

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN031023\Not Reviewed Data\  
 Data File : VN076918.D  
 Acq On : 10 Mar 2023 12:10  
 Operator : JC\MD  
 Sample : VSTDIC010  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC010

Quant Time: Mar 10 15:36:53 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N031023W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 10 13:47:39 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.231  | 168  | 395249   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.107  | 114  | 661793   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.866 | 117  | 578374   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.795 | 152  | 254992   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.589  | 65    | 60032    | 10.178   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 20.360%# |
| 35) Dibromofluoromethane    | 8.172  | 113   | 45810    | 10.386   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 20.780%# |
| 50) Toluene-d8              | 10.572 | 98    | 166373   | 10.235   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 20.480%# |
| 62) 4-Bromofluorobenzene    | 12.848 | 95    | 57785    | 9.719    | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 19.440%# |

|                              |       |     |        |        |        |     |
|------------------------------|-------|-----|--------|--------|--------|-----|
| Target Compounds             |       |     |        |        | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.143 | 85  | 74194  | 10.422 | ug/l   | 93  |
| 3) Chloromethane             | 2.378 | 50  | 35790  | 9.290  | ug/l   | 100 |
| 4) Vinyl Chloride            | 2.531 | 62  | 34450  | 9.634  | ug/l   | 99  |
| 5) Bromomethane              | 2.966 | 94  | 26832  | 10.201 | ug/l   | 85  |
| 6) Chloroethane              | 3.137 | 64  | 22296  | 9.822  | ug/l   | 97  |
| 7) Trichlorofluoromethane    | 3.519 | 101 | 89124  | 9.605  | ug/l   | 90  |
| 8) Diethyl Ether             | 3.978 | 74  | 28565  | 9.569  | ug/l   | 82  |
| 9) 1,1,2-Trichlorotrifluo... | 4.396 | 101 | 45283  | 9.552  | ug/l   | 97  |
| 10) Methyl Iodide            | 4.601 | 142 | 44338  | 8.936  | ug/l # | 88  |
| 11) Tert butyl alcohol       | 5.531 | 59  | 39715  | 48.404 | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 4.348 | 96  | 41796  | 9.567  | ug/l   | 96  |
| 13) Acrolein                 | 4.201 | 56  | 34474  | 46.744 | ug/l   | 97  |
| 14) Allyl chloride           | 5.037 | 41  | 57987  | 9.252  | ug/l # | 74  |
| 15) Acrylonitrile            | 5.737 | 53  | 112985 | 48.724 | ug/l   | 99  |
| 16) Acetone                  | 4.443 | 43  | 102760 | 50.278 | ug/l   | 95  |
| 17) Carbon Disulfide         | 4.731 | 76  | 116976 | 9.666  | ug/l   | 99  |
| 18) Methyl Acetate           | 5.043 | 43  | 71476  | 9.482  | ug/l   | 89  |
| 19) Methyl tert-butyl Ether  | 5.813 | 73  | 146352 | 9.421  | ug/l   | 96  |
| 20) Methylene Chloride       | 5.295 | 84  | 50484  | 9.606  | ug/l # | 91  |
| 21) trans-1,2-Dichloroethene | 5.801 | 96  | 42844  | 9.250  | ug/l # | 71  |
| 22) Diisopropyl ether        | 6.684 | 45  | 134998 | 9.736  | ug/l # | 92  |
| 23) Vinyl Acetate            | 6.619 | 43  | 419755 | 49.158 | ug/l # | 92  |
| 24) 1,1-Dichloroethane       | 6.584 | 63  | 87461  | 9.875  | ug/l   | 97  |
| 25) 2-Butanone               | 7.495 | 43  | 140694 | 48.401 | ug/l   | 90  |
| 26) 2,2-Dichloropropane      | 7.501 | 77  | 75138  | 9.586  | ug/l   | 95  |
| 27) cis-1,2-Dichloroethene   | 7.495 | 96  | 52533  | 9.829  | ug/l   | 91  |
| 28) Bromochloromethane       | 7.825 | 49  | 33523  | 10.463 | ug/l   | 84  |
| 29) Tetrahydrofuran          | 7.848 | 42  | 90647  | 50.311 | ug/l # | 85  |
| 30) Chloroform               | 7.972 | 83  | 92265  | 9.695  | ug/l   | 97  |
| 31) Cyclohexane              | 8.266 | 56  | 86543  | 10.227 | ug/l   | 95  |
| 32) 1,1,1-Trichloroethane    | 8.178 | 97  | 86961  | 9.746  | ug/l   | 92  |
| 36) 1,1-Dichloropropene      | 8.378 | 75  | 66869  | 9.803  | ug/l   | 96  |
| 37) Ethyl Acetate            | 7.572 | 43  | 58772  | 10.774 | ug/l   | 96  |
| 38) Carbon Tetrachloride     | 8.366 | 117 | 78351  | 9.814  | ug/l   | 99  |
| 39) Methylcyclohexane        | 9.607 | 83  | 79394  | 9.588  | ug/l # | 85  |
| 40) Benzene                  | 8.613 | 78  | 199793 | 9.936  | ug/l   | 96  |

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 Operator : JC\MD  
 Sample : VSTDICC010  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC010

Quant Time: Mar 10 15:36:53 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N031023W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 10 13:47:39 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.784  | 41   | 31068    | 9.571   | ug/l # | 88       |
| 42) 1,2-Dichloroethane        | 8.678  | 62   | 75777    | 9.662   | ug/l   | 95       |
| 43) Isopropyl Acetate         | 8.695  | 43   | 92596    | 9.615   | ug/l   | 94       |
| 44) Trichloroethene           | 9.354  | 130  | 49337    | 9.494   | ug/l   | 91       |
| 45) 1,2-Dichloropropane       | 9.625  | 63   | 48328    | 9.769   | ug/l   | 96       |
| 46) Dibromomethane            | 9.707  | 93   | 34680    | 10.037  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.889  | 83   | 71695    | 9.781   | ug/l # | 95       |
| 48) Methyl methacrylate       | 9.689  | 41   | 44570    | 9.446   | ug/l   | 88       |
| 49) 1,4-Dioxane               | 9.695  | 88   | 18283    | 204.637 | ug/l # | 81       |
| 51) 4-Methyl-2-Pentanone      | 10.448 | 43   | 295358   | 51.057  | ug/l   | 91       |
| 52) Toluene                   | 10.630 | 92   | 122792   | 9.922   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.836 | 75   | 70928    | 9.706   | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.313 | 75   | 76835    | 9.574   | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 11.019 | 97   | 47653    | 9.897   | ug/l   | 93       |
| 56) Ethyl methacrylate        | 10.877 | 69   | 69929    | 9.575   | ug/l # | 87       |
| 57) 1,3-Dichloropropane       | 11.166 | 76   | 81457    | 9.594   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.166 | 63   | 107854   | 46.377  | ug/l   | 94       |
| 59) 2-Hexanone                | 11.201 | 43   | 207467   | 49.186  | ug/l   | 93       |
| 60) Dibromochloromethane      | 11.360 | 129  | 49757    | 9.380   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.472 | 107  | 46458    | 9.627   | ug/l   | 99       |
| 64) Tetrachloroethene         | 11.101 | 164  | 41693    | 8.907   | ug/l   | 98       |
| 65) Chlorobenzene             | 11.895 | 112  | 125870   | 9.729   | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.966 | 131  | 49261    | 9.754   | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.966 | 91   | 228329   | 9.598   | ug/l   | 99       |
| 68) m/p-Xylenes               | 12.077 | 106  | 171181   | 19.145  | ug/l   | 86       |
| 69) o-Xylene                  | 12.401 | 106  | 86361    | 9.949   | ug/l   | 87       |
| 70) Styrene                   | 12.413 | 104  | 136930   | 9.764   | ug/l   | 93       |
| 71) Bromoform                 | 12.577 | 173  | 34800    | 9.508   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.701 | 105  | 225221   | 9.912   | ug/l   | 96       |
| 74) N-amyl acetate            | 12.495 | 43   | 73342    | 9.749   | ug/l   | 93       |
| 75) 1,1,2,2-Tetrachloroethane | 12.942 | 83   | 66785    | 9.989   | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane    | 12.995 | 75   | 84046    | 13.595  | ug/l   | 65       |
| 77) Bromobenzene              | 12.983 | 156  | 47695    | 9.390   | ug/l   | 82       |
| 78) n-propylbenzene           | 13.036 | 91   | 246087   | 9.726   | ug/l   | 96       |
| 79) 2-Chlorotoluene           | 13.124 | 91   | 160087   | 9.757   | ug/l   | 94       |
| 80) 1,3,5-Trimethylbenzene    | 13.177 | 105  | 197256   | 10.191  | ug/l   | 92       |
| 81) trans-1,4-Dichloro-2-b... | 12.736 | 75   | 18661    | 9.860   | ug/l   | 87       |
| 82) 4-Chlorotoluene           | 13.224 | 91   | 154614   | 9.972   | ug/l   | 92       |
| 83) tert-Butylbenzene         | 13.442 | 119  | 164509   | 10.005  | ug/l   | 92       |
| 84) 1,2,4-Trimethylbenzene    | 13.483 | 105  | 196625   | 10.154  | ug/l   | 91       |
| 85) sec-Butylbenzene          | 13.618 | 105  | 220846   | 9.798   | ug/l   | 96       |
| 86) p-Isopropyltoluene        | 13.730 | 119  | 180841   | 9.936   | ug/l   | 94       |
| 87) 1,3-Dichlorobenzene       | 13.736 | 146  | 88129    | 9.520   | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.813 | 146  | 87581    | 9.431   | ug/l   | 93       |
| 89) n-Butylbenzene            | 14.060 | 91   | 142761   | 9.399   | ug/l   | 98       |
| 90) Hexachloroethane          | 14.336 | 117  | 33043    | 9.448   | ug/l   | 88       |
| 91) 1,2-Dichlorobenzene       | 14.107 | 146  | 90210    | 9.700   | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.718 | 75   | 13932    | 9.438   | ug/l   | 90       |
| 93) 1,2,4-Trichlorobenzene    | 15.395 | 180  | 44539    | 8.616   | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.507 | 225  | 26662    | 9.681   | ug/l   | 98       |
| 95) Naphthalene               | 15.642 | 128  | 142755   | 9.275   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.842 | 180  | 45406    | 9.045   | ug/l   | 97       |

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Operator : JC\MD  
Sample : VSTDICC010  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 7 Sample Multiplier: 1

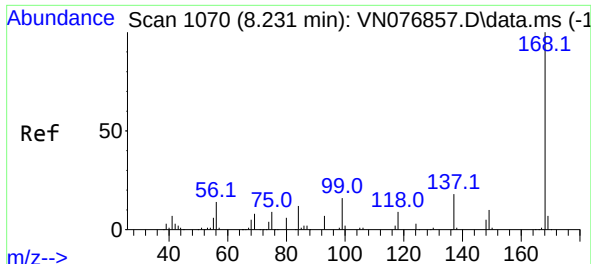
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010

Quant Time: Mar 10 15:36:53 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N031023W.M  
Quant Title : SW846 8260  
QLast Update : Fri Mar 10 13:47:39 2023  
Response via : Initial Calibration

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

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

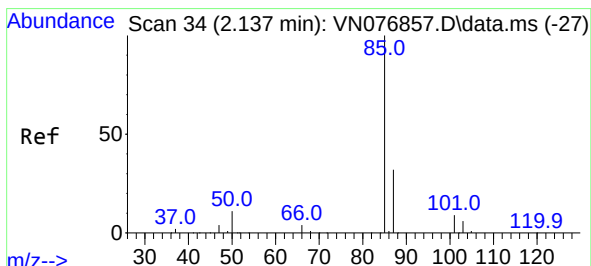
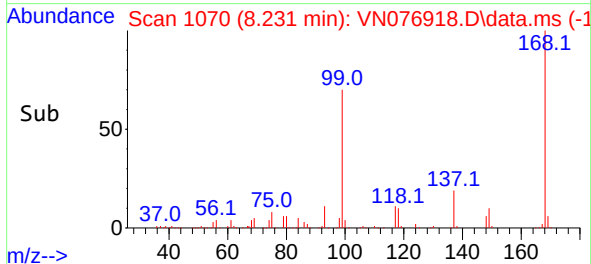
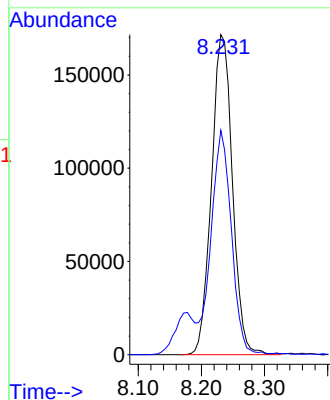
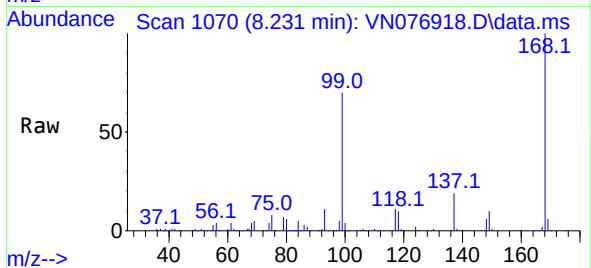




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.231 min Scan# 10  
Delta R.T. -0.000 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

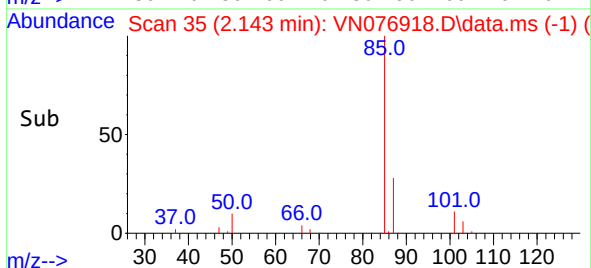
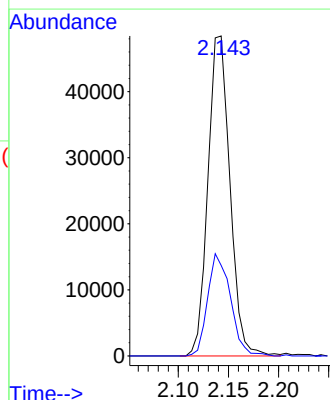
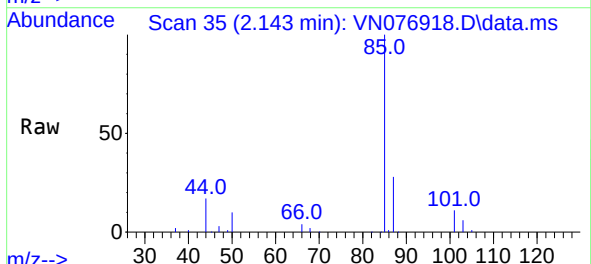
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

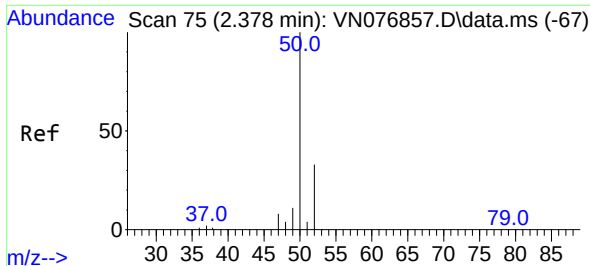
Tgt Ion:168 Resp: 395249  
Ion Ratio Lower Upper  
168 100  
99 69.8 48.6 73.0



#2  
Dichlorodifluoromethane  
Concen: 10.422 ug/l  
RT: 2.143 min Scan# 35  
Delta R.T. 0.006 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

Tgt Ion: 85 Resp: 74194  
Ion Ratio Lower Upper  
85 100  
87 28.3 16.2 48.6

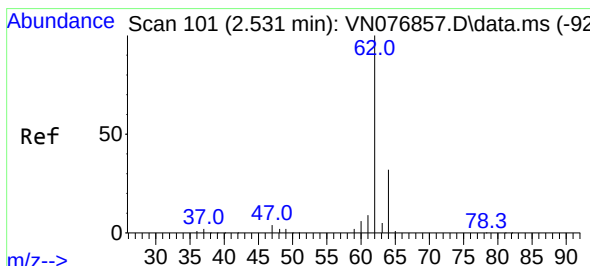
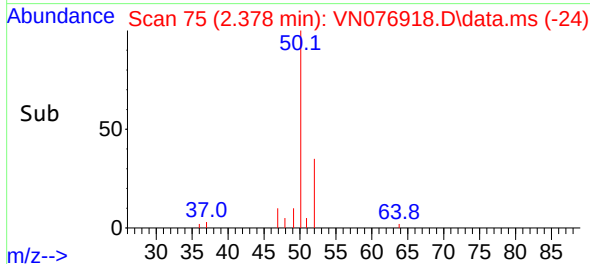
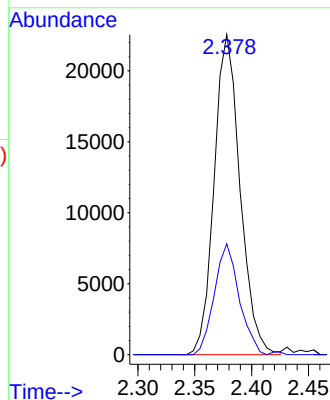
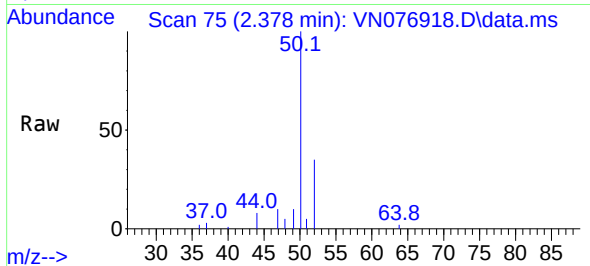




#3  
Chloromethane  
Concen: 9.290 ug/l  
RT: 2.378 min Scan# 75  
Delta R.T. -0.000 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

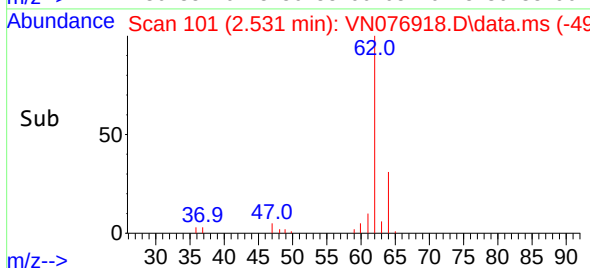
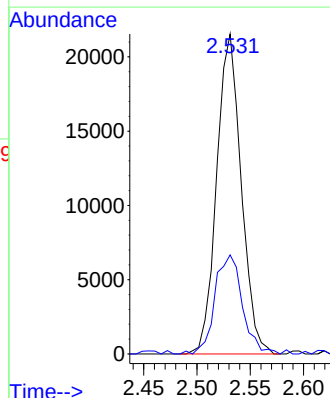
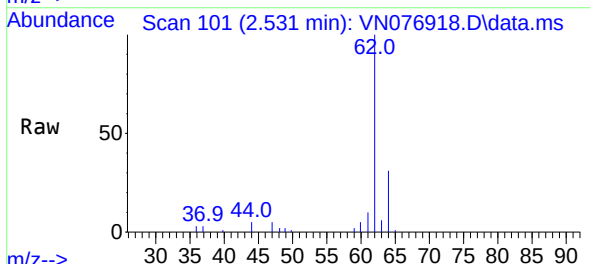
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

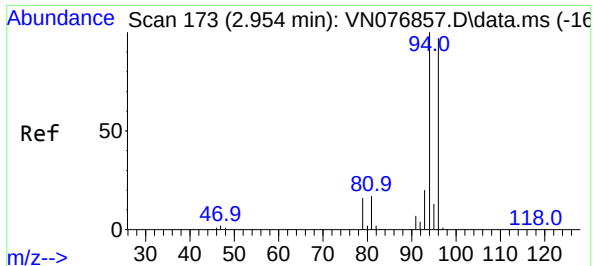
Tgt Ion: 50 Resp: 35790  
Ion Ratio Lower Upper  
50 100  
52 34.7 27.9 41.9



#4  
Vinyl Chloride  
Concen: 9.634 ug/l  
RT: 2.531 min Scan# 101  
Delta R.T. 0.006 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

Tgt Ion: 62 Resp: 34450  
Ion Ratio Lower Upper  
62 100  
64 31.0 24.5 36.7

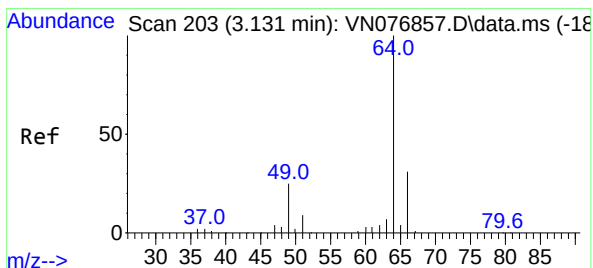
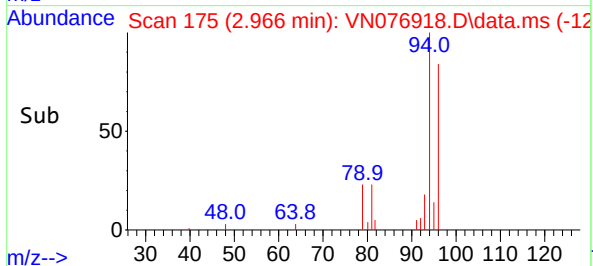
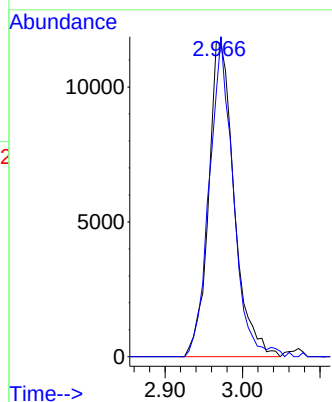
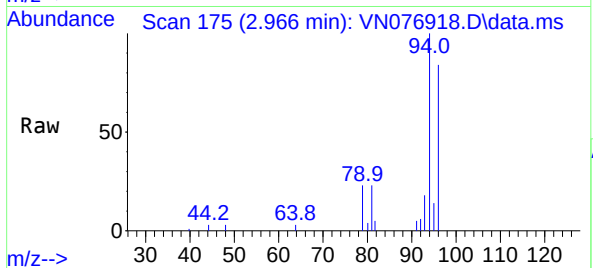




#5  
Bromomethane  
Concen: 10.201 ug/l  
RT: 2.966 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

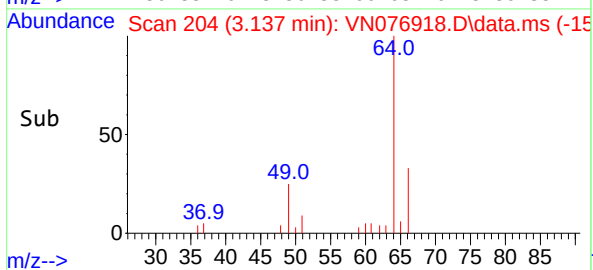
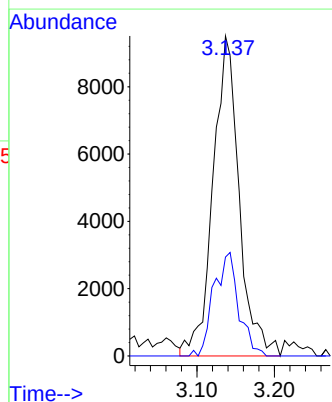
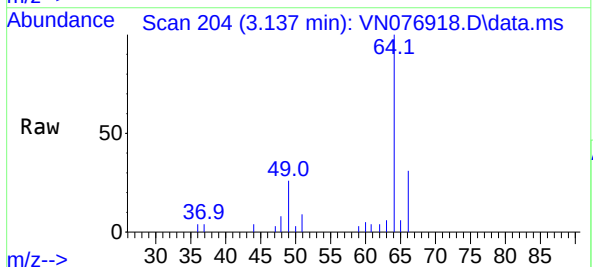
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

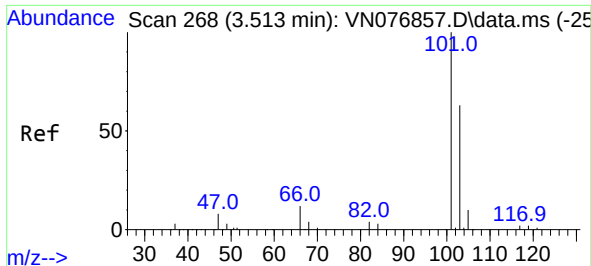
Tgt Ion: 94 Resp: 26832  
Ion Ratio Lower Upper  
94 100  
96 84.0 79.0 118.6



#6  
Chloroethane  
Concen: 9.822 ug/l  
RT: 3.137 min Scan# 204  
Delta R.T. 0.006 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

Tgt Ion: 64 Resp: 22296  
Ion Ratio Lower Upper  
64 100  
66 30.9 26.2 39.4

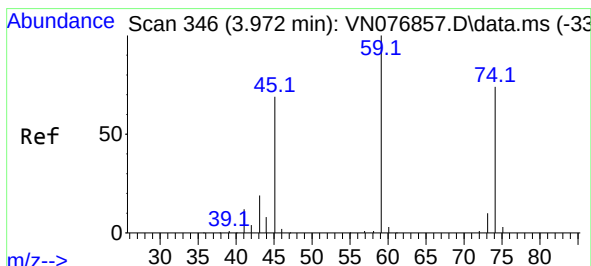
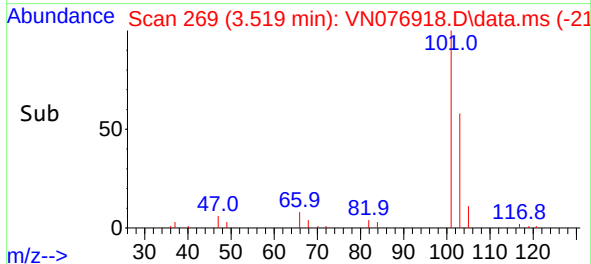
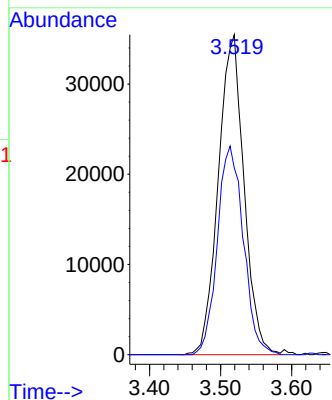
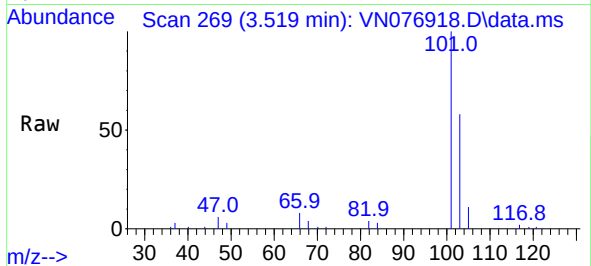




#7  
Trichlorofluoromethane  
Concen: 9.605 ug/l  
RT: 3.519 min Scan# 207  
Delta R.T. 0.012 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

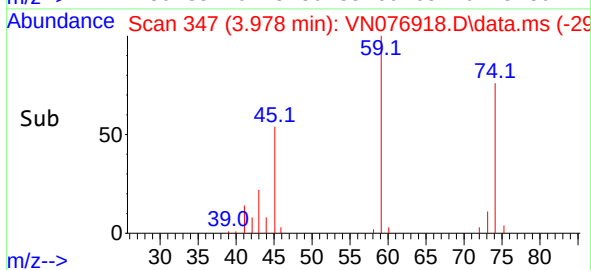
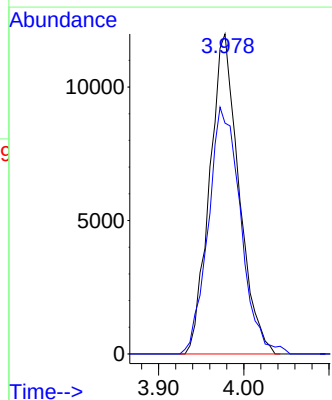
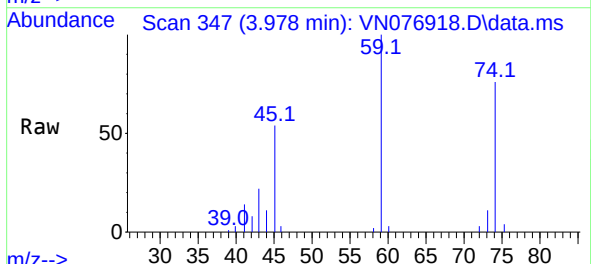
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

Tgt Ion:101 Resp: 89124  
Ion Ratio Lower Upper  
101 100  
103 58.4 53.4 80.0

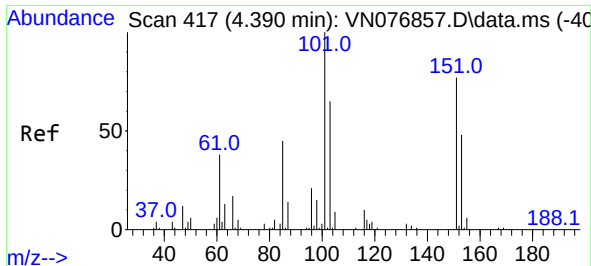


#8  
Diethyl Ether  
Concen: 9.569 ug/l  
RT: 3.978 min Scan# 347  
Delta R.T. 0.006 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

Tgt Ion: 74 Resp: 28565  
Ion Ratio Lower Upper  
74 100  
45 85.5 35.5 106.5



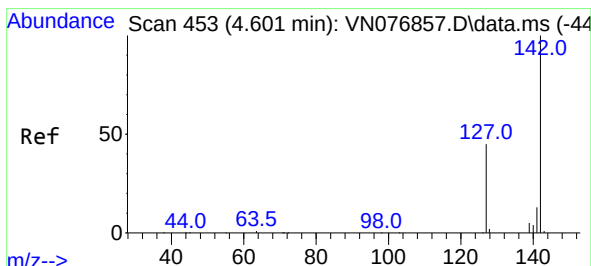
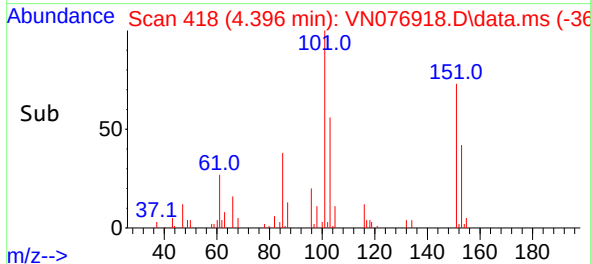
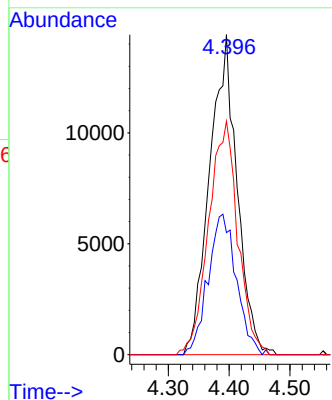
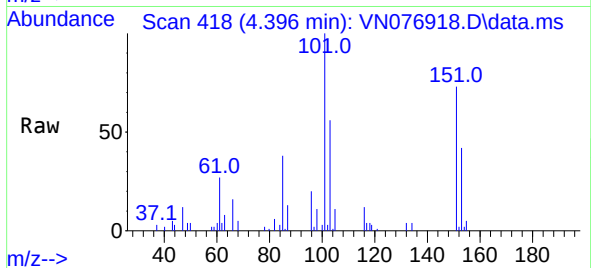




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 9.552 ug/l  
RT: 4.396 min Scan# 417  
Delta R.T. 0.006 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

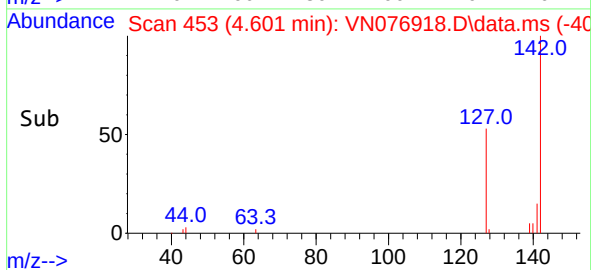
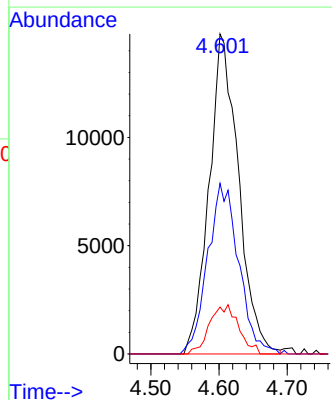
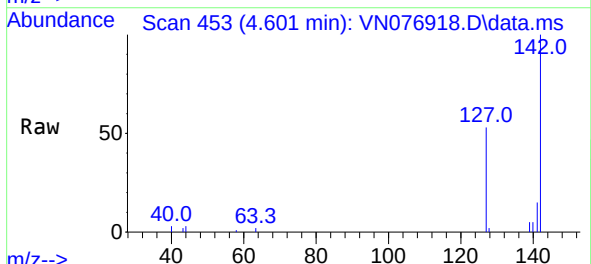
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ClientSampleId :  
VSTDIC010

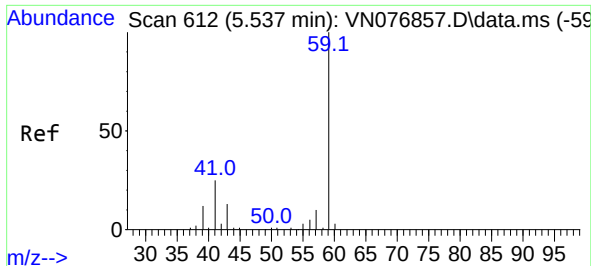
Tgt Ion:101 Resp: 45283  
Ion Ratio Lower Upper  
101 100  
85 45.3 35.2 52.8  
151 77.3 58.9 88.3



#10  
Methyl Iodide  
Concen: 8.936 ug/l  
RT: 4.601 min Scan# 453  
Delta R.T. -0.000 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

Tgt Ion:142 Resp: 44338  
Ion Ratio Lower Upper  
142 100  
127 53.3 35.2 52.8#  
141 14.7 10.2 15.2

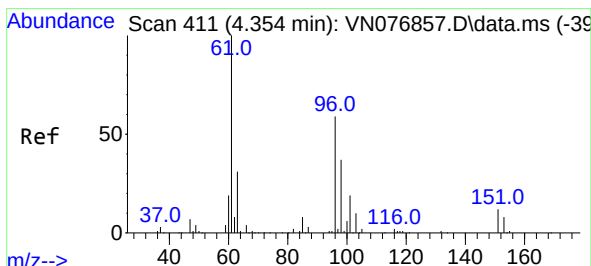
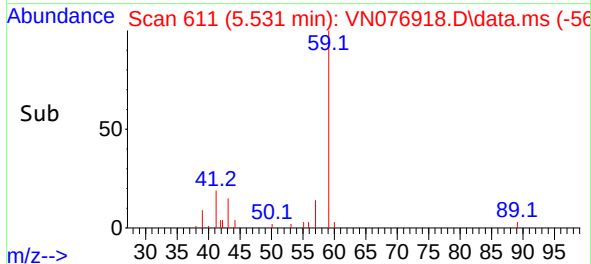
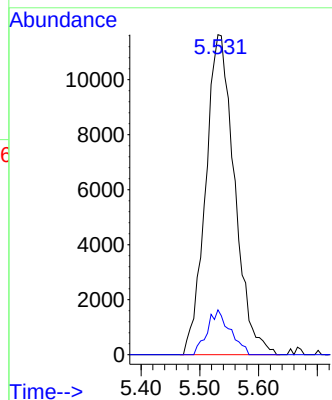
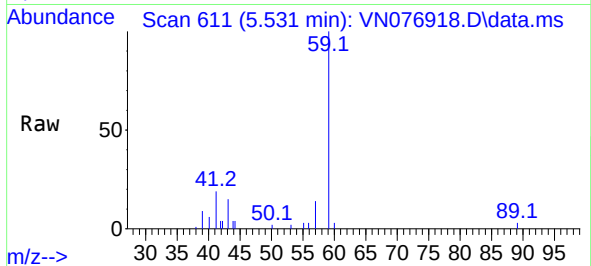




#11  
Tert butyl alcohol  
Concen: 48.404 ug/l  
RT: 5.531 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

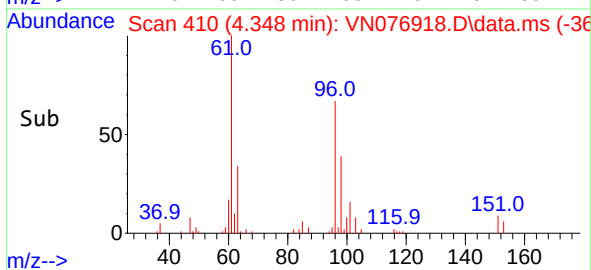
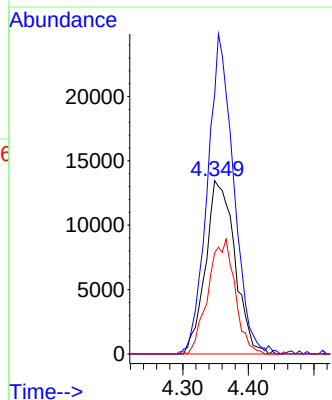
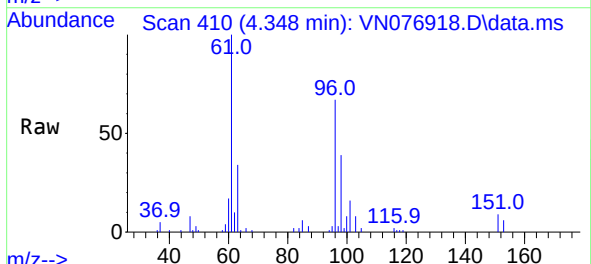
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010

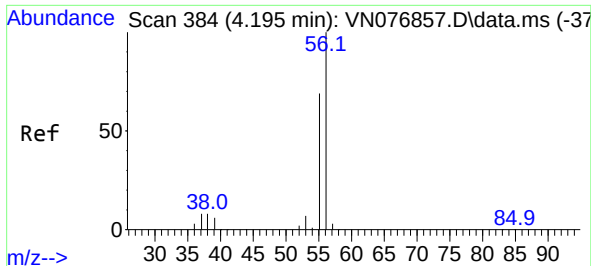
Tgt Ion: 59 Resp: 39715  
Ion Ratio Lower Upper  
59 100  
57 11.1 8.6 12.8



#12  
1,1-Dichloroethene  
Concen: 9.567 ug/l  
RT: 4.348 min Scan# 410  
Delta R.T. -0.006 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

Tgt Ion: 96 Resp: 41796  
Ion Ratio Lower Upper  
96 100  
61 149.2 121.3 181.9  
98 58.4 52.1 78.1

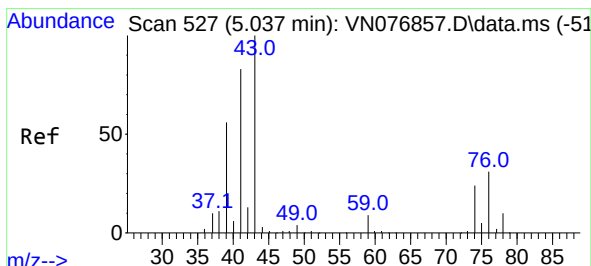
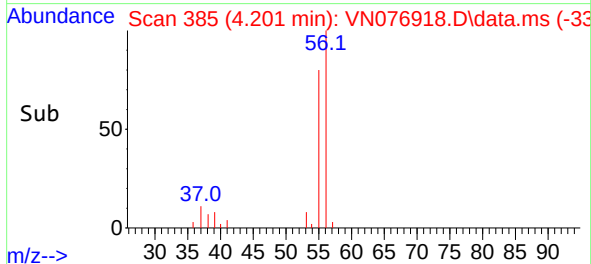
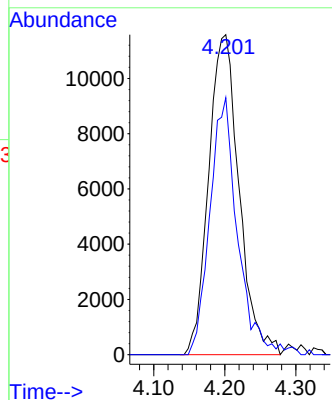
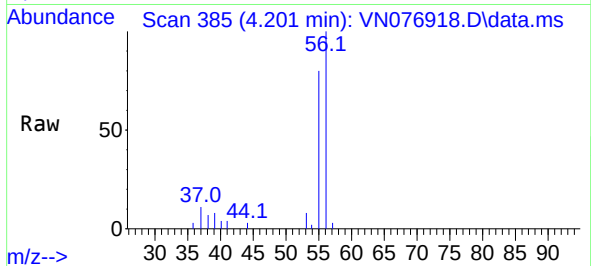




#13  
Acrolein  
Concen: 46.744 ug/l  
RT: 4.201 min Scan# 385  
Delta R.T. 0.012 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

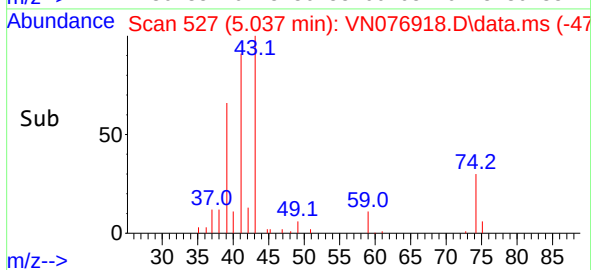
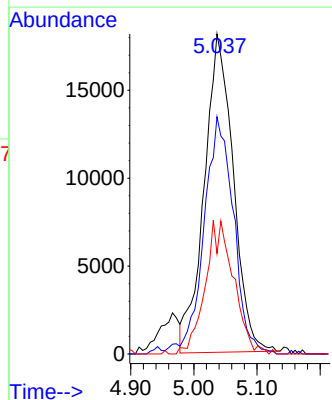
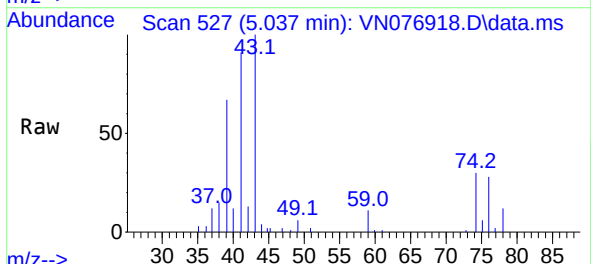
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

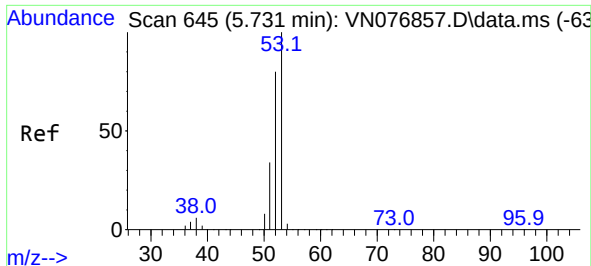
Tgt Ion: 56 Resp: 34474  
Ion Ratio Lower Upper  
56 100  
55 73.3 56.7 85.1



#14  
Allyl chloride  
Concen: 9.252 ug/l  
RT: 5.037 min Scan# 527  
Delta R.T. -0.000 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

Tgt Ion: 41 Resp: 57987  
Ion Ratio Lower Upper  
41 100  
39 75.9 68.1 102.1  
76 19.0 44.1 66.1#

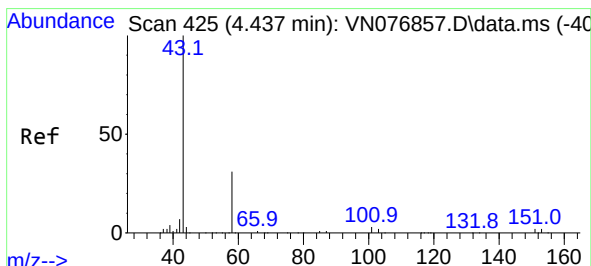
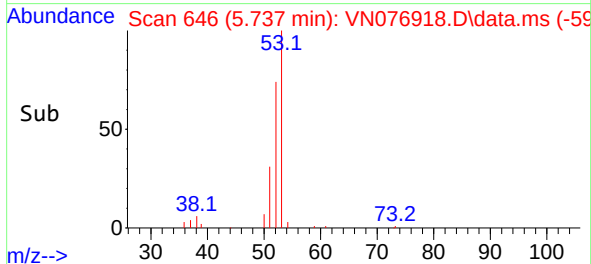
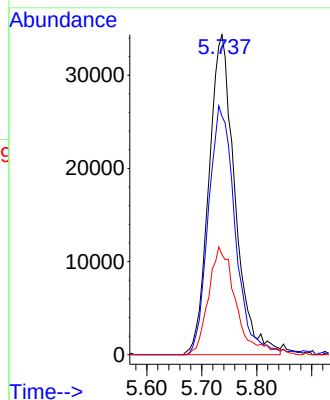
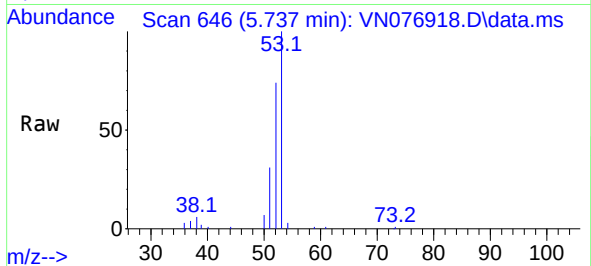




#15  
Acrylonitrile  
Concen: 48.724 ug/l  
RT: 5.737 min Scan# 64  
Delta R.T. 0.006 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

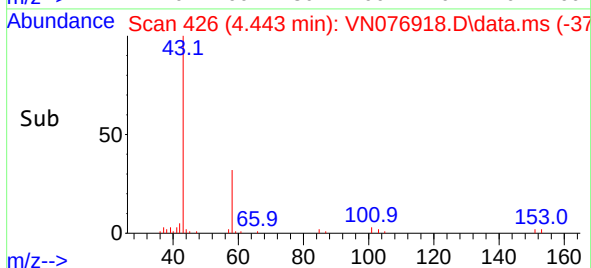
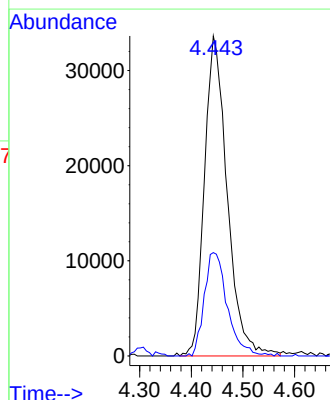
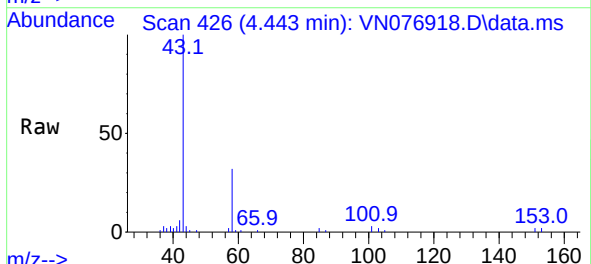
Instrument :  
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ClientSampleId :  
VSTDICC010

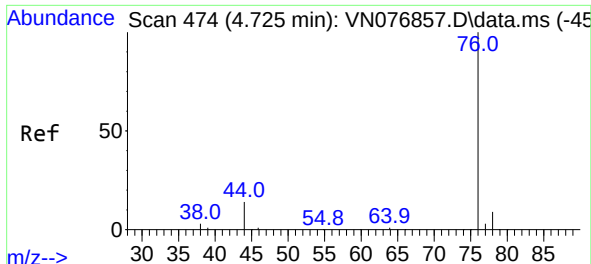
Tgt Ion: 53 Resp: 112985  
Ion Ratio Lower Upper  
53 100  
52 80.3 65.3 97.9  
51 35.7 28.8 43.2



#16  
Acetone  
Concen: 50.278 ug/l  
RT: 4.443 min Scan# 426  
Delta R.T. 0.006 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

Tgt Ion: 43 Resp: 102760  
Ion Ratio Lower Upper  
43 100  
58 32.3 28.2 42.2

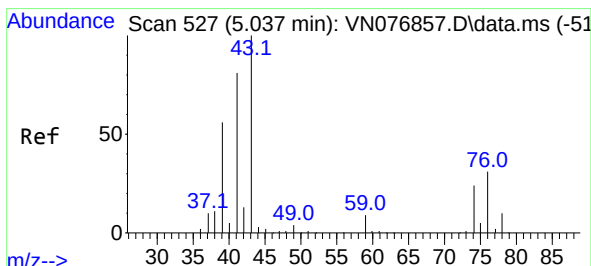
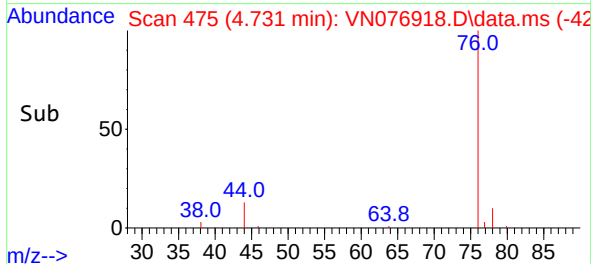
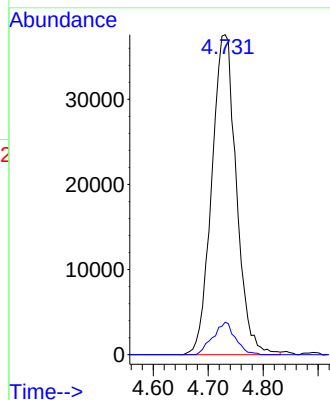
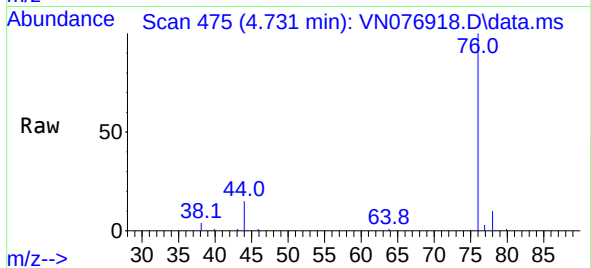




#17  
Carbon Disulfide  
Concen: 9.666 ug/l  
RT: 4.731 min Scan# 475  
Delta R.T. 0.006 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

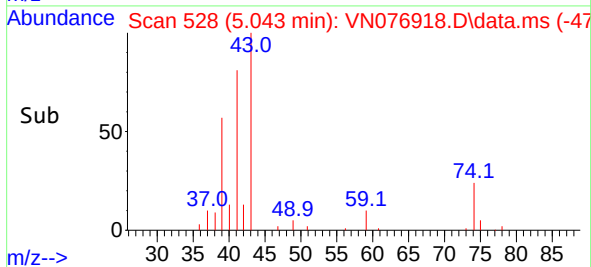
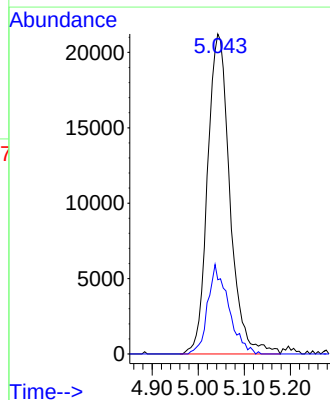
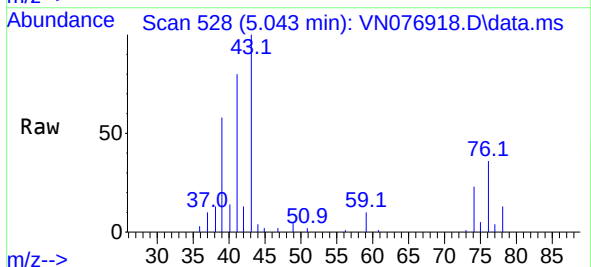
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

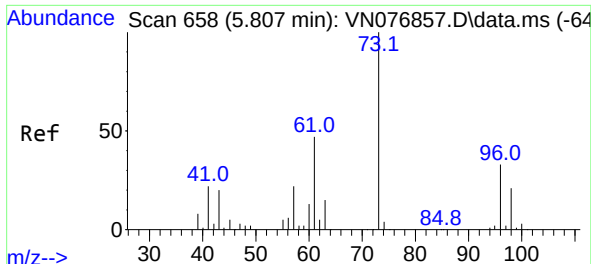
Tgt Ion: 76 Resp: 116976  
Ion Ratio Lower Upper  
76 100  
78 10.2 7.8 11.8



#18  
Methyl Acetate  
Concen: 9.482 ug/l  
RT: 5.043 min Scan# 528  
Delta R.T. -0.000 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

Tgt Ion: 43 Resp: 71476  
Ion Ratio Lower Upper  
43 100  
74 26.1 25.9 38.9

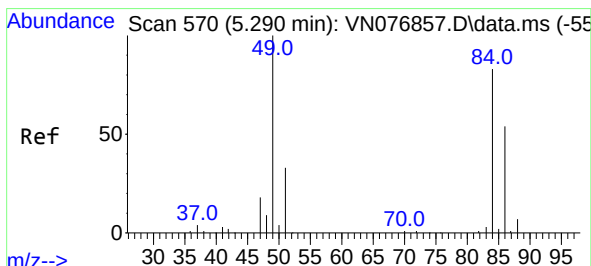
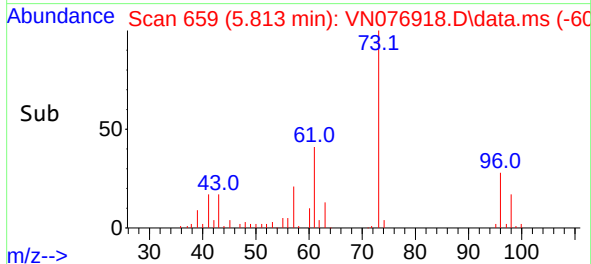
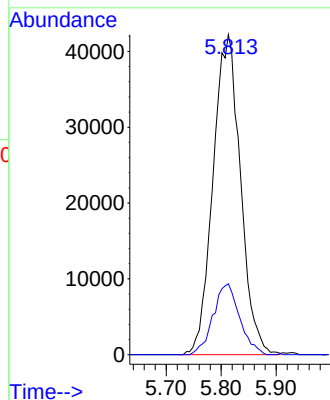
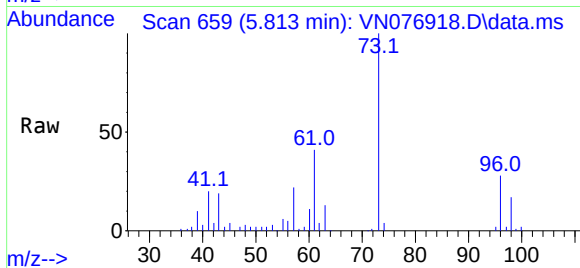




#19  
Methyl tert-butyl Ether  
Concen: 9.421 ug/l  
RT: 5.813 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

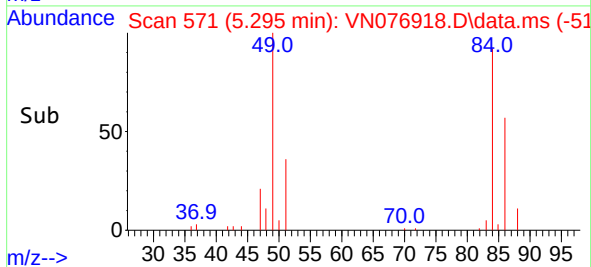
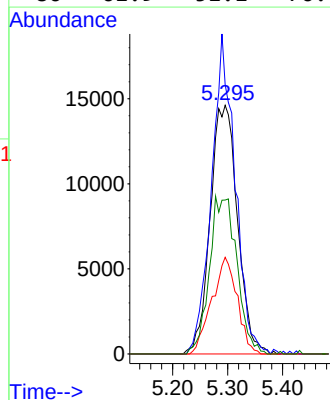
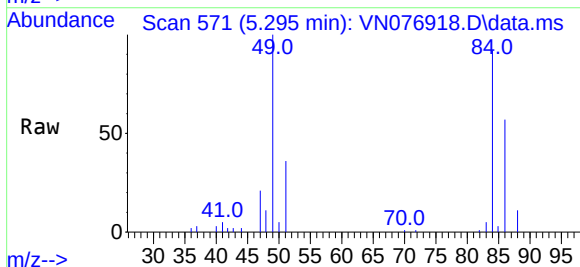
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

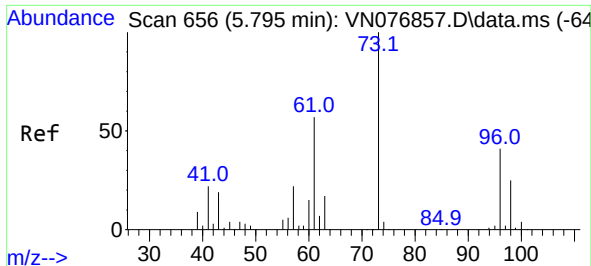
Tgt Ion: 73 Resp: 146352  
Ion Ratio Lower Upper  
73 100  
57 22.1 16.1 24.1



#20  
Methylene Chloride  
Concen: 9.606 ug/l  
RT: 5.295 min Scan# 571  
Delta R.T. 0.006 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

Tgt Ion: 84 Resp: 50484  
Ion Ratio Lower Upper  
84 100  
49 108.3 76.6 114.8  
51 38.9 25.4 38.2#  
86 61.9 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 9.250 ug/l

RT: 5.801 min Scan# 61

Delta R.T. -0.000 min

Lab File: VN076918.D

Acq: 10 Mar 2023 12:10

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC010

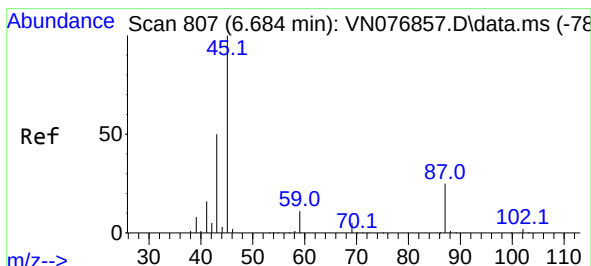
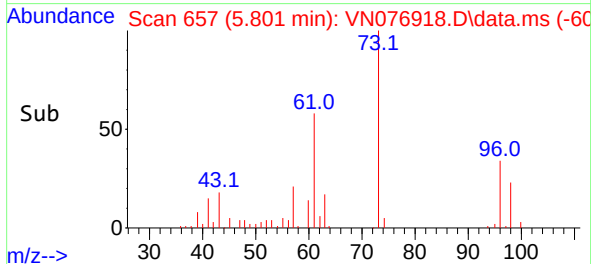
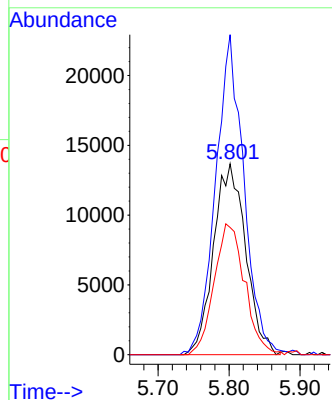
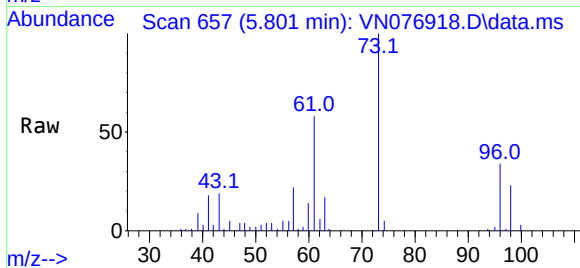
Tgt Ion: 96 Resp: 42844

Ion Ratio Lower Upper

96 100

61 167.7 95.0 142.6#

98 66.6 54.5 81.7



#22

Diisopropyl ether

Concen: 9.736 ug/l

RT: 6.684 min Scan# 807

Delta R.T. -0.000 min

Lab File: VN076918.D

Acq: 10 Mar 2023 12:10

Tgt Ion: 45 Resp: 134998

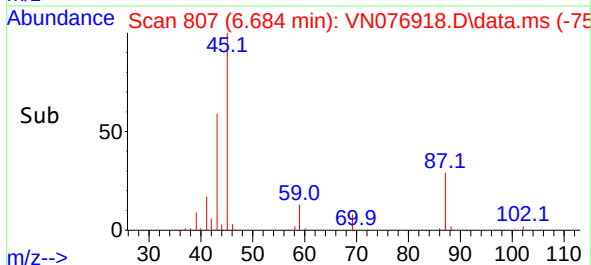
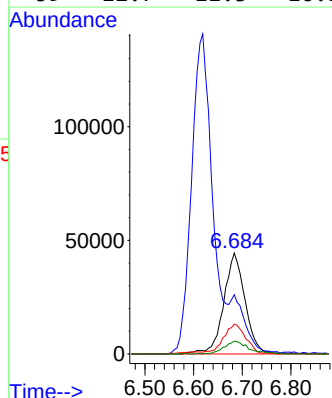
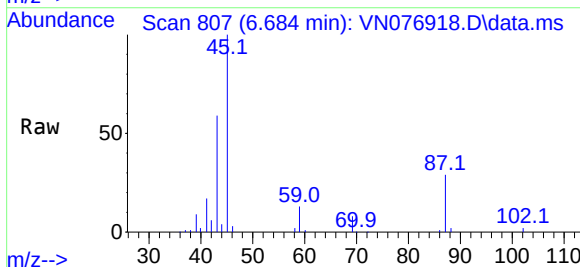
Ion Ratio Lower Upper

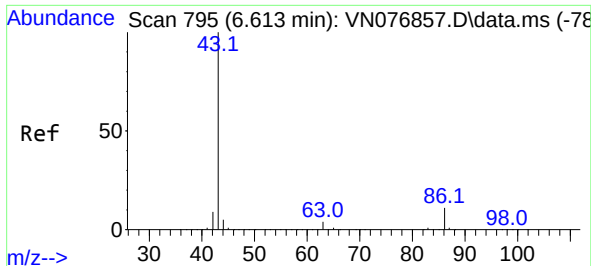
45 100

43 57.7 42.6 63.8

87 29.5 29.7 44.5#

59 12.7 11.3 16.9

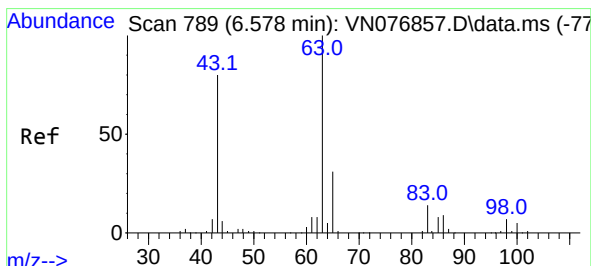
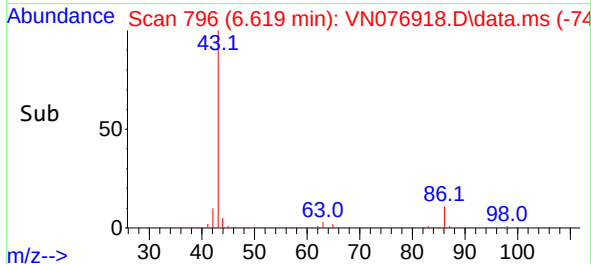
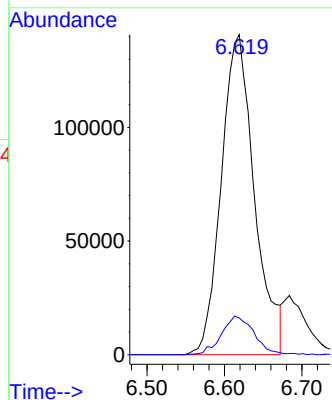
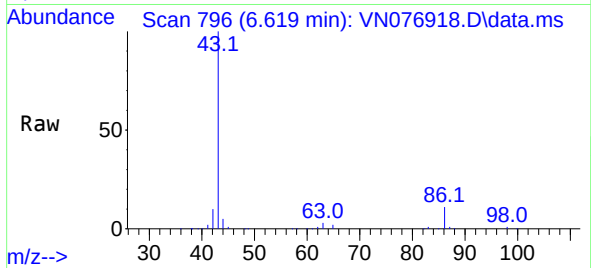




#23  
 Vinyl Acetate  
 Concen: 49.158 ug/l  
 RT: 6.619 min Scan# 796  
 Delta R.T. 0.006 min  
 Lab File: VN076918.D  
 Acq: 10 Mar 2023 12:10

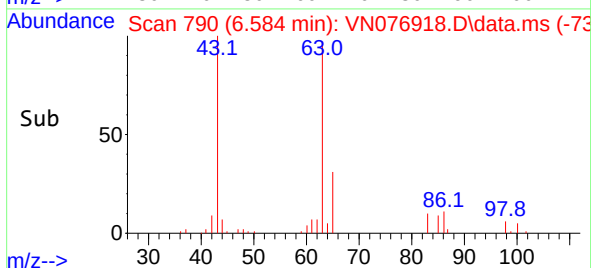
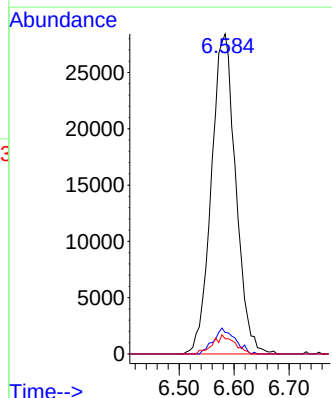
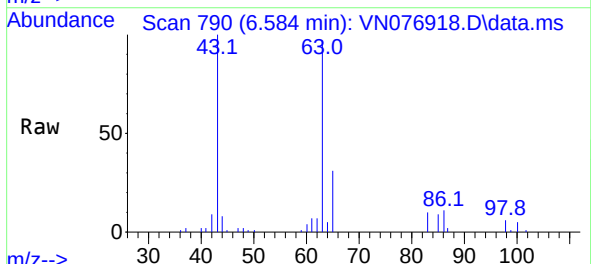
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC010

Tgt Ion: 43 Resp: 419755  
 Ion Ratio Lower Upper  
 43 100  
 86 11.5 11.8 17.6#

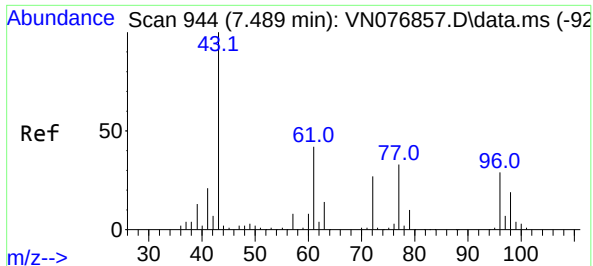


#24  
 1,1-Dichloroethane  
 Concen: 9.875 ug/l  
 RT: 6.584 min Scan# 790  
 Delta R.T. 0.006 min  
 Lab File: VN076918.D  
 Acq: 10 Mar 2023 12:10

Tgt Ion: 63 Resp: 87461  
 Ion Ratio Lower Upper  
 63 100  
 98 6.7 4.2 12.6  
 100 4.7 2.2 6.6



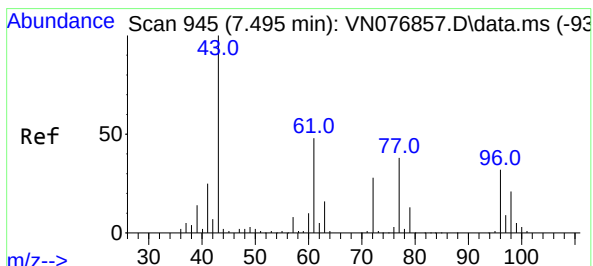
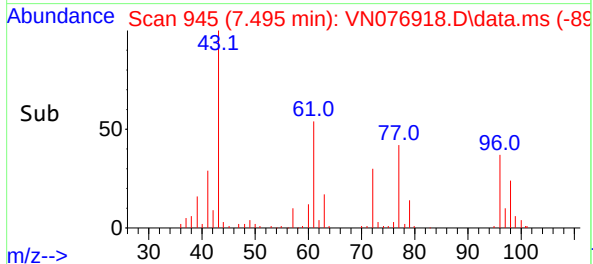
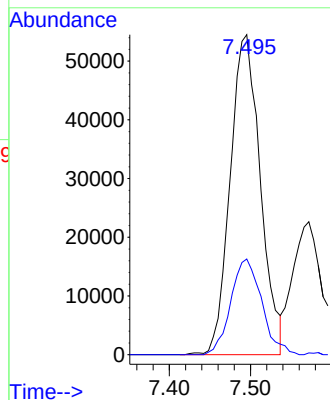
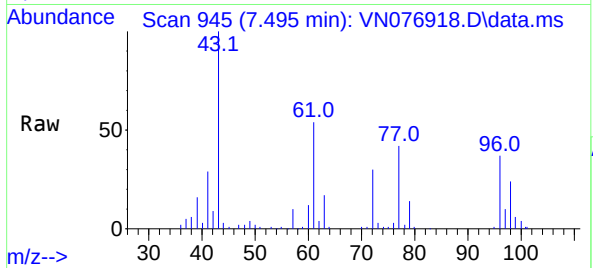




#25  
2-Butanone  
Concen: 48.401 ug/l  
RT: 7.495 min Scan# 945  
Delta R.T. 0.006 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

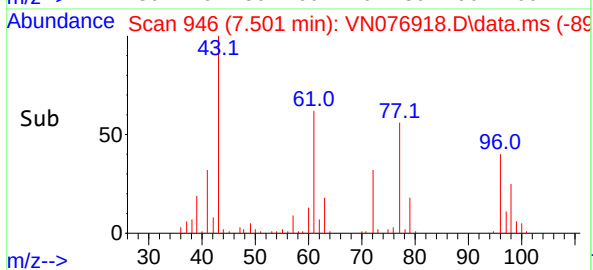
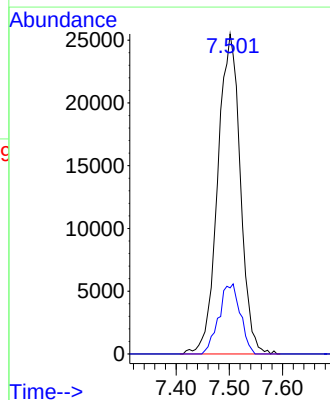
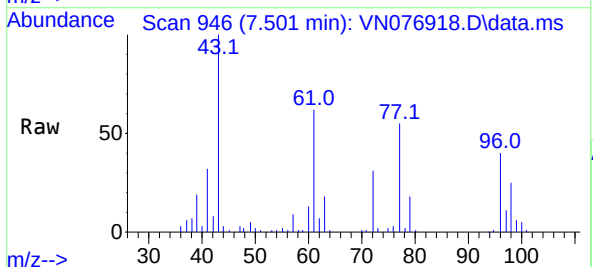
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

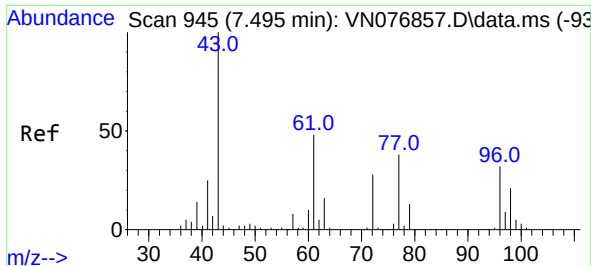
Tgt Ion: 43 Resp: 140694  
Ion Ratio Lower Upper  
43 100  
72 29.9 28.8 43.2



#26  
2,2-Dichloropropane  
Concen: 9.586 ug/l  
RT: 7.501 min Scan# 946  
Delta R.T. -0.000 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

Tgt Ion: 77 Resp: 75138  
Ion Ratio Lower Upper  
77 100  
97 20.7 11.5 34.5

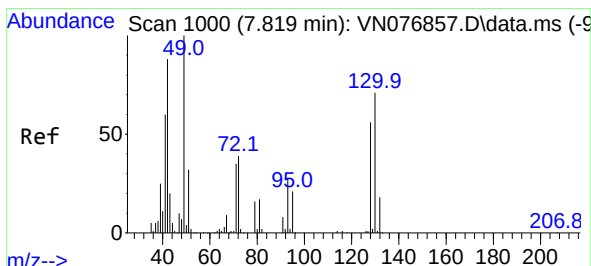
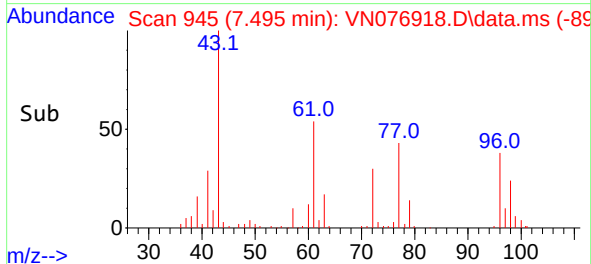
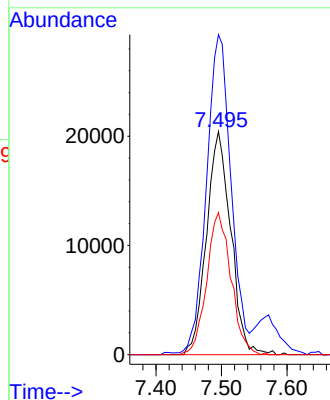
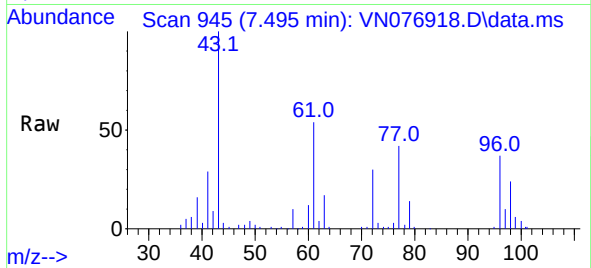




#27  
cis-1,2-Dichloroethene  
Concen: 9.829 ug/l  
RT: 7.495 min Scan# 945  
Delta R.T. -0.000 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

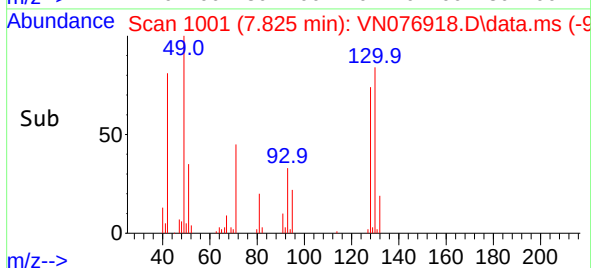
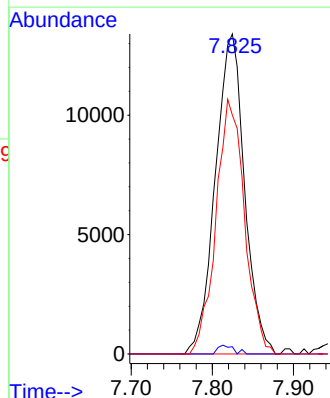
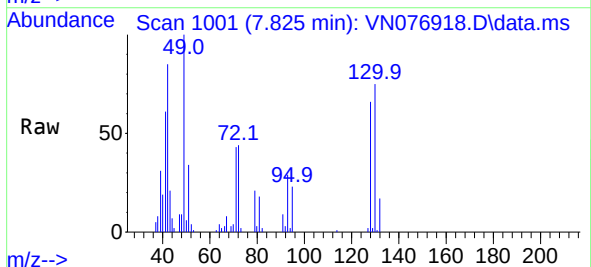
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

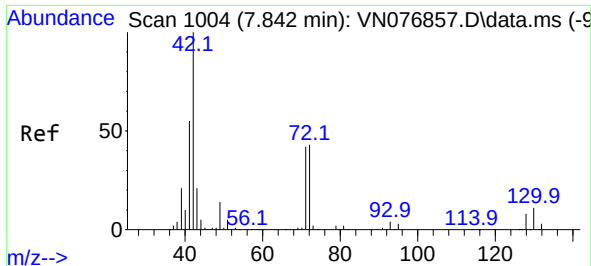
Tgt Ion: 96 Resp: 52533  
Ion Ratio Lower Upper  
96 100  
61 144.0 0.0 255.6  
98 63.5 0.0 127.4



#28  
Bromochloromethane  
Concen: 10.463 ug/l  
RT: 7.825 min Scan# 1001  
Delta R.T. 0.006 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

Tgt Ion: 49 Resp: 33523  
Ion Ratio Lower Upper  
49 100  
129 1.5 0.0 4.6  
130 77.7 74.8 112.2





#29

Tetrahydrofuran

Concen: 50.311 ug/l

RT: 7.848 min Scan# 1004

Delta R.T. 0.006 min

Lab File: VN076918.D

Acq: 10 Mar 2023 12:10

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC010

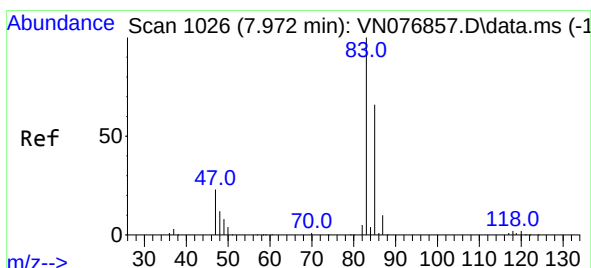
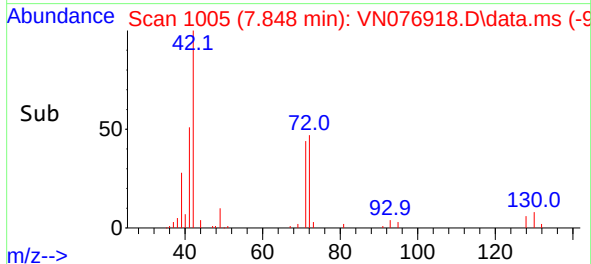
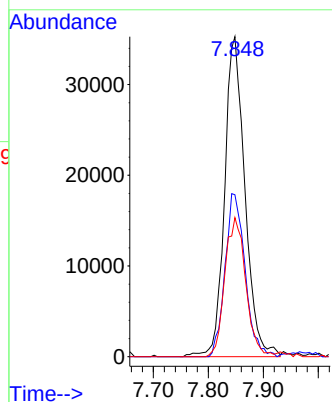
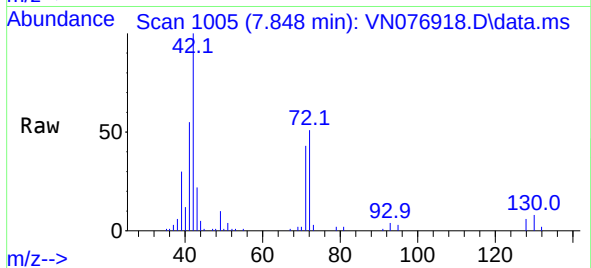
Tgt Ion: 42 Resp: 90647

Ion Ratio Lower Upper

42 100

72 50.2 48.6 73.0

71 44.6 45.1 67.7#



#30

Chloroform

Concen: 9.695 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN076918.D

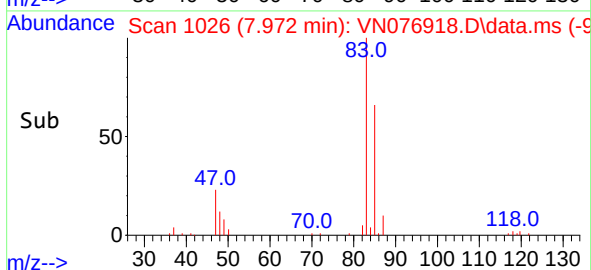
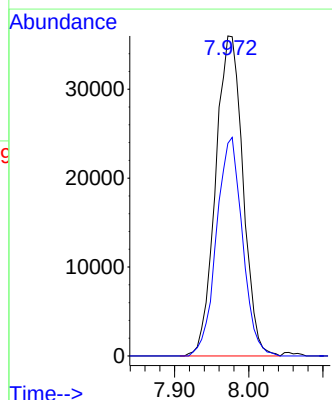
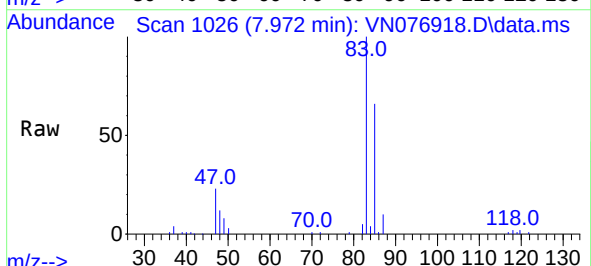
Acq: 10 Mar 2023 12:10

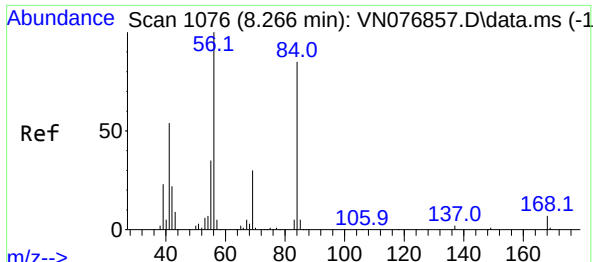
Tgt Ion: 83 Resp: 92265

Ion Ratio Lower Upper

83 100

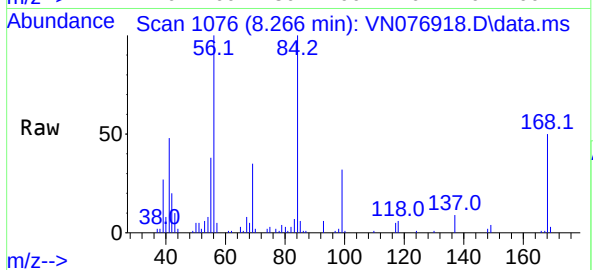
85 66.4 51.3 76.9



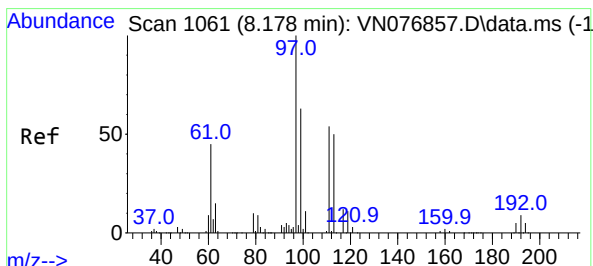
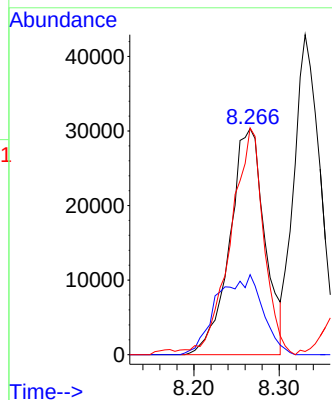
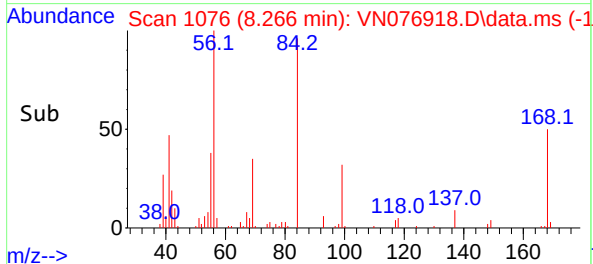


#31  
Cyclohexane  
Concen: 10.227 ug/l  
RT: 8.266 min Scan# 1076  
Delta R.T. -0.000 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

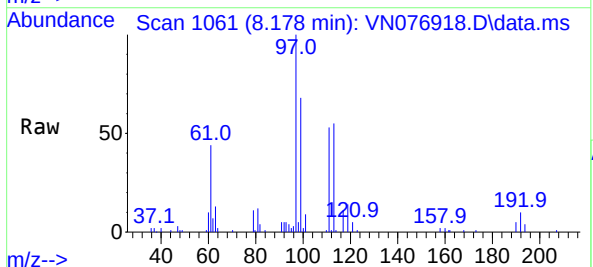
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010



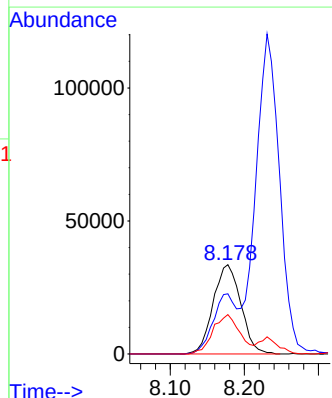
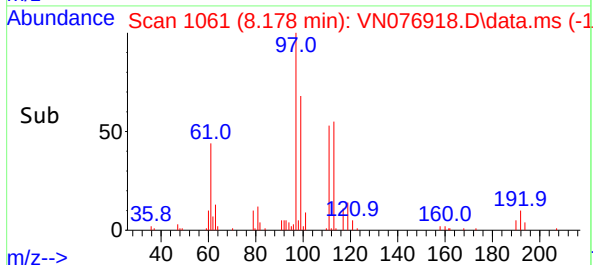
Tgt Ion: 56 Resp: 86543  
Ion Ratio Lower Upper  
56 100  
69 35.4 27.0 40.6  
84 98.2 82.9 124.3

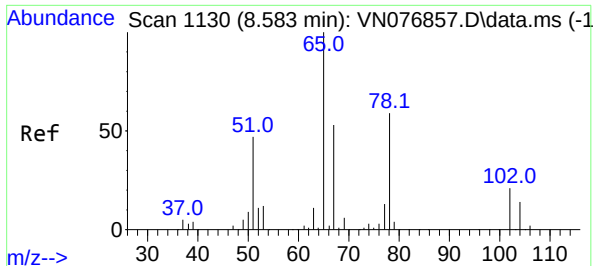


#32  
1,1,1-Trichloroethane  
Concen: 9.746 ug/l  
RT: 8.178 min Scan# 1061  
Delta R.T. -0.000 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10



Tgt Ion: 97 Resp: 86961  
Ion Ratio Lower Upper  
97 100  
99 54.6 51.2 76.8  
61 43.2 35.7 53.5

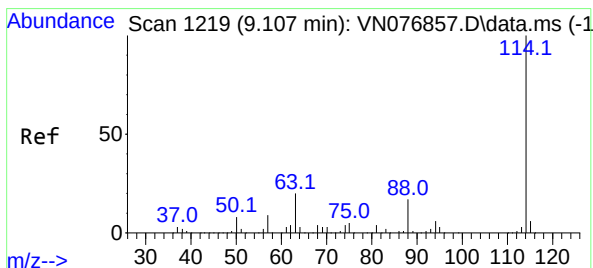
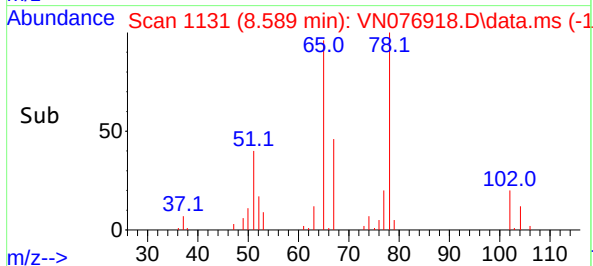
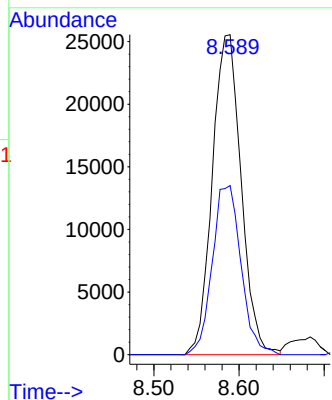
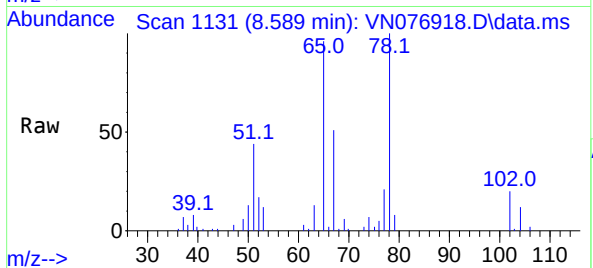




#33  
1,2-Dichloroethane-d4  
Concen: 10.178 ug/l  
RT: 8.589 min Scan# 1130  
Delta R.T. 0.006 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

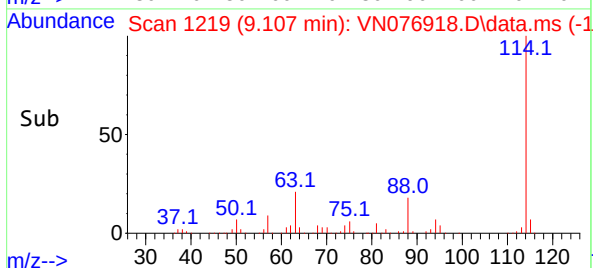
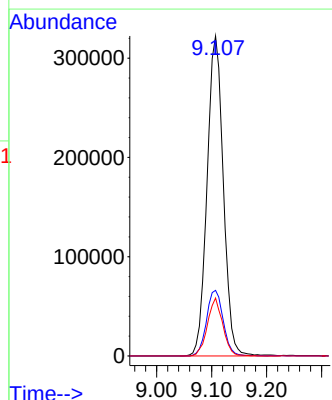
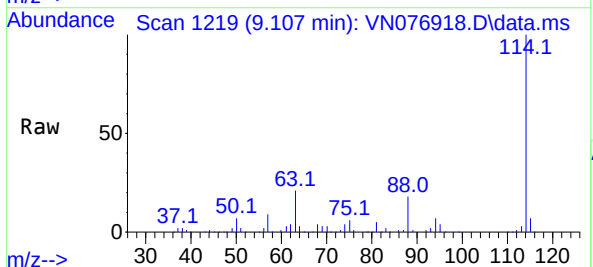
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

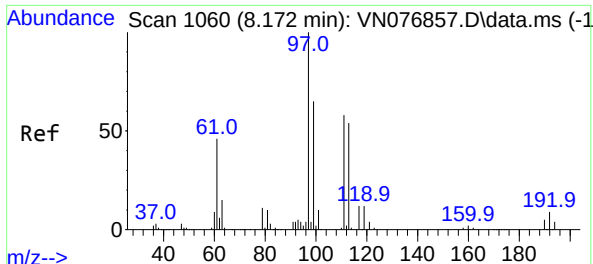
Tgt Ion: 65 Resp: 60032  
Ion Ratio Lower Upper  
65 100  
67 52.7 0.0 107.2



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.107 min Scan# 1219  
Delta R.T. -0.000 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

Tgt Ion: 114 Resp: 661793  
Ion Ratio Lower Upper  
114 100  
63 20.5 0.0 36.6  
88 18.1 0.0 28.6

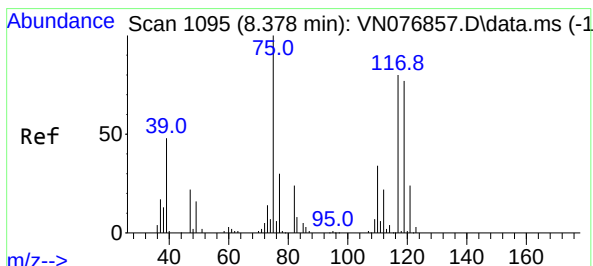
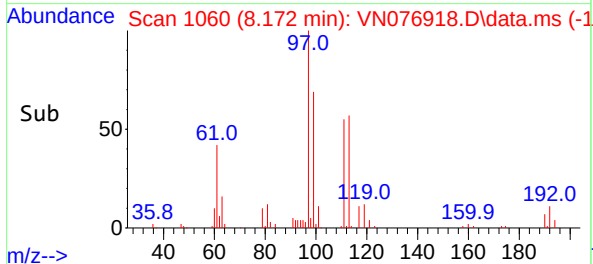
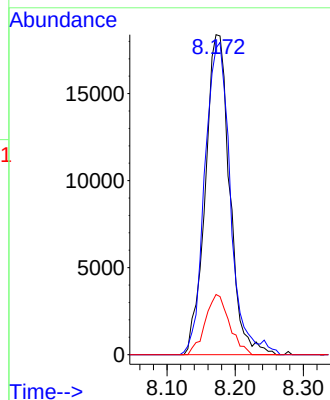
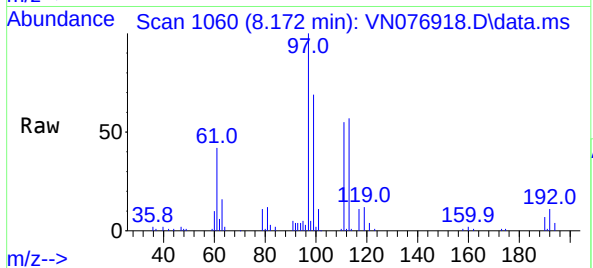




#35  
Dibromofluoromethane  
Concen: 10.386 ug/l  
RT: 8.172 min Scan# 1060  
Delta R.T. -0.000 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

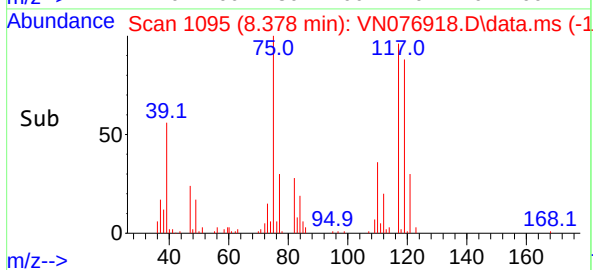
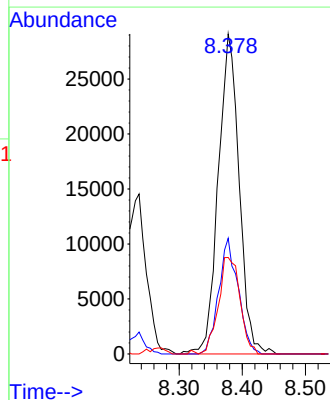
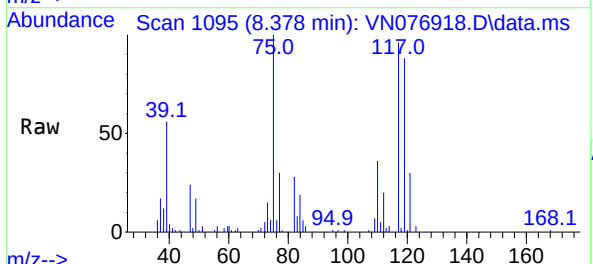
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010

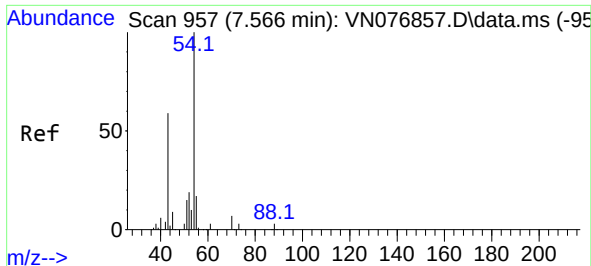
Tgt Ion:113 Resp: 45810  
Ion Ratio Lower Upper  
113 100  
111 102.5 81.8 122.8  
192 18.6 13.9 20.9



#36  
1,1-Dichloropropene  
Concen: 9.803 ug/l  
RT: 8.378 min Scan# 1095  
Delta R.T. -0.000 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

Tgt Ion: 75 Resp: 66869  
Ion Ratio Lower Upper  
75 100  
110 33.8 18.9 56.9  
77 31.2 24.9 37.3





#37

Ethyl Acetate

Concen: 10.774 ug/l

RT: 7.572 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076918.D

Acq: 10 Mar 2023 12:10

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC010

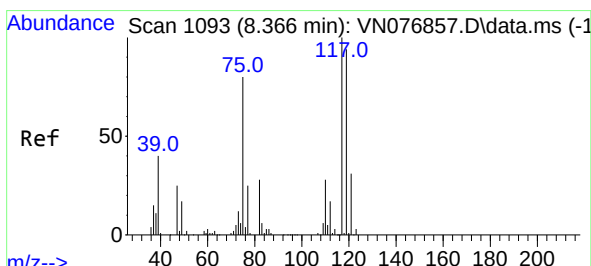
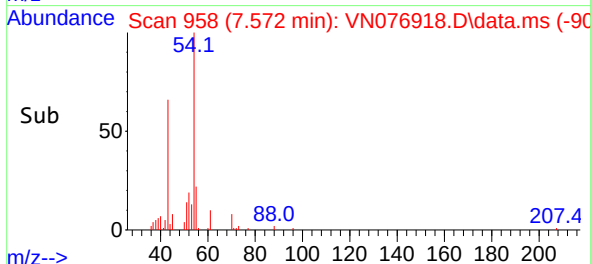
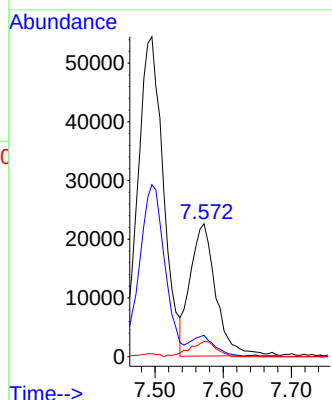
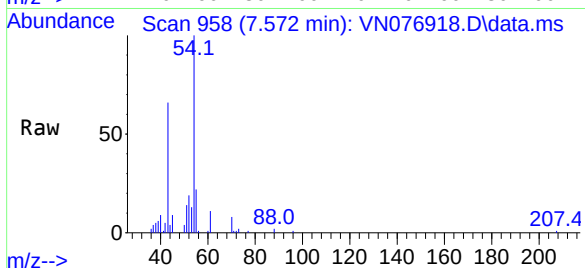
Tgt Ion: 43 Resp: 58772

Ion Ratio Lower Upper

43 100

61 15.3 13.5 20.3

70 11.9 11.0 16.6



#38

Carbon Tetrachloride

Concen: 9.814 ug/l

RT: 8.366 min Scan# 1093

Delta R.T. -0.006 min

Lab File: VN076918.D

Acq: 10 Mar 2023 12:10

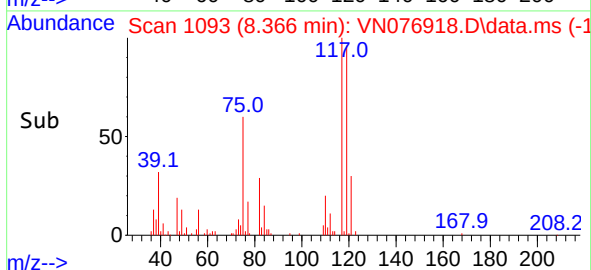
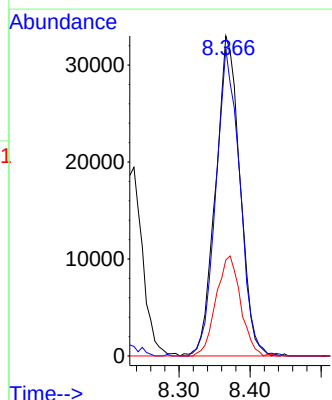
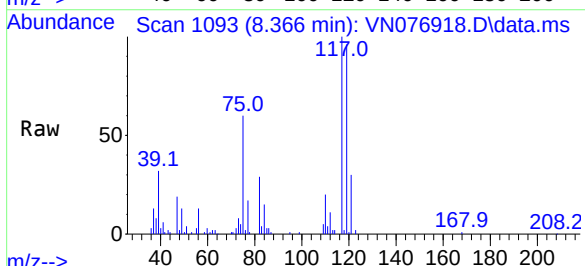
Tgt Ion: 117 Resp: 78351

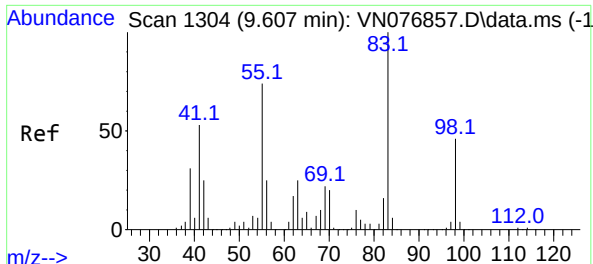
Ion Ratio Lower Upper

117 100

119 96.0 76.9 115.3

121 30.0 23.2 34.8

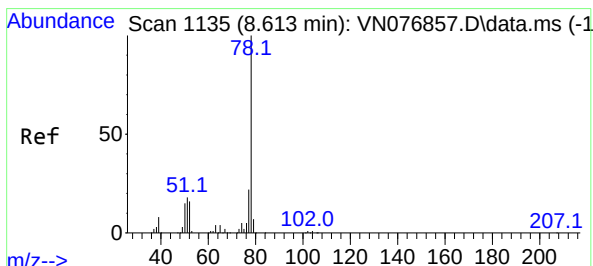
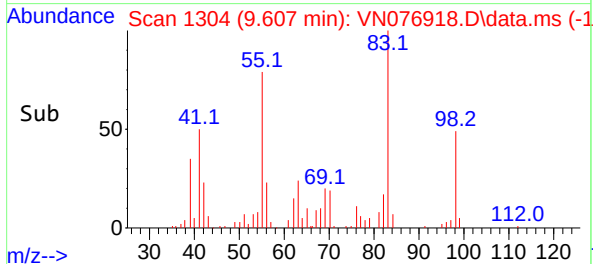
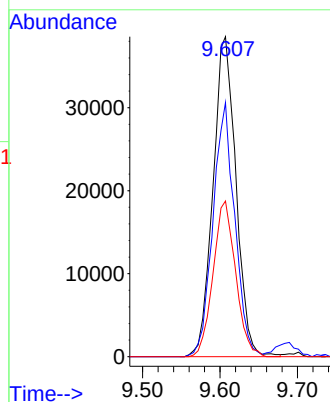
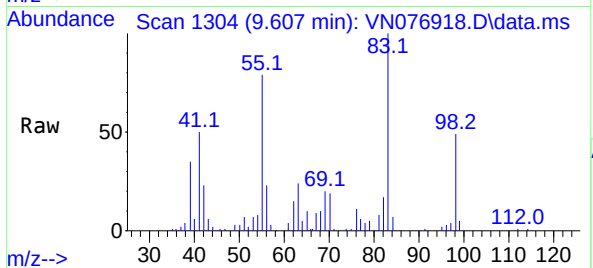




#39  
Methylcyclohexane  
Concen: 9.588 ug/l  
RT: 9.607 min Scan# 1135  
Delta R.T. -0.000 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

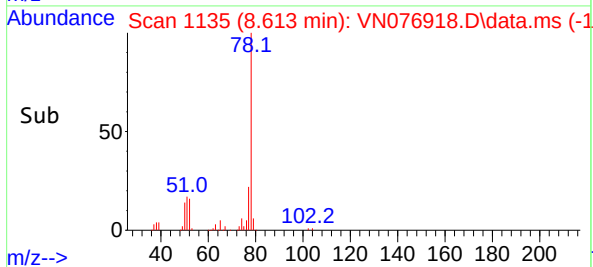
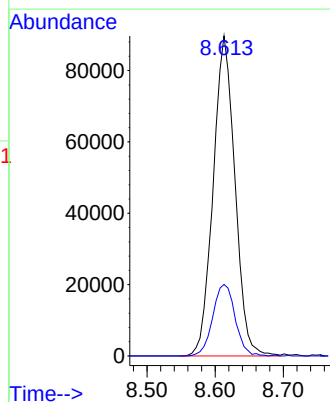
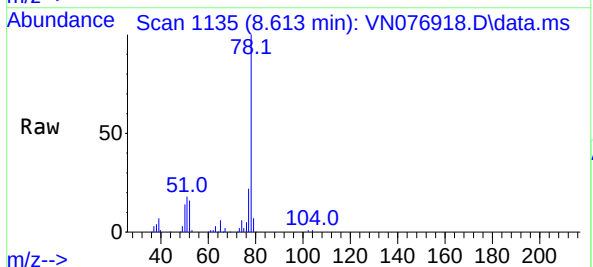
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

Tgt Ion: 83 Resp: 79394  
Ion Ratio Lower Upper  
83 100  
55 79.4 47.0 70.4#  
98 48.6 39.4 59.0

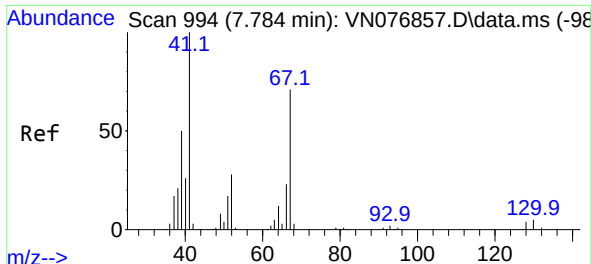


#40  
Benzene  
Concen: 9.936 ug/l  
RT: 8.613 min Scan# 1135  
Delta R.T. -0.000 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

Tgt Ion: 78 Resp: 199793  
Ion Ratio Lower Upper  
78 100  
77 22.4 19.3 28.9





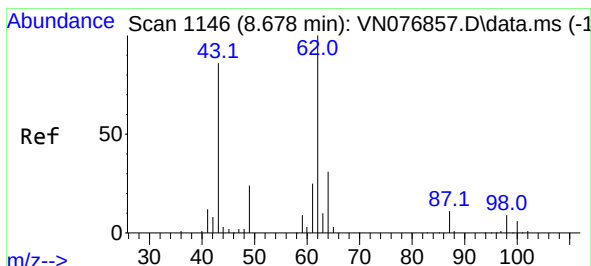
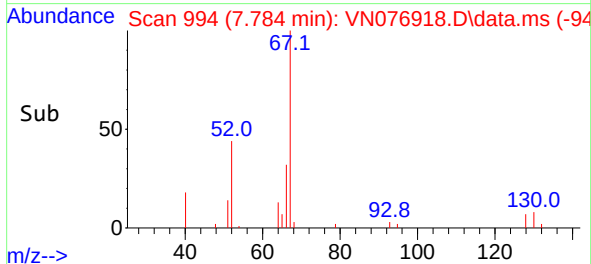
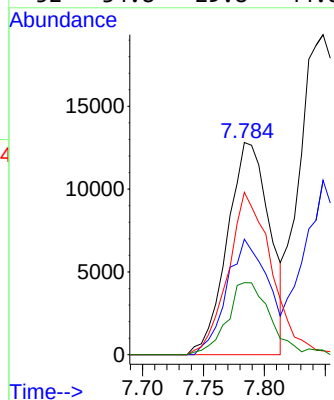
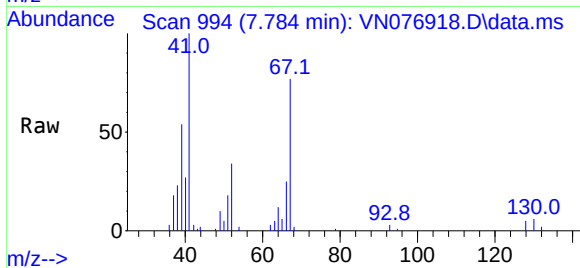


#41  
Methacrylonitrile  
Concen: 9.571 ug/l  
RT: 7.784 min Scan# 994  
Delta R.T. -0.006 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

Tgt Ion: 41 Resp: 31068

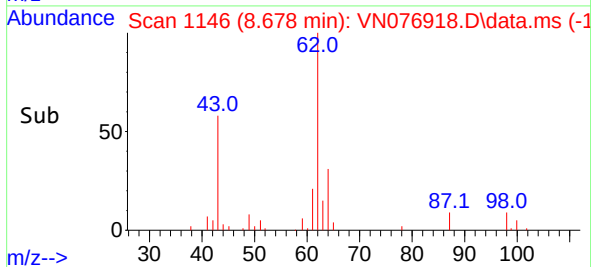
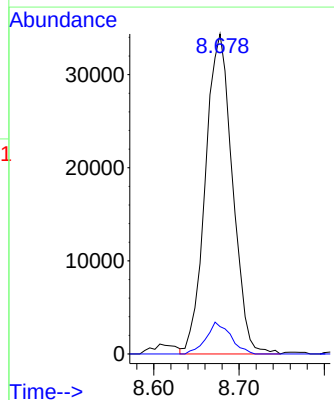
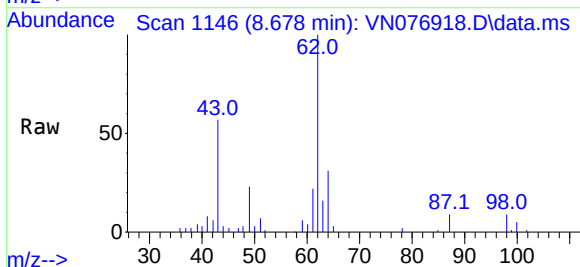
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 53.0  | 43.4  | 65.0  |
| 67  | 78.2  | 78.6  | 118.0 |
| 52  | 34.8  | 29.8  | 44.8  |

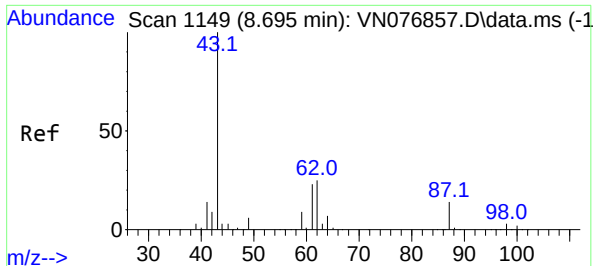


#42  
1,2-Dichloroethane  
Concen: 9.662 ug/l  
RT: 8.678 min Scan# 1146  
Delta R.T. -0.000 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

Tgt Ion: 62 Resp: 75777

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.0   | 0.0   | 21.8  |

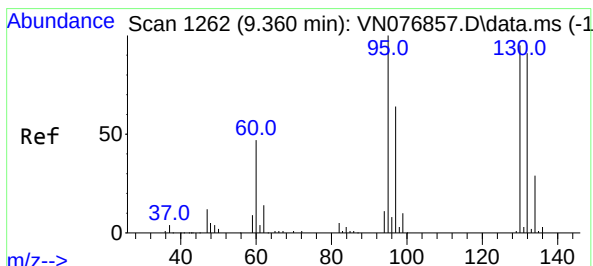
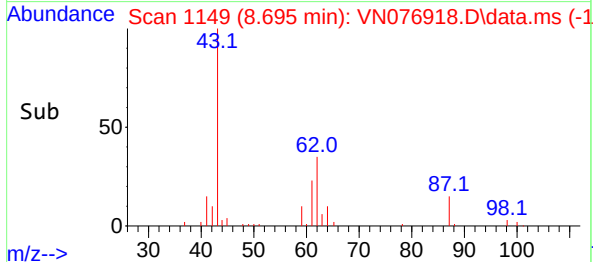
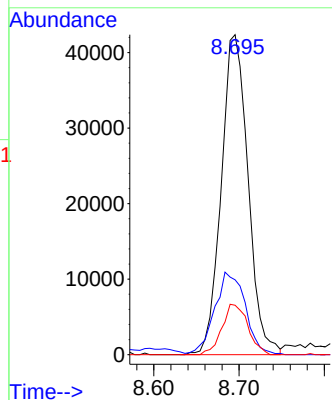
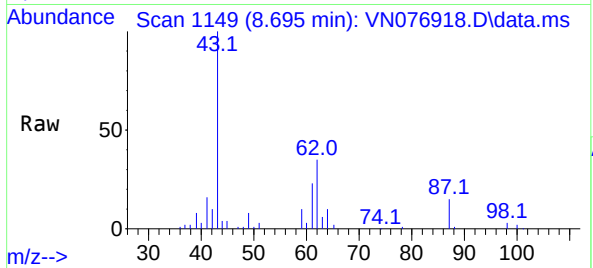




#43  
Isopropyl Acetate  
Concen: 9.615 ug/l  
RT: 8.695 min Scan# 1149  
Delta R.T. -0.000 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

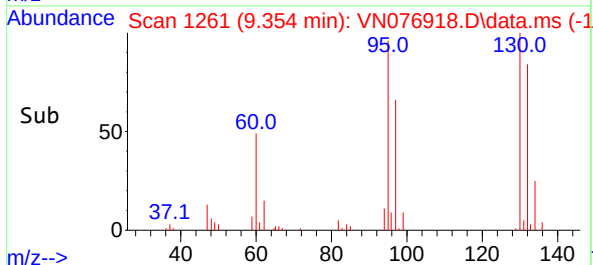
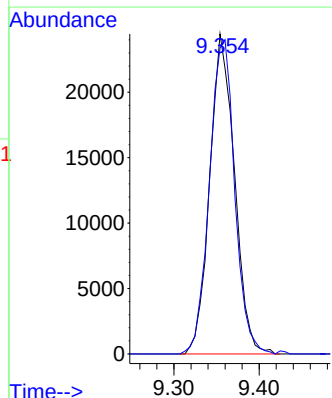
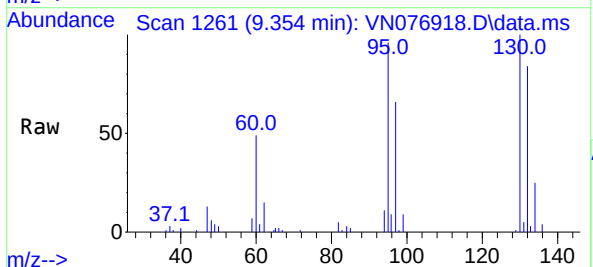
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

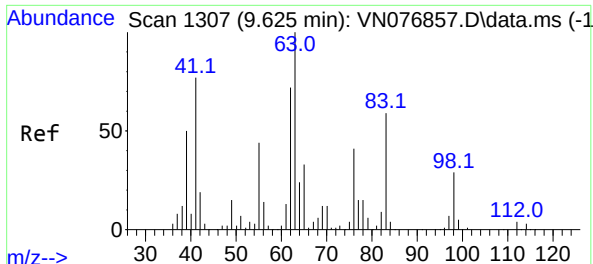
Tgt Ion: 43 Resp: 92596  
Ion Ratio Lower Upper  
43 100  
61 29.5 26.2 39.2  
87 15.2 14.8 22.2



#44  
Trichloroethene  
Concen: 9.494 ug/l  
RT: 9.354 min Scan# 1261  
Delta R.T. -0.006 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

Tgt Ion: 130 Resp: 49337  
Ion Ratio Lower Upper  
130 100  
95 95.6 0.0 208.6

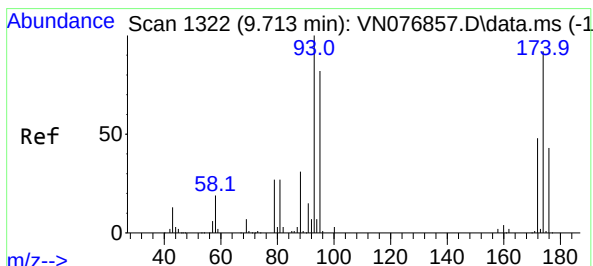
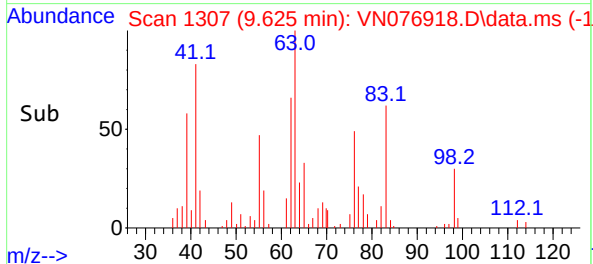
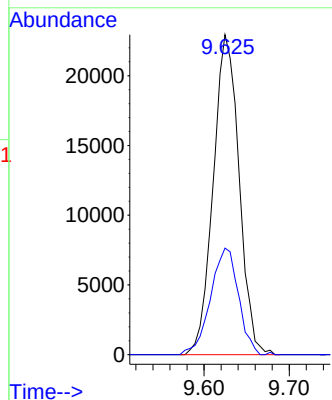
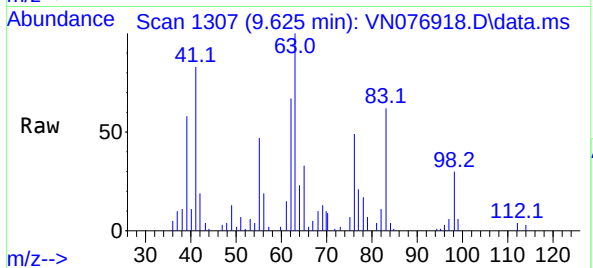




#45  
1,2-Dichloropropane  
Concen: 9.769 ug/l  
RT: 9.625 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

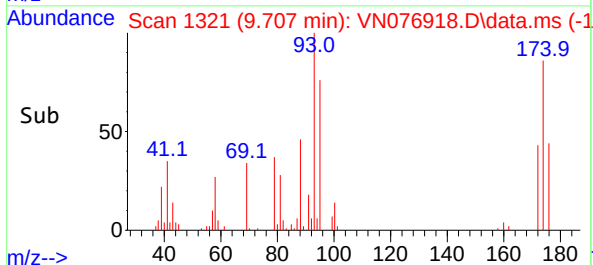
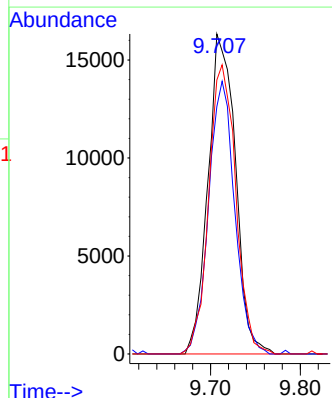
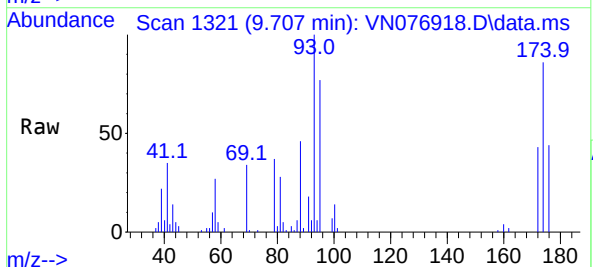
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

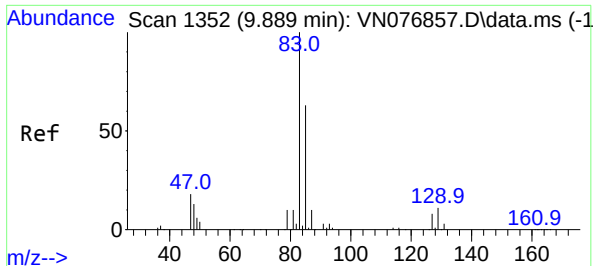
Tgt Ion: 63 Resp: 48328  
Ion Ratio Lower Upper  
63 100  
65 33.3 25.0 37.6



#46  
Dibromomethane  
Concen: 10.037 ug/l  
RT: 9.707 min Scan# 1321  
Delta R.T. -0.006 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

Tgt Ion: 93 Resp: 34680  
Ion Ratio Lower Upper  
93 100  
95 81.2 65.7 98.5  
174 89.2 69.3 103.9

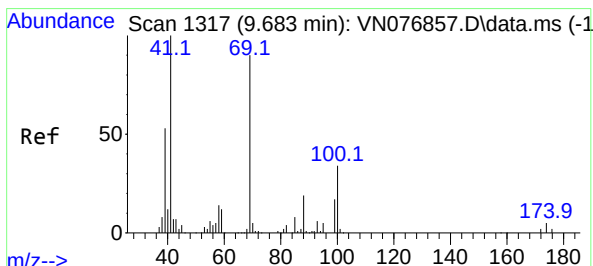
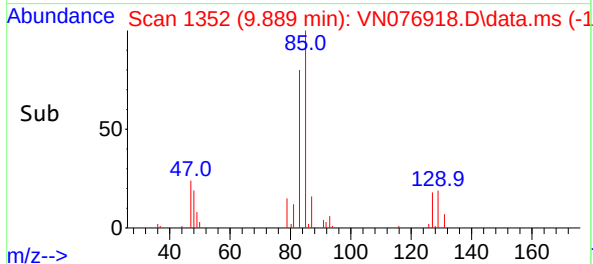
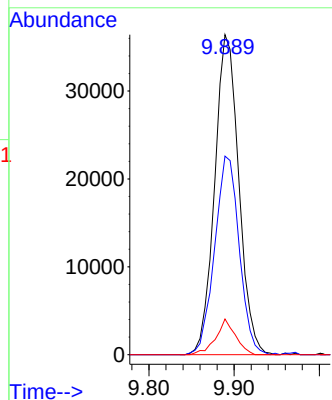
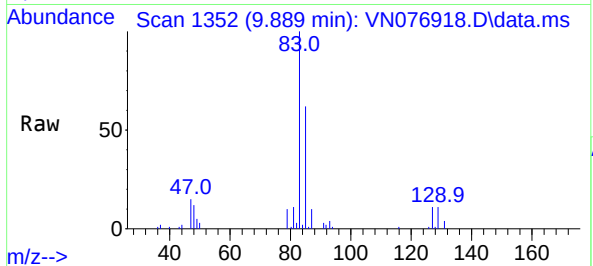




#47  
Bromodichloromethane  
Concen: 9.781 ug/l  
RT: 9.889 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

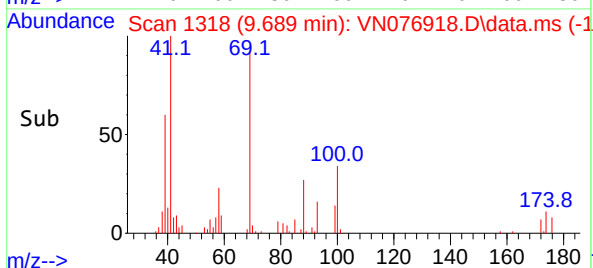
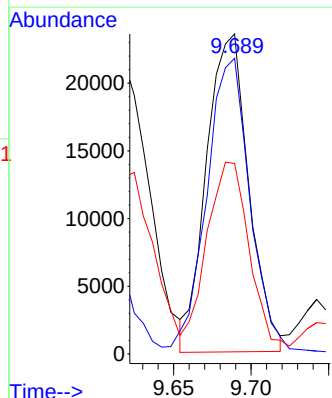
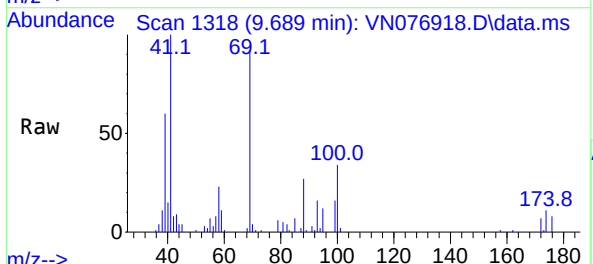
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010

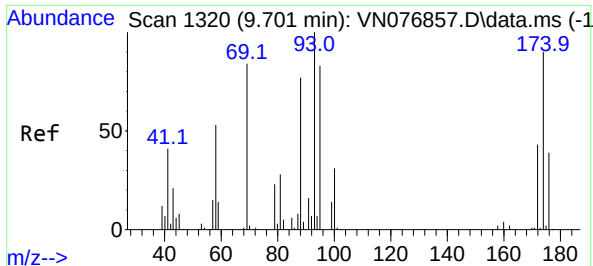
Tgt Ion: 83 Resp: 71695  
Ion Ratio Lower Upper  
83 100  
85 62.1 52.6 78.8  
127 11.1 7.0 10.6#



#48  
Methyl methacrylate  
Concen: 9.446 ug/l  
RT: 9.689 min Scan# 1318  
Delta R.T. 0.006 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

Tgt Ion: 41 Resp: 44570  
Ion Ratio Lower Upper  
41 100  
69 96.6 92.6 139.0  
39 62.1 51.4 77.0

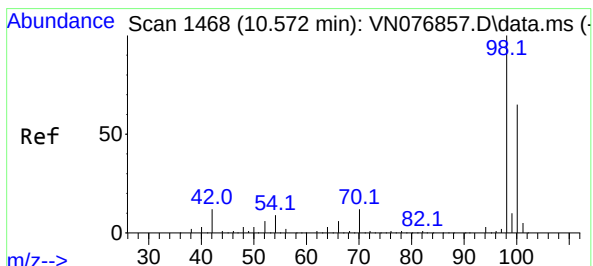
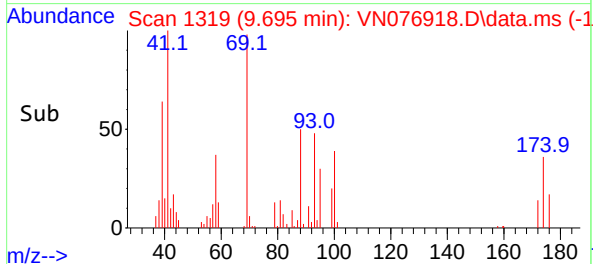
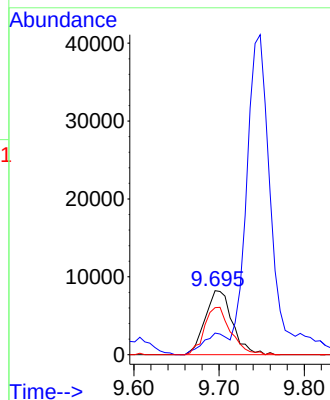
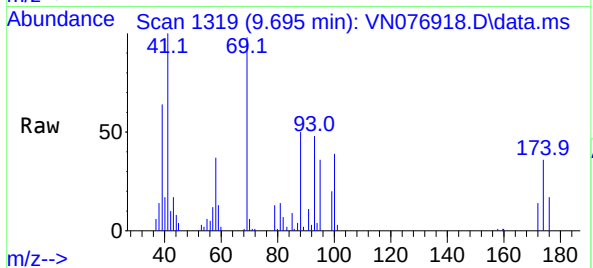




#49  
1,4-Dioxane  
Concen: 204.637 ug/l  
RT: 9.695 min Scan# 1319  
Delta R.T. -0.000 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

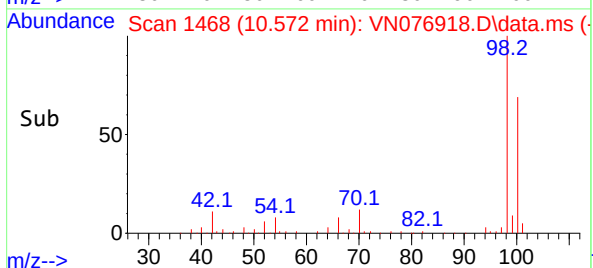
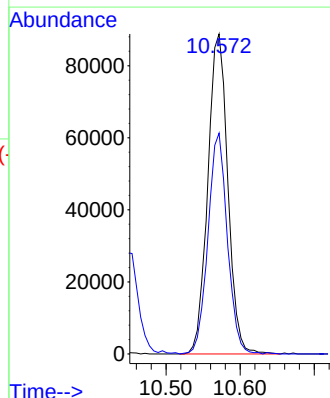
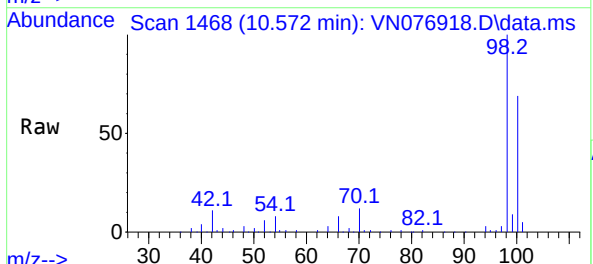
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

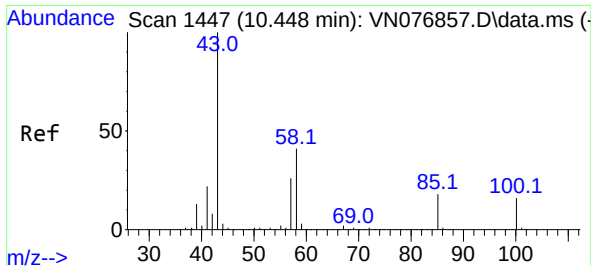
Tgt Ion: 88 Resp: 18283  
Ion Ratio Lower Upper  
88 100  
43 30.7 15.3 22.9#  
58 71.8 47.6 71.4#



#50  
Toluene-d8  
Concen: 10.235 ug/l  
RT: 10.572 min Scan# 1468  
Delta R.T. -0.000 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

Tgt Ion: 98 Resp: 166373  
Ion Ratio Lower Upper  
98 100  
100 66.8 52.8 79.2

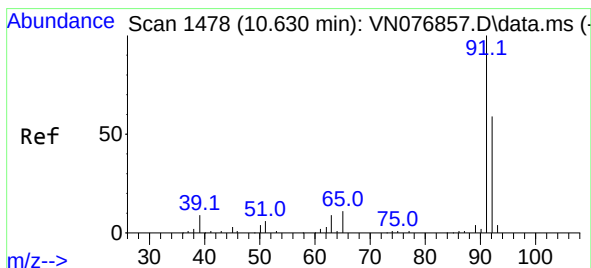
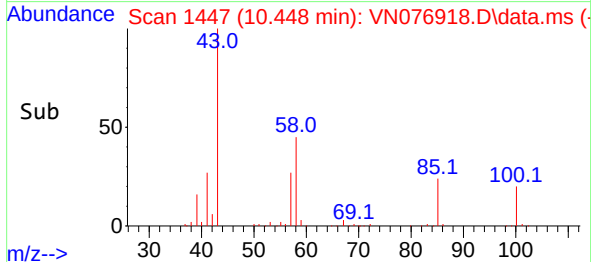
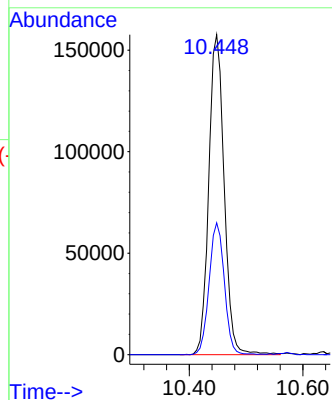
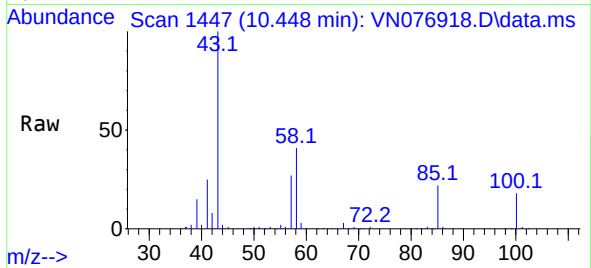




#51  
4-Methyl-2-Pentanone  
Concen: 51.057 ug/l  
RT: 10.448 min Scan# 1447  
Delta R.T. -0.000 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

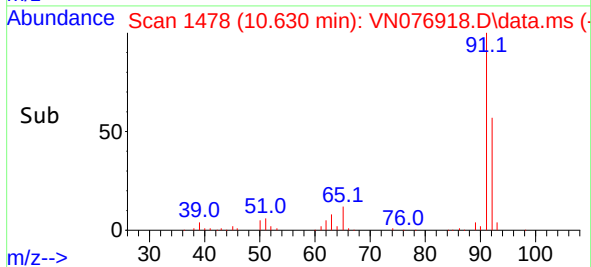
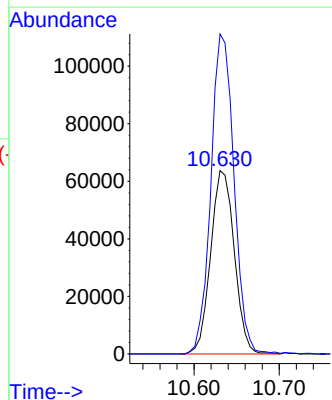
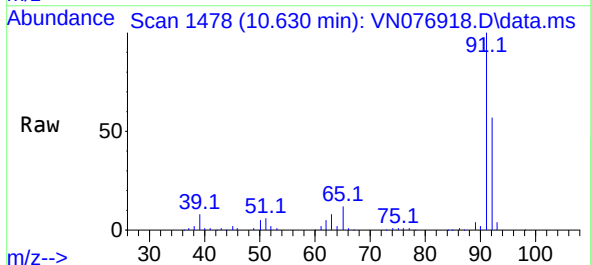
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

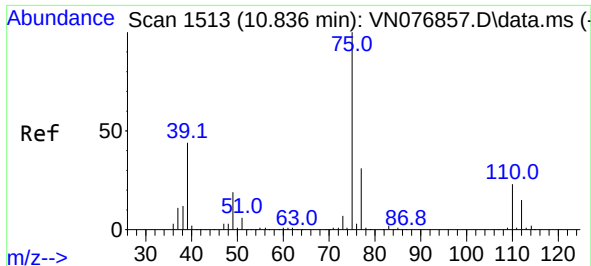
Tgt Ion: 43 Resp: 295358  
Ion Ratio Lower Upper  
43 100  
58 40.8 37.4 56.0



#52  
Toluene  
Concen: 9.922 ug/l  
RT: 10.630 min Scan# 1478  
Delta R.T. -0.006 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

Tgt Ion: 92 Resp: 122792  
Ion Ratio Lower Upper  
92 100  
91 170.9 138.2 207.2

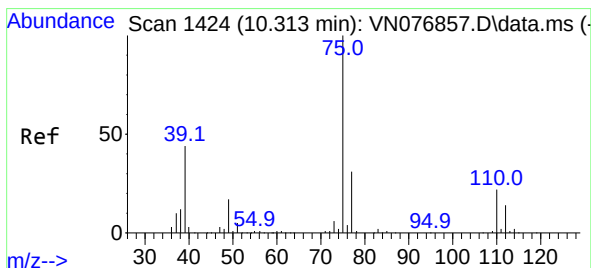
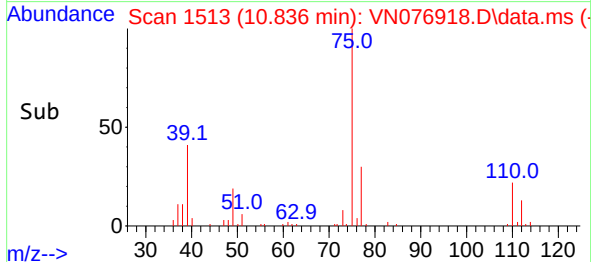
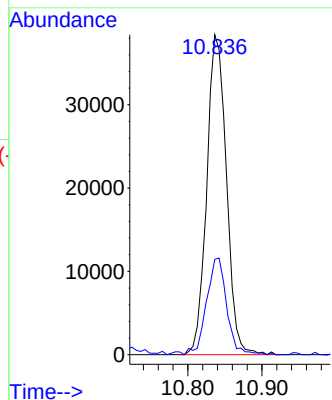
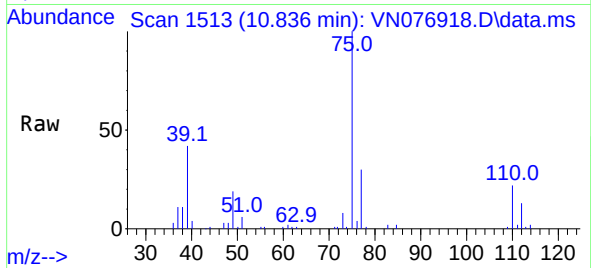




#53  
t-1,3-Dichloropropene  
Concen: 9.706 ug/l  
RT: 10.836 min Scan# 1513  
Delta R.T. -0.000 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

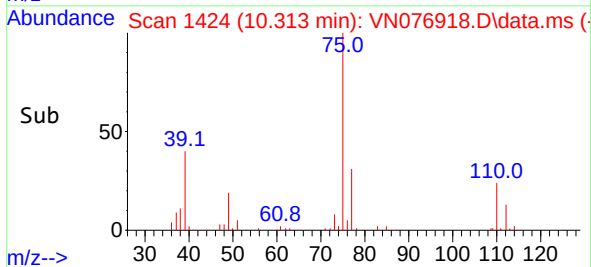
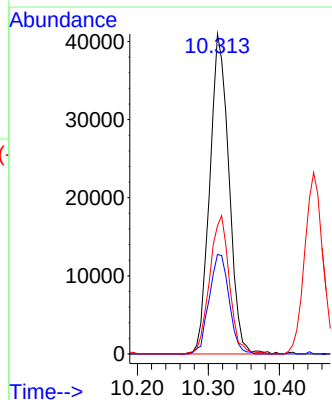
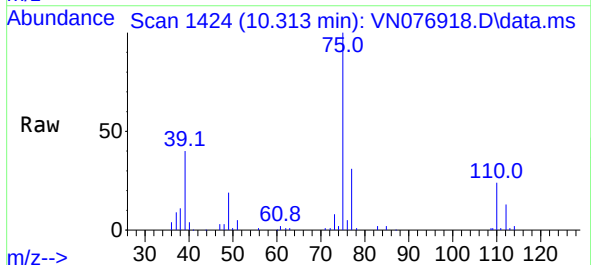
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

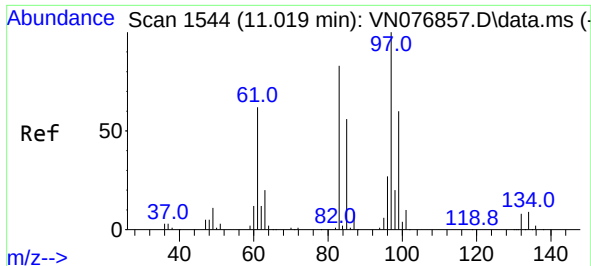
Tgt Ion: 75 Resp: 70928  
Ion Ratio Lower Upper  
75 100  
77 29.8 25.0 37.6



#54  
cis-1,3-Dichloropropene  
Concen: 9.574 ug/l  
RT: 10.313 min Scan# 1424  
Delta R.T. -0.000 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

Tgt Ion: 75 Resp: 76835  
Ion Ratio Lower Upper  
75 100  
77 31.1 25.7 38.5  
39 40.1 29.7 44.5



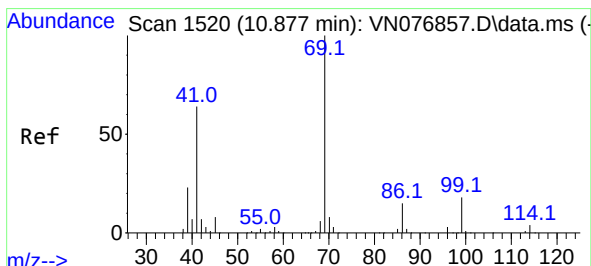
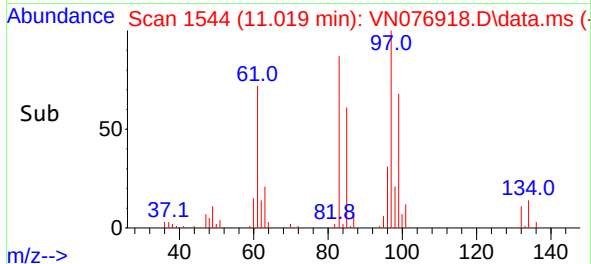
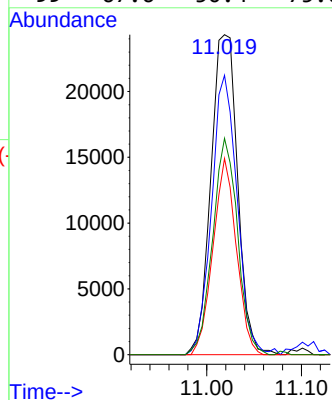
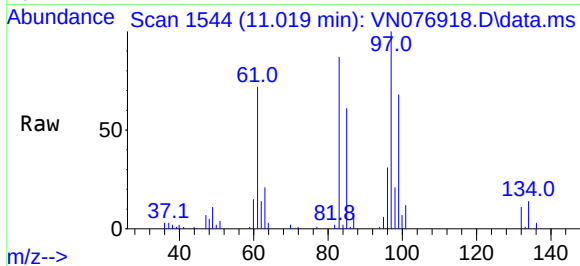


#55  
1,1,2-Trichloroethane  
Concen: 9.897 ug/l  
RT: 11.019 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

Tgt Ion: 97 Resp: 47653

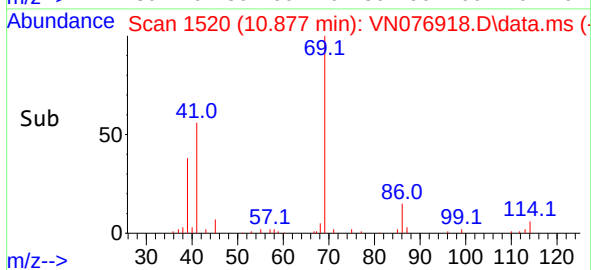
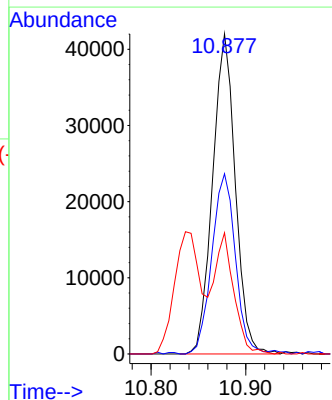
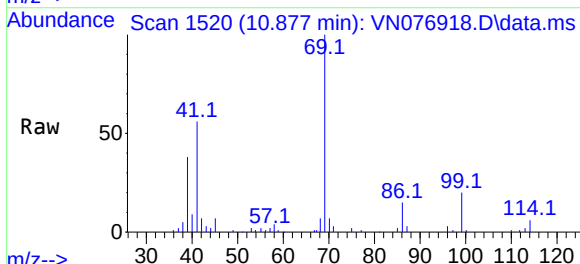
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 87.3  | 67.1  | 100.7 |
| 85  | 61.3  | 41.8  | 62.8  |
| 99  | 67.6  | 50.4  | 75.6  |



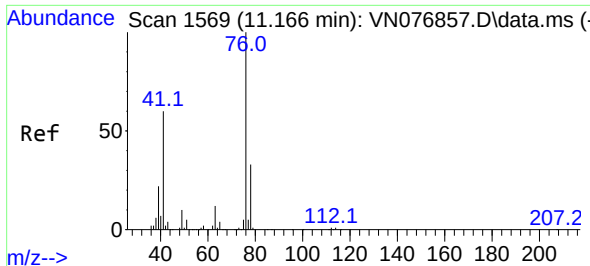
#56  
Ethyl methacrylate  
Concen: 9.575 ug/l  
RT: 10.877 min Scan# 1520  
Delta R.T. -0.000 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

Tgt Ion: 69 Resp: 69929

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 58.6  | 38.0  | 57.0# |
| 39  | 31.8  | 22.4  | 33.6  |







#57

1,3-Dichloropropane

Concen: 9.594 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN076918.D

Acq: 10 Mar 2023 12:10

Instrument :

MSVOA\_N

ClientSampleId :

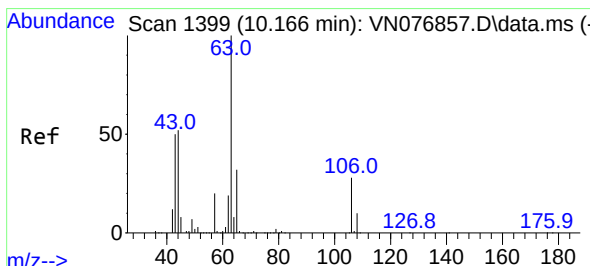
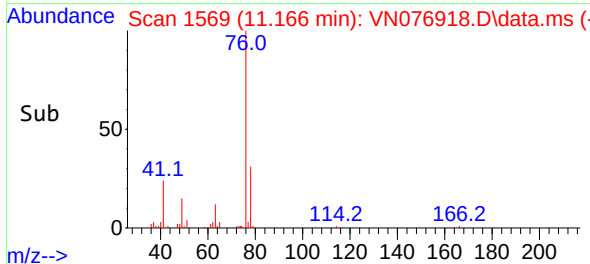
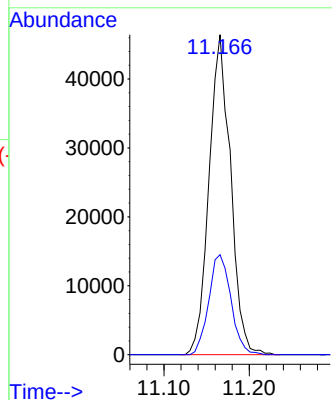
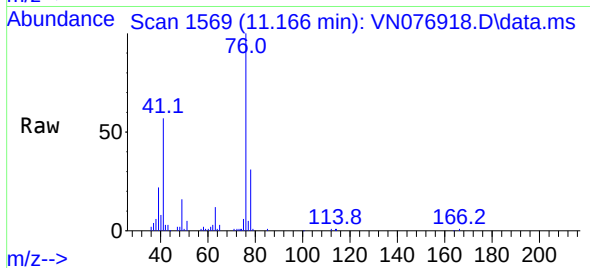
VSTDIC010

Tgt Ion: 76 Resp: 81457

Ion Ratio Lower Upper

76 100

78 32.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 46.377 ug/l

RT: 10.166 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VN076918.D

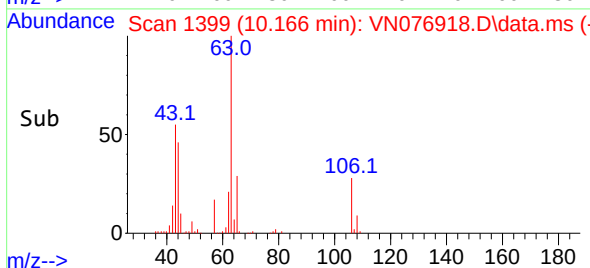
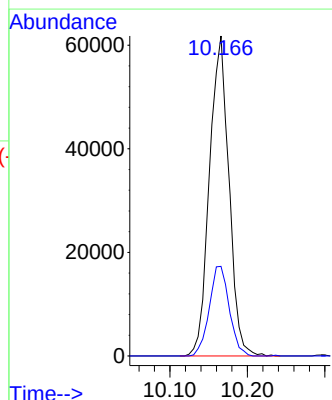
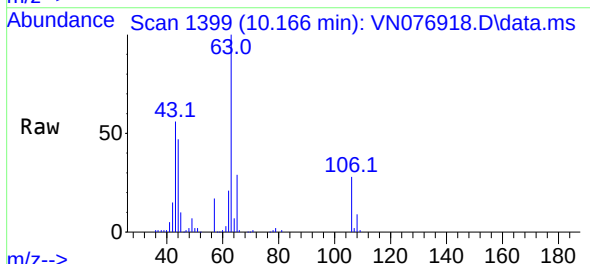
Acq: 10 Mar 2023 12:10

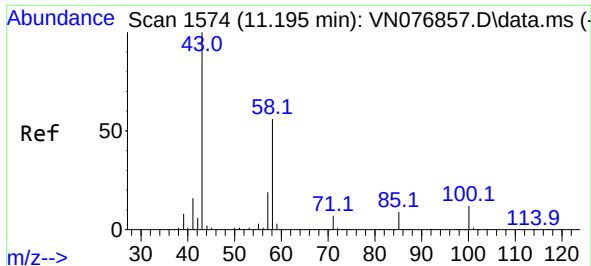
Tgt Ion: 63 Resp: 107854

Ion Ratio Lower Upper

63 100

106 28.8 25.6 38.4

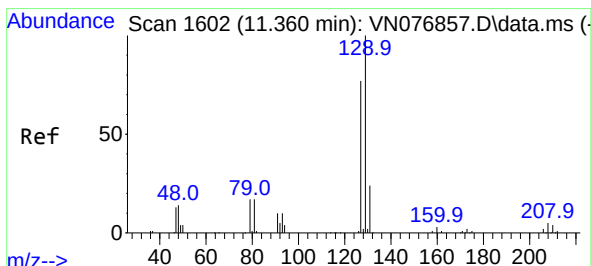
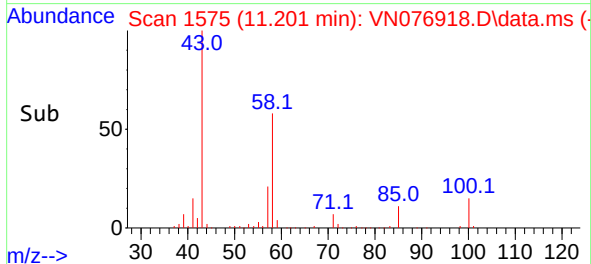
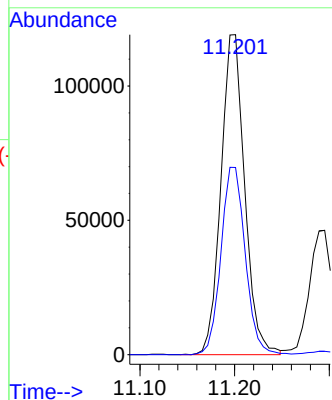
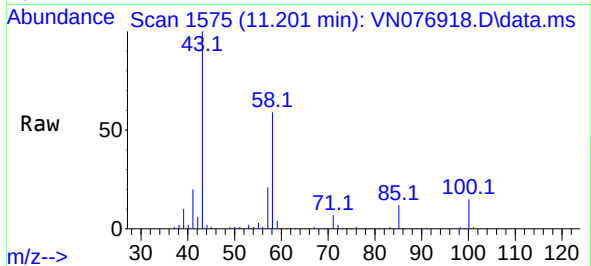




#59  
2-Hexanone  
Concen: 49.186 ug/l  
RT: 11.201 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

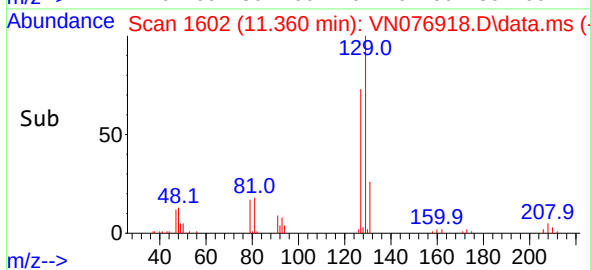
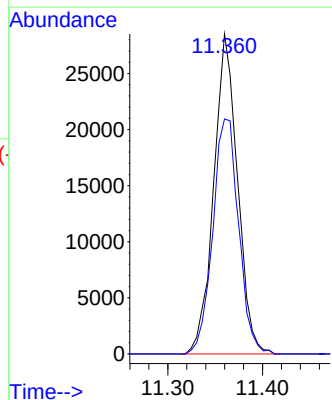
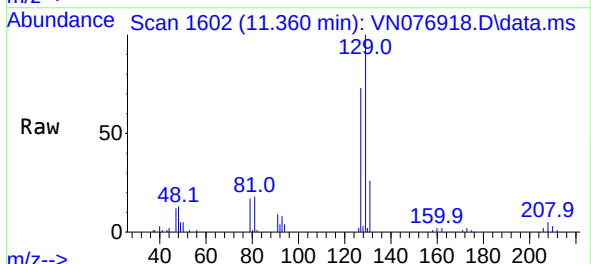
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ClientSampleId :  
VSTDIC010

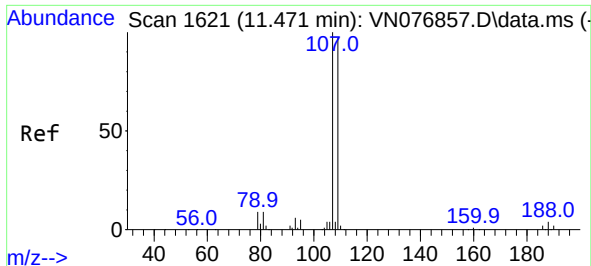
Tgt Ion: 43 Resp: 207467  
Ion Ratio Lower Upper  
43 100  
58 60.0 32.6 98.0



#60  
Dibromochloromethane  
Concen: 9.380 ug/l  
RT: 11.360 min Scan# 1602  
Delta R.T. -0.000 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

Tgt Ion:129 Resp: 49757  
Ion Ratio Lower Upper  
129 100  
127 79.9 39.6 118.8

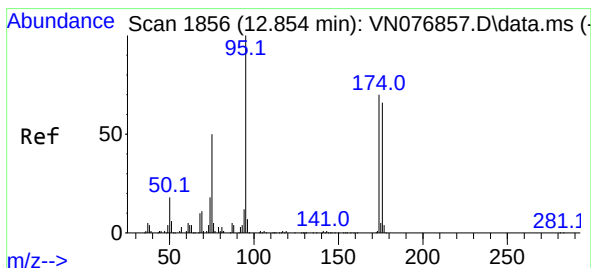
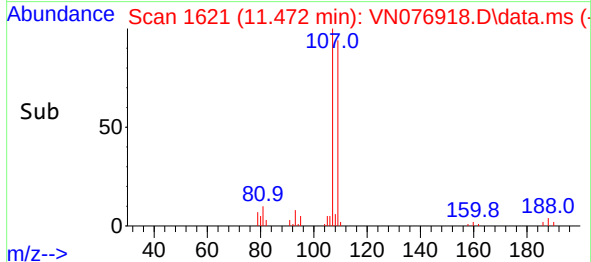
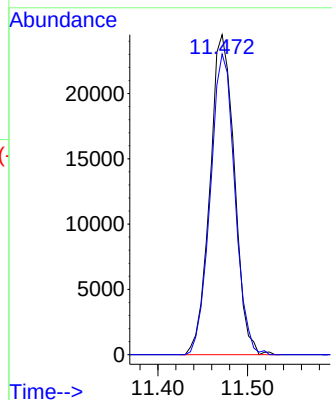
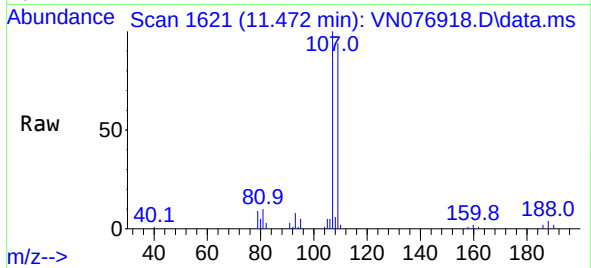




#61  
1,2-Dibromoethane  
Concen: 9.627 ug/l  
RT: 11.472 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

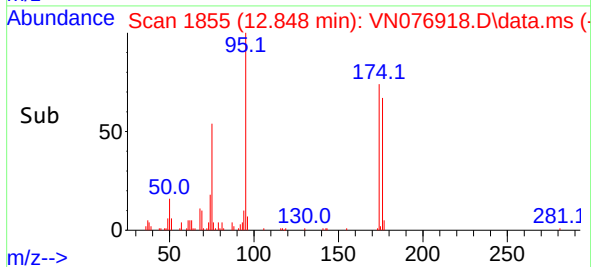
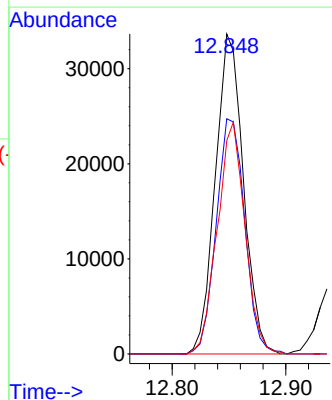
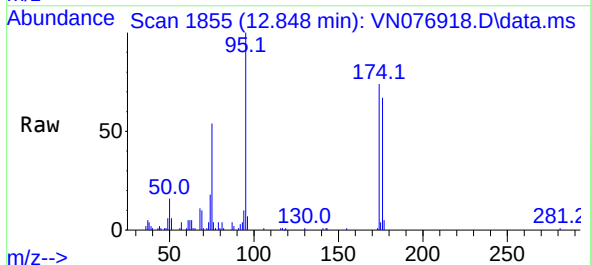
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ClientSampleId :  
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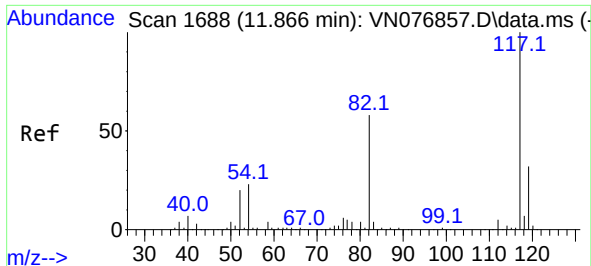
Tgt Ion:107 Resp: 46458  
Ion Ratio Lower Upper  
107 100  
109 93.6 75.9 113.9



#62  
4-Bromofluorobenzene  
Concen: 9.719 ug/l  
RT: 12.848 min Scan# 1855  
Delta R.T. -0.000 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

Tgt Ion: 95 Resp: 57785  
Ion Ratio Lower Upper  
95 100  
174 74.6 0.0 162.4  
176 71.5 0.0 157.4

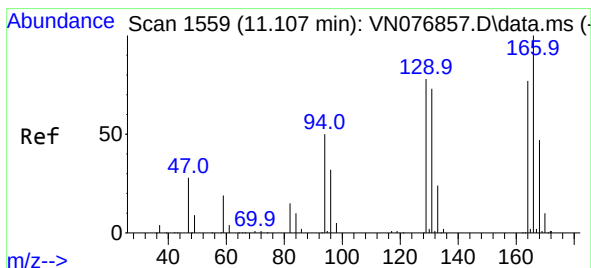
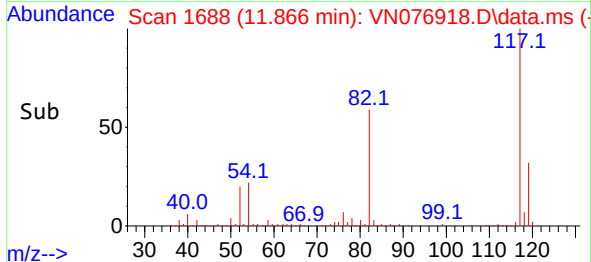
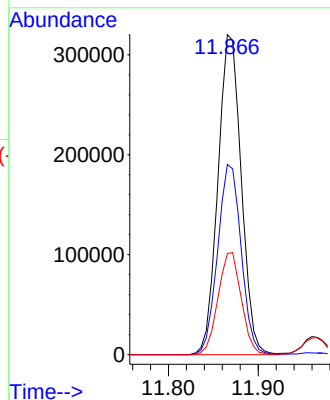
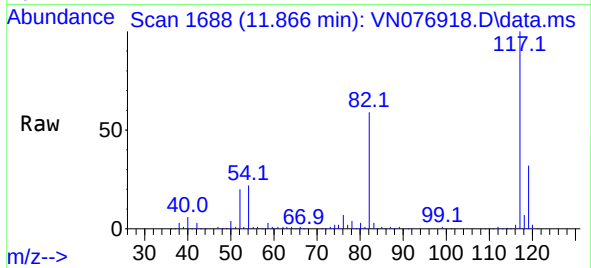




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.866 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

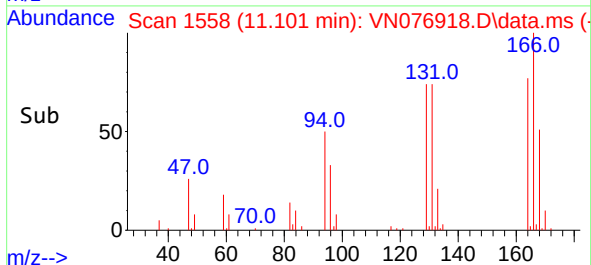
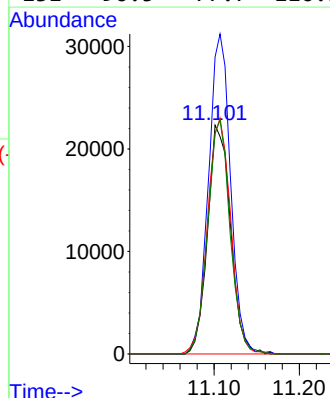
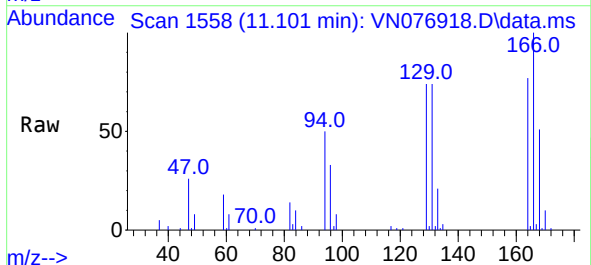
Instrument :  
MSVOA\_N  
ClientSampleId :  
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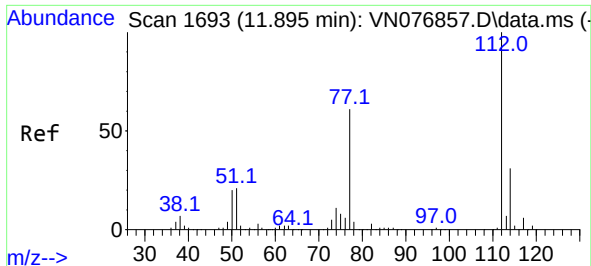
Tgt Ion:117 Resp: 578374  
Ion Ratio Lower Upper  
117 100  
82 59.5 43.5 65.3  
119 31.6 25.5 38.3



#64  
Tetrachloroethene  
Concen: 8.907 ug/l  
RT: 11.101 min Scan# 1558  
Delta R.T. -0.006 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

Tgt Ion:164 Resp: 41693  
Ion Ratio Lower Upper  
164 100  
166 129.8 102.7 154.1  
129 96.3 81.5 122.3  
131 96.5 77.7 116.5

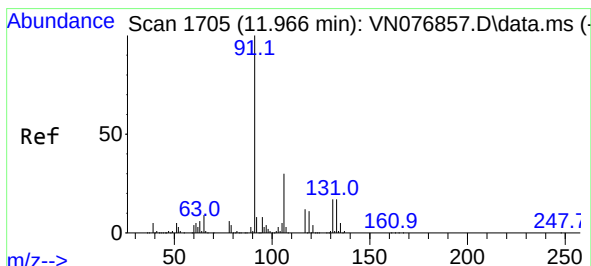
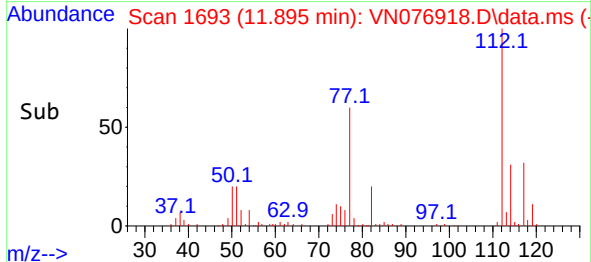
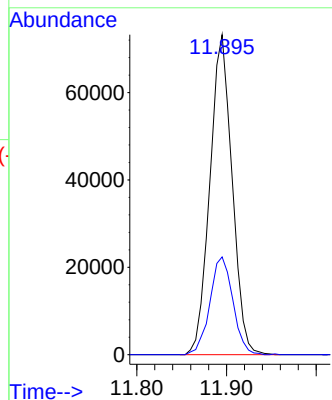
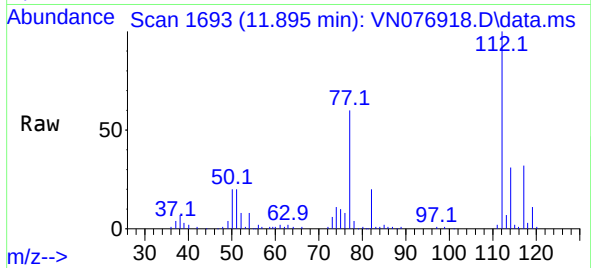




#65  
Chlorobenzene  
Concen: 9.729 ug/l  
RT: 11.895 min Scan# 112  
Delta R.T. -0.000 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

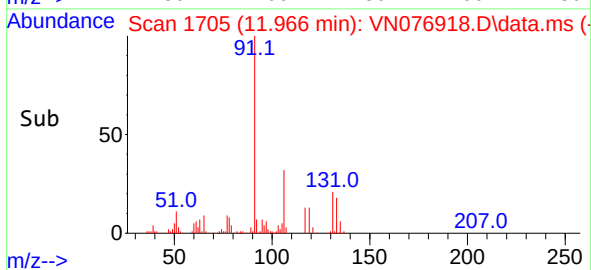
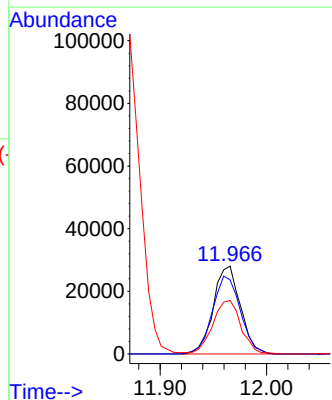
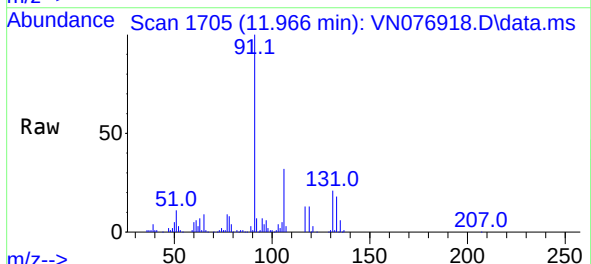
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

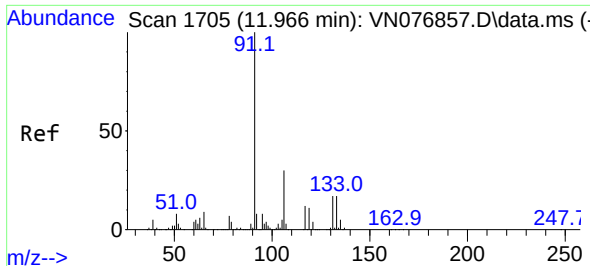
Tgt Ion:112 Resp: 125870  
Ion Ratio Lower Upper  
112 100  
114 30.5 25.8 38.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 9.754 ug/l  
RT: 11.966 min Scan# 1705  
Delta R.T. -0.000 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

Tgt Ion:131 Resp: 49261  
Ion Ratio Lower Upper  
131 100  
133 91.8 47.9 143.8  
119 64.1 33.1 99.2

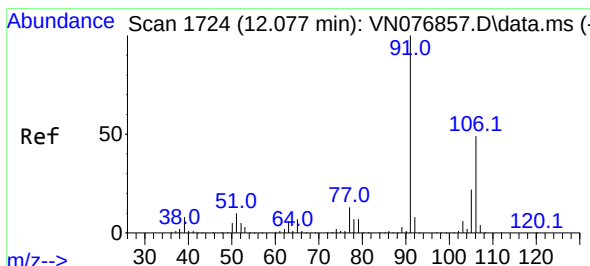
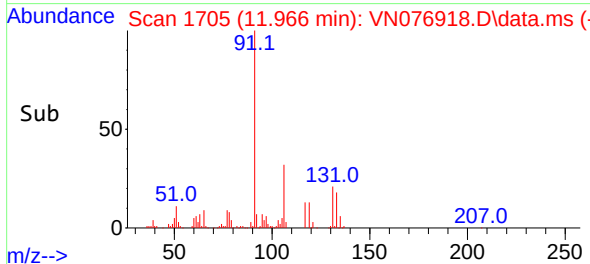
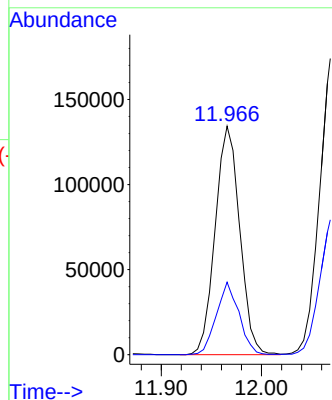
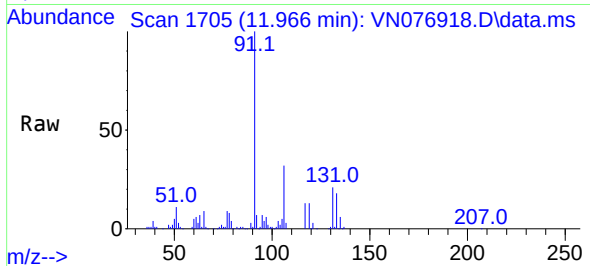




#67  
Ethyl Benzene  
Concen: 9.598 ug/l  
RT: 11.966 min Scan# 1705  
Delta R.T. -0.000 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

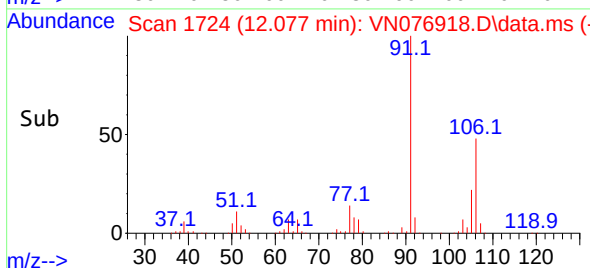
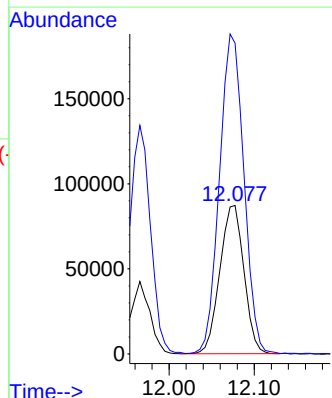
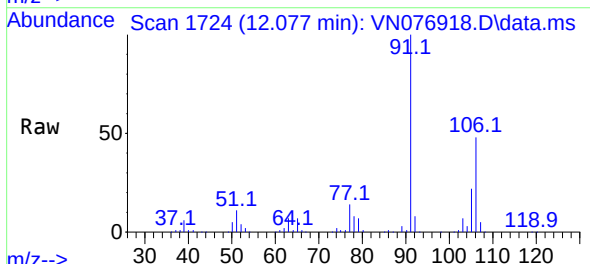
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

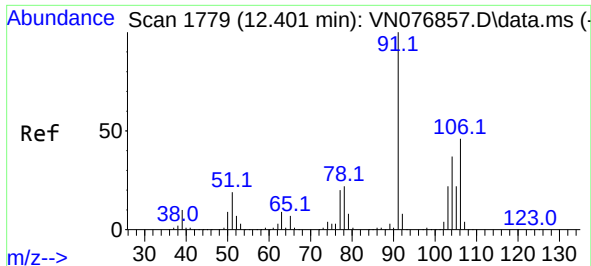
Tgt Ion: 91 Resp: 228329  
Ion Ratio Lower Upper  
91 100  
106 31.7 25.1 37.7



#68  
m/p-Xylenes  
Concen: 19.145 ug/l  
RT: 12.077 min Scan# 1724  
Delta R.T. 0.006 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

Tgt Ion: 106 Resp: 171181  
Ion Ratio Lower Upper  
106 100  
91 218.6 158.0 237.0

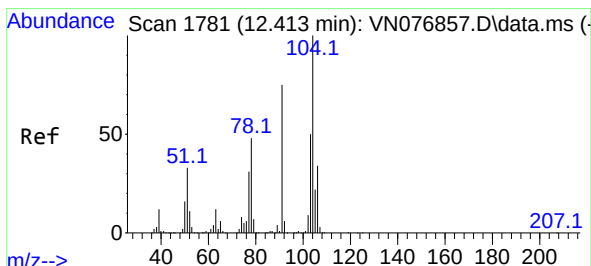
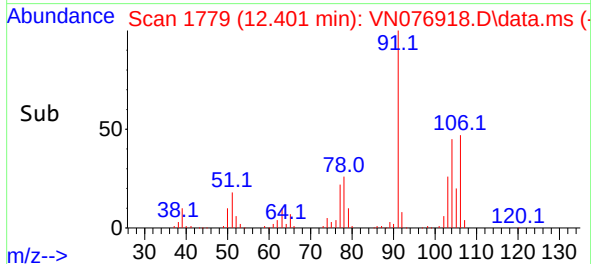
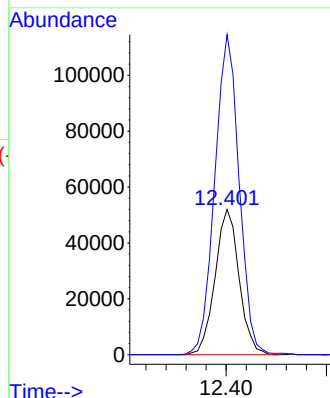
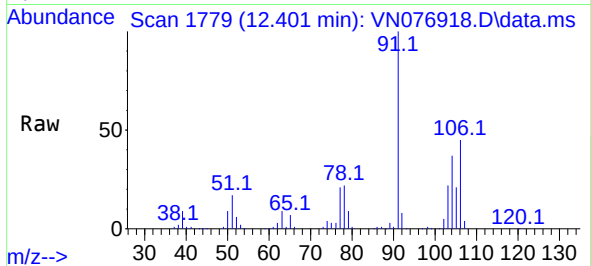




#69  
o-Xylene  
Concen: 9.949 ug/l  
RT: 12.401 min Scan# 1779  
Delta R.T. -0.000 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

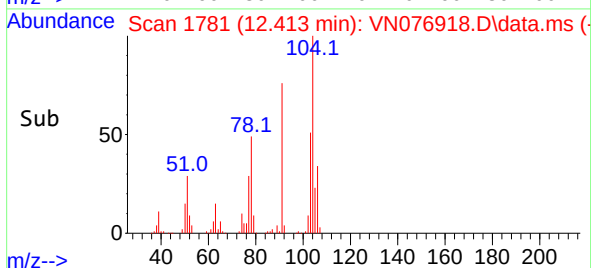
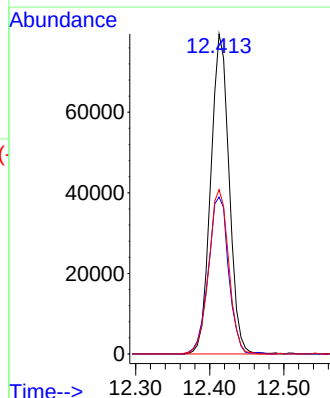
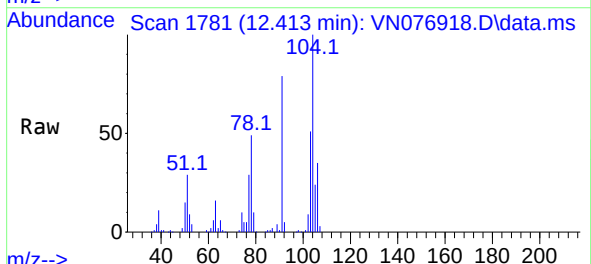
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

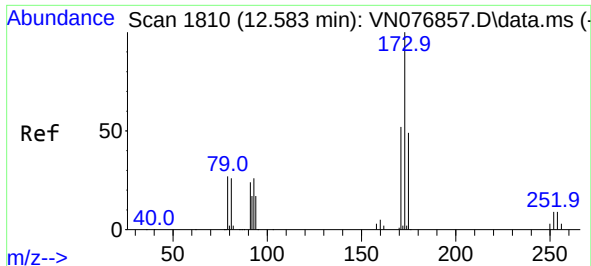
Tgt Ion:106 Resp: 86361  
Ion Ratio Lower Upper  
106 100  
91 224.0 101.8 305.4



#70  
Styrene  
Concen: 9.764 ug/l  
RT: 12.413 min Scan# 1781  
Delta R.T. -0.000 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

Tgt Ion:104 Resp: 136930  
Ion Ratio Lower Upper  
104 100  
78 54.1 36.6 55.0  
103 55.4 43.4 65.0

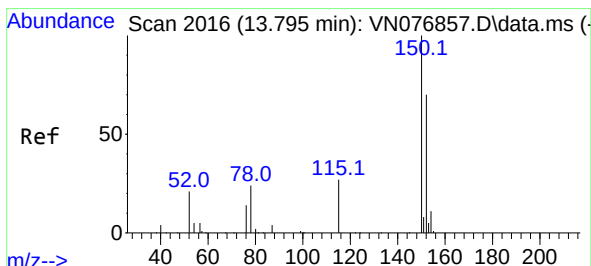
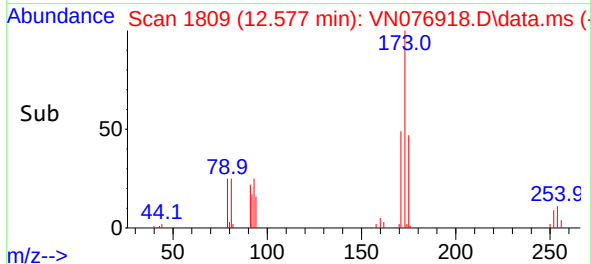
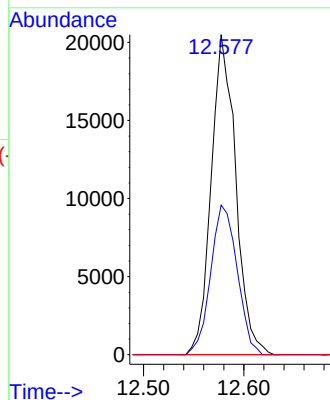
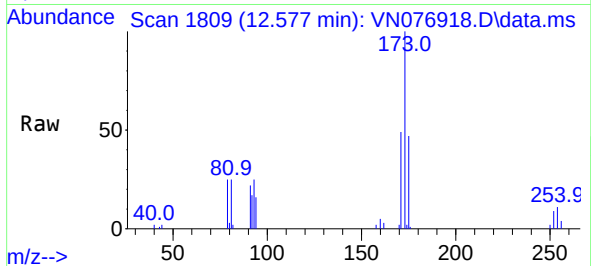




#71  
Bromoform  
Concen: 9.508 ug/l  
RT: 12.577 min Scan# 1809  
Delta R.T. -0.006 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

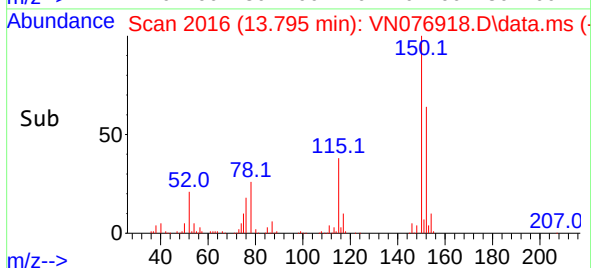
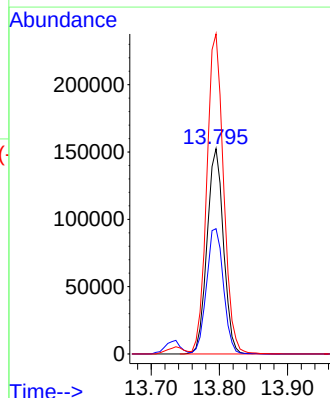
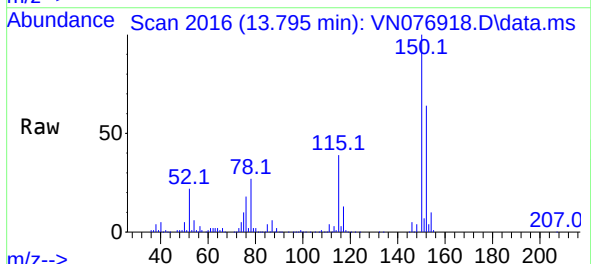
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

Tgt Ion:173 Resp: 34800  
Ion Ratio Lower Upper  
173 100  
175 50.6 24.9 74.6  
254 0.0 0.0 0.0

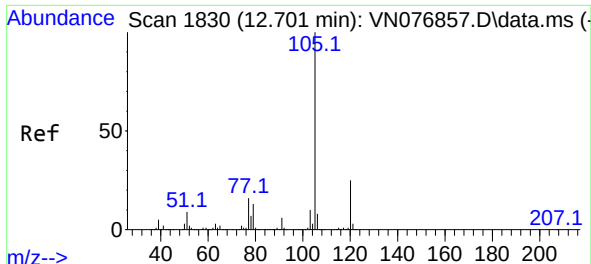


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.795 min Scan# 2016  
Delta R.T. -0.000 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

Tgt Ion:152 Resp: 254992  
Ion Ratio Lower Upper  
152 100  
115 63.2 30.3 90.9  
150 159.4 0.0 353.6



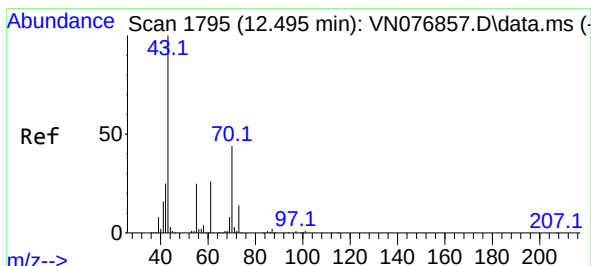
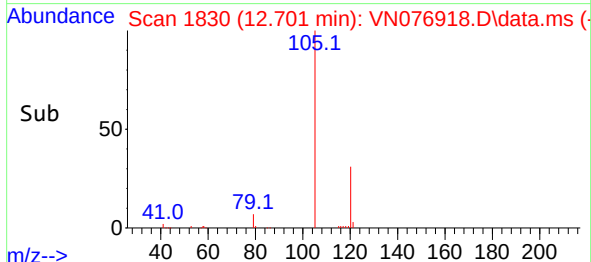
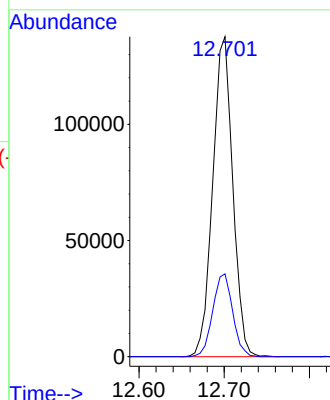
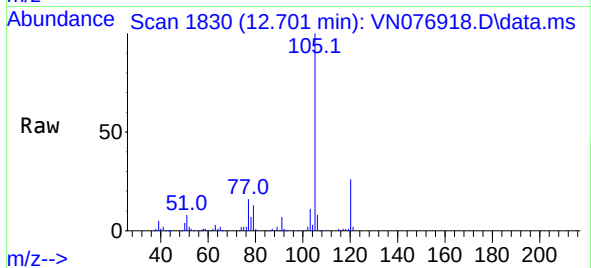




#73  
Isopropylbenzene  
Concen: 9.912 ug/l  
RT: 12.701 min Scan# 1830  
Delta R.T. -0.000 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

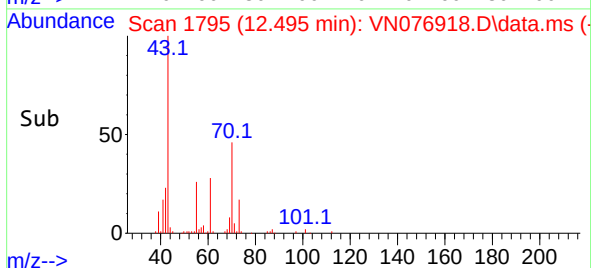
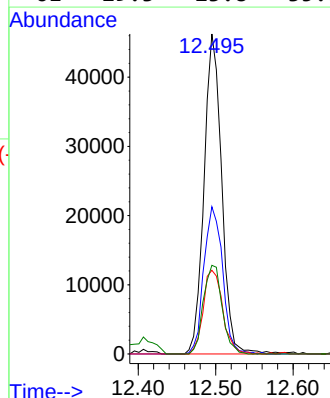
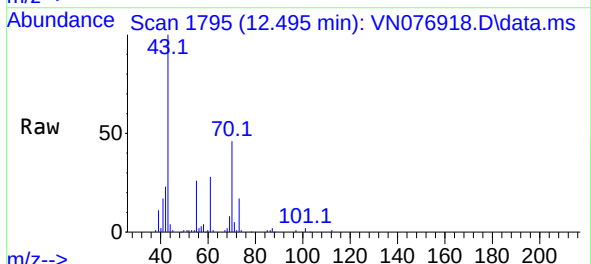
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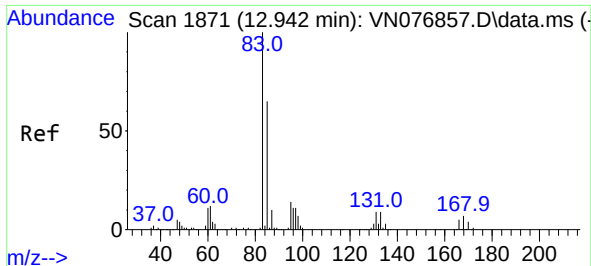
Tgt Ion:105 Resp: 225221  
Ion Ratio Lower Upper  
105 100  
120 25.7 13.8 41.4



#74  
N-ethyl acetate  
Concen: 9.749 ug/l  
RT: 12.495 min Scan# 1795  
Delta R.T. -0.000 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

Tgt Ion: 43 Resp: 73342  
Ion Ratio Lower Upper  
43 100  
70 49.0 46.8 70.2  
55 28.9 23.4 35.2  
61 29.3 23.8 35.8

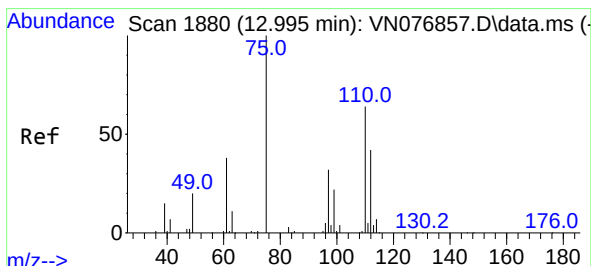
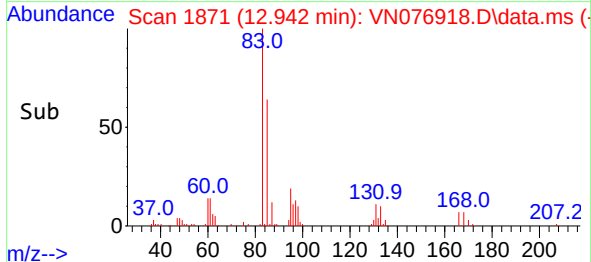
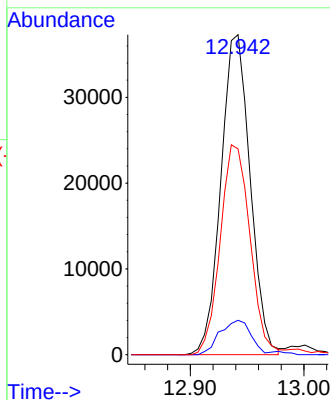
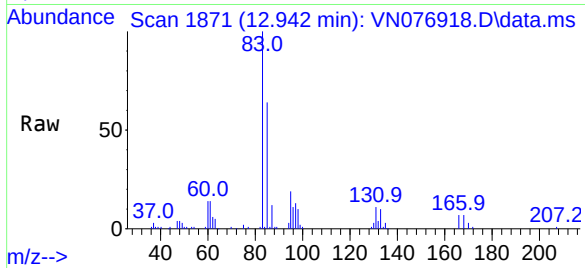




#75  
1,1,2,2-Tetrachloroethane  
Concen: 9.989 ug/l  
RT: 12.942 min Scan# 1871  
Delta R.T. -0.000 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

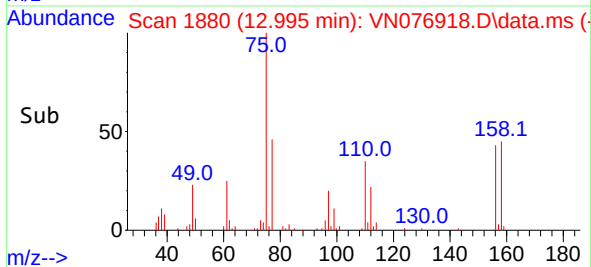
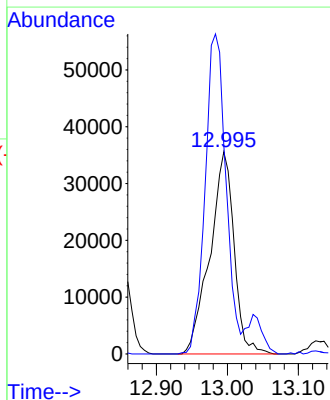
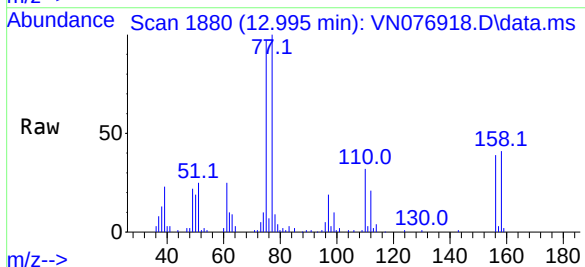
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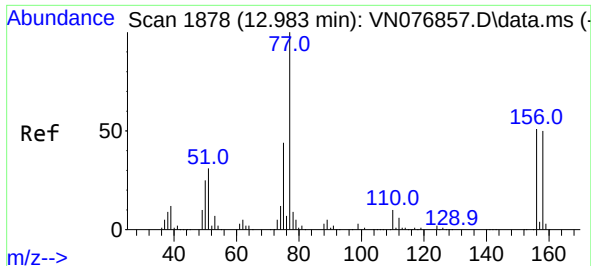
Tgt Ion: 83 Resp: 66785  
Ion Ratio Lower Upper  
83 100  
131 11.5 5.3 16.1  
85 66.9 32.0 96.0



#76  
1,2,3-Trichloropropane  
Concen: 13.595 ug/l  
RT: 12.995 min Scan# 1880  
Delta R.T. -0.000 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

Tgt Ion: 75 Resp: 84046  
Ion Ratio Lower Upper  
75 100  
77 136.5 93.8 281.4

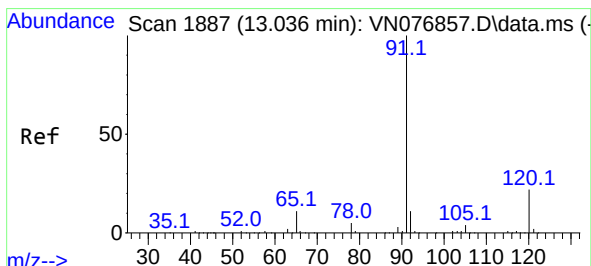
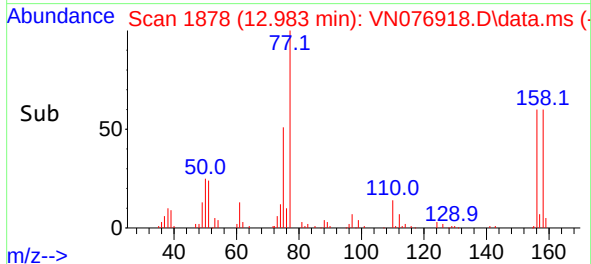
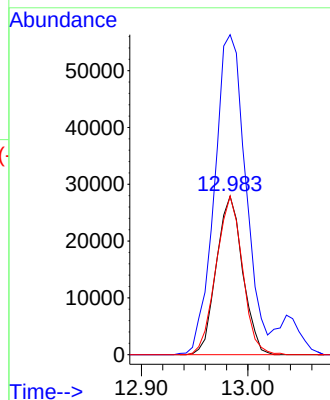
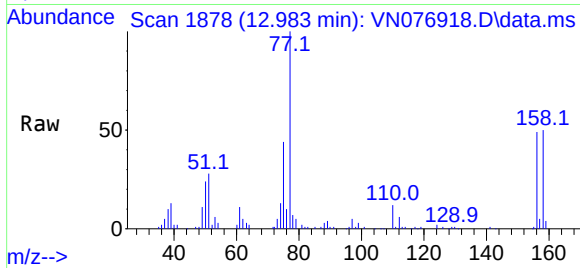




#77  
Bromobenzene  
Concen: 9.390 ug/l  
RT: 12.983 min Scan# 1878  
Delta R.T. -0.000 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

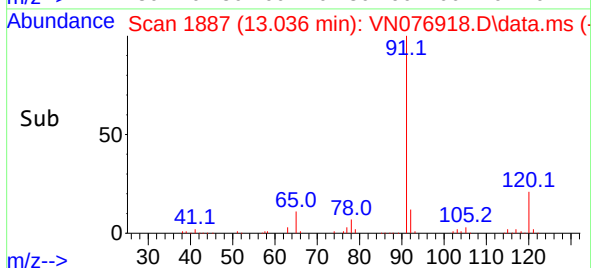
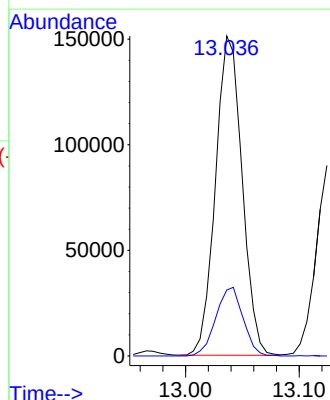
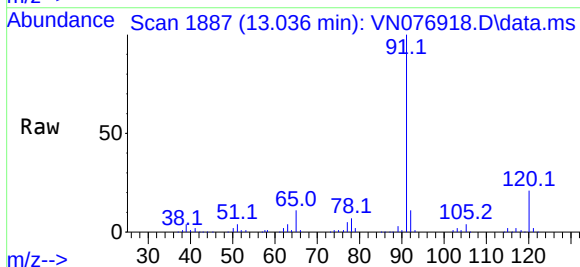
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

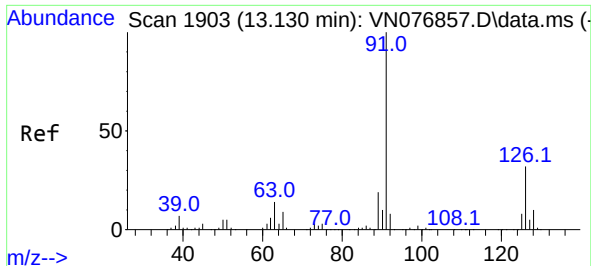
Tgt Ion:156 Resp: 47695  
Ion Ratio Lower Upper  
156 100  
77 240.5 101.3 303.7  
158 100.6 48.9 146.7



#78  
n-propylbenzene  
Concen: 9.726 ug/l  
RT: 13.036 min Scan# 1887  
Delta R.T. -0.000 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

Tgt Ion: 91 Resp: 246087  
Ion Ratio Lower Upper  
91 100  
120 22.0 11.9 35.7

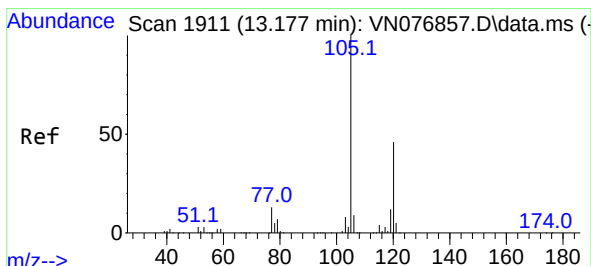
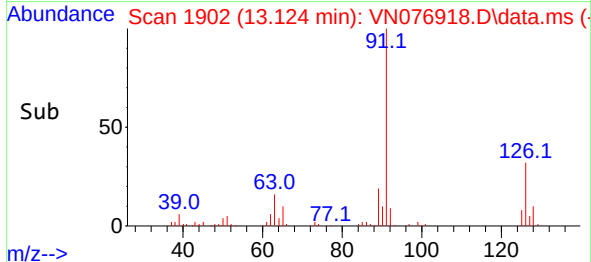
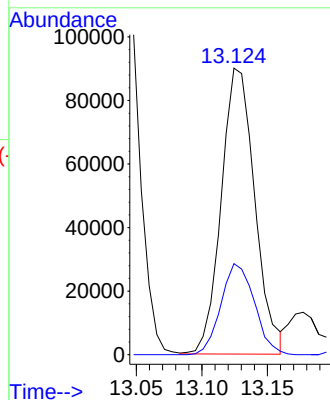
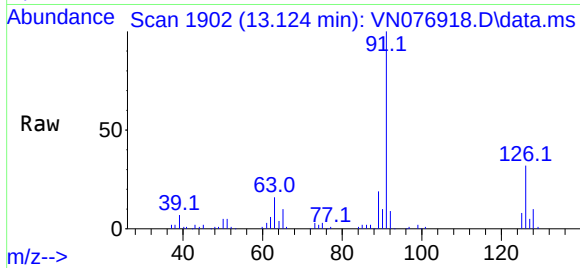




#79  
2-Chlorotoluene  
Concen: 9.757 ug/l  
RT: 13.124 min Scan# 1902  
Delta R.T. -0.006 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

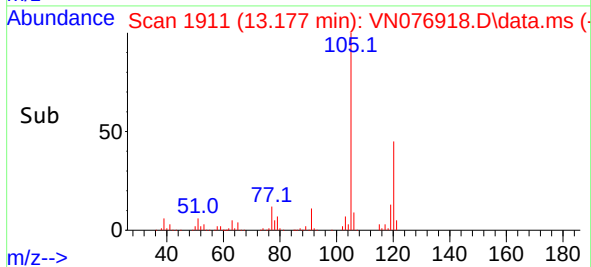
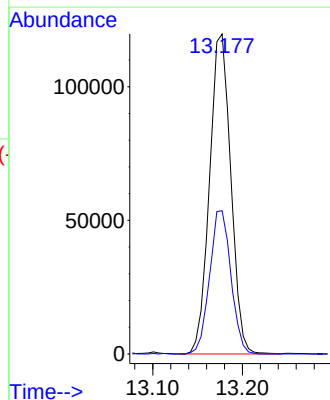
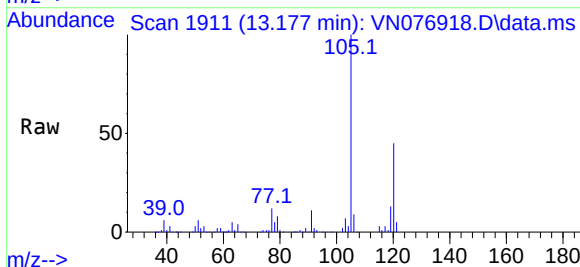
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010

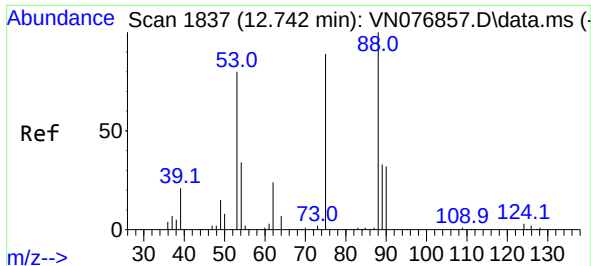
Tgt Ion: 91 Resp: 160087  
Ion Ratio Lower Upper  
91 100  
126 31.7 17.7 53.1



#80  
1,3,5-Trimethylbenzene  
Concen: 10.191 ug/l  
RT: 13.177 min Scan# 1911  
Delta R.T. -0.000 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

Tgt Ion: 105 Resp: 197256  
Ion Ratio Lower Upper  
105 100  
120 44.9 25.2 75.6

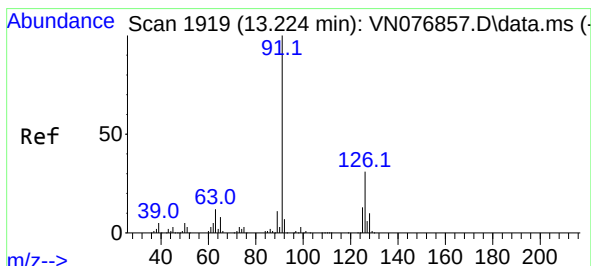
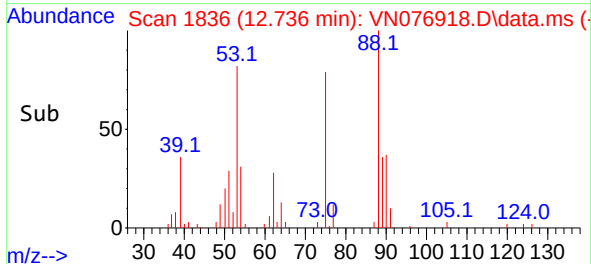
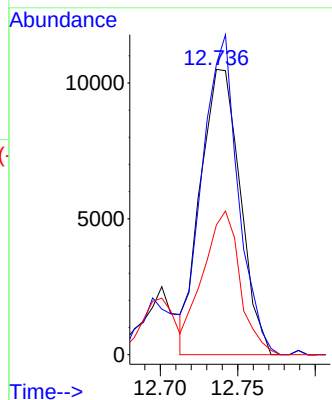
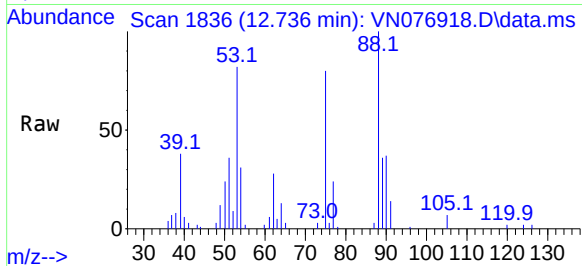




#81  
trans-1,4-Dichloro-2-butene  
Concen: 9.860 ug/l  
RT: 12.736 min Scan# 1836  
Delta R.T. -0.006 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

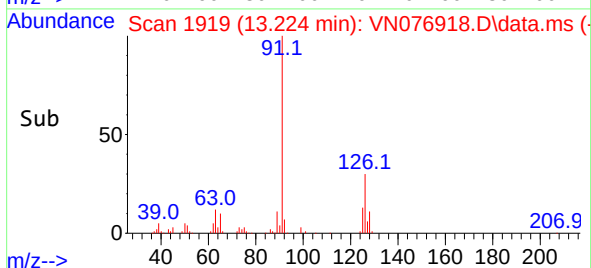
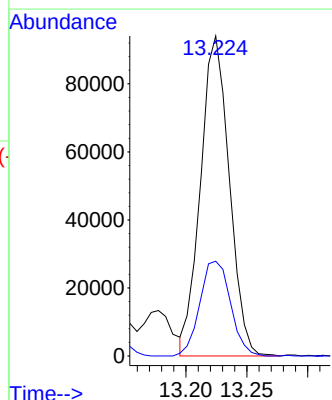
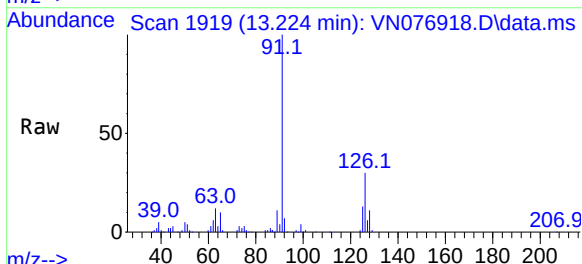
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010

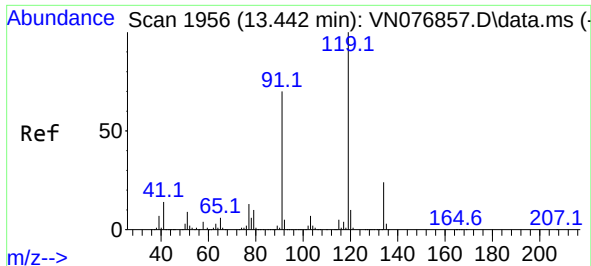
Tgt Ion: 75 Resp: 18661  
Ion Ratio Lower Upper  
75 100  
53 101.0 67.4 101.0  
89 47.3 39.5 59.3



#82  
4-Chlorotoluene  
Concen: 9.972 ug/l  
RT: 13.224 min Scan# 1919  
Delta R.T. -0.000 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

Tgt Ion: 91 Resp: 154614  
Ion Ratio Lower Upper  
91 100  
126 31.5 18.0 54.0

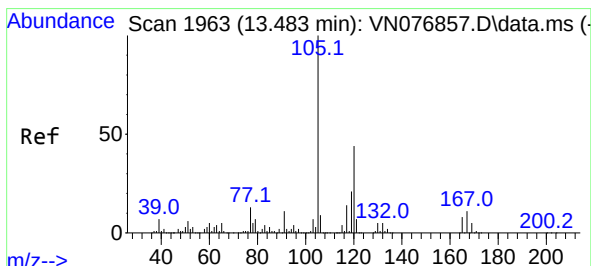
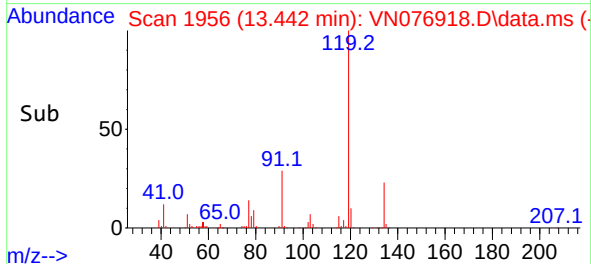
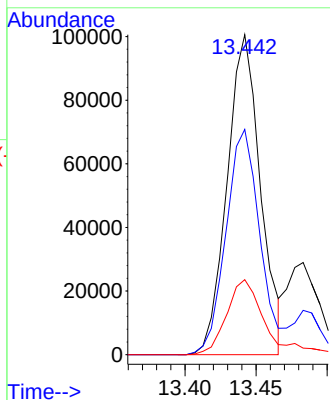
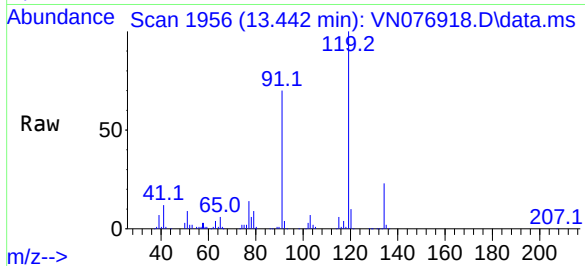




#83  
tert-Butylbenzene  
Concen: 10.005 ug/l  
RT: 13.442 min Scan# 1956  
Delta R.T. -0.000 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

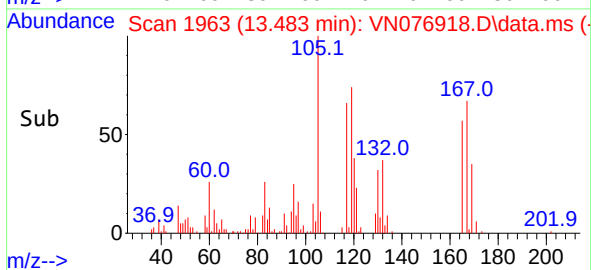
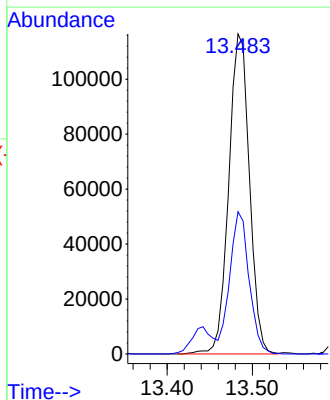
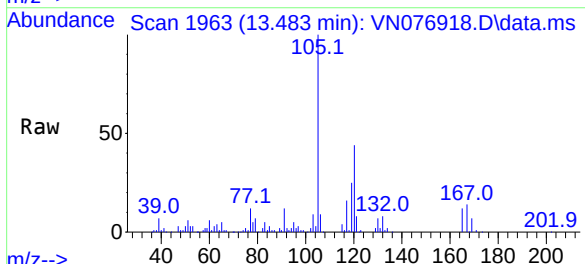
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

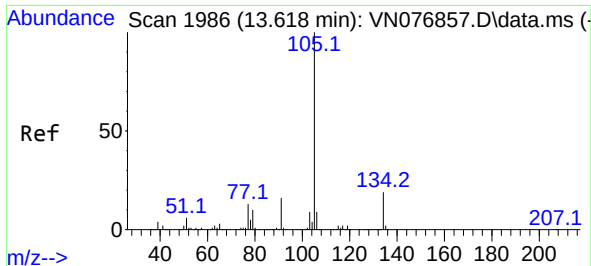
Tgt Ion:119 Resp: 164509  
Ion Ratio Lower Upper  
119 100  
91 72.4 31.9 95.5  
134 26.8 13.8 41.4



#84  
1,2,4-Trimethylbenzene  
Concen: 10.154 ug/l  
RT: 13.483 min Scan# 1963  
Delta R.T. -0.000 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

Tgt Ion:105 Resp: 196625  
Ion Ratio Lower Upper  
105 100  
120 41.4 23.6 70.8

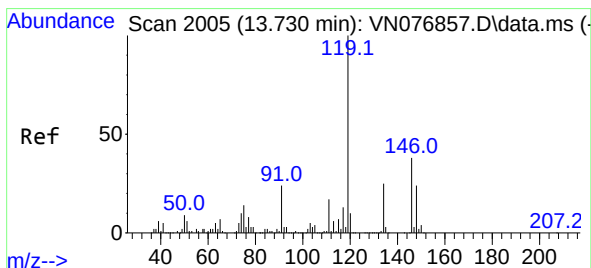
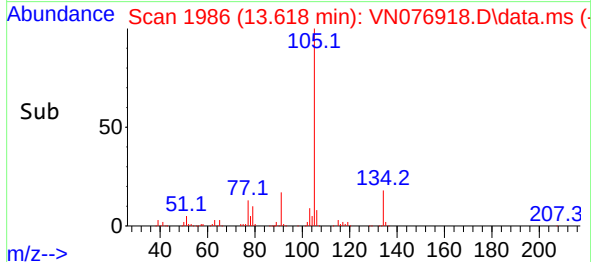
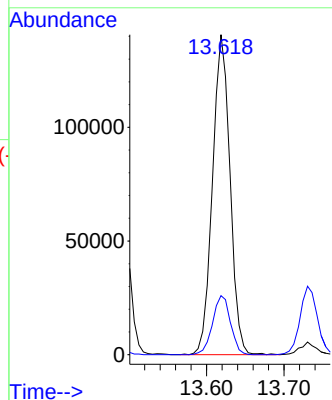
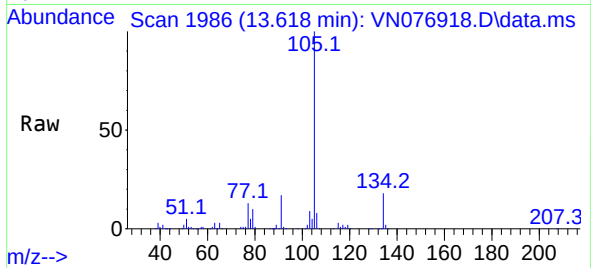




#85  
 sec-Butylbenzene  
 Concen: 9.798 ug/l  
 RT: 13.618 min Scan# 1986  
 Delta R.T. -0.000 min  
 Lab File: VN076918.D  
 Acq: 10 Mar 2023 12:10

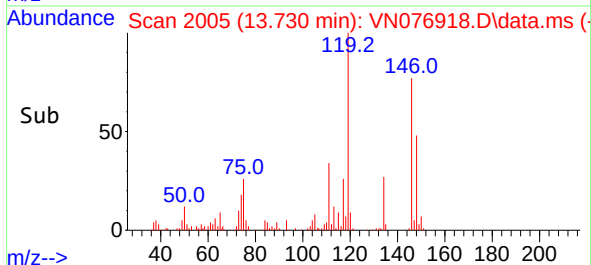
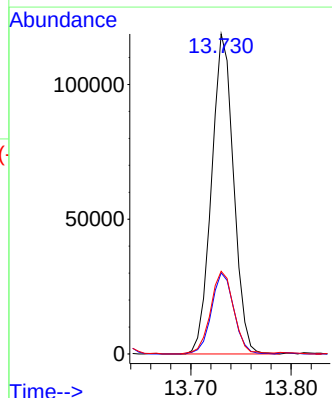
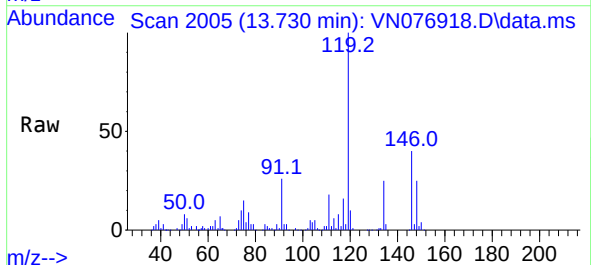
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC010

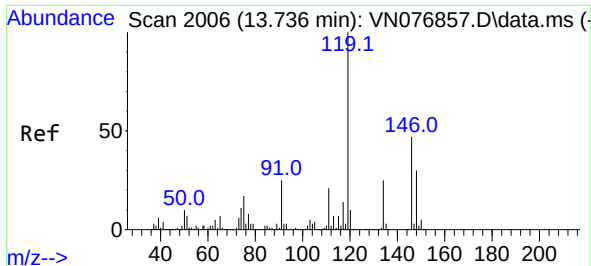
Tgt Ion:105 Resp: 220846  
 Ion Ratio Lower Upper  
 105 100  
 134 18.8 10.4 31.2



#86  
 p-Isopropyltoluene  
 Concen: 9.936 ug/l  
 RT: 13.730 min Scan# 2005  
 Delta R.T. -0.000 min  
 Lab File: VN076918.D  
 Acq: 10 Mar 2023 12:10

Tgt Ion:119 Resp: 180841  
 Ion Ratio Lower Upper  
 119 100  
 134 25.7 13.5 40.5  
 91 27.1 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 9.520 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VN076918.D

Acq: 10 Mar 2023 12:10

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC010

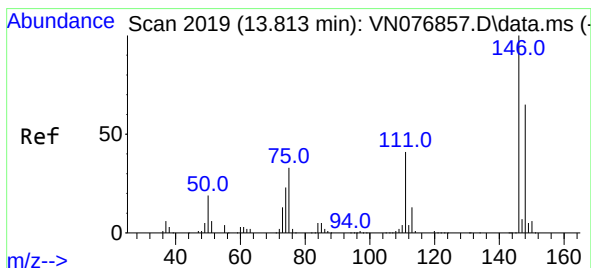
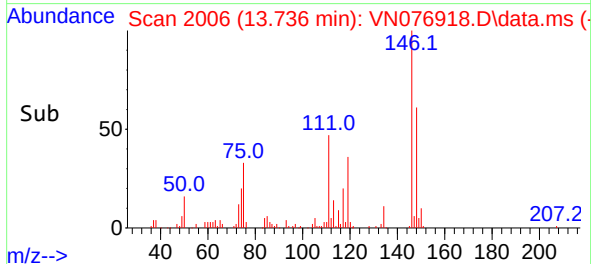
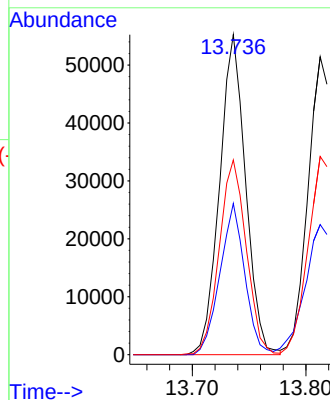
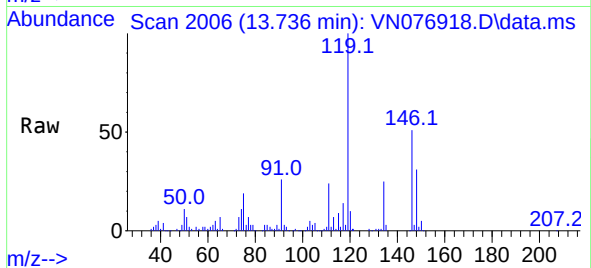
Tgt Ion:146 Resp: 88129

Ion Ratio Lower Upper

146 100

111 45.1 20.4 61.2

148 63.1 31.5 94.5



#88

1,4-Dichlorobenzene

Concen: 9.431 ug/l

RT: 13.813 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VN076918.D

Acq: 10 Mar 2023 12:10

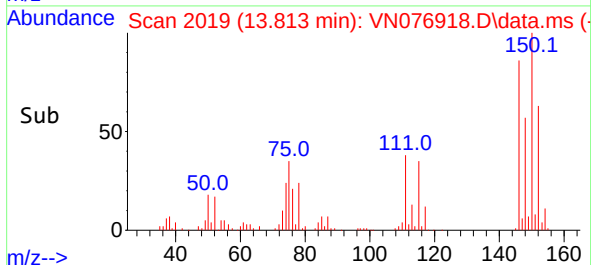
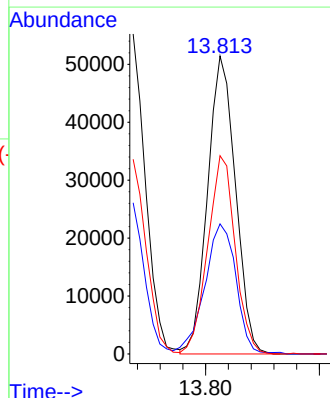
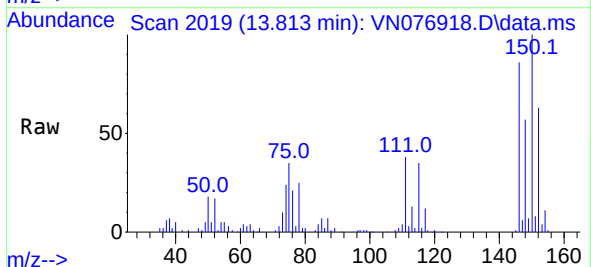
Tgt Ion:146 Resp: 87581

Ion Ratio Lower Upper

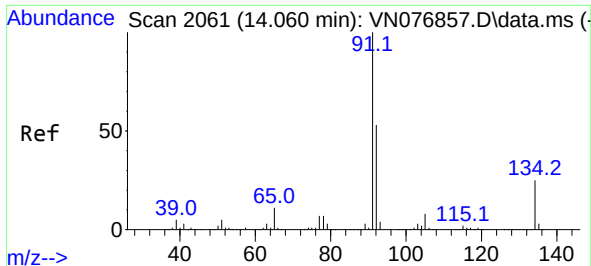
146 100

111 49.1 20.0 60.0

148 65.7 31.8 95.4







#89

n-Butylbenzene

Concen: 9.399 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN076918.D

Acq: 10 Mar 2023 12:10

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC010

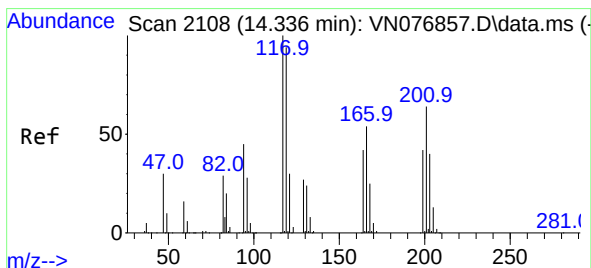
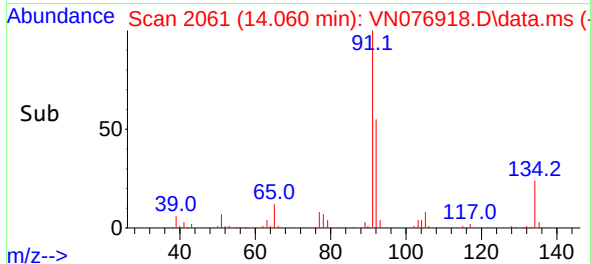
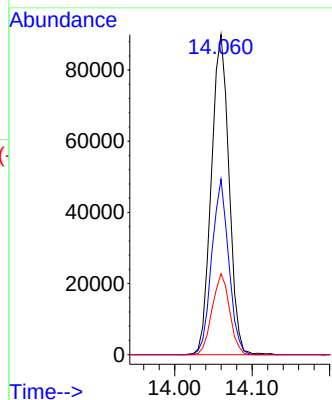
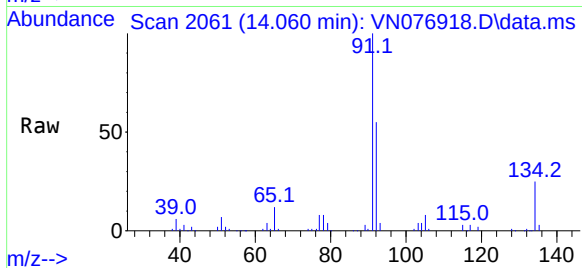
Tgt Ion: 91 Resp: 142761

Ion Ratio Lower Upper

91 100

92 52.5 26.6 79.7

134 24.9 13.6 40.7



#90

Hexachloroethane

Concen: 9.448 ug/l

RT: 14.336 min Scan# 2108

Delta R.T. -0.000 min

Lab File: VN076918.D

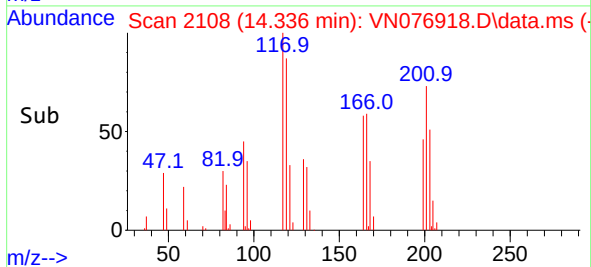
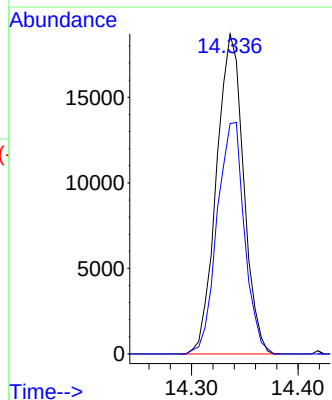
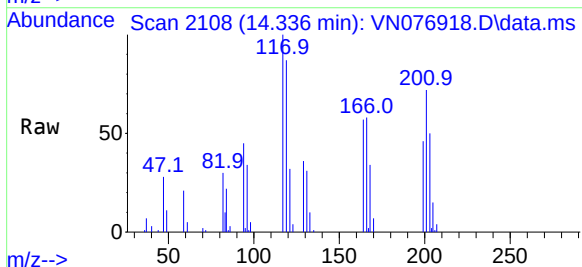
Acq: 10 Mar 2023 12:10

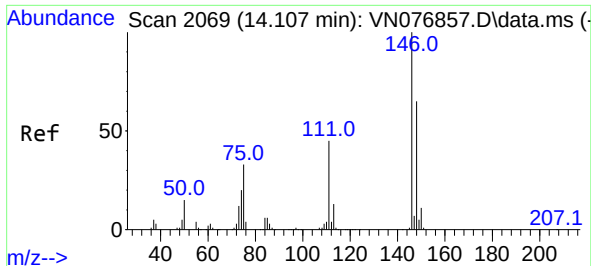
Tgt Ion: 117 Resp: 33043

Ion Ratio Lower Upper

117 100

201 73.1 31.9 95.7

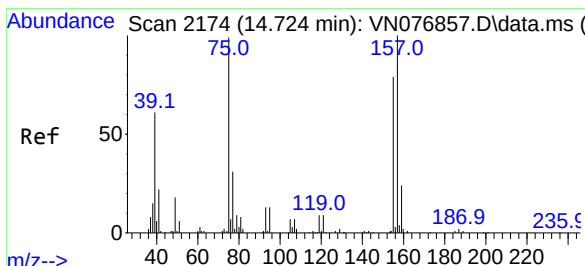
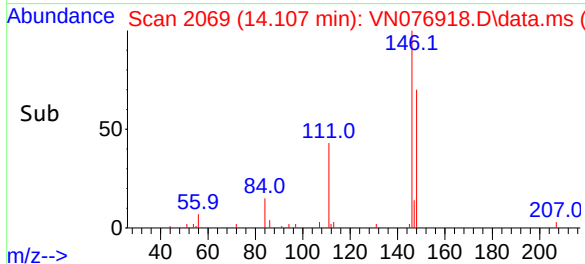
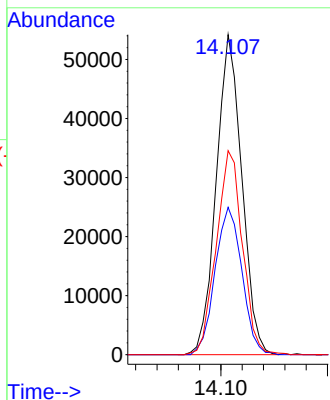
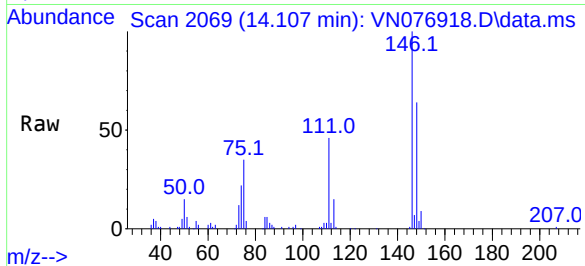




#91  
1,2-Dichlorobenzene  
Concen: 9.700 ug/l  
RT: 14.107 min Scan# 2069  
Delta R.T. -0.000 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

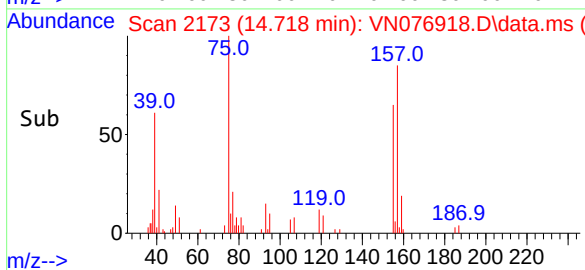
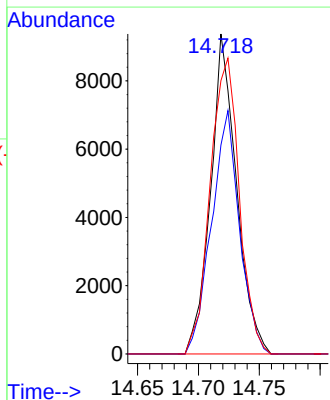
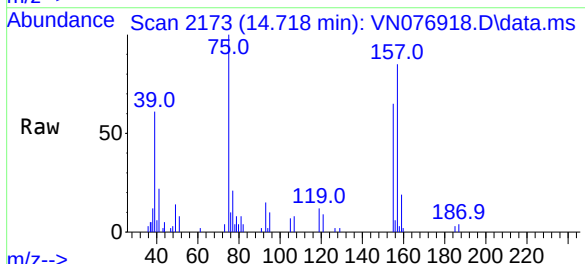
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010

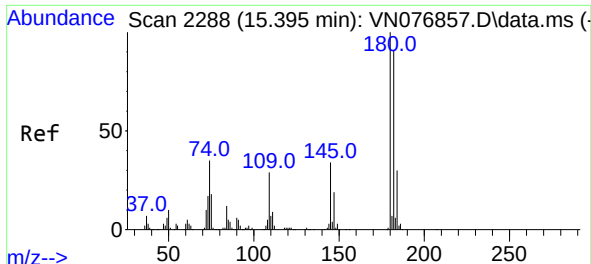
Tgt Ion:146 Resp: 90210  
Ion Ratio Lower Upper  
146 100  
111 48.4 21.4 64.2  
148 65.2 32.0 96.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 9.438 ug/l  
RT: 14.718 min Scan# 2173  
Delta R.T. -0.006 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

Tgt Ion: 75 Resp: 13932  
Ion Ratio Lower Upper  
75 100  
155 81.8 44.3 132.8  
157 103.8 58.3 174.8





#93

1,2,4-Trichlorobenzene

Concen: 8.616 ug/l

RT: 15.395 min Scan# 2288

Delta R.T. -0.000 min

Lab File: VN076918.D

Acq: 10 Mar 2023 12:10

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC010

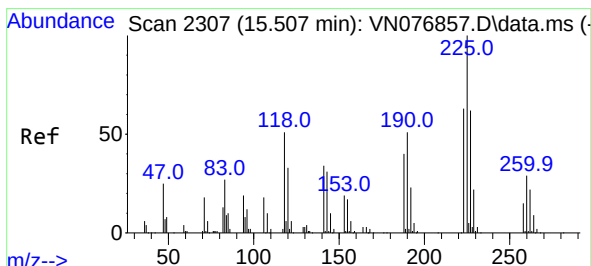
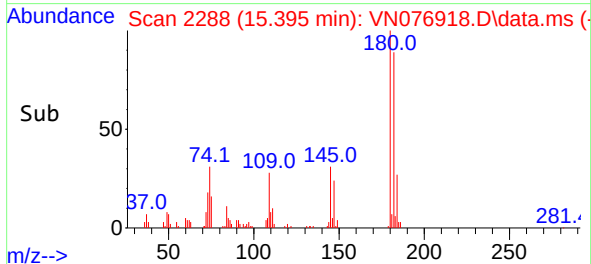
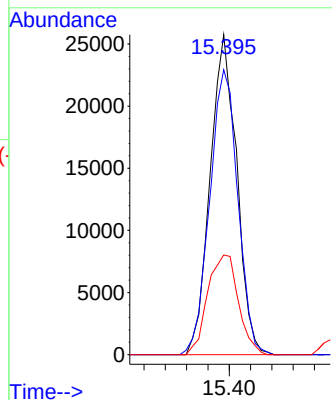
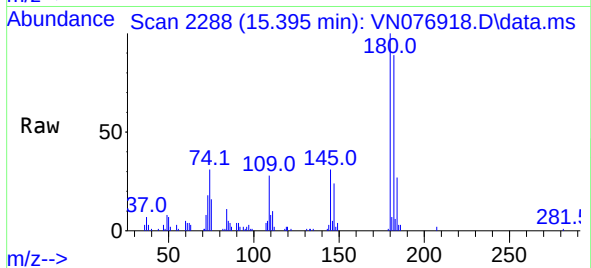
Tgt Ion:180 Resp: 44539

Ion Ratio Lower Upper

180 100

182 94.1 47.4 142.2

145 36.1 15.8 47.3



#94

Hexachlorobutadiene

Concen: 9.681 ug/l

RT: 15.507 min Scan# 2307

Delta R.T. -0.000 min

Lab File: VN076918.D

Acq: 10 Mar 2023 12:10

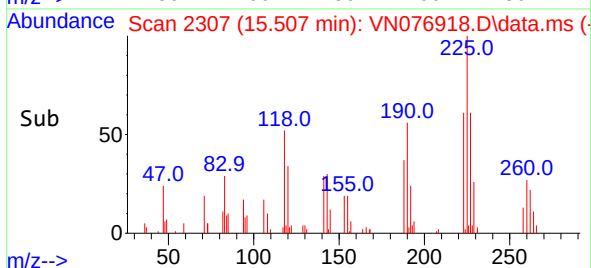
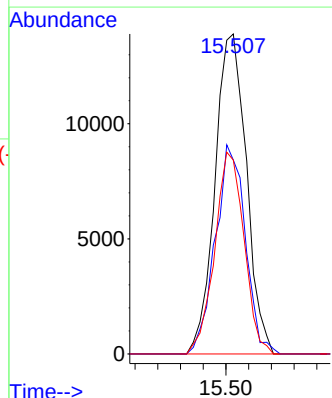
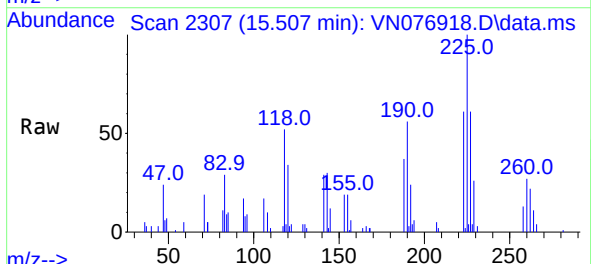
Tgt Ion:225 Resp: 26662

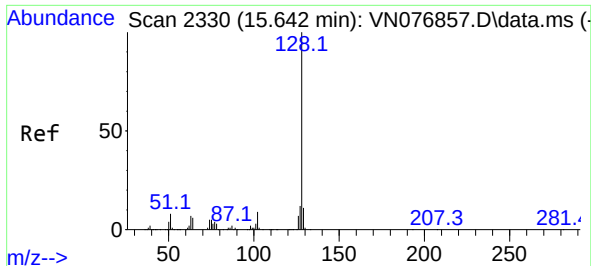
Ion Ratio Lower Upper

225 100

223 62.4 31.4 94.0

227 59.0 30.9 92.7

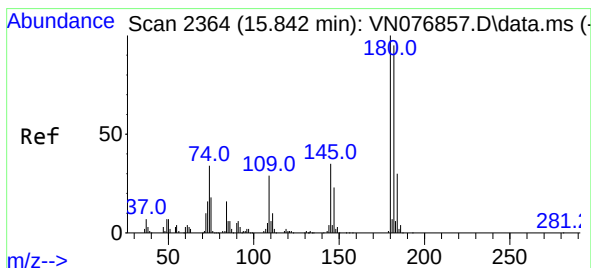
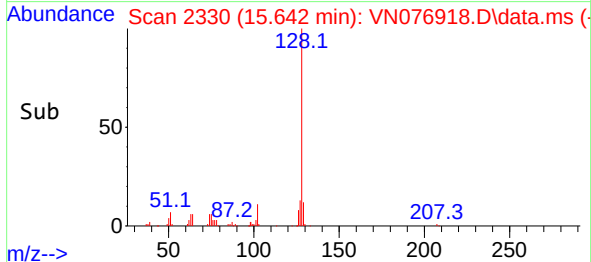
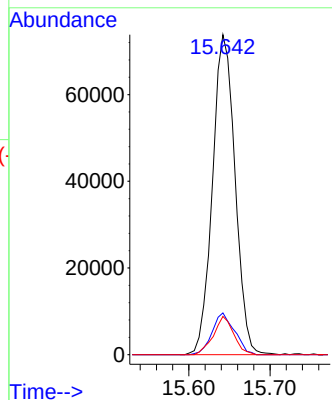
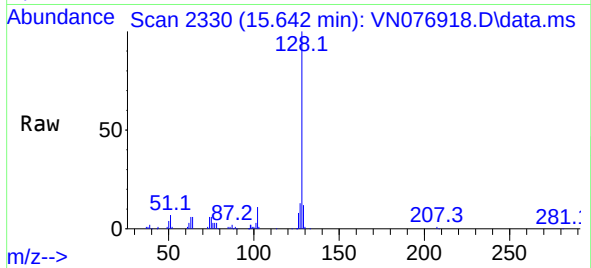




#95  
Naphthalene  
Concen: 9.275 ug/l  
RT: 15.642 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

Tgt Ion:128 Resp: 142755  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.2 15.4  
129 10.8 8.9 13.3



#96  
1,2,3-Trichlorobenzene  
Concen: 9.045 ug/l  
RT: 15.842 min Scan# 2364  
Delta R.T. -0.000 min  
Lab File: VN076918.D  
Acq: 10 Mar 2023 12:10

Tgt Ion:180 Resp: 45406  
Ion Ratio Lower Upper  
180 100  
182 94.2 47.7 143.1  
145 39.0 17.0 51.0

