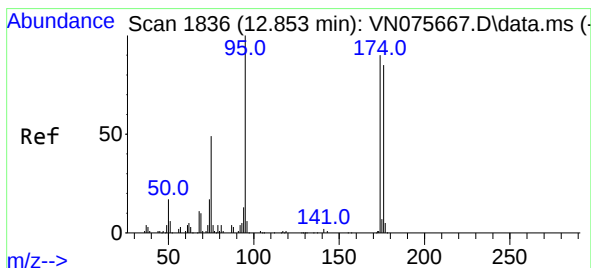
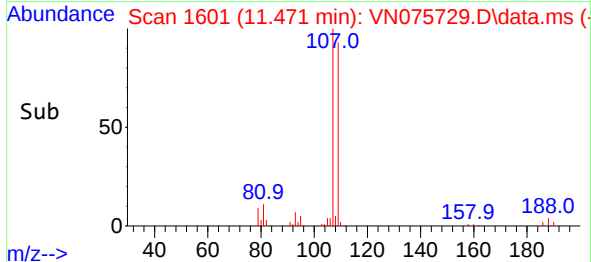
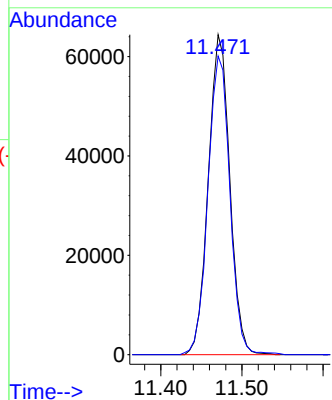
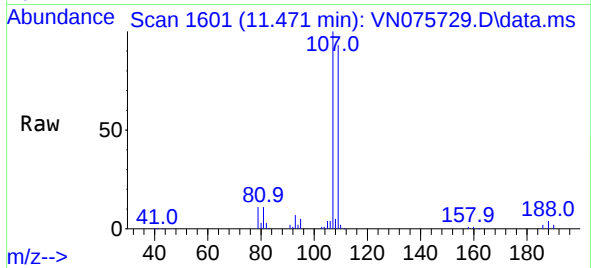




#61  
1,2-Dibromoethane  
Concen: 51.028 ug/l  
RT: 11.471 min Scan# 1601  
Delta R.T. 0.000 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

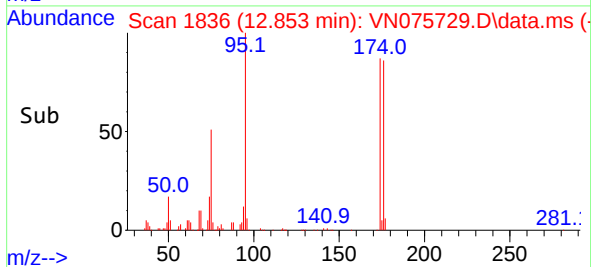
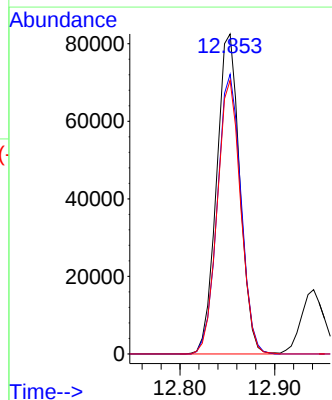
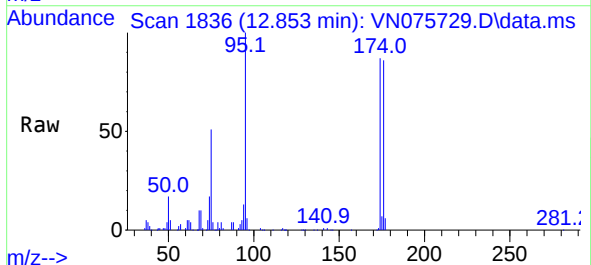
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ClientSampleId :  
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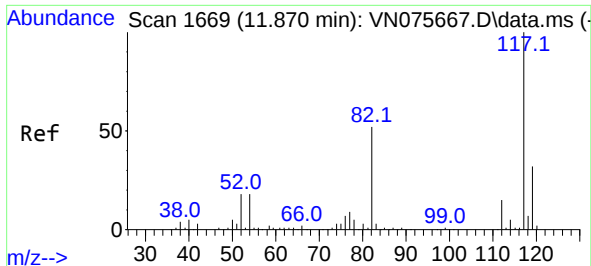
Tgt Ion:107 Resp: 118295  
Ion Ratio Lower Upper  
107 100  
109 95.3 75.4 113.2



#62  
4-Bromofluorobenzene  
Concen: 52.389 ug/l  
RT: 12.853 min Scan# 1836  
Delta R.T. 0.000 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

Tgt Ion: 95 Resp: 140546  
Ion Ratio Lower Upper  
95 100  
174 88.5 0.0 178.6  
176 85.8 0.0 170.8

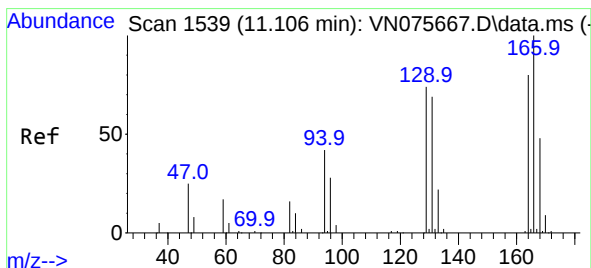
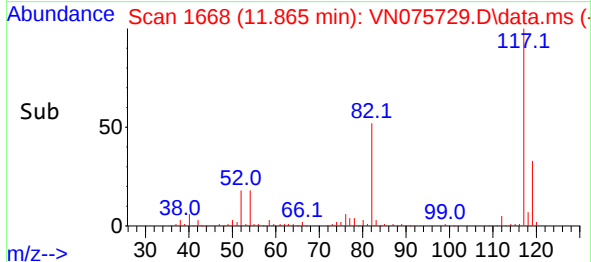
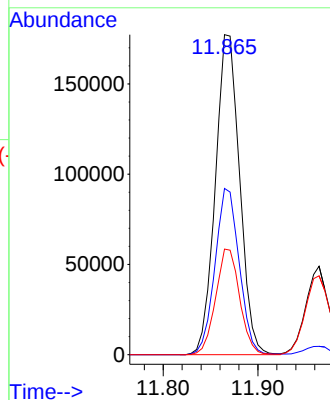
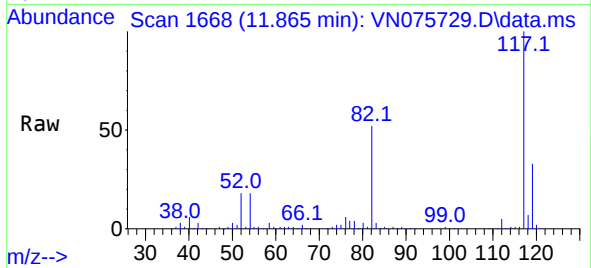




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

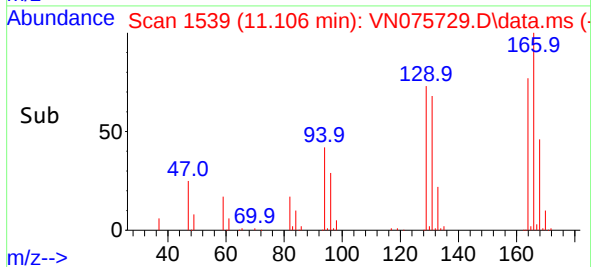
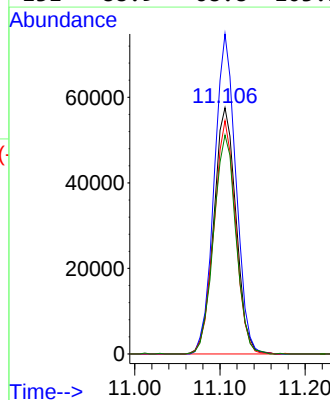
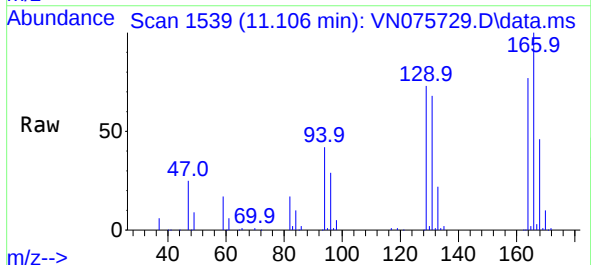
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ClientSampleId :  
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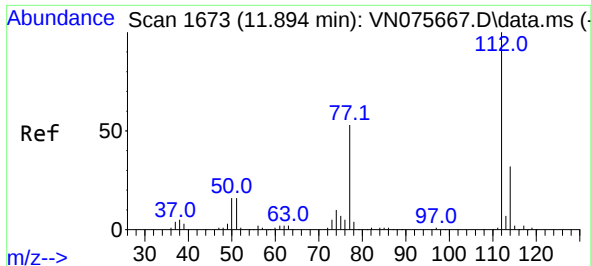
Tgt Ion:117 Resp: 316344  
Ion Ratio Lower Upper  
117 100  
82 51.9 41.8 62.8  
119 33.0 25.8 38.6



#64  
Tetrachloroethene  
Concen: 45.319 ug/l  
RT: 11.106 min Scan# 1539  
Delta R.T. 0.000 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

Tgt Ion:164 Resp: 104426  
Ion Ratio Lower Upper  
164 100  
166 129.9 100.3 150.5  
129 94.7 73.9 110.9  
131 88.9 68.8 103.2

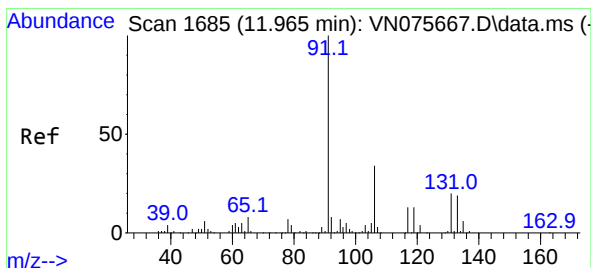
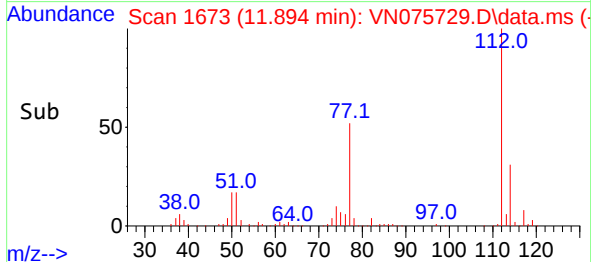
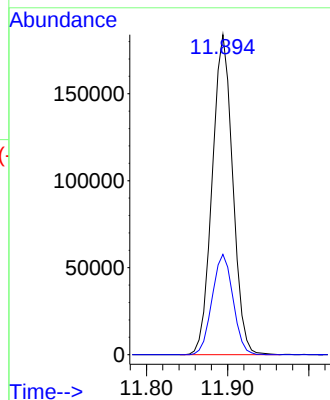
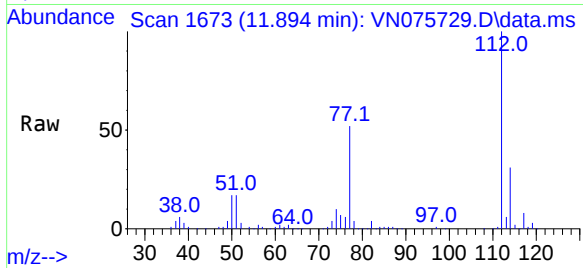




#65  
Chlorobenzene  
Concen: 49.574 ug/l  
RT: 11.894 min Scan# 1673  
Delta R.T. 0.000 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

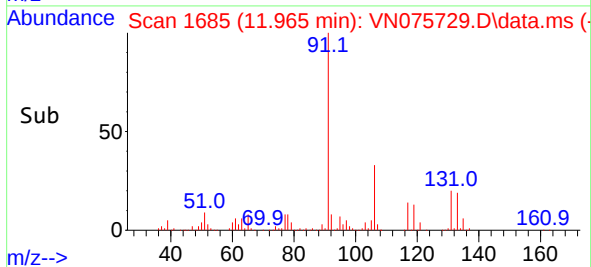
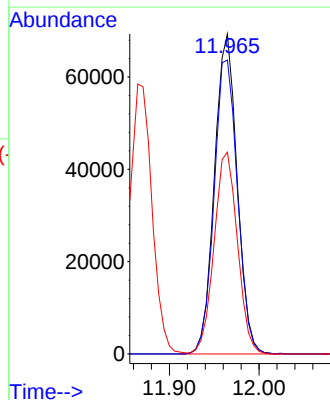
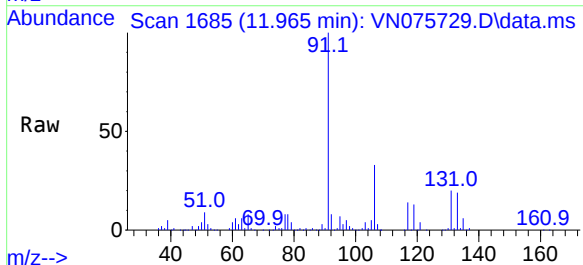
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MSVOA\_N  
ClientSampleId :  
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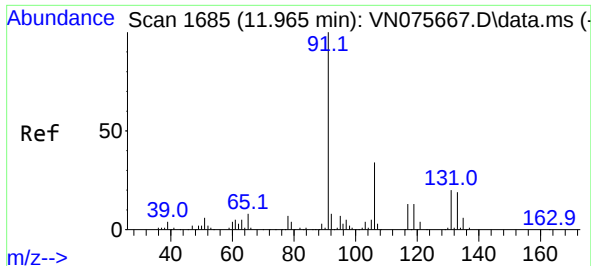
Tgt Ion:112 Resp: 322667  
Ion Ratio Lower Upper  
112 100  
114 31.3 25.5 38.3



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.347 ug/l  
RT: 11.965 min Scan# 1685  
Delta R.T. 0.000 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

Tgt Ion:131 Resp: 121594  
Ion Ratio Lower Upper  
131 100  
133 95.0 47.5 142.6  
119 65.0 32.5 97.4

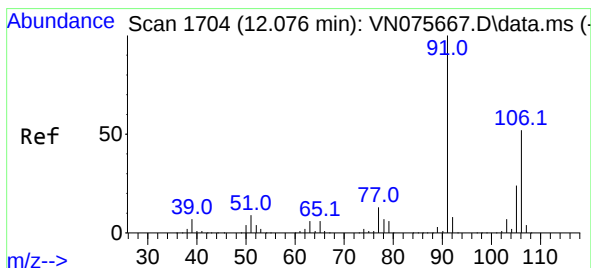
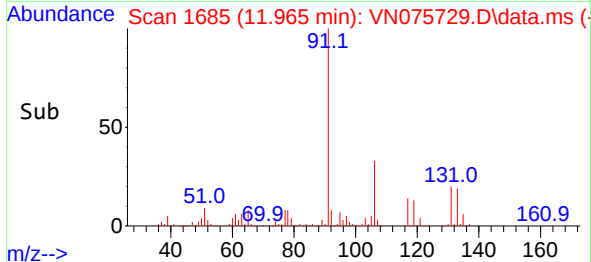
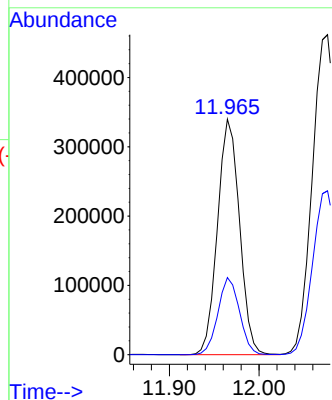
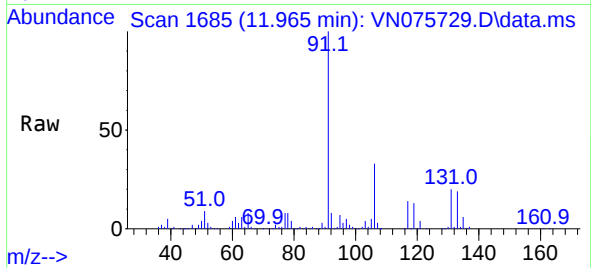




#67  
Ethyl Benzene  
Concen: 52.624 ug/l  
RT: 11.965 min Scan# 1685  
Delta R.T. 0.000 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

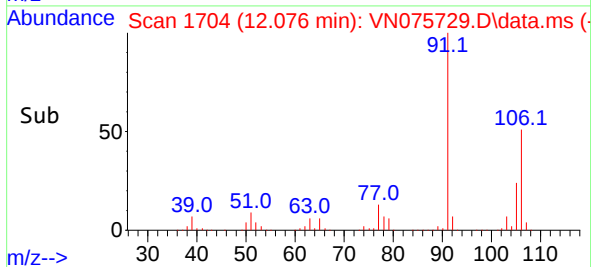
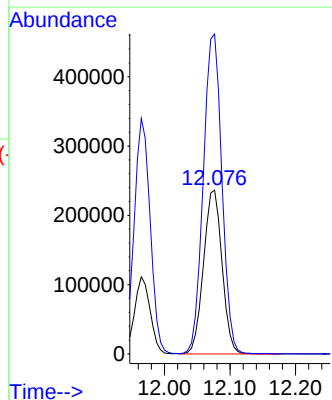
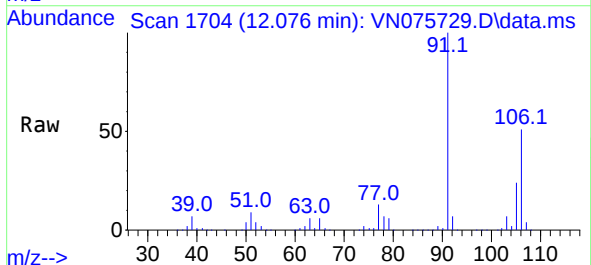
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ClientSampleId :  
TOLL-MW-07MSD

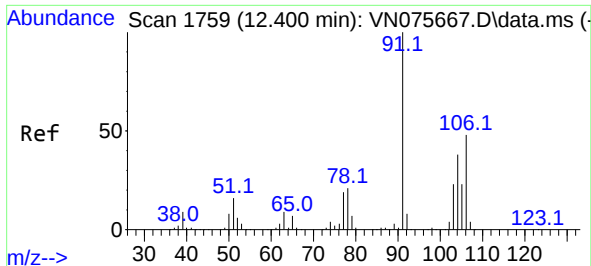
Tgt Ion: 91 Resp: 579441  
Ion Ratio Lower Upper  
91 100  
106 32.8 26.9 40.3



#68  
m/p-Xylenes  
Concen: 104.367 ug/l  
RT: 12.076 min Scan# 1704  
Delta R.T. 0.000 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

Tgt Ion: 106 Resp: 464341  
Ion Ratio Lower Upper  
106 100  
91 195.9 156.2 234.4

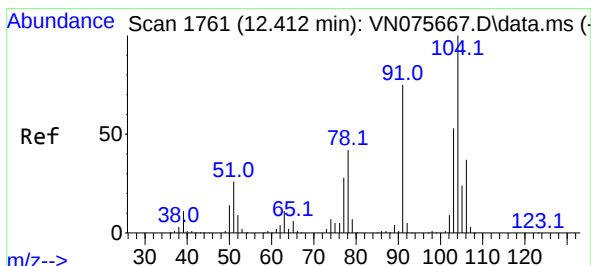
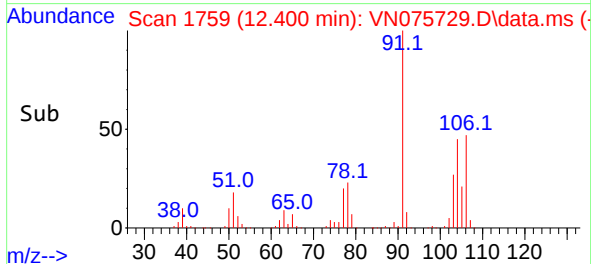
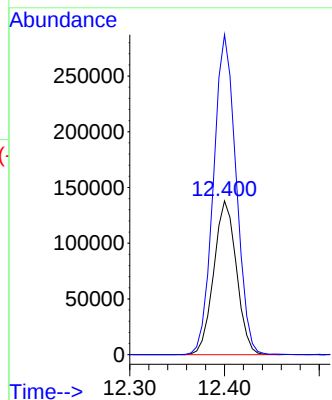
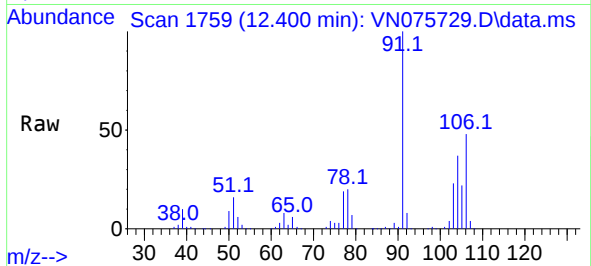




#69  
o-Xylene  
Concen: 53.256 ug/l  
RT: 12.400 min Scan# 1759  
Delta R.T. 0.000 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

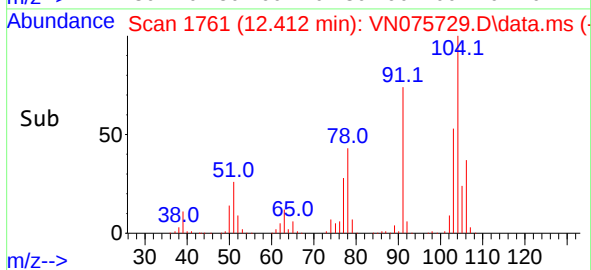
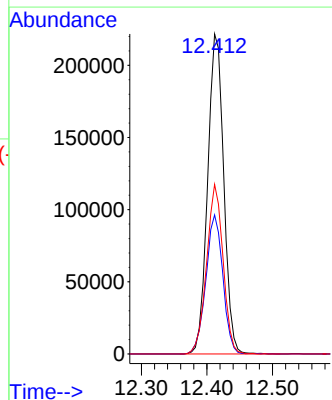
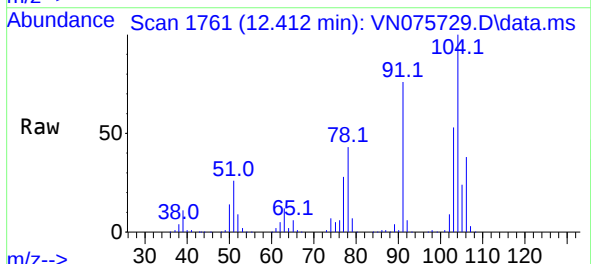
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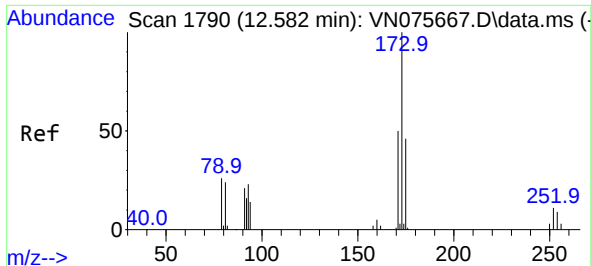
Tgt Ion:106 Resp: 229927  
Ion Ratio Lower Upper  
106 100  
91 208.1 102.8 308.5



#70  
Styrene  
Concen: 54.657 ug/l  
RT: 12.412 min Scan# 1761  
Delta R.T. 0.000 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

Tgt Ion:104 Resp: 378468  
Ion Ratio Lower Upper  
104 100  
78 46.0 36.7 55.1  
103 54.2 44.0 66.0

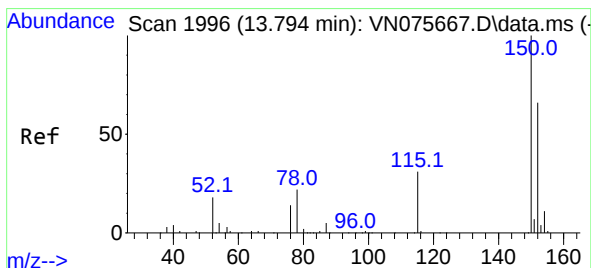
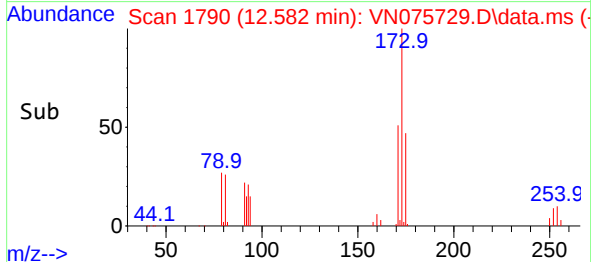
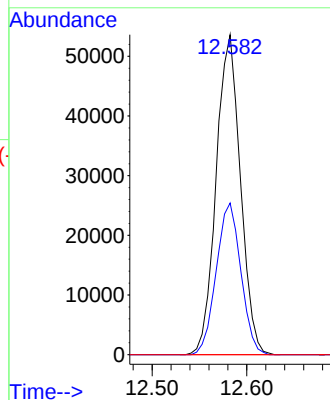
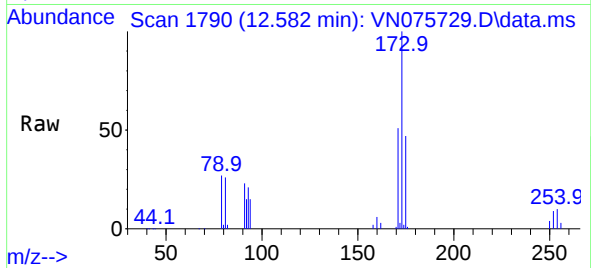




#71  
Bromoform  
Concen: 53.168 ug/l  
RT: 12.582 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

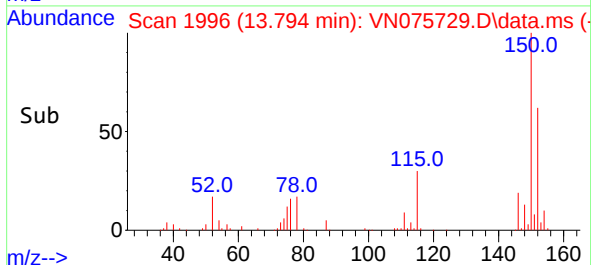
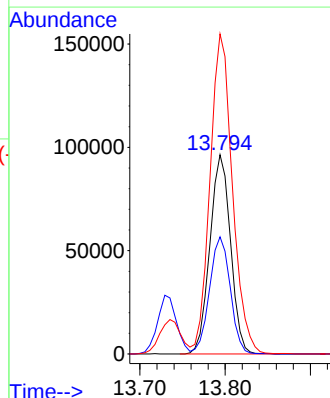
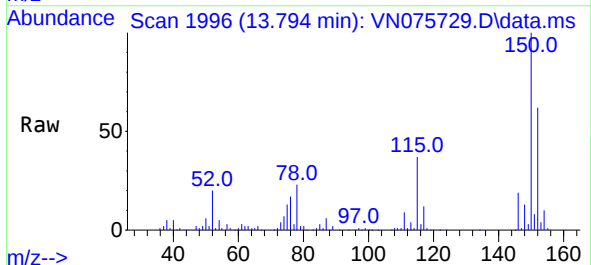
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ClientSampleId :  
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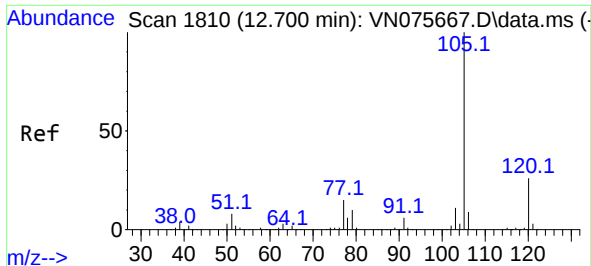
Tgt Ion:173 Resp: 95437  
Ion Ratio Lower Upper  
173 100  
175 48.0 23.8 71.2  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 1996  
Delta R.T. 0.000 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

Tgt Ion:152 Resp: 162265  
Ion Ratio Lower Upper  
152 100  
115 59.0 28.4 85.2  
150 174.4 0.0 347.6

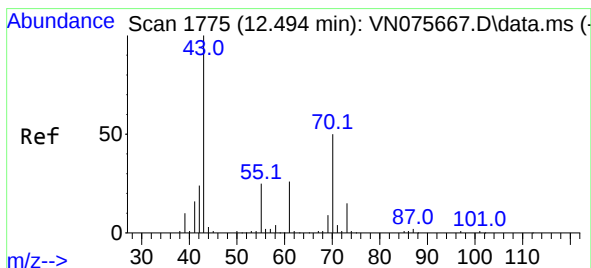
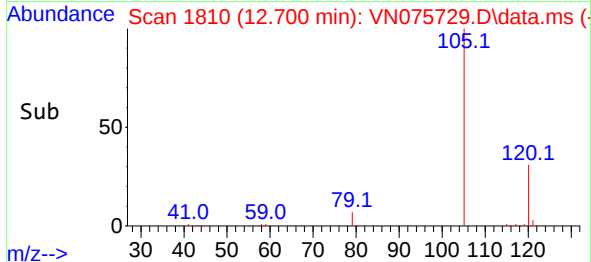
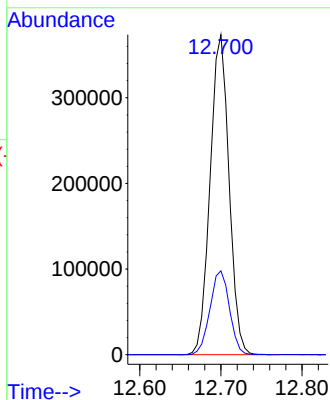
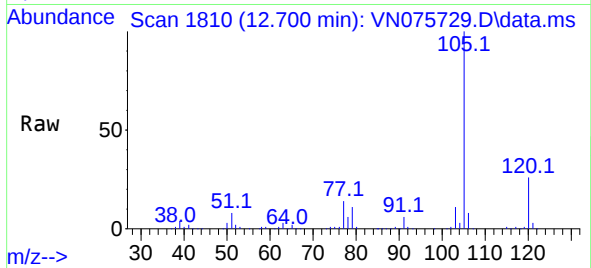




#73  
Isopropylbenzene  
Concen: 51.895 ug/l  
RT: 12.700 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

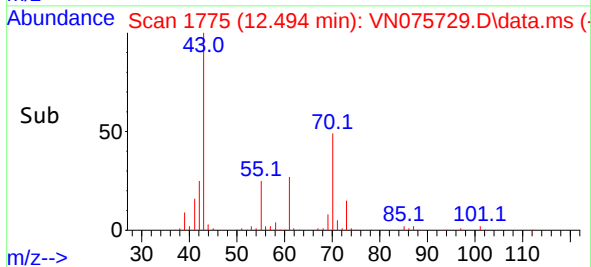
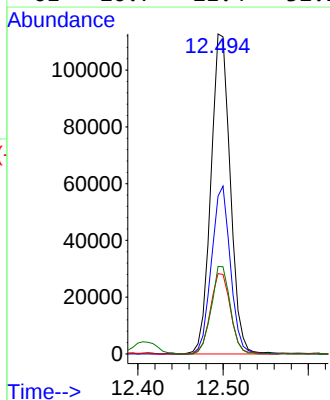
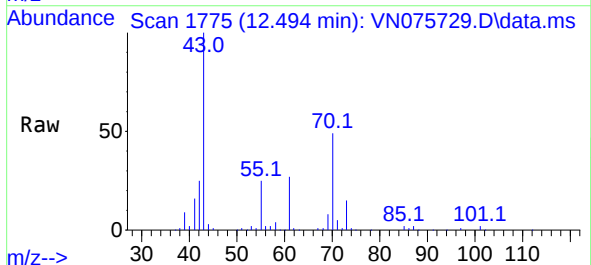
Instrument : MSVOA\_N  
ClientSampleId : TOLL-MW-07MSD

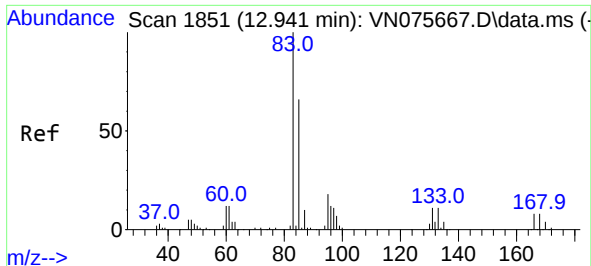
Tgt Ion:105 Resp: 604629  
Ion Ratio Lower Upper  
105 100  
120 27.0 13.4 40.2



#74  
N-ethyl acetate  
Concen: 52.612 ug/l  
RT: 12.494 min Scan# 1775  
Delta R.T. 0.000 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

Tgt Ion: 43 Resp: 178103  
Ion Ratio Lower Upper  
43 100  
70 51.3 41.0 61.6  
55 26.1 20.7 31.1  
61 26.7 21.4 32.2

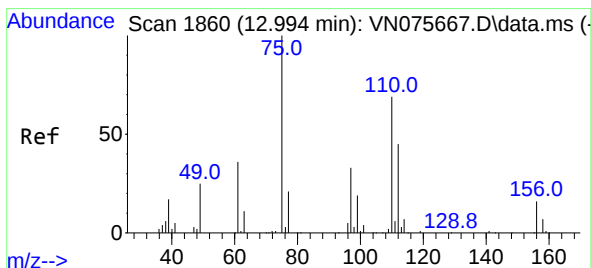
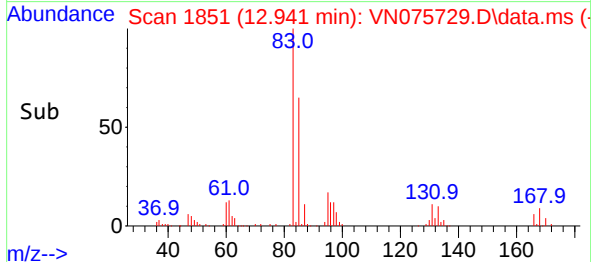
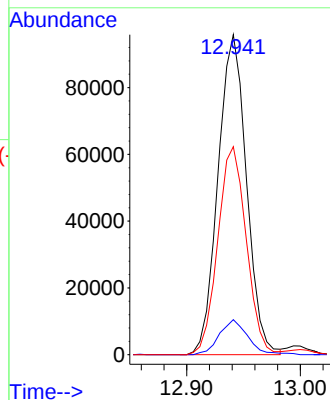
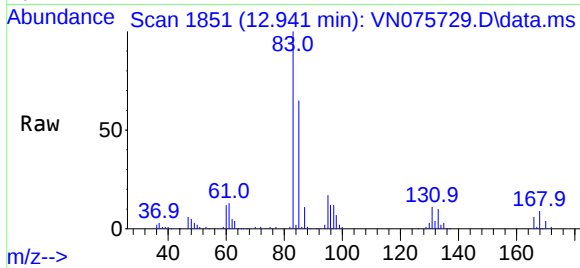




#75  
1,1,2,2-Tetrachloroethane  
Concen: 47.663 ug/l  
RT: 12.941 min Scan# 1851  
Delta R.T. 0.000 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

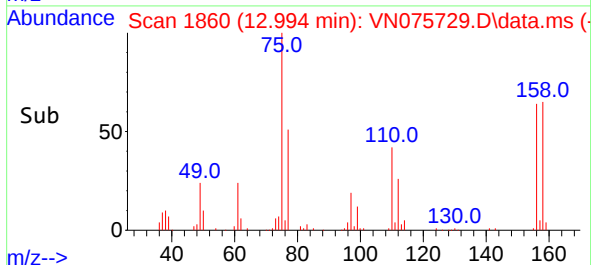
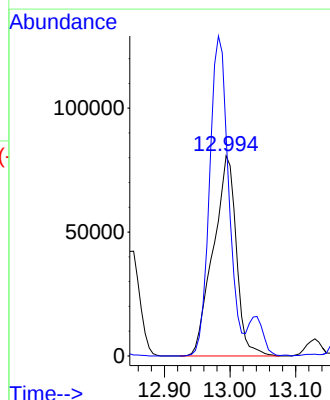
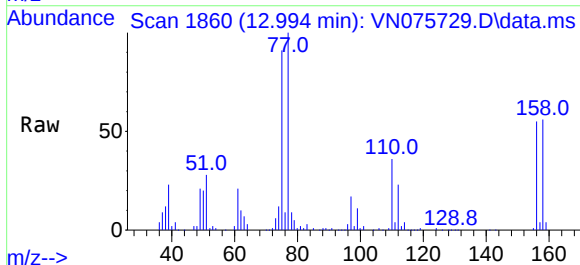
Instrument :  
MSVOA\_N  
ClientSampleId :  
TOLL-MW-07MSD

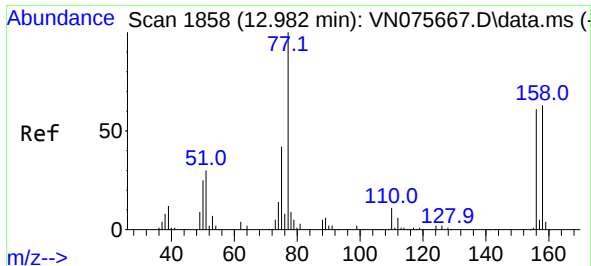
Tgt Ion: 83 Resp: 166815  
Ion Ratio Lower Upper  
83 100  
131 11.0 5.6 16.8  
85 65.1 32.6 97.7



#76  
1,2,3-Trichloropropane  
Concen: 60.577 ug/l  
RT: 12.994 min Scan# 1860  
Delta R.T. 0.000 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

Tgt Ion: 75 Resp: 197402  
Ion Ratio Lower Upper  
75 100  
77 132.5 81.8 245.4

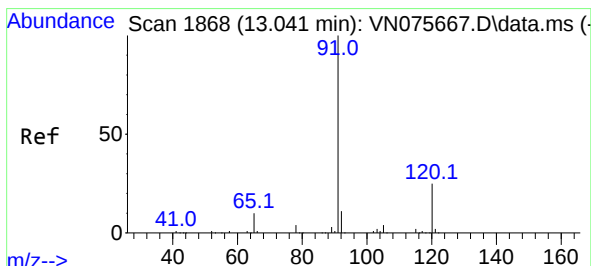
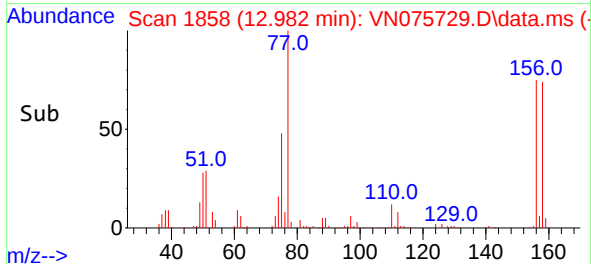
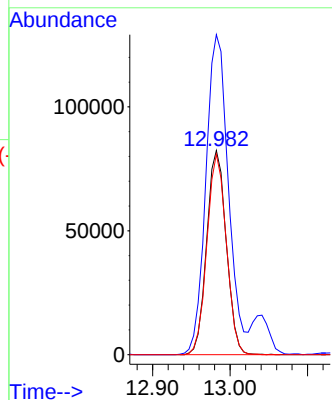
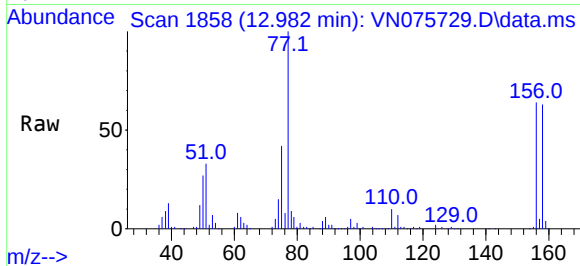




#77  
Bromobenzene  
Concen: 49.281 ug/l  
RT: 12.982 min Scan# 1858  
Delta R.T. 0.000 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

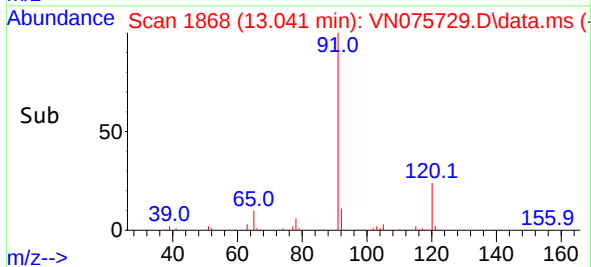
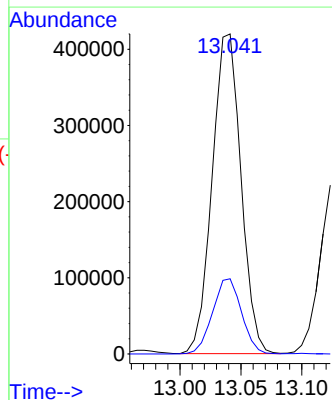
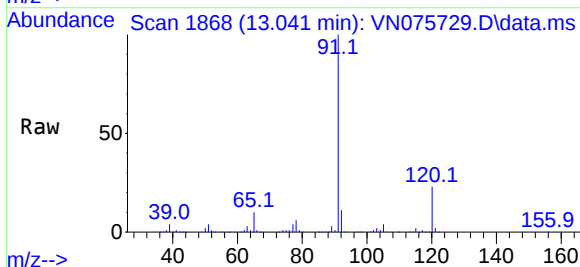
Instrument :  
MSVOA\_N  
ClientSampleId :  
TOLL-MW-07MSD

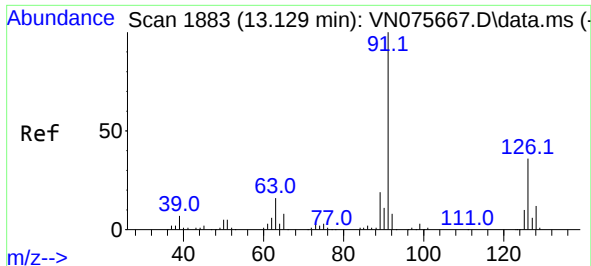
Tgt Ion:156 Resp: 144393  
Ion Ratio Lower Upper  
156 100  
77 181.1 90.8 272.5  
158 97.4 49.3 147.8



#78  
n-propylbenzene  
Concen: 53.465 ug/l  
RT: 13.041 min Scan# 1868  
Delta R.T. 0.000 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

Tgt Ion: 91 Resp: 691218  
Ion Ratio Lower Upper  
91 100  
120 23.7 12.1 36.3

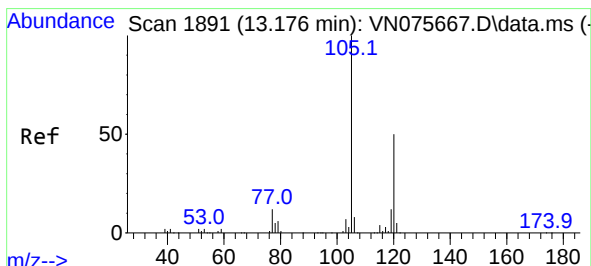
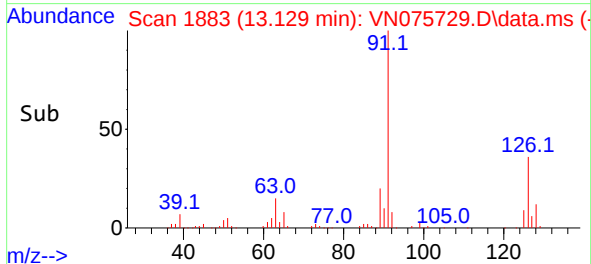
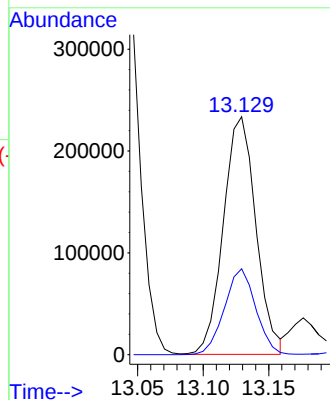
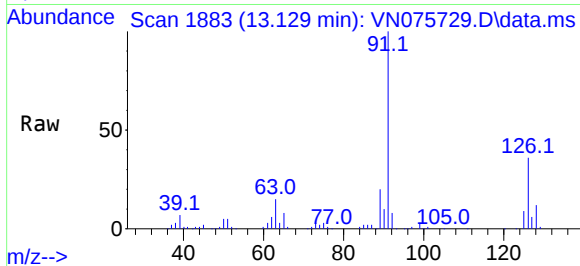




#79  
2-Chlorotoluene  
Concen: 50.542 ug/l  
RT: 13.129 min Scan# 1883  
Delta R.T. 0.000 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

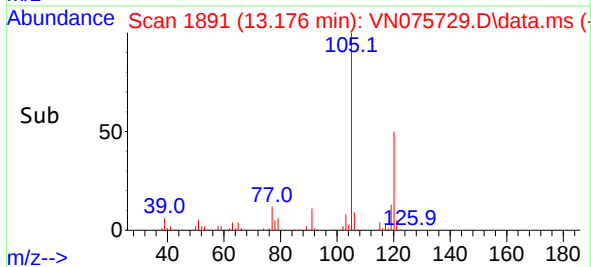
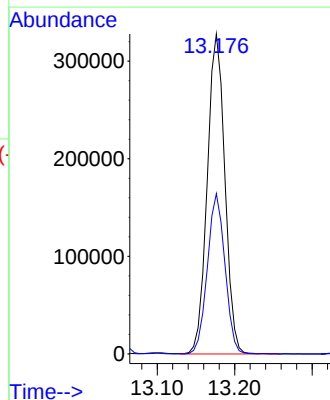
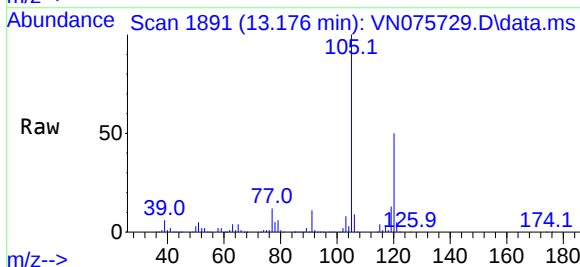
Instrument :  
MSVOA\_N  
ClientSampleId :  
TOLL-MW-07MSD

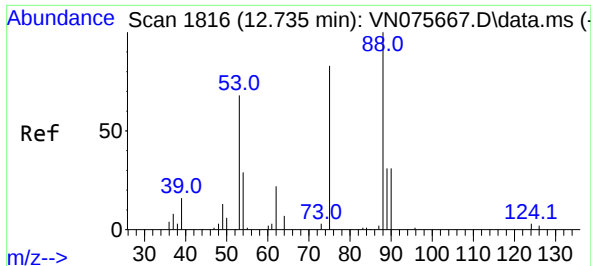
Tgt Ion: 91 Resp: 403409  
Ion Ratio Lower Upper  
91 100  
126 34.8 17.8 53.4



#80  
1,3,5-Trimethylbenzene  
Concen: 53.266 ug/l  
RT: 13.176 min Scan# 1891  
Delta R.T. 0.000 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

Tgt Ion:105 Resp: 518854  
Ion Ratio Lower Upper  
105 100  
120 49.9 24.9 74.6

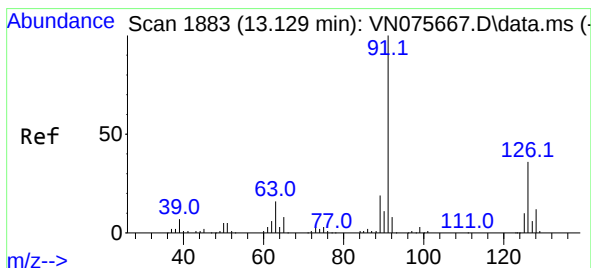
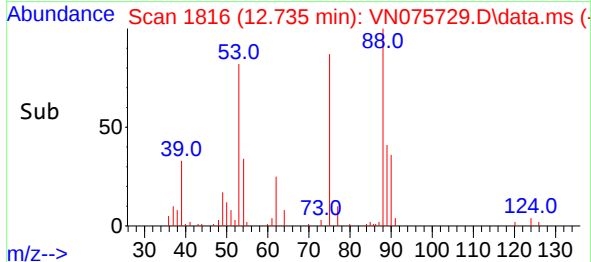
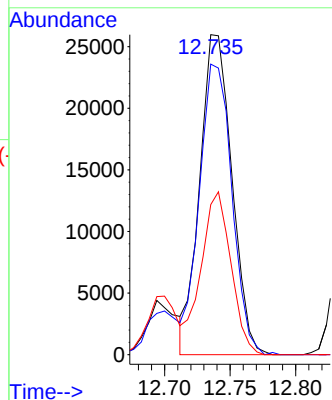
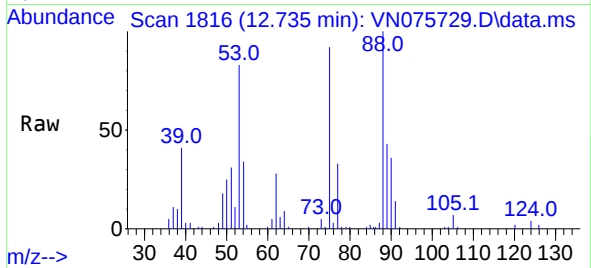




#81  
trans-1,4-Dichloro-2-butene  
Concen: 44.522 ug/l  
RT: 12.735 min Scan# 1816  
Delta R.T. 0.000 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

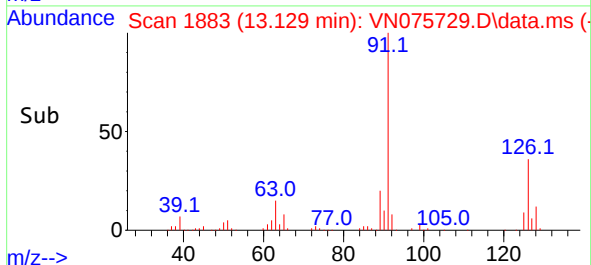
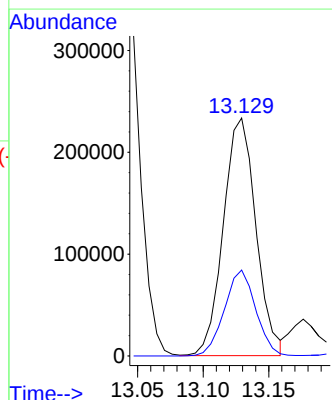
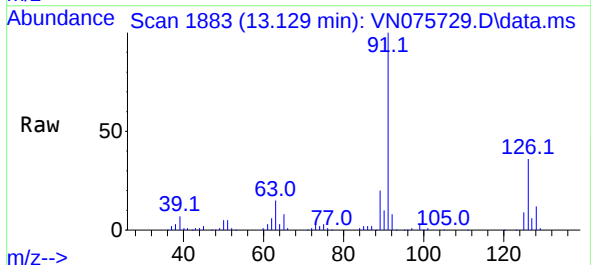
Instrument :  
MSVOA\_N  
ClientSampleId :  
TOLL-MW-07MSD

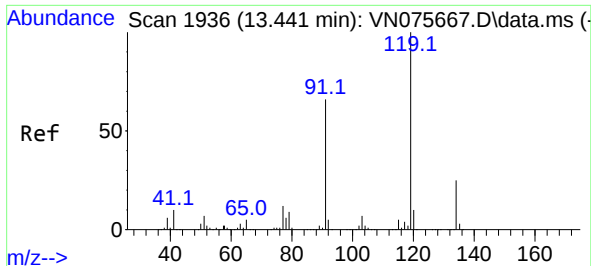
Tgt Ion: 75 Resp: 44219  
Ion Ratio Lower Upper  
75 100  
53 92.3 72.4 108.6  
89 47.8 36.6 55.0



#82  
4-Chlorotoluene  
Concen: 50.542 ug/l  
RT: 13.129 min Scan# 1883  
Delta R.T. 0.000 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

Tgt Ion: 91 Resp: 403409  
Ion Ratio Lower Upper  
91 100  
126 34.8 17.8 53.4

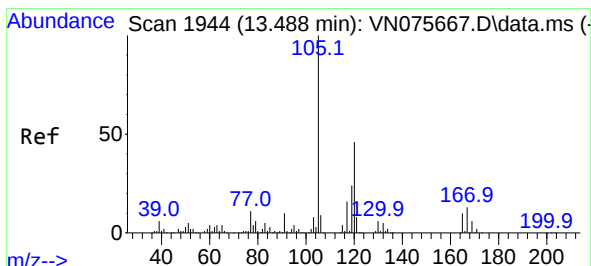
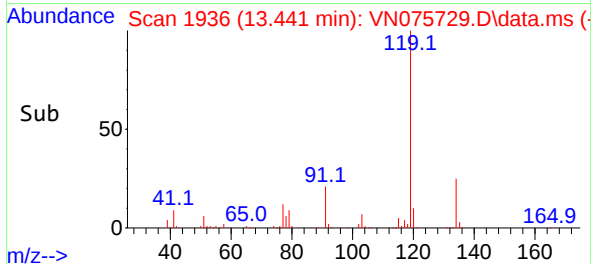
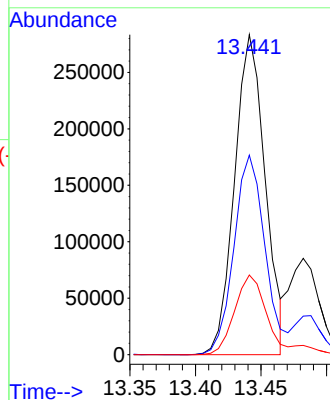
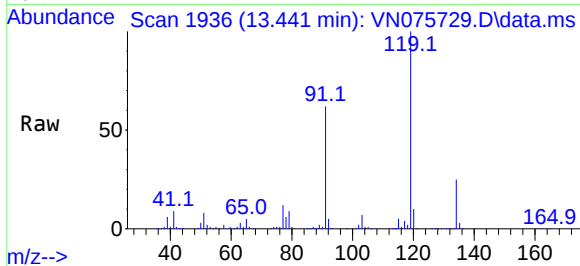




#83  
tert-Butylbenzene  
Concen: 52.180 ug/l  
RT: 13.441 min Scan# 1936  
Delta R.T. 0.000 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

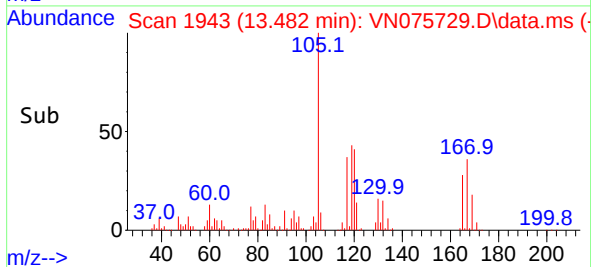
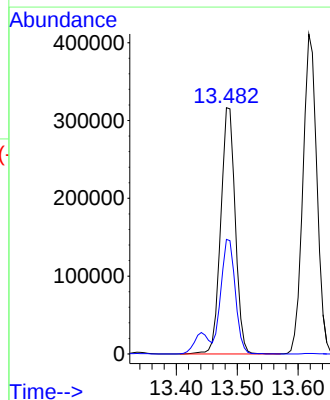
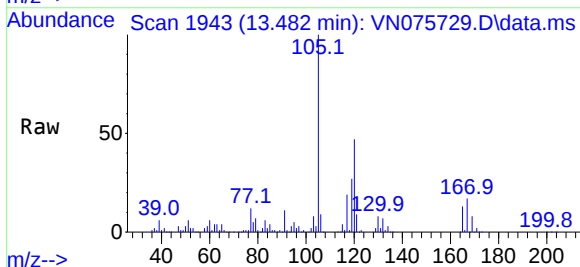
Instrument :  
MSVOA\_N  
ClientSampleId :  
TOLL-MW-07MSD

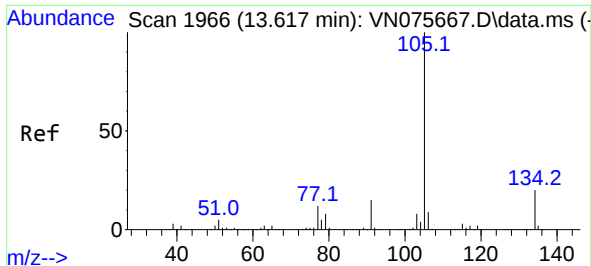
Tgt Ion:119 Resp: 460924  
Ion Ratio Lower Upper  
119 100  
91 63.6 31.9 95.9  
134 27.6 13.9 41.7



#84  
1,2,4-Trimethylbenzene  
Concen: 53.461 ug/l  
RT: 13.482 min Scan# 1943  
Delta R.T. -0.006 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

Tgt Ion:105 Resp: 523390  
Ion Ratio Lower Upper  
105 100  
120 46.0 23.1 69.2

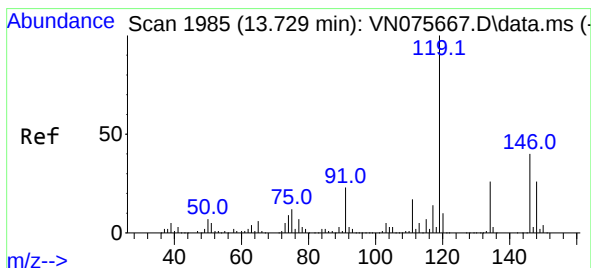
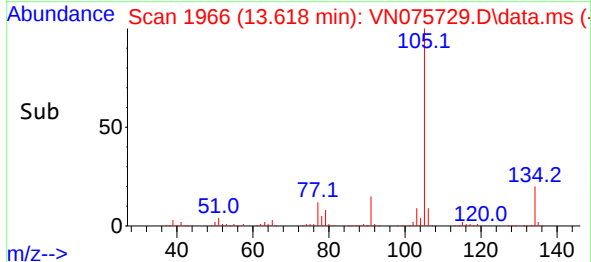
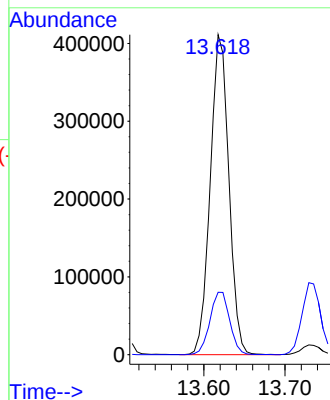
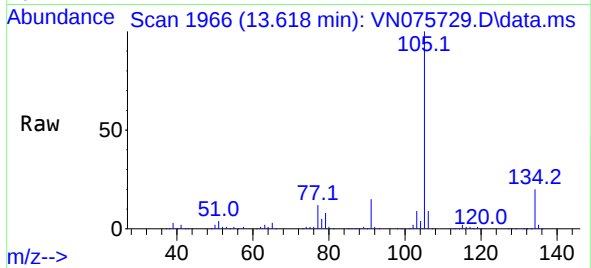




#85  
 sec-Butylbenzene  
 Concen: 53.855 ug/l  
 RT: 13.618 min Scan# 1966  
 Delta R.T. 0.000 min  
 Lab File: VN075729.D  
 Acq: 12 Dec 2022 21:40

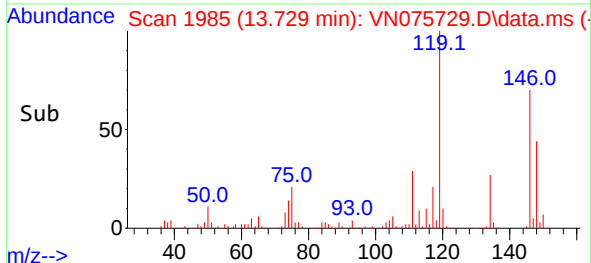
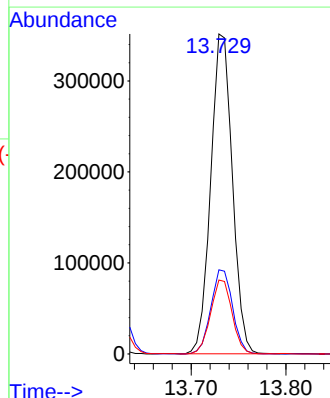
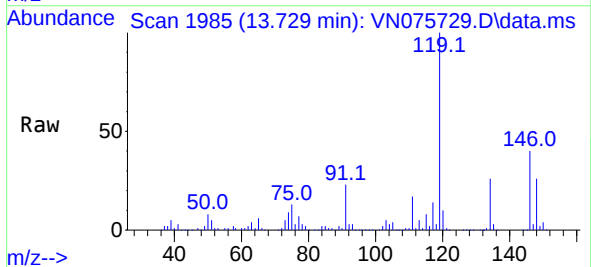
Instrument :  
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 ClientSampleId :  
 TOLL-MW-07MSD

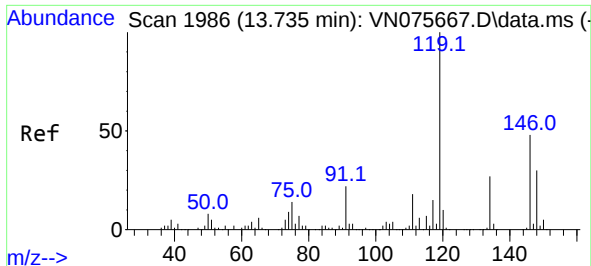
Tgt Ion:105 Resp: 654002  
 Ion Ratio Lower Upper  
 105 100  
 134 20.7 10.2 30.6



#86  
 p-Isopropyltoluene  
 Concen: 54.789 ug/l  
 RT: 13.729 min Scan# 1985  
 Delta R.T. 0.000 min  
 Lab File: VN075729.D  
 Acq: 12 Dec 2022 21:40

Tgt Ion:119 Resp: 556706  
 Ion Ratio Lower Upper  
 119 100  
 134 26.4 13.3 39.9  
 91 23.0 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 50.442 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075729.D

Acq: 12 Dec 2022 21:40

Instrument :

MSVOA\_N

ClientSampleId :

TOLL-MW-07MSD

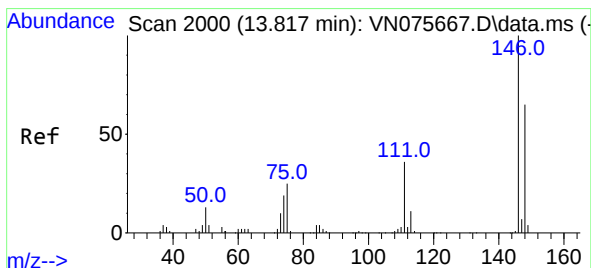
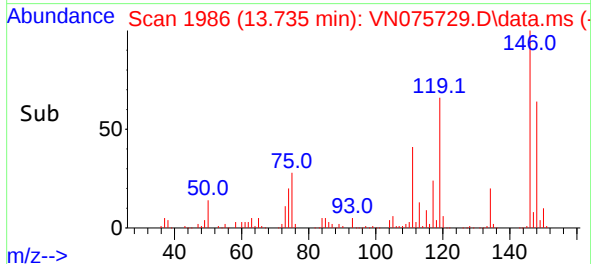
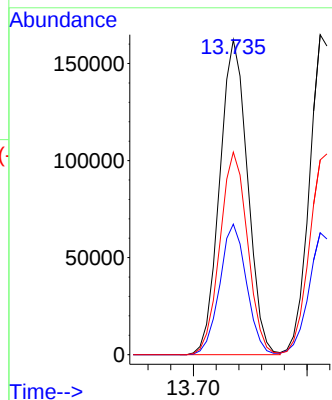
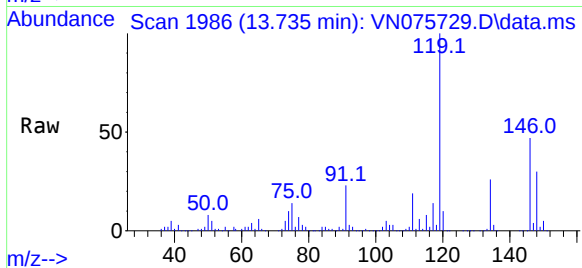
Tgt Ion:146 Resp: 276395

Ion Ratio Lower Upper

146 100

111 39.9 19.8 59.3

148 63.9 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 49.657 ug/l

RT: 13.812 min Scan# 1999

Delta R.T. -0.006 min

Lab File: VN075729.D

Acq: 12 Dec 2022 21:40

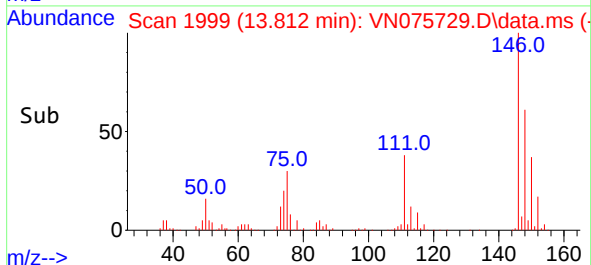
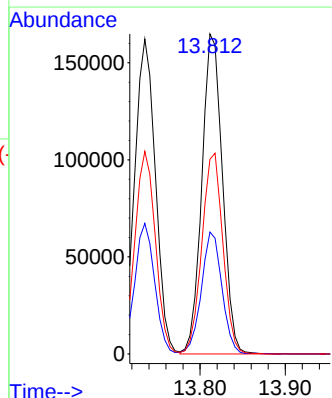
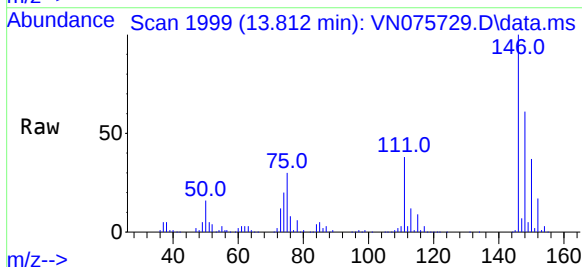
Tgt Ion:146 Resp: 276764

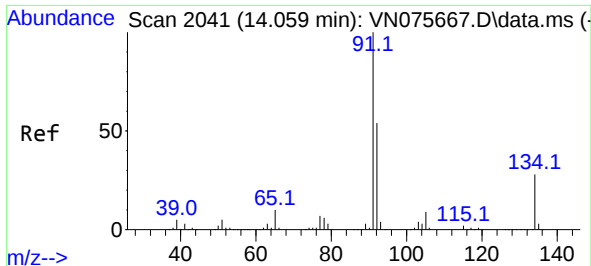
Ion Ratio Lower Upper

146 100

111 38.3 19.1 57.1

148 64.1 32.1 96.3

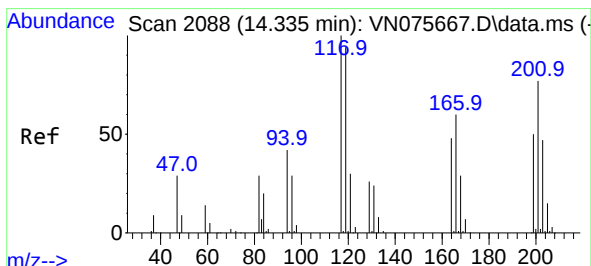
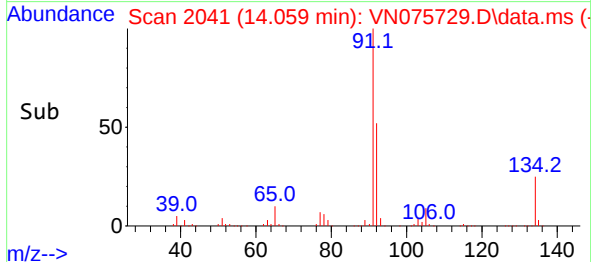
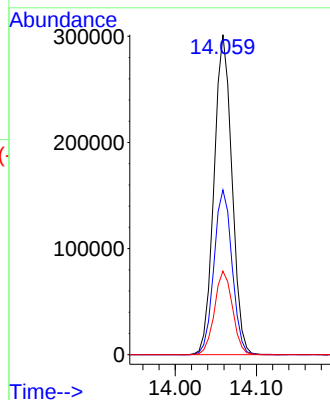
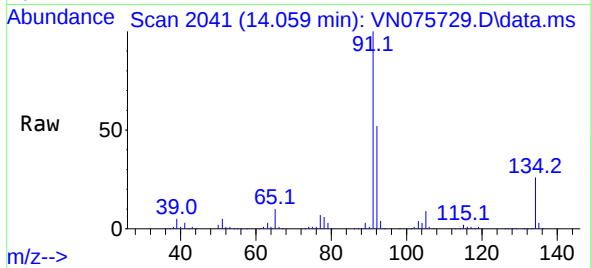




#89  
n-Butylbenzene  
Concen: 56.812 ug/l  
RT: 14.059 min Scan# 2041  
Delta R.T. 0.000 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

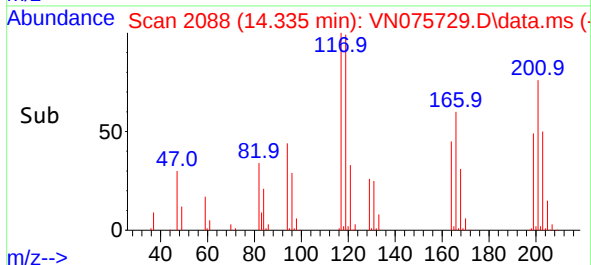
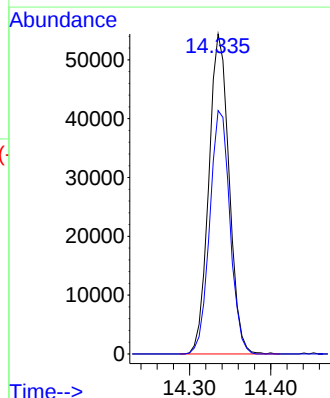
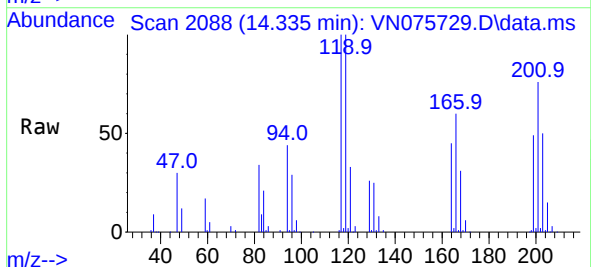
Instrument :  
MSVOA\_N  
ClientSampleId :  
TOLL-MW-07MSD

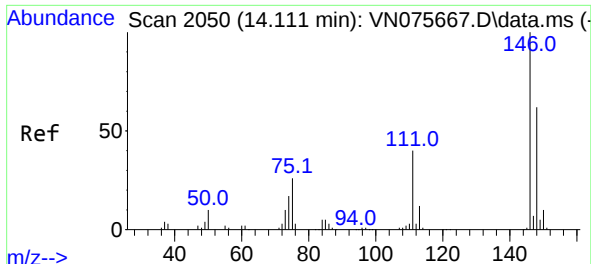
Tgt Ion: 91 Resp: 462673  
Ion Ratio Lower Upper  
91 100  
92 52.0 26.7 80.1  
134 26.3 13.9 41.7



#90  
Hexachloroethane  
Concen: 54.265 ug/l  
RT: 14.335 min Scan# 2088  
Delta R.T. 0.000 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

Tgt Ion: 117 Resp: 94445  
Ion Ratio Lower Upper  
117 100  
201 75.8 39.2 117.6

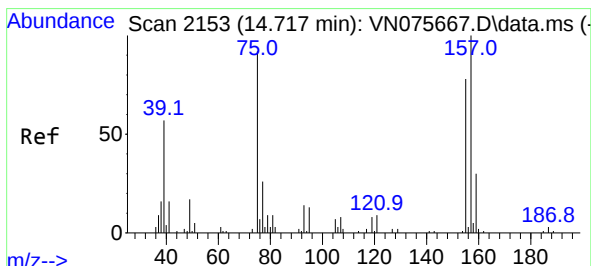
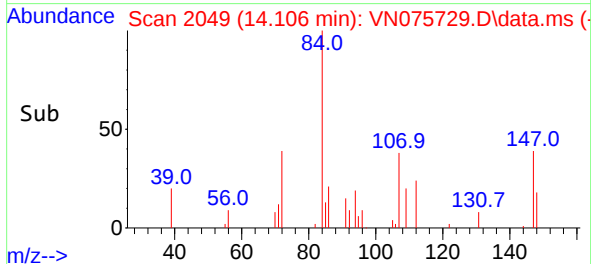
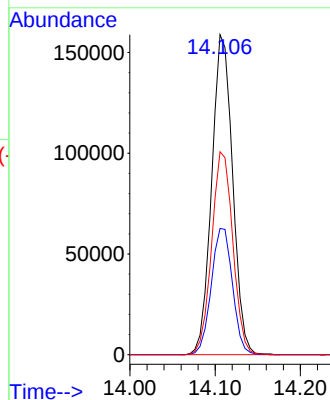
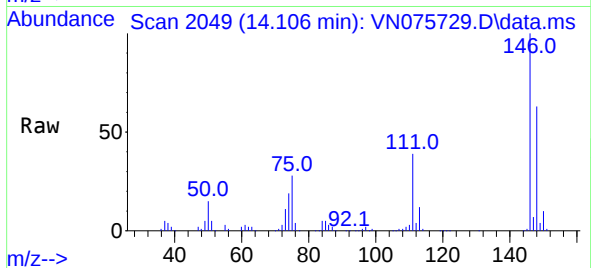




#91  
1,2-Dichlorobenzene  
Concen: 49.715 ug/l  
RT: 14.106 min Scan# 2050  
Delta R.T. -0.006 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

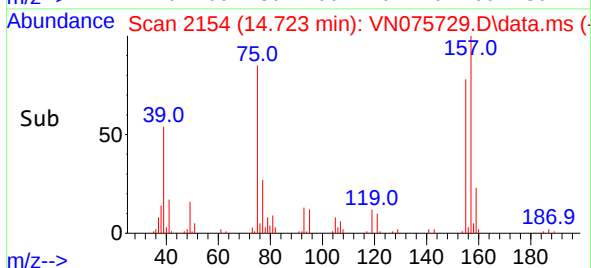
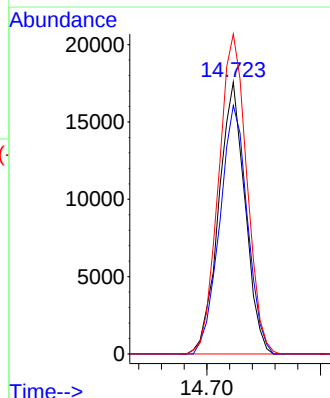
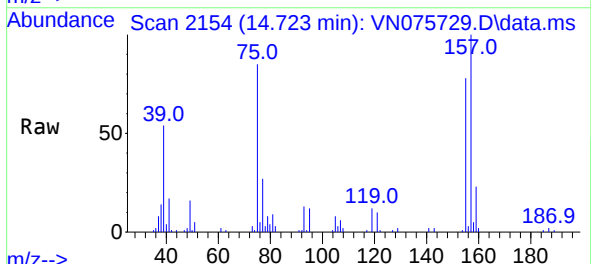
Instrument :  
MSVOA\_N  
ClientSampleId :  
TOLL-MW-07MSD

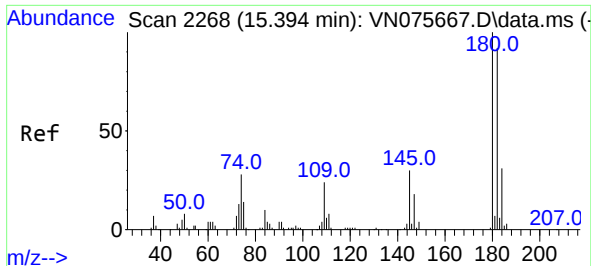
Tgt Ion:146 Resp: 271070  
Ion Ratio Lower Upper  
146 100  
111 40.0 20.1 60.3  
148 64.2 31.9 95.5



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 49.351 ug/l  
RT: 14.723 min Scan# 2154  
Delta R.T. 0.006 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

Tgt Ion: 75 Resp: 28382  
Ion Ratio Lower Upper  
75 100  
155 95.5 48.4 145.2  
157 125.4 63.5 190.6

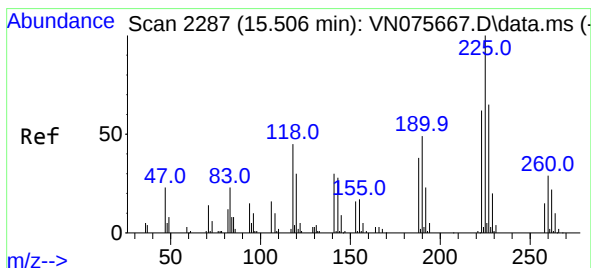
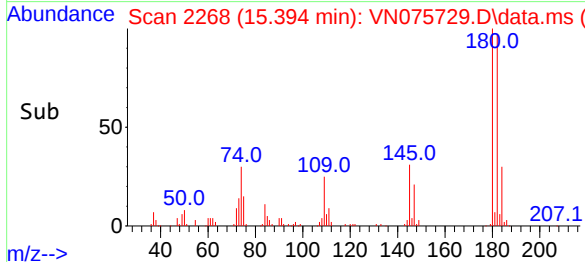
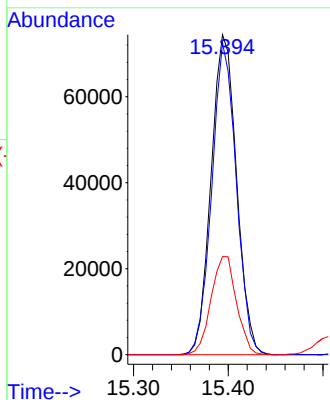
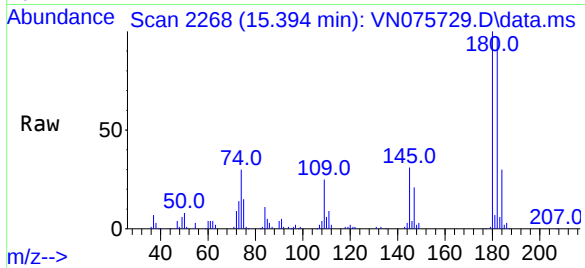




#93  
1,2,4-Trichlorobenzene  
Concen: 53.019 ug/l  
RT: 15.394 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

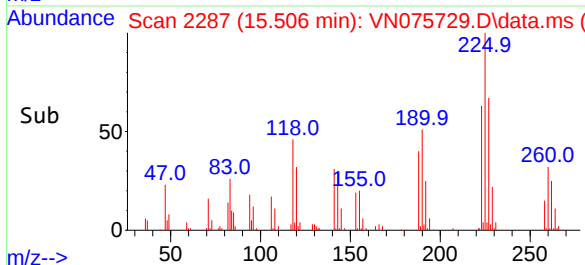
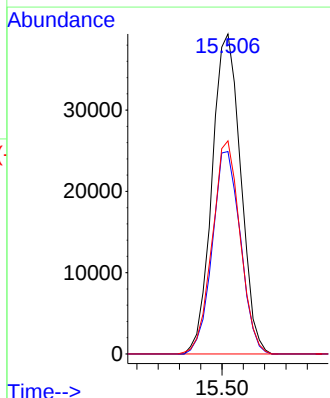
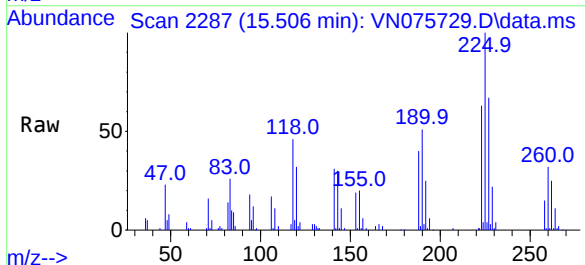
Instrument :  
MSVOA\_N  
ClientSampleId :  
TOLL-MW-07MSD

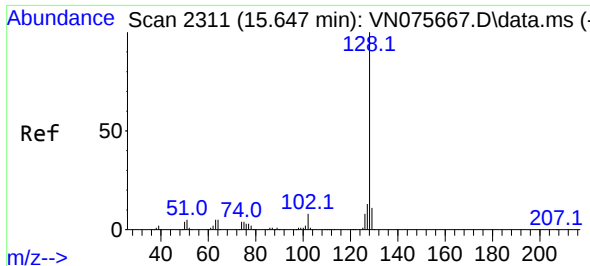
Tgt Ion:180 Resp: 138791  
Ion Ratio Lower Upper  
180 100  
182 93.8 47.1 141.3  
145 30.7 15.2 45.5



#94  
Hexachlorobutadiene  
Concen: 49.388 ug/l  
RT: 15.506 min Scan# 2287  
Delta R.T. 0.000 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

Tgt Ion:225 Resp: 73353  
Ion Ratio Lower Upper  
225 100  
223 62.1 31.4 94.2  
227 64.9 31.3 93.9

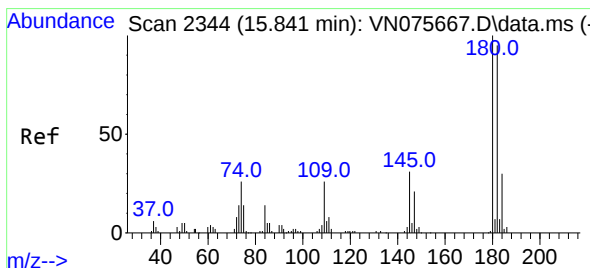
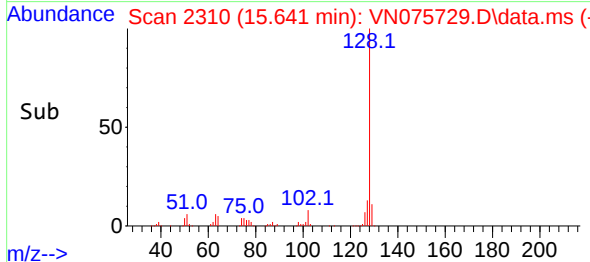
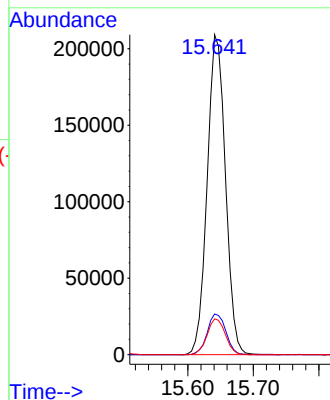
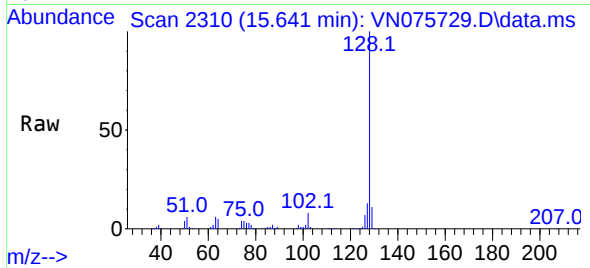




#95  
Naphthalene  
Concen: 52.359 ug/l  
RT: 15.641 min Scan# 2311  
Delta R.T. -0.006 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
TOLL-MW-07MSD

Tgt Ion:128 Resp: 405100  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.2 15.4  
129 11.2 8.4 12.6



#96  
1,2,3-Trichlorobenzene  
Concen: 51.960 ug/l  
RT: 15.847 min Scan# 2345  
Delta R.T. 0.006 min  
Lab File: VN075729.D  
Acq: 12 Dec 2022 21:40

Tgt Ion:180 Resp: 133653  
Ion Ratio Lower Upper  
180 100  
182 94.8 46.8 140.4  
145 32.2 15.6 46.8

