

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN010923\  
 Data File : VN076148.D  
 Acq On : 09 Jan 2023 11:54  
 Operator : JC\MD  
 Sample : VN0109WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0109WBS01

Quant Time: Jan 10 01:03:04 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121422W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 14 13:03:41 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 8.230  | 168   | 277256   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.106  | 114   | 448881   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.871 | 117   | 399965   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.794 | 152   | 187284   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.583  | 65    | 141841   | 47.025   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | =      | 94.060%  |
| 35) Dibromofluoromethane     | 8.171  | 113   | 129858   | 46.714   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 93.420%  |
| 50) Toluene-d8               | 10.571 | 98    | 477586   | 45.950   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | =      | 91.900%  |
| 62) 4-Bromofluorobenzene     | 12.847 | 95    | 160377   | 46.588   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 93.180%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.142  | 85    | 51075    | 25.945   | ug/l   | 99       |
| 3) Chloromethane             | 2.371  | 50    | 53075    | 21.682   | ug/l   | 96       |
| 4) Vinyl Chloride            | 2.530  | 62    | 63505    | 21.748   | ug/l   | 97       |
| 5) Bromomethane              | 2.965  | 94    | 49033    | 19.758   | ug/l   | 97       |
| 6) Chloroethane              | 3.130  | 64    | 43968    | 20.333   | ug/l   | 95       |
| 7) Trichlorofluoromethane    | 3.512  | 101   | 84683    | 19.112   | ug/l   | 97       |
| 8) Diethyl Ether             | 3.977  | 74    | 30050    | 18.569   | ug/l   | 99       |
| 9) 1,1,2-Trichlorotrifluo... | 4.383  | 101   | 50088    | 19.797   | ug/l   | 98       |
| 10) Methyl Iodide            | 4.606  | 142   | 69813    | 17.002   | ug/l   | 96       |
| 11) Tert butyl alcohol       | 5.536  | 59    | 34088    | 79.869   | ug/l   | 99       |
| 12) 1,1-Dichloroethene       | 4.348  | 96    | 46017    | 18.727   | ug/l   | 91       |
| 13) Acrolein                 | 4.189  | 56    | 58394    | 111.600  | ug/l   | 97       |
| 14) Allyl chloride           | 5.042  | 41    | 54018    | 18.805   | ug/l   | 91       |
| 15) Acrylonitrile            | 5.730  | 53    | 111020   | 95.319   | ug/l   | 99       |
| 16) Acetone                  | 4.442  | 43    | 107919   | 103.791  | ug/l   | 94       |
| 17) Carbon Disulfide         | 4.730  | 76    | 116158   | 19.524   | ug/l # | 95       |
| 18) Methyl Acetate           | 5.047  | 43    | 61008    | 19.850   | ug/l   | 98       |
| 19) Methyl tert-butyl Ether  | 5.812  | 73    | 156880   | 19.387   | ug/l   | 97       |
| 20) Methylene Chloride       | 5.295  | 84    | 55324    | 19.500   | ug/l   | 98       |
| 21) trans-1,2-Dichloroethene | 5.806  | 96    | 49213    | 18.287   | ug/l   | 99       |
| 22) Diisopropyl ether        | 6.683  | 45    | 136694   | 19.589   | ug/l   | 98       |
| 23) Vinyl Acetate            | 6.612  | 43    | 432913   | 92.171   | ug/l   | 95       |
| 24) 1,1-Dichloroethane       | 6.583  | 63    | 86382    | 18.561   | ug/l   | 99       |
| 25) 2-Butanone               | 7.494  | 43    | 144263   | 99.090   | ug/l   | 93       |
| 26) 2,2-Dichloropropane      | 7.494  | 77    | 75948    | 19.271   | ug/l   | 96       |
| 27) cis-1,2-Dichloroethene   | 7.494  | 96    | 57618    | 17.902   | ug/l   | 94       |
| 28) Bromochloromethane       | 7.824  | 49    | 40717    | 19.961   | ug/l   | 97       |
| 29) Tetrahydrofuran          | 7.847  | 42    | 88549    | 97.055   | ug/l   | 99       |
| 30) Chloroform               | 7.971  | 83    | 96500    | 18.417   | ug/l   | 98       |
| 31) Cyclohexane              | 8.265  | 56    | 83791    | 19.397   | ug/l   | 94       |
| 32) 1,1,1-Trichloroethane    | 8.177  | 97    | 86307    | 18.579   | ug/l   | 97       |
| 36) 1,1-Dichloropropene      | 8.377  | 75    | 68974    | 18.678   | ug/l   | 99       |
| 37) Ethyl Acetate            | 7.565  | 43    | 57417    | 19.357   | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 8.371  | 117   | 81602    | 19.744   | ug/l   | 99       |
| 39) Methylcyclohexane        | 9.606  | 83    | 85727    | 19.243   | ug/l   | 99       |
| 40) Benzene                  | 8.612  | 78    | 214241   | 18.804   | ug/l   | 100      |

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 Sample : VN0109WBS01  
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 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
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Quant Time: Jan 10 01:03:04 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121422W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 14 13:03:41 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.788  | 41   | 30575    | 19.831  | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 8.677  | 62   | 72800    | 19.219  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.694  | 43   | 93924    | 19.196  | ug/l   | 99       |
| 44) Trichloroethene           | 9.359  | 130  | 56207    | 17.511  | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.624  | 63   | 51070    | 18.420  | ug/l   | 97       |
| 46) Dibromomethane            | 9.712  | 93   | 38759    | 18.848  | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.888  | 83   | 77809    | 19.295  | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.688  | 41   | 43185    | 19.596  | ug/l   | 95       |
| 49) 1,4-Dioxane               | 9.700  | 88   | 18436    | 340.288 | ug/l   | 93       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 289370   | 97.791  | ug/l   | 97       |
| 52) Toluene                   | 10.629 | 92   | 139745   | 18.833  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 75511    | 19.129  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.318 | 75   | 83295    | 19.218  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 54678    | 18.774  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.877 | 69   | 71064    | 18.370  | ug/l   | 96       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 90724    | 18.990  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.165 | 63   | 106944   | 86.828  | ug/l   | 98       |
| 59) 2-Hexanone                | 11.200 | 43   | 212273   | 98.368  | ug/l   | 97       |
| 60) Dibromochloromethane      | 11.359 | 129  | 62515    | 19.301  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 53782    | 18.248  | ug/l   | 97       |
| 64) Tetrachloroethene         | 11.106 | 164  | 59260    | 21.056  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.894 | 112  | 147326   | 17.946  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 56801    | 18.680  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.965 | 91   | 260834   | 18.826  | ug/l   | 99       |
| 68) m/p-Xylenes               | 12.071 | 106  | 208208   | 37.968  | ug/l   | 99       |
| 69) o-Xylene                  | 12.400 | 106  | 101935   | 18.784  | ug/l   | 98       |
| 70) Styrene                   | 12.412 | 104  | 162024   | 18.777  | ug/l   | 99       |
| 71) Bromoform                 | 12.576 | 173  | 45865    | 20.729  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.700 | 105  | 266187   | 19.668  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.500 | 43   | 74079    | 18.658  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 75451    | 18.034  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 91198    | 24.157  | ug/l   | 72       |
| 77) Bromobenzene              | 12.982 | 156  | 63209    | 18.455  | ug/l   | 98       |
| 78) n-propylbenzene           | 13.035 | 91   | 294194   | 19.709  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 177352   | 19.033  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 221929   | 19.593  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.741 | 75   | 21201    | 20.214  | ug/l # | 86       |
| 82) 4-Chlorotoluene           | 13.129 | 91   | 177352   | 19.033  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 195314   | 19.557  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 219195   | 19.506  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.618 | 105  | 269902   | 19.580  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 230465   | 20.093  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 115403   | 18.240  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 112100   | 17.344  | ug/l   | 99       |
| 89) n-Butylbenzene            | 14.059 | 91   | 174546   | 18.784  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.335 | 117  | 44963    | 21.915  | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 116077   | 18.626  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 13208    | 17.791  | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 50737    | 16.445  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.506 | 225  | 29129    | 17.305  | ug/l   | 95       |
| 95) Naphthalene               | 15.641 | 128  | 143598   | 15.652  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.847 | 180  | 50043    | 17.354  | ug/l   | 98       |

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Sample : VN0109WBS01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 5 Sample Multiplier: 1

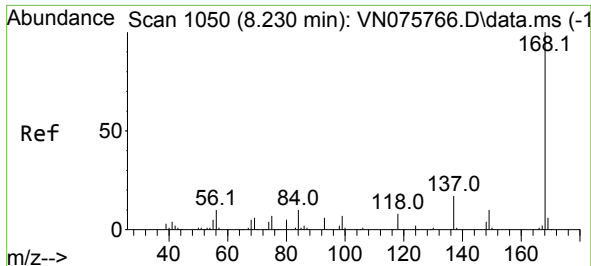
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0109WBS01

Quant Time: Jan 10 01:03:04 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121422W.M  
Quant Title : SW846 8260  
QLast Update : Wed Dec 14 13:03:41 2022  
Response via : Initial Calibration

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

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

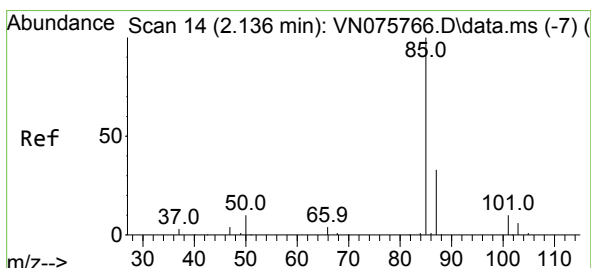
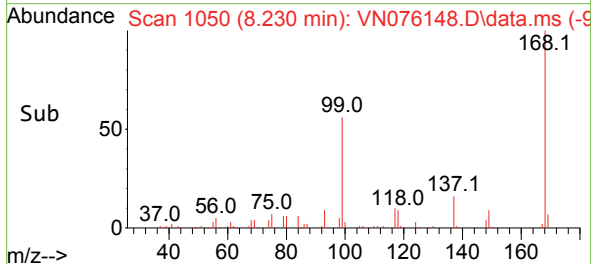
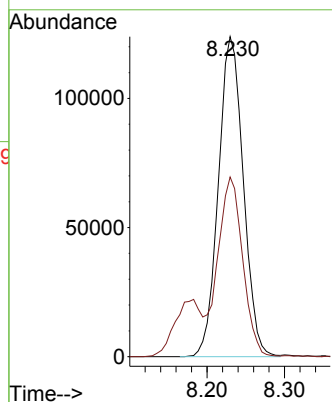
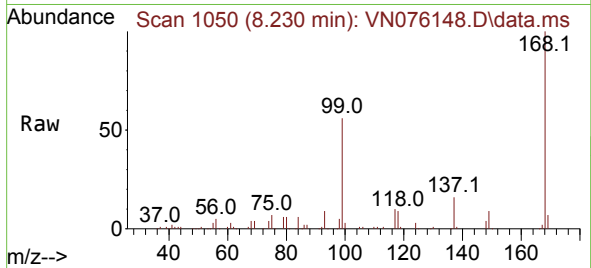




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

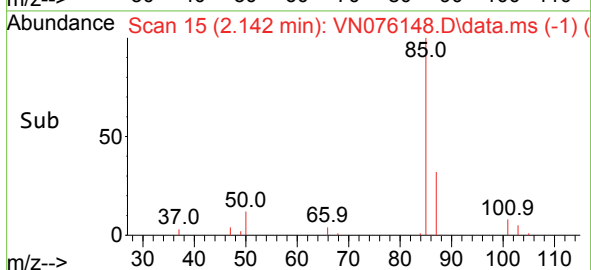
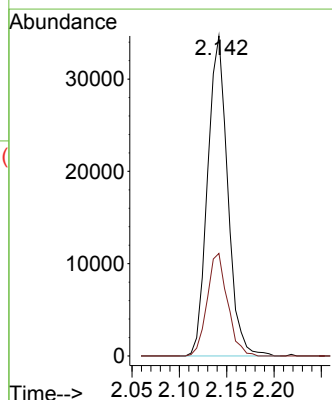
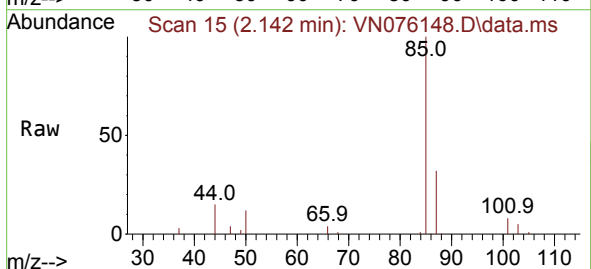
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ClientSampleId :  
VN0109WBS01

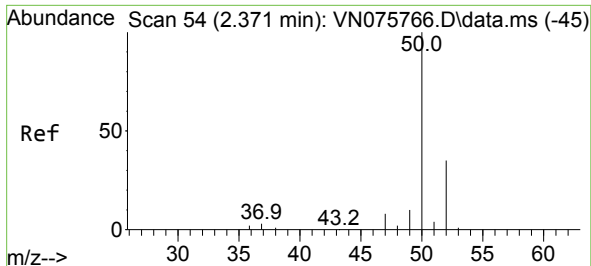
Tgt Ion:168 Resp: 277256  
Ion Ratio Lower Upper  
168 100  
99 56.0 44.2 66.4



#2  
Dichlorodifluoromethane  
Concen: 25.945 ug/l  
RT: 2.142 min Scan# 15  
Delta R.T. 0.006 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

Tgt Ion: 85 Resp: 51075  
Ion Ratio Lower Upper  
85 100  
87 32.0 16.3 48.9

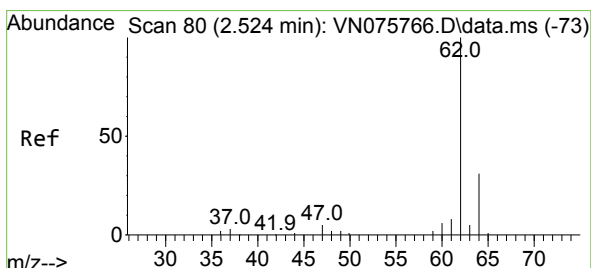
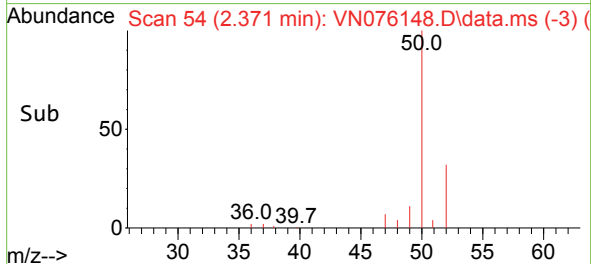
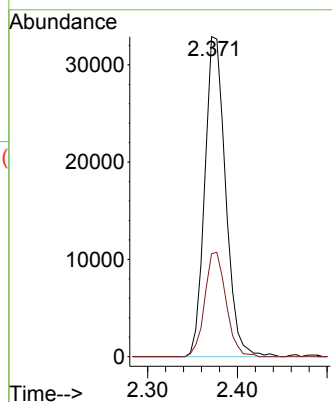
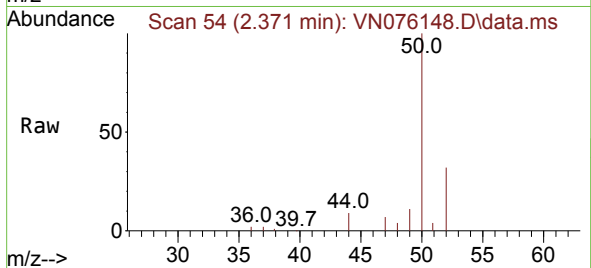




#3  
Chloromethane  
Concen: 21.682 ug/l  
RT: 2.371 min Scan# 54  
Delta R.T. 0.000 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

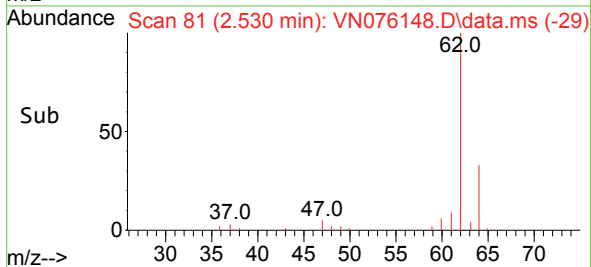
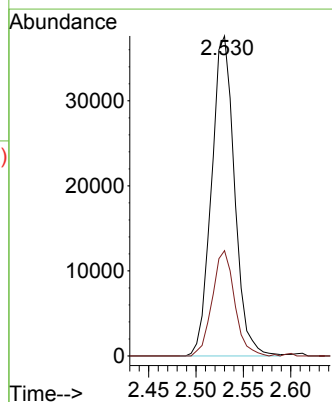
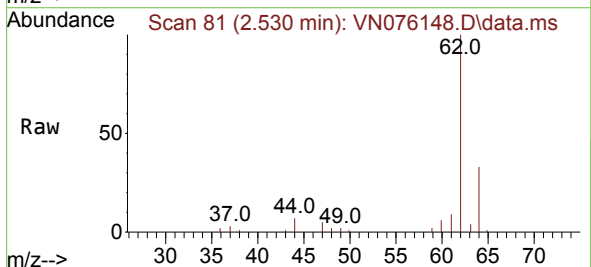
Instrument :  
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ClientSampleId :  
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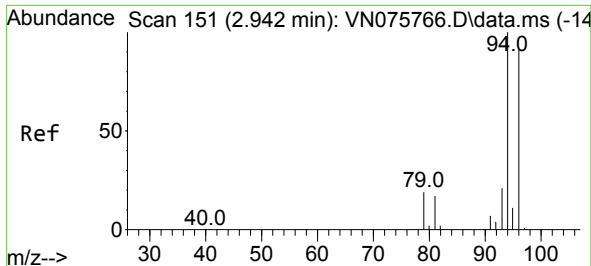
Tgt Ion: 50 Resp: 53075  
Ion Ratio Lower Upper  
50 100  
52 32.2 27.7 41.5



#4  
Vinyl Chloride  
Concen: 21.748 ug/l  
RT: 2.530 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

Tgt Ion: 62 Resp: 63505  
Ion Ratio Lower Upper  
62 100  
64 32.9 24.9 37.3

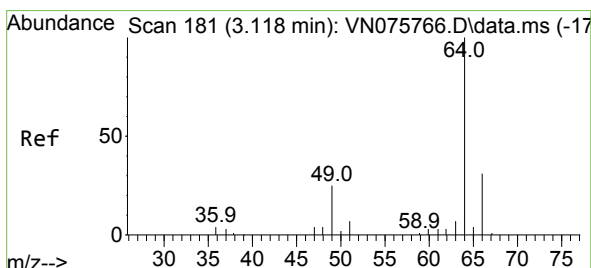
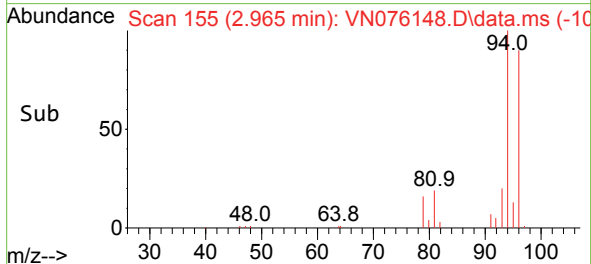
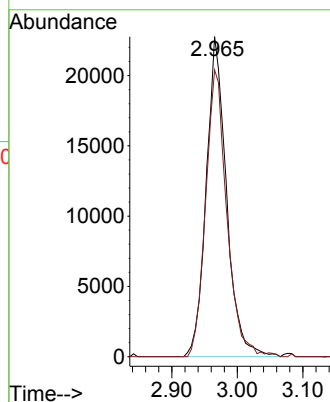
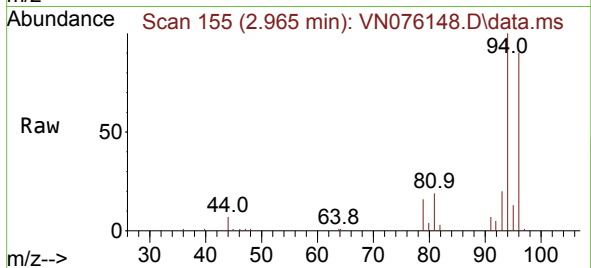




#5  
Bromomethane  
Concen: 19.758 ug/l  
RT: 2.965 min Scan# 151  
Delta R.T. 0.024 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

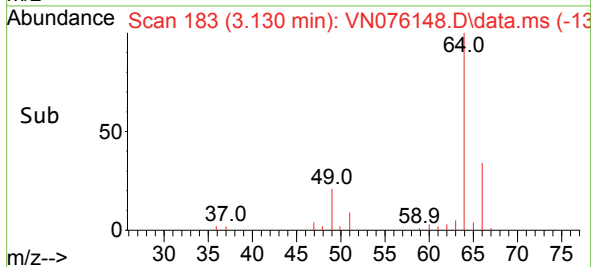
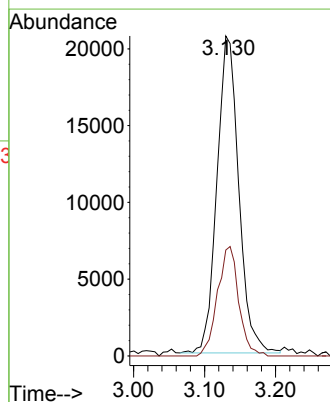
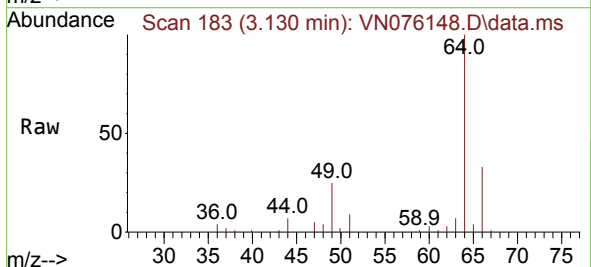
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0109WBS01

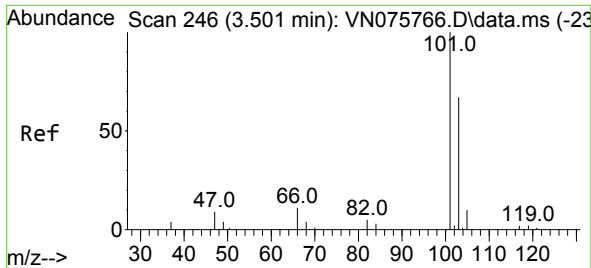
Tgt Ion: 94 Resp: 49033  
Ion Ratio Lower Upper  
94 100  
96 89.6 73.8 110.6



#6  
Chloroethane  
Concen: 20.333 ug/l  
RT: 3.130 min Scan# 183  
Delta R.T. 0.012 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

Tgt Ion: 64 Resp: 43968  
Ion Ratio Lower Upper  
64 100  
66 33.4 24.6 36.8

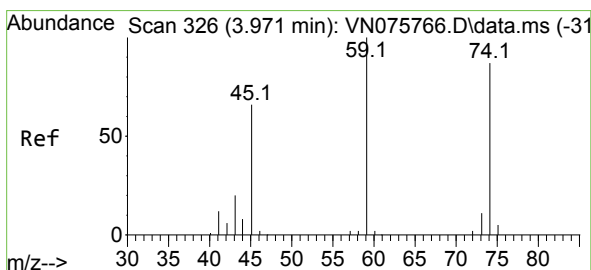
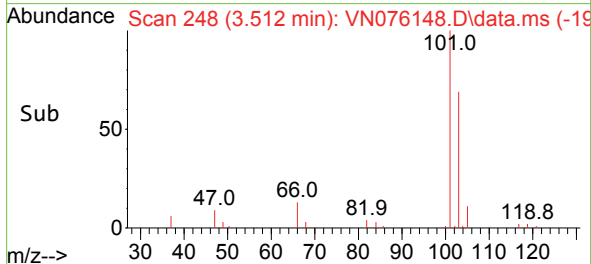
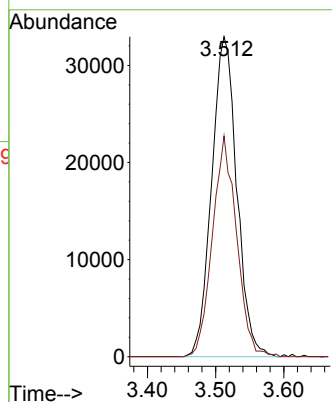
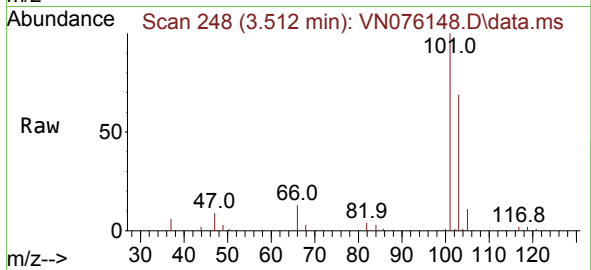




#7  
Trichlorofluoromethane  
Concen: 19.112 ug/l  
RT: 3.512 min Scan# 246  
Delta R.T. 0.012 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

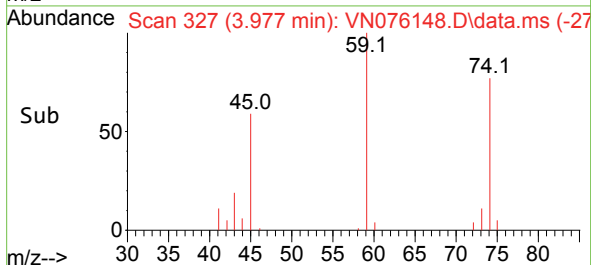
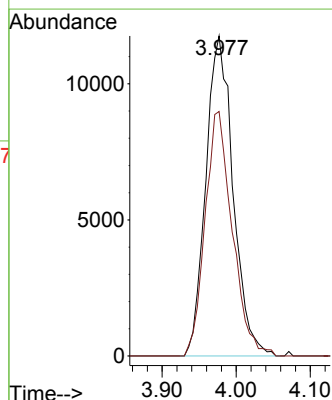
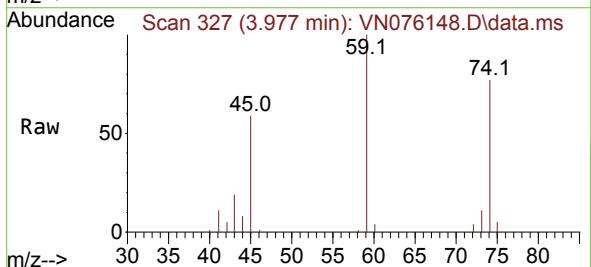
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0109WBS01

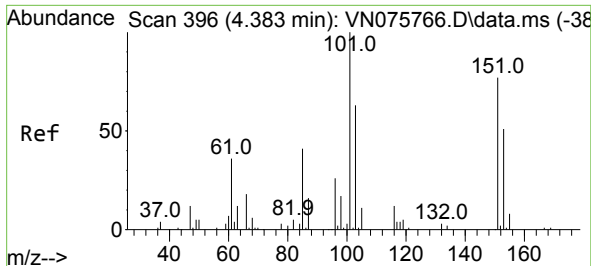
Tgt Ion:101 Resp: 84683  
Ion Ratio Lower Upper  
101 100  
103 68.9 53.4 80.2



#8  
Diethyl Ether  
Concen: 18.569 ug/l  
RT: 3.977 min Scan# 327  
Delta R.T. 0.006 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

Tgt Ion: 74 Resp: 30050  
Ion Ratio Lower Upper  
74 100  
45 76.1 37.8 113.4

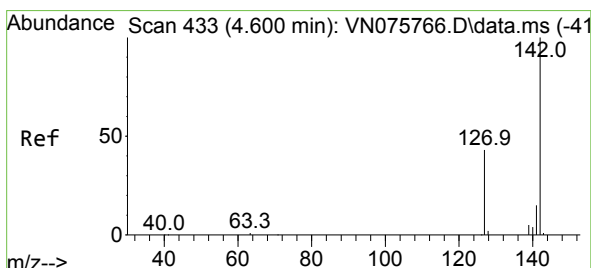
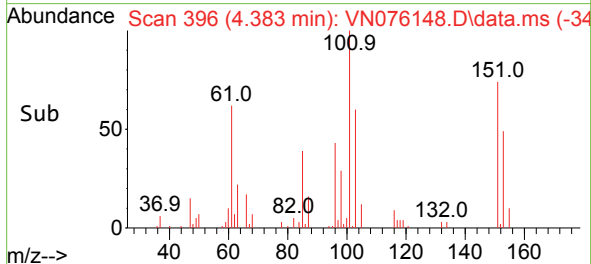
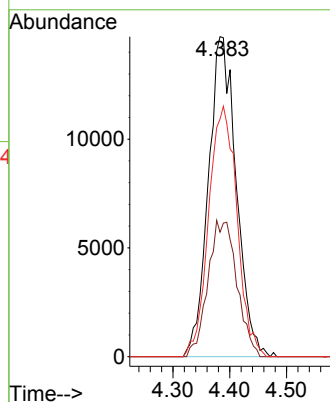
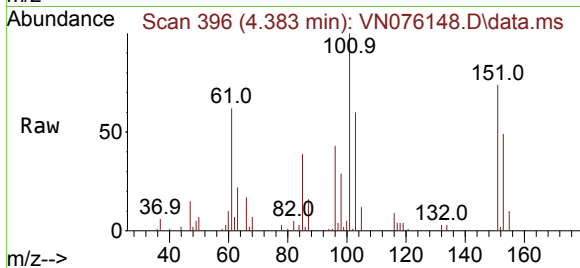




#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 19.797 ug/l  
 RT: 4.383 min Scan# 396  
 Delta R.T. 0.000 min  
 Lab File: VN076148.D  
 Acq: 09 Jan 2023 11:54

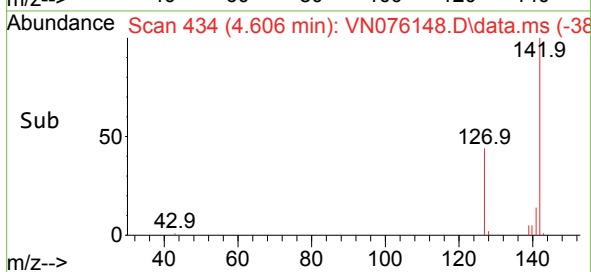
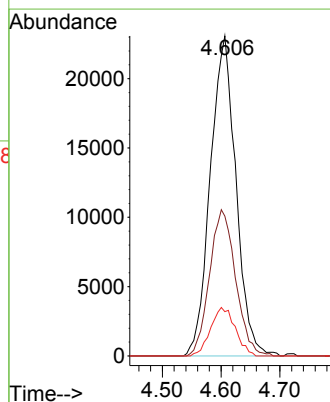
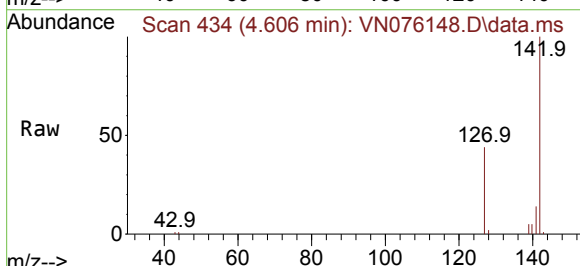
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0109WBS01

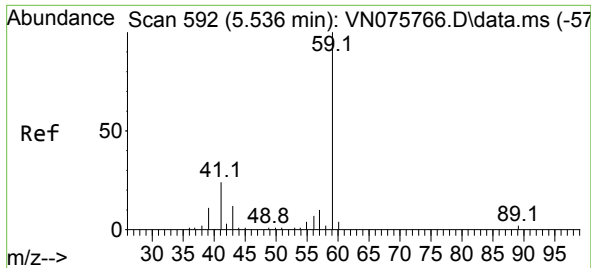
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 101   | Resp: | 50088 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 44.2  | 35.3  | 52.9  |
| 151       | 79.4  | 65.6  | 98.4  |



#10  
 Methyl Iodide  
 Concen: 17.002 ug/l  
 RT: 4.606 min Scan# 434  
 Delta R.T. 0.006 min  
 Lab File: VN076148.D  
 Acq: 09 Jan 2023 11:54

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 69813 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 46.6  | 34.7  | 52.1  |
| 141       | 14.7  | 11.4  | 17.2  |

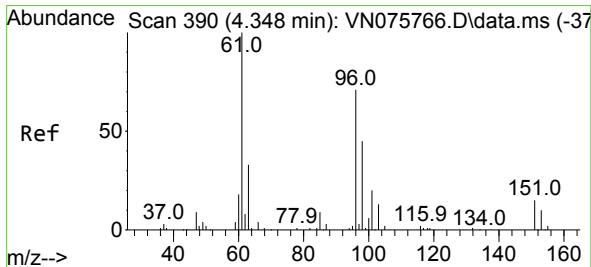
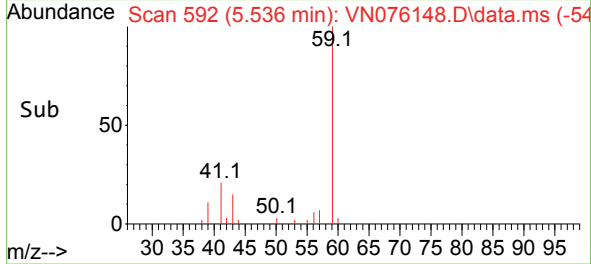
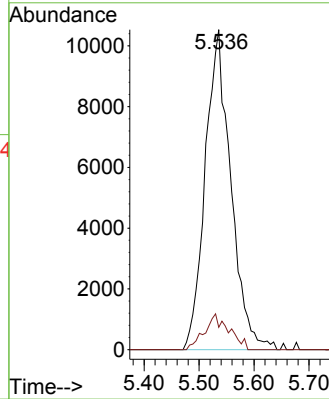
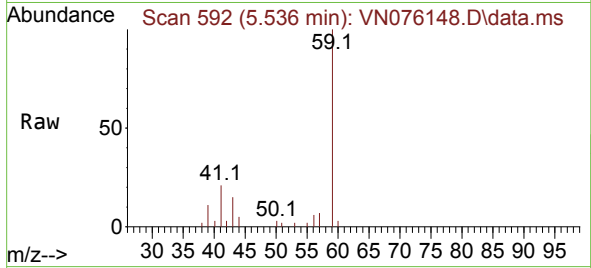




#11  
Tert butyl alcohol  
Concen: 79.869 ug/l  
RT: 5.536 min Scan# 592  
Delta R.T. 0.000 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

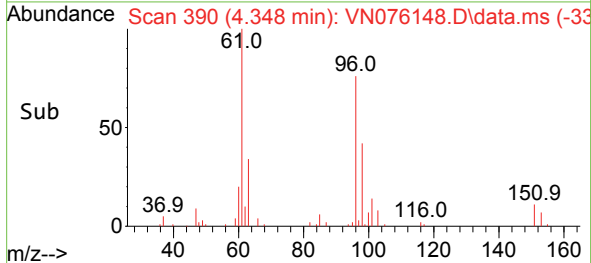
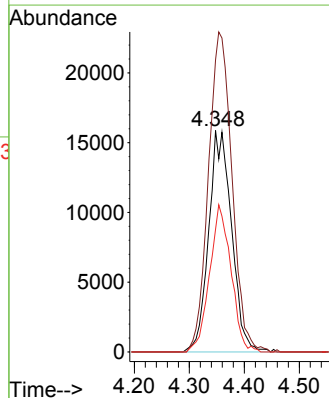
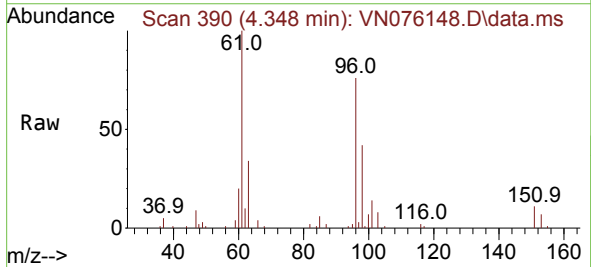
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0109WBS01

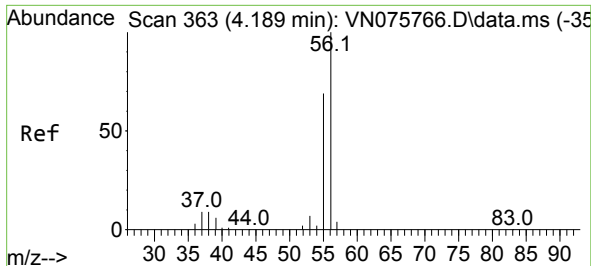
Tgt Ion: 59 Resp: 34088  
Ion Ratio Lower Upper  
59 100  
57 10.7 8.2 12.4



#12  
1,1-Dichloroethene  
Concen: 18.727 ug/l  
RT: 4.348 min Scan# 390  
Delta R.T. 0.000 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

Tgt Ion: 96 Resp: 46017  
Ion Ratio Lower Upper  
96 100  
61 131.9 113.3 169.9  
98 55.4 50.9 76.3

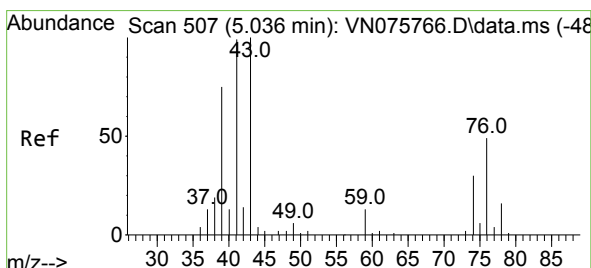
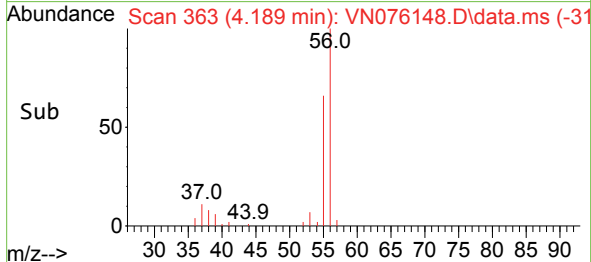
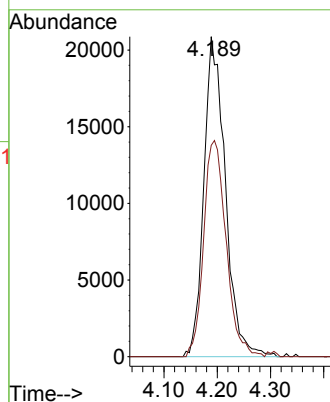
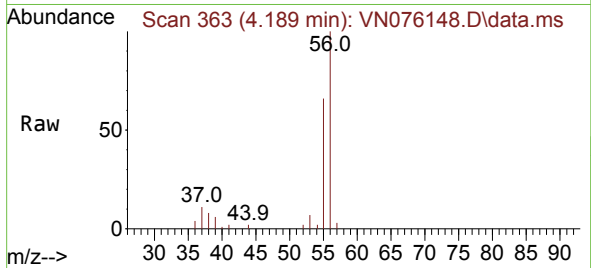




#13  
Acrolein  
Concen: 111.600 ug/l  
RT: 4.189 min Scan# 363  
Delta R.T. 0.000 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

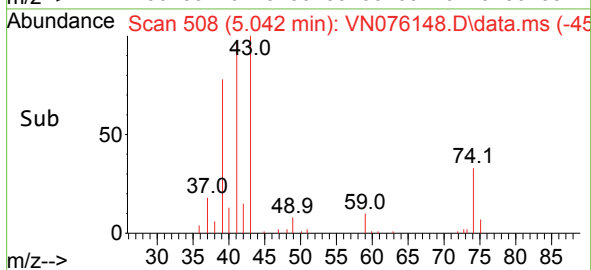
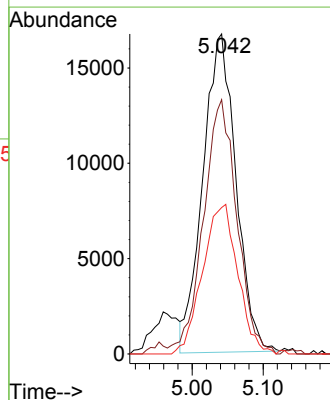
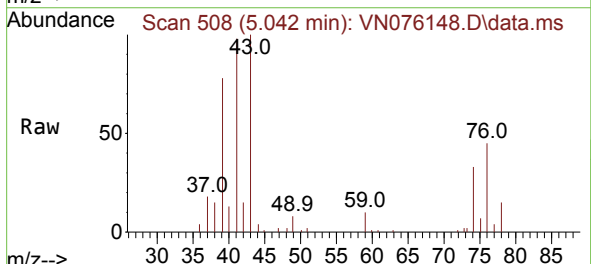
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0109WBS01

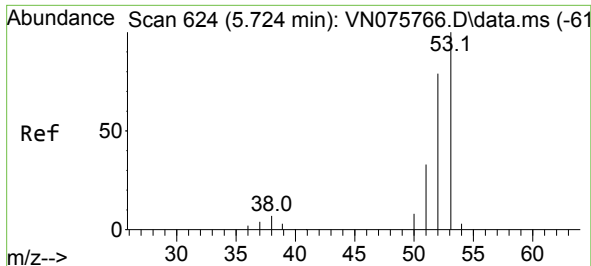
Tgt Ion: 56 Resp: 58394  
Ion Ratio Lower Upper  
56 100  
55 70.7 54.8 82.2



#14  
Allyl chloride  
Concen: 18.805 ug/l  
RT: 5.042 min Scan# 508  
Delta R.T. 0.006 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

Tgt Ion: 41 Resp: 54018  
Ion Ratio Lower Upper  
41 100  
39 80.9 58.3 87.5  
76 50.0 35.8 53.6

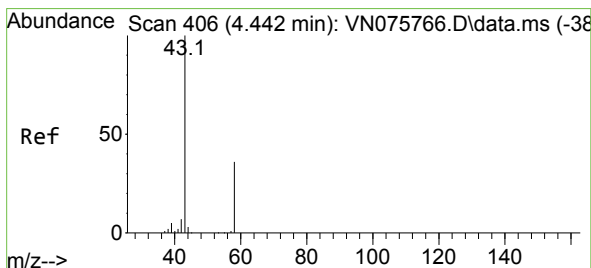
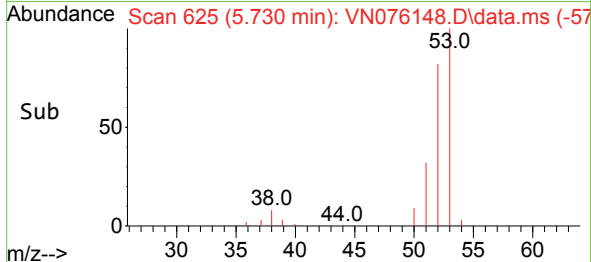
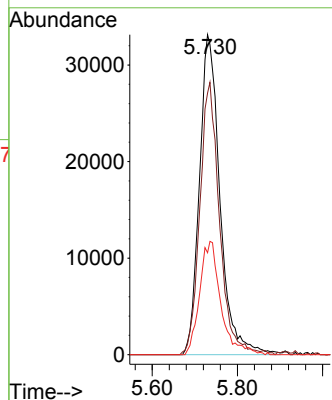
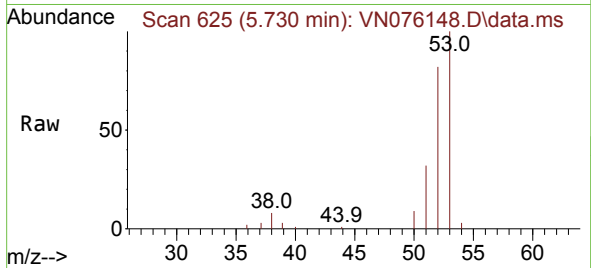




#15  
Acrylonitrile  
Concen: 95.319 ug/l  
RT: 5.730 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

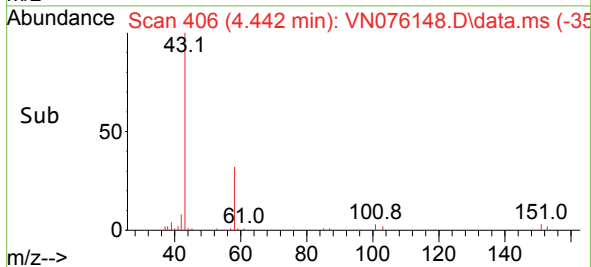
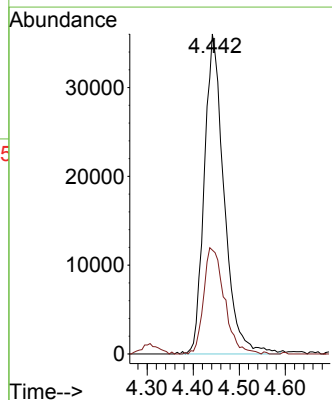
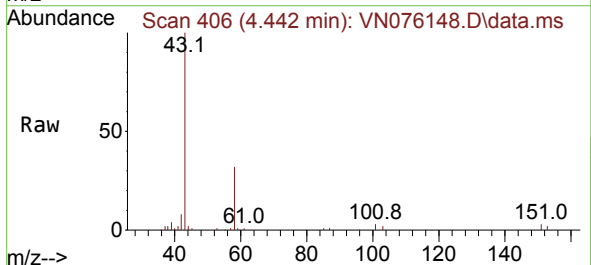
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0109WBS01

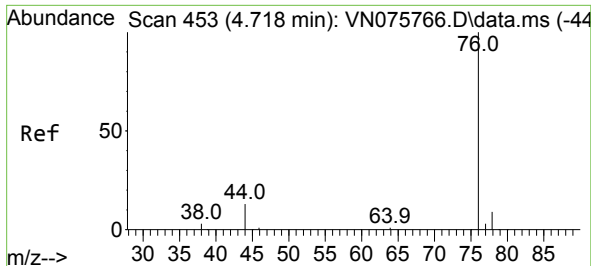
Tgt Ion: 53 Resp: 111020  
Ion Ratio Lower Upper  
53 100  
52 81.1 65.4 98.0  
51 36.5 28.9 43.3



#16  
Acetone  
Concen: 103.791 ug/l  
RT: 4.442 min Scan# 406  
Delta R.T. 0.000 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

Tgt Ion: 43 Resp: 107919  
Ion Ratio Lower Upper  
43 100  
58 32.5 28.6 43.0

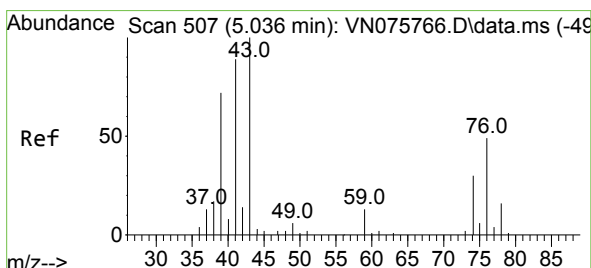
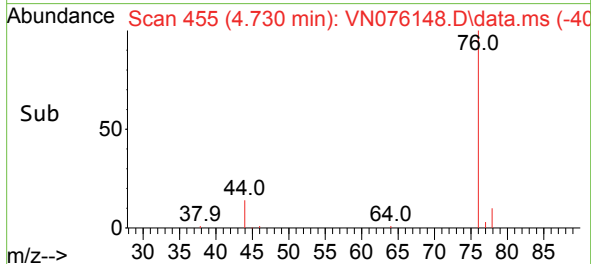
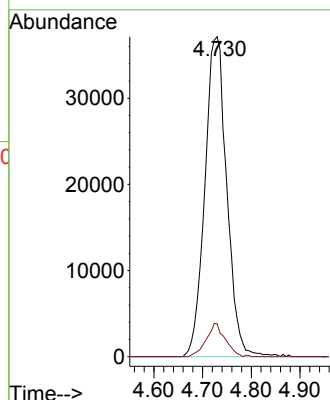
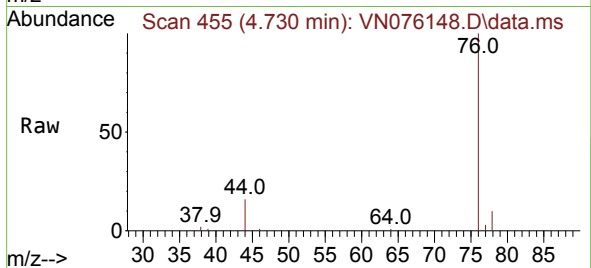




#17  
Carbon Disulfide  
Concen: 19.524 ug/l  
RT: 4.730 min Scan# 41  
Delta R.T. 0.012 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

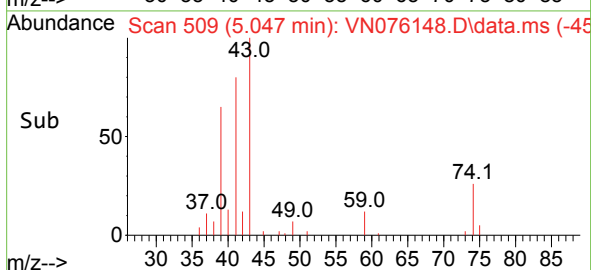
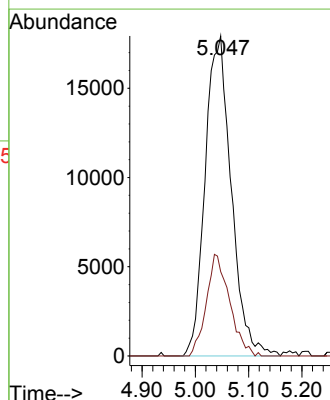
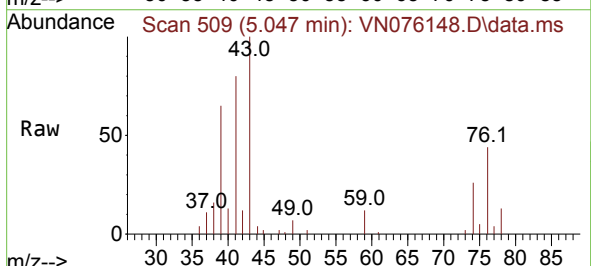
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0109WBS01

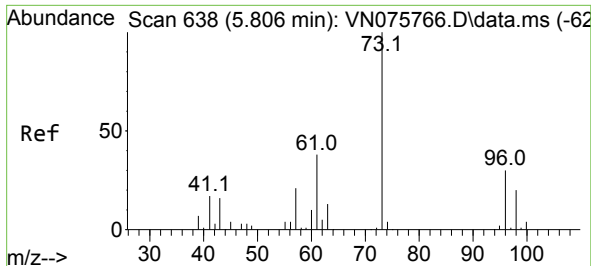
Tgt Ion: 76 Resp: 116158  
Ion Ratio Lower Upper  
76 100  
78 10.3 6.8 10.2#



#18  
Methyl Acetate  
Concen: 19.850 ug/l  
RT: 5.047 min Scan# 509  
Delta R.T. 0.012 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

Tgt Ion: 43 Resp: 61008  
Ion Ratio Lower Upper  
43 100  
74 28.3 23.6 35.4

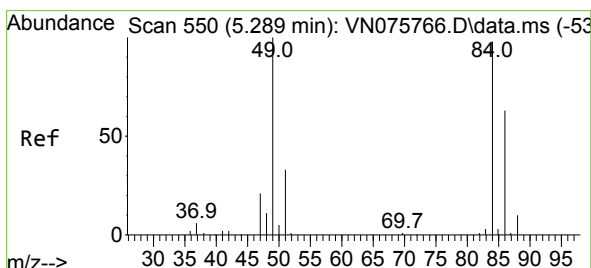
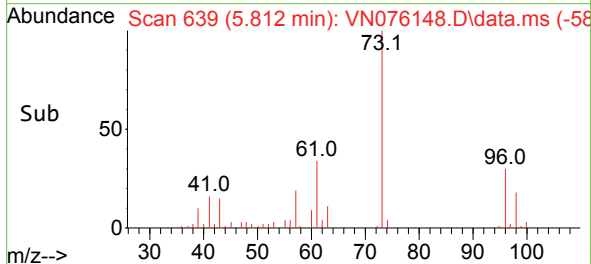
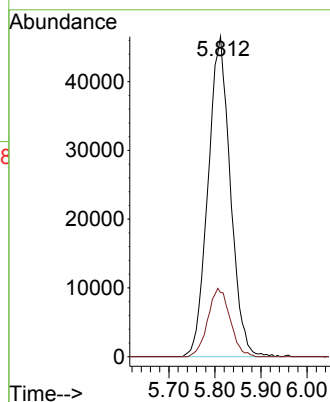
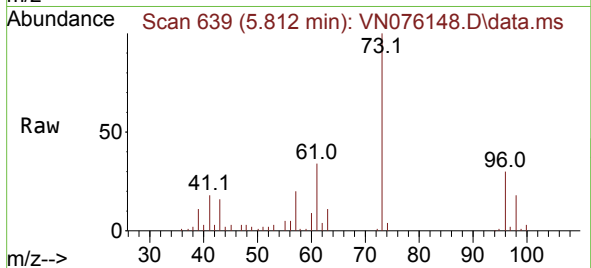




#19  
Methyl tert-butyl Ether  
Concen: 19.387 ug/l  
RT: 5.812 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

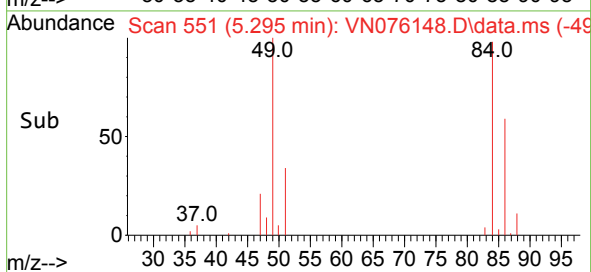
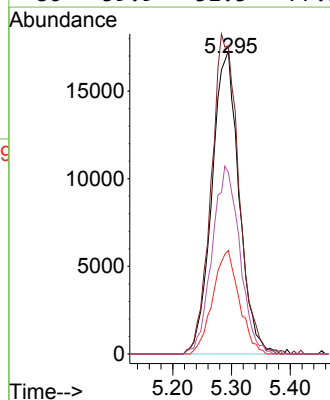
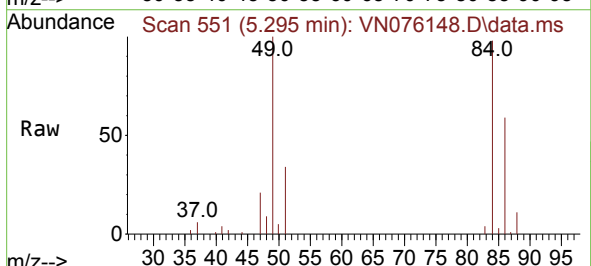
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0109WBS01

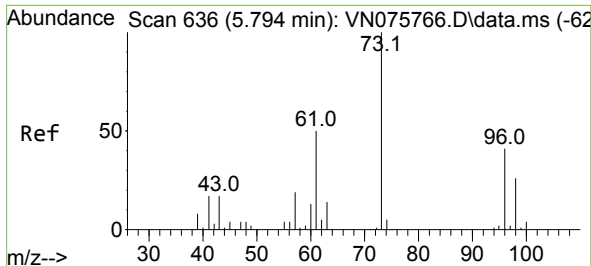
Tgt Ion: 73 Resp: 156880  
Ion Ratio Lower Upper  
73 100  
57 20.0 17.1 25.7



#20  
Methylene Chloride  
Concen: 19.500 ug/l  
RT: 5.295 min Scan# 551  
Delta R.T. 0.006 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

Tgt Ion: 84 Resp: 55324  
Ion Ratio Lower Upper  
84 100  
49 101.7 81.8 122.6  
51 34.2 26.7 40.1  
86 59.9 51.5 77.3

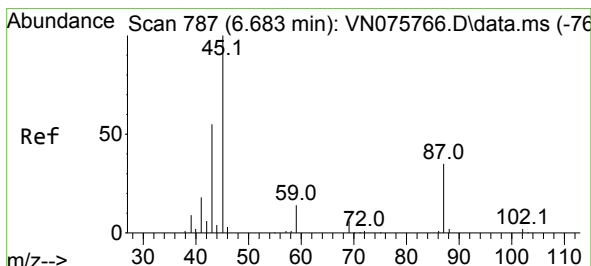
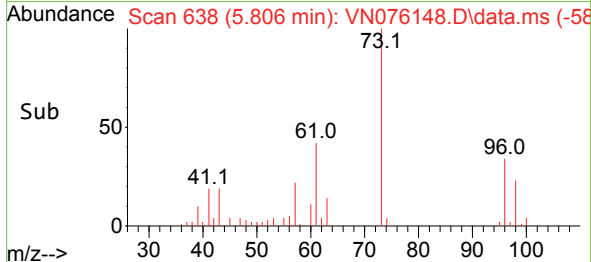
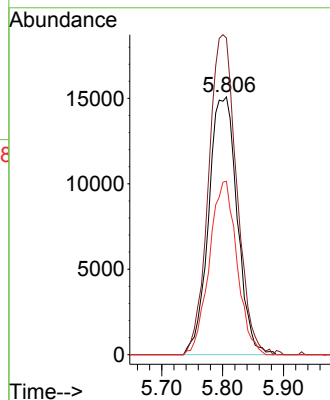
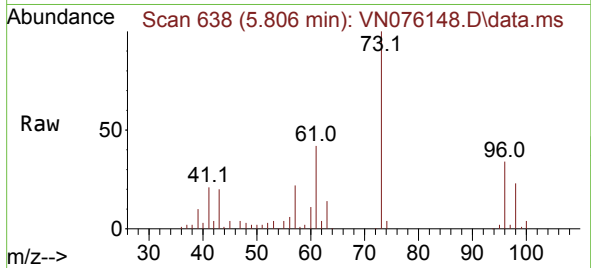




#21  
trans-1,2-Dichloroethene  
Concen: 18.287 ug/l  
RT: 5.806 min Scan# 61  
Delta R.T. 0.012 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

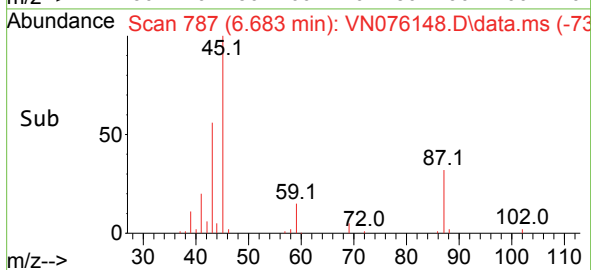
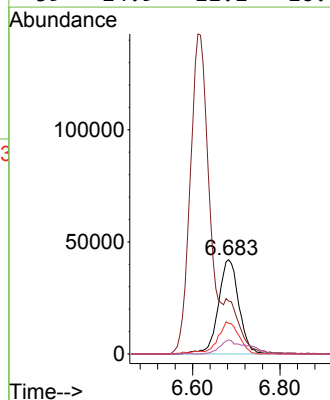
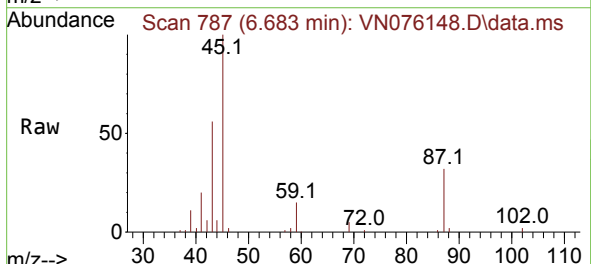
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0109WBS01

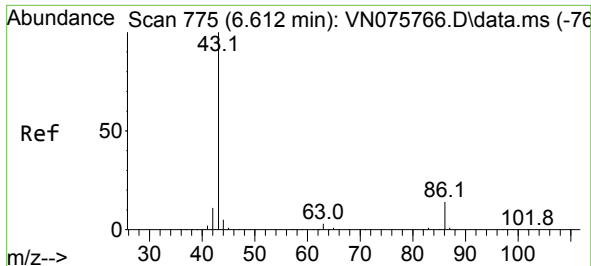
Tgt Ion: 96 Resp: 49213  
Ion Ratio Lower Upper  
96 100  
61 122.8 98.1 147.1  
98 67.3 51.4 77.2



#22  
Diisopropyl ether  
Concen: 19.589 ug/l  
RT: 6.683 min Scan# 787  
Delta R.T. 0.000 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

Tgt Ion: 45 Resp: 136694  
Ion Ratio Lower Upper  
45 100  
43 54.9 44.2 66.4  
87 32.4 28.3 42.5  
59 14.9 11.1 16.7

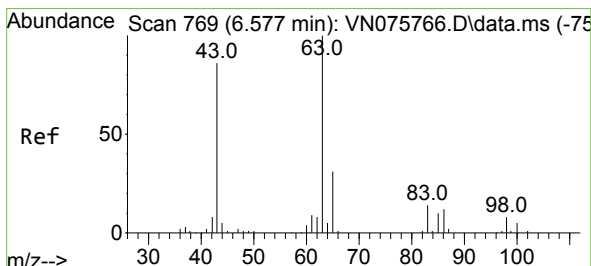
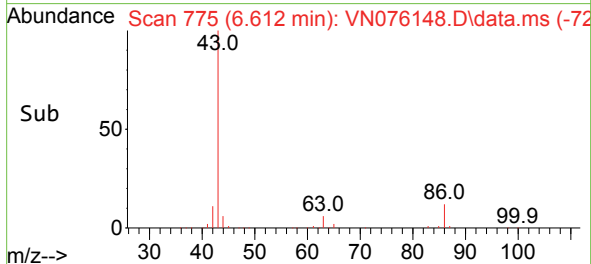
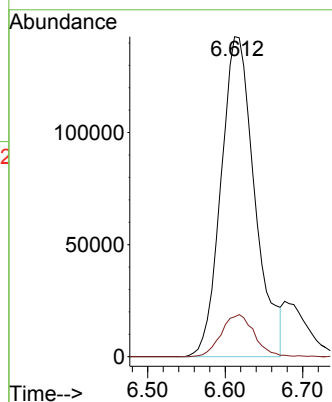
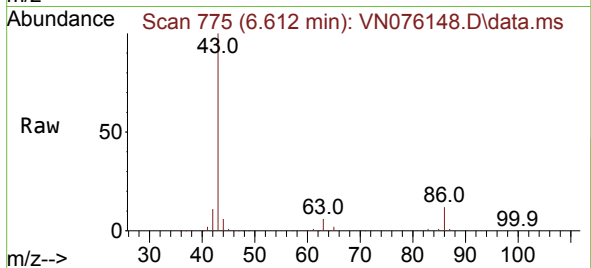




#23  
 Vinyl Acetate  
 Concen: 92.171 ug/l  
 RT: 6.612 min Scan# 775  
 Delta R.T. 0.000 min  
 Lab File: VN076148.D  
 Acq: 09 Jan 2023 11:54

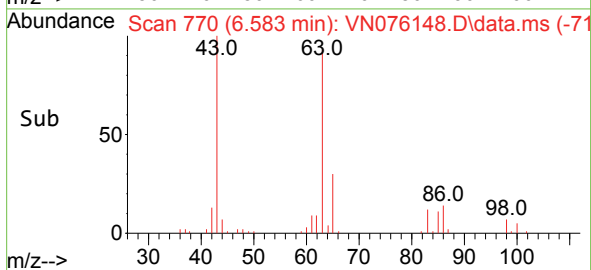
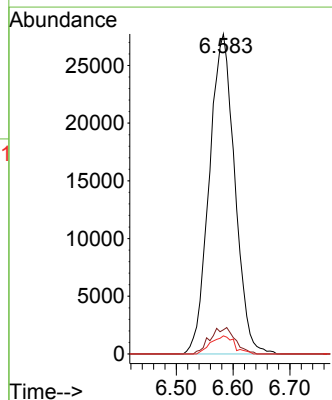
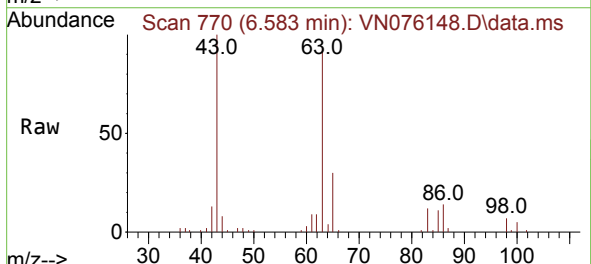
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0109WBS01

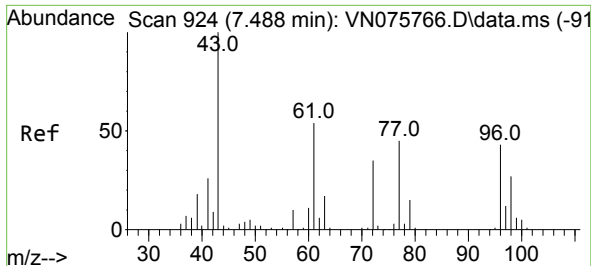
Tgt Ion: 43 Resp: 432913  
 Ion Ratio Lower Upper  
 43 100  
 86 12.4 11.4 17.2



#24  
 1,1-Dichloroethane  
 Concen: 18.561 ug/l  
 RT: 6.583 min Scan# 770  
 Delta R.T. 0.006 min  
 Lab File: VN076148.D  
 Acq: 09 Jan 2023 11:54

Tgt Ion: 63 Resp: 86382  
 Ion Ratio Lower Upper  
 63 100  
 98 7.5 3.9 11.5  
 100 5.7 2.5 7.6





#25

2-Butanone

Concen: 99.090 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076148.D

Acq: 09 Jan 2023 11:54

Instrument :

MSVOA\_N

ClientSampleId :

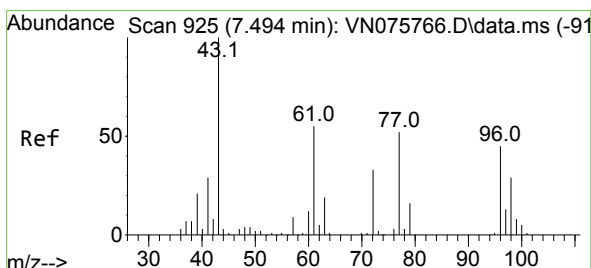
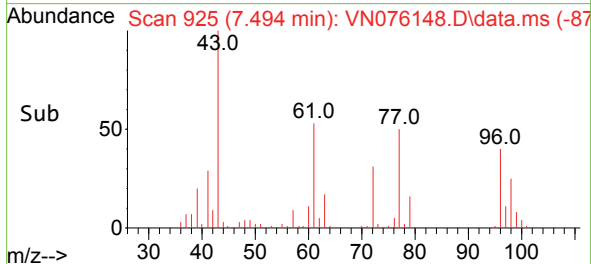
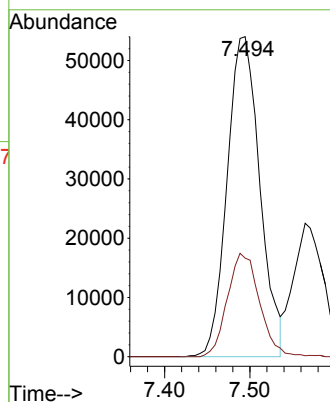
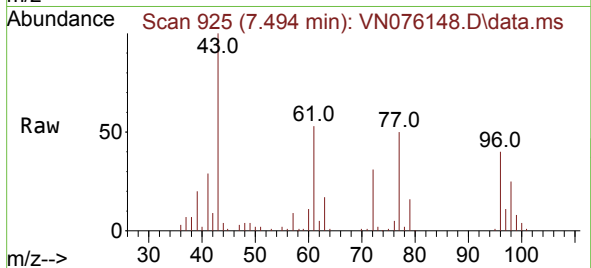
VN0109WBS01

Tgt Ion: 43 Resp: 144263

Ion Ratio Lower Upper

43 100

72 30.8 28.0 42.0



#26

2,2-Dichloropropane

Concen: 19.271 ug/l

RT: 7.494 min Scan# 925

Delta R.T. 0.000 min

Lab File: VN076148.D

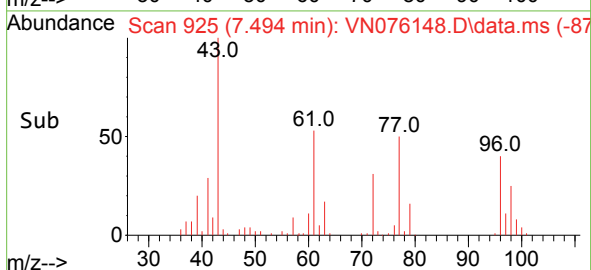
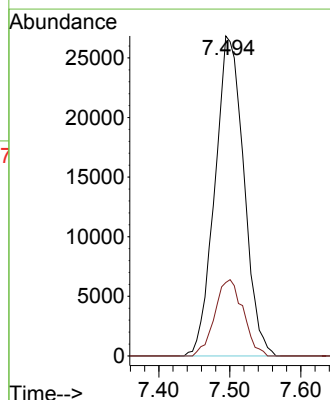
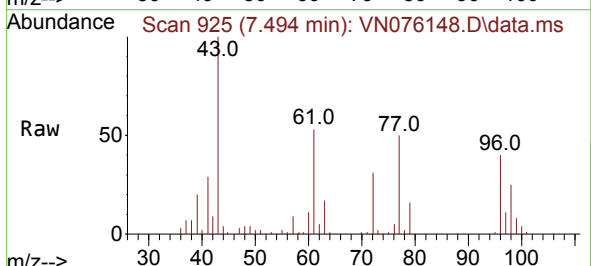
Acq: 09 Jan 2023 11:54

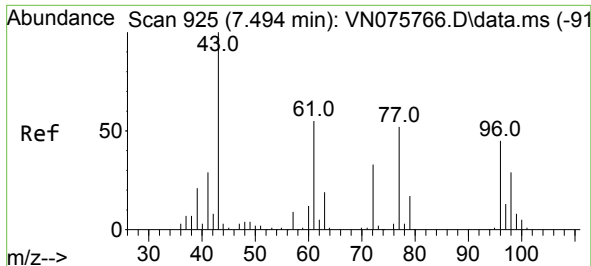
Tgt Ion: 77 Resp: 75948

Ion Ratio Lower Upper

77 100

97 23.5 12.7 38.0

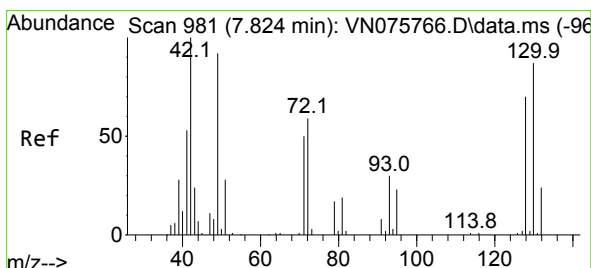
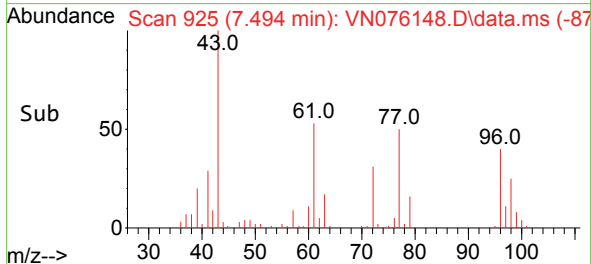
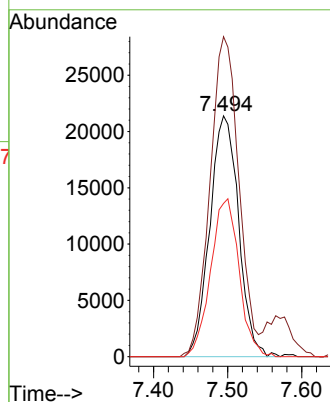
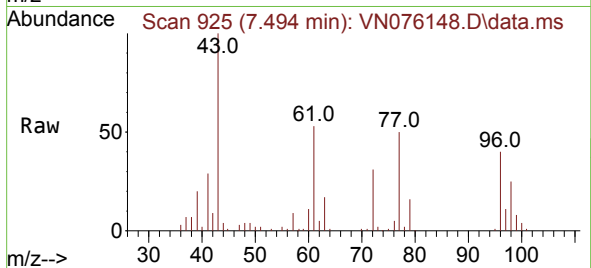




#27  
 cis-1,2-Dichloroethene  
 Concen: 17.902 ug/l  
 RT: 7.494 min Scan# 91  
 Delta R.T. 0.000 min  
 Lab File: VN076148.D  
 Acq: 09 Jan 2023 11:54

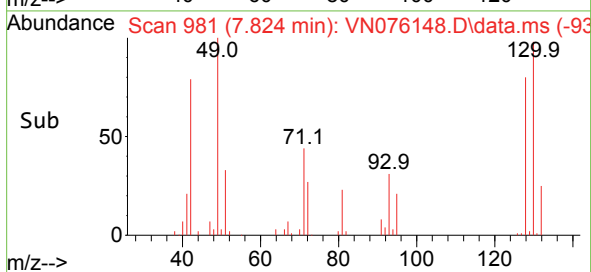
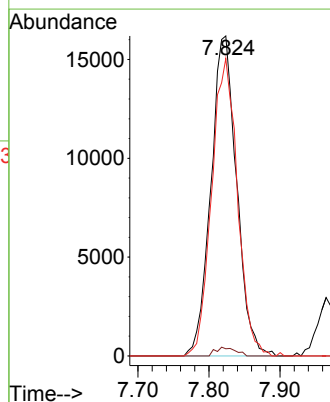
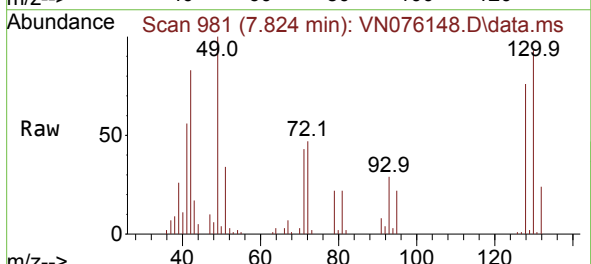
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0109WBS01

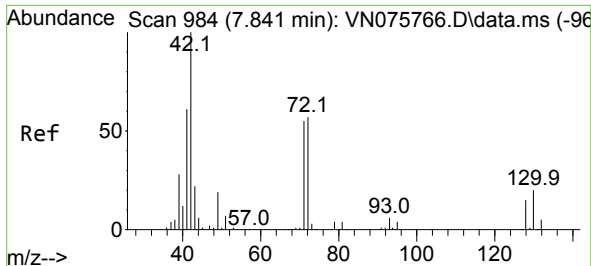
|             |             |       |       |
|-------------|-------------|-------|-------|
| Tgt Ion: 96 | Resp: 57618 |       |       |
| Ion Ratio   | Lower       | Upper |       |
| 96          | 100         |       |       |
| 61          | 133.5       | 0.0   | 247.8 |
| 98          | 64.9        | 0.0   | 128.4 |



#28  
 Bromochloromethane  
 Concen: 19.961 ug/l  
 RT: 7.824 min Scan# 981  
 Delta R.T. 0.000 min  
 Lab File: VN076148.D  
 Acq: 09 Jan 2023 11:54

|             |             |       |  |
|-------------|-------------|-------|--|
| Tgt Ion: 49 | Resp: 40717 |       |  |
| Ion Ratio   | Lower       | Upper |  |
| 49 100      |             |       |  |
| 129 2.1     | 0.0         | 5.0   |  |
| 130 93.1    | 77.0        | 115.4 |  |





#29

Tetrahydrofuran

Concen: 97.055 ug/l

RT: 7.847 min Scan# 9

Delta R.T. 0.006 min

Lab File: VN076148.D

Acq: 09 Jan 2023 11:54

Instrument :

MSVOA\_N

ClientSampleId :

VN0109WBS01

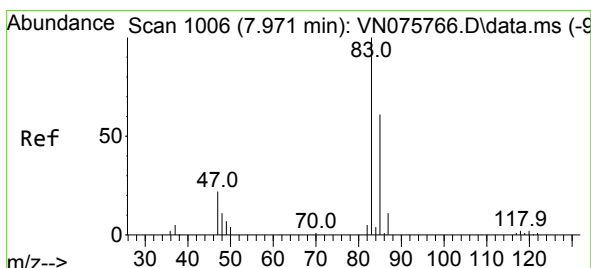
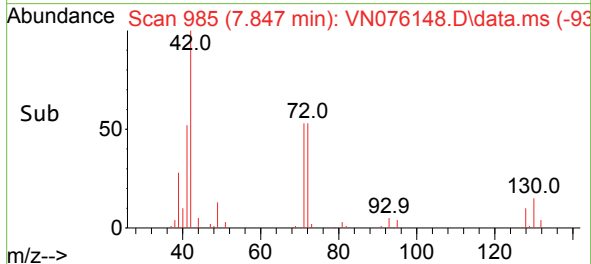
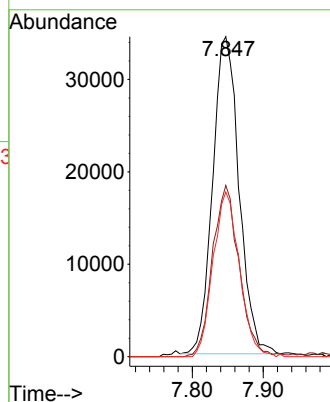
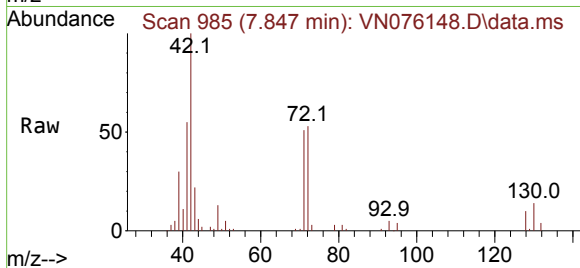
Tgt Ion: 42 Resp: 88549

Ion Ratio Lower Upper

42 100

72 54.5 44.5 66.7

71 51.8 41.0 61.6



#30

Chloroform

Concen: 18.417 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. 0.000 min

Lab File: VN076148.D

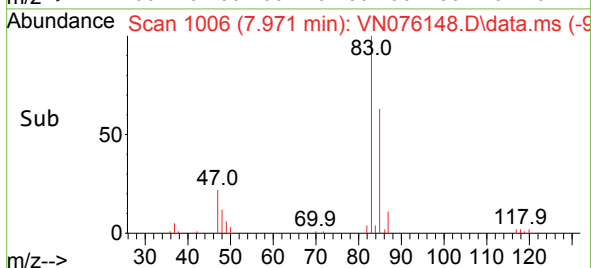
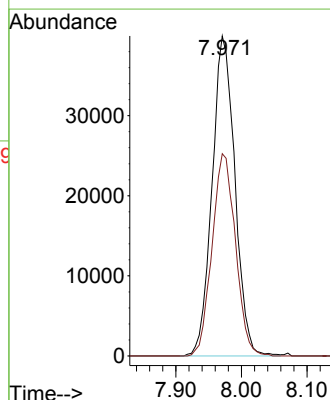
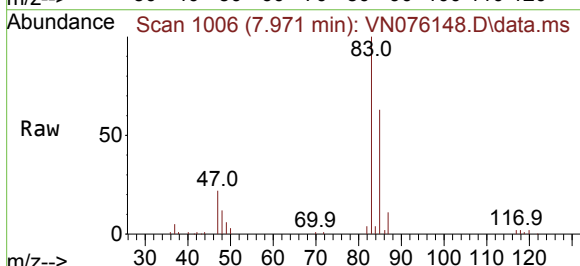
Acq: 09 Jan 2023 11:54

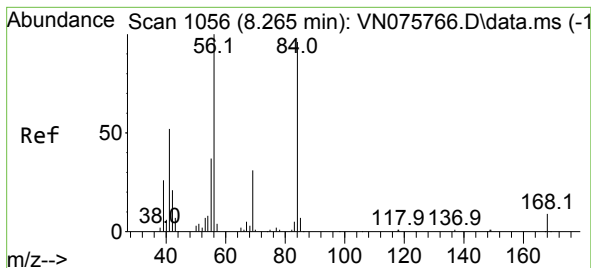
Tgt Ion: 83 Resp: 96500

Ion Ratio Lower Upper

83 100

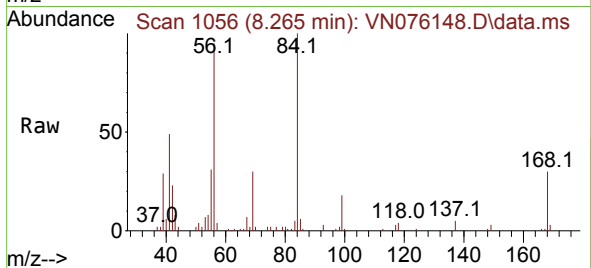
85 63.2 49.1 73.7



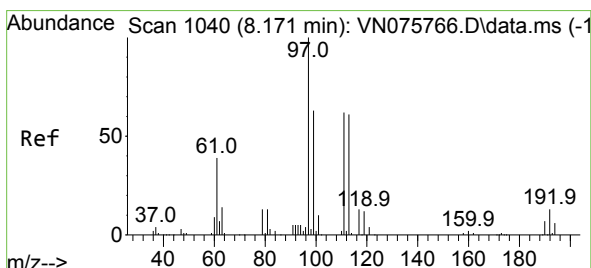
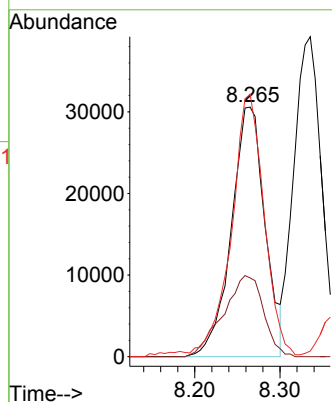
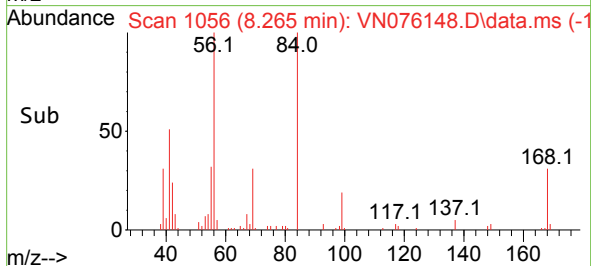


#31  
Cyclohexane  
Concen: 19.397 ug/l  
RT: 8.265 min Scan# 1056  
Delta R.T. 0.000 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

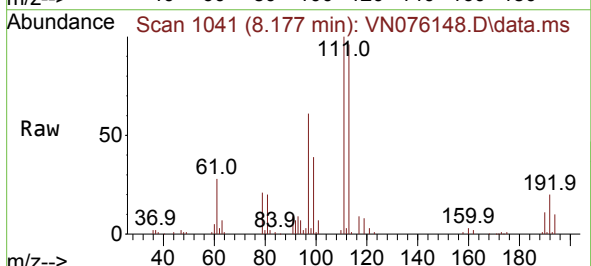
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0109WBS01



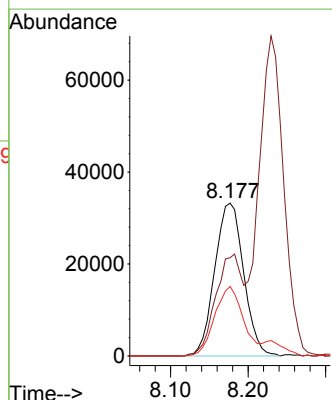
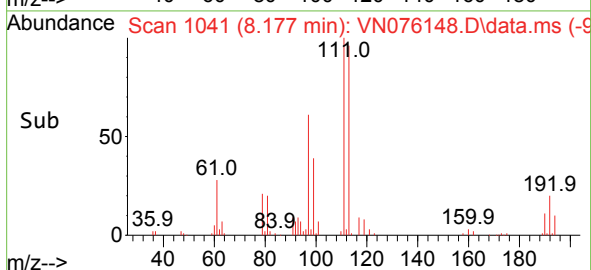
Tgt Ion: 56 Resp: 83791  
Ion Ratio Lower Upper  
56 100  
69 31.5 24.7 37.1  
84 103.1 76.5 114.7

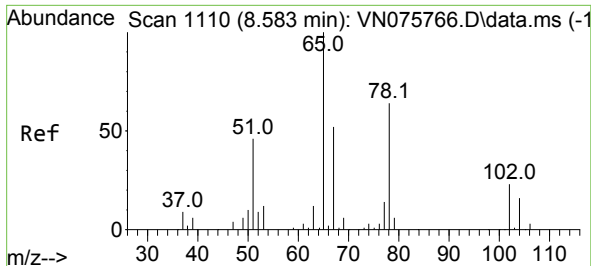


#32  
1,1,1-Trichloroethane  
Concen: 18.579 ug/l  
RT: 8.177 min Scan# 1041  
Delta R.T. 0.006 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54



Tgt Ion: 97 Resp: 86307  
Ion Ratio Lower Upper  
97 100  
99 60.5 50.2 75.2  
61 45.6 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 47.025 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN076148.D

Acq: 09 Jan 2023 11:54

Instrument :

MSVOA\_N

ClientSampleId :

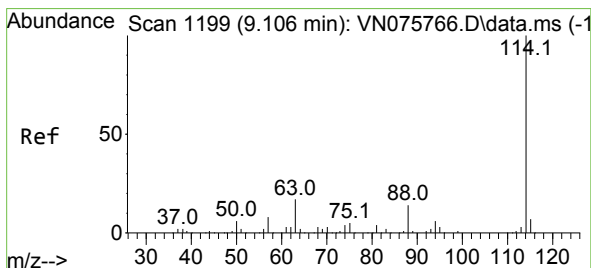
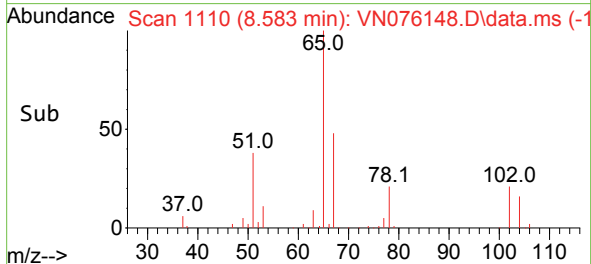
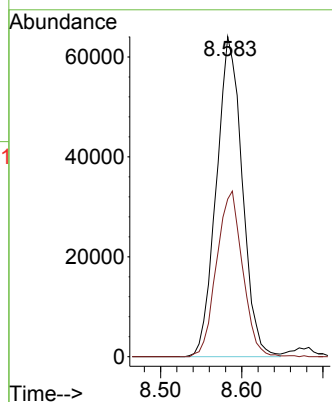
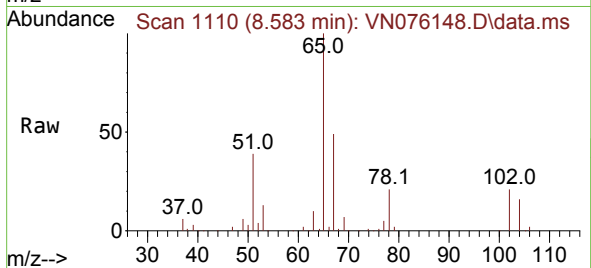
VN0109WBS01

Tgt Ion: 65 Resp: 141841

Ion Ratio Lower Upper

65 100

67 52.1 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076148.D

Acq: 09 Jan 2023 11:54

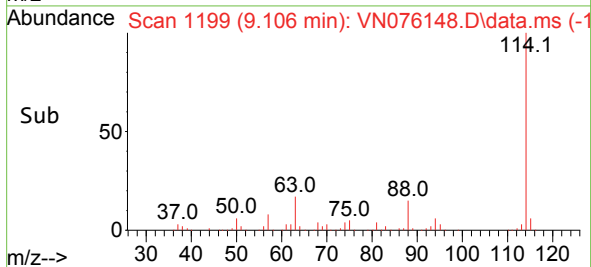
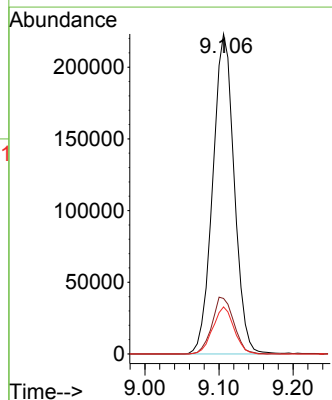
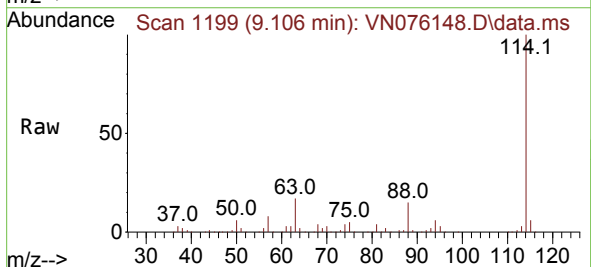
Tgt Ion: 114 Resp: 448881

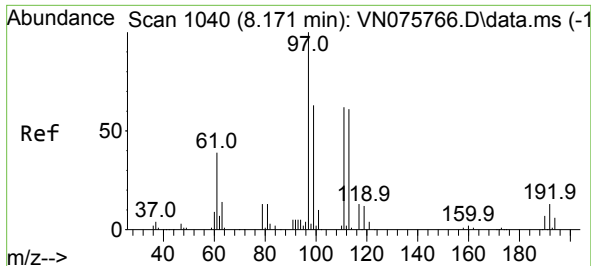
Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.4

88 14.7 0.0 28.8

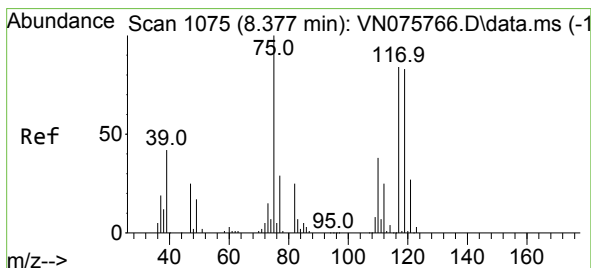
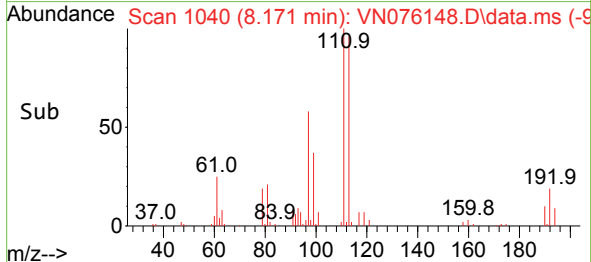
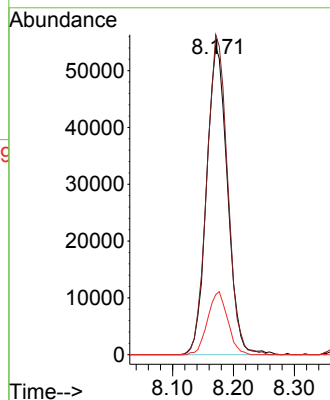
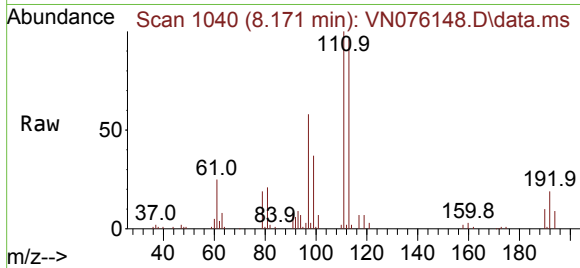




#35  
Dibromofluoromethane  
Concen: 46.714 ug/l  
RT: 8.171 min Scan# 1040  
Delta R.T. 0.000 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

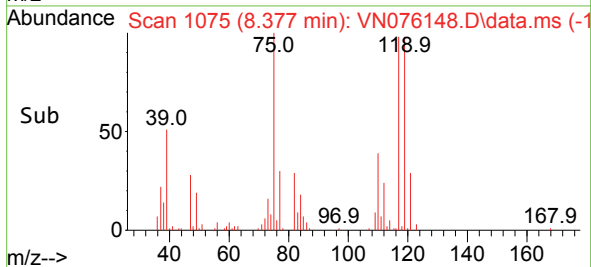
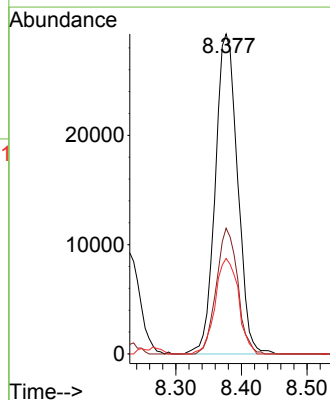
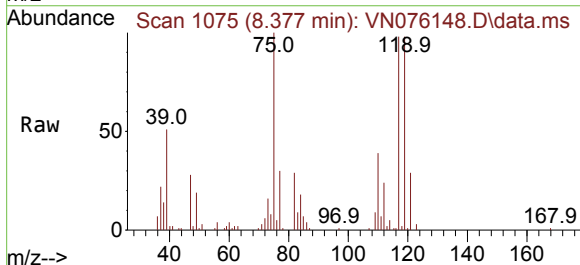
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0109WBS01

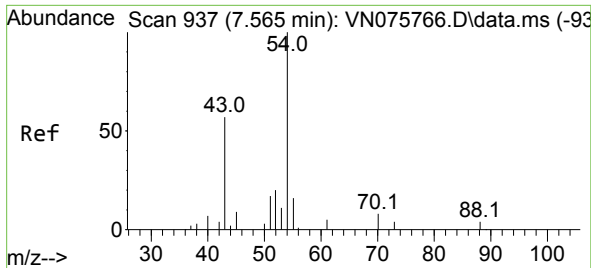
Tgt Ion:113 Resp: 129858  
Ion Ratio Lower Upper  
113 100  
111 102.8 83.4 125.2  
192 19.5 16.1 24.1



#36  
1,1-Dichloropropene  
Concen: 18.678 ug/l  
RT: 8.377 min Scan# 1075  
Delta R.T. 0.000 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

Tgt Ion: 75 Resp: 68974  
Ion Ratio Lower Upper  
75 100  
110 37.7 18.8 56.4  
77 31.1 24.1 36.1

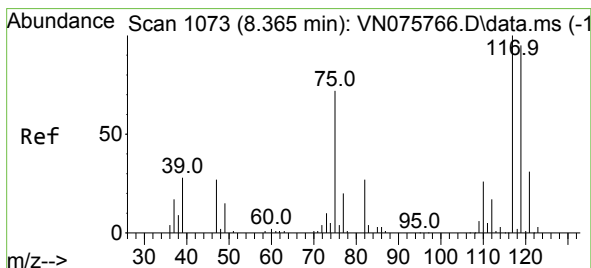
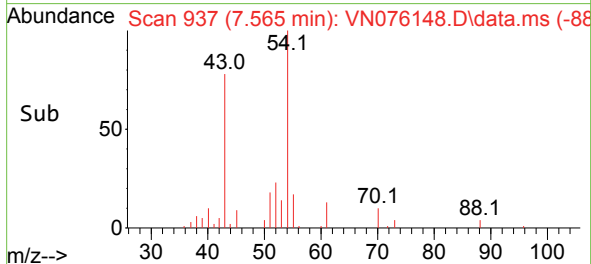
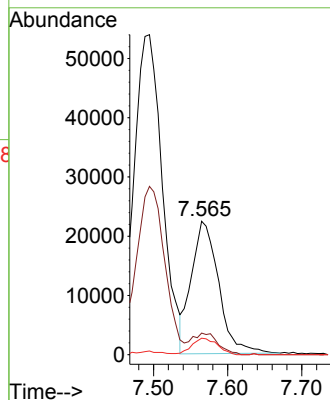
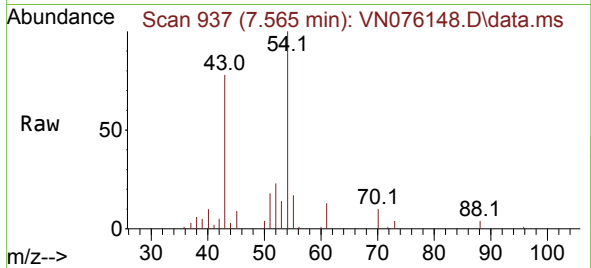




#37  
Ethyl Acetate  
Concen: 19.357 ug/l  
RT: 7.565 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

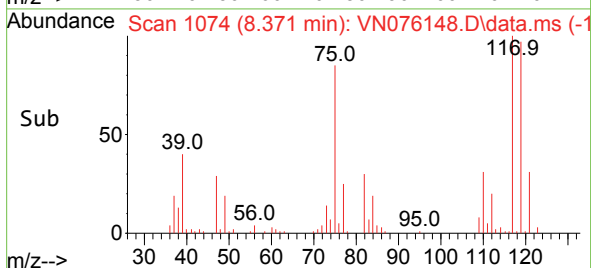
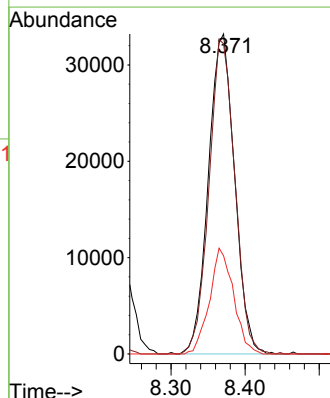
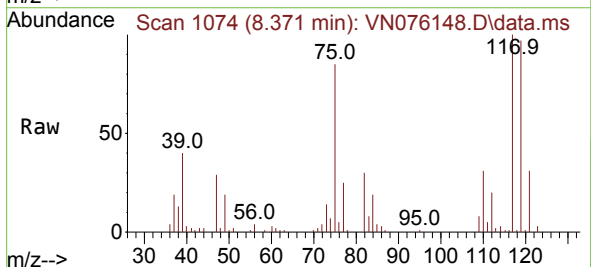
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0109WBS01

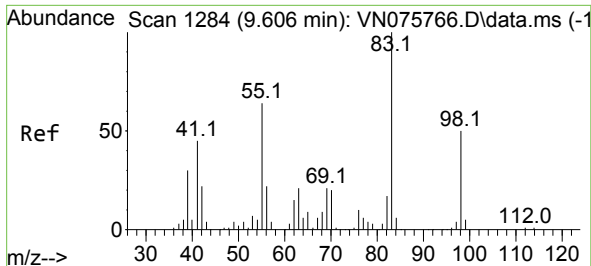
Tgt Ion: 43 Resp: 57417  
Ion Ratio Lower Upper  
43 100  
61 15.7 13.0 19.4  
70 11.7 9.4 14.0



#38  
Carbon Tetrachloride  
Concen: 19.744 ug/l  
RT: 8.371 min Scan# 1074  
Delta R.T. 0.006 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

Tgt Ion: 117 Resp: 81602  
Ion Ratio Lower Upper  
117 100  
119 96.9 76.1 114.1  
121 30.7 24.5 36.7





#39

Methylcyclohexane

Concen: 19.243 ug/l

RT: 9.606 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN076148.D

Acq: 09 Jan 2023 11:54

Instrument :

MSVOA\_N

ClientSampleId :

VN0109WBS01

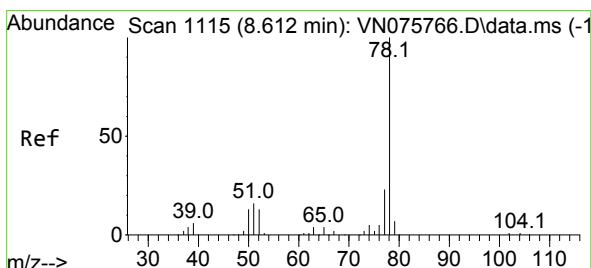
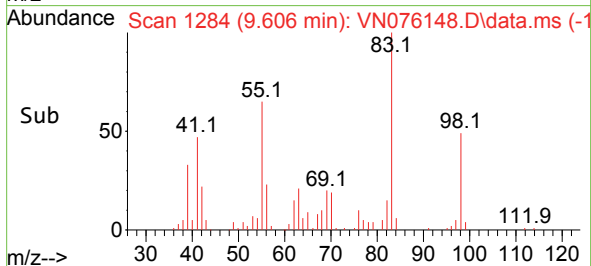
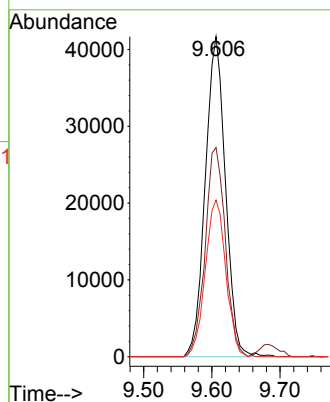
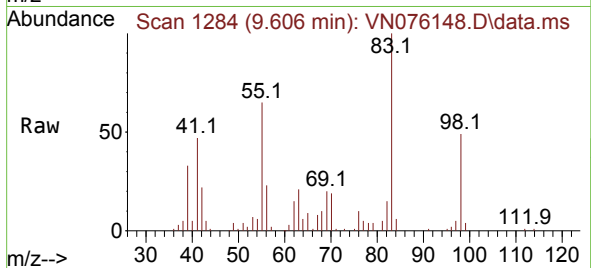
Tgt Ion: 83 Resp: 85727

Ion Ratio Lower Upper

83 100

55 65.4 51.4 77.0

98 49.0 39.8 59.8



#40

Benzene

Concen: 18.804 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN076148.D

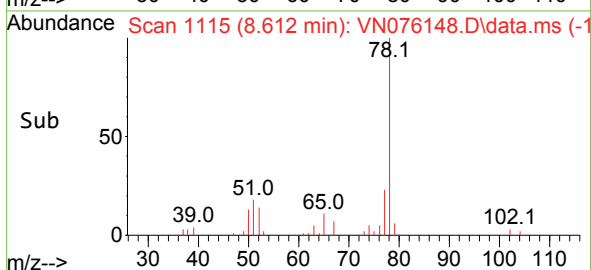
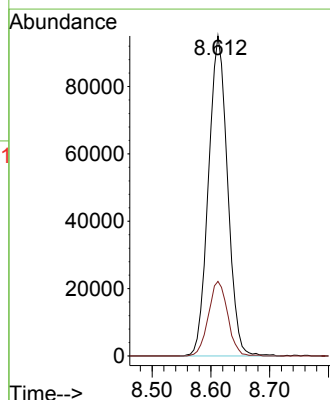
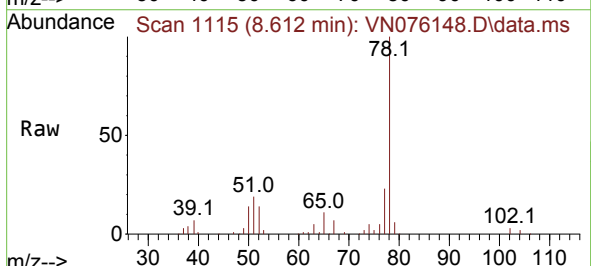
Acq: 09 Jan 2023 11:54

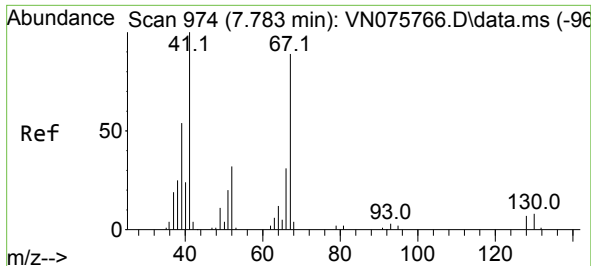
Tgt Ion: 78 Resp: 214241

Ion Ratio Lower Upper

78 100

77 23.3 18.5 27.7

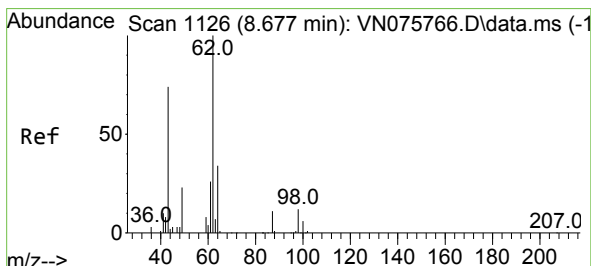
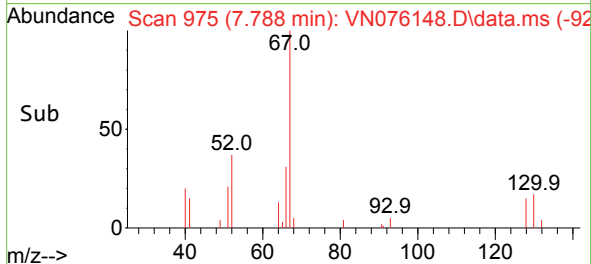
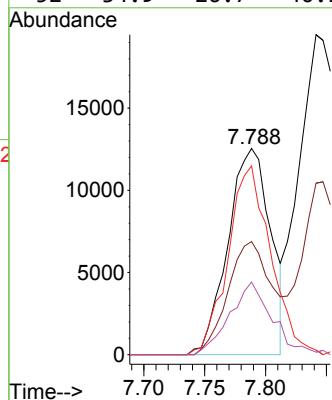
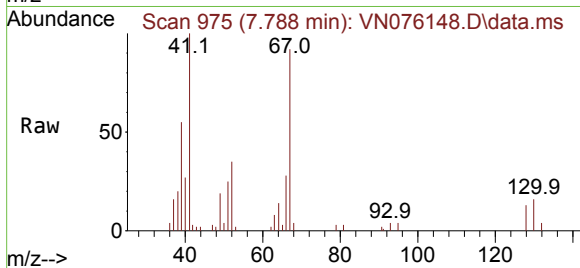




#41  
Methacrylonitrile  
Concen: 19.831 ug/l  
RT: 7.788 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

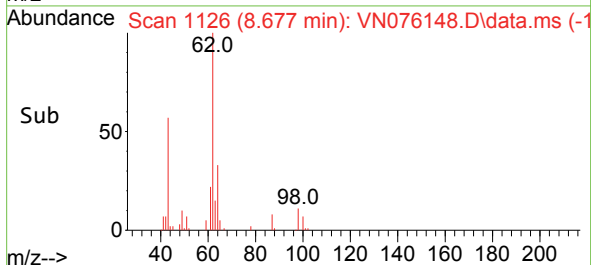
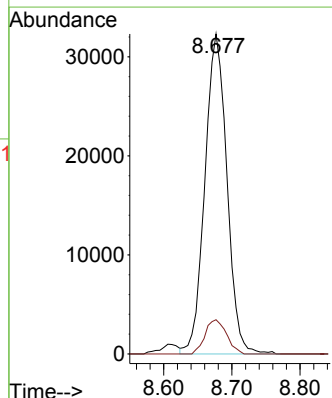
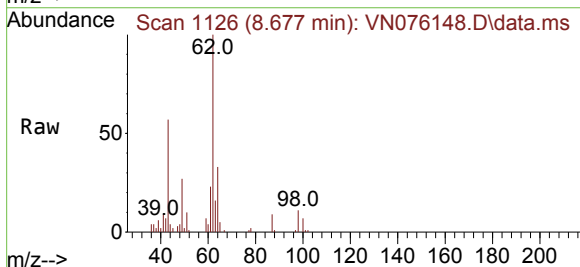
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0109WBS01

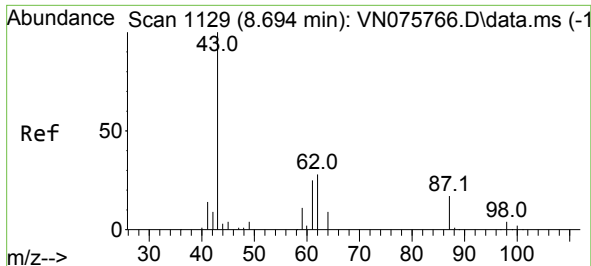
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 30575 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 55.2  | 43.1  | 64.7  |
| 67       | 92.0  | 70.7  | 106.1 |
| 52       | 34.9  | 26.7  | 40.1  |



#42  
1,2-Dichloroethane  
Concen: 19.219 ug/l  
RT: 8.677 min Scan# 1126  
Delta R.T. 0.000 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 72800 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 10.4  | 0.0   | 20.8  |

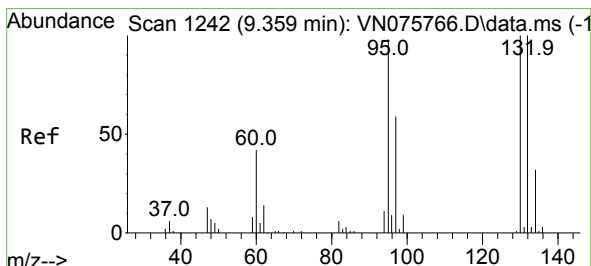
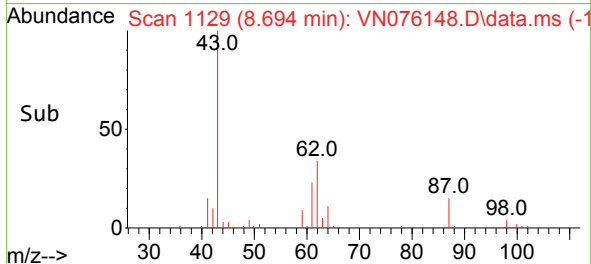
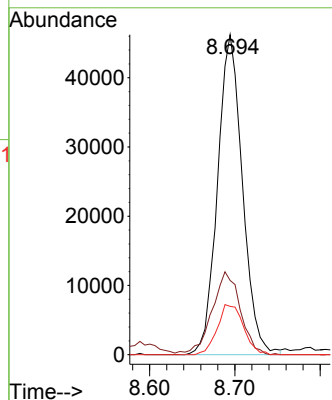
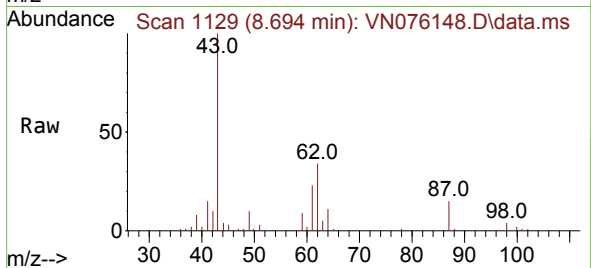




#43  
Isopropyl Acetate  
Concen: 19.196 ug/l  
RT: 8.694 min Scan# 1129  
Delta R.T. 0.000 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

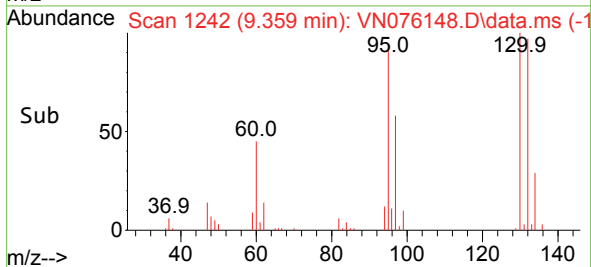
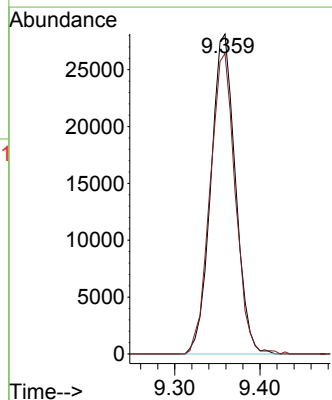
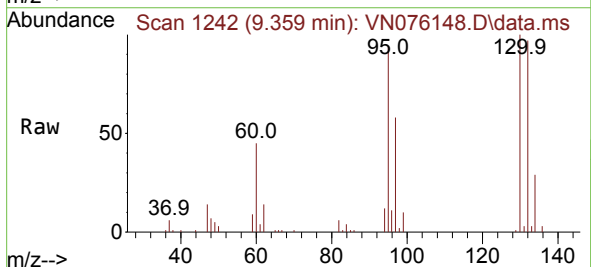
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0109WBS01

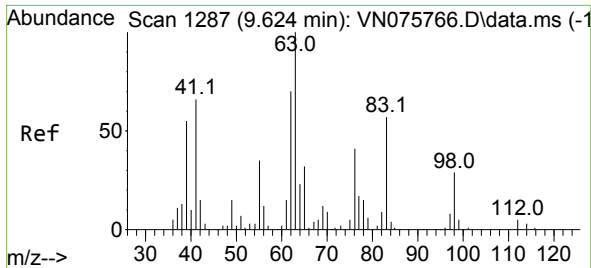
Tgt Ion: 43 Resp: 93924  
Ion Ratio Lower Upper  
43 100  
61 29.5 24.2 36.4  
87 16.5 13.3 19.9



#44  
Trichloroethene  
Concen: 17.511 ug/l  
RT: 9.359 min Scan# 1242  
Delta R.T. 0.000 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

Tgt Ion:130 Resp: 56207  
Ion Ratio Lower Upper  
130 100  
95 93.9 0.0 195.4

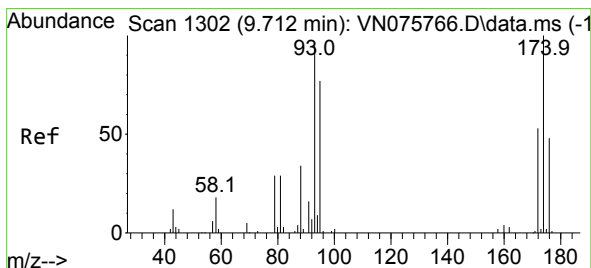
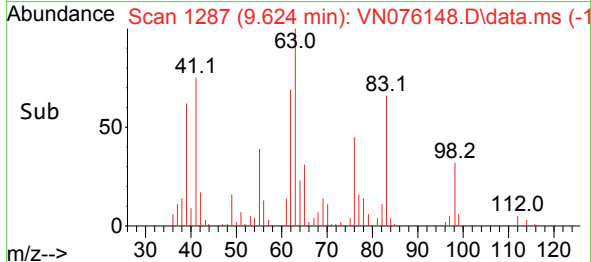
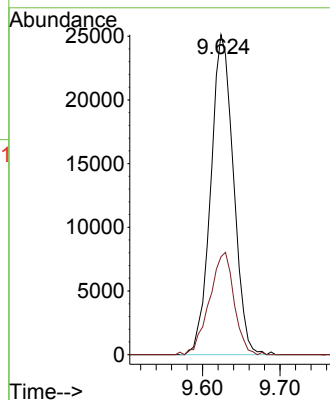
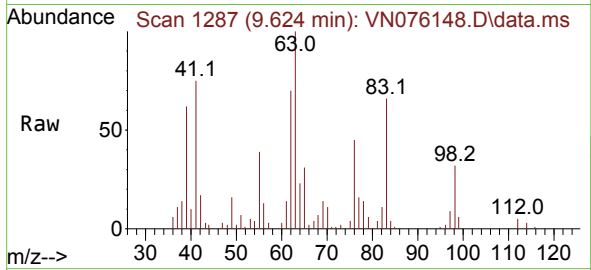




#45  
1,2-Dichloropropane  
Concen: 18.420 ug/l  
RT: 9.624 min Scan# 1287  
Delta R.T. 0.000 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

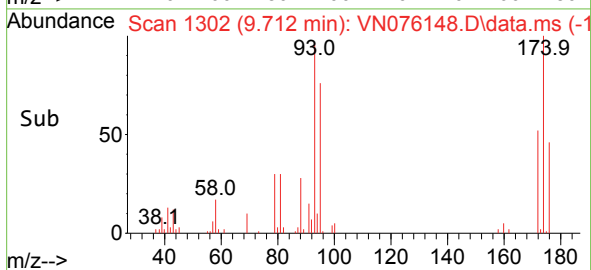
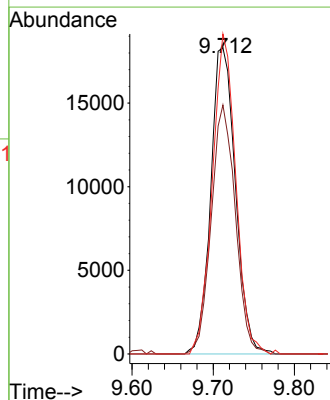
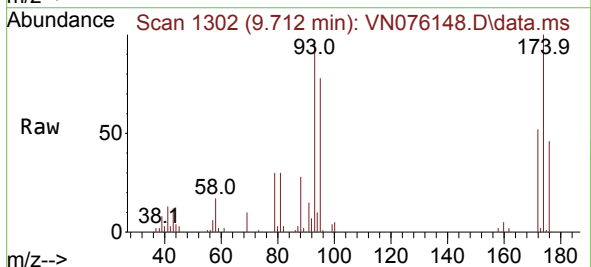
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0109WBS01

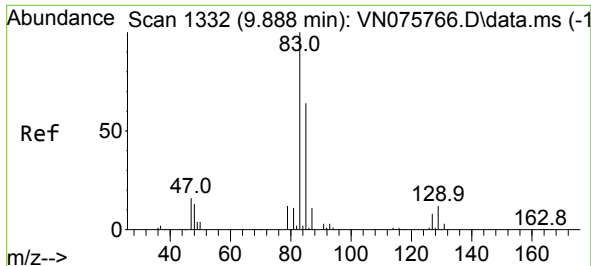
Tgt Ion: 63 Resp: 51070  
Ion Ratio Lower Upper  
63 100  
65 30.6 25.7 38.5



#46  
Dibromomethane  
Concen: 18.848 ug/l  
RT: 9.712 min Scan# 1302  
Delta R.T. 0.000 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

Tgt Ion: 93 Resp: 38759  
Ion Ratio Lower Upper  
93 100  
95 79.3 65.2 97.8  
174 99.0 82.4 123.6





#47

Bromodichloromethane

Concen: 19.295 ug/l

RT: 9.888 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN076148.D

Acq: 09 Jan 2023 11:54

Instrument :

MSVOA\_N

ClientSampleId :

VN0109WBS01

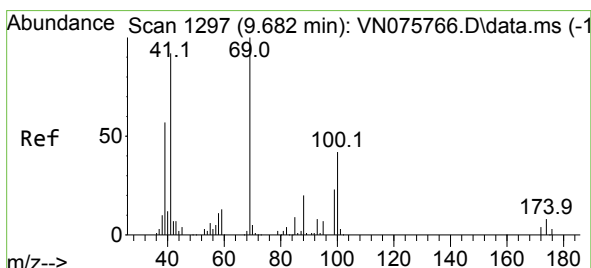
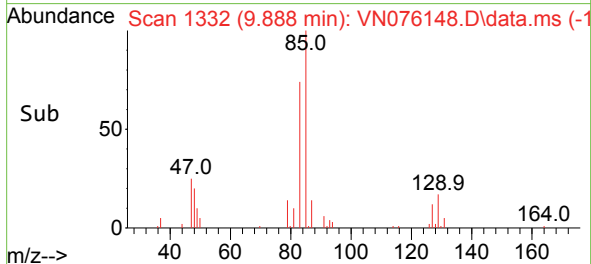
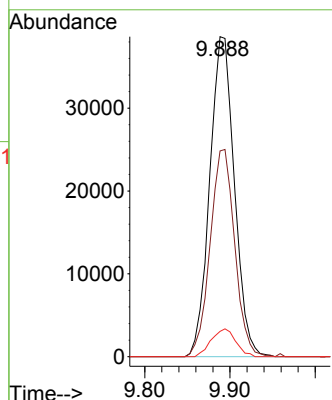
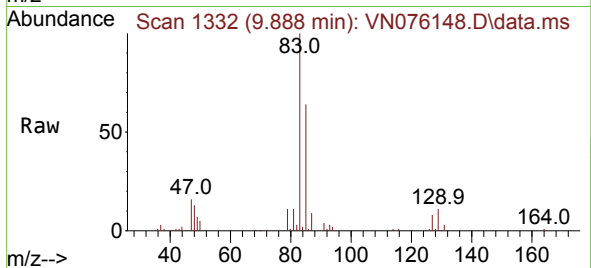
Tgt Ion: 83 Resp: 77809

Ion Ratio Lower Upper

83 100

85 64.3 51.5 77.3

127 7.9 6.6 10.0



#48

Methyl methacrylate

Concen: 19.596 ug/l

RT: 9.688 min Scan# 1298

Delta R.T. 0.006 min

Lab File: VN076148.D

Acq: 09 Jan 2023 11:54

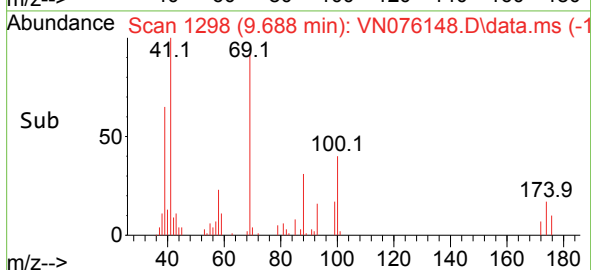
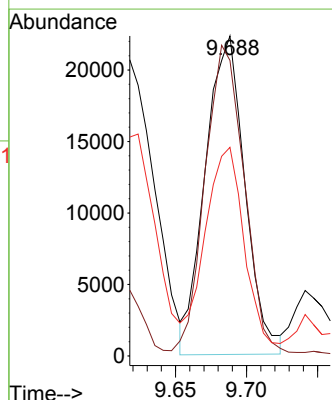
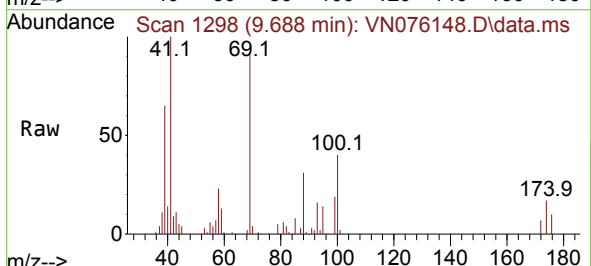
Tgt Ion: 41 Resp: 43185

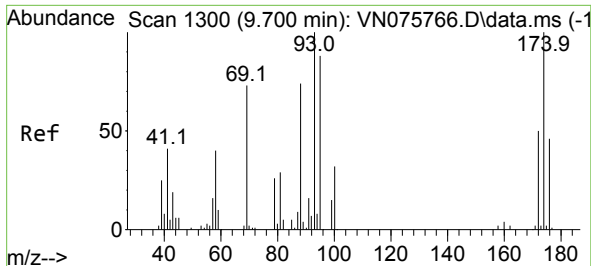
Ion Ratio Lower Upper

41 100

69 95.3 81.9 122.9

39 66.8 51.6 77.4

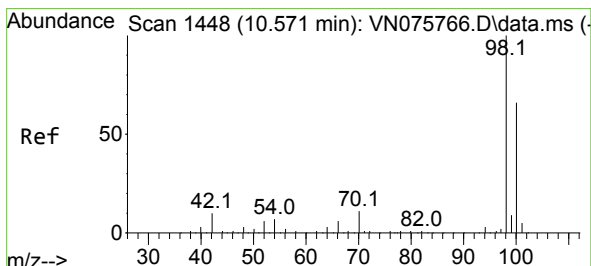
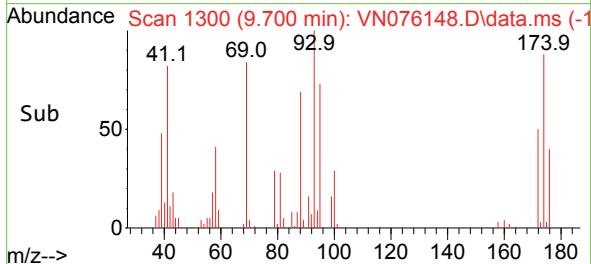
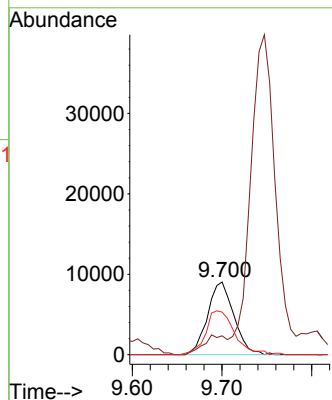
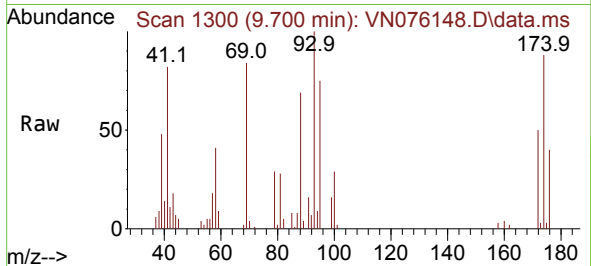




#49  
1,4-Dioxane  
Concen: 340.288 ug/l  
RT: 9.700 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

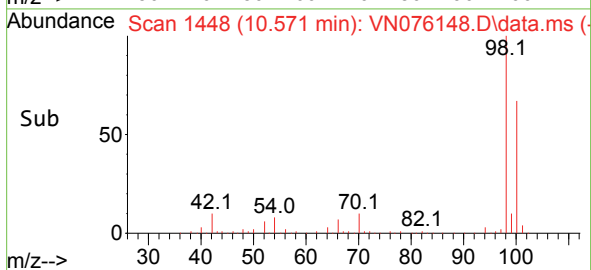
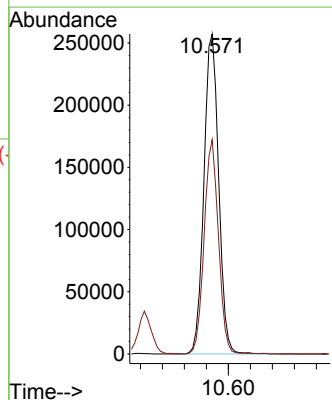
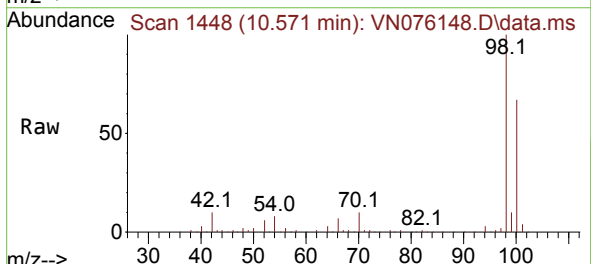
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0109WBS01

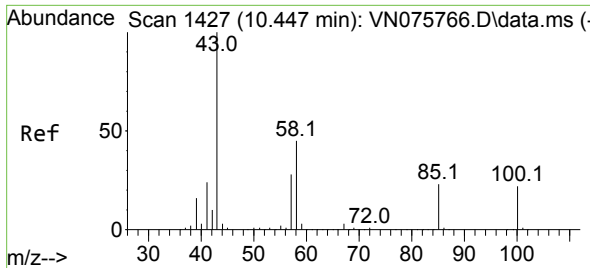
Tgt Ion: 88 Resp: 18436  
Ion Ratio Lower Upper  
88 100  
43 23.5 17.1 25.7  
58 66.2 47.8 71.8



#50  
Toluene-d8  
Concen: 45.950 ug/l  
RT: 10.571 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

Tgt Ion: 98 Resp: 477586  
Ion Ratio Lower Upper  
98 100  
100 65.1 52.1 78.1

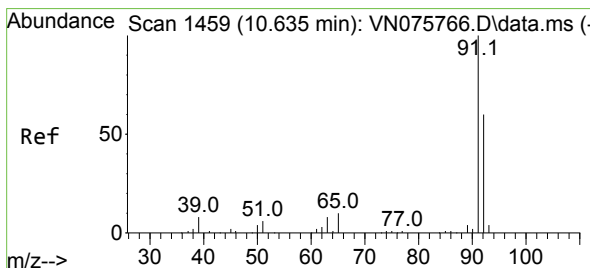
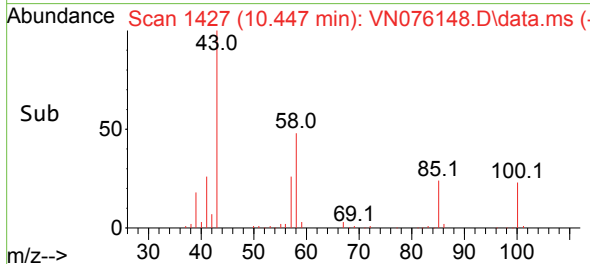
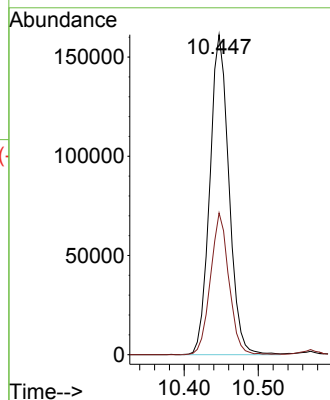
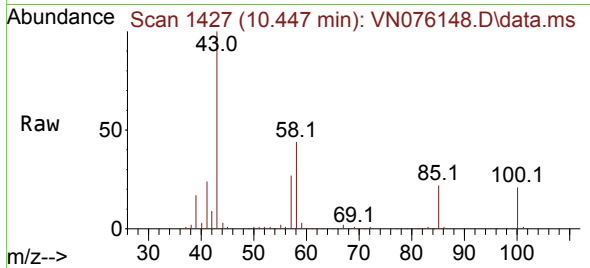




#51  
4-Methyl-2-Pentanone  
Concen: 97.791 ug/l  
RT: 10.447 min Scan# 1427  
Delta R.T. 0.000 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

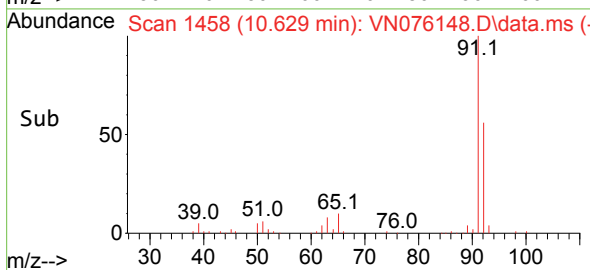
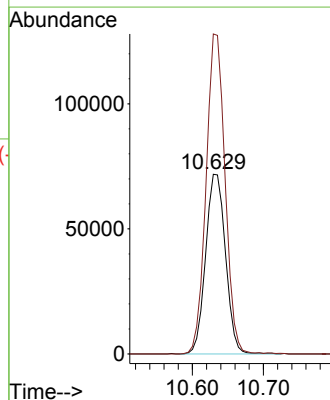
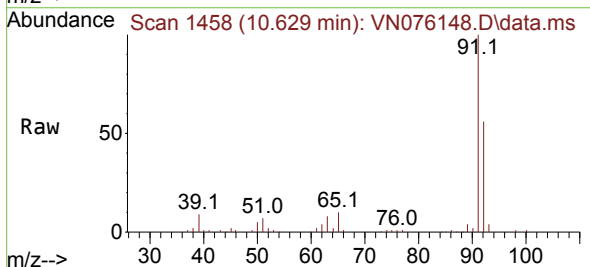
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0109WBS01

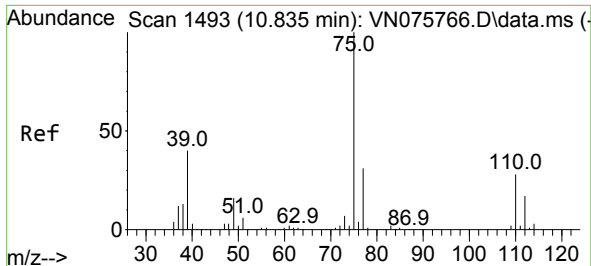
Tgt Ion: 43 Resp: 289370  
Ion Ratio Lower Upper  
43 100  
58 42.7 35.5 53.3



#52  
Toluene  
Concen: 18.833 ug/l  
RT: 10.629 min Scan# 1458  
Delta R.T. -0.006 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

Tgt Ion: 92 Resp: 139745  
Ion Ratio Lower Upper  
92 100  
91 170.2 137.3 205.9

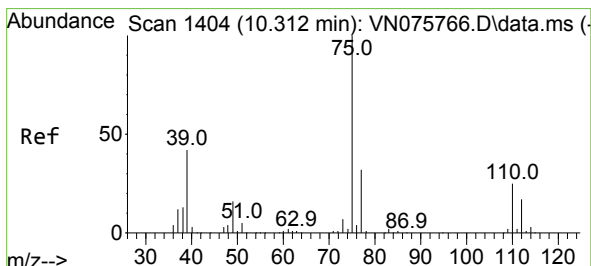
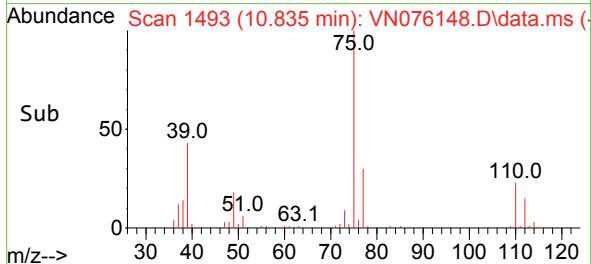
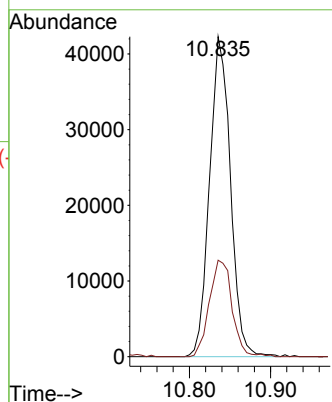
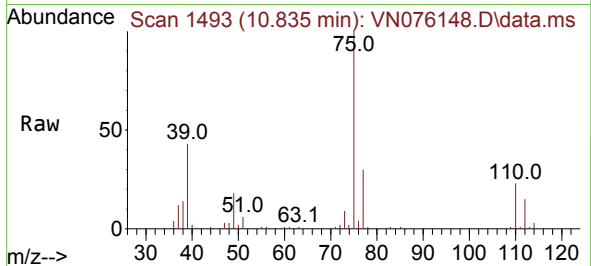




#53  
 t-1,3-Dichloropropene  
 Concen: 19.129 ug/l  
 RT: 10.835 min Scan# 1493  
 Delta R.T. 0.000 min  
 Lab File: VN076148.D  
 Acq: 09 Jan 2023 11:54

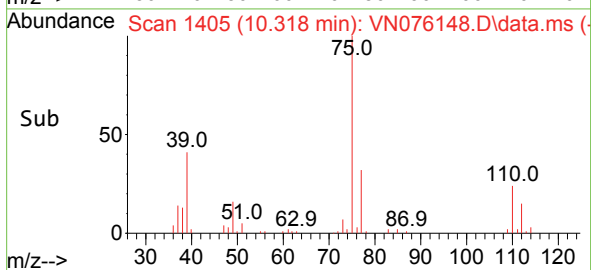
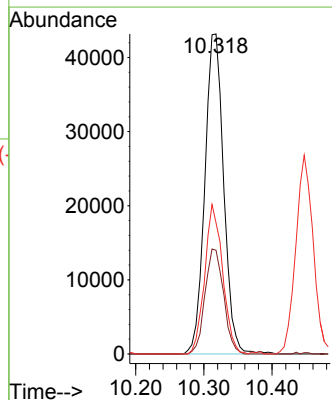
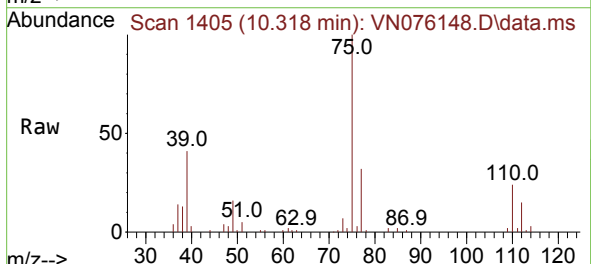
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0109WBS01

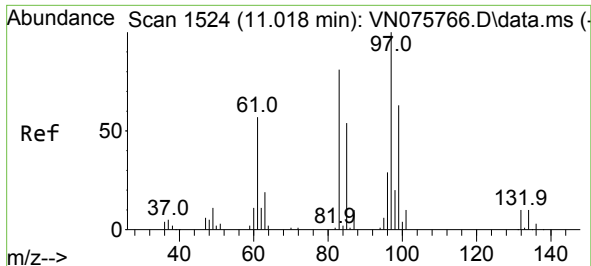
Tgt Ion: 75 Resp: 75511  
 Ion Ratio Lower Upper  
 75 100  
 77 30.2 24.9 37.3



#54  
 cis-1,3-Dichloropropene  
 Concen: 19.218 ug/l  
 RT: 10.318 min Scan# 1405  
 Delta R.T. 0.006 min  
 Lab File: VN076148.D  
 Acq: 09 Jan 2023 11:54

Tgt Ion: 75 Resp: 83295  
 Ion Ratio Lower Upper  
 75 100  
 77 32.4 25.8 38.8  
 39 40.9 33.4 50.2

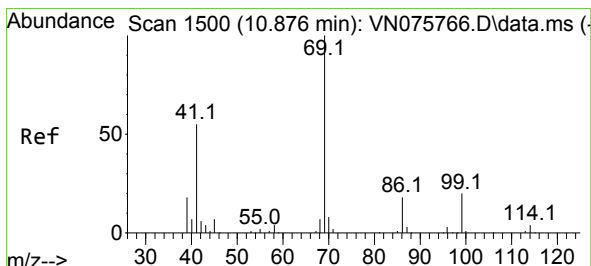
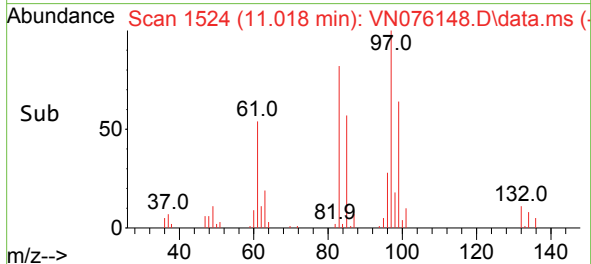
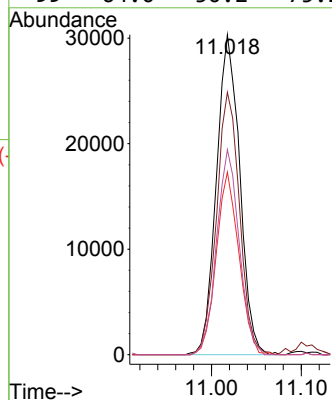
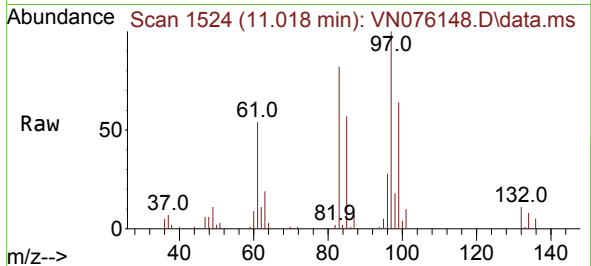




#55  
1,1,2-Trichloroethane  
Concen: 18.774 ug/l  
RT: 11.018 min Scan# 1100  
Delta R.T. 0.000 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

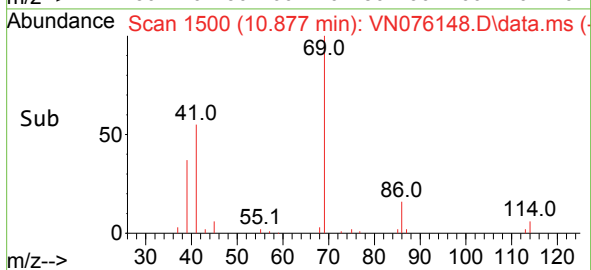
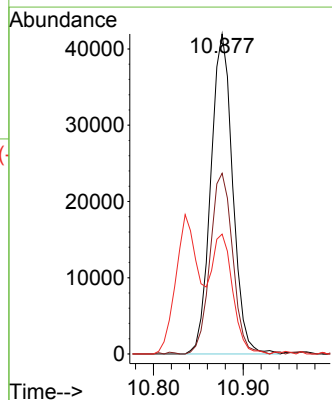
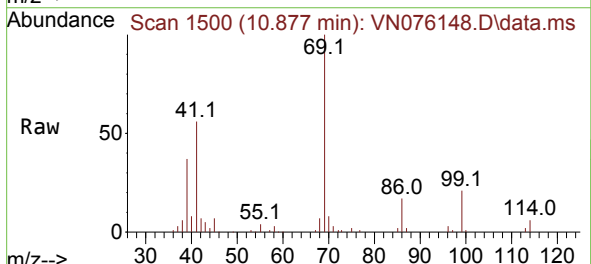
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0109WBS01

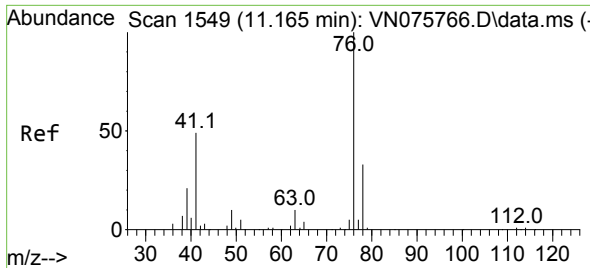
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 54678 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 82.0     | 65.0 97.4   |
| 85 57.1     | 43.0 64.6   |
| 99 64.0     | 50.2 75.2   |



#56  
Ethyl methacrylate  
Concen: 18.370 ug/l  
RT: 10.877 min Scan# 1500  
Delta R.T. 0.000 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 71064 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 58.3     | 44.2 66.4   |
| 39 35.4     | 26.4 39.6   |

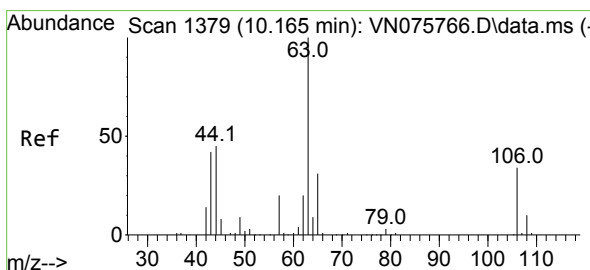
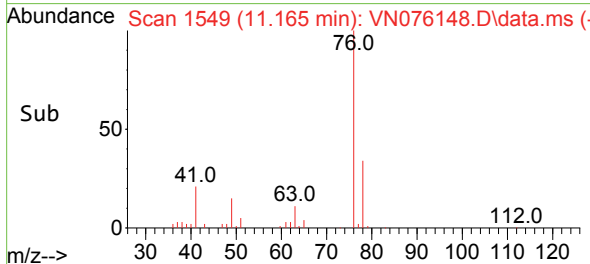
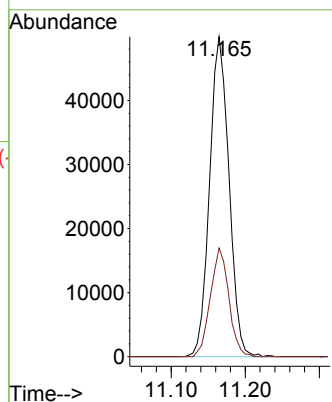
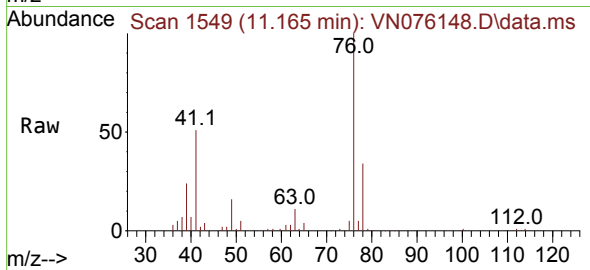




#57  
1,3-Dichloropropane  
Concen: 18.990 ug/l  
RT: 11.165 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

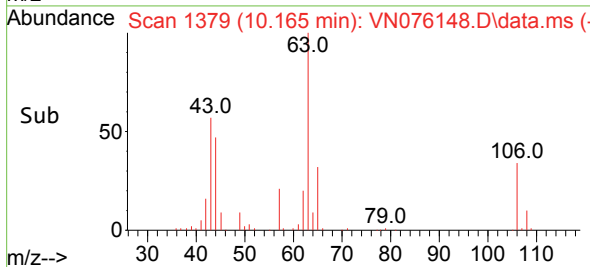
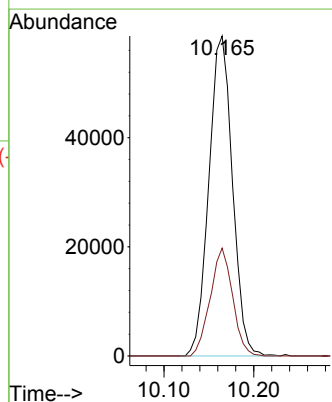
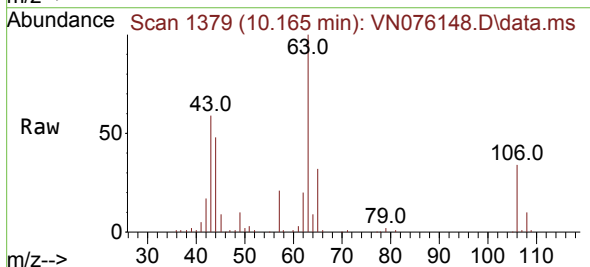
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0109WBS01

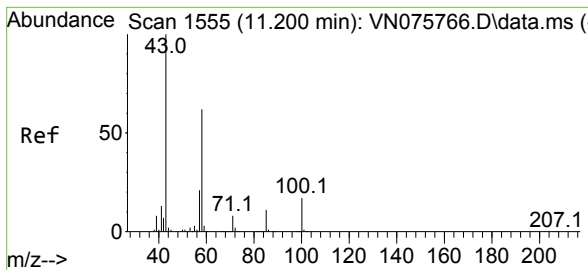
Tgt Ion: 76 Resp: 90724  
Ion Ratio Lower Upper  
76 100  
78 32.3 26.2 39.2



#58  
2-Chloroethyl Vinyl ether  
Concen: 86.828 ug/l  
RT: 10.165 min Scan# 1379  
Delta R.T. 0.000 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

Tgt Ion: 63 Resp: 106944  
Ion Ratio Lower Upper  
63 100  
106 32.0 26.4 39.6

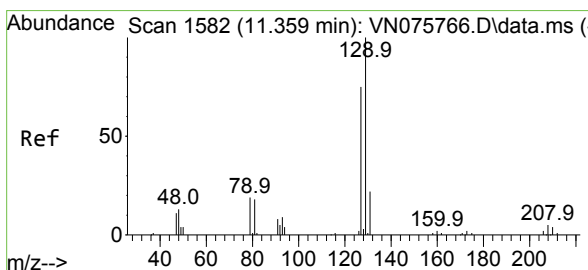
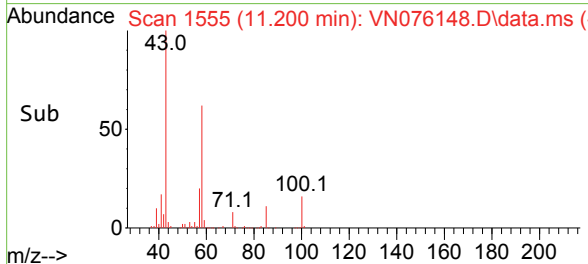
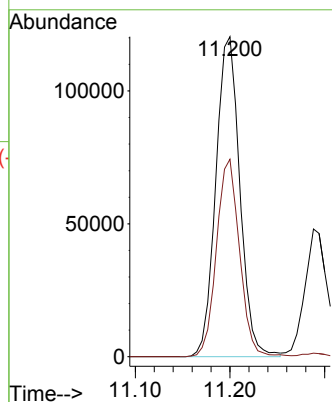
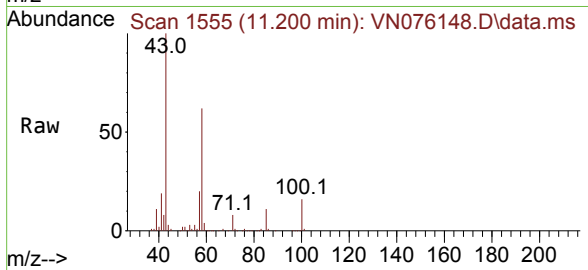




#59  
2-Hexanone  
Concen: 98.368 ug/l  
RT: 11.200 min Scan# 1555  
Delta R.T. 0.000 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

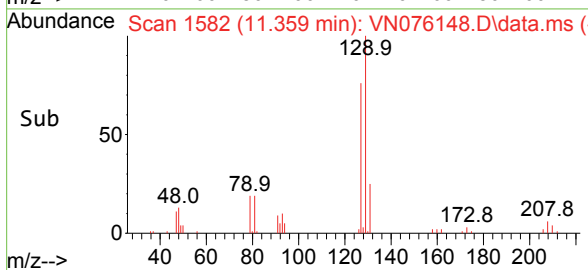
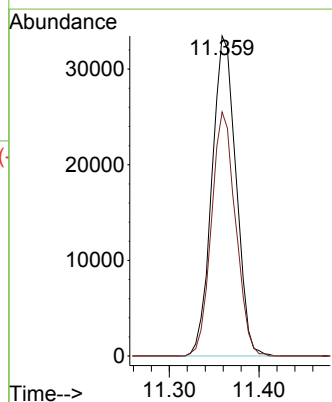
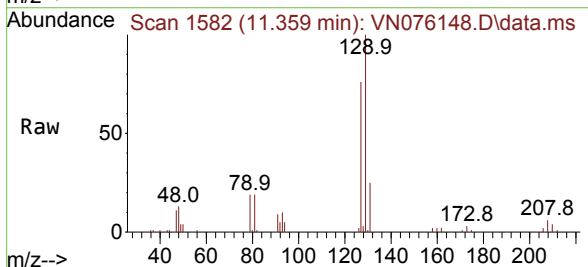
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0109WBS01

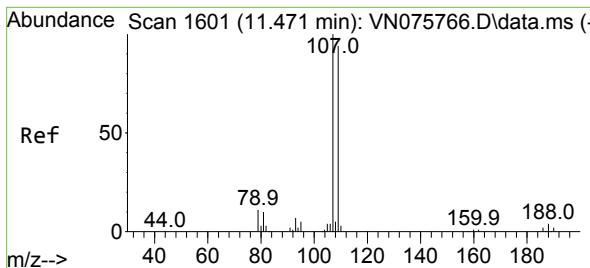
Tgt Ion: 43 Resp: 212273  
Ion Ratio Lower Upper  
43 100  
58 59.4 30.6 92.0



#60  
Dibromochloromethane  
Concen: 19.301 ug/l  
RT: 11.359 min Scan# 1582  
Delta R.T. 0.000 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

Tgt Ion: 129 Resp: 62515  
Ion Ratio Lower Upper  
129 100  
127 76.2 38.3 114.9

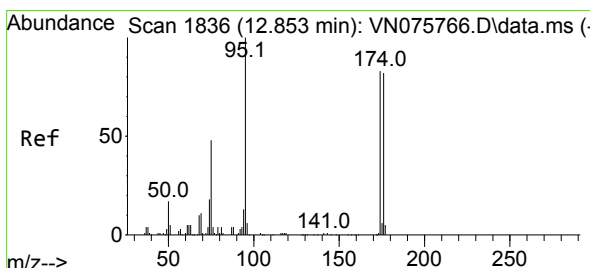
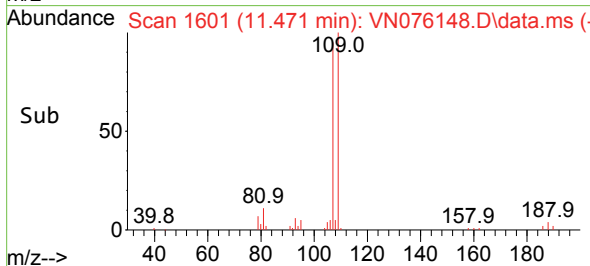
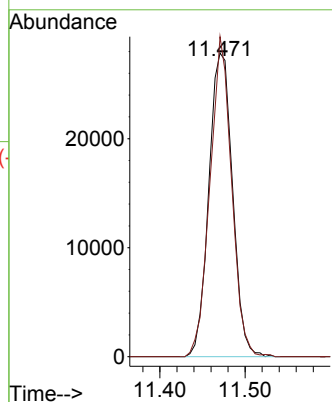
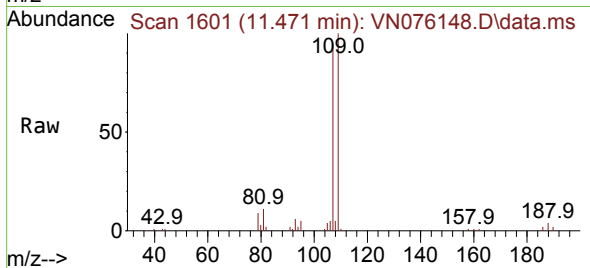




#61  
1,2-Dibromoethane  
Concen: 18.248 ug/l  
RT: 11.471 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

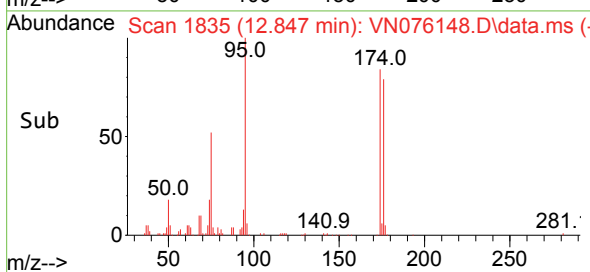
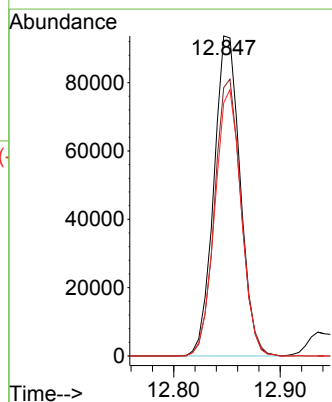
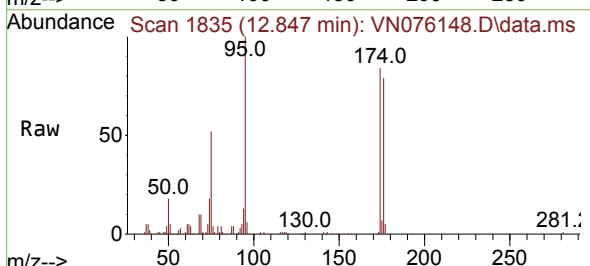
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0109WBS01

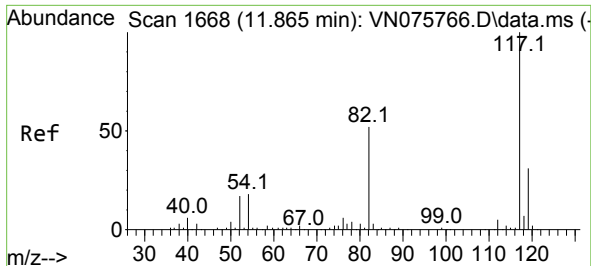
Tgt Ion:107 Resp: 53782  
Ion Ratio Lower Upper  
107 100  
109 96.5 74.8 112.2



#62  
4-Bromofluorobenzene  
Concen: 46.588 ug/l  
RT: 12.847 min Scan# 1835  
Delta R.T. -0.006 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

Tgt Ion: 95 Resp: 160377  
Ion Ratio Lower Upper  
95 100  
174 86.6 0.0 171.6  
176 83.4 0.0 169.2

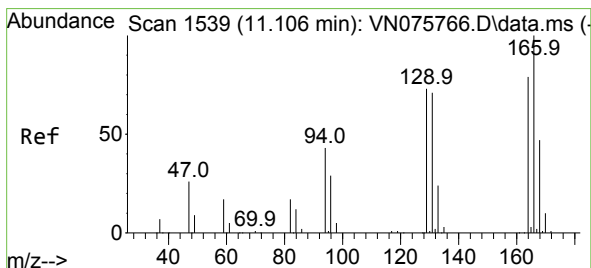
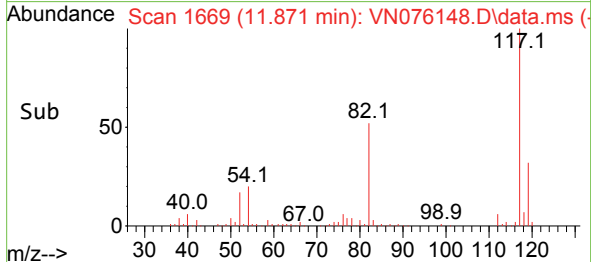
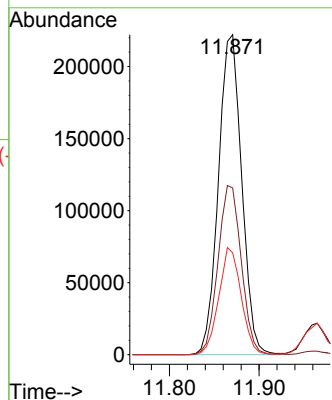
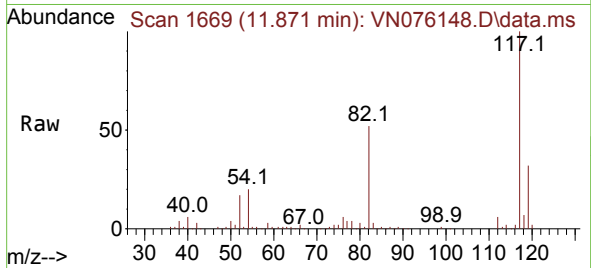




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

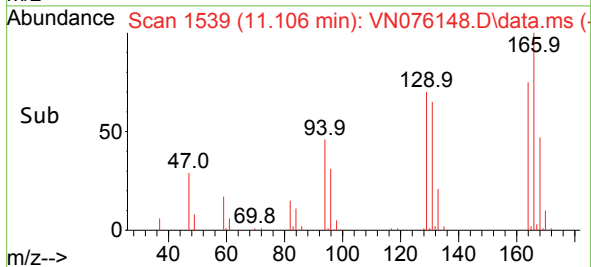
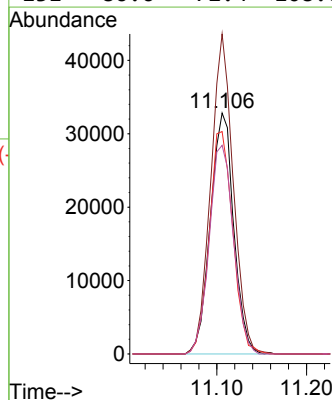
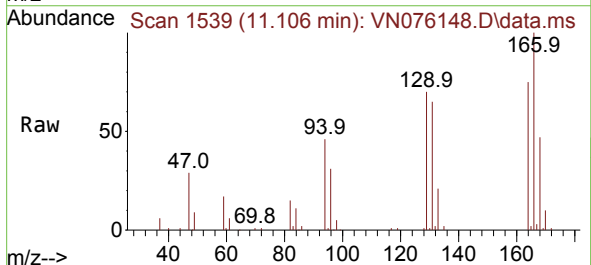
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0109WBS01

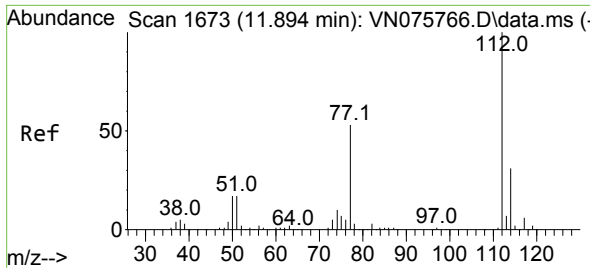
Tgt Ion:117 Resp: 399965  
Ion Ratio Lower Upper  
117 100  
82 52.1 41.3 61.9  
119 31.9 24.6 37.0



#64  
Tetrachloroethene  
Concen: 21.056 ug/l  
RT: 11.106 min Scan# 1539  
Delta R.T. 0.000 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

Tgt Ion:164 Resp: 59260  
Ion Ratio Lower Upper  
164 100  
166 132.8 101.9 152.9  
129 92.3 74.2 111.2  
131 86.6 72.4 108.6

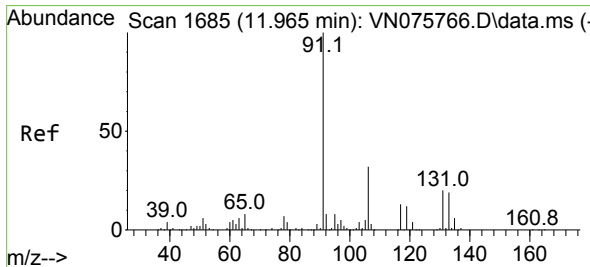
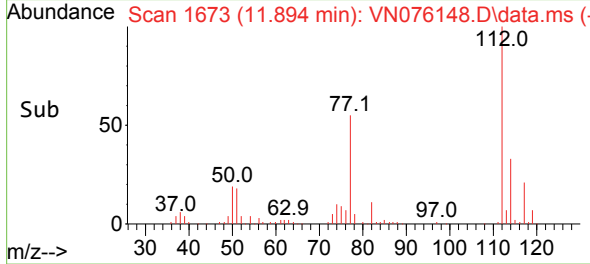
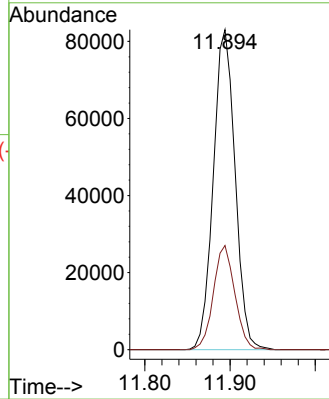
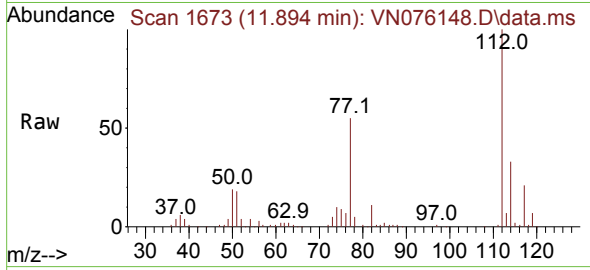




#65  
Chlorobenzene  
Concen: 17.946 ug/l  
RT: 11.894 min Scan# 1673  
Delta R.T. 0.000 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

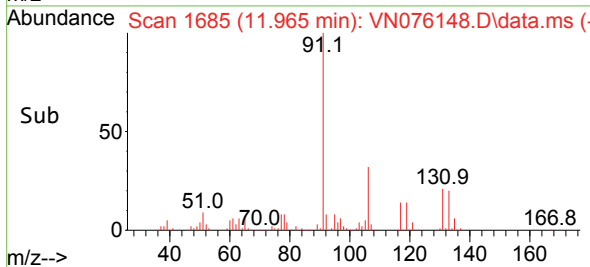
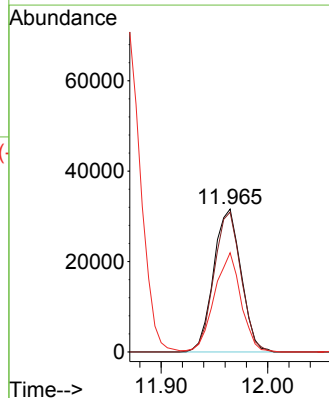
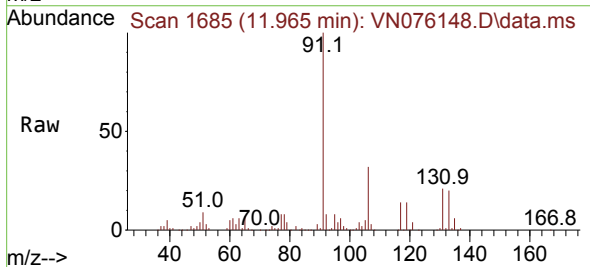
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0109WBS01

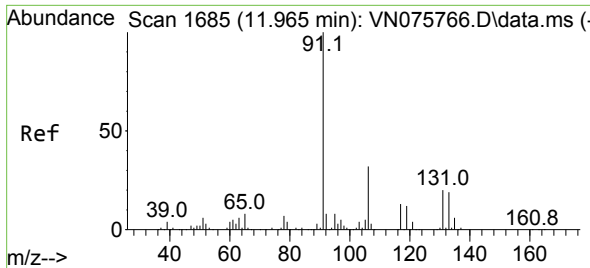
Tgt Ion:112 Resp: 147326  
Ion Ratio Lower Upper  
112 100  
114 32.6 24.7 37.1



#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.680 ug/l  
RT: 11.965 min Scan# 1685  
Delta R.T. 0.000 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

Tgt Ion:131 Resp: 56801  
Ion Ratio Lower Upper  
131 100  
133 96.3 47.5 142.5  
119 67.1 31.9 95.7

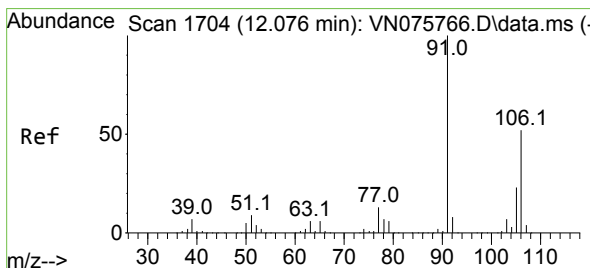
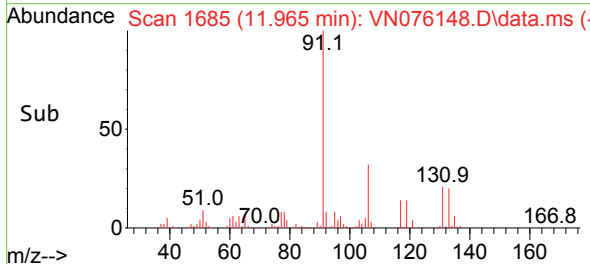
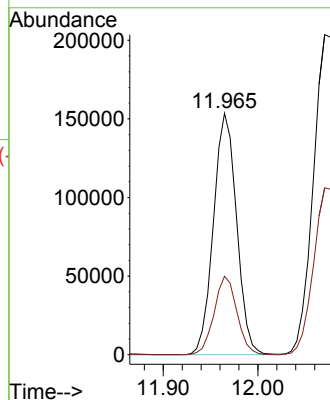
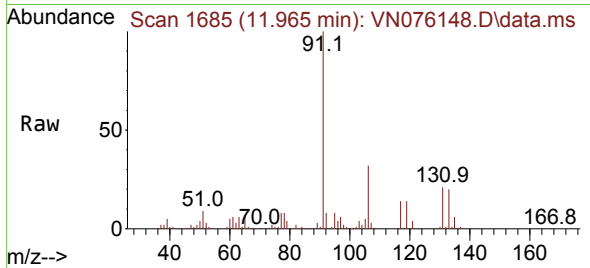




#67  
Ethyl Benzene  
Concen: 18.826 ug/l  
RT: 11.965 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

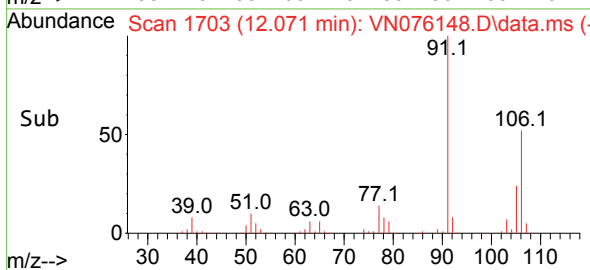
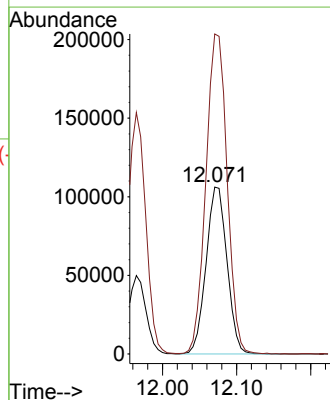
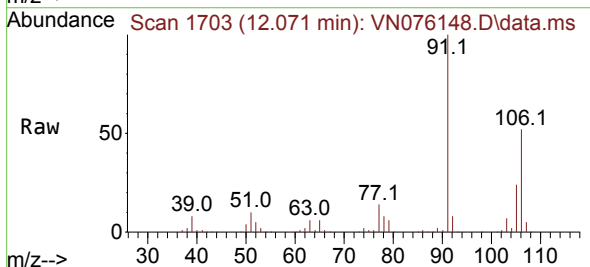
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0109WBS01

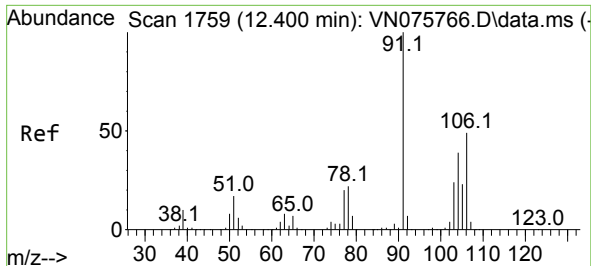
Tgt Ion: 91 Resp: 260834  
Ion Ratio Lower Upper  
91 100  
106 32.5 25.7 38.5



#68  
m/p-Xylenes  
Concen: 37.968 ug/l  
RT: 12.071 min Scan# 1703  
Delta R.T. -0.006 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

Tgt Ion:106 Resp: 208208  
Ion Ratio Lower Upper  
106 100  
91 194.7 156.6 235.0

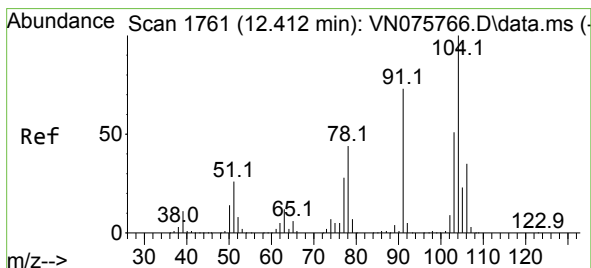
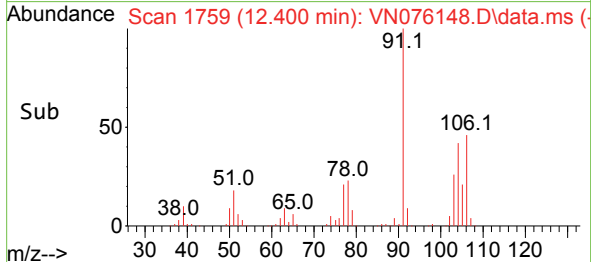
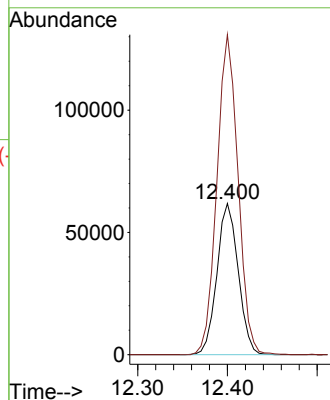
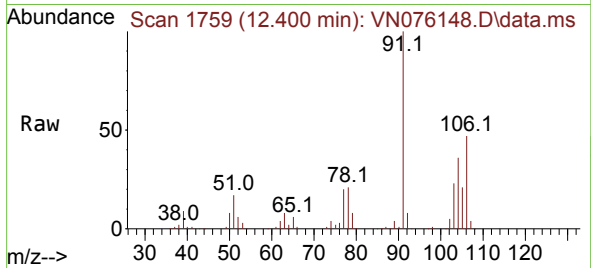




#69  
o-Xylene  
Concen: 18.784 ug/l  
RT: 12.400 min Scan# 1759  
Delta R.T. 0.000 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

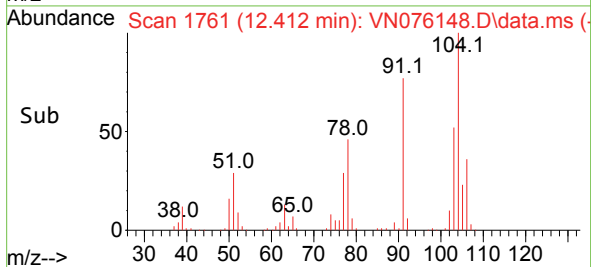
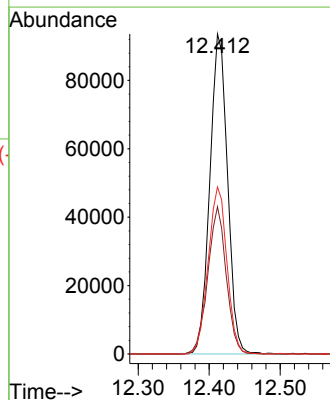
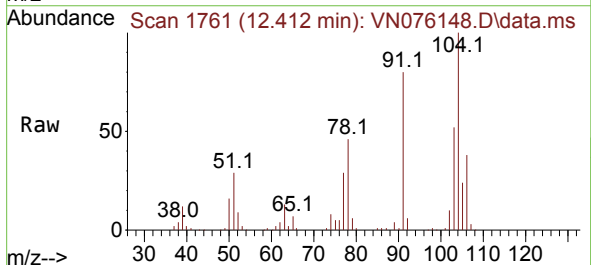
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0109WBS01

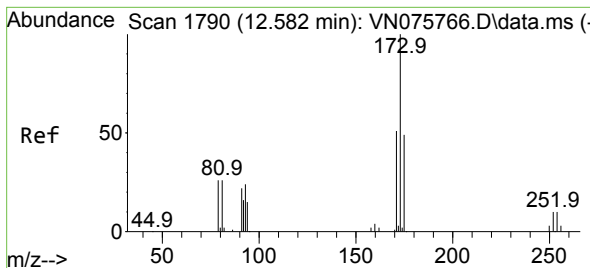
Tgt Ion:106 Resp: 101935  
Ion Ratio Lower Upper  
106 100  
91 210.3 103.8 311.6



#70  
Styrene  
Concen: 18.777 ug/l  
RT: 12.412 min Scan# 1761  
Delta R.T. 0.000 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

Tgt Ion:104 Resp: 162024  
Ion Ratio Lower Upper  
104 100  
78 47.9 37.5 56.3  
103 55.3 43.5 65.3





#71

Bromoform

Concen: 20.729 ug/l

RT: 12.576 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN076148.D

Acq: 09 Jan 2023 11:54

Instrument :

MSVOA\_N

ClientSampleId :

VN0109WBS01

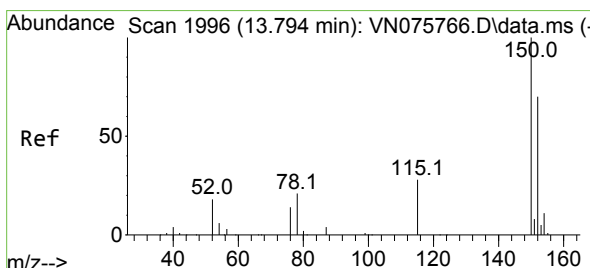
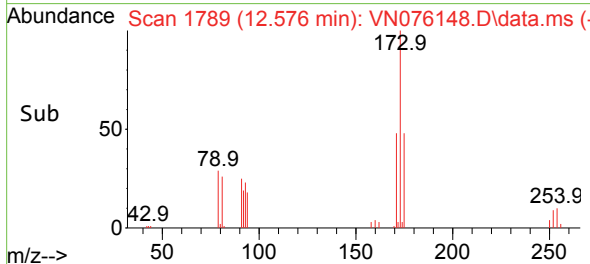
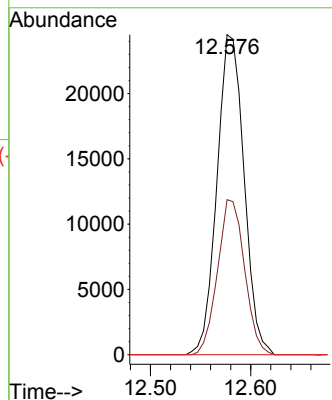
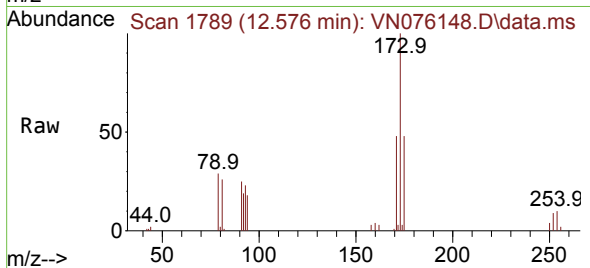
Tgt Ion:173 Resp: 45865

Ion Ratio Lower Upper

173 100

175 48.3 24.3 72.8

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: VN076148.D

Acq: 09 Jan 2023 11:54

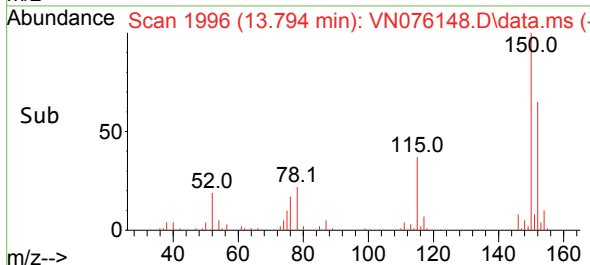
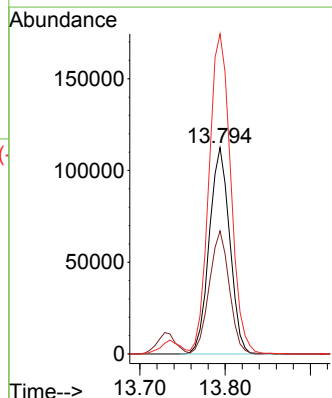
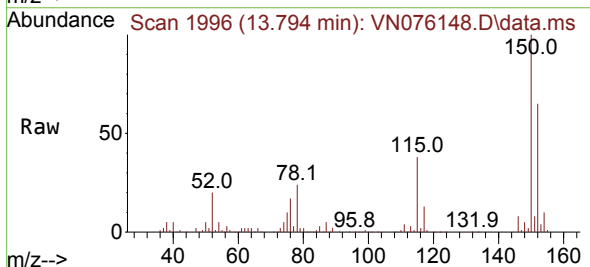
Tgt Ion:152 Resp: 187284

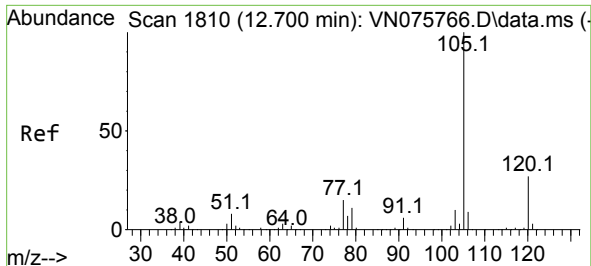
Ion Ratio Lower Upper

152 100

115 58.4 29.1 87.4

150 165.0 0.0 347.0

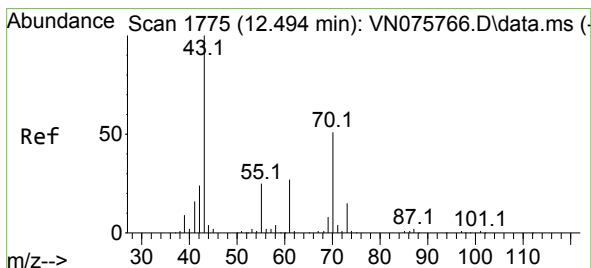
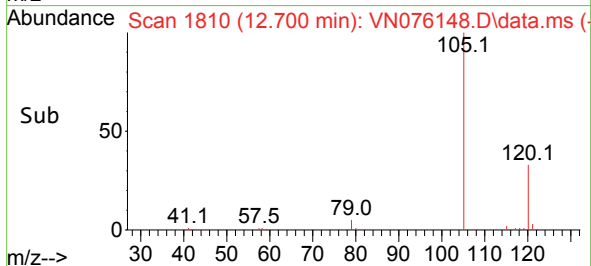
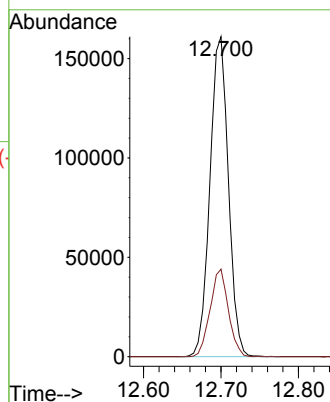
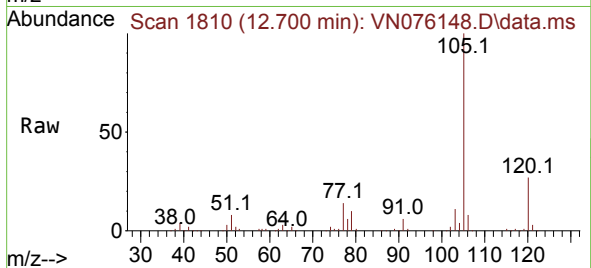




#73  
Isopropylbenzene  
Concen: 19.668 ug/l  
RT: 12.700 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

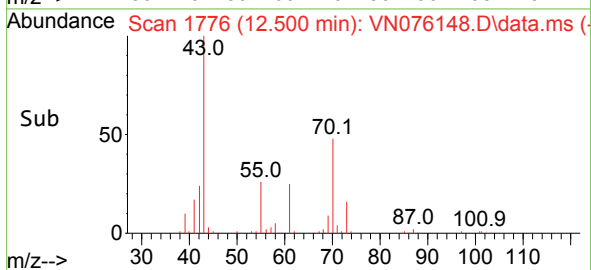
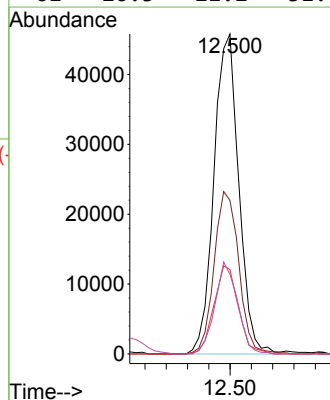
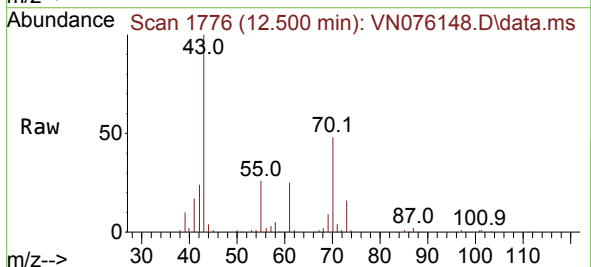
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0109WBS01

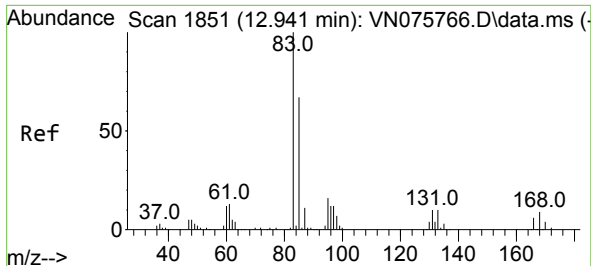
Tgt Ion:105 Resp: 266187  
Ion Ratio Lower Upper  
105 100  
120 27.1 13.4 40.2



#74  
N-ethyl acetate  
Concen: 18.658 ug/l  
RT: 12.500 min Scan# 1776  
Delta R.T. 0.006 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

Tgt Ion: 43 Resp: 74079  
Ion Ratio Lower Upper  
43 100  
70 50.5 41.4 62.0  
55 27.1 21.3 31.9  
61 26.3 21.2 31.8

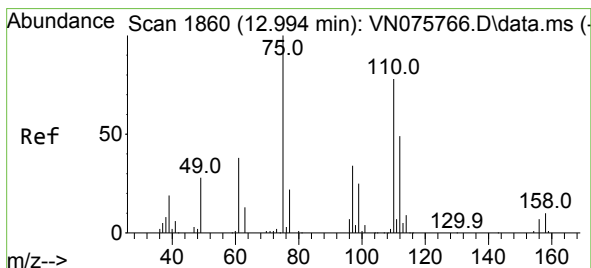
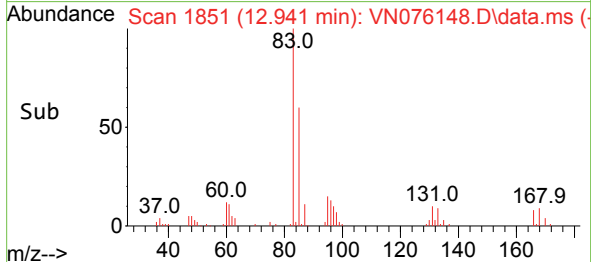
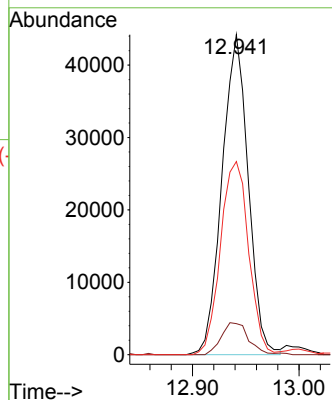
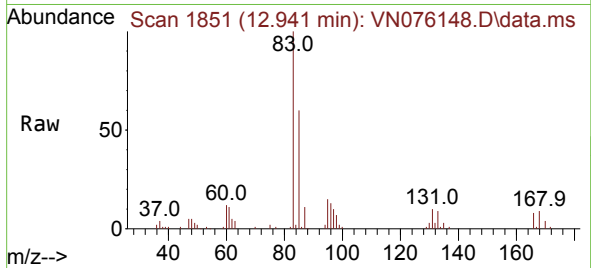




#75  
1,1,2,2-Tetrachloroethane  
Concen: 18.034 ug/l  
RT: 12.941 min Scan# 1851  
Delta R.T. 0.000 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

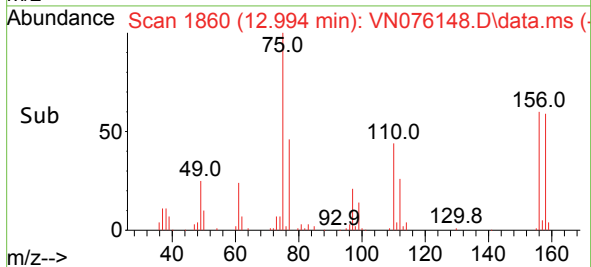
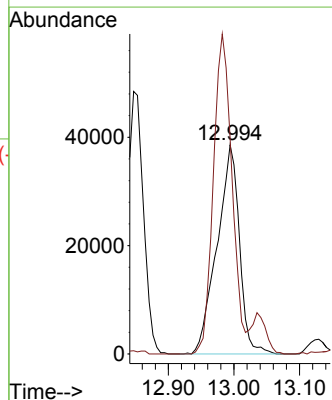
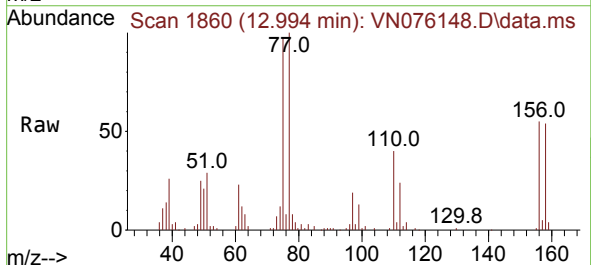
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0109WBS01

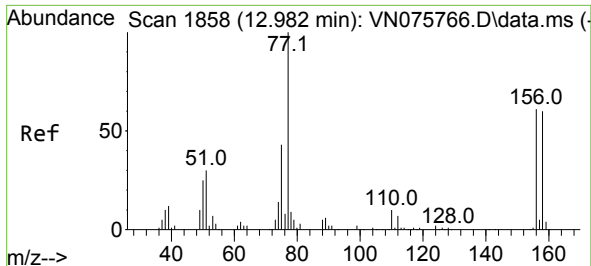
Tgt Ion: 83 Resp: 75451  
Ion Ratio Lower Upper  
83 100  
131 10.5 5.6 16.8  
85 64.7 32.6 98.0



#76  
1,2,3-Trichloropropane  
Concen: 24.157 ug/l  
RT: 12.994 min Scan# 1860  
Delta R.T. 0.000 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

Tgt Ion: 75 Resp: 91198  
Ion Ratio Lower Upper  
75 100  
77 127.4 82.6 247.8

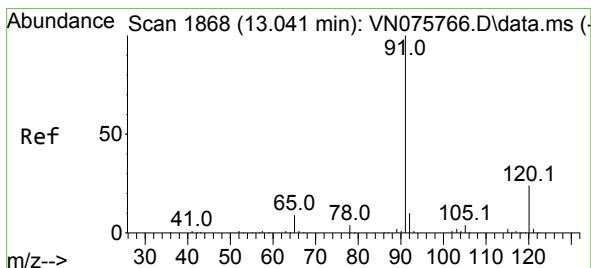
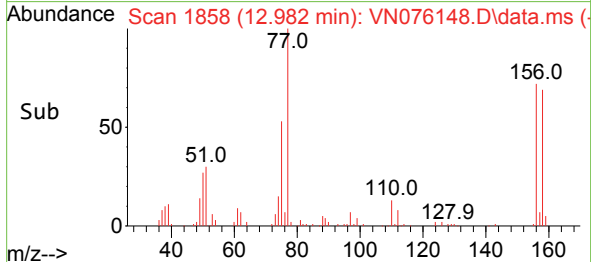
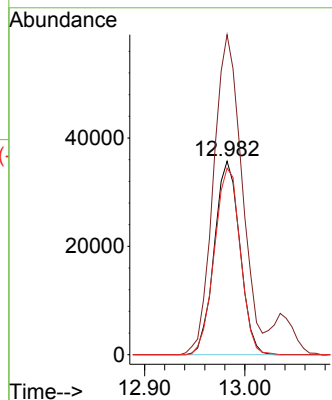
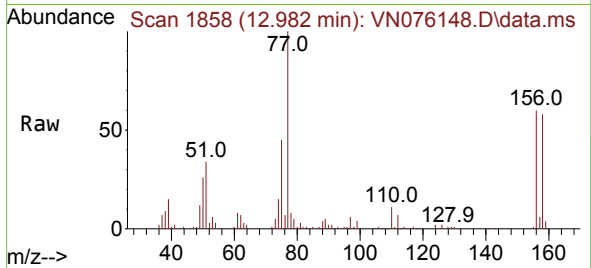




#77  
Bromobenzene  
Concen: 18.455 ug/l  
RT: 12.982 min Scan# 1858  
Delta R.T. 0.000 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

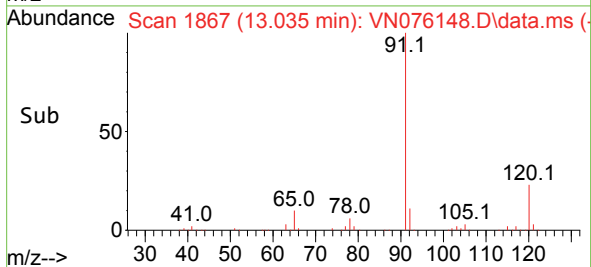
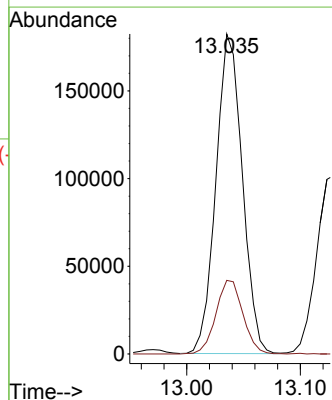
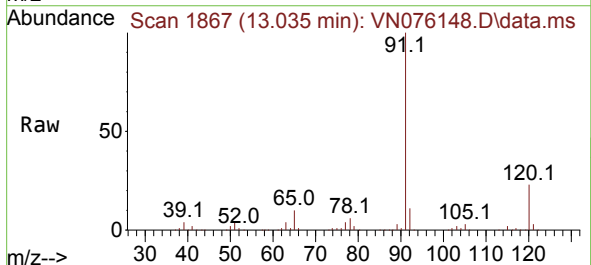
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0109WBS01

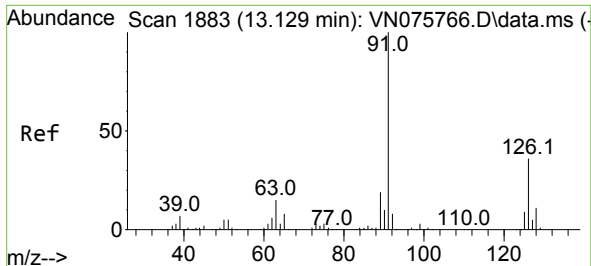
Tgt Ion:156 Resp: 63209  
Ion Ratio Lower Upper  
156 100  
77 183.8 93.8 281.3  
158 97.8 48.9 146.6



#78  
n-propylbenzene  
Concen: 19.709 ug/l  
RT: 13.035 min Scan# 1867  
Delta R.T. -0.006 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

Tgt Ion: 91 Resp: 294194  
Ion Ratio Lower Upper  
91 100  
120 23.5 12.0 36.1

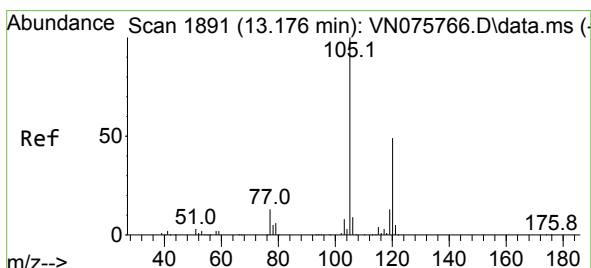
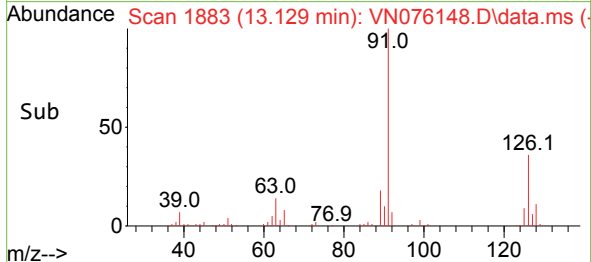
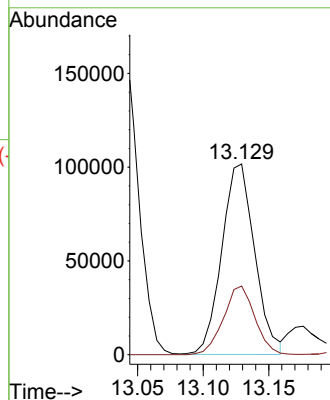
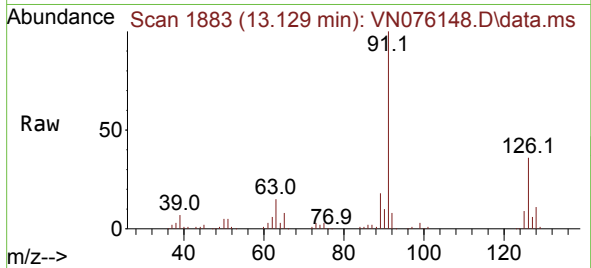




#79  
2-Chlorotoluene  
Concen: 19.033 ug/l  
RT: 13.129 min Scan# 1883  
Delta R.T. 0.000 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

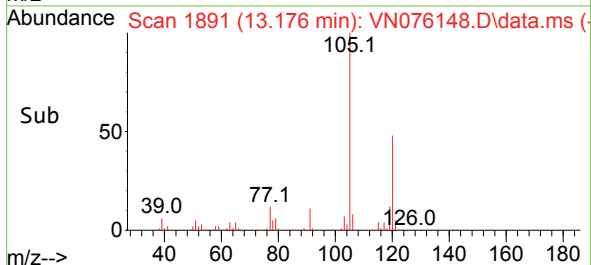
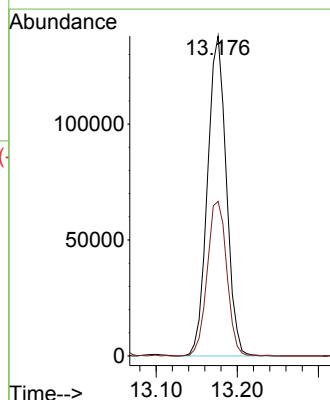
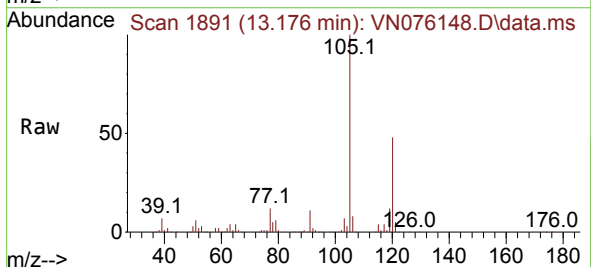
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0109WBS01

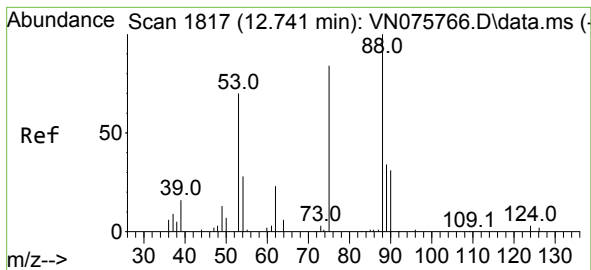
Tgt Ion: 91 Resp: 177352  
Ion Ratio Lower Upper  
91 100  
126 34.4 17.5 52.5



#80  
1,3,5-Trimethylbenzene  
Concen: 19.593 ug/l  
RT: 13.176 min Scan# 1891  
Delta R.T. 0.000 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

Tgt Ion: 105 Resp: 221929  
Ion Ratio Lower Upper  
105 100  
120 50.2 24.7 74.1

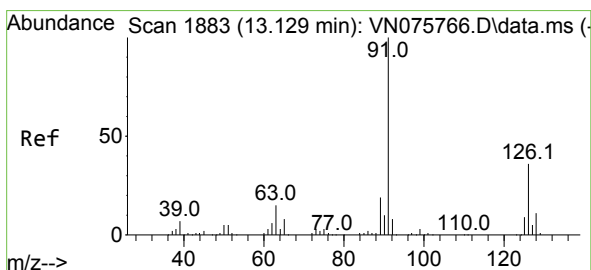
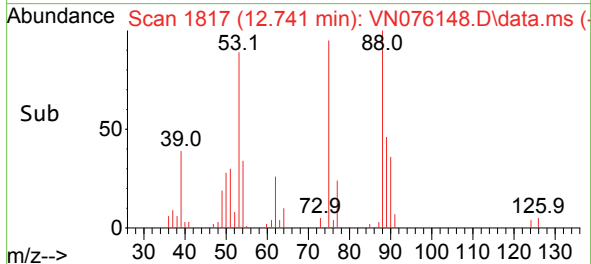
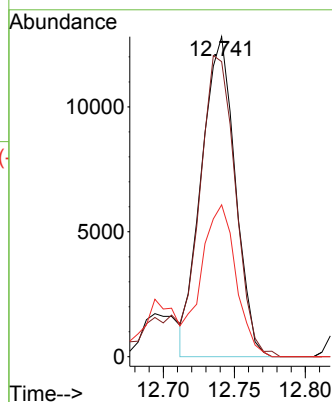
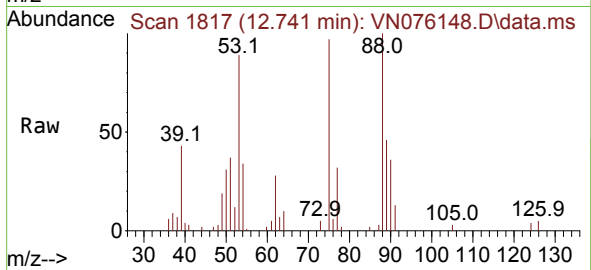




#81  
trans-1,4-Dichloro-2-butene  
Concen: 20.214 ug/l  
RT: 12.741 min Scan# 1817  
Delta R.T. 0.000 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

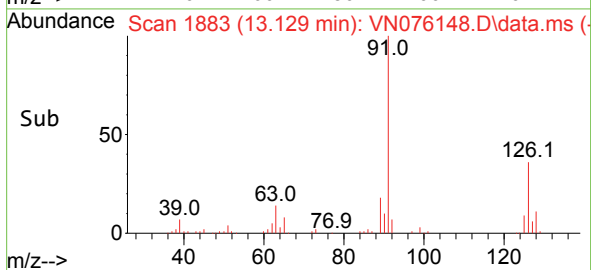
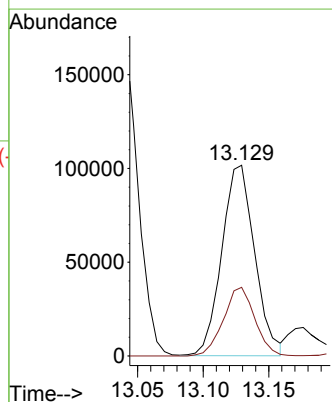
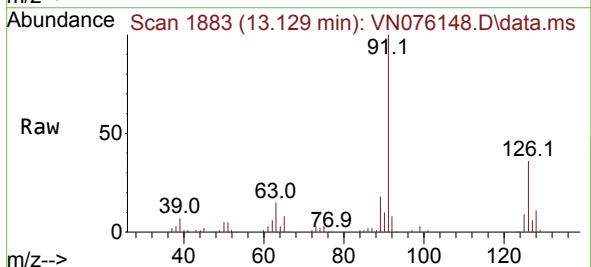
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0109WBS01

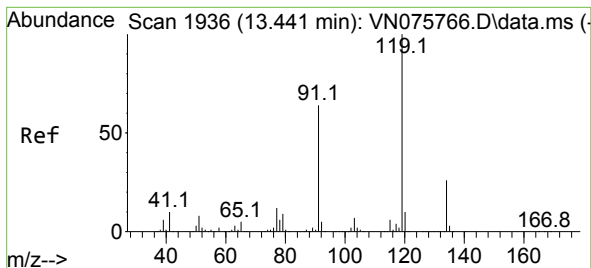
Tgt Ion: 75 Resp: 21201  
Ion Ratio Lower Upper  
75 100  
53 111.7 73.8 110.6#  
89 48.9 39.5 59.3



#82  
4-Chlorotoluene  
Concen: 19.033 ug/l  
RT: 13.129 min Scan# 1883  
Delta R.T. 0.000 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

Tgt Ion: 91 Resp: 177352  
Ion Ratio Lower Upper  
91 100  
126 34.4 17.5 52.5





#83

tert-Butylbenzene

Concen: 19.557 ug/l

RT: 13.441 min Scan# 1936

Delta R.T. 0.000 min

Lab File: VN076148.D

Acq: 09 Jan 2023 11:54

Instrument :

MSVOA\_N

ClientSampleId :

VN0109WBS01

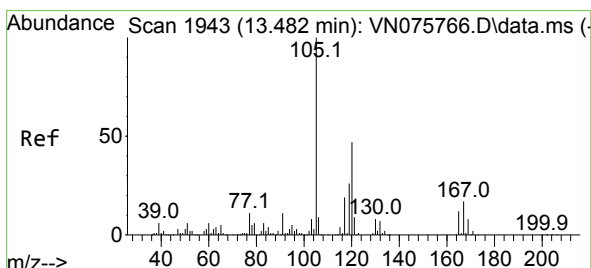
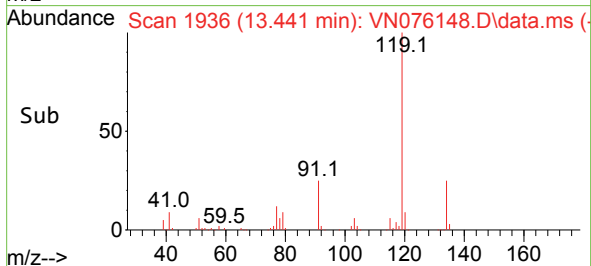
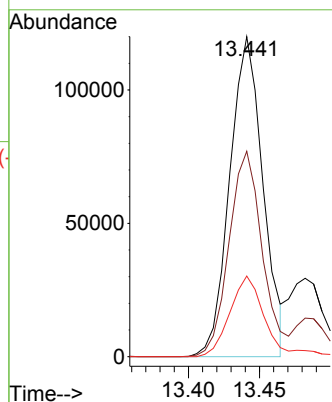
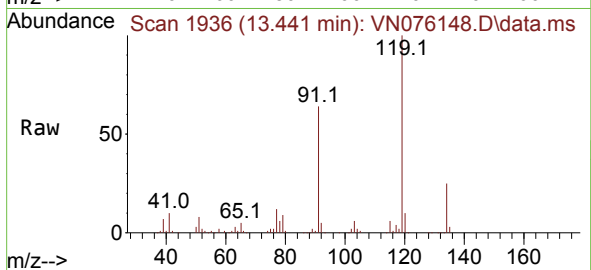
Tgt Ion:119 Resp: 195314

Ion Ratio Lower Upper

119 100

91 64.7 31.9 95.5

134 26.7 13.8 41.4



#84

1,2,4-Trimethylbenzene

Concen: 19.506 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN076148.D

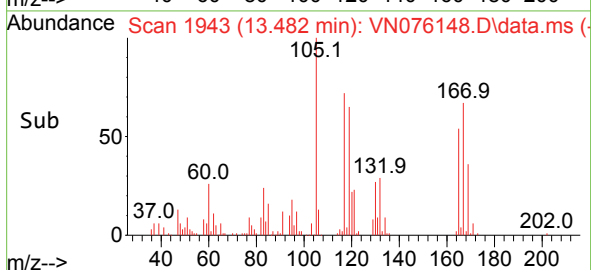
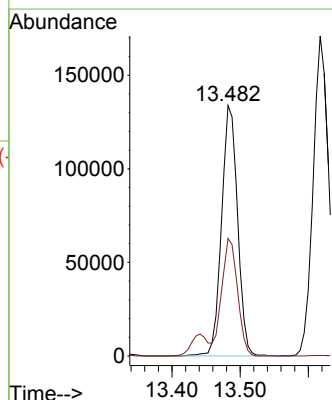
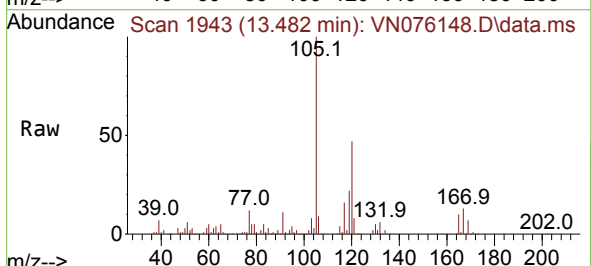
Acq: 09 Jan 2023 11:54

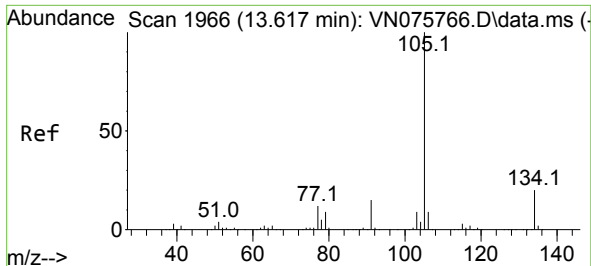
Tgt Ion:105 Resp: 219195

Ion Ratio Lower Upper

105 100

120 46.1 23.3 69.8

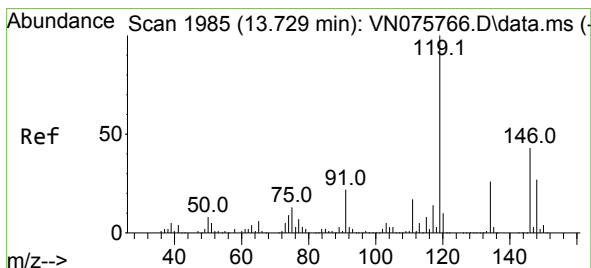
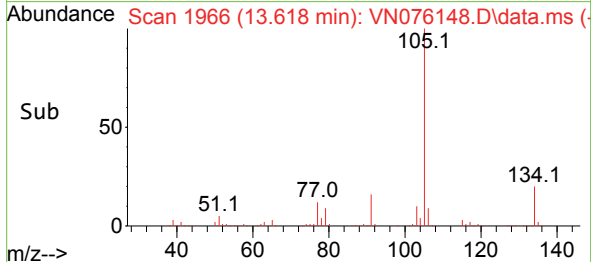
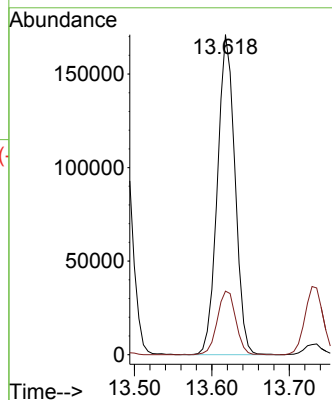
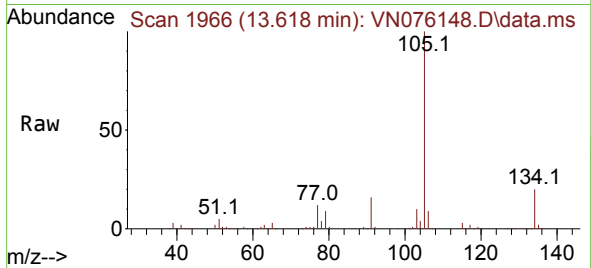




#85  
 sec-Butylbenzene  
 Concen: 19.580 ug/l  
 RT: 13.618 min Scan# 1966  
 Delta R.T. 0.000 min  
 Lab File: VN076148.D  
 Acq: 09 Jan 2023 11:54

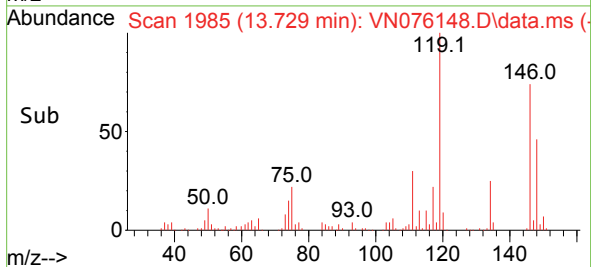
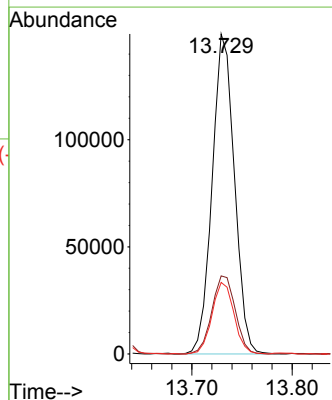
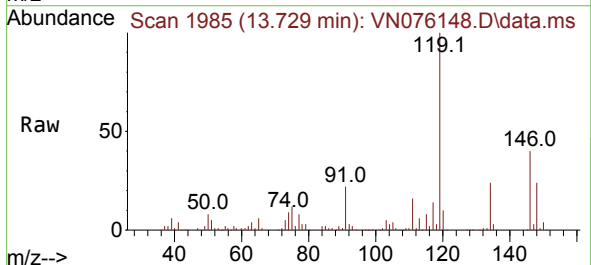
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0109WBS01

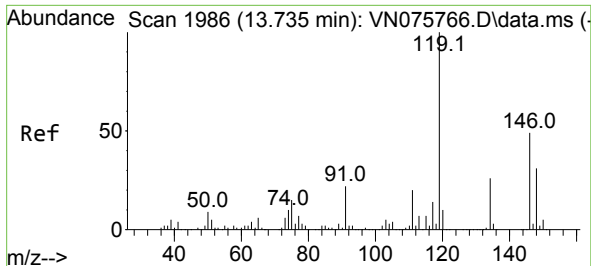
Tgt Ion:105 Resp: 269902  
 Ion Ratio Lower Upper  
 105 100  
 134 20.9 10.1 30.1



#86  
 p-Isopropyltoluene  
 Concen: 20.093 ug/l  
 RT: 13.729 min Scan# 1985  
 Delta R.T. 0.000 min  
 Lab File: VN076148.D  
 Acq: 09 Jan 2023 11:54

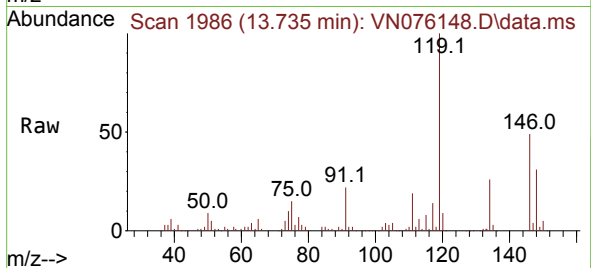
Tgt Ion:119 Resp: 230465  
 Ion Ratio Lower Upper  
 119 100  
 134 25.7 13.0 39.0  
 91 22.1 11.2 33.6



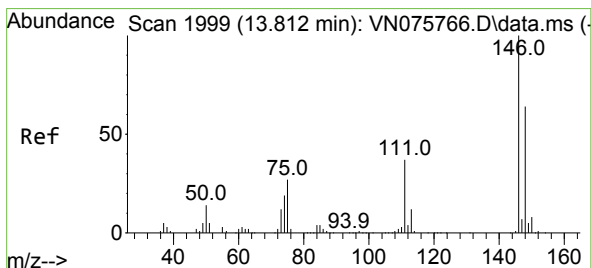
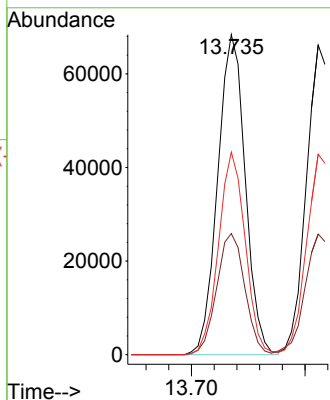
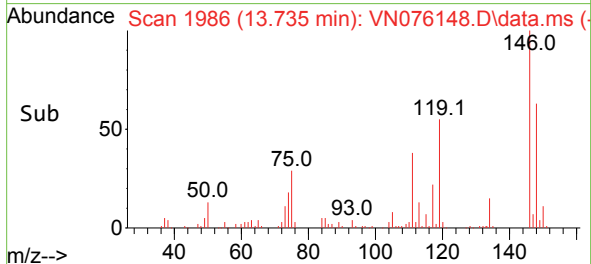


#87  
1,3-Dichlorobenzene  
Concen: 18.240 ug/l  
RT: 13.735 min Scan# 1986  
Delta R.T. 0.000 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

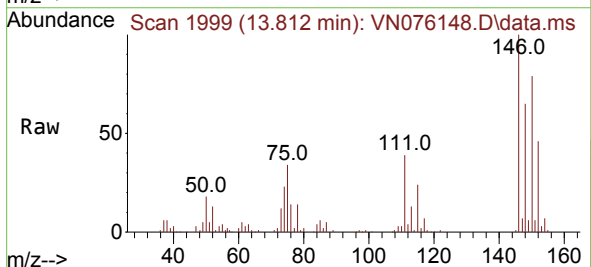
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0109WBS01



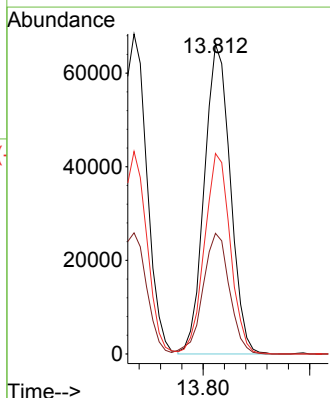
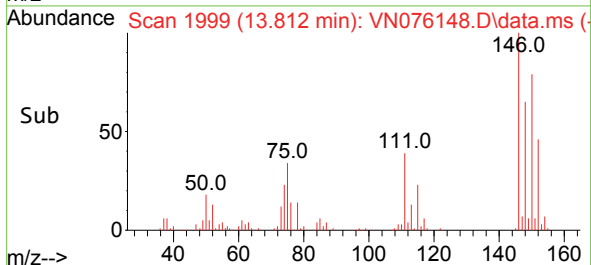
Tgt Ion:146 Resp: 115403  
Ion Ratio Lower Upper  
146 100  
111 38.6 19.7 59.0  
148 61.3 31.4 94.2

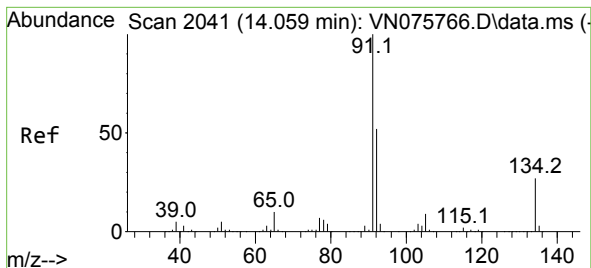


#88  
1,4-Dichlorobenzene  
Concen: 17.344 ug/l  
RT: 13.812 min Scan# 1999  
Delta R.T. 0.000 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54



Tgt Ion:146 Resp: 112100  
Ion Ratio Lower Upper  
146 100  
111 39.7 19.1 57.1  
148 64.3 32.0 96.2





#89

n-Butylbenzene

Concen: 18.784 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. 0.000 min

Lab File: VN076148.D

Acq: 09 Jan 2023 11:54

Instrument :

MSVOA\_N

ClientSampleId :

VN0109WBS01

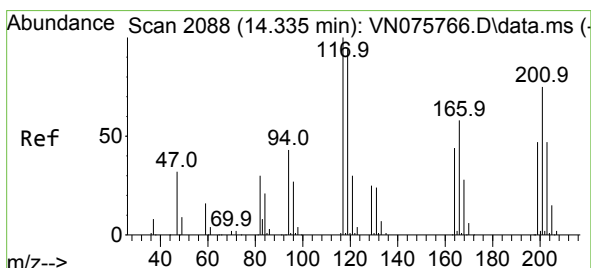
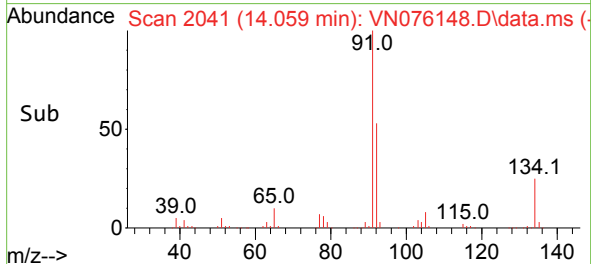
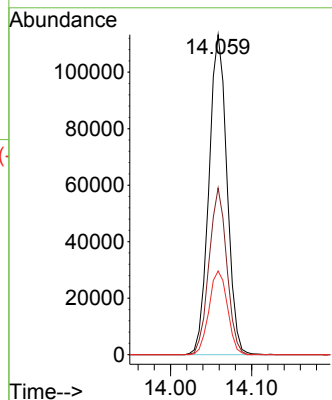
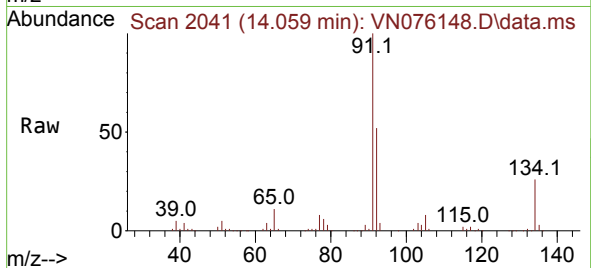
Tgt Ion: 91 Resp: 174546

Ion Ratio Lower Upper

91 100

92 51.2 26.4 79.2

134 26.8 13.4 40.2



#90

Hexachloroethane

Concen: 21.915 ug/l

RT: 14.335 min Scan# 2088

Delta R.T. 0.000 min

Lab File: VN076148.D

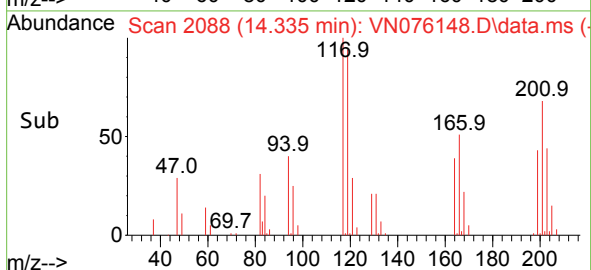
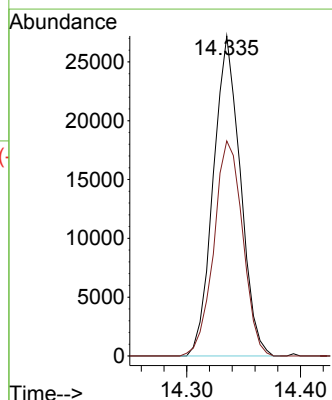
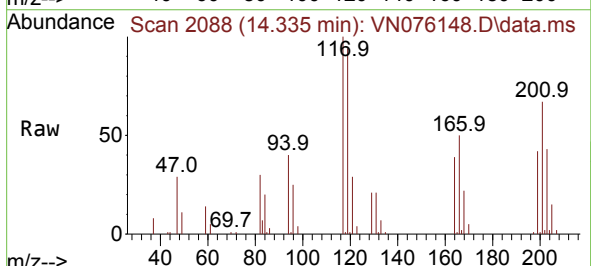
Acq: 09 Jan 2023 11:54

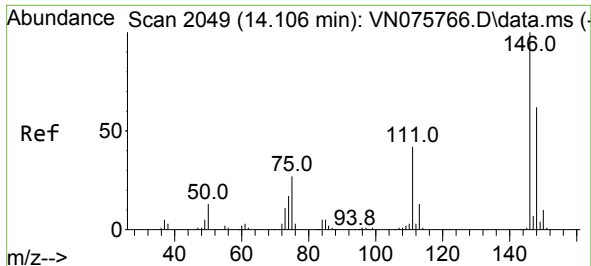
Tgt Ion: 117 Resp: 44963

Ion Ratio Lower Upper

117 100

201 71.6 38.0 114.1

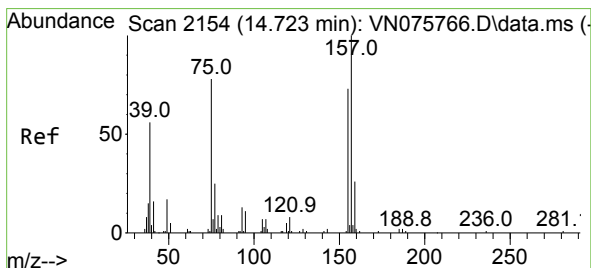
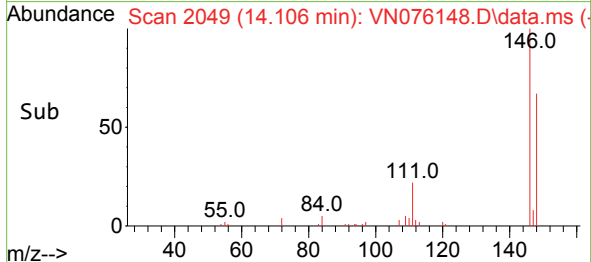
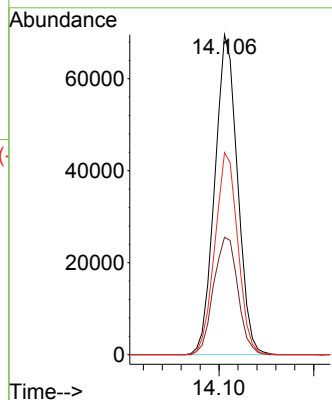
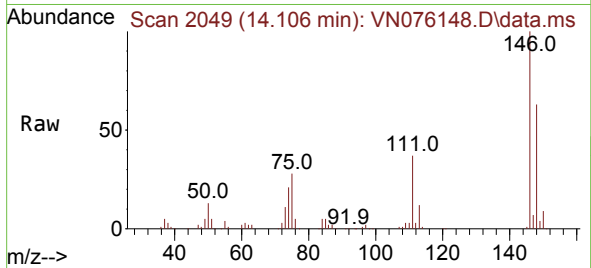




#91  
1,2-Dichlorobenzene  
Concen: 18.626 ug/l  
RT: 14.106 min Scan# 2049  
Delta R.T. 0.000 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

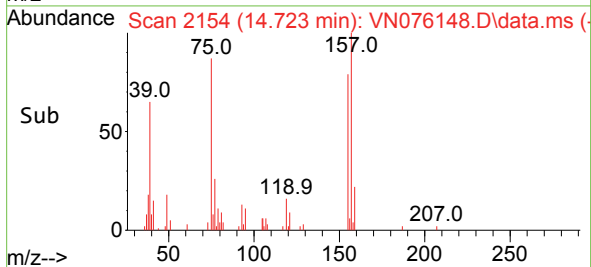
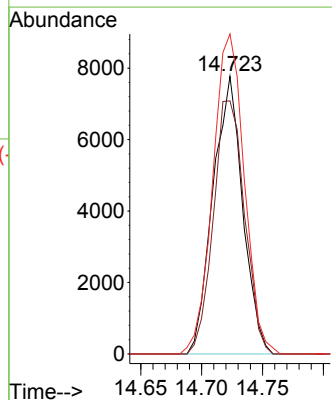
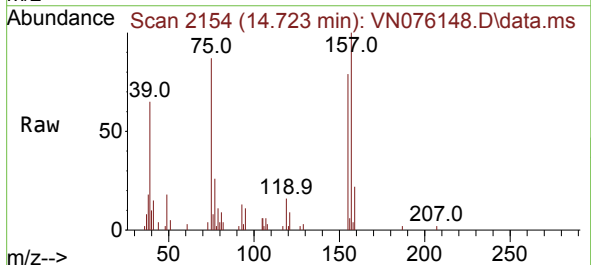
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0109WBS01

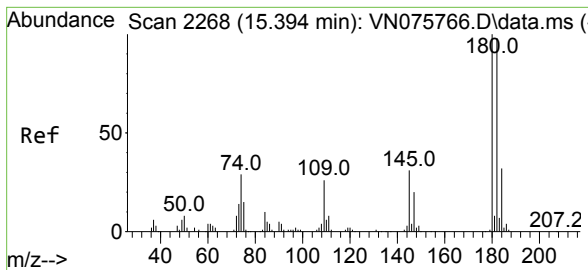
Tgt Ion:146 Resp: 116077  
Ion Ratio Lower Upper  
146 100  
111 39.2 20.3 61.0  
148 63.8 31.7 95.1



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 17.791 ug/l  
RT: 14.723 min Scan# 2154  
Delta R.T. 0.000 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

Tgt Ion: 75 Resp: 13208  
Ion Ratio Lower Upper  
75 100  
155 95.7 49.3 147.8  
157 121.8 63.7 191.3

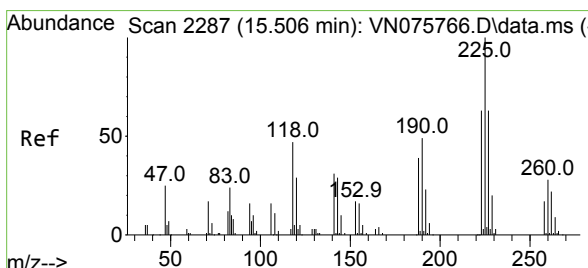
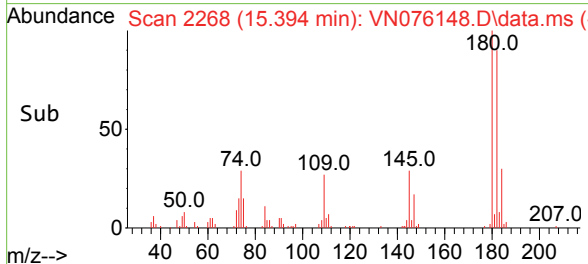
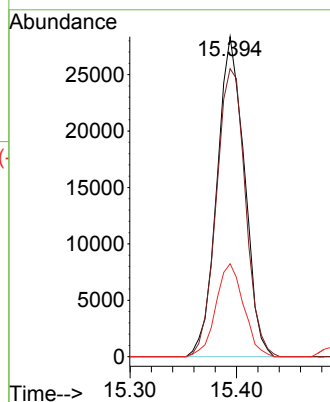
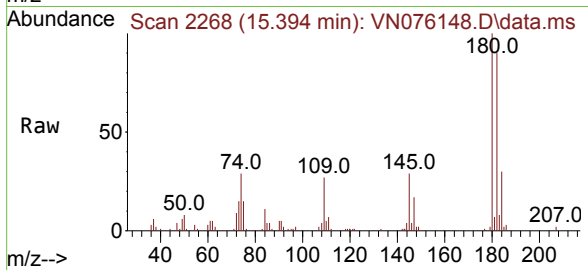




#93  
 1,2,4-Trichlorobenzene  
 Concen: 16.445 ug/l  
 RT: 15.394 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VN076148.D  
 Acq: 09 Jan 2023 11:54

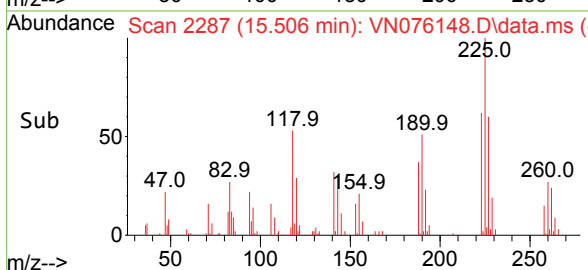
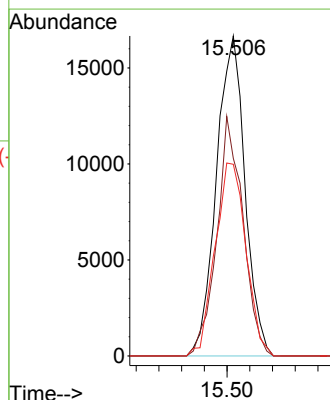
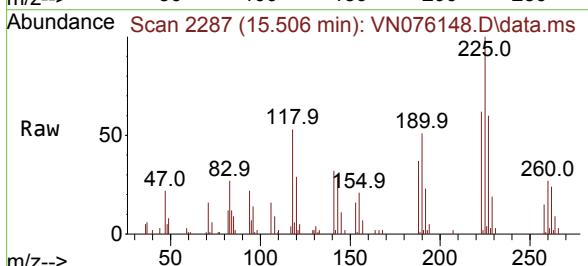
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0109WBS01

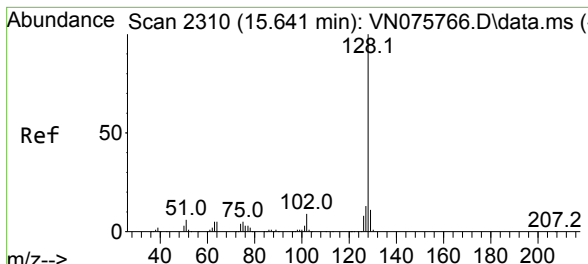
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 50737 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 94.9  | 47.5  | 142.5 |
| 145       | 29.4  | 15.3  | 45.8  |



#94  
 Hexachlorobutadiene  
 Concen: 17.305 ug/l  
 RT: 15.506 min Scan# 2287  
 Delta R.T. 0.000 min  
 Lab File: VN076148.D  
 Acq: 09 Jan 2023 11:54

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 29129 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 68.5  | 31.5  | 94.5  |
| 227       | 64.9  | 31.6  | 95.0  |

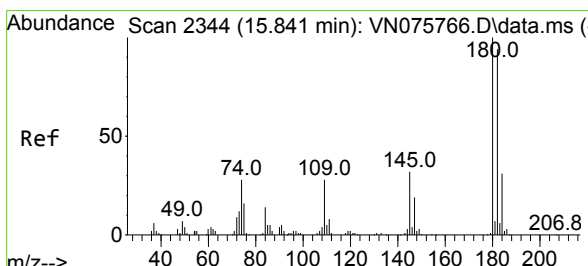
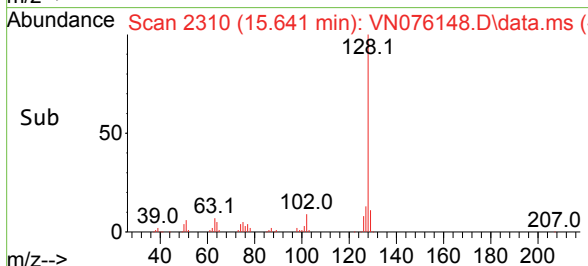
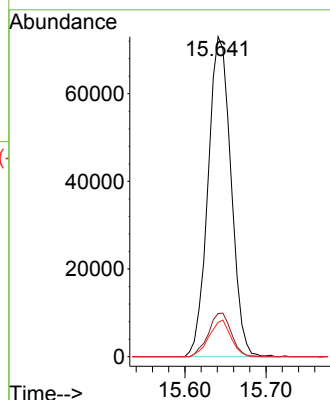
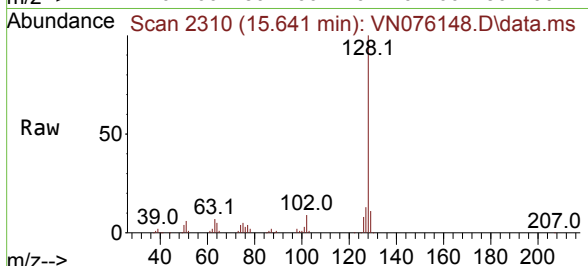




#95  
Naphthalene  
Concen: 15.652 ug/l  
RT: 15.641 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0109WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 143598 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.6  | 10.4  | 15.6   |
| 129       | 10.8  | 8.7   | 13.1   |



#96  
1,2,3-Trichlorobenzene  
Concen: 17.354 ug/l  
RT: 15.847 min Scan# 2345  
Delta R.T. 0.006 min  
Lab File: VN076148.D  
Acq: 09 Jan 2023 11:54

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 50043 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 96.0  | 47.0  | 141.0 |
| 145       | 33.7  | 16.0  | 47.9  |

