

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN030823\  
 Data File : VN076885.D  
 Acq On : 08 Mar 2023 18:47  
 Operator : JC\MD  
 Sample : VSTDICCC020  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC020

Quant Time: Mar 09 03:47:45 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N030823W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Thu Mar 09 03:46:27 2023  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|------------------------------|--------|-------|----------|----------|------------|----------|
| -----                        |        |       |          |          |            |          |
| Internal Standards           |        |       |          |          |            |          |
| 1) Bromochloromethane        | 7.825  | 128   | 52207    | 30.000   | ug/l       | 0.00     |
| 28) 1,4-Difluorobenzene      | 9.107  | 114   | 381366   | 30.000   | ug/l       | 0.00     |
| 57) Chlorobenzene-d5         | 11.871 | 117   | 407422   | 30.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 27) 1,2-Dichloroethane-d4    | 8.583  | 65    | 146755   | 30.492   | ug/l       | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 110 | Recovery | = 101.633% |          |
| 60) 4-Bromofluorobenzene     | 12.848 | 95    | 233652   | 32.119   | ug/l       | 0.00     |
| Spiked Amount                | 30.000 | Range | 63 - 112 | Recovery | = 107.067% |          |
| 63) Toluene-d8               | 10.571 | 98    | 443277   | 31.049   | ug/l       | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 112 | Recovery | = 103.500% |          |
| Target Compounds             |        |       |          |          |            | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.143  | 85    | 122055   | 21.025   | ug/l       | 98       |
| 3) Chloromethane             | 2.378  | 50    | 108638   | 16.260   | ug/l       | 96       |
| 4) Vinyl Chloride            | 2.531  | 62    | 100281   | 14.442   | ug/l       | 95       |
| 5) Bromomethane              | 2.984  | 94    | 61746    | 12.821   | ug/l       | 94       |
| 6) Chloroethane              | 3.137  | 64    | 57760    | 12.987   | ug/l       | 98       |
| 7) Trichlorofluoromethane    | 3.519  | 101   | 185466   | 19.790   | ug/l       | 100      |
| 8) Diethyl Ether             | 3.978  | 74    | 69039    | 18.754   | ug/l       | 90       |
| 9) 1,1,2-Trichlorotrifluo... | 4.390  | 101   | 106020   | 18.816   | ug/l       | 95       |
| 10) 1,1-Dichloroethene       | 4.360  | 96    | 102638   | 19.323   | ug/l       | 95       |
| 11) Methyl Iodide            | 4.613  | 142   | 123257   | 19.238   | ug/l       | 96       |
| 12) Methyl Acetate           | 5.042  | 43    | 168981   | 16.256   | ug/l       | 96       |
| 13) Acrolein                 | 4.195  | 56    | 122917   | 94.570   | ug/l       | 99       |
| 14) Acrylonitrile            | 5.731  | 53    | 274566   | 85.210   | ug/l       | 98       |
| 15) Acetone                  | 4.442  | 58    | 75903    | 75.288   | ug/l       | 82       |
| 16) Carbon Disulfide         | 4.731  | 76    | 281952   | 18.987   | ug/l       | 99       |
| 17) Allyl chloride           | 5.048  | 41    | 149831   | 16.348   | ug/l       | 94       |
| 18) Methylene Chloride       | 5.289  | 84    | 117593   | 17.835   | ug/l #     | 85       |
| 19) trans-1,2-Dichloroethene | 5.801  | 96    | 106513   | 18.152   | ug/l       | 98       |
| 20) Diisopropyl ether        | 6.683  | 45    | 353591   | 16.441   | ug/l       | 93       |
| 21) 1,1-Dichloroethane       | 6.578  | 63    | 203847   | 17.753   | ug/l       | 99       |
| 22) cis-1,2-Dichloroethene   | 7.495  | 96    | 125743   | 18.822   | ug/l       | 96       |
| 23) tert-Butyl Alcohol       | 5.525  | 59    | 80139    | 86.564   | ug/l #     | 100      |
| 24) Methyl tert-Butyl Ether  | 5.813  | 73    | 336162   | 18.521   | ug/l       | 92       |
| 25) Chloroform               | 7.978  | 83    | 207772   | 18.449   | ug/l       | 100      |
| 26) Cyclohexane              | 8.266  | 56    | 191675   | 18.541   | ug/l #     | 94       |
| 29) 1,1-Dichloropropene      | 8.383  | 75    | 153568   | 17.631   | ug/l       | 97       |
| 30) 2-Butanone               | 7.489  | 43    | 351846   | 72.664   | ug/l       | 95       |
| 31) 2,2-Dichloropropane      | 7.507  | 77    | 154428   | 17.025   | ug/l #     | 63       |
| 32) 1,1,1-Trichloroethane    | 8.172  | 97    | 181533   | 17.870   | ug/l       | 97       |
| 33) Carbon Tetrachloride     | 8.372  | 117   | 158139   | 17.912   | ug/l       | 96       |
| 34) Benzene                  | 8.613  | 78    | 471829   | 17.031   | ug/l       | 97       |
| 35) Methacrylonitrile        | 7.789  | 41    | 77523    | 14.426   | ug/l       | 93       |
| 36) 1,2-Dichloroethane       | 8.677  | 62    | 158132   | 17.044   | ug/l       | 98       |
| 37) Trichloroethene          | 9.360  | 130   | 117261   | 18.015   | ug/l       | 100      |
| 38) Methylcyclohexane        | 9.607  | 83    | 194065   | 17.571   | ug/l       | 98       |
| 39) 1,2-Dichloropropane      | 9.630  | 63    | 124654   | 17.369   | ug/l       | 98       |
| 40) Dibromomethane           | 9.713  | 93    | 78488    | 17.163   | ug/l       | 95       |
| 41) Bromodichloromethane     | 9.889  | 83    | 160359   | 17.423   | ug/l       | 98       |
| 42) Vinyl Acetate            | 6.619  | 43    | 1098072  | 76.709   | ug/l       | 96       |

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 Acq On : 08 Mar 2023 18:47  
 Operator : JC\MD  
 Sample : VSTDICCC020  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 15 Sample Multiplier: 1

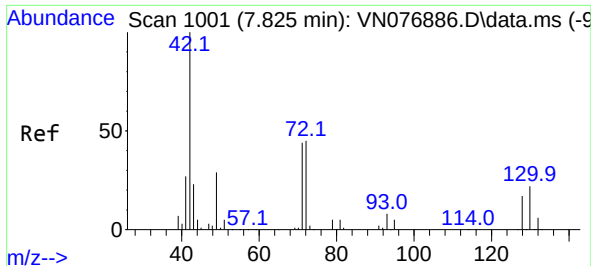
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 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC020

Quant Time: Mar 09 03:47:45 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N030823W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Thu Mar 09 03:46:27 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 43) Ethyl Acetate             | 7.566  | 43   | 143426   | 15.366  | ug/l # | 80       |
| 44) Isopropyl Acetate         | 8.695  | 43   | 233244   | 15.096  | ug/l   | 93       |
| 45) 1,4-Dioxane               | 9.695  | 88   | 39518    | 304.460 | ug/l   | 91       |
| 46) Methyl methacrylate       | 9.683  | 41   | 114458   | 16.069  | ug/l   | 90       |
| 48) t-1,3-Dichloropropene     | 10.836 | 75   | 156046   | 16.799  | ug/l   | 100      |
| 49) cis-1,3-Dichloropropene   | 10.319 | 75   | 180299   | 16.920  | ug/l   | 90       |
| 50) 1,1,2-Trichloroethane     | 11.018 | 97   | 111617   | 16.779  | ug/l   | 96       |
| 51) Ethyl methacrylate        | 10.877 | 69   | 168376   | 17.412  | ug/l   | 87       |
| 52) 1,3-Dichloropropane       | 11.166 | 76   | 196524   | 17.180  | ug/l   | 98       |
| 53) Dibromochloromethane      | 11.360 | 129  | 115179   | 16.994  | ug/l   | 98       |
| 54) 1,2-Dibromoethane         | 11.471 | 107  | 108921   | 16.922  | ug/l   | 98       |
| 55) 2-Chloroethyl vinyl ether | 10.166 | 63   | 297999   | 72.197  | ug/l   | 98       |
| 56) Bromoform                 | 12.583 | 173  | 77041    | 16.646  | ug/l   | 98       |
| 58) 4-Methyl-2-Pentanone      | 10.448 | 43   | 740195   | 78.835  | ug/l # | 90       |
| 59) 2-Hexanone                | 11.201 | 43   | 527401   | 76.230  | ug/l   | 90       |
| 61) Tetrachloroethene         | 11.107 | 164  | 114268   | 21.168  | ug/l   | 92       |
| 62) Toluene                   | 10.630 | 91   | 500143   | 17.625  | ug/l   | 99       |
| 64) Chlorobenzene             | 11.895 | 112  | 294050   | 17.575  | ug/l   | 98       |
| 65) 1,1,1,2-Tetrachloroethane | 11.960 | 131  | 108863   | 17.629  | ug/l   | 97       |
| 66) Ethyl Benzene             | 11.965 | 91   | 544990   | 18.007  | ug/l   | 100      |
| 67) m/p-Xylenes               | 12.077 | 106  | 421499   | 36.030  | ug/l   | 93       |
| 68) o-Xylene                  | 12.401 | 106  | 203153   | 17.648  | ug/l   | 97       |
| 69) Styrene                   | 12.413 | 104  | 333462   | 18.024  | ug/l   | 98       |
| 70) Isopropylbenzene          | 12.701 | 105  | 531875   | 18.053  | ug/l   | 98       |
| 71) 1,1,2,2-Tetrachloroethane | 12.942 | 83   | 157009   | 16.593  | ug/l   | 97       |
| 72) 1,2,3-Trichloropropane    | 12.995 | 75   | 192794   | 22.672  | ug/l   | 79       |
| 73) Bromobenzene              | 12.983 | 156  | 116610   | 17.240  | ug/l   | 91       |
| 74) n-propylbenzene           | 13.036 | 91   | 625826   | 17.786  | ug/l   | 100      |
| 75) 2-Chlorotoluene           | 13.130 | 91   | 384021   | 18.216  | ug/l   | 96       |
| 76) 1,3,5-Trimethylbenzene    | 13.177 | 105  | 460363   | 18.588  | ug/l   | 94       |
| 77) t-1,4-Dichloro-2-butene   | 12.742 | 75   | 44409    | 16.563  | ug/l   | 92       |
| 78) 4-Chlorotoluene           | 13.224 | 91   | 368035   | 18.227  | ug/l   | 94       |
| 79) tert-butylbenzene         | 13.442 | 119  | 378978   | 17.549  | ug/l   | 93       |
| 80) 1,2,4-Trimethylbenzene    | 13.483 | 105  | 456895   | 18.688  | ug/l   | 96       |
| 81) sec-Butylbenzene          | 13.618 | 105  | 552967   | 17.776  | ug/l   | 100      |
| 82) p-Isopropyltoluene        | 13.730 | 119  | 451112   | 17.911  | ug/l   | 98       |
| 83) 1,3-Dichlorobenzene       | 13.736 | 146  | 218958   | 17.041  | ug/l   | 98       |
| 84) 1,4-Dichlorobenzene       | 13.812 | 146  | 211705   | 16.807  | ug/l   | 95       |
| 85) n-Butylbenzene            | 14.059 | 91   | 370181   | 17.269  | ug/l   | 98       |
| 86) Hexachloroethane          | 14.336 | 117  | 76958    | 16.009  | ug/l   | 94       |
| 87) 1,2-Dichlorobenzene       | 14.107 | 146  | 219924   | 17.111  | ug/l   | 97       |
| 88) 1,2-Dibromo-3-Chloropr... | 14.718 | 75   | 29568    | 16.512  | ug/l   | 96       |
| 89) 1,2,4-Trichlorobenzene    | 15.395 | 180  | 113685   | 17.124  | ug/l   | 98       |
| 90) Hexachlorobutadiene       | 15.506 | 225  | 60749    | 18.738  | ug/l   | 96       |
| 91) Naphthalene               | 15.642 | 128  | 368049   | 17.290  | ug/l   | 98       |
| 92) 1,2,3-Trichlorobenzene    | 15.842 | 180  | 117367   | 17.385  | ug/l   | 97       |

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

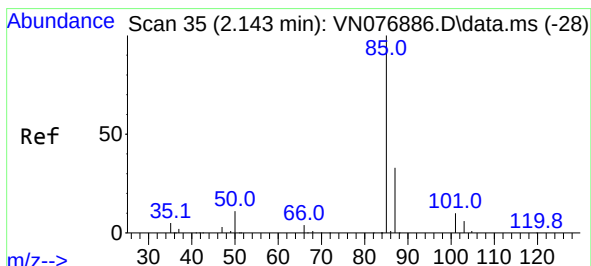
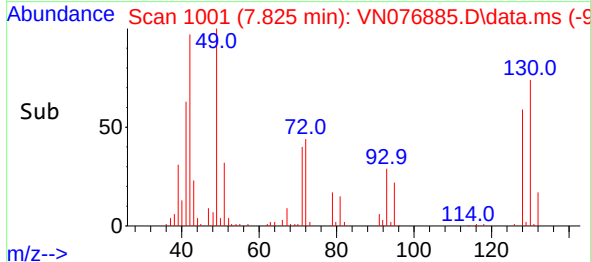
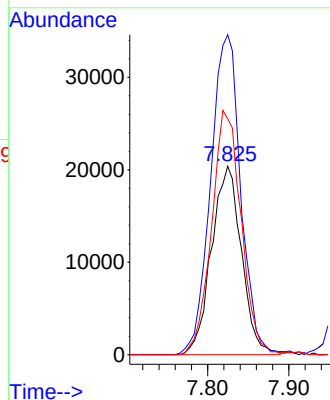
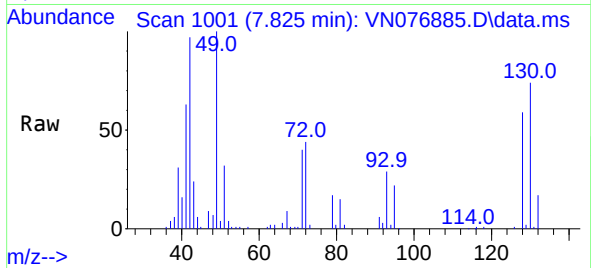




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 7.825 min Scan# 10  
Delta R.T. -0.000 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

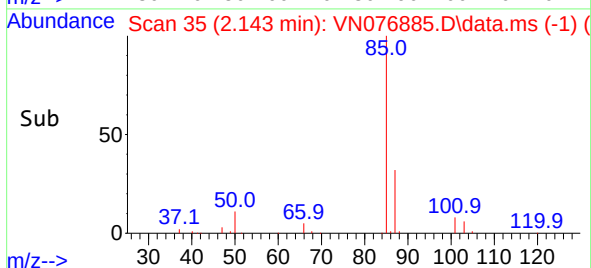
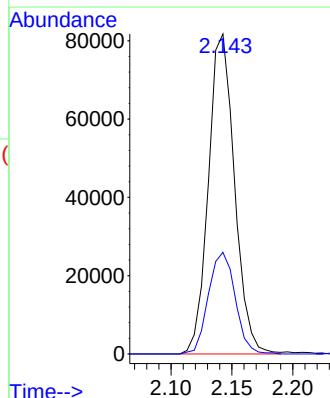
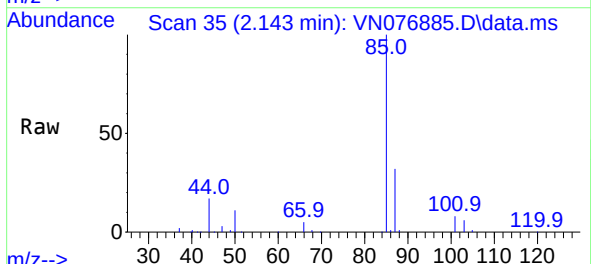
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

Tgt Ion:128 Resp: 52207  
Ion Ratio Lower Upper  
128 100  
49 170.8 0.0 461.8  
130 127.4 0.0 295.3

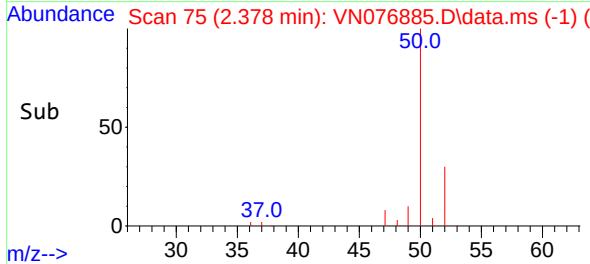
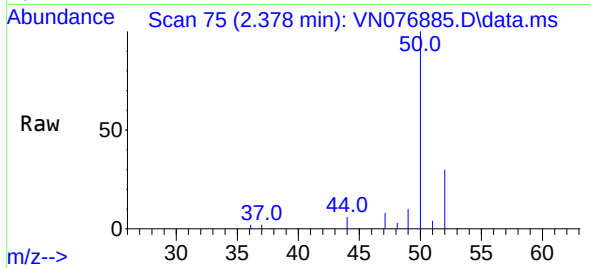
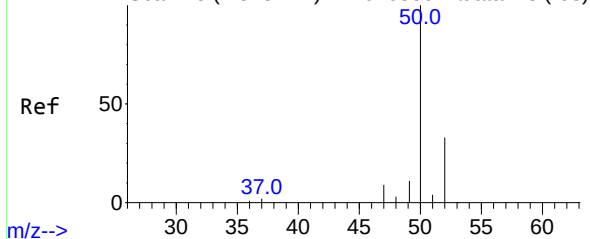


#2  
Dichlorodifluoromethane  
Concen: 21.025 ug/l  
RT: 2.143 min Scan# 35  
Delta R.T. -0.000 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

Tgt Ion: 85 Resp: 122055  
Ion Ratio Lower Upper  
85 100  
87 31.7 15.4 46.1



Abundance Scan 75 (2.378 min): VN076886.D\data.ms (-68)



#3

Chloromethane

Concen: 16.260 ug/l

RT: 2.378 min Scan# 75

Delta R.T. -0.000 min

Lab File: VN076885.D

Acq: 08 Mar 2023 18:47

Instrument :

MSVOA\_N

ClientSampleId :

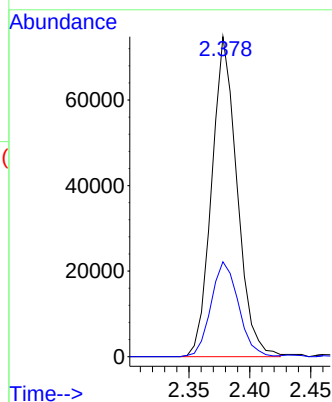
VSTDICCC020

Tgt Ion: 50 Resp: 108638

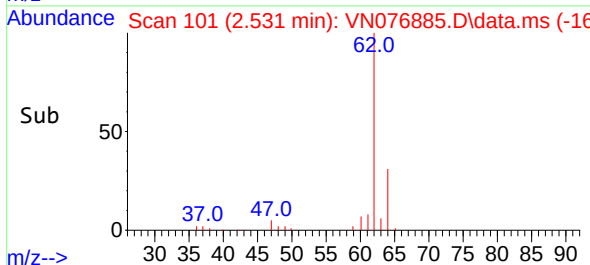
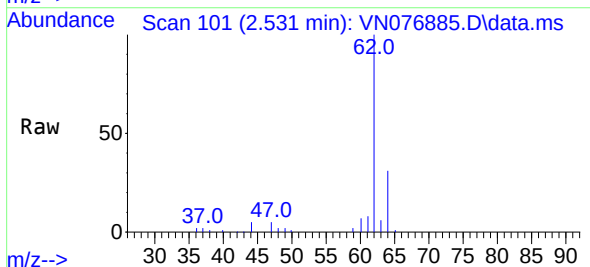
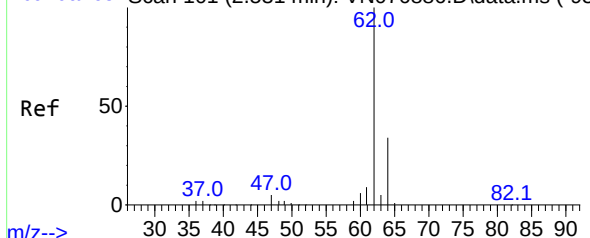
Ion Ratio Lower Upper

50 100

52 29.6 25.3 37.9



Abundance Scan 101 (2.531 min): VN076886.D\data.ms (-93)



#4

Vinyl Chloride

Concen: 14.442 ug/l

RT: 2.531 min Scan# 101

Delta R.T. -0.000 min

Lab File: VN076885.D

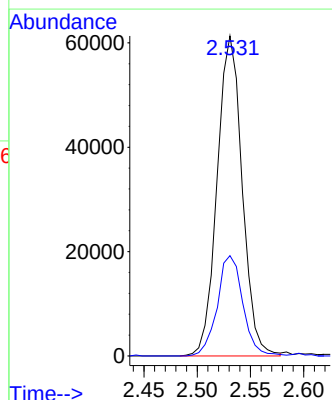
Acq: 08 Mar 2023 18:47

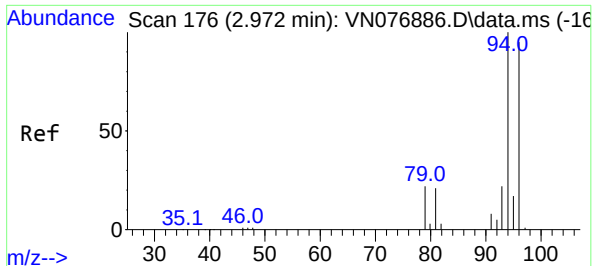
Tgt Ion: 62 Resp: 100281

Ion Ratio Lower Upper

62 100

64 31.3 23.1 34.7

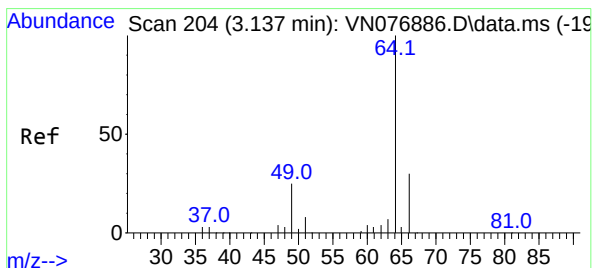
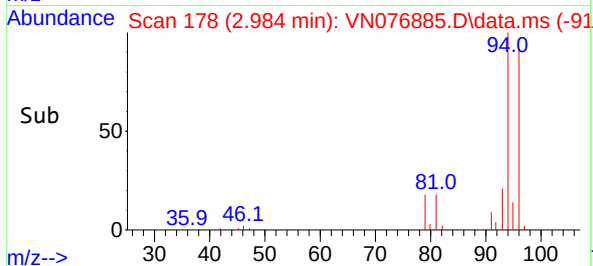
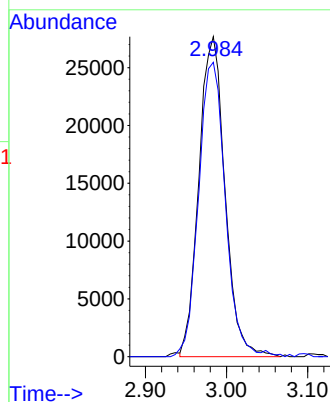
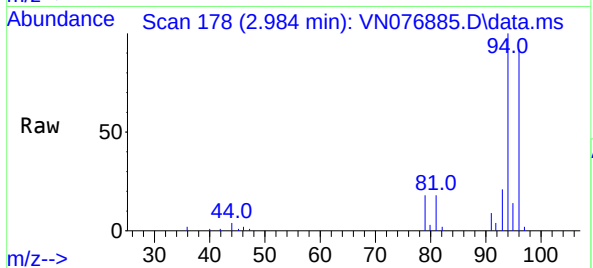




#5  
Bromomethane  
Concen: 12.821 ug/l  
RT: 2.984 min Scan# 176  
Delta R.T. 0.012 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

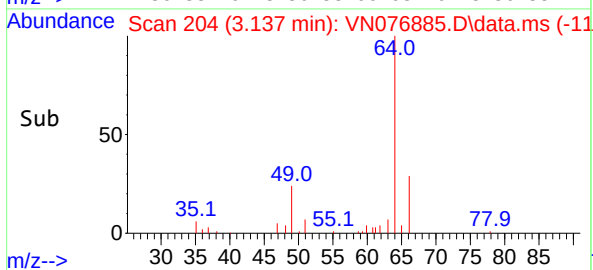
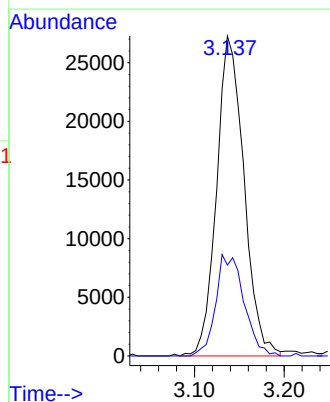
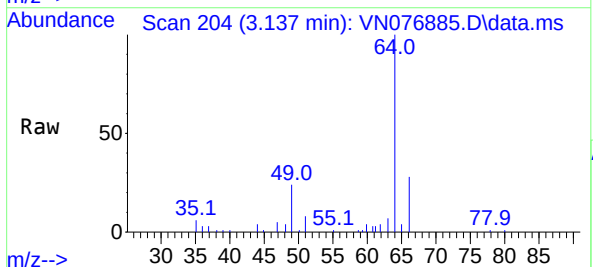
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

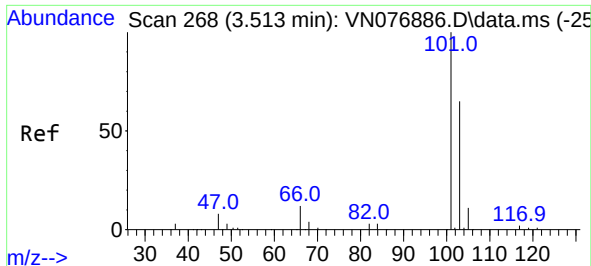
Tgt Ion: 94 Resp: 61746  
Ion Ratio Lower Upper  
94 100  
96 91.2 68.6 103.0



#6  
Chloroethane  
Concen: 12.987 ug/l  
RT: 3.137 min Scan# 204  
Delta R.T. -0.000 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

Tgt Ion: 64 Resp: 57760  
Ion Ratio Lower Upper  
64 100  
66 28.4 23.8 35.6

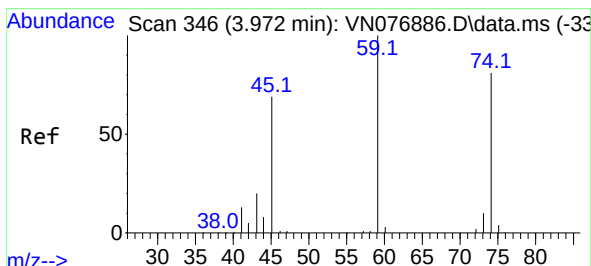
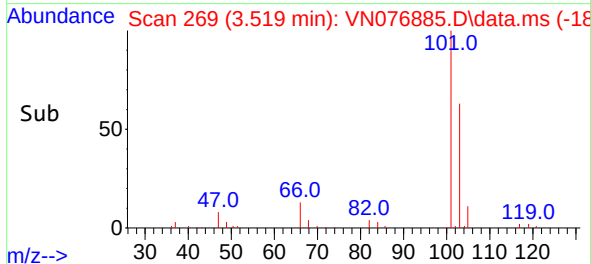
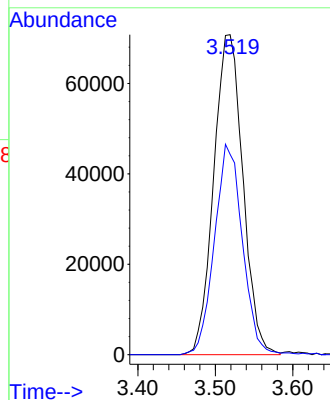
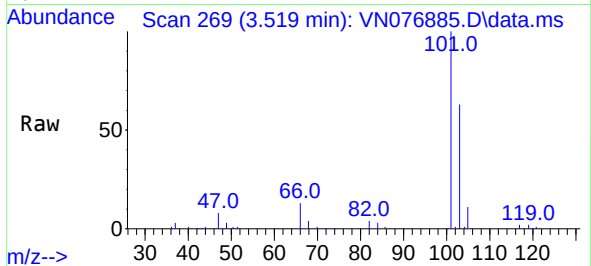




#7  
 Trichlorofluoromethane  
 Concen: 19.790 ug/l  
 RT: 3.519 min Scan# 20  
 Delta R.T. 0.006 min  
 Lab File: VN076885.D  
 Acq: 08 Mar 2023 18:47

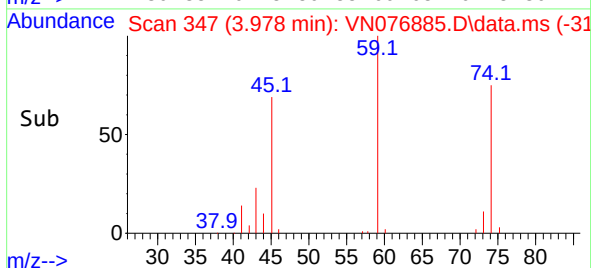
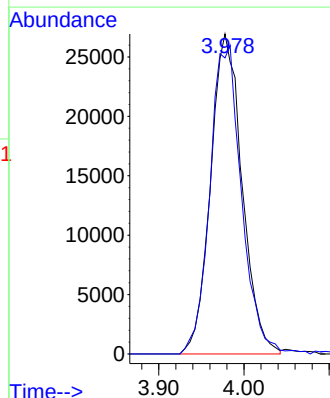
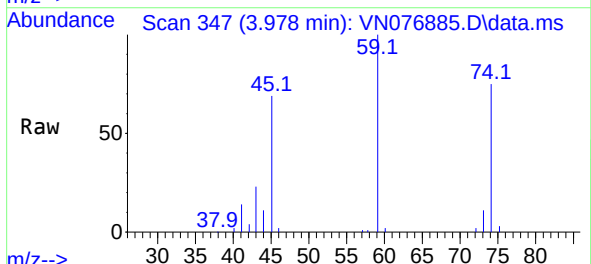
Instrument :  
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 ClientSampleId :  
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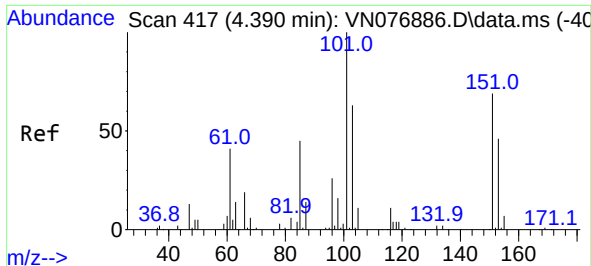
Tgt Ion:101 Resp: 185466  
 Ion Ratio Lower Upper  
 101 100  
 103 62.6 50.2 75.2



#8  
 Diethyl Ether  
 Concen: 18.754 ug/l  
 RT: 3.978 min Scan# 347  
 Delta R.T. 0.006 min  
 Lab File: VN076885.D  
 Acq: 08 Mar 2023 18:47

Tgt Ion: 74 Resp: 69039  
 Ion Ratio Lower Upper  
 74 100  
 45 96.7 21.4 193.0

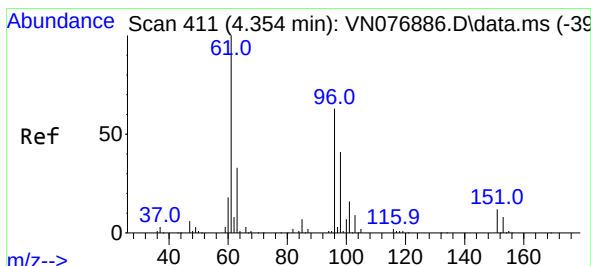
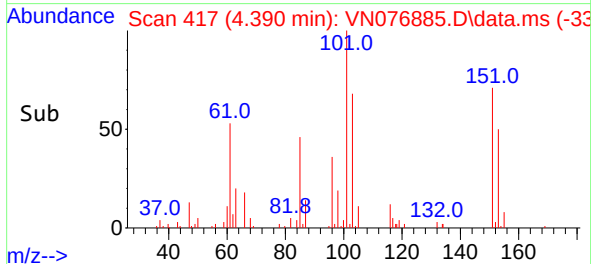
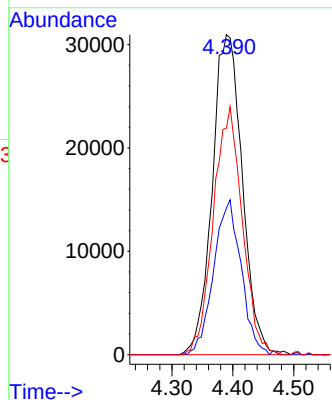
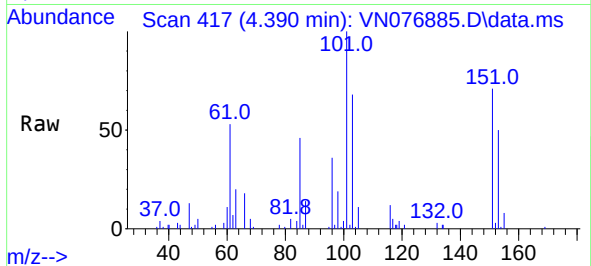




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.816 ug/l  
RT: 4.390 min Scan# 417  
Delta R.T. -0.000 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

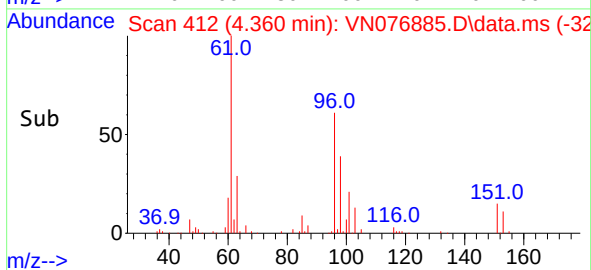
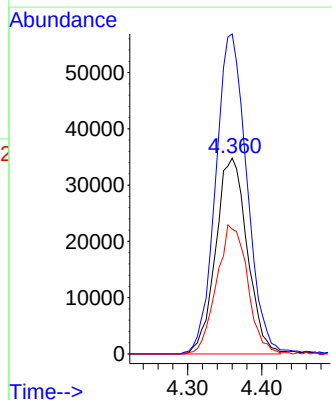
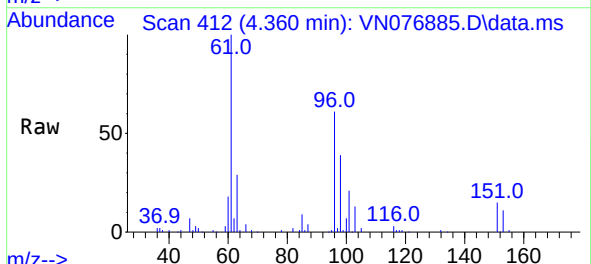
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

Tgt Ion:101 Resp: 106020  
Ion Ratio Lower Upper  
101 100  
85 44.2 0.0 95.2  
151 74.6 0.0 142.2

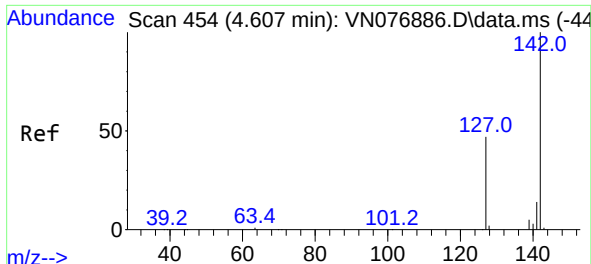


#10  
1,1-Dichloroethene  
Concen: 19.323 ug/l  
RT: 4.360 min Scan# 412  
Delta R.T. 0.006 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

Tgt Ion: 96 Resp: 102638  
Ion Ratio Lower Upper  
96 100  
61 163.5 137.1 205.7  
98 63.7 53.2 79.8



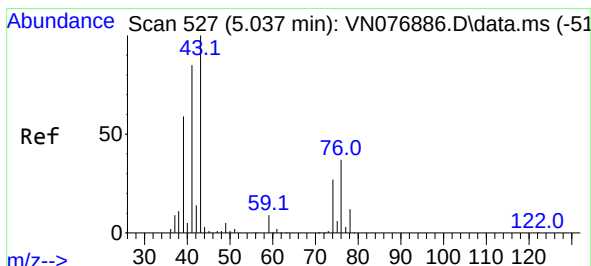
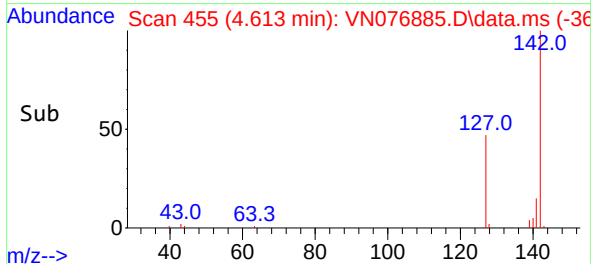
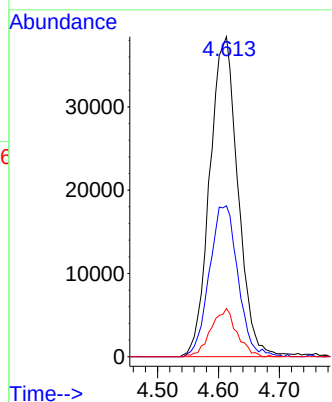
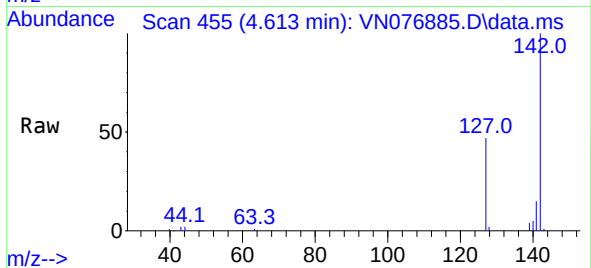




#11  
Methyl Iodide  
Concen: 19.238 ug/l  
RT: 4.613 min Scan# 455  
Delta R.T. 0.006 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

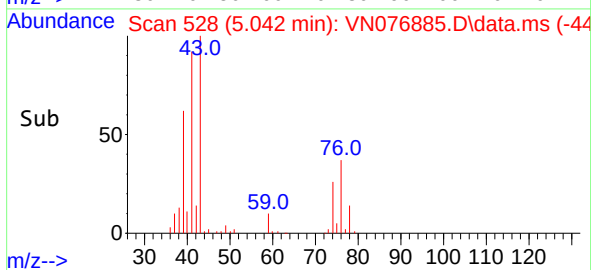
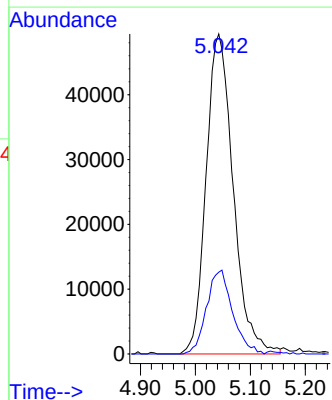
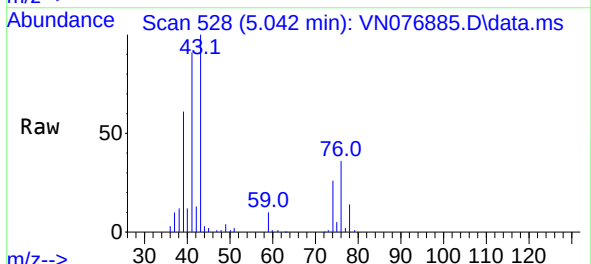
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

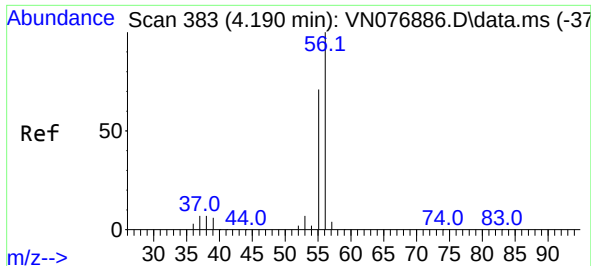
Tgt Ion:142 Resp: 123257  
Ion Ratio Lower Upper  
142 100  
127 47.1 25.0 75.0  
141 15.1 8.0 24.0



#12  
Methyl Acetate  
Concen: 16.256 ug/l  
RT: 5.042 min Scan# 528  
Delta R.T. 0.006 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

Tgt Ion: 43 Resp: 168981  
Ion Ratio Lower Upper  
43 100  
74 25.5 19.0 28.4

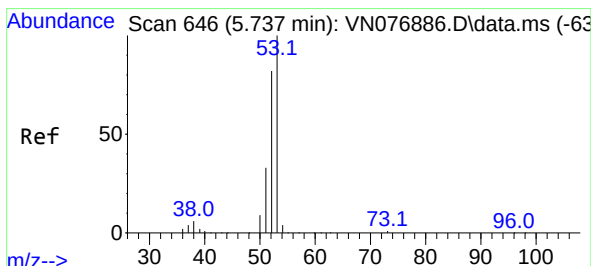
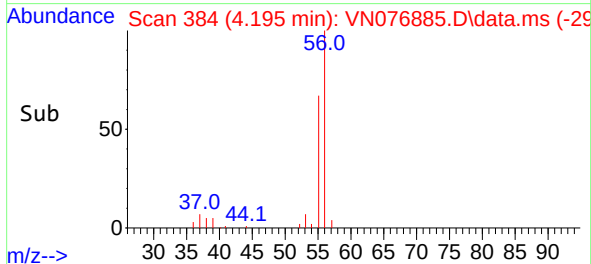
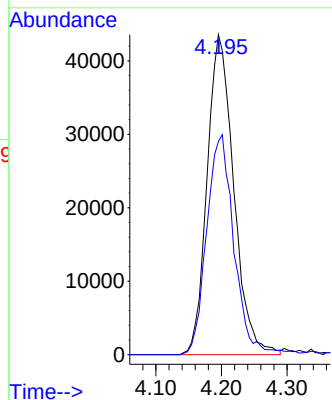
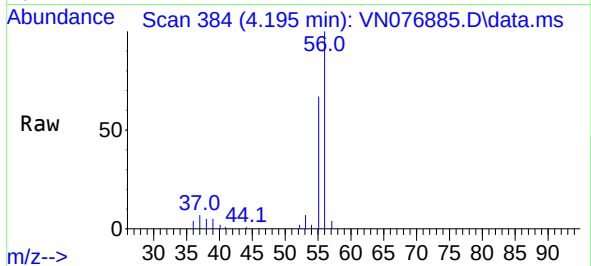




#13  
Acrolein  
Concen: 94.570 ug/l  
RT: 4.195 min Scan# 384  
Delta R.T. 0.006 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

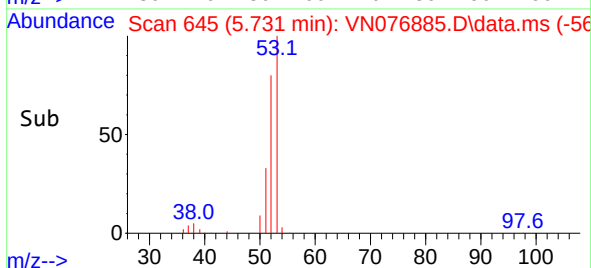
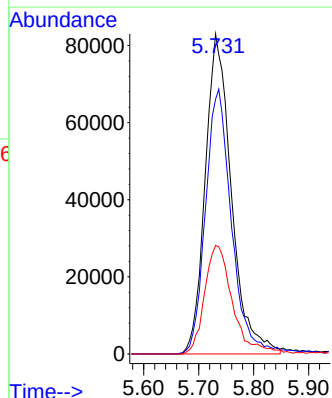
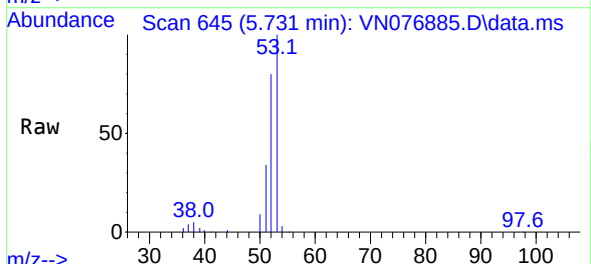
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

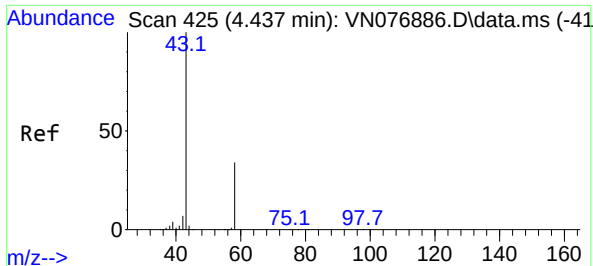
Tgt Ion: 56 Resp: 122917  
Ion Ratio Lower Upper  
56 100  
55 69.3 55.0 82.4



#14  
Acrylonitrile  
Concen: 85.210 ug/l  
RT: 5.731 min Scan# 645  
Delta R.T. -0.006 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

Tgt Ion: 53 Resp: 274566  
Ion Ratio Lower Upper  
53 100  
52 81.4 41.5 124.6  
51 34.5 17.6 52.8

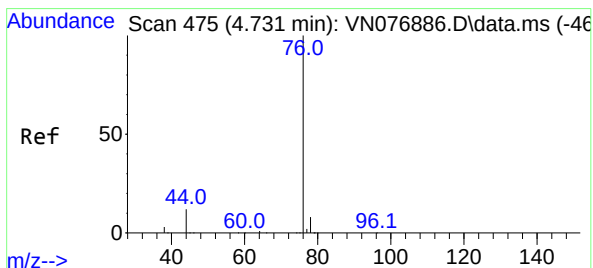
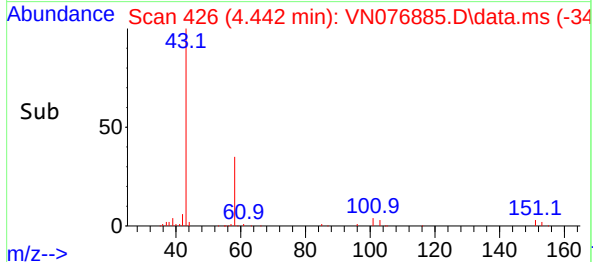
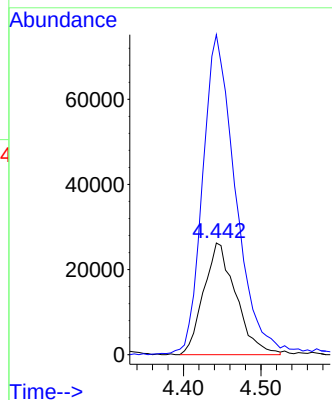
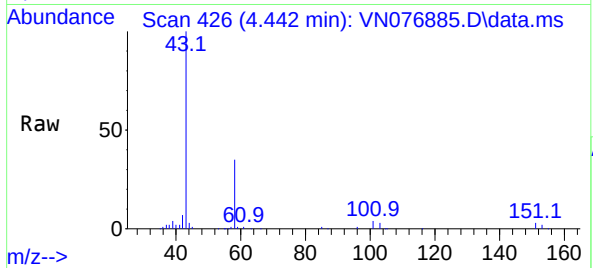




#15  
Acetone  
Concen: 75.288 ug/l  
RT: 4.442 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

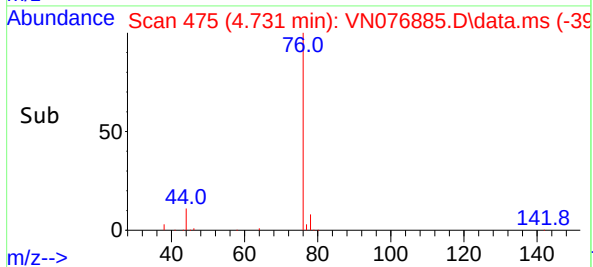
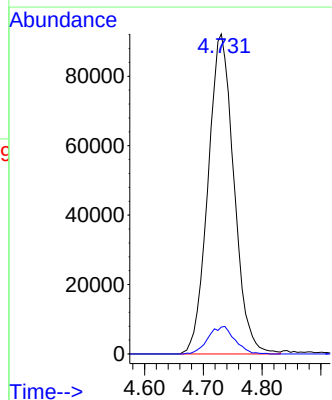
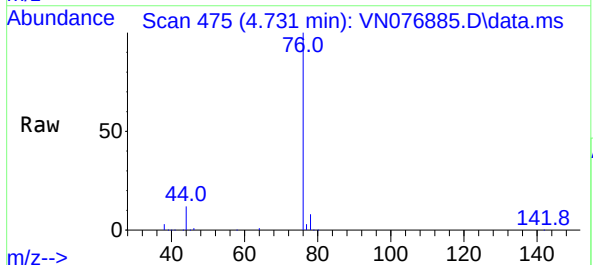
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

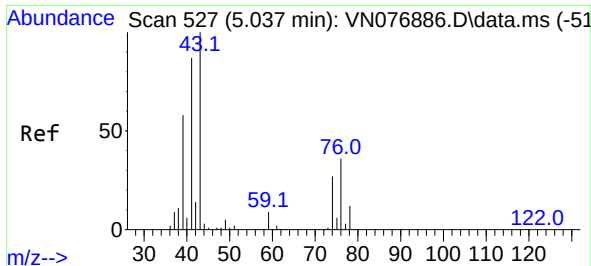
Tgt Ion: 58 Resp: 75903  
Ion Ratio Lower Upper  
58 100  
43 281.4 255.4 383.0



#16  
Carbon Disulfide  
Concen: 18.987 ug/l  
RT: 4.731 min Scan# 475  
Delta R.T. -0.000 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

Tgt Ion: 76 Resp: 281952  
Ion Ratio Lower Upper  
76 100  
78 8.4 6.6 9.8





#17

Allyl chloride

Concen: 16.348 ug/l

RT: 5.048 min Scan# 51

Delta R.T. 0.012 min

Lab File: VN076885.D

Acq: 08 Mar 2023 18:47

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC020

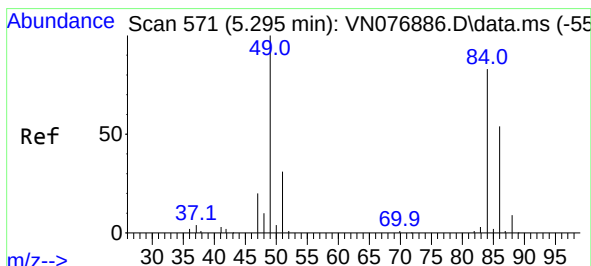
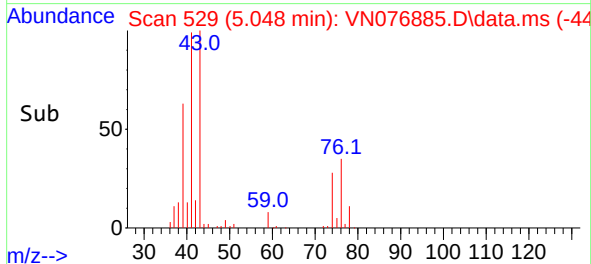
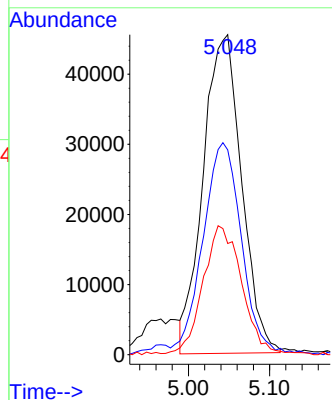
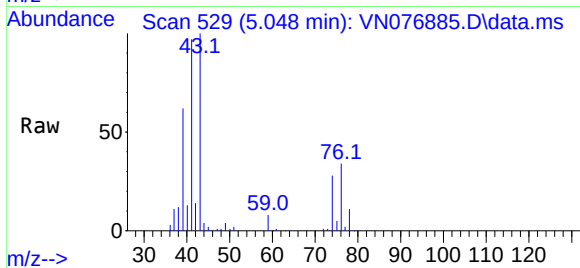
Tgt Ion: 41 Resp: 149831

Ion Ratio Lower Upper

41 100

39 63.0 34.8 104.3

76 34.3 17.5 52.5



#18

Methylene Chloride

Concen: 17.835 ug/l

RT: 5.289 min Scan# 570

Delta R.T. -0.006 min

Lab File: VN076885.D

Acq: 08 Mar 2023 18:47

Tgt Ion: 84 Resp: 117593

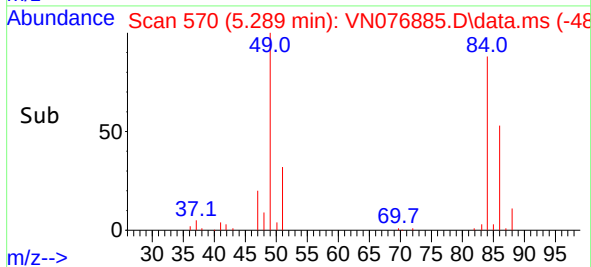
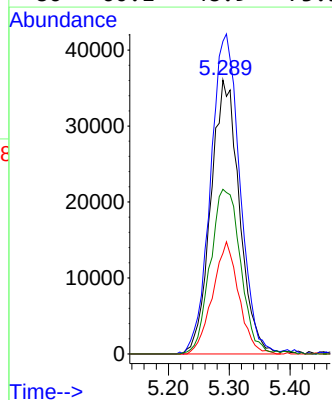
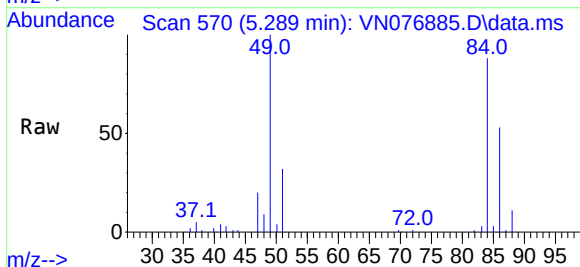
Ion Ratio Lower Upper

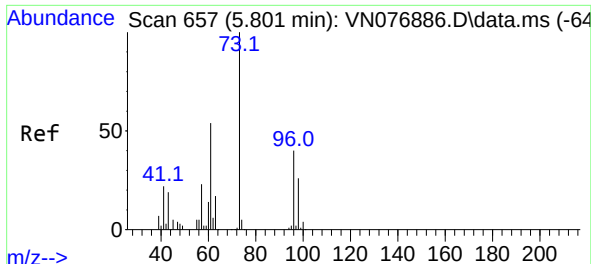
84 100

49 113.5 113.8 170.6#

51 36.7 34.2 51.4

86 60.1 48.9 73.3





#19

trans-1,2-Dichloroethene

Concen: 18.152 ug/l

RT: 5.801 min Scan# 61

Delta R.T. -0.000 min

Lab File: VN076885.D

Acq: 08 Mar 2023 18:47

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC020

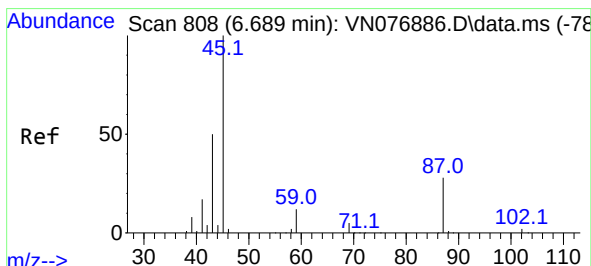
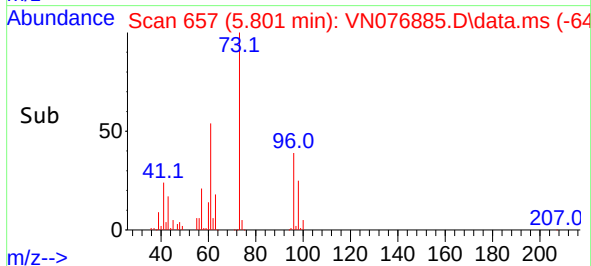
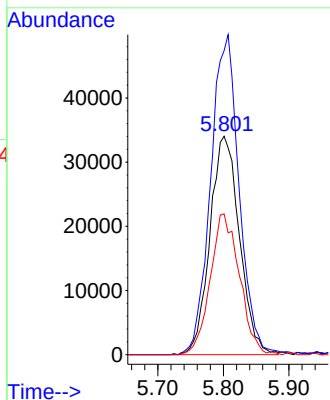
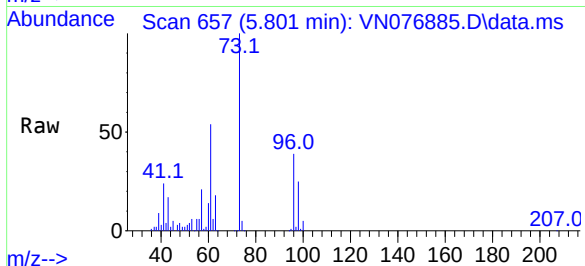
Tgt Ion: 96 Resp: 106513

Ion Ratio Lower Upper

96 100

61 139.2 111.0 166.4

98 64.5 55.0 82.6



#20

Diisopropyl ether

Concen: 16.441 ug/l

RT: 6.683 min Scan# 807

Delta R.T. -0.006 min

Lab File: VN076885.D

Acq: 08 Mar 2023 18:47

Tgt Ion: 45 Resp: 353591

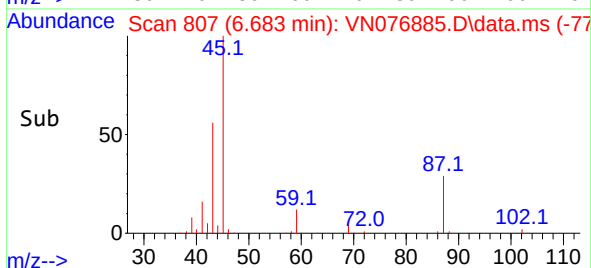
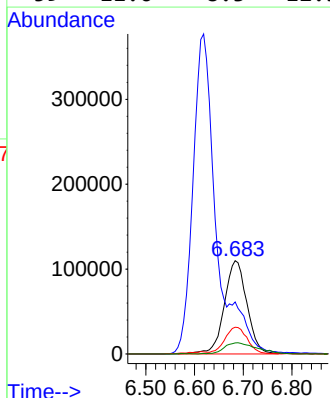
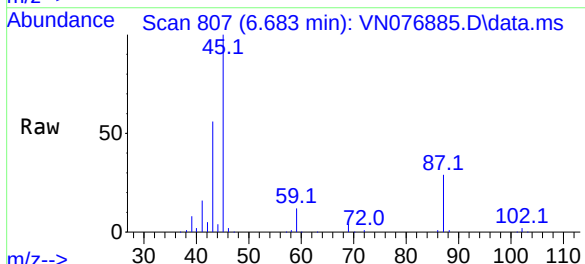
Ion Ratio Lower Upper

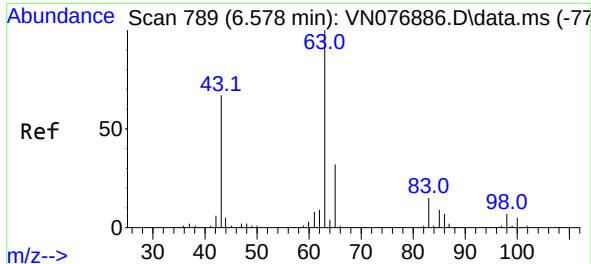
45 100

43 53.7 38.6 58.0

87 28.5 20.1 30.1

59 11.6 8.3 12.5

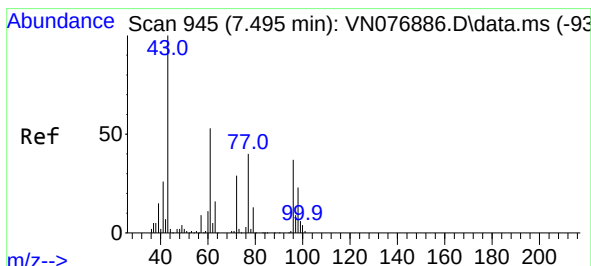
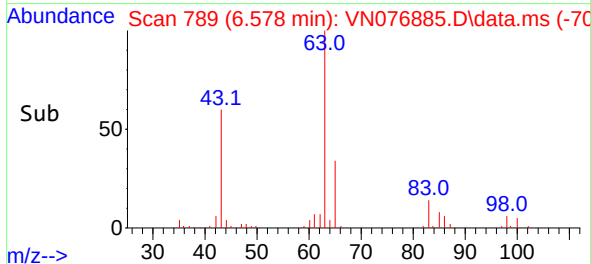
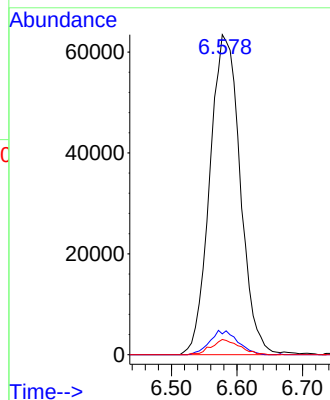
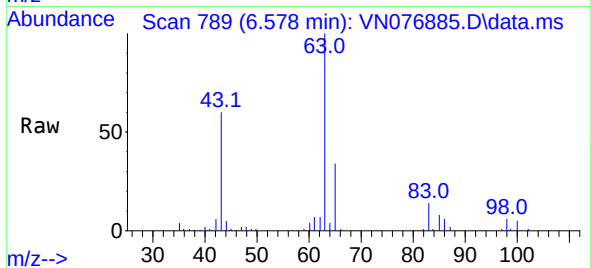




#21  
1,1-Dichloroethane  
Concen: 17.753 ug/l  
RT: 6.578 min Scan# 789  
Delta R.T. -0.000 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

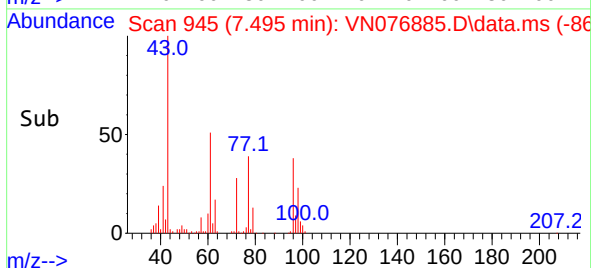
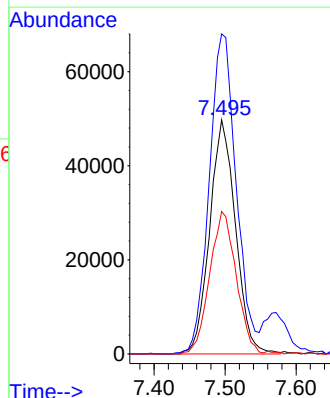
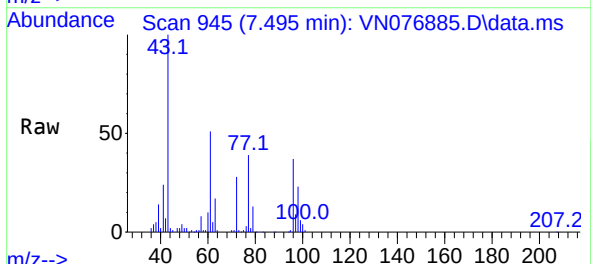
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

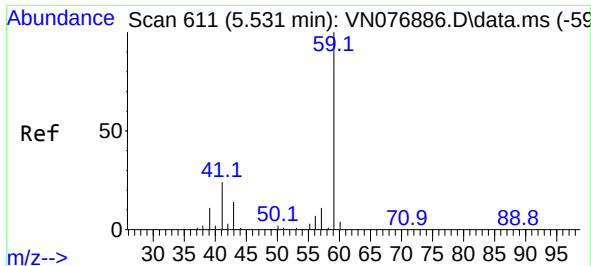
Tgt Ion: 63 Resp: 203847  
Ion Ratio Lower Upper  
63 100  
98 7.1 3.6 10.9  
100 4.8 2.6 7.8



#22  
cis-1,2-Dichloroethene  
Concen: 18.822 ug/l  
RT: 7.495 min Scan# 945  
Delta R.T. -0.000 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

Tgt Ion: 96 Resp: 125743  
Ion Ratio Lower Upper  
96 100  
61 143.3 121.0 181.4  
98 62.4 50.1 75.1

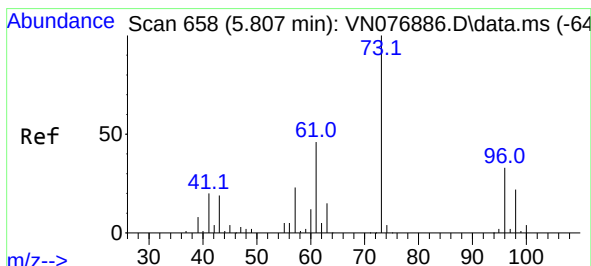
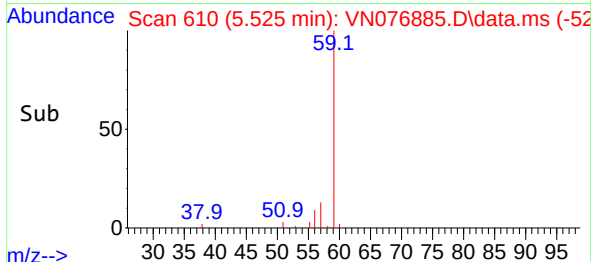
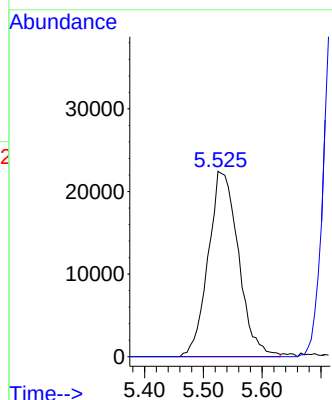
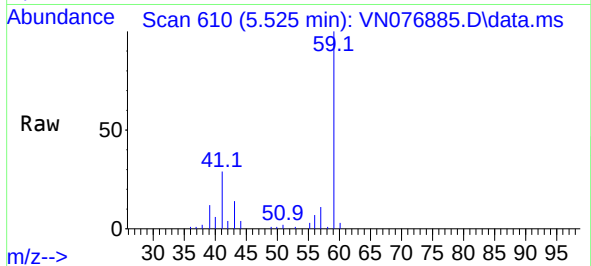




#23  
tert-Butyl Alcohol  
Concen: 86.564 ug/l  
RT: 5.525 min Scan# 611  
Delta R.T. -0.006 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

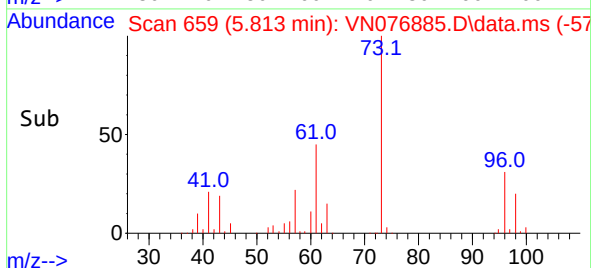
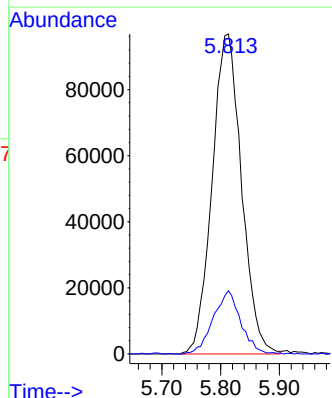
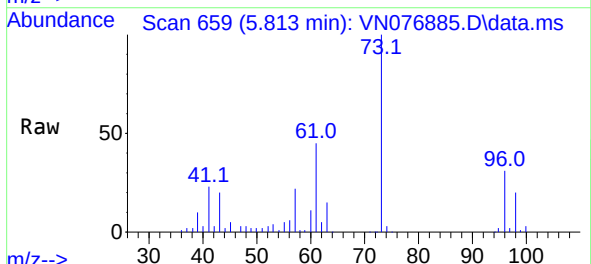
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

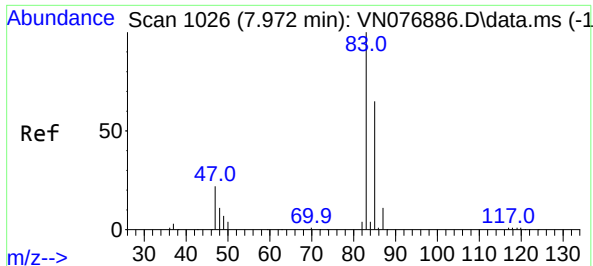
Tgt Ion: 59 Resp: 80139  
Ion Ratio Lower Upper  
59 100  
52 0.0 0.2 0.2#



#24  
Methyl tert-Butyl Ether  
Concen: 18.521 ug/l  
RT: 5.813 min Scan# 659  
Delta R.T. 0.006 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

Tgt Ion: 73 Resp: 336162  
Ion Ratio Lower Upper  
73 100  
43 18.4 17.8 26.6





#25

Chloroform

Concen: 18.449 ug/l

RT: 7.978 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN076885.D

Acq: 08 Mar 2023 18:47

Instrument :

MSVOA\_N

ClientSampleId :

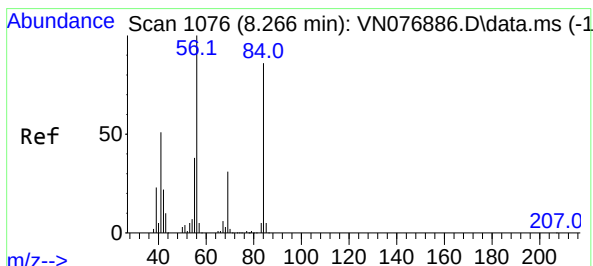
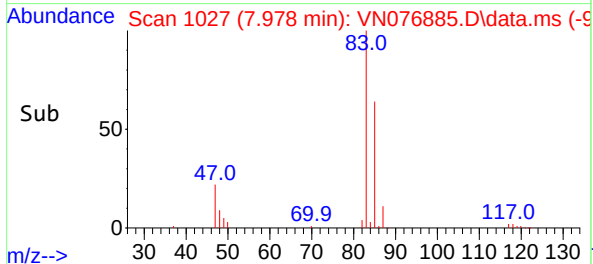
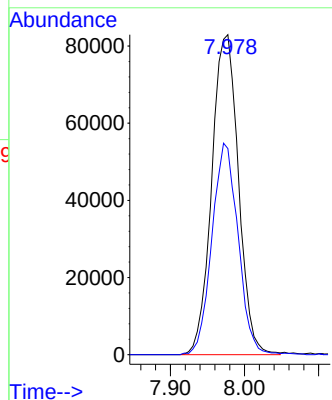
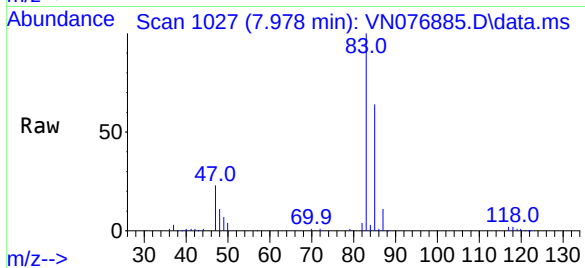
VSTDICCC020

Tgt Ion: 83 Resp: 207772

Ion Ratio Lower Upper

83 100

85 64.4 51.8 77.6



#26

Cyclohexane

Concen: 18.541 ug/l

RT: 8.266 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VN076885.D

Acq: 08 Mar 2023 18:47

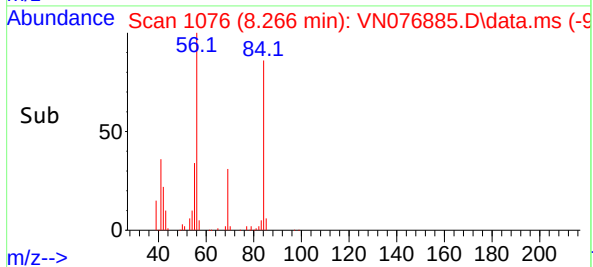
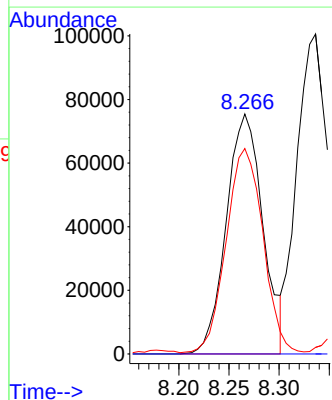
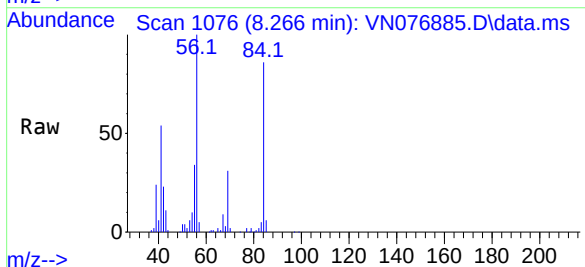
Tgt Ion: 56 Resp: 191675

Ion Ratio Lower Upper

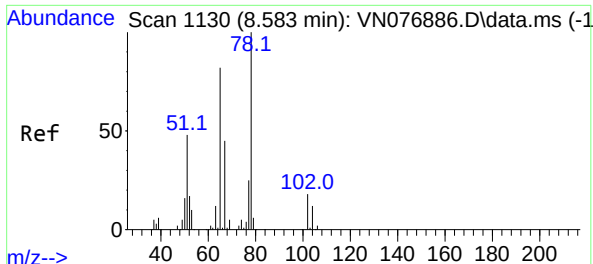
56 100

89 0.0 0.0 0.0

84 86.7 65.3 97.9



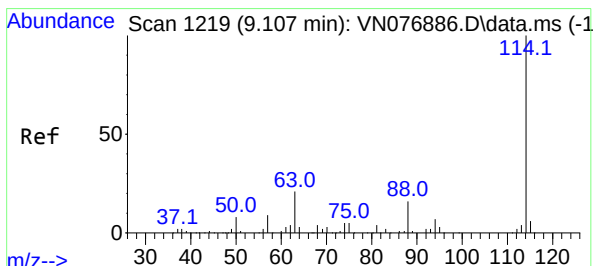
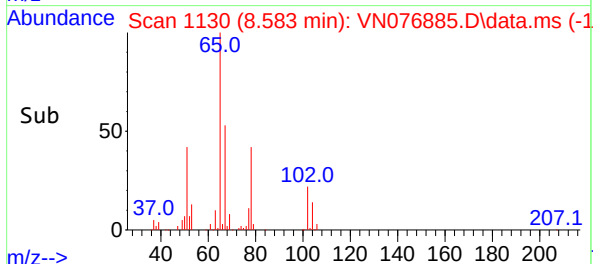
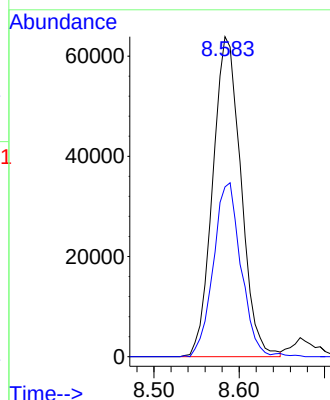
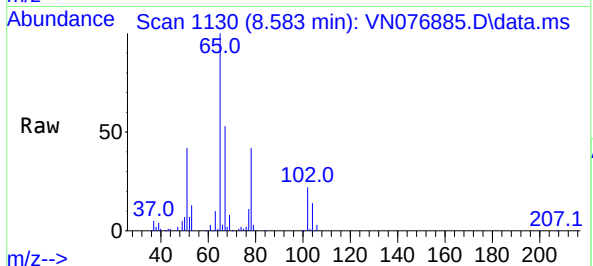




#27  
1,2-Dichloroethane-d4  
Concen: 30.492 ug/l  
RT: 8.583 min Scan# 1130  
Delta R.T. -0.000 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

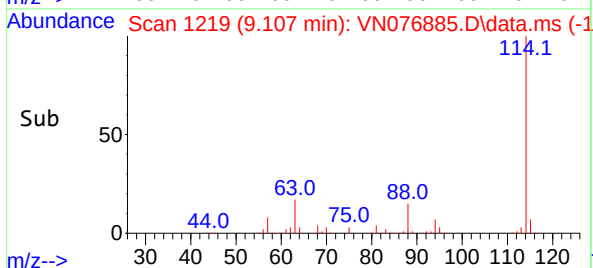
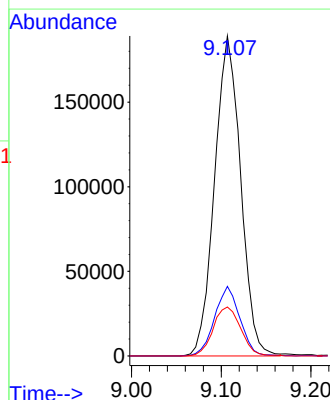
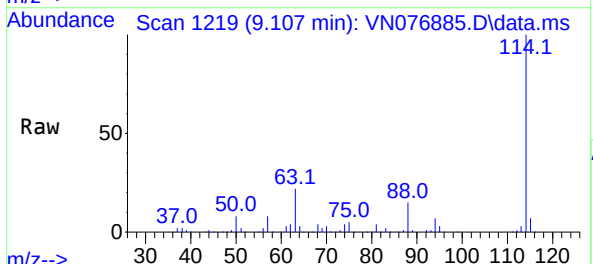
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

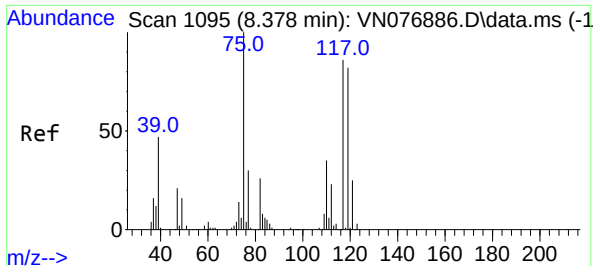
Tgt Ion: 65 Resp: 146755  
Ion Ratio Lower Upper  
65 100  
67 52.9 40.9 61.3



#28  
1,4-Difluorobenzene  
Concen: 30.000 ug/l  
RT: 9.107 min Scan# 1219  
Delta R.T. -0.000 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

Tgt Ion: 114 Resp: 381366  
Ion Ratio Lower Upper  
114 100  
63 21.1 17.0 25.4  
88 16.1 11.6 17.4

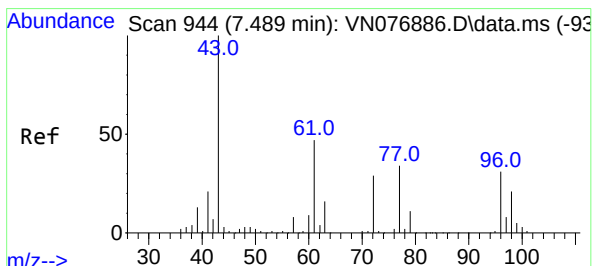
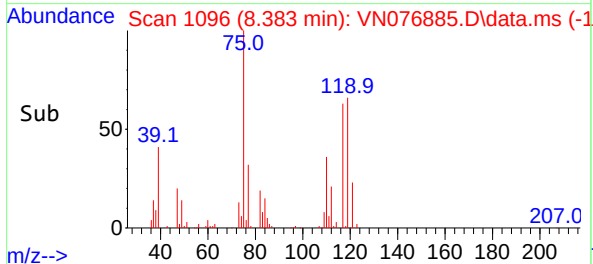
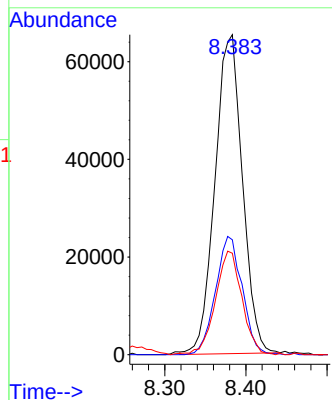
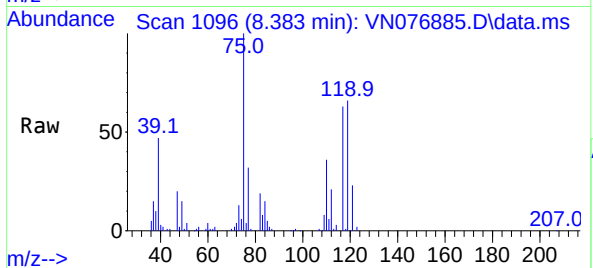




#29  
1,1-Dichloropropene  
Concen: 17.631 ug/l  
RT: 8.383 min Scan# 1095  
Delta R.T. 0.006 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

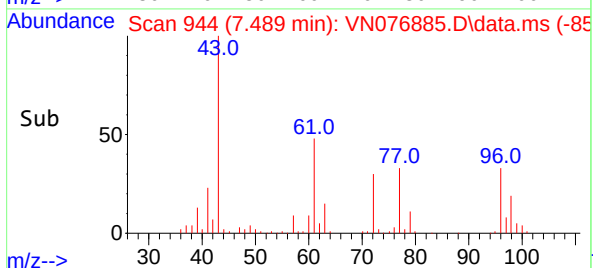
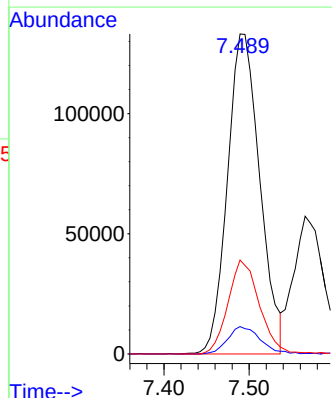
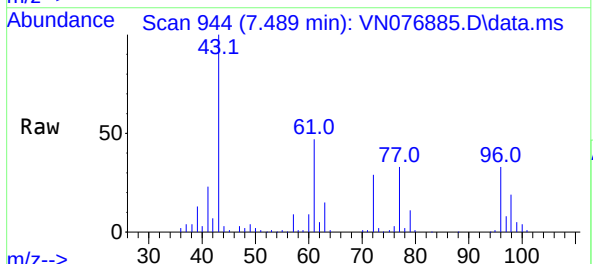
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

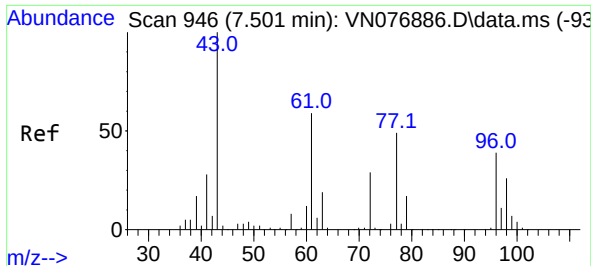
Tgt Ion: 75 Resp: 153568  
Ion Ratio Lower Upper  
75 100  
110 35.9 0.0 67.2  
77 31.2 0.0 64.4



#30  
2-Butanone  
Concen: 72.664 ug/l  
RT: 7.489 min Scan# 944  
Delta R.T. -0.000 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

Tgt Ion: 43 Resp: 351846  
Ion Ratio Lower Upper  
43 100  
57 8.6 6.1 9.1  
72 28.1 20.2 30.4





#31

2,2-Dichloropropane

Concen: 17.025 ug/l

RT: 7.507 min Scan# 94

Delta R.T. 0.006 min

Lab File: VN076885.D

Acq: 08 Mar 2023 18:47

Instrument :

MSVOA\_N

ClientSampleId :

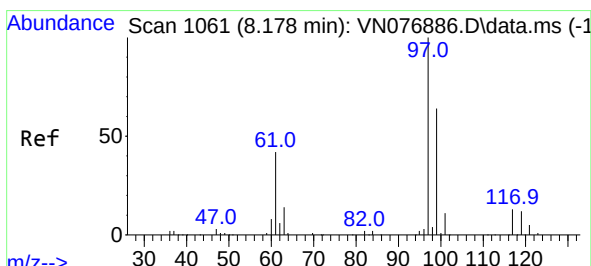
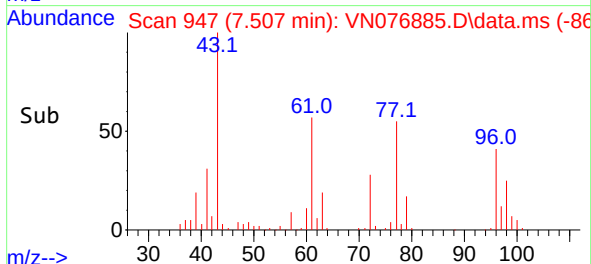
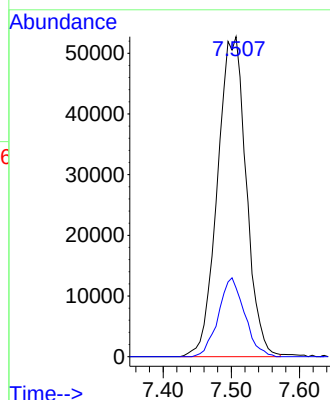
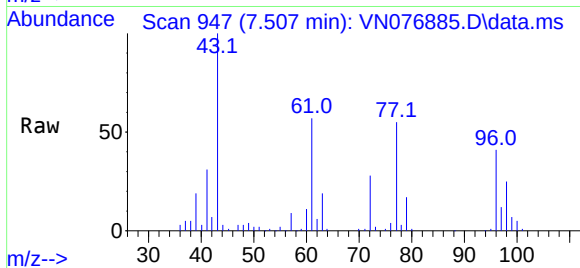
VSTDICCC020

Tgt Ion: 77 Resp: 154428

Ion Ratio Lower Upper

77 100

97 22.5 7.2 10.8#



#32

1,1,1-Trichloroethane

Concen: 17.870 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.006 min

Lab File: VN076885.D

Acq: 08 Mar 2023 18:47

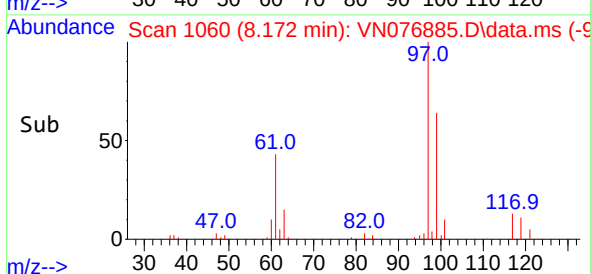
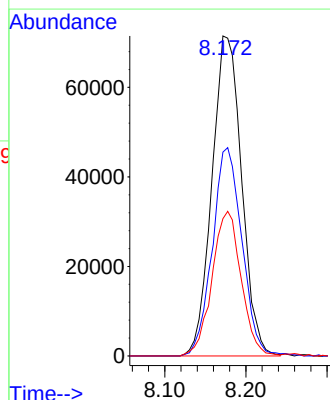
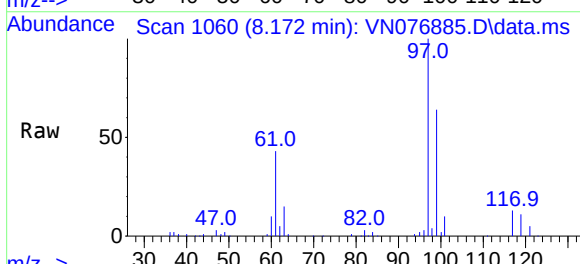
Tgt Ion: 97 Resp: 181533

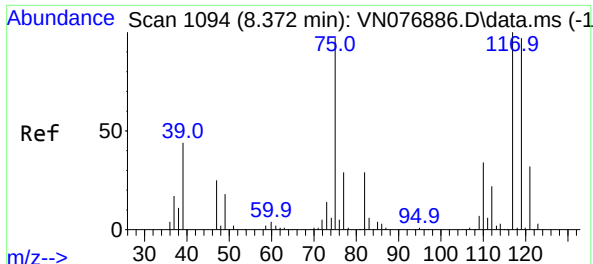
Ion Ratio Lower Upper

97 100

99 65.0 51.8 77.8

61 44.3 39.3 58.9

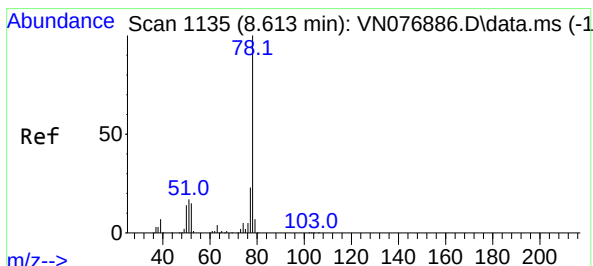
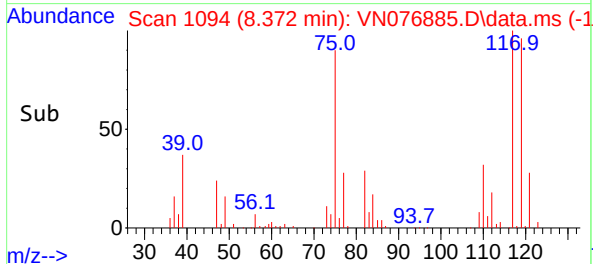
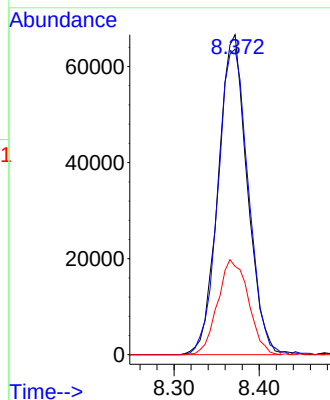
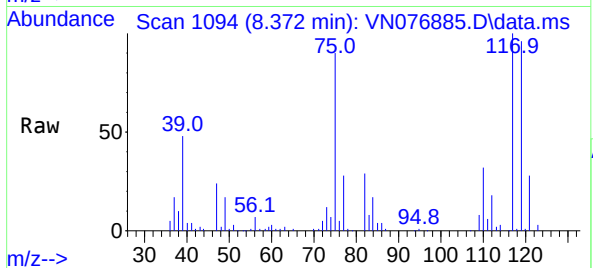




#33  
Carbon Tetrachloride  
Concen: 17.912 ug/l  
RT: 8.372 min Scan# 1109  
Delta R.T. -0.000 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

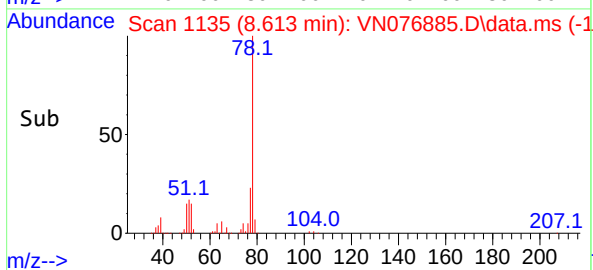
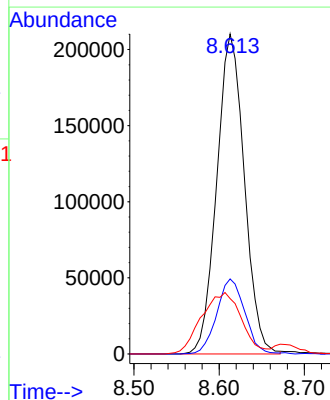
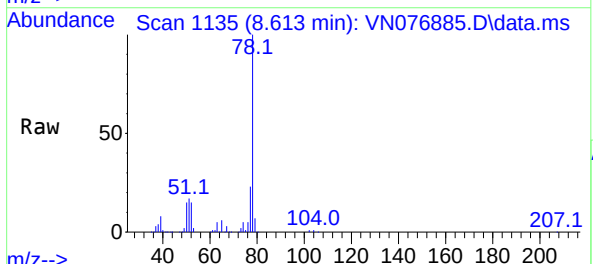
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

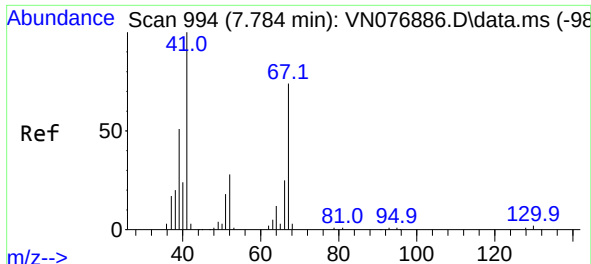
Tgt Ion:117 Resp: 158139  
Ion Ratio Lower Upper  
117 100  
119 95.5 79.8 119.8  
121 27.6 23.4 35.0



#34  
Benzene  
Concen: 17.031 ug/l  
RT: 8.613 min Scan# 1135  
Delta R.T. -0.000 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

Tgt Ion: 78 Resp: 471829  
Ion Ratio Lower Upper  
78 100  
77 23.5 17.4 26.2  
51 16.3 13.8 20.6



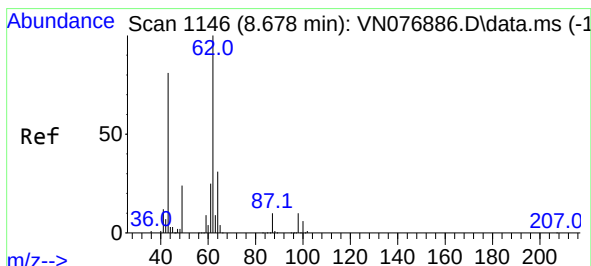
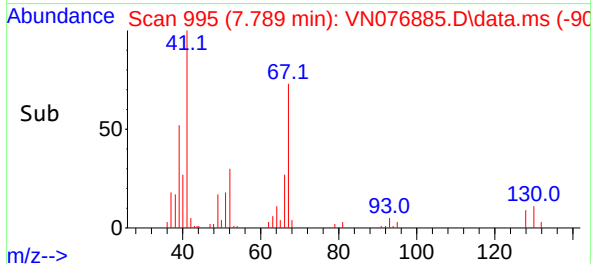
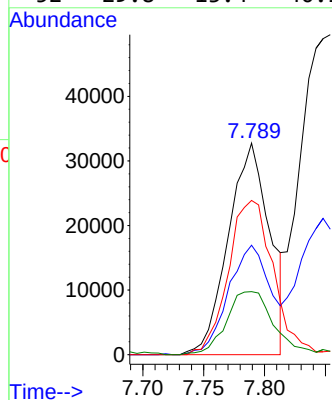
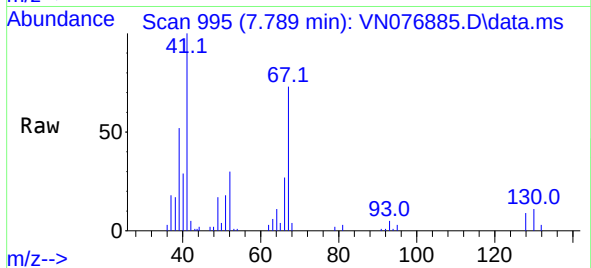


#35  
Methacrylonitrile  
Concen: 14.426 ug/l  
RT: 7.789 min Scan# 994  
Delta R.T. 0.006 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

Tgt Ion: 41 Resp: 77523

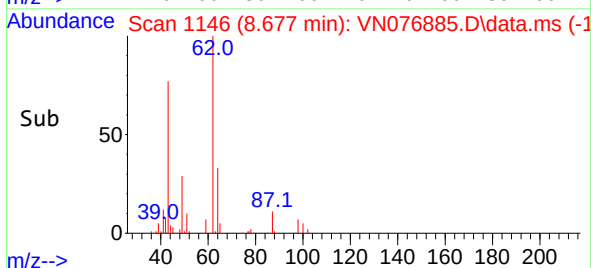
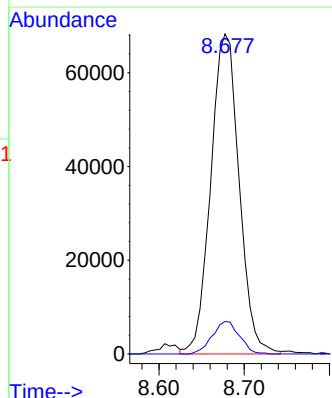
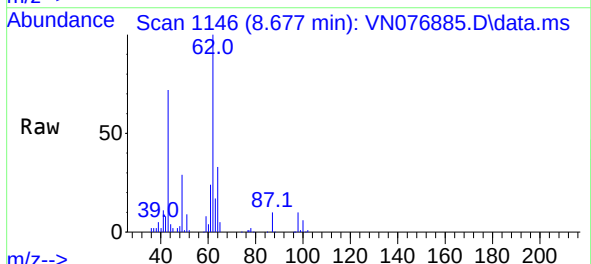
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 51.8  | 26.6  | 79.7  |
| 67  | 72.9  | 32.3  | 96.9  |
| 52  | 29.8  | 13.4  | 40.1  |

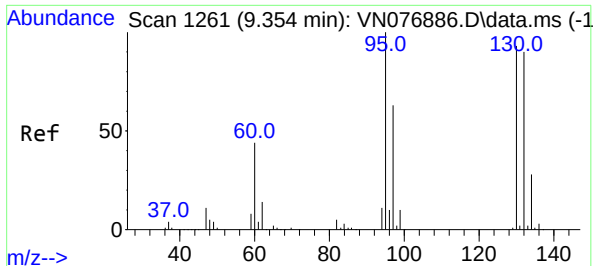


#36  
1,2-Dichloroethane  
Concen: 17.044 ug/l  
RT: 8.677 min Scan# 1146  
Delta R.T. -0.000 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

Tgt Ion: 62 Resp: 158132

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.8   | 7.4   | 11.0  |





#37

Trichloroethene

Concen: 18.015 ug/l

RT: 9.360 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN076885.D

Acq: 08 Mar 2023 18:47

Instrument :

MSVOA\_N

ClientSampleId :

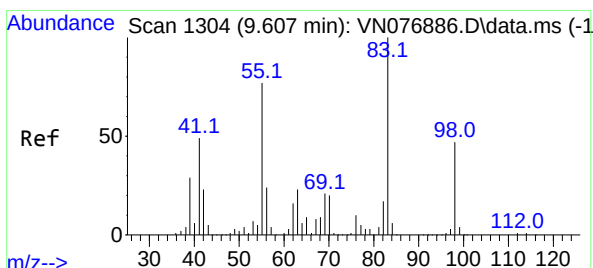
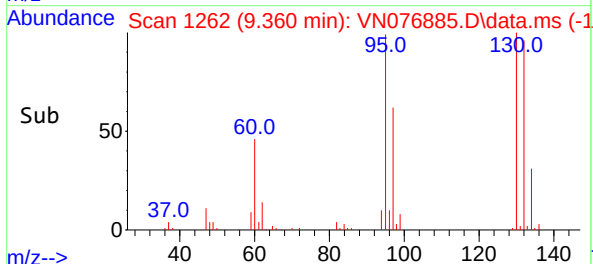
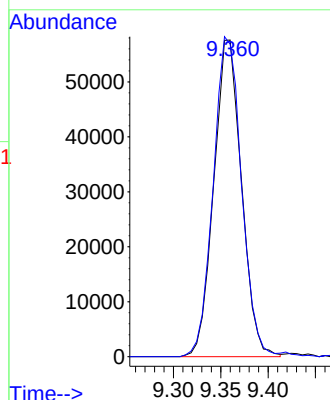
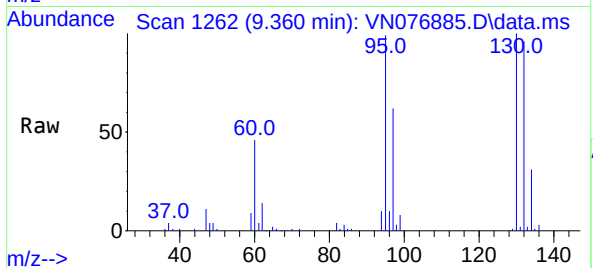
VSTDICCC020

Tgt Ion:130 Resp: 117261

Ion Ratio Lower Upper

130 100

95 98.7 78.7 118.1



#38

Methylcyclohexane

Concen: 17.571 ug/l

RT: 9.607 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN076885.D

Acq: 08 Mar 2023 18:47

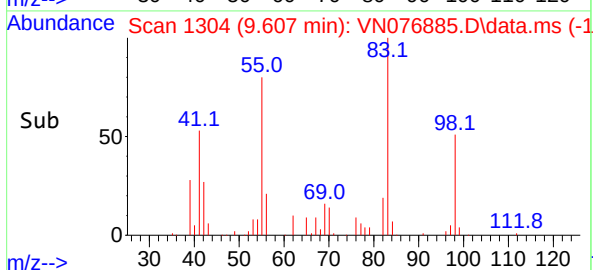
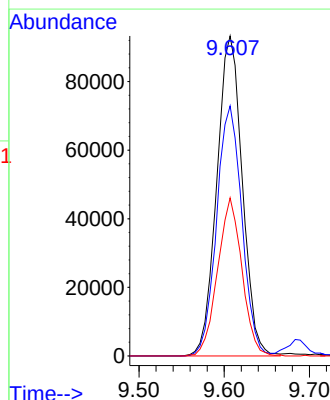
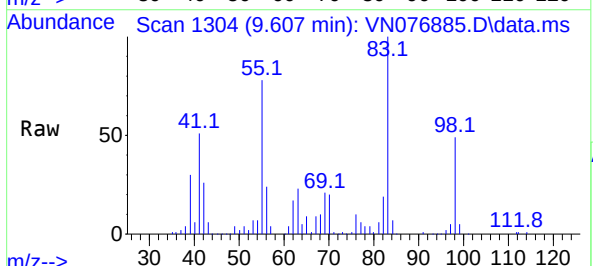
Tgt Ion: 83 Resp: 194065

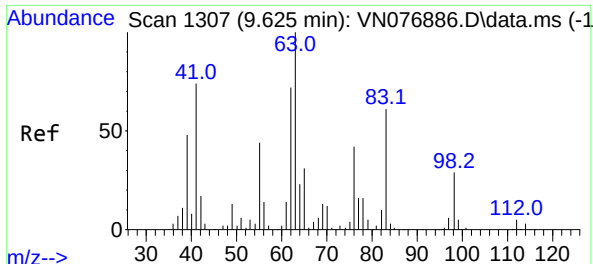
Ion Ratio Lower Upper

83 100

55 77.3 37.6 112.9

98 47.1 24.1 72.4

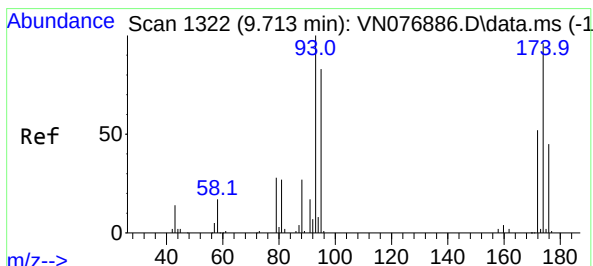
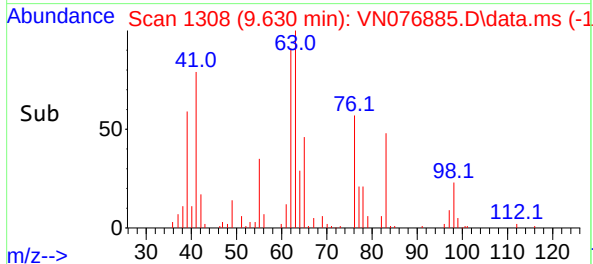
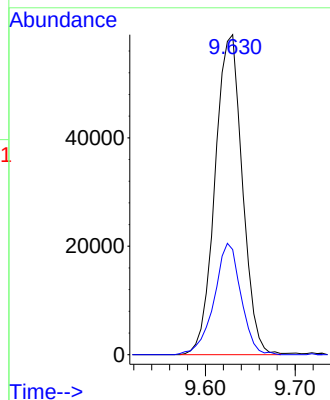
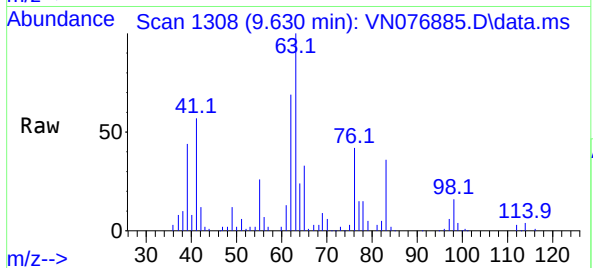




#39  
1,2-Dichloropropane  
Concen: 17.369 ug/l  
RT: 9.630 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

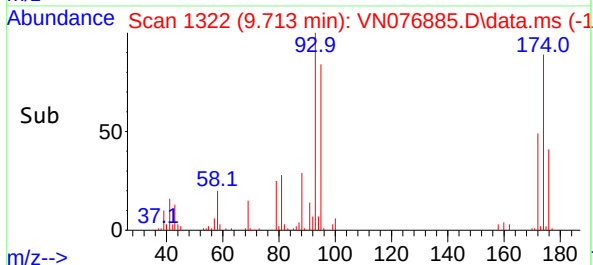
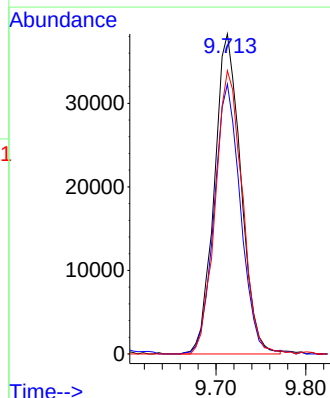
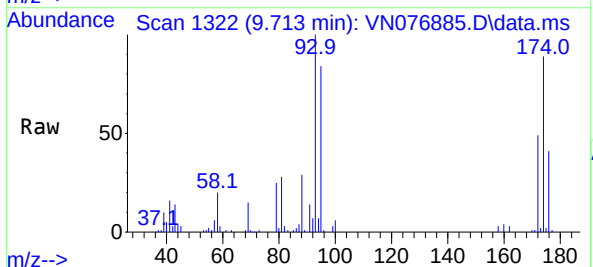
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

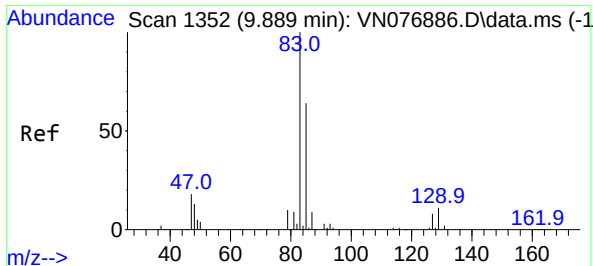
Tgt Ion: 63 Resp: 124654  
Ion Ratio Lower Upper  
63 100  
65 32.9 27.2 40.8



#40  
Dibromomethane  
Concen: 17.163 ug/l  
RT: 9.713 min Scan# 1322  
Delta R.T. -0.000 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

Tgt Ion: 93 Resp: 78488  
Ion Ratio Lower Upper  
93 100  
95 84.2 0.0 158.0  
174 89.9 0.0 171.2

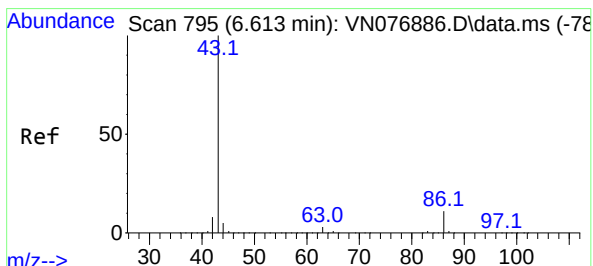
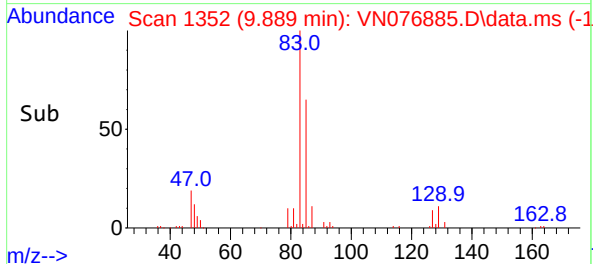
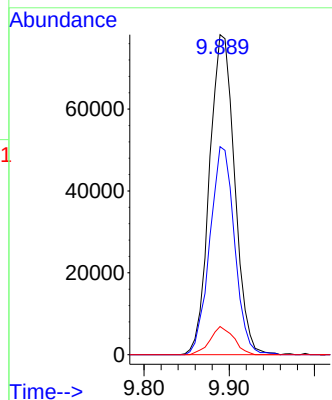
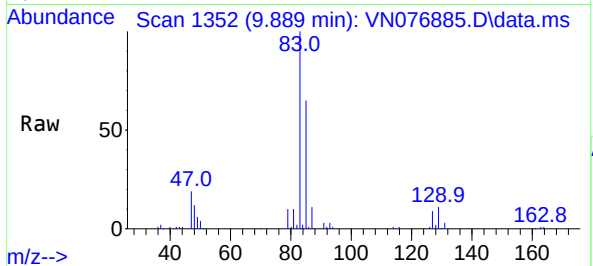




#41  
Bromodichloromethane  
Concen: 17.423 ug/l  
RT: 9.889 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

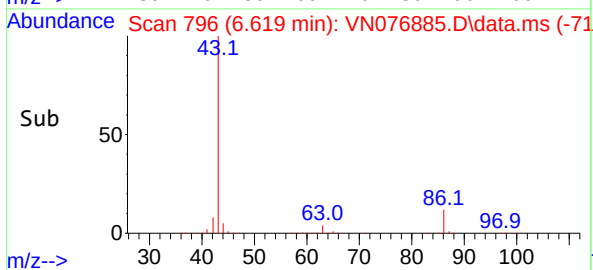
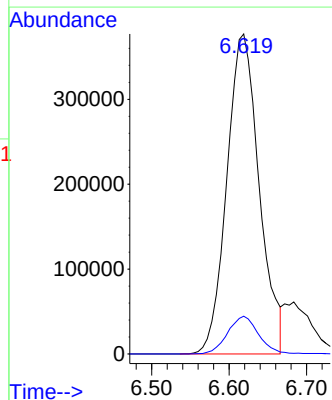
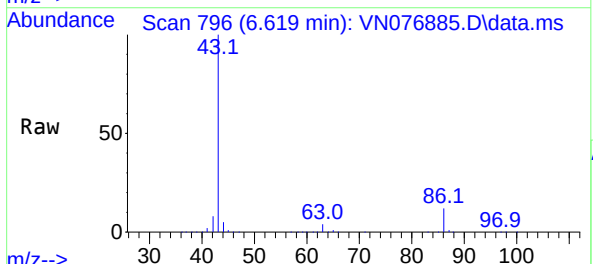
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

Tgt Ion: 83 Resp: 160359  
Ion Ratio Lower Upper  
83 100  
85 65.0 51.0 76.4  
127 8.8 6.2 9.2

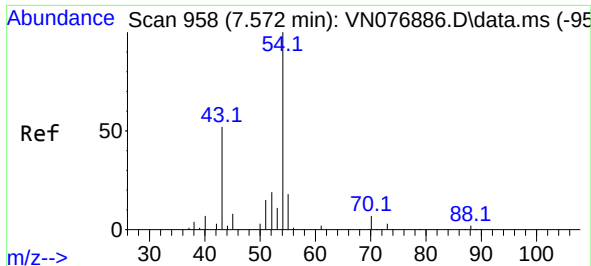


#42  
Vinyl Acetate  
Concen: 76.709 ug/l  
RT: 6.619 min Scan# 796  
Delta R.T. 0.006 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

Tgt Ion: 43 Resp: 1098072  
Ion Ratio Lower Upper  
43 100  
86 11.2 7.8 11.6







#43

Ethyl Acetate

Concen: 15.366 ug/l

RT: 7.566 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN076885.D

Acq: 08 Mar 2023 18:47

Instrument :

MSVOA\_N

ClientSampleId :

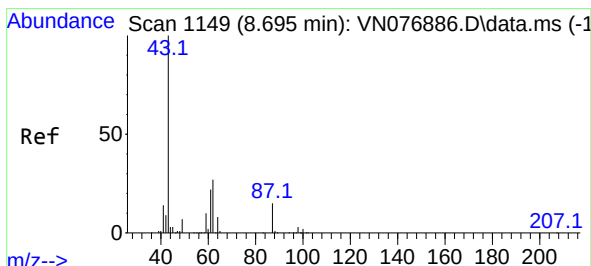
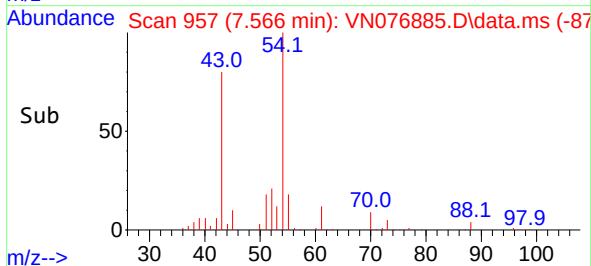
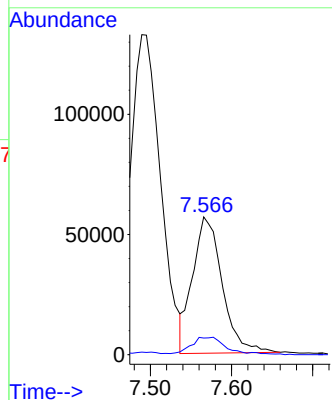
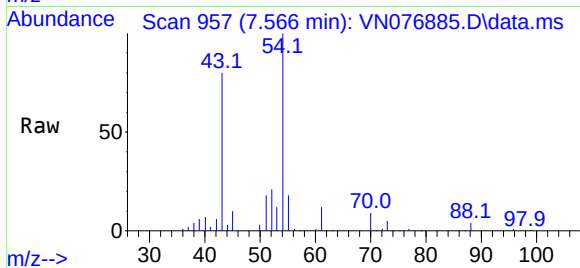
VSTDICCC020

Tgt Ion: 43 Resp: 143426

Ion Ratio Lower Upper

43 100

45 5.7 11.2 16.8#



#44

Isopropyl Acetate

Concen: 15.096 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. -0.000 min

Lab File: VN076885.D

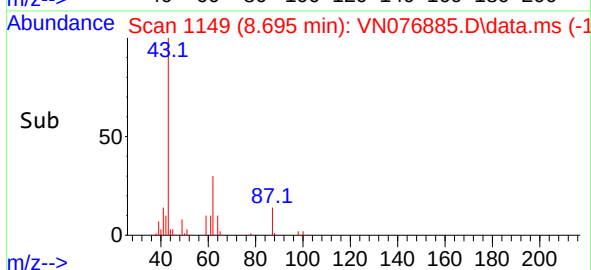
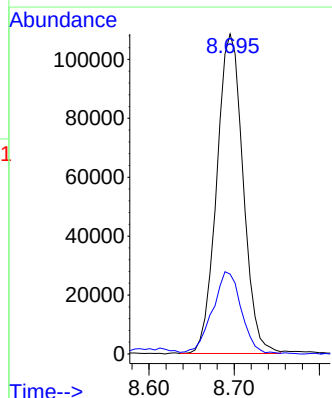
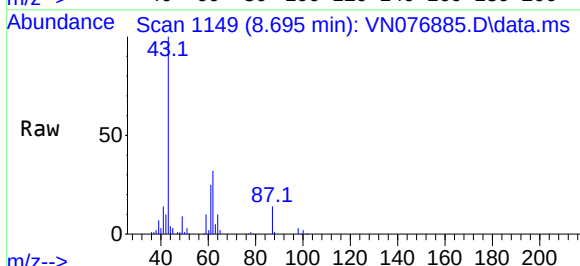
Acq: 08 Mar 2023 18:47

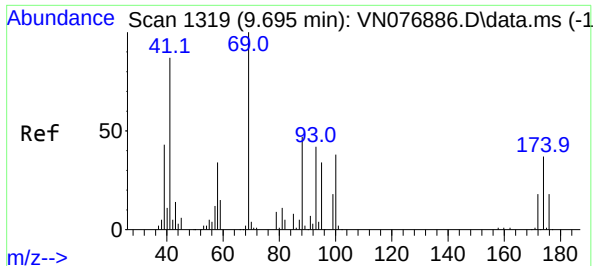
Tgt Ion: 43 Resp: 233244

Ion Ratio Lower Upper

43 100

61 27.7 19.5 29.3

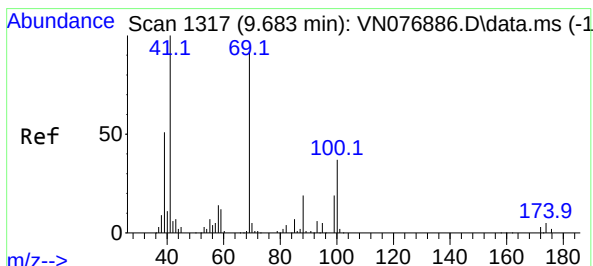
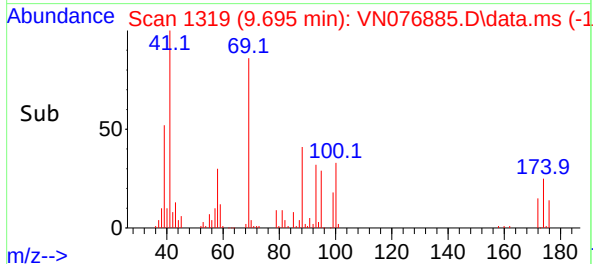
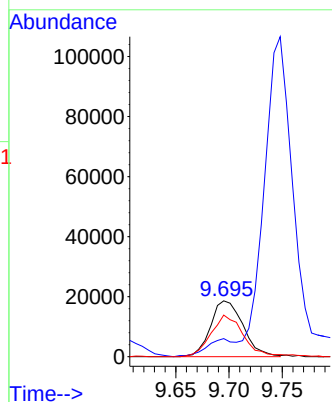
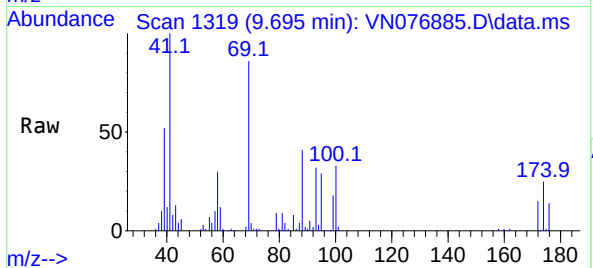




#45  
1,4-Dioxane  
Concen: 304.460 ug/l  
RT: 9.695 min Scan# 1319  
Delta R.T. -0.000 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

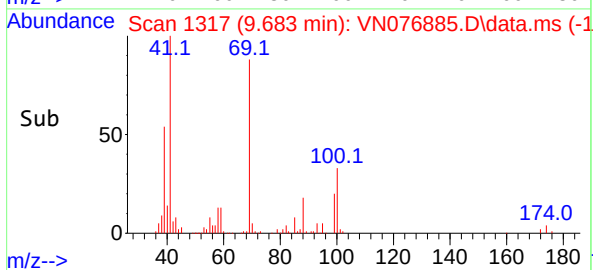
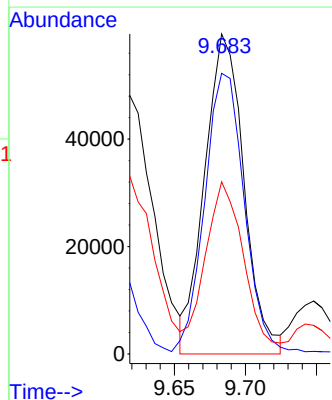
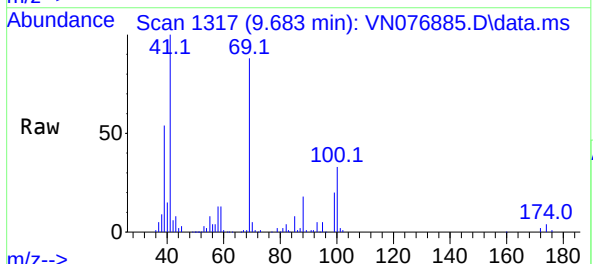
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MSVOA\_N  
ClientSampleId :  
VSTDICCC020

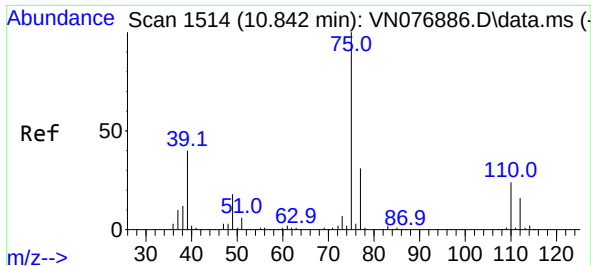
Tgt Ion: 88 Resp: 39518  
Ion Ratio Lower Upper  
88 100  
43 28.2 26.0 39.0  
58 75.6 54.3 81.5



#46  
Methyl methacrylate  
Concen: 16.069 ug/l  
RT: 9.683 min Scan# 1317  
Delta R.T. -0.000 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

Tgt Ion: 41 Resp: 114458  
Ion Ratio Lower Upper  
41 100  
69 90.8 40.6 121.7  
39 53.5 30.5 91.5

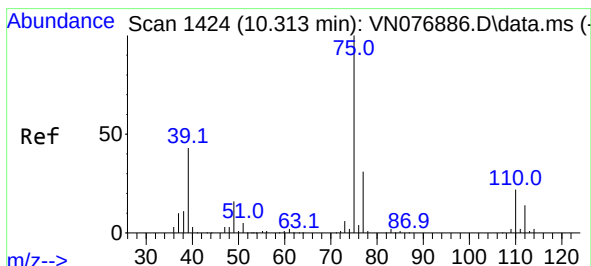
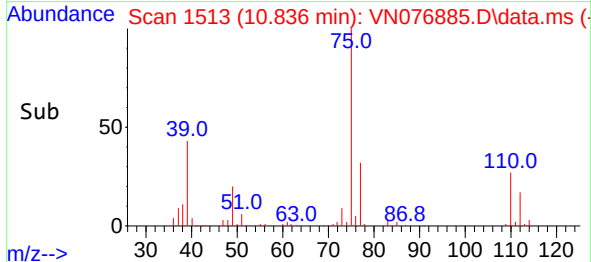
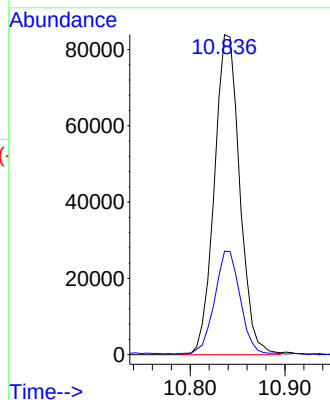
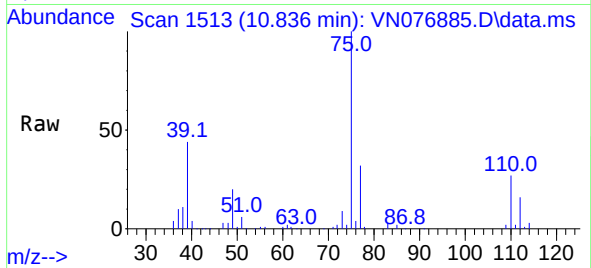




#48  
t-1,3-Dichloropropene  
Concen: 16.799 ug/l  
RT: 10.836 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

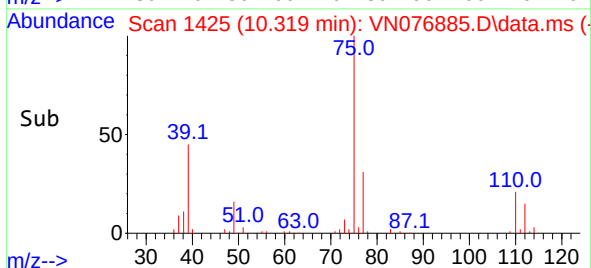
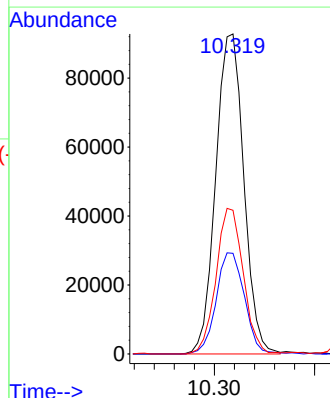
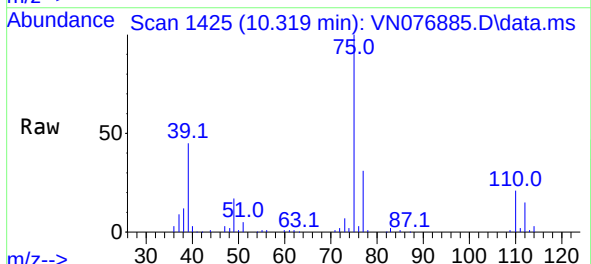
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MSVOA\_N  
ClientSampleId :  
VSTDICCC020

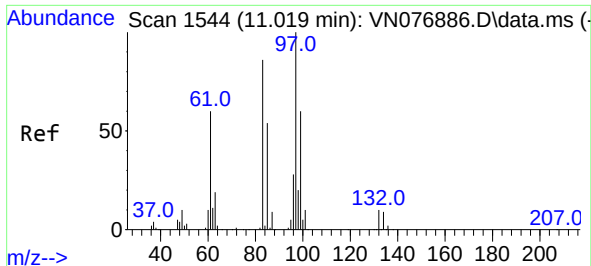
Tgt Ion: 75 Resp: 156046  
Ion Ratio Lower Upper  
75 100  
77 32.0 25.4 38.2



#49  
cis-1,3-Dichloropropene  
Concen: 16.920 ug/l  
RT: 10.319 min Scan# 1425  
Delta R.T. 0.006 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

Tgt Ion: 75 Resp: 180299  
Ion Ratio Lower Upper  
75 100  
77 31.4 27.5 41.3  
39 44.9 43.5 65.3





#50

1,1,2-Trichloroethane

Concen: 16.779 ug/l

RT: 11.018 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076885.D

Acq: 08 Mar 2023 18:47

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 97 Resp: 111617

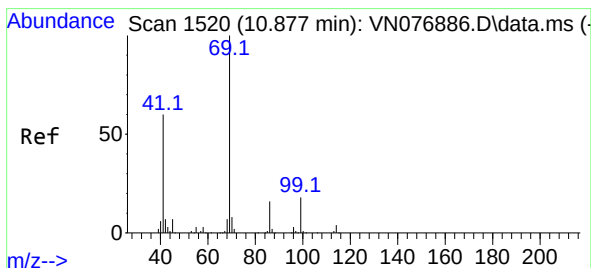
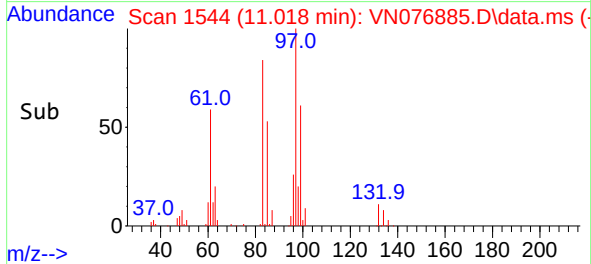
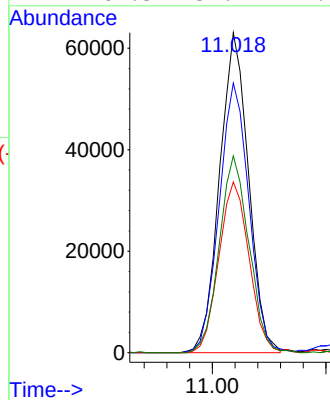
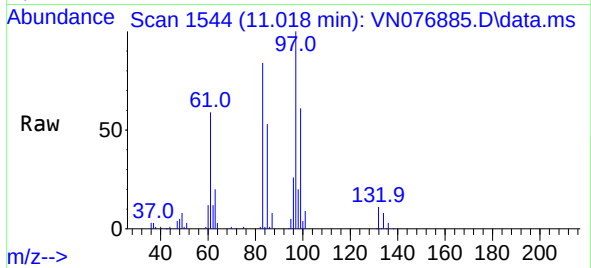
Ion Ratio Lower Upper

97 100

83 84.2 71.0 106.4

85 53.4 45.5 68.3

99 61.5 51.4 77.2



#51

Ethyl methacrylate

Concen: 17.412 ug/l

RT: 10.877 min Scan# 1520

Delta R.T. -0.000 min

Lab File: VN076885.D

Acq: 08 Mar 2023 18:47

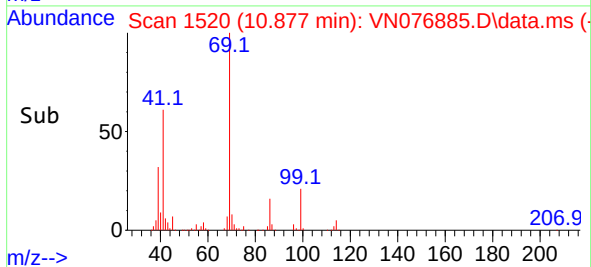
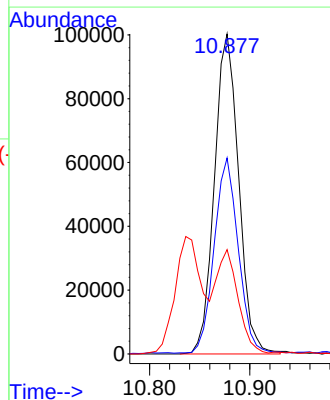
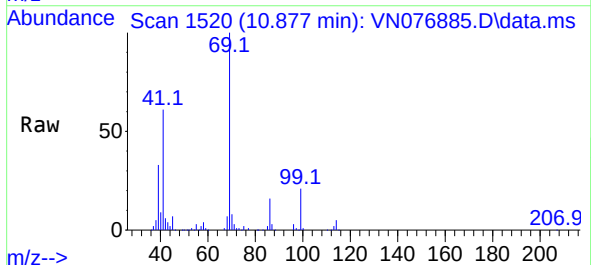
Tgt Ion: 69 Resp: 168376

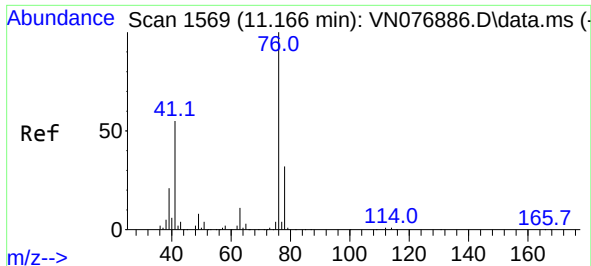
Ion Ratio Lower Upper

69 100

41 60.9 36.3 108.7

39 32.1 19.9 59.7

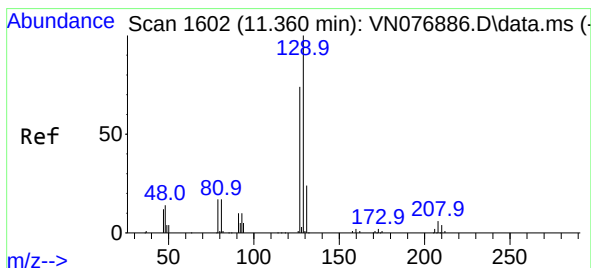
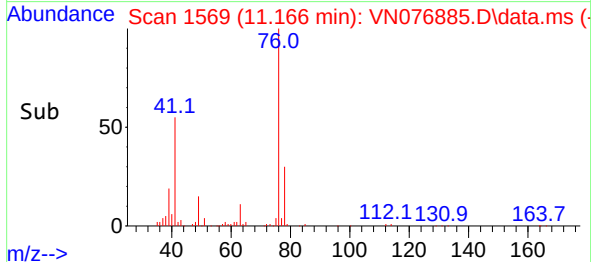
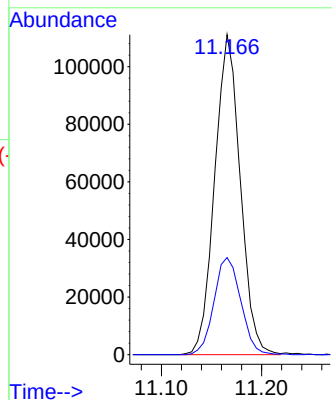
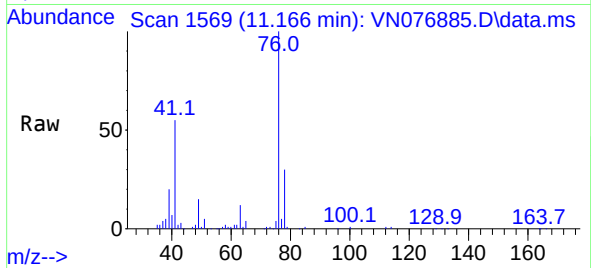




#52  
1,3-Dichloropropane  
Concen: 17.180 ug/l  
RT: 11.166 min Scan# 1569  
Delta R.T. -0.000 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

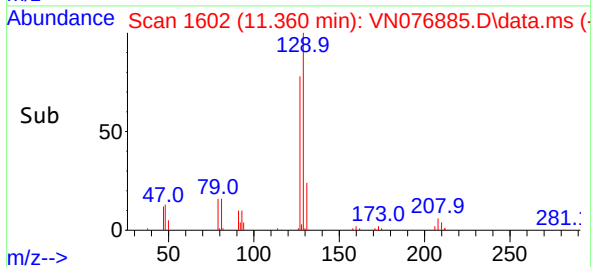
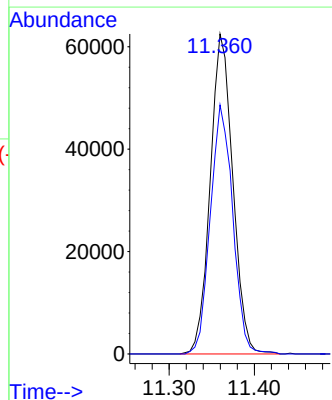
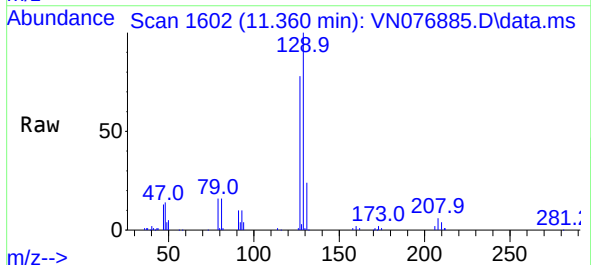
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

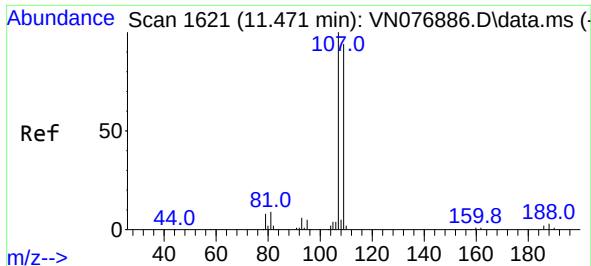
Tgt Ion: 76 Resp: 196524  
Ion Ratio Lower Upper  
76 100  
78 31.8 0.0 65.4



#53  
Dibromochloromethane  
Concen: 16.994 ug/l  
RT: 11.360 min Scan# 1602  
Delta R.T. -0.000 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

Tgt Ion: 129 Resp: 115179  
Ion Ratio Lower Upper  
129 100  
127 77.2 39.4 118.1

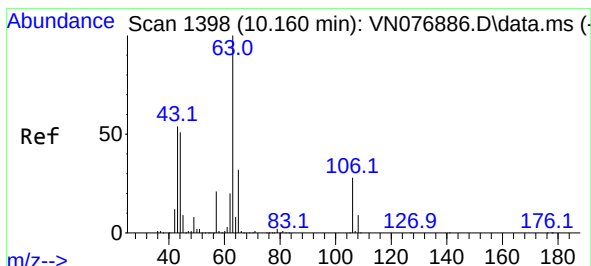
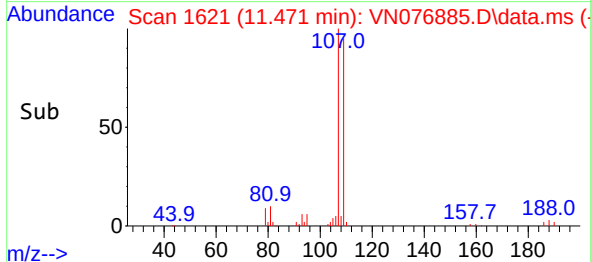
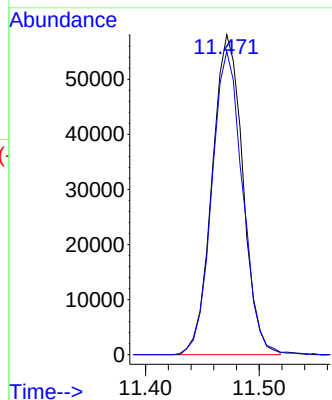
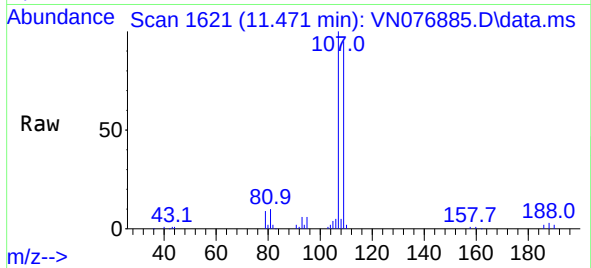




#54  
1,2-Dibromoethane  
Concen: 16.922 ug/l  
RT: 11.471 min Scan# 1621  
Delta R.T. -0.000 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

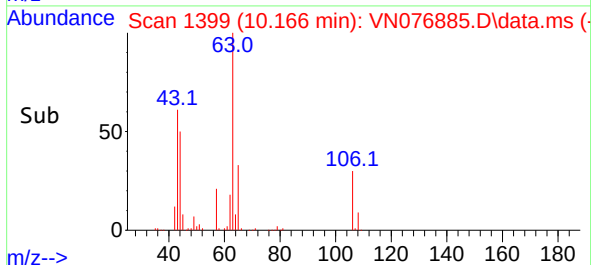
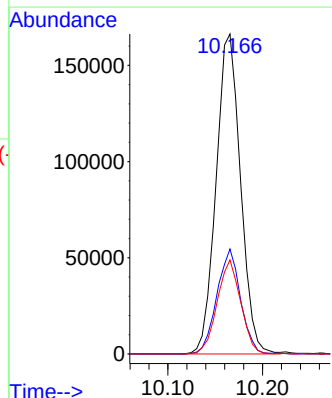
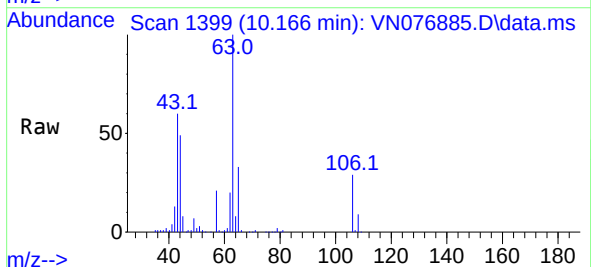
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MSVOA\_N  
ClientSampleId :  
VSTDICCC020

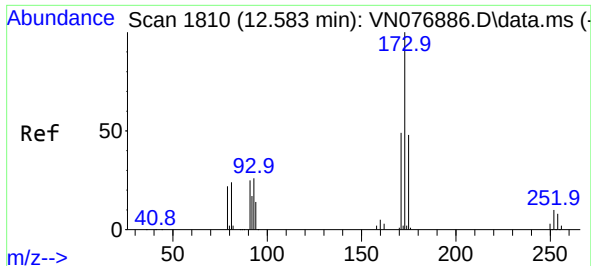
Tgt Ion:107 Resp: 108921  
Ion Ratio Lower Upper  
107 100  
109 94.9 74.6 112.0



#55  
2-Chloroethyl vinyl ether  
Concen: 72.197 ug/l  
RT: 10.166 min Scan# 1399  
Delta R.T. 0.006 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

Tgt Ion: 63 Resp: 297999  
Ion Ratio Lower Upper  
63 100  
65 31.8 26.3 39.5  
106 28.3 21.6 32.4

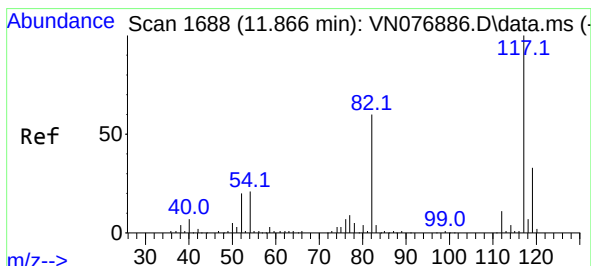
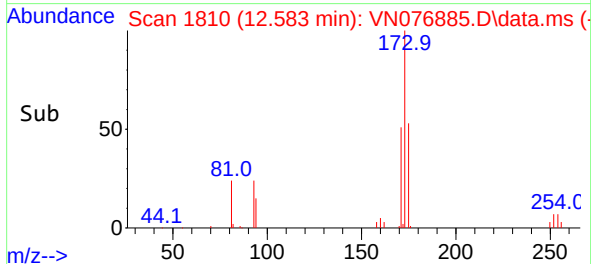
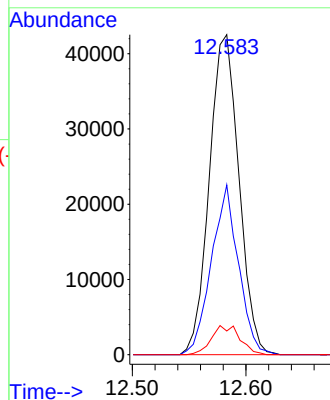
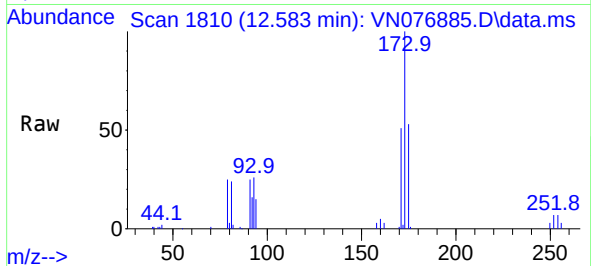




#56  
Bromoform  
Concen: 16.646 ug/l  
RT: 12.583 min Scan# 1810  
Delta R.T. -0.000 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

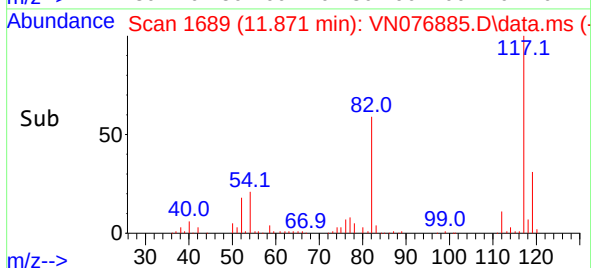
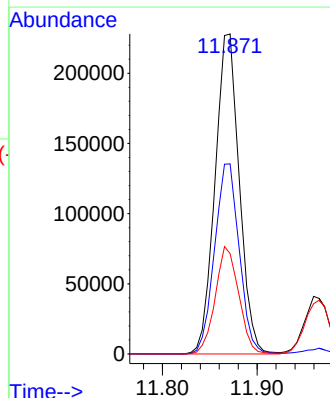
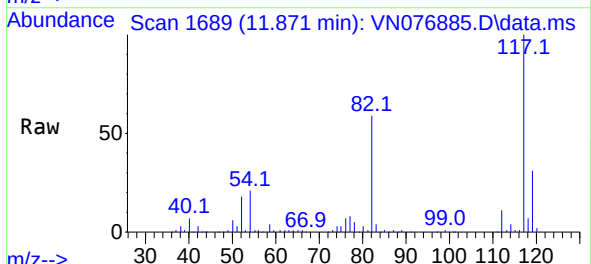
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ClientSampleId :  
VSTDICCC020

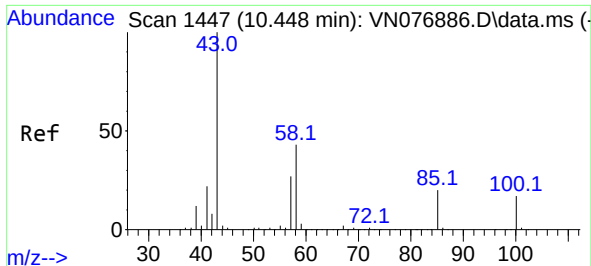
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 77041 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 48.6  | 37.8  | 56.6  |
| 254       | 8.8   | 7.3   | 10.9  |



#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 11.871 min Scan# 1689  
Delta R.T. 0.006 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 407422 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 82        | 60.2  | 45.4  | 68.0   |
| 119       | 32.4  | 26.8  | 40.2   |

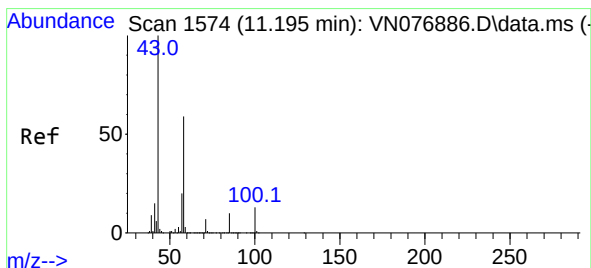
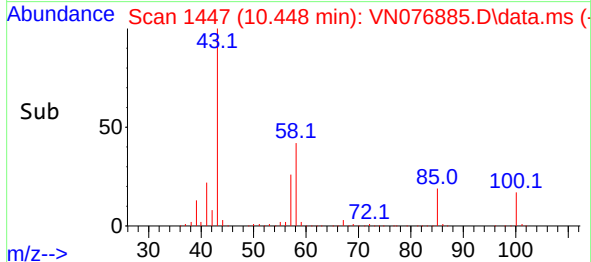
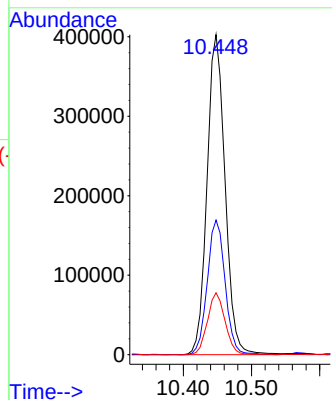
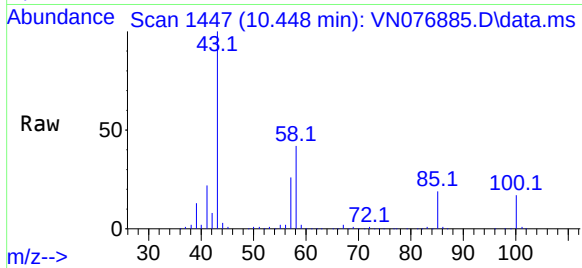




#58  
4-Methyl-2-Pentanone  
Concen: 78.835 ug/l  
RT: 10.448 min Scan# 1447  
Delta R.T. -0.000 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

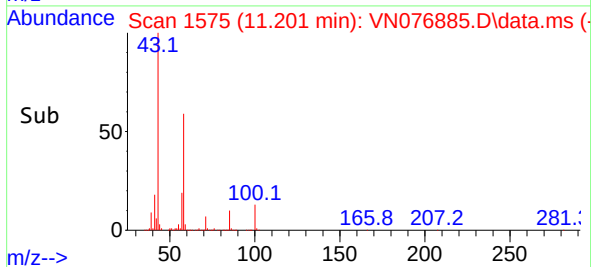
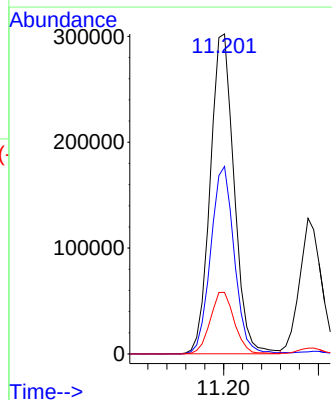
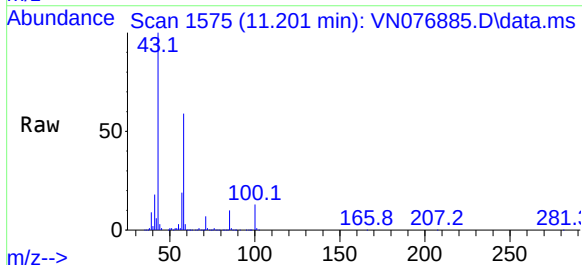
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

Tgt Ion: 43 Resp: 740195  
Ion Ratio Lower Upper  
43 100  
58 41.7 28.6 42.8  
85 19.0 11.8 17.8#

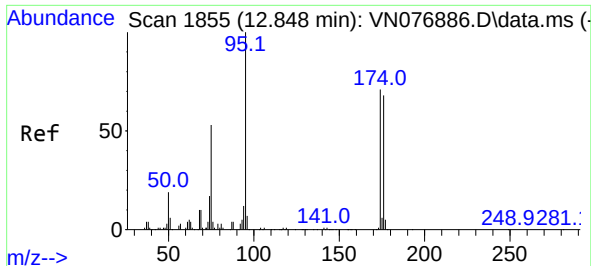


#59  
2-Hexanone  
Concen: 76.230 ug/l  
RT: 11.201 min Scan# 1575  
Delta R.T. 0.006 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

Tgt Ion: 43 Resp: 527401  
Ion Ratio Lower Upper  
43 100  
58 57.9 40.6 60.8  
57 19.6 13.1 19.7



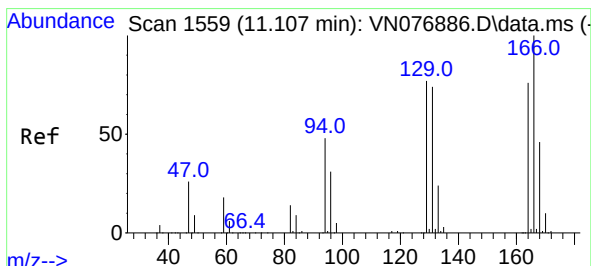
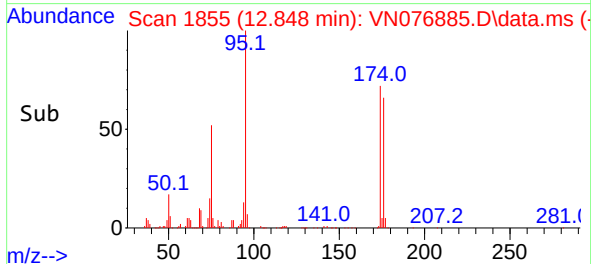
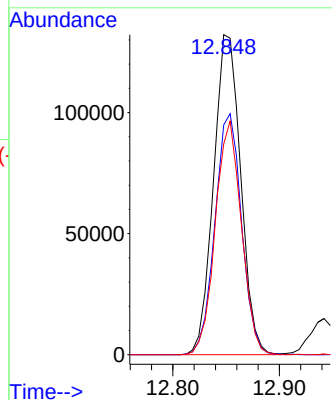
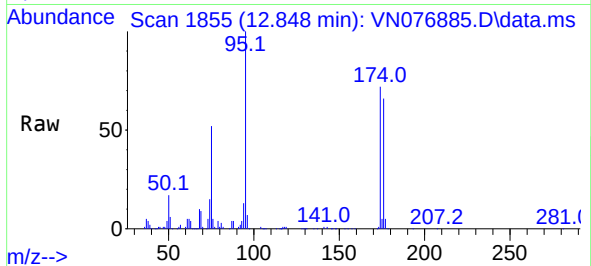




#60  
4-Bromofluorobenzene  
Concen: 32.119 ug/l  
RT: 12.848 min Scan# 1855  
Delta R.T. -0.000 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

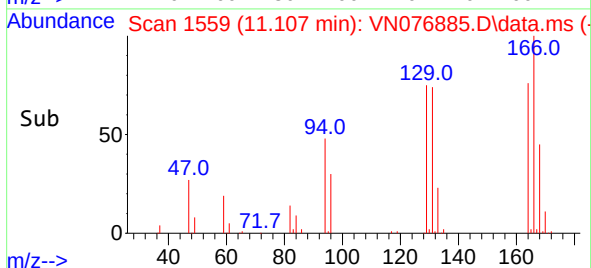
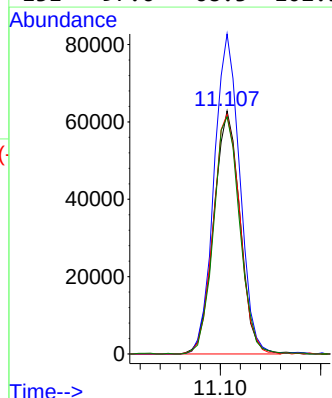
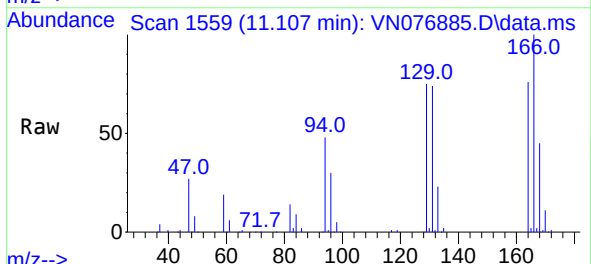
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

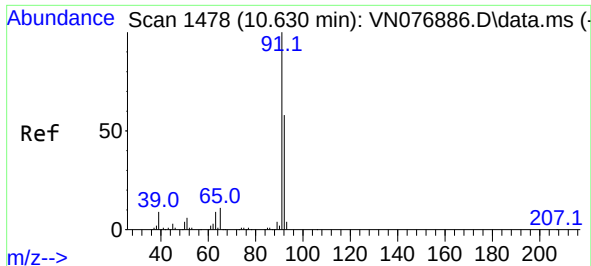
Tgt Ion: 95 Resp: 233652  
Ion Ratio Lower Upper  
95 100  
174 73.9 64.2 96.4  
176 70.2 61.4 92.0



#61  
Tetrachloroethene  
Concen: 21.168 ug/l  
RT: 11.107 min Scan# 1559  
Delta R.T. -0.000 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

Tgt Ion: 164 Resp: 114268  
Ion Ratio Lower Upper  
164 100  
166 131.7 96.2 144.2  
129 98.5 78.2 117.4  
131 97.6 68.3 102.5

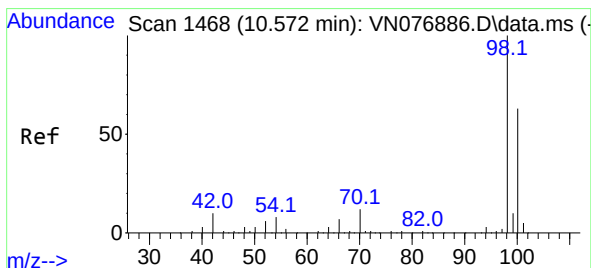
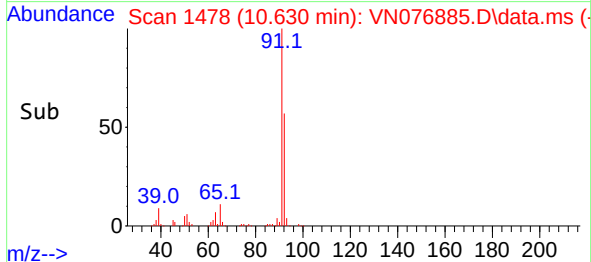
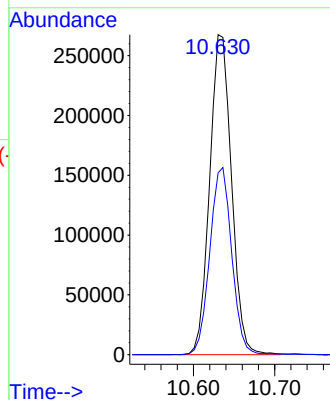
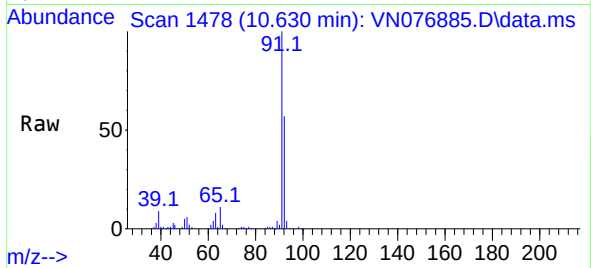




#62  
Toluene  
Concen: 17.625 ug/l  
RT: 10.630 min Scan# 1478  
Delta R.T. -0.000 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

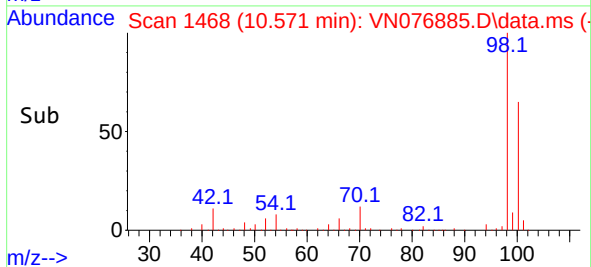
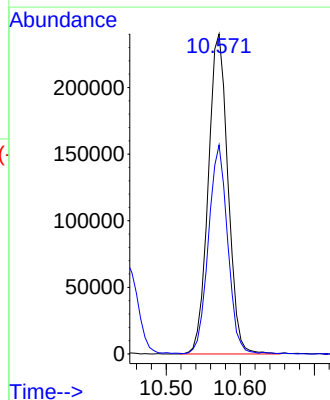
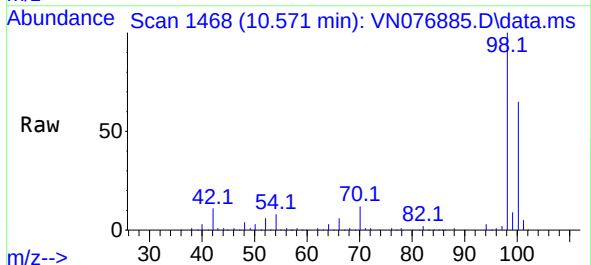
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

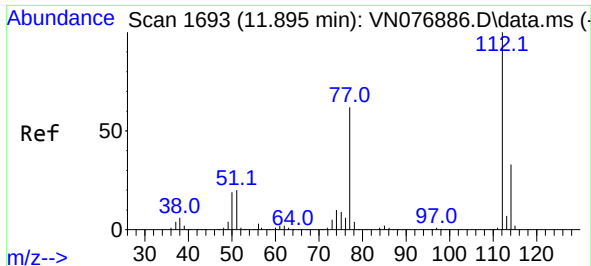
Tgt Ion: 91 Resp: 500143  
Ion Ratio Lower Upper  
91 100  
92 58.6 46.3 69.5



#63  
Toluene-d8  
Concen: 31.049 ug/l  
RT: 10.571 min Scan# 1468  
Delta R.T. -0.000 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

Tgt Ion: 98 Resp: 443277  
Ion Ratio Lower Upper  
98 100  
100 63.6 53.8 80.6

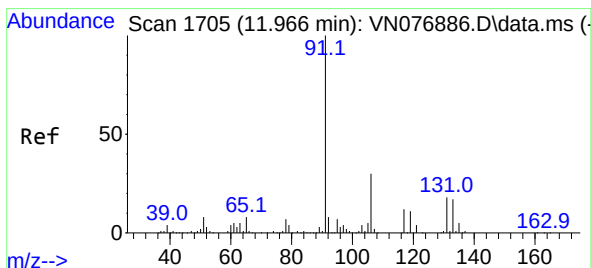
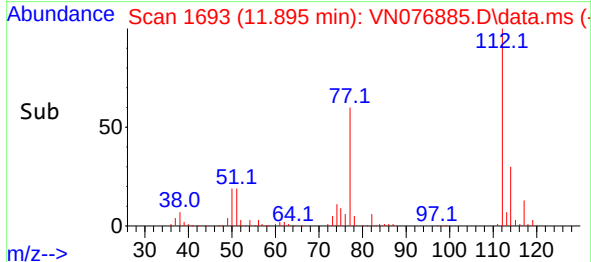
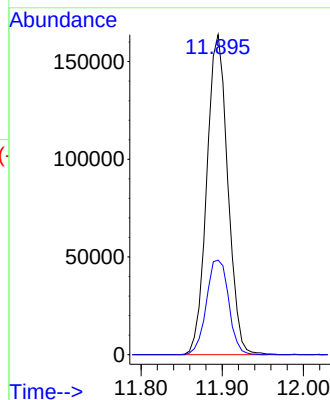
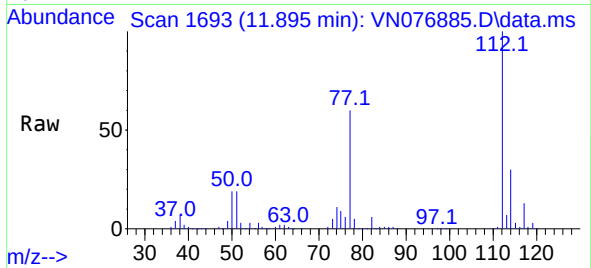




#64  
Chlorobenzene  
Concen: 17.575 ug/l  
RT: 11.895 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

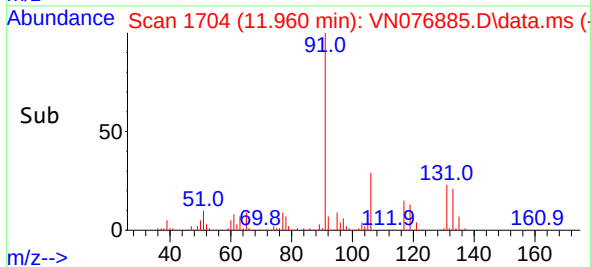
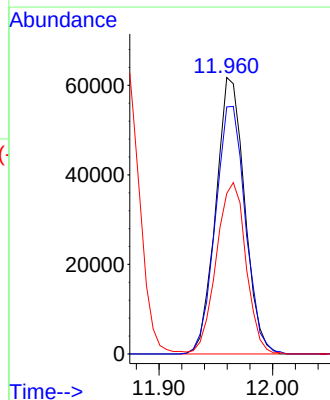
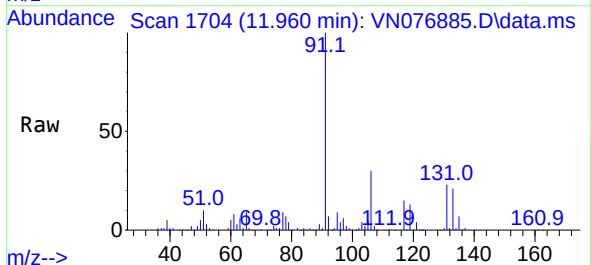
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

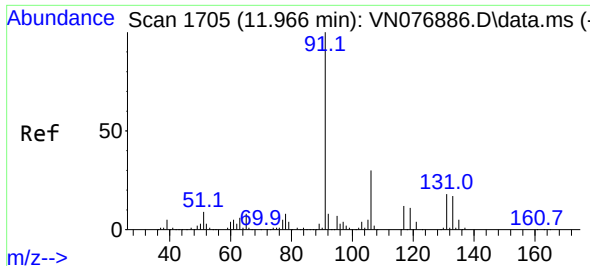
Tgt Ion:112 Resp: 294050  
Ion Ratio Lower Upper  
112 100  
114 29.5 24.5 36.7



#65  
1,1,1,2-Tetrachloroethane  
Concen: 17.629 ug/l  
RT: 11.960 min Scan# 1704  
Delta R.T. -0.006 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

Tgt Ion:131 Resp: 108863  
Ion Ratio Lower Upper  
131 100  
133 93.3 0.0 197.6  
119 63.7 0.0 127.8

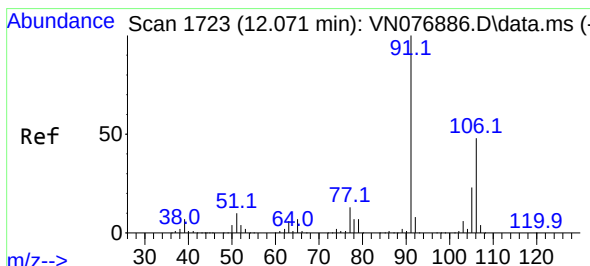
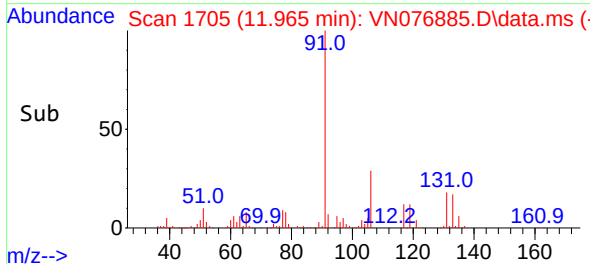
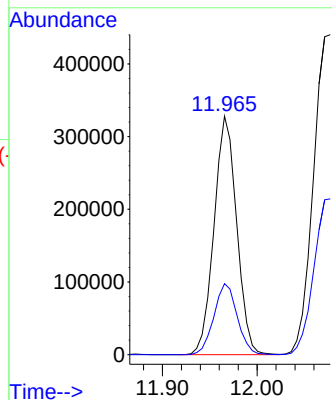
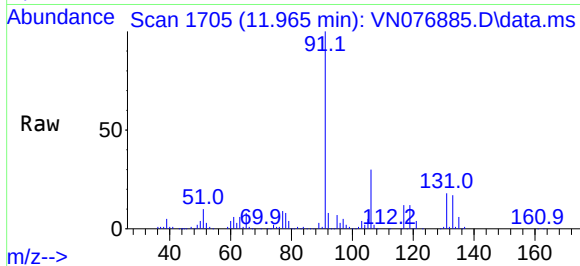




#66  
Ethyl Benzene  
Concen: 18.007 ug/l  
RT: 11.965 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

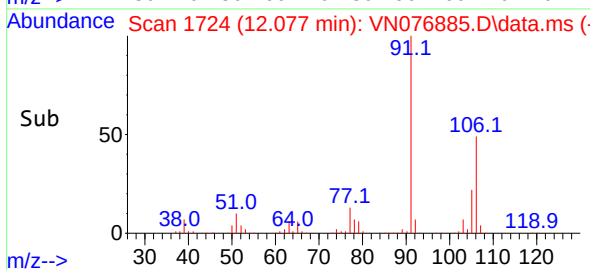
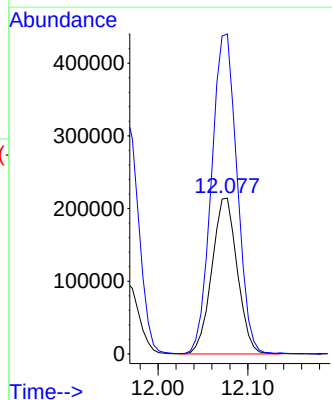
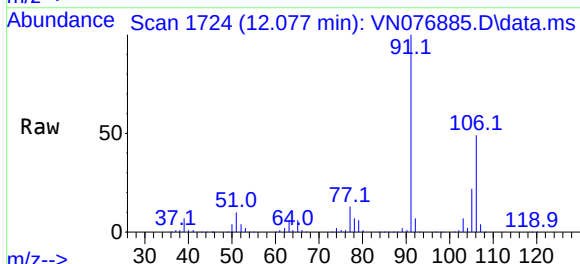
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

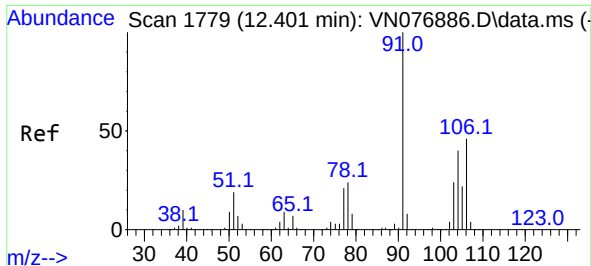
Tgt Ion: 91 Resp: 544990  
Ion Ratio Lower Upper  
91 100  
106 29.8 23.8 35.8



#67  
m/p-Xylenes  
Concen: 36.030 ug/l  
RT: 12.077 min Scan# 1724  
Delta R.T. 0.006 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

Tgt Ion:106 Resp: 421499  
Ion Ratio Lower Upper  
106 100  
91 207.1 157.4 236.2

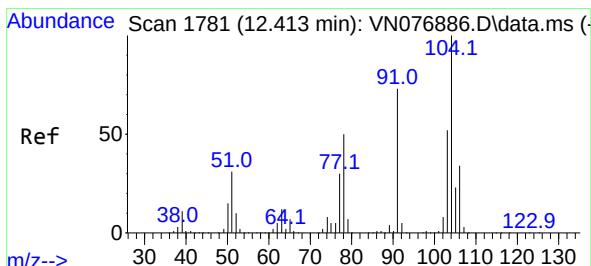
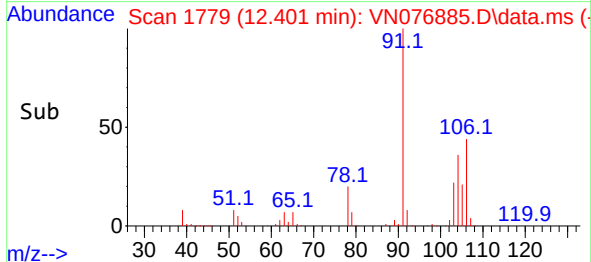
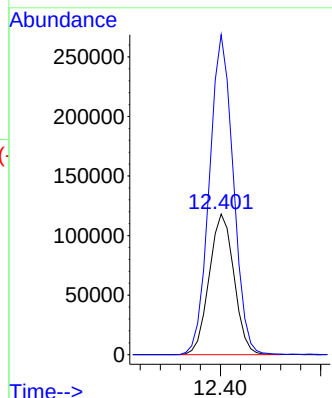
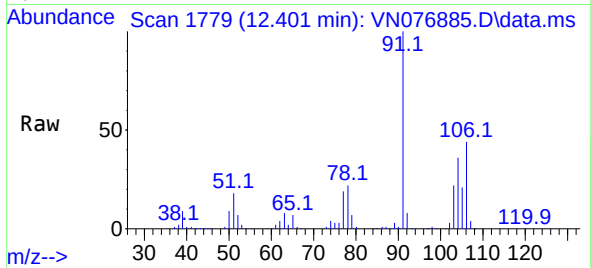




#68  
o-Xylene  
Concen: 17.648 ug/l  
RT: 12.401 min Scan# 1779  
Delta R.T. -0.000 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

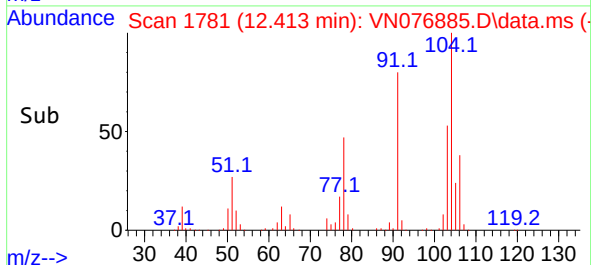
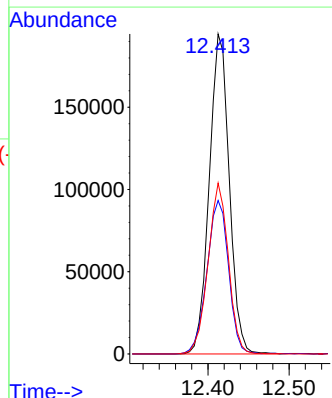
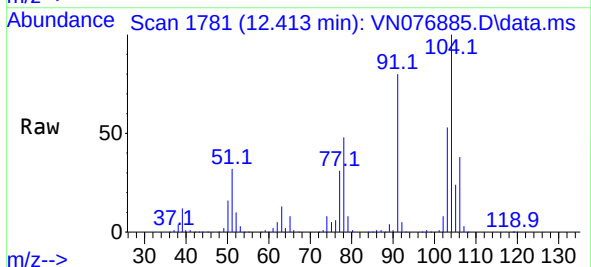
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

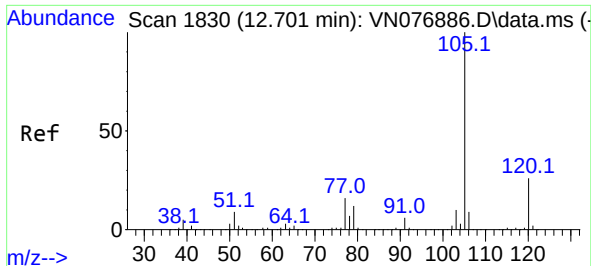
Tgt Ion:106 Resp: 203153  
Ion Ratio Lower Upper  
106 100  
91 219.8 107.2 321.6



#69  
Styrene  
Concen: 18.024 ug/l  
RT: 12.413 min Scan# 1781  
Delta R.T. -0.000 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

Tgt Ion:104 Resp: 333462  
Ion Ratio Lower Upper  
104 100  
78 51.7 39.6 59.4  
103 54.0 43.9 65.9

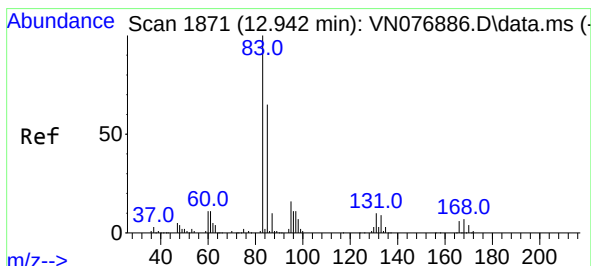
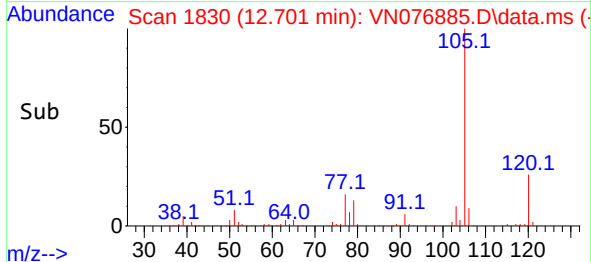
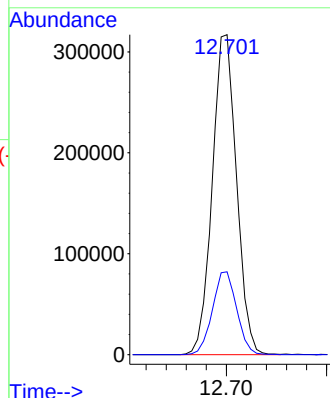
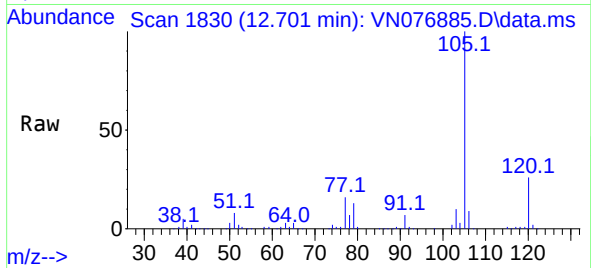




#70  
Isopropylbenzene  
Concen: 18.053 ug/l  
RT: 12.701 min Scan# 1830  
Delta R.T. -0.000 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

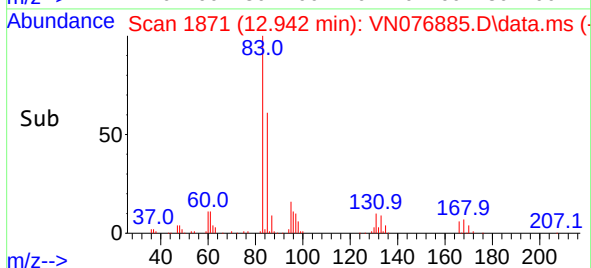
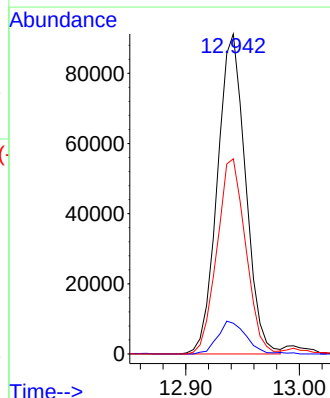
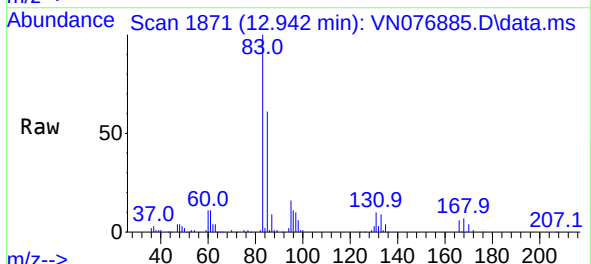
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

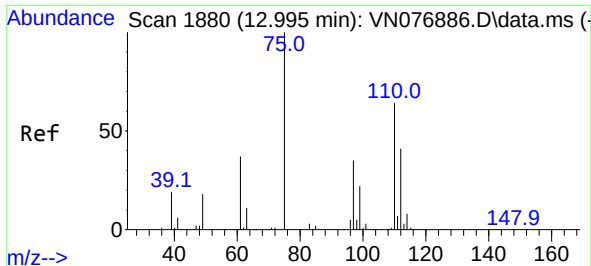
Tgt Ion:105 Resp: 531875  
Ion Ratio Lower Upper  
105 100  
120 25.9 19.0 35.2



#71  
1,1,2,2-Tetrachloroethane  
Concen: 16.593 ug/l  
RT: 12.942 min Scan# 1871  
Delta R.T. -0.000 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

Tgt Ion: 83 Resp: 157009  
Ion Ratio Lower Upper  
83 100  
131 10.2 5.0 14.9  
85 62.1 32.3 96.9

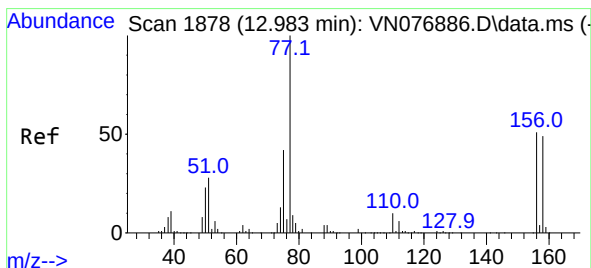
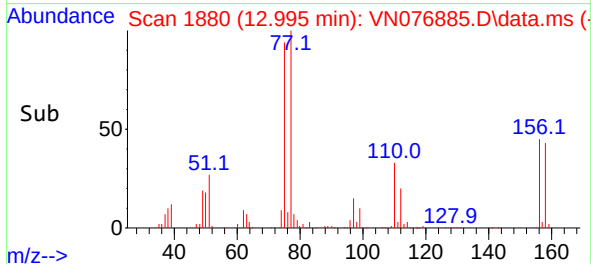
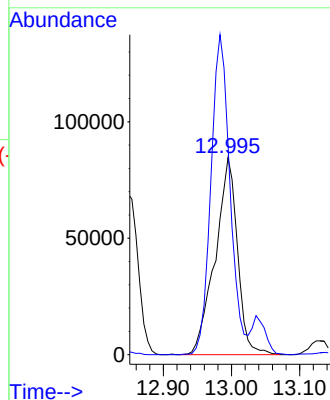
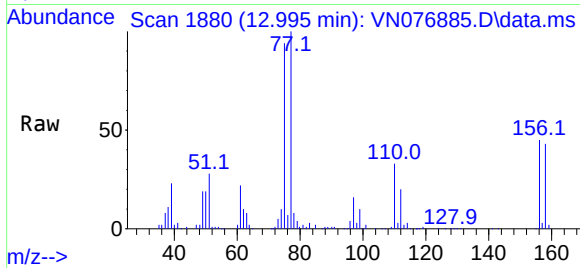




#72  
1,2,3-Trichloropropane  
Concen: 22.672 ug/l  
RT: 12.995 min Scan# 1880  
Delta R.T. -0.000 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

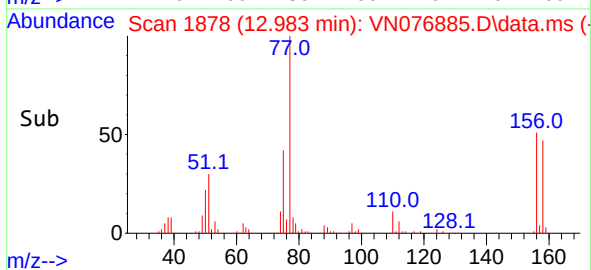
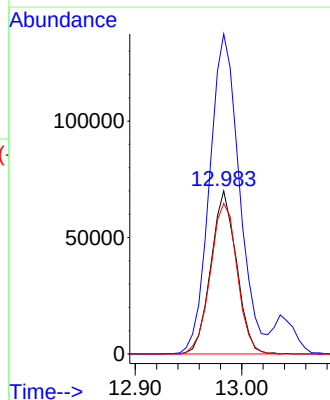
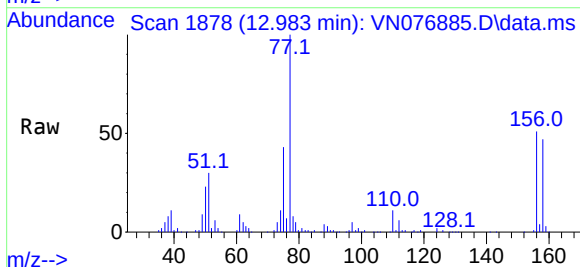
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ClientSampleId :  
VSTDICCC020

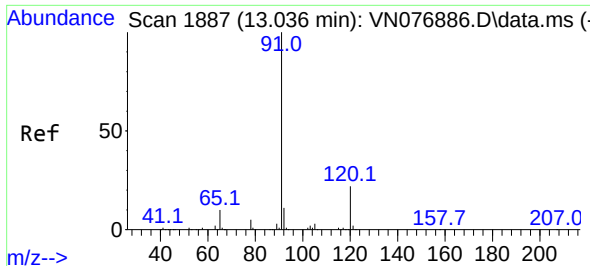
Tgt Ion: 75 Resp: 192794  
Ion Ratio Lower Upper  
75 100  
77 138.4 0.0 332.6



#73  
Bromobenzene  
Concen: 17.240 ug/l  
RT: 12.983 min Scan# 1878  
Delta R.T. -0.000 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

Tgt Ion:156 Resp: 116610  
Ion Ratio Lower Upper  
156 100  
77 228.9 0.0 423.0  
158 97.0 0.0 188.6

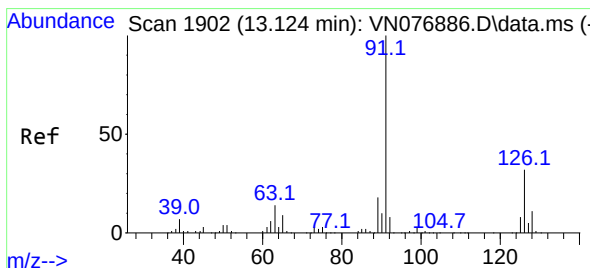
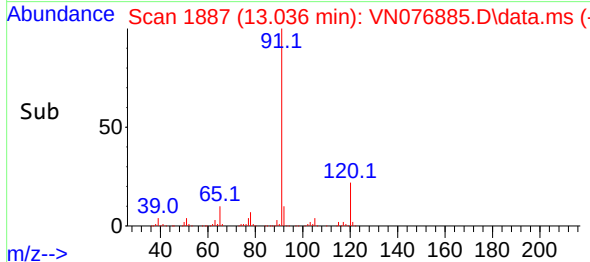
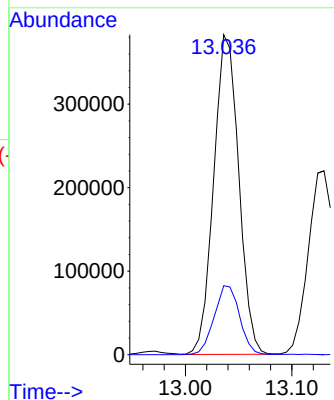
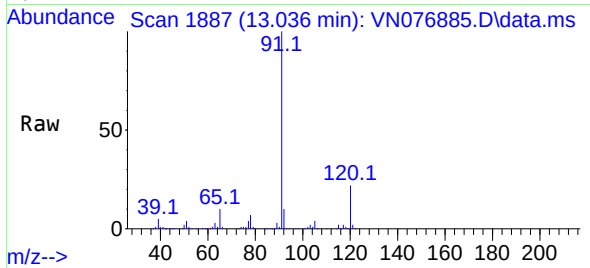




#74  
n-propylbenzene  
Concen: 17.786 ug/l  
RT: 13.036 min Scan# 1887  
Delta R.T. -0.000 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

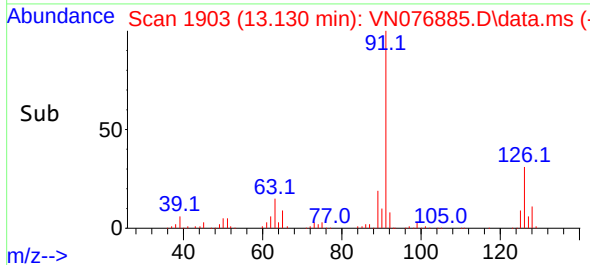
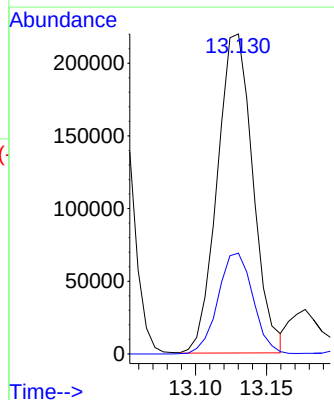
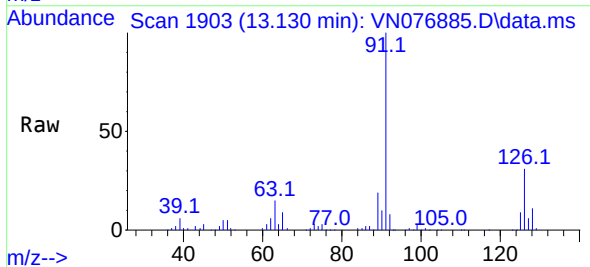
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

Tgt Ion: 91 Resp: 625826  
Ion Ratio Lower Upper  
91 100  
120 21.8 0.0 44.0

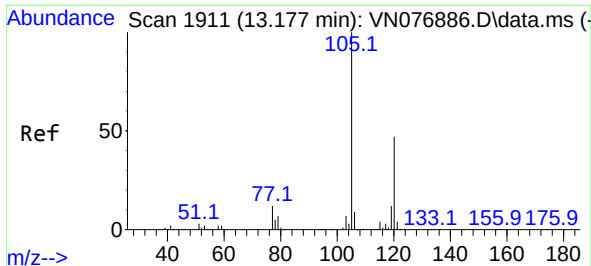


#75  
2-Chlorotoluene  
Concen: 18.216 ug/l  
RT: 13.130 min Scan# 1903  
Delta R.T. 0.006 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

Tgt Ion: 91 Resp: 384021  
Ion Ratio Lower Upper  
91 100  
126 31.0 0.0 66.4



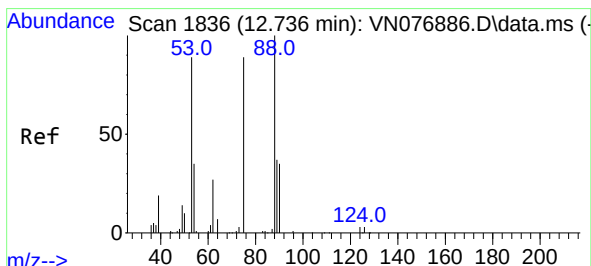
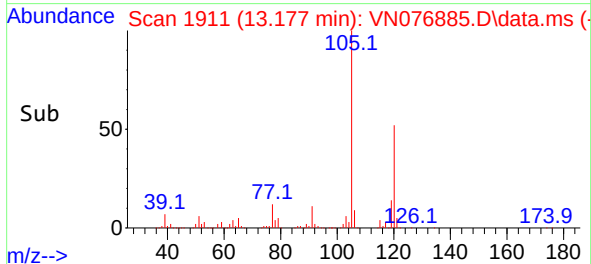
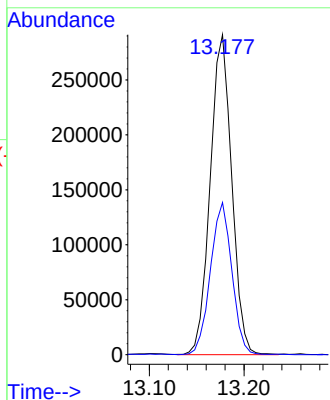
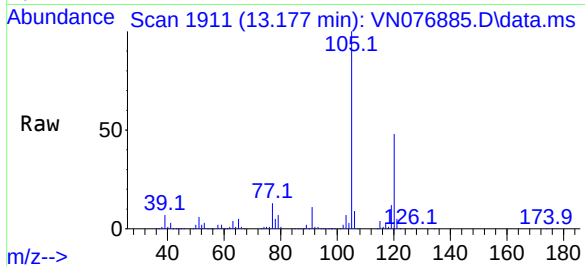




#76  
1,3,5-Trimethylbenzene  
Concen: 18.588 ug/l  
RT: 13.177 min Scan# 1911  
Delta R.T. -0.000 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

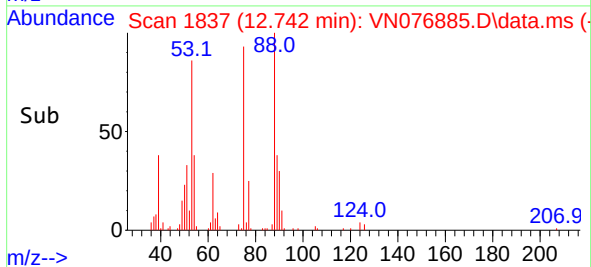
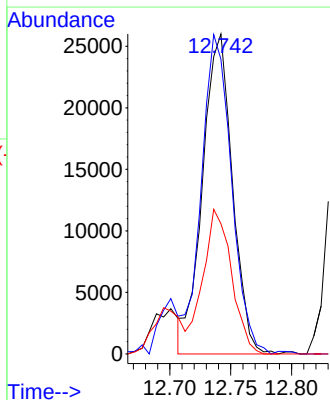
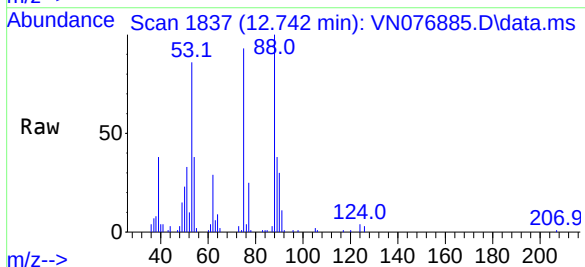
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MSVOA\_N  
ClientSampleId :  
VSTDICCC020

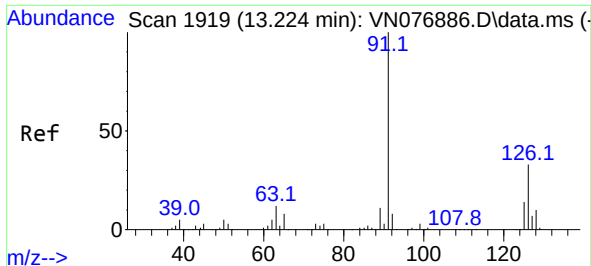
Tgt Ion:105 Resp: 460363  
Ion Ratio Lower Upper  
105 100  
120 47.4 0.0 103.2



#77  
t-1,4-Dichloro-2-butene  
Concen: 16.563 ug/l  
RT: 12.742 min Scan# 1837  
Delta R.T. 0.006 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

Tgt Ion: 75 Resp: 44409  
Ion Ratio Lower Upper  
75 100  
53 91.3 50.4 151.3  
89 40.7 22.1 66.5

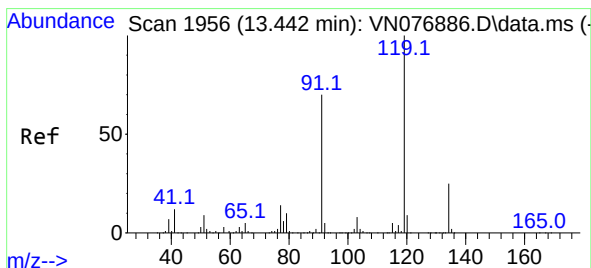
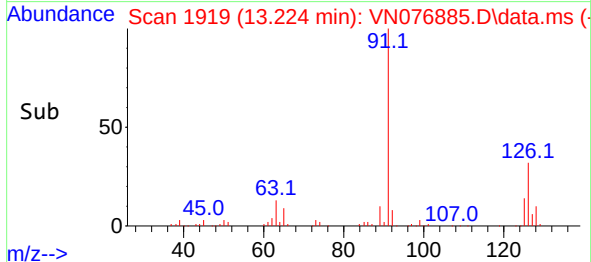
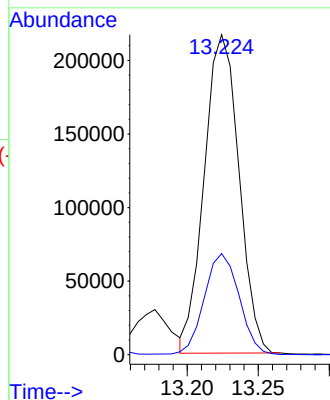
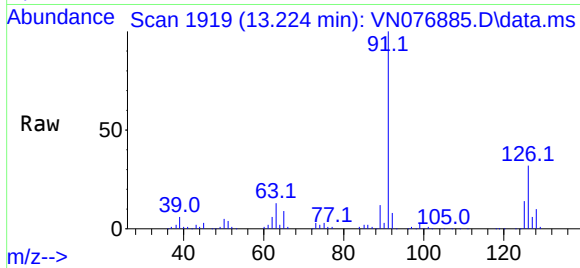




#78  
4-Chlorotoluene  
Concen: 18.227 ug/l  
RT: 13.224 min Scan# 1919  
Delta R.T. -0.000 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

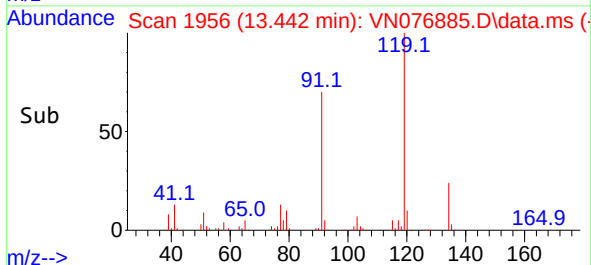
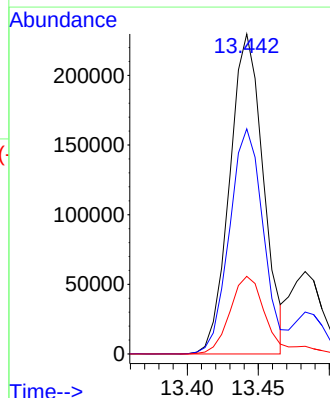
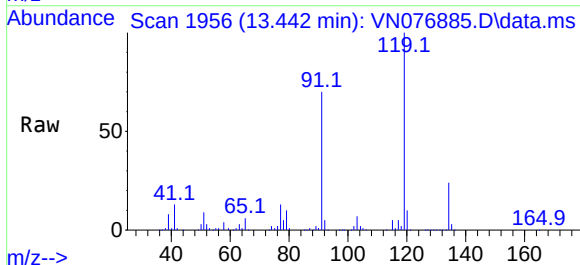
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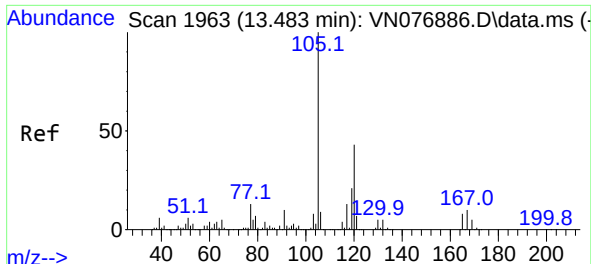
Tgt Ion: 91 Resp: 368035  
Ion Ratio Lower Upper  
91 100  
126 31.9 0.0 70.6



#79  
tert-butylbenzene  
Concen: 17.549 ug/l  
RT: 13.442 min Scan# 1956  
Delta R.T. -0.000 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

Tgt Ion: 119 Resp: 378978  
Ion Ratio Lower Upper  
119 100  
91 71.7 0.0 129.6  
134 24.8 0.0 47.8

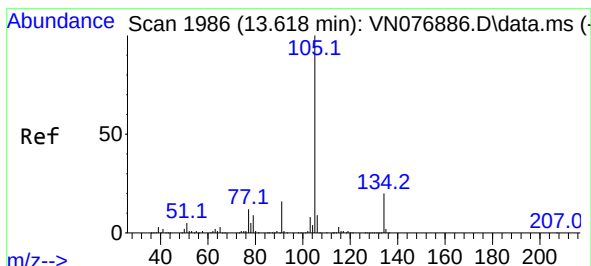
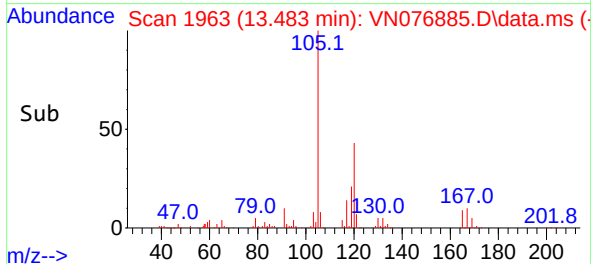
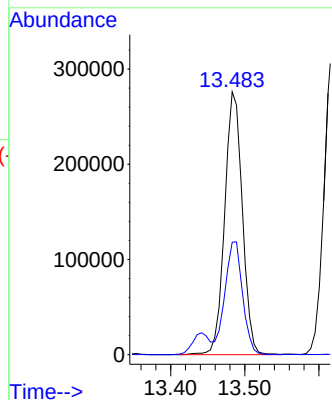
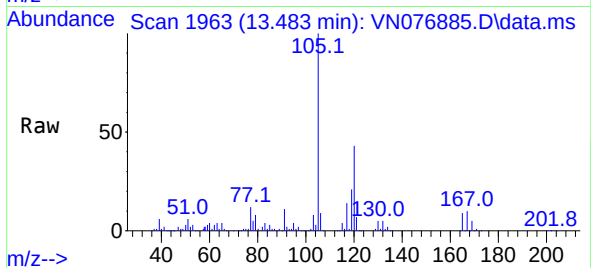




#80  
1,2,4-Trimethylbenzene  
Concen: 18.688 ug/l  
RT: 13.483 min Scan# 1963  
Delta R.T. -0.000 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

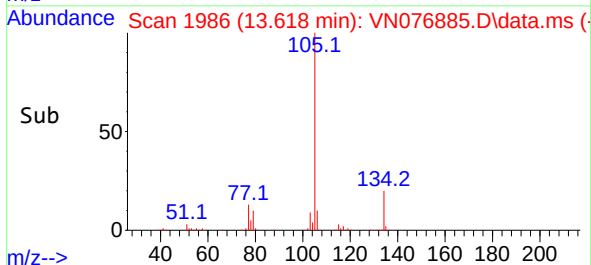
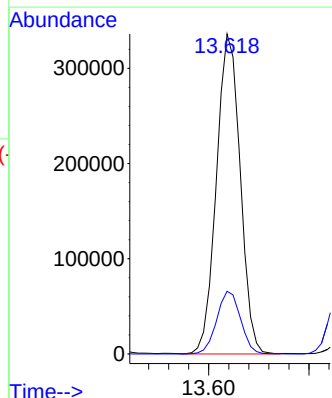
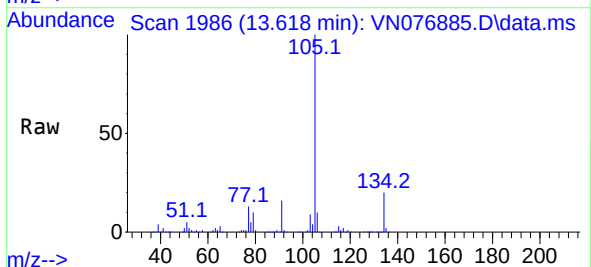
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MSVOA\_N  
ClientSampleId :  
VSTDICCC020

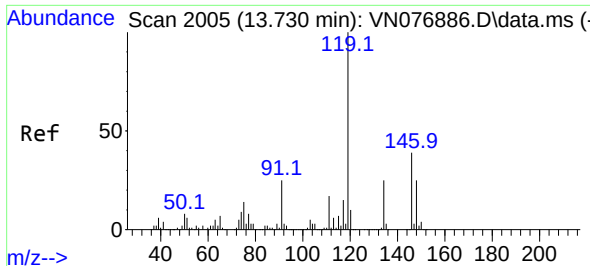
Tgt Ion:105 Resp: 456895  
Ion Ratio Lower Upper  
105 100  
120 43.7 0.0 93.2



#81  
sec-Butylbenzene  
Concen: 17.776 ug/l  
RT: 13.618 min Scan# 1986  
Delta R.T. -0.000 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

Tgt Ion:105 Resp: 552967  
Ion Ratio Lower Upper  
105 100  
134 19.6 0.0 39.4

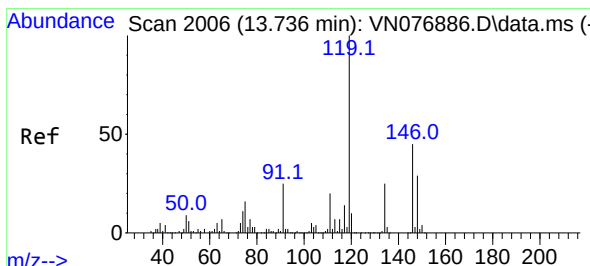
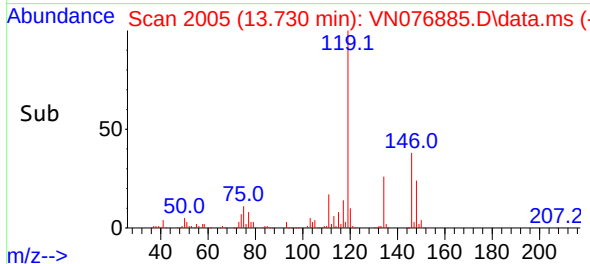
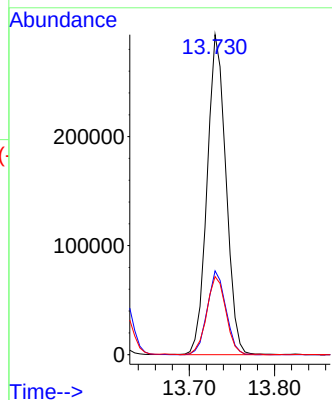
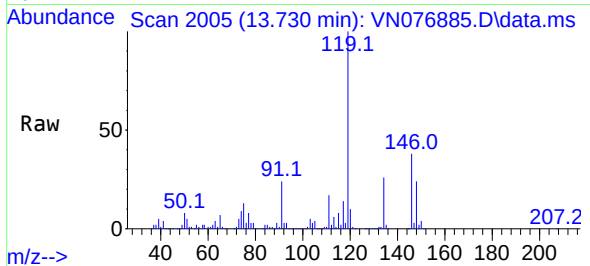




#82  
p-Isopropyltoluene  
Concen: 17.911 ug/l  
RT: 13.730 min Scan# 2005  
Delta R.T. -0.000 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

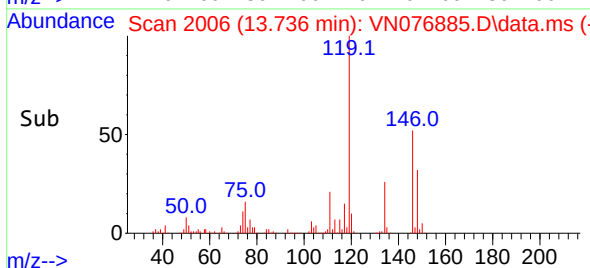
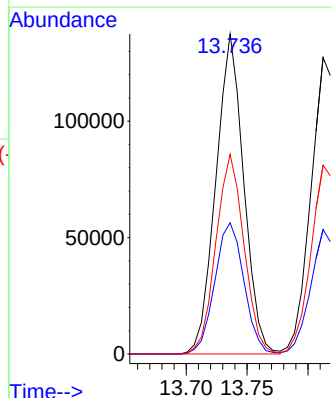
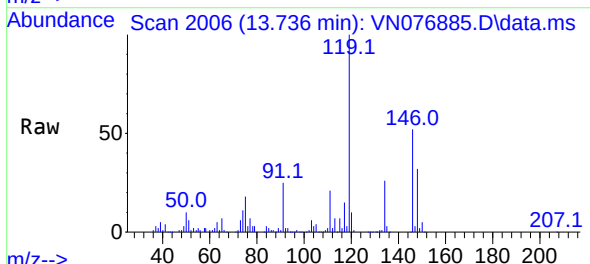
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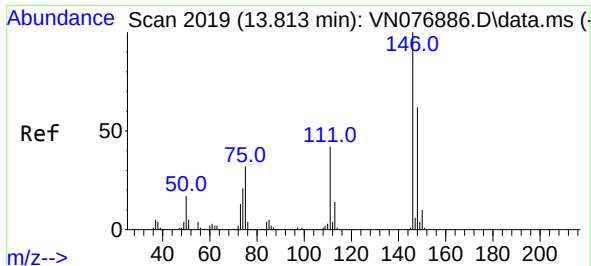
Tgt Ion:119 Resp: 451112  
Ion Ratio Lower Upper  
119 100  
134 25.8 0.0 53.4  
91 24.9 0.0 47.2



#83  
1,3-Dichlorobenzene  
Concen: 17.041 ug/l  
RT: 13.736 min Scan# 2006  
Delta R.T. -0.000 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

Tgt Ion:146 Resp: 218958  
Ion Ratio Lower Upper  
146 100  
111 43.0 20.3 60.8  
148 62.8 31.9 95.5

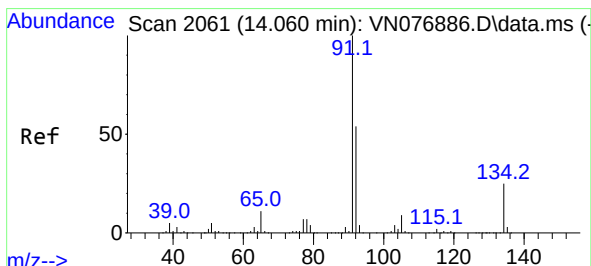
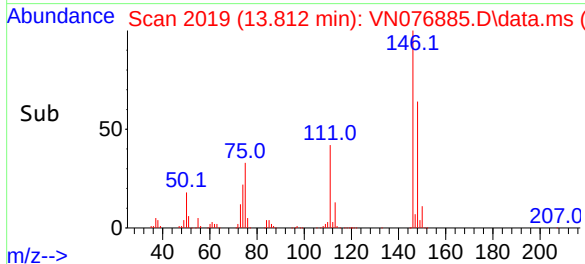
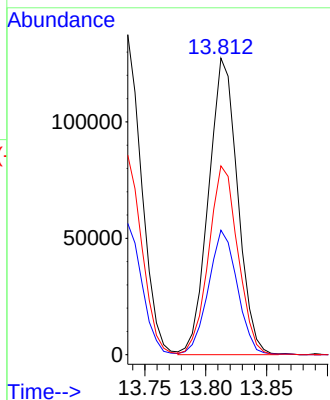
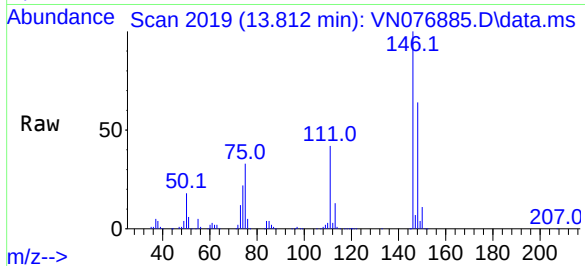




#84  
1,4-Dichlorobenzene  
Concen: 16.807 ug/l  
RT: 13.812 min Scan# 2019  
Delta R.T. -0.000 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

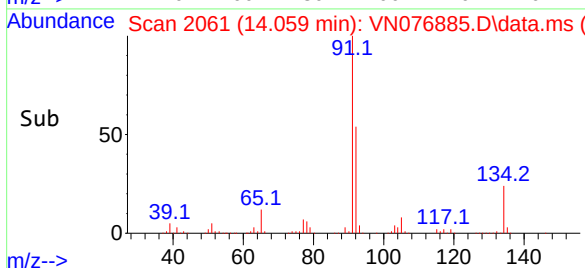
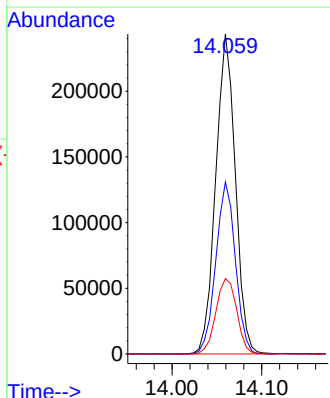
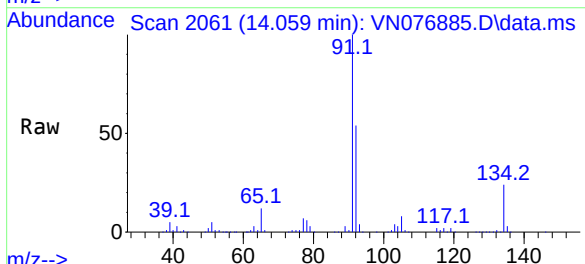
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ClientSampleId :  
VSTDICCC020

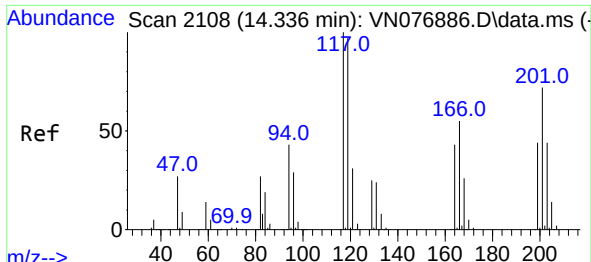
Tgt Ion:146 Resp: 211705  
Ion Ratio Lower Upper  
146 100  
111 41.4 18.2 54.6  
148 64.2 31.1 93.2



#85  
n-Butylbenzene  
Concen: 17.269 ug/l  
RT: 14.059 min Scan# 2061  
Delta R.T. -0.000 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

Tgt Ion: 91 Resp: 370181  
Ion Ratio Lower Upper  
91 100  
92 53.4 0.0 103.2  
134 25.0 0.0 50.0

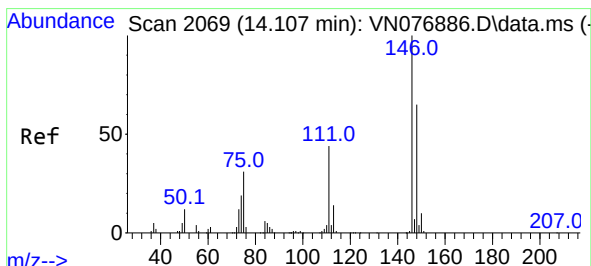
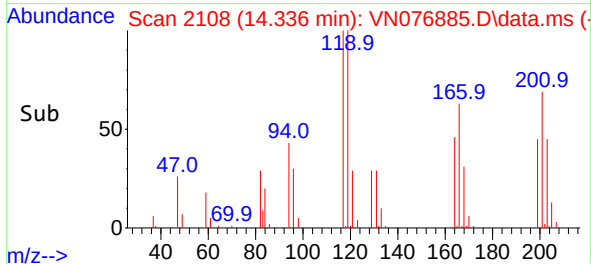
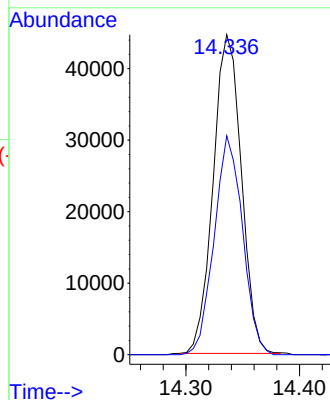
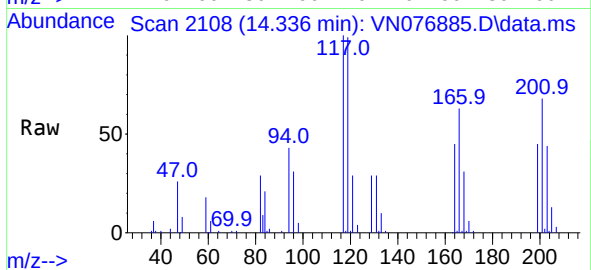




#86  
Hexachloroethane  
Concen: 16.009 ug/l  
RT: 14.336 min Scan# 2108  
Delta R.T. -0.000 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

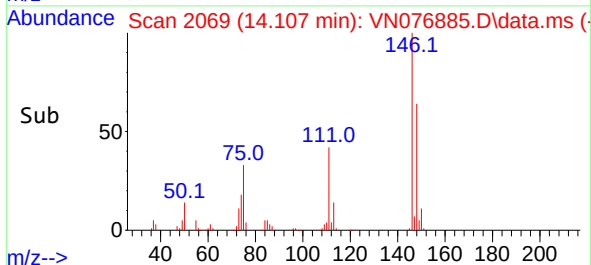
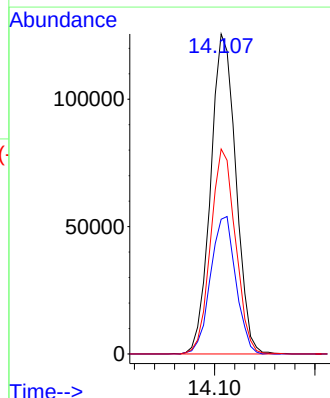
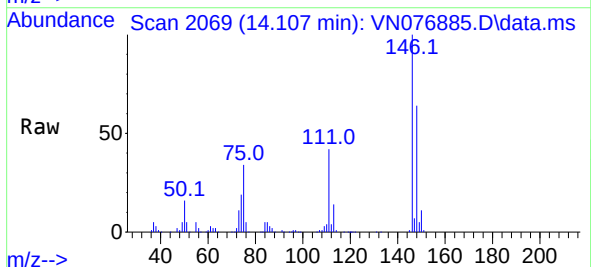
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ClientSampleId :  
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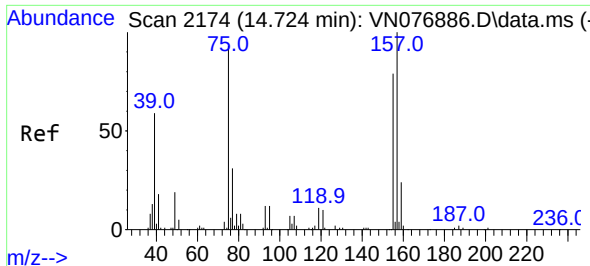
Tgt Ion:117 Resp: 76958  
Ion Ratio Lower Upper  
117 100  
201 68.9 32.2 96.6



#87  
1,2-Dichlorobenzene  
Concen: 17.111 ug/l  
RT: 14.107 min Scan# 2069  
Delta R.T. -0.000 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

Tgt Ion:146 Resp: 219924  
Ion Ratio Lower Upper  
146 100  
111 43.1 20.5 61.6  
148 63.1 32.5 97.5

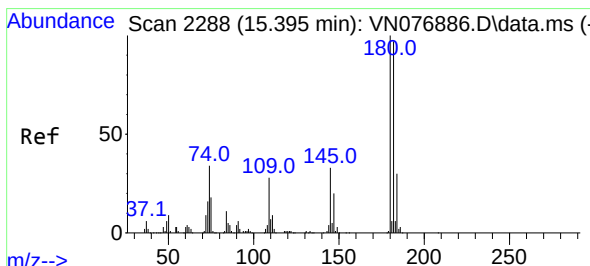
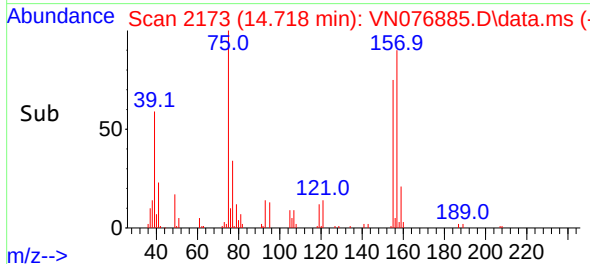
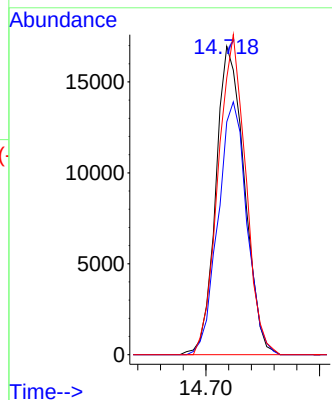
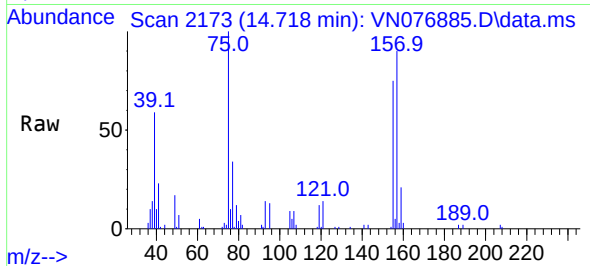




#88  
 1,2-Dibromo-3-Chloropropane  
 Concen: 16.512 ug/l  
 RT: 14.718 min Scan# 2173  
 Delta R.T. -0.006 min  
 Lab File: VN076885.D  
 Acq: 08 Mar 2023 18:47

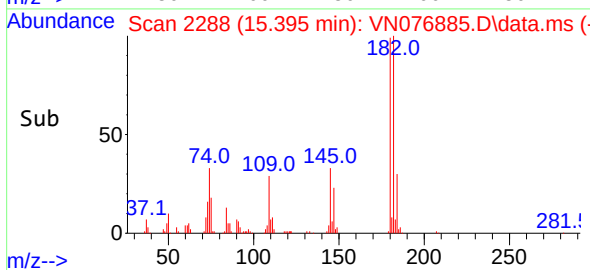
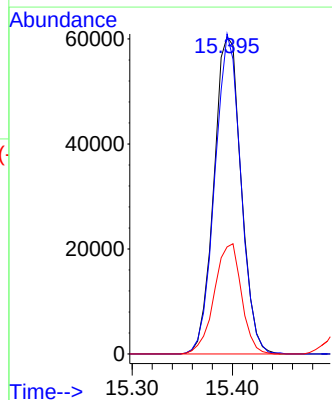
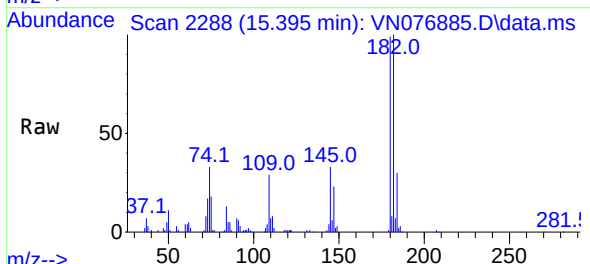
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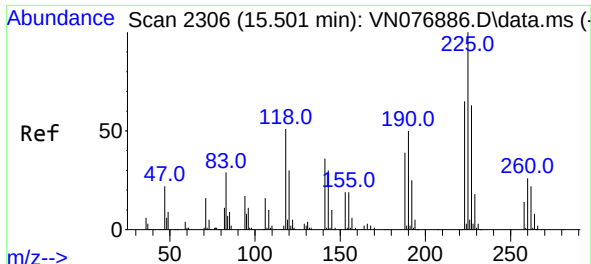
Tgt Ion: 75 Resp: 29568  
 Ion Ratio Lower Upper  
 75 100  
 155 82.8 62.5 93.7  
 157 100.4 77.5 116.3



#89  
 1,2,4-Trichlorobenzene  
 Concen: 17.124 ug/l  
 RT: 15.395 min Scan# 2288  
 Delta R.T. -0.000 min  
 Lab File: VN076885.D  
 Acq: 08 Mar 2023 18:47

Tgt Ion: 180 Resp: 113685  
 Ion Ratio Lower Upper  
 180 100  
 182 96.3 76.6 115.0  
 145 34.8 24.6 36.8

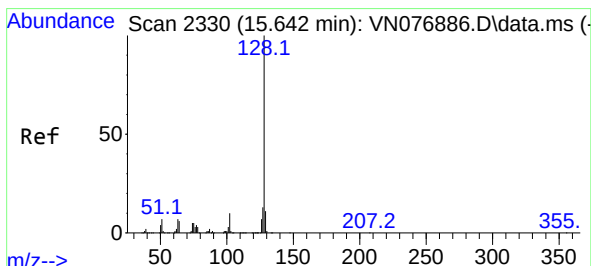
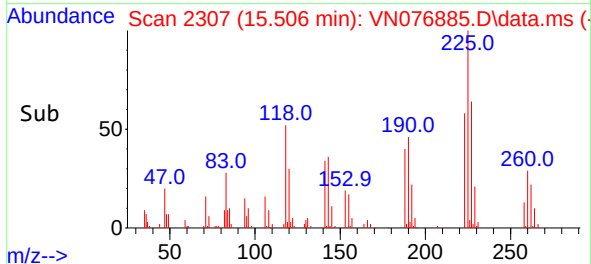
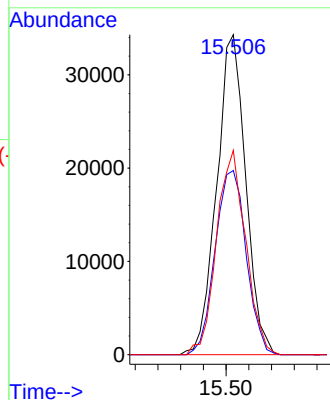
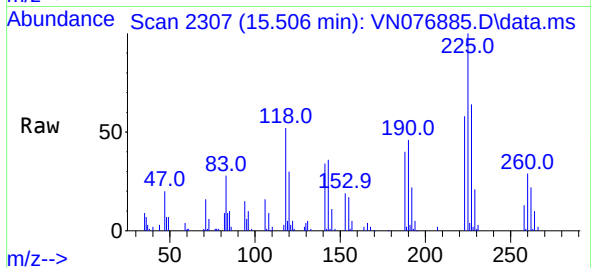




#90  
Hexachlorobutadiene  
Concen: 18.738 ug/l  
RT: 15.506 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

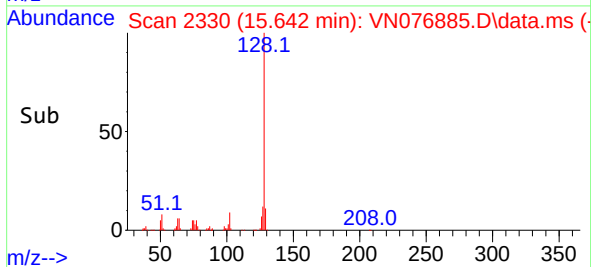
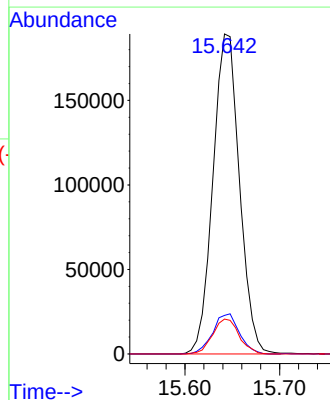
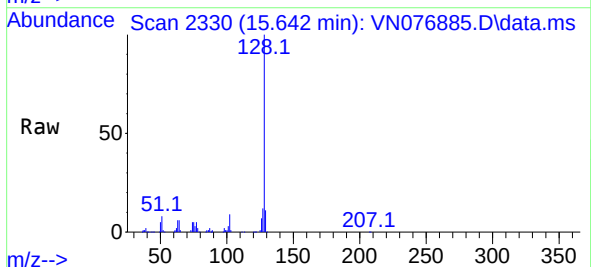
Instrument :  
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Tgt Ion:225 Resp: 60749  
Ion Ratio Lower Upper  
225 100  
223 61.7 0.0 135.4  
227 64.2 0.0 129.4

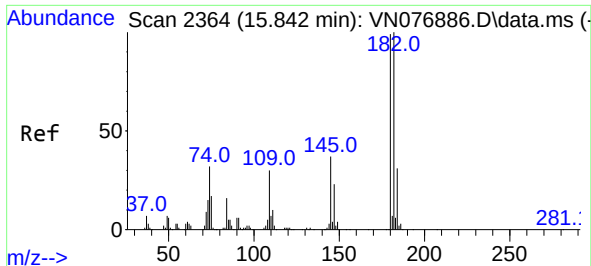


#91  
Naphthalene  
Concen: 17.290 ug/l  
RT: 15.642 min Scan# 2330  
Delta R.T. -0.000 min  
Lab File: VN076885.D  
Acq: 08 Mar 2023 18:47

Tgt Ion:128 Resp: 368049  
Ion Ratio Lower Upper  
128 100  
127 12.6 11.0 16.6  
129 10.9 8.9 13.3







#92  
 1,2,3-Trichlorobenzene  
 Concen: 17.385 ug/l  
 RT: 15.842 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VN076885.D  
 Acq: 08 Mar 2023 18:47

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC020

Tgt Ion:180 Resp: 117367  
 Ion Ratio Lower Upper  
 180 100  
 182 93.0 0.0 190.8  
 145 35.1 0.0 65.0

