

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN011723\  
 Data File : VN076273.D  
 Acq On : 17 Jan 2023 12:14  
 Operator : JC\MD  
 Sample : VN0117WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0117WBS01

Quant Time: Jan 18 00:51:20 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011623W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 17 03:59:22 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.230  | 168  | 358543   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.106  | 114  | 576098   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 510453   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 236667   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.583  | 65    | 207704   | 51.738   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 103.480% |      |
| 35) Dibromofluoromethane    | 8.171  | 113   | 184958   | 51.324   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 102.640% |      |
| 50) Toluene-d8              | 10.571 | 98    | 685985   | 51.543   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 103.080% |      |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 226828   | 52.207   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 104.420% |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.142 | 85  | 67860  | 18.469  | ug/l   | 95  |
| 3) Chloromethane             | 2.377 | 50  | 69459  | 18.259  | ug/l   | 94  |
| 4) Vinyl Chloride            | 2.530 | 62  | 81557  | 17.484  | ug/l   | 98  |
| 5) Bromomethane              | 2.965 | 94  | 75374  | 19.732  | ug/l   | 97  |
| 6) Chloroethane              | 3.130 | 64  | 72581  | 20.751  | ug/l   | 98  |
| 7) Trichlorofluoromethane    | 3.512 | 101 | 115568 | 18.009  | ug/l   | 98  |
| 8) Diethyl Ether             | 3.971 | 74  | 40954  | 19.027  | ug/l   | 96  |
| 9) 1,1,2-Trichlorotrifluo... | 4.389 | 101 | 64413  | 17.730  | ug/l   | 98  |
| 10) Methyl Iodide            | 4.606 | 142 | 97580  | 17.585  | ug/l   | 98  |
| 11) Tert butyl alcohol       | 5.536 | 59  | 47477  | 88.416  | ug/l # | 82  |
| 12) 1,1-Dichloroethene       | 4.353 | 96  | 60819  | 17.710  | ug/l   | 97  |
| 13) Acrolein                 | 4.201 | 56  | 60596  | 94.362  | ug/l   | 100 |
| 14) Allyl chloride           | 5.042 | 41  | 78281  | 19.560  | ug/l   | 91  |
| 15) Acrylonitrile            | 5.736 | 53  | 142549 | 93.288  | ug/l   | 99  |
| 16) Acetone                  | 4.442 | 43  | 137454 | 106.765 | ug/l   | 99  |
| 17) Carbon Disulfide         | 4.724 | 76  | 144623 | 16.913  | ug/l   | 99  |
| 18) Methyl Acetate           | 5.048 | 43  | 76932  | 17.639  | ug/l   | 98  |
| 19) Methyl tert-butyl Ether  | 5.806 | 73  | 210432 | 18.822  | ug/l   | 97  |
| 20) Methylene Chloride       | 5.289 | 84  | 71013  | 18.265  | ug/l   | 93  |
| 21) trans-1,2-Dichloroethene | 5.800 | 96  | 65545  | 17.618  | ug/l   | 98  |
| 22) Diisopropyl ether        | 6.683 | 45  | 176248 | 18.675  | ug/l   | 99  |
| 23) Vinyl Acetate            | 6.612 | 43  | 579735 | 95.045  | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 6.583 | 63  | 115555 | 18.368  | ug/l   | 95  |
| 25) 2-Butanone               | 7.489 | 43  | 186859 | 95.067  | ug/l   | 96  |
| 26) 2,2-Dichloropropane      | 7.500 | 77  | 97754  | 18.437  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 7.494 | 96  | 78039  | 17.985  | ug/l   | 99  |
| 28) Bromochloromethane       | 7.824 | 49  | 48626  | 19.070  | ug/l   | 98  |
| 29) Tetrahydrofuran          | 7.847 | 42  | 116740 | 96.232  | ug/l   | 100 |
| 30) Chloroform               | 7.971 | 83  | 127567 | 18.326  | ug/l   | 99  |
| 31) Cyclohexane              | 8.265 | 56  | 101930 | 16.528  | ug/l   | 95  |
| 32) 1,1,1-Trichloroethane    | 8.177 | 97  | 117360 | 18.466  | ug/l   | 90  |
| 36) 1,1-Dichloropropene      | 8.377 | 75  | 90656  | 17.703  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.571 | 43  | 75810  | 18.480  | ug/l   | 99  |
| 38) Carbon Tetrachloride     | 8.365 | 117 | 102385 | 17.929  | ug/l   | 98  |
| 39) Methylcyclohexane        | 9.606 | 83  | 114351 | 18.286  | ug/l   | 96  |
| 40) Benzene                  | 8.612 | 78  | 278770 | 18.206  | ug/l   | 100 |

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 Sample : VN0117WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0117WBS01

Quant Time: Jan 18 00:51:20 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011623W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 17 03:59:22 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.789  | 41   | 38181    | 17.754  | ug/l   | 92       |
| 42) 1,2-Dichloroethane        | 8.677  | 62   | 94415    | 18.022  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.694  | 43   | 126086   | 18.870  | ug/l   | 98       |
| 44) Trichloroethene           | 9.359  | 130  | 77063    | 17.794  | ug/l   | 94       |
| 45) 1,2-Dichloropropane       | 9.624  | 63   | 65269    | 17.804  | ug/l   | 98       |
| 46) Dibromomethane            | 9.712  | 93   | 50026    | 18.074  | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.888  | 83   | 97570    | 18.175  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.683  | 41   | 57339    | 18.126  | ug/l   | 99       |
| 49) 1,4-Dioxane               | 9.700  | 88   | 24727    | 370.455 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 378417   | 96.473  | ug/l   | 99       |
| 52) Toluene                   | 10.635 | 92   | 181054   | 17.682  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 96099    | 18.778  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 106671   | 18.118  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 72086    | 18.418  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.877 | 69   | 98667    | 19.526  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 117754   | 18.513  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 10.165 | 63   | 162849   | 95.464  | ug/l   | 99       |
| 59) 2-Hexanone                | 11.200 | 43   | 278205   | 97.874  | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.359 | 129  | 78814    | 19.129  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 72976    | 18.679  | ug/l   | 99       |
| 64) Tetrachloroethene         | 11.106 | 164  | 75362    | 16.371  | ug/l   | 93       |
| 65) Chlorobenzene             | 11.894 | 112  | 191878   | 17.782  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 73701    | 18.358  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.965 | 91   | 343961   | 18.625  | ug/l   | 99       |
| 68) m/p-Xylenes               | 12.076 | 106  | 269580   | 36.404  | ug/l   | 100      |
| 69) o-Xylene                  | 12.400 | 106  | 136027   | 18.705  | ug/l   | 100      |
| 70) Styrene                   | 12.412 | 104  | 212348   | 18.288  | ug/l   | 99       |
| 71) Bromoform                 | 12.582 | 173  | 54677    | 18.859  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.700 | 105  | 344784   | 18.832  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.494 | 43   | 102522   | 19.467  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 99503    | 18.905  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 88279m   | 19.905  | ug/l   |          |
| 77) Bromobenzene              | 12.982 | 156  | 83290    | 19.111  | ug/l   | 98       |
| 78) n-propylbenzene           | 13.035 | 91   | 379650   | 18.378  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 234527   | 18.501  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 291991   | 19.037  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.741 | 75   | 25683    | 18.056  | ug/l   | 94       |
| 82) 4-Chlorotoluene           | 13.129 | 91   | 234527   | 18.501  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 253271   | 18.566  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 288214   | 18.739  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.618 | 105  | 353658   | 18.683  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 294198   | 18.900  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 153019   | 17.732  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 146859   | 17.955  | ug/l   | 99       |
| 89) n-Butylbenzene            | 14.059 | 91   | 223378   | 18.078  | ug/l   | 100      |
| 90) Hexachloroethane          | 14.335 | 117  | 50676    | 18.863  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 150193   | 17.475  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 17141    | 18.736  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 67475    | 17.128  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.506 | 225  | 39379    | 17.265  | ug/l   | 98       |
| 95) Naphthalene               | 15.647 | 128  | 197146   | 17.282  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.847 | 180  | 66896    | 17.663  | ug/l   | 100      |

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ALS Vial : 5 Sample Multiplier: 1

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MSVOA\_N  
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Quant Title : SW846 8260  
QLast Update : Tue Jan 17 03:59:22 2023  
Response via : Initial Calibration

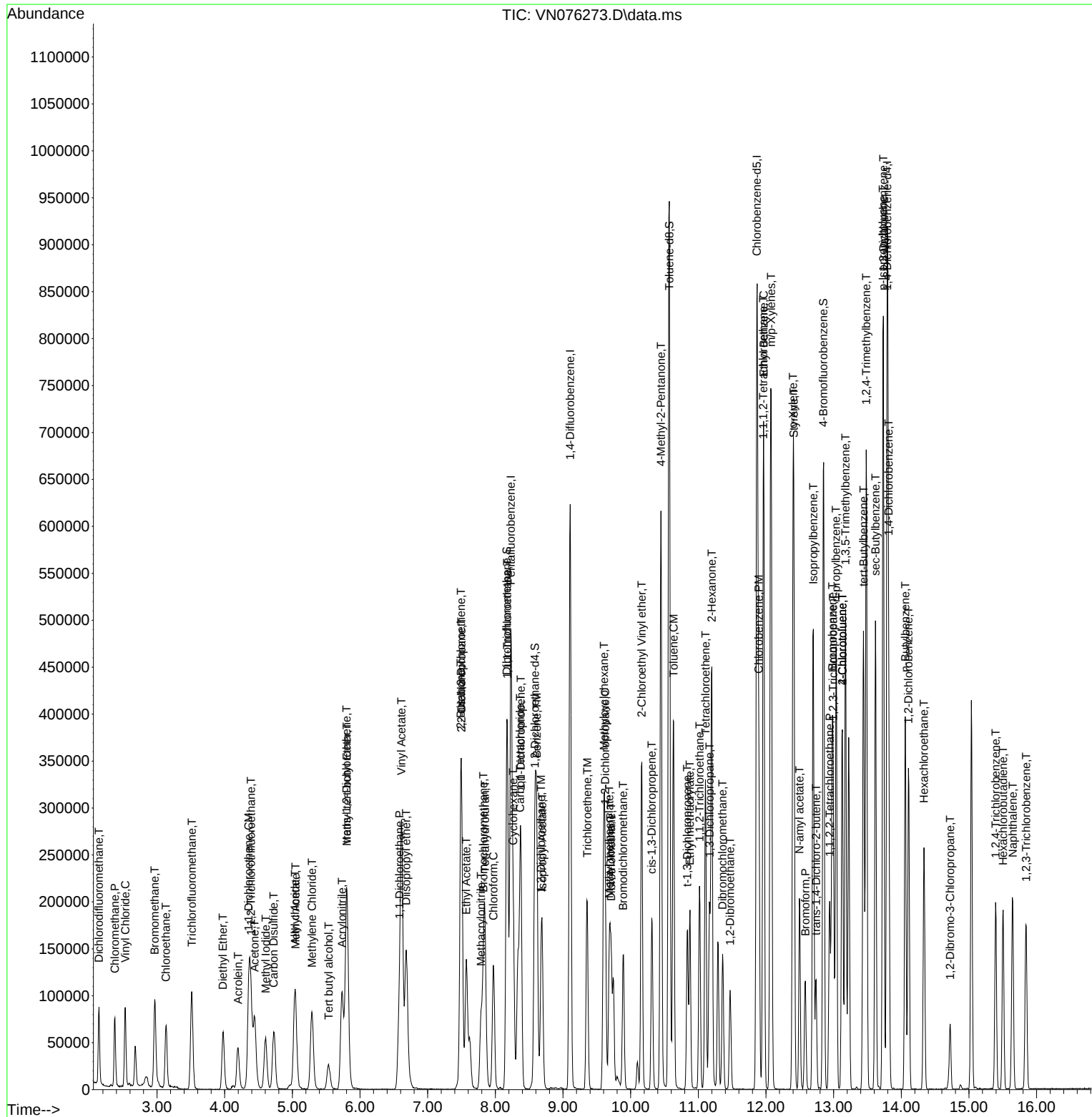
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

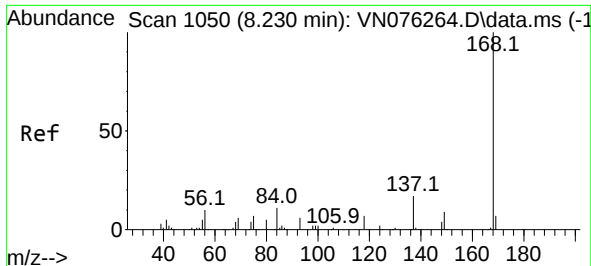
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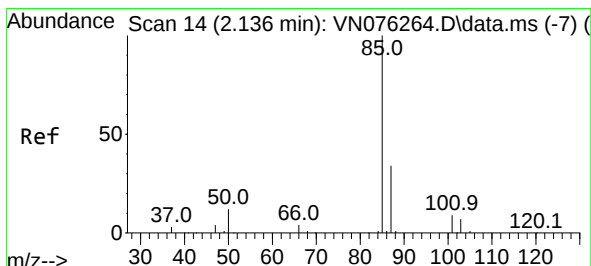
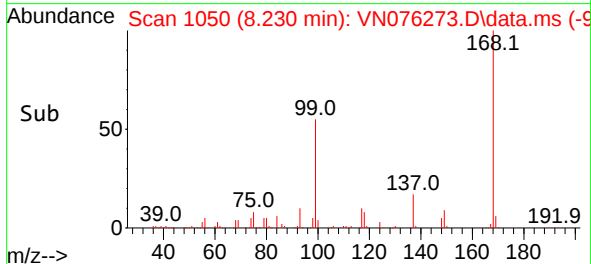
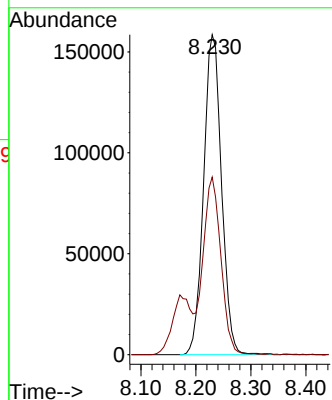
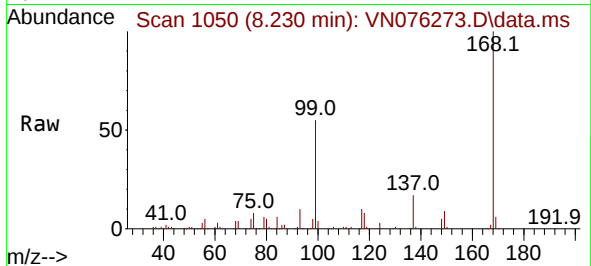




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 10  
Delta R.T. -0.000 min  
Lab File: VN076273.D  
Acq: 17 Jan 2023 12:14

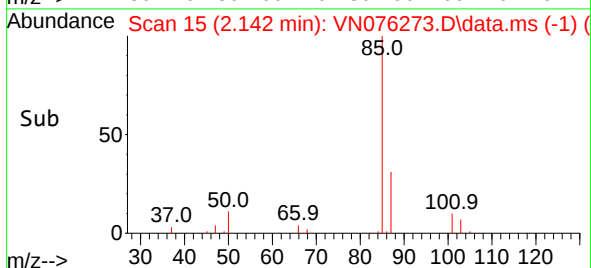
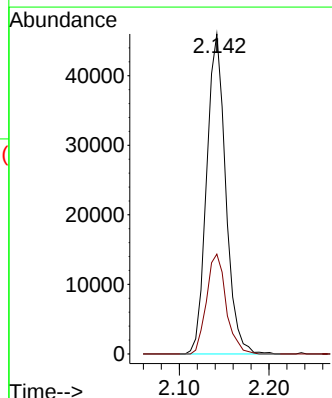
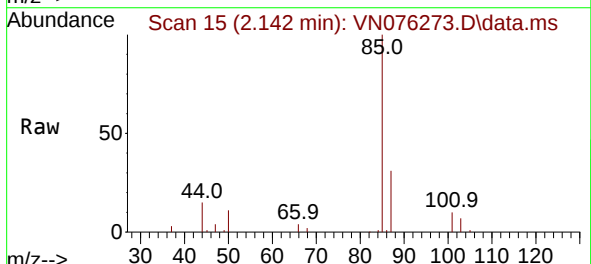
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0117WBS01

Tgt Ion:168 Resp: 358543  
Ion Ratio Lower Upper  
168 100  
99 55.5 41.6 62.4



#2  
Dichlorodifluoromethane  
Concen: 18.469 ug/l  
RT: 2.142 min Scan# 15  
Delta R.T. 0.006 min  
Lab File: VN076273.D  
Acq: 17 Jan 2023 12:14

Tgt Ion: 85 Resp: 67860  
Ion Ratio Lower Upper  
85 100  
87 31.2 17.1 51.2

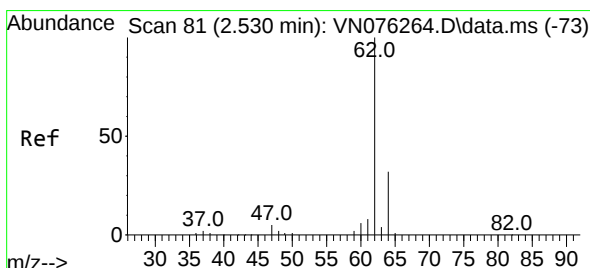
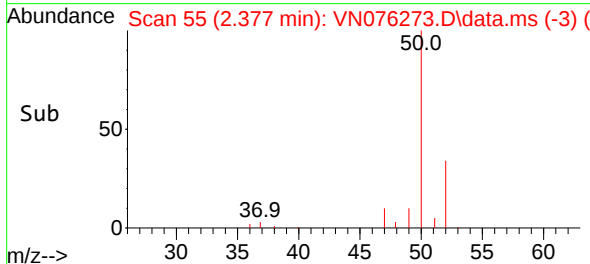
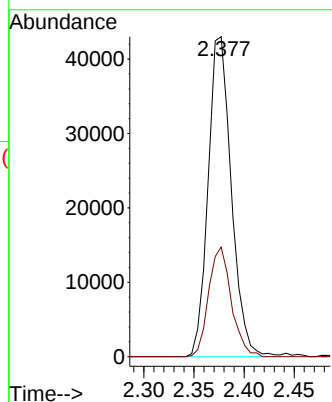
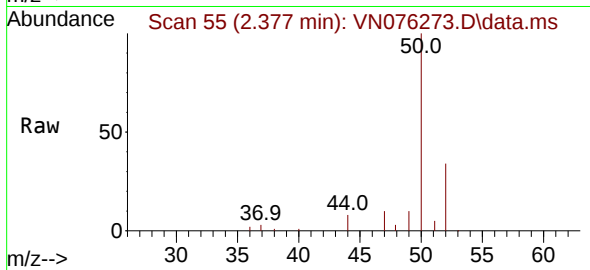




#3  
Chloromethane  
Concen: 18.259 ug/l  
RT: 2.377 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VN076273.D  
Acq: 17 Jan 2023 12:14

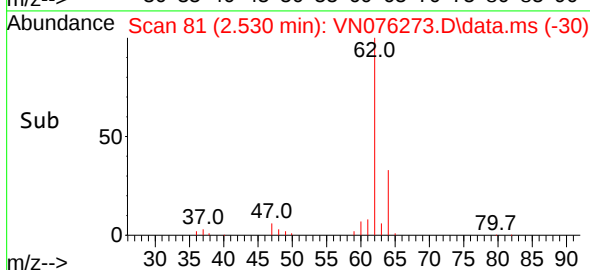
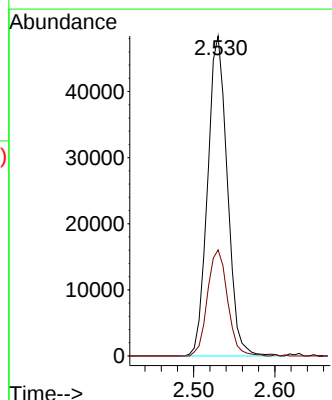
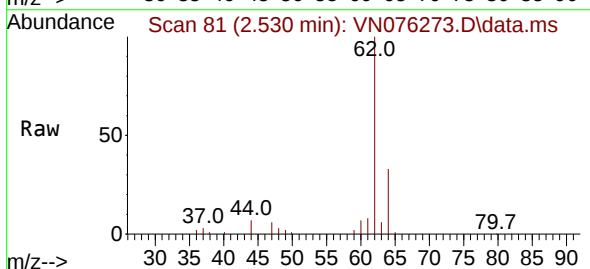
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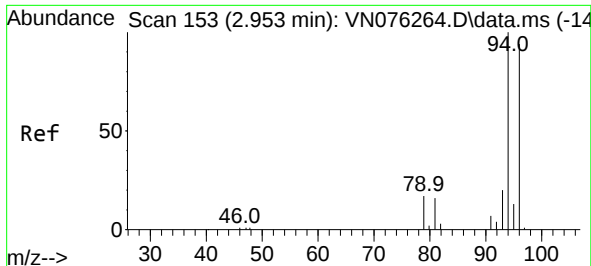
Tgt Ion: 50 Resp: 69459  
Ion Ratio Lower Upper  
50 100  
52 34.3 24.8 37.2



#4  
Vinyl Chloride  
Concen: 17.484 ug/l  
RT: 2.530 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: VN076273.D  
Acq: 17 Jan 2023 12:14

Tgt Ion: 62 Resp: 81557  
Ion Ratio Lower Upper  
62 100  
64 33.2 25.8 38.6

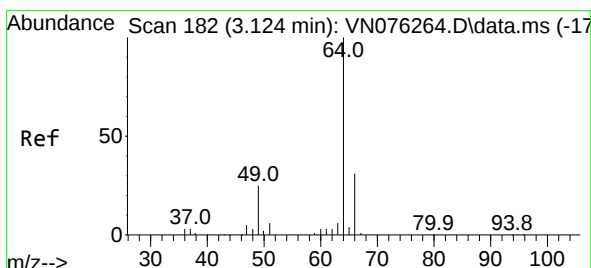
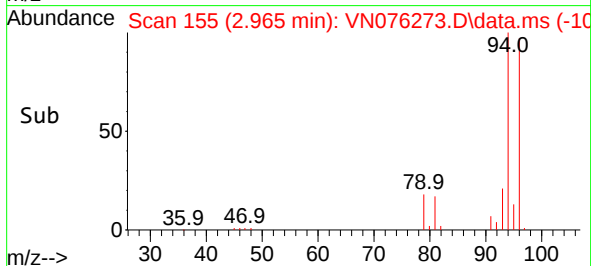
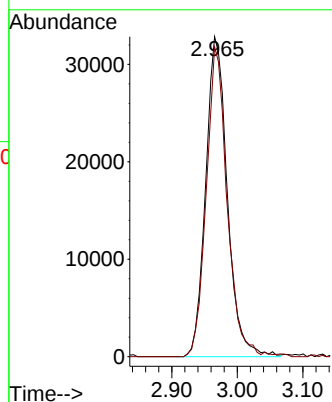
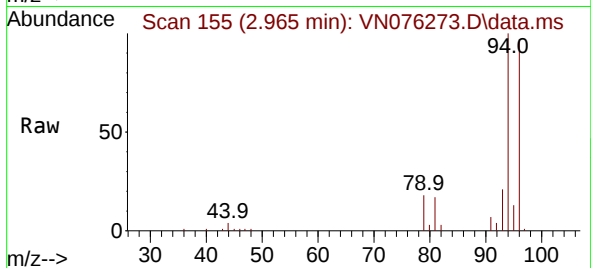




#5  
Bromomethane  
Concen: 19.732 ug/l  
RT: 2.965 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: VN076273.D  
Acq: 17 Jan 2023 12:14

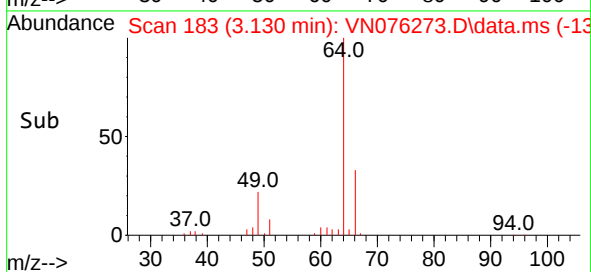
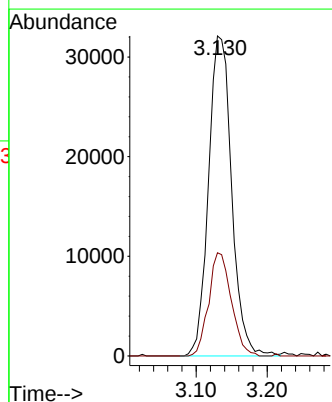
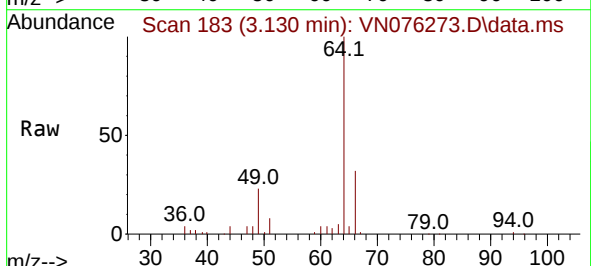
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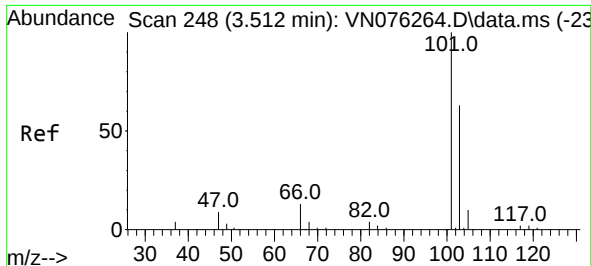
Tgt Ion: 94 Resp: 75374  
Ion Ratio Lower Upper  
94 100  
96 96.8 75.1 112.7



#6  
Chloroethane  
Concen: 20.751 ug/l  
RT: 3.130 min Scan# 183  
Delta R.T. 0.006 min  
Lab File: VN076273.D  
Acq: 17 Jan 2023 12:14

Tgt Ion: 64 Resp: 72581  
Ion Ratio Lower Upper  
64 100  
66 32.3 24.8 37.2

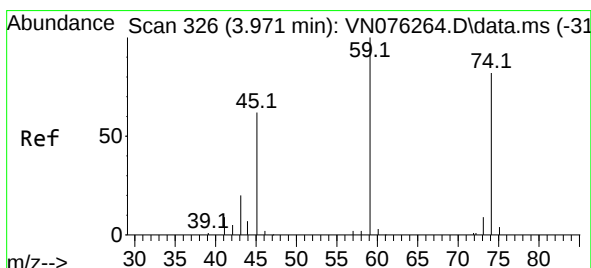
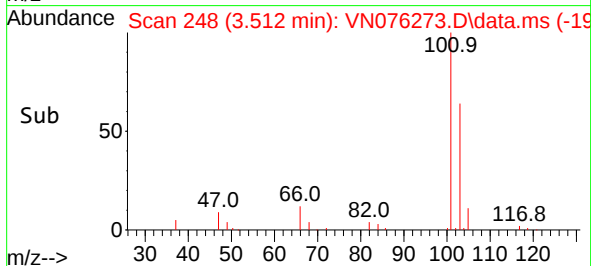
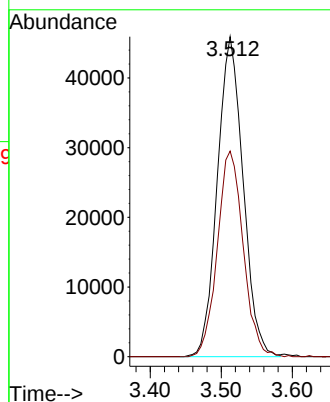
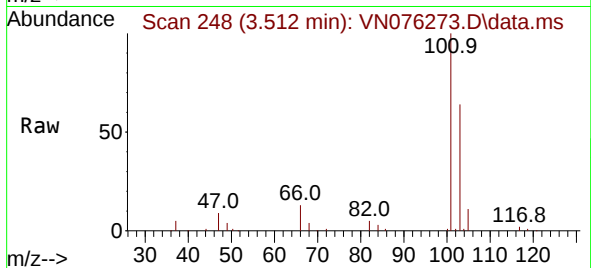




#7  
Trichlorofluoromethane  
Concen: 18.009 ug/l  
RT: 3.512 min Scan# 248  
Delta R.T. 0.000 min  
Lab File: VN076273.D  
Acq: 17 Jan 2023 12:14

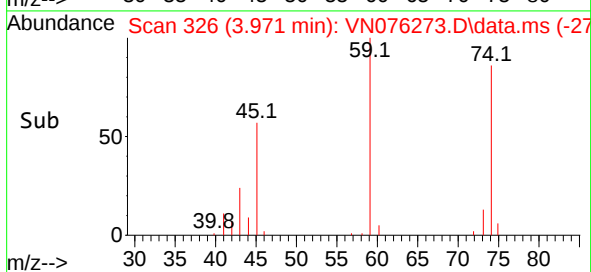
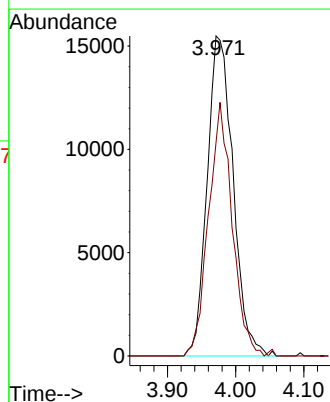
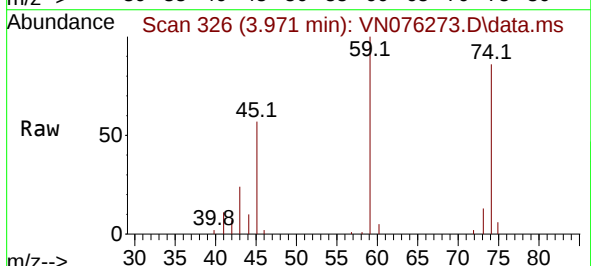
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0117WBS01

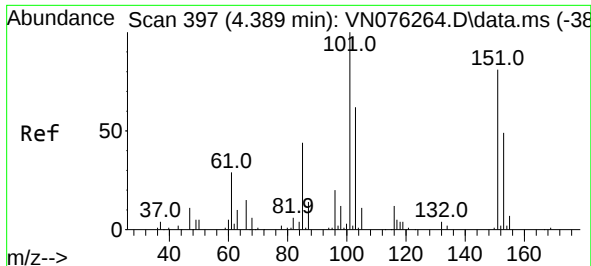
Tgt Ion:101 Resp: 115568  
Ion Ratio Lower Upper  
101 100  
103 64.2 50.2 75.4



#8  
Diethyl Ether  
Concen: 19.027 ug/l  
RT: 3.971 min Scan# 326  
Delta R.T. 0.000 min  
Lab File: VN076273.D  
Acq: 17 Jan 2023 12:14

Tgt Ion: 74 Resp: 40954  
Ion Ratio Lower Upper  
74 100  
45 72.3 37.8 113.3

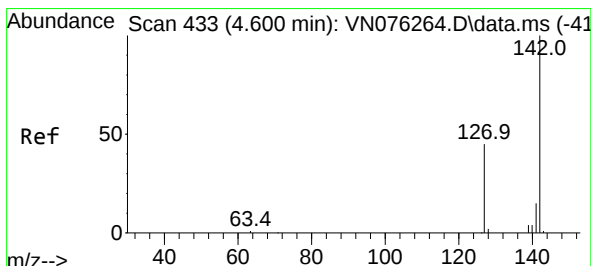
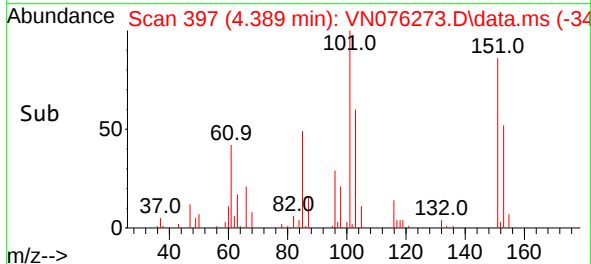
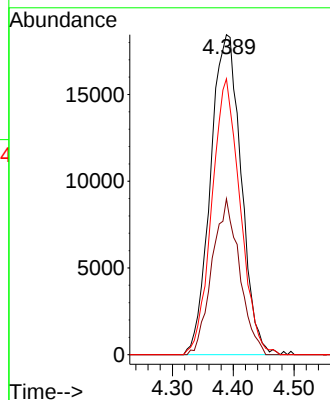
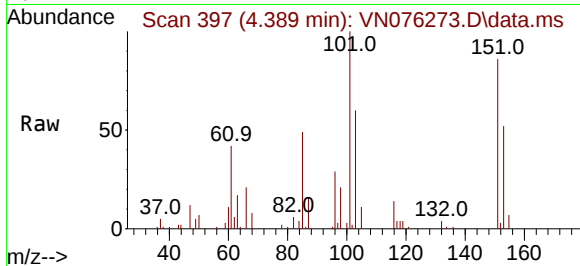




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 17.730 ug/l  
RT: 4.389 min Scan# 397  
Delta R.T. -0.000 min  
Lab File: VN076273.D  
Acq: 17 Jan 2023 12:14

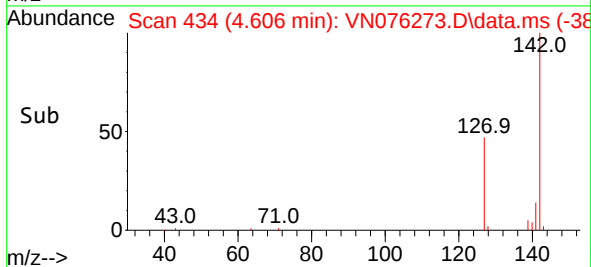
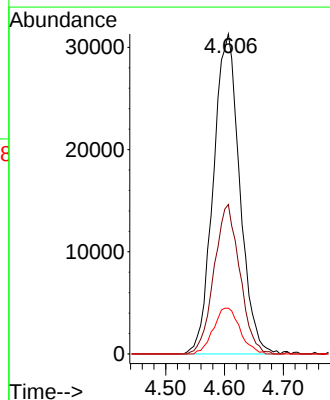
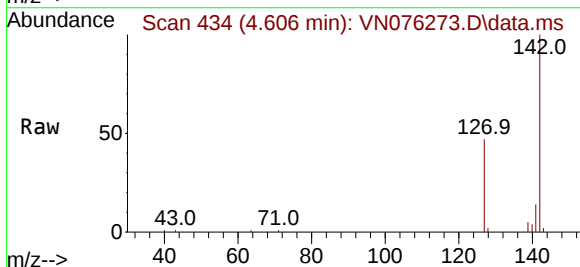
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0117WBS01

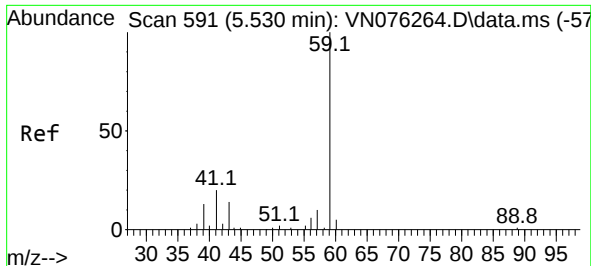
Tgt Ion:101 Resp: 64413  
Ion Ratio Lower Upper  
101 100  
85 43.8 35.5 53.3  
151 79.8 65.5 98.3



#10  
Methyl Iodide  
Concen: 17.585 ug/l  
RT: 4.606 min Scan# 434  
Delta R.T. 0.006 min  
Lab File: VN076273.D  
Acq: 17 Jan 2023 12:14

Tgt Ion:142 Resp: 97580  
Ion Ratio Lower Upper  
142 100  
127 45.6 35.0 52.4  
141 14.4 11.5 17.3

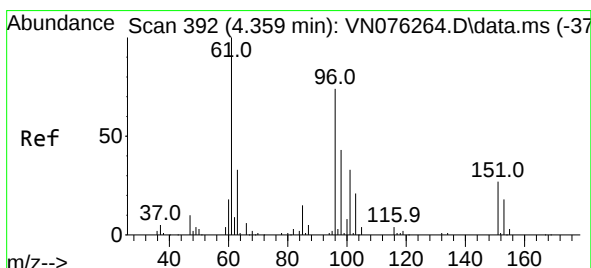
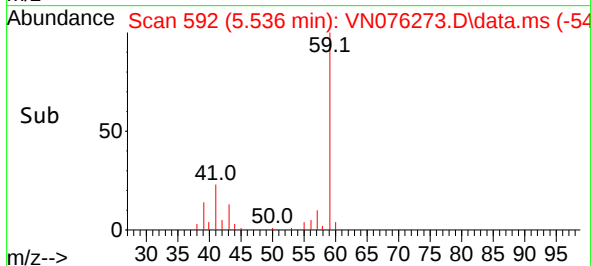
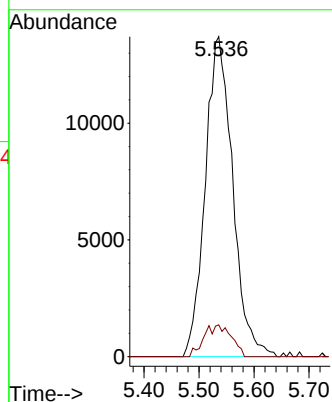
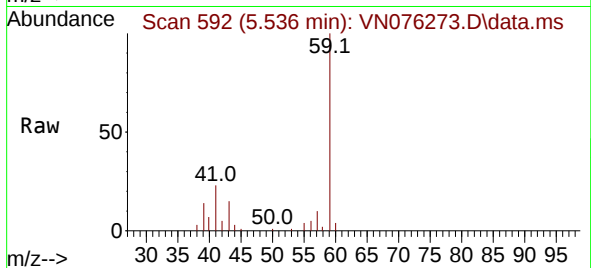




#11  
Tert butyl alcohol  
Concen: 88.416 ug/l  
RT: 5.536 min Scan# 591  
Delta R.T. 0.006 min  
Lab File: VN076273.D  
Acq: 17 Jan 2023 12:14

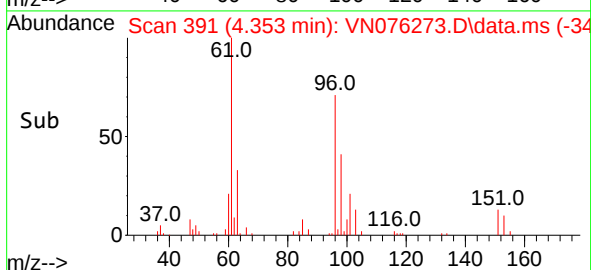
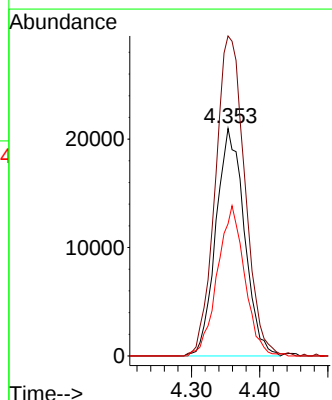
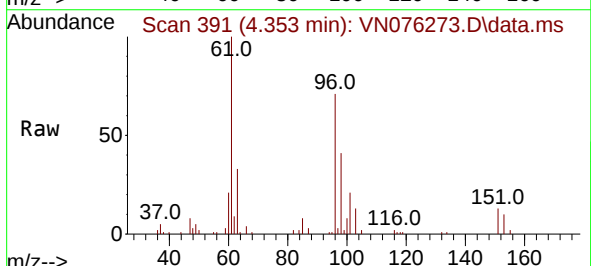
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0117WBS01

Tgt Ion: 59 Resp: 47477  
Ion Ratio Lower Upper  
59 100  
57 3.8 8.5 12.7#



#12  
1,1-Dichloroethene  
Concen: 17.710 ug/l  
RT: 4.353 min Scan# 391  
Delta R.T. -0.006 min  
Lab File: VN076273.D  
Acq: 17 Jan 2023 12:14

Tgt Ion: 96 Resp: 60819  
Ion Ratio Lower Upper  
96 100  
61 140.6 108.2 162.4  
98 58.1 47.0 70.6





#13

Acrolein

Concen: 94.362 ug/l

RT: 4.201 min Scan# 3

Delta R.T. 0.012 min

Lab File: VN076273.D

Acq: 17 Jan 2023 12:14

Instrument :

MSVOA\_N

ClientSampleId :

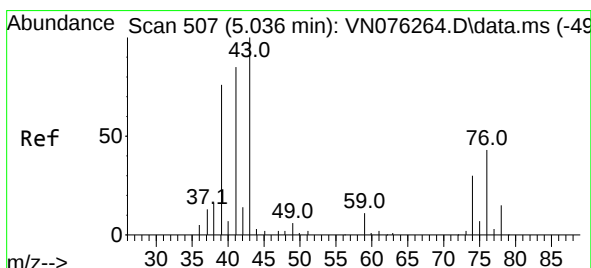
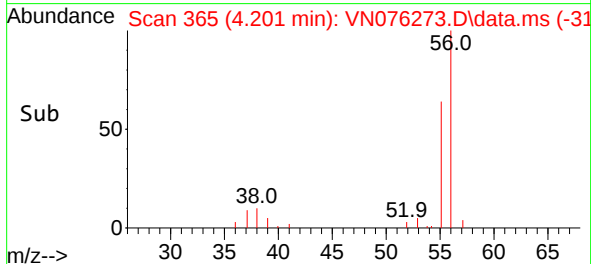
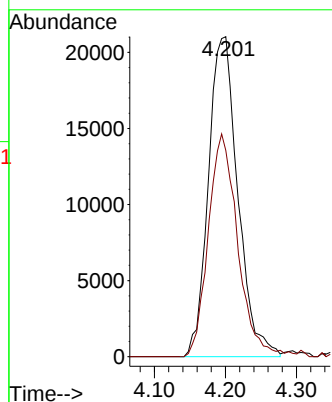
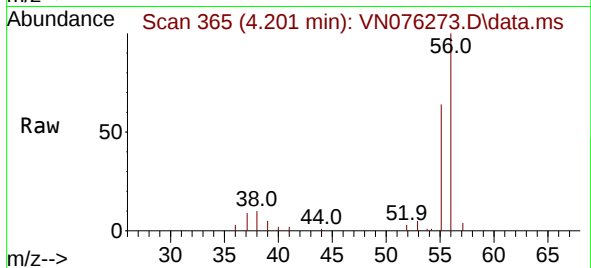
VN0117WBS01

Tgt Ion: 56 Resp: 60596

Ion Ratio Lower Upper

56 100

55 69.6 55.8 83.6



#14

Allyl chloride

Concen: 19.560 ug/l

RT: 5.042 min Scan# 508

Delta R.T. 0.006 min

Lab File: VN076273.D

Acq: 17 Jan 2023 12:14

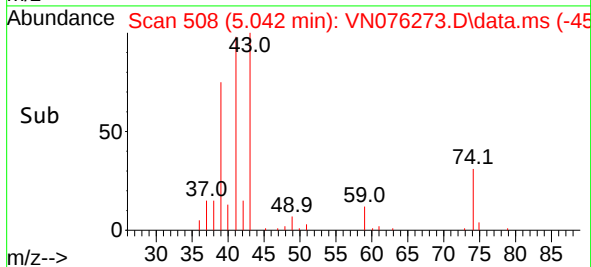
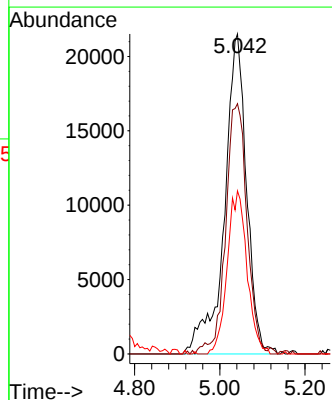
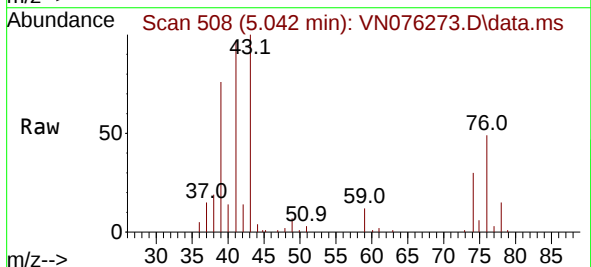
Tgt Ion: 41 Resp: 78281

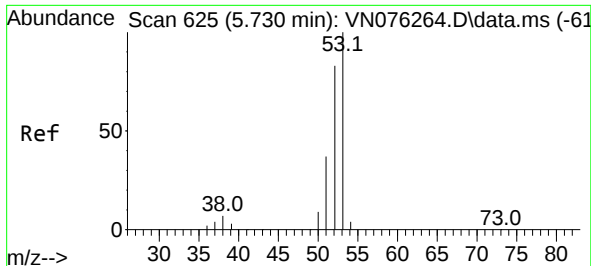
Ion Ratio Lower Upper

41 100

39 74.5 67.4 101.0

76 45.3 39.8 59.8

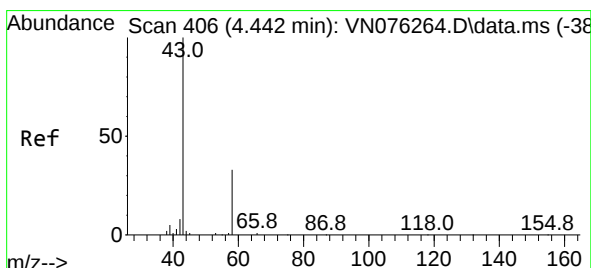
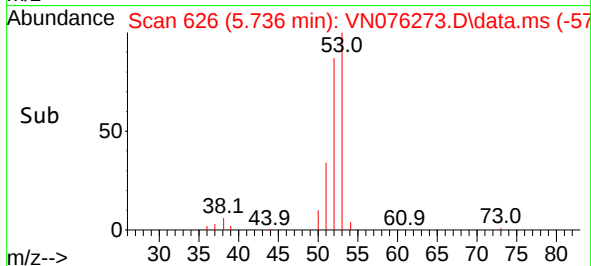
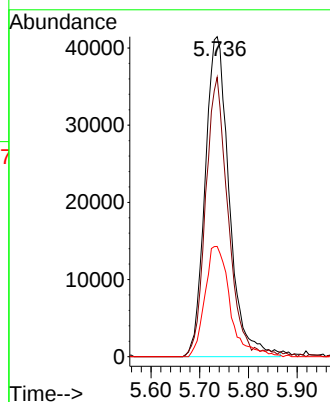
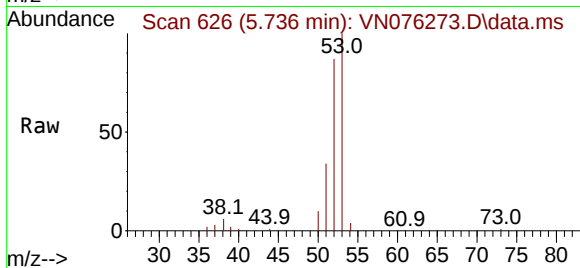




#15  
Acrylonitrile  
Concen: 93.288 ug/l  
RT: 5.736 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN076273.D  
Acq: 17 Jan 2023 12:14

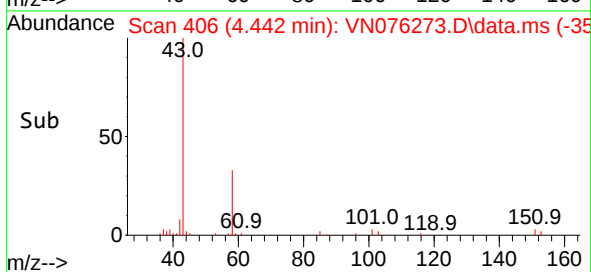
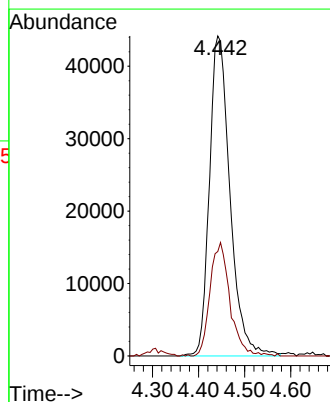
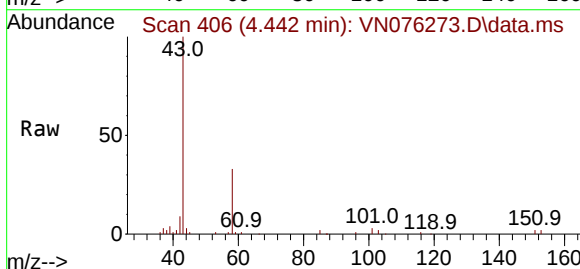
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0117WBS01

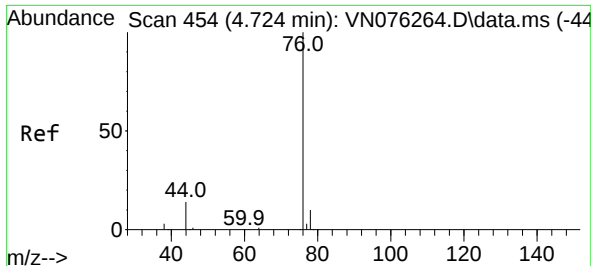
Tgt Ion: 53 Resp: 142549  
Ion Ratio Lower Upper  
53 100  
52 81.6 64.7 97.1  
51 36.1 29.2 43.8



#16  
Acetone  
Concen: 106.765 ug/l  
RT: 4.442 min Scan# 406  
Delta R.T. -0.000 min  
Lab File: VN076273.D  
Acq: 17 Jan 2023 12:14

Tgt Ion: 43 Resp: 137454  
Ion Ratio Lower Upper  
43 100  
58 32.7 26.7 40.1

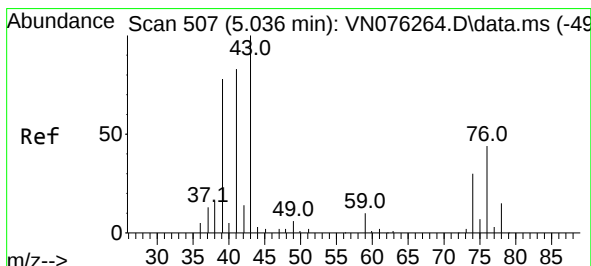
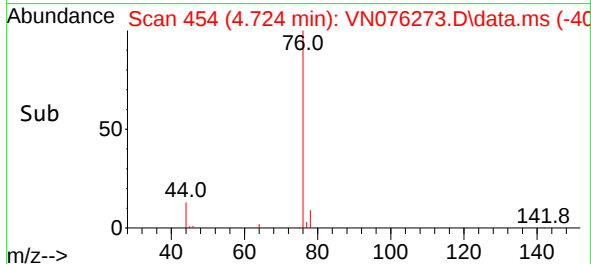
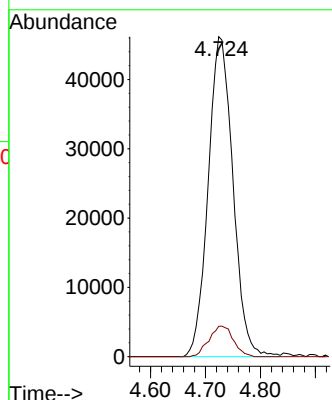
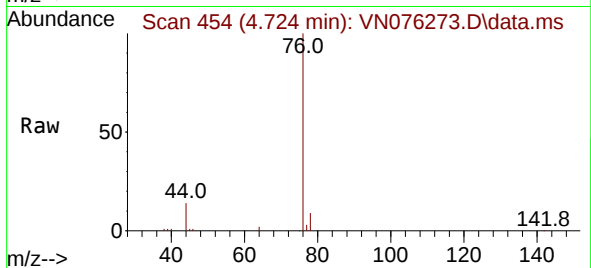




#17  
Carbon Disulfide  
Concen: 16.913 ug/l  
RT: 4.724 min Scan# 411  
Delta R.T. 0.000 min  
Lab File: VN076273.D  
Acq: 17 Jan 2023 12:14

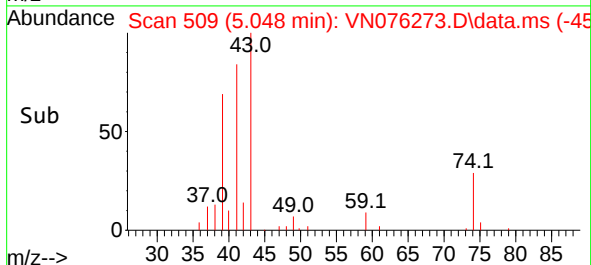
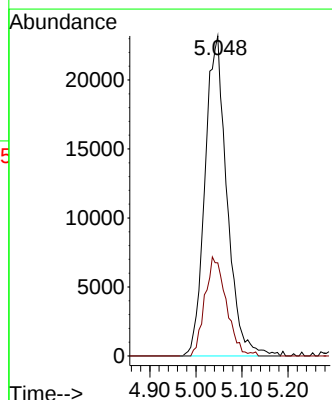
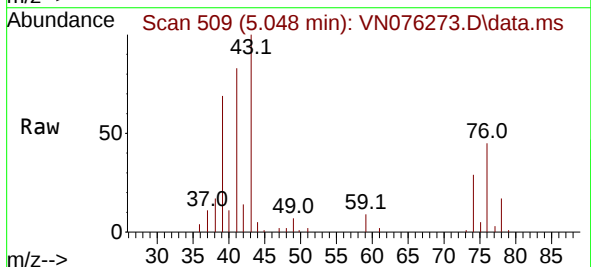
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0117WBS01

Tgt Ion: 76 Resp: 144623  
Ion Ratio Lower Upper  
76 100  
78 9.5 8.0 12.0



#18  
Methyl Acetate  
Concen: 17.639 ug/l  
RT: 5.048 min Scan# 509  
Delta R.T. 0.012 min  
Lab File: VN076273.D  
Acq: 17 Jan 2023 12:14

Tgt Ion: 43 Resp: 76932  
Ion Ratio Lower Upper  
43 100  
74 29.9 23.3 34.9

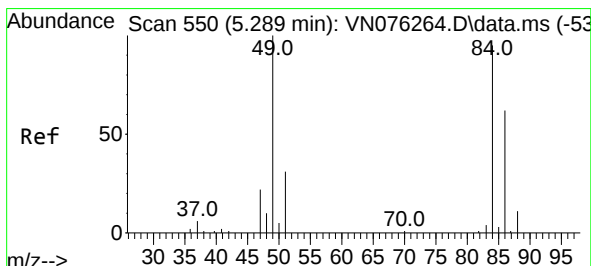
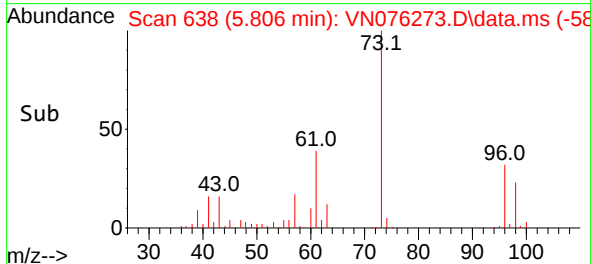
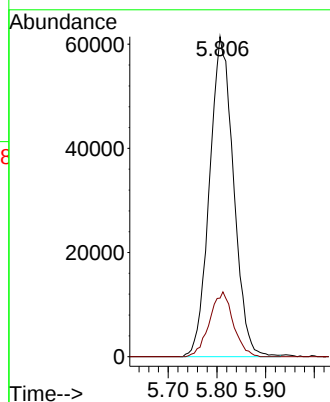
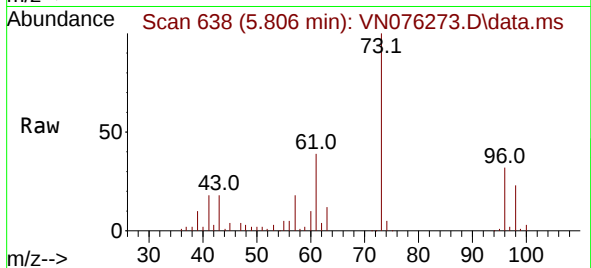




#19  
Methyl tert-butyl Ether  
Concen: 18.822 ug/l  
RT: 5.806 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN076273.D  
Acq: 17 Jan 2023 12:14

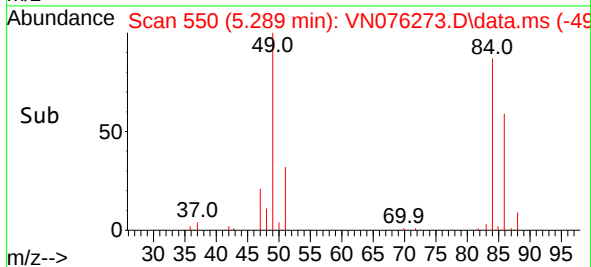
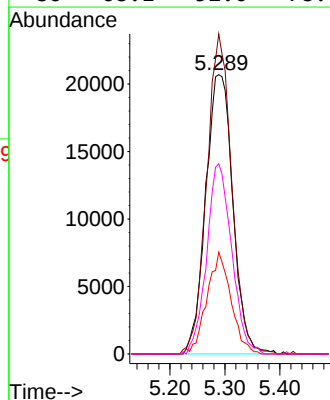
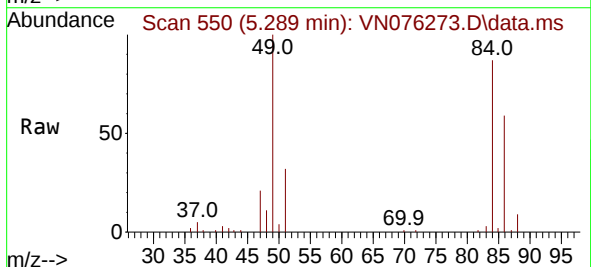
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0117WBS01

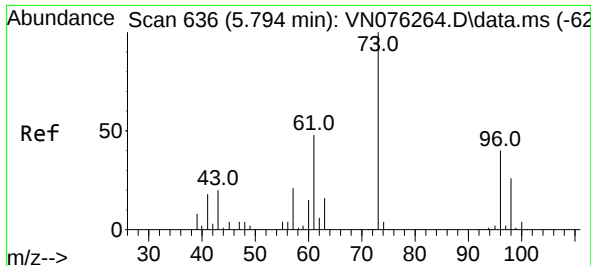
Tgt Ion: 73 Resp: 210432  
Ion Ratio Lower Upper  
73 100  
57 18.3 15.9 23.9



#20  
Methylene Chloride  
Concen: 18.265 ug/l  
RT: 5.289 min Scan# 550  
Delta R.T. -0.000 min  
Lab File: VN076273.D  
Acq: 17 Jan 2023 12:14

Tgt Ion: 84 Resp: 71013  
Ion Ratio Lower Upper  
84 100  
49 114.5 84.5 126.7  
51 36.4 26.0 39.0  
86 68.1 52.0 78.0

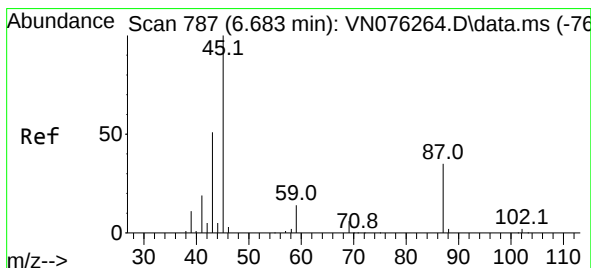
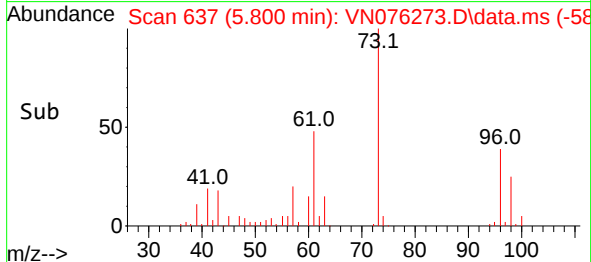
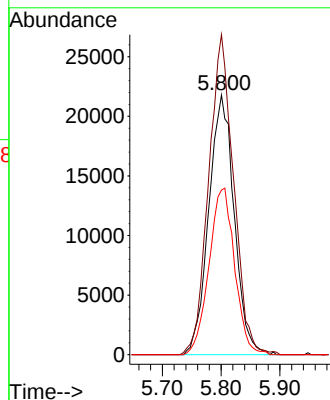
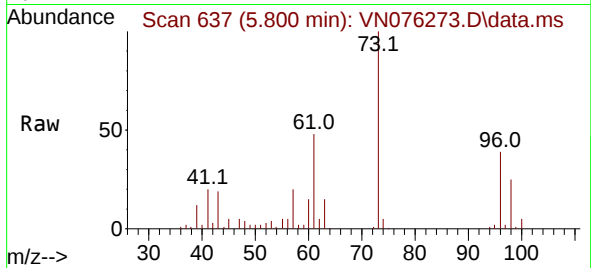




#21  
trans-1,2-Dichloroethene  
Concen: 17.618 ug/l  
RT: 5.800 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN076273.D  
Acq: 17 Jan 2023 12:14

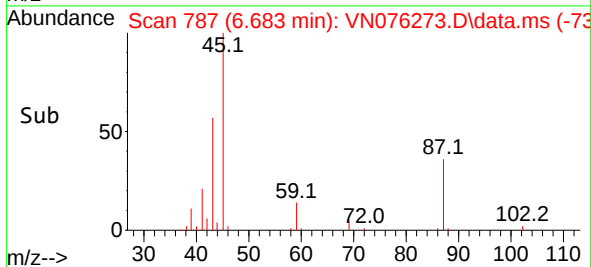
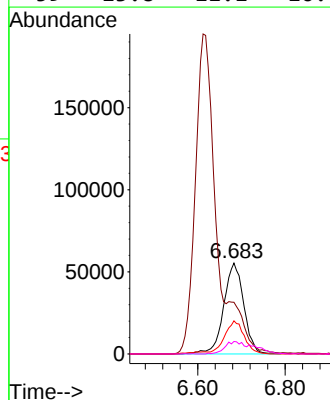
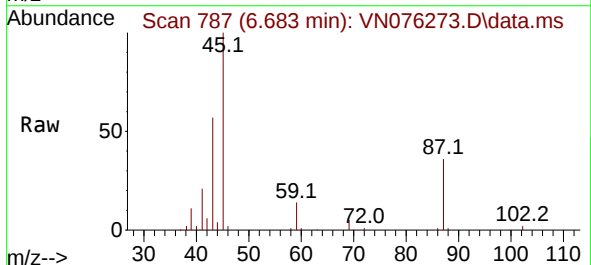
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0117WBS01

Tgt Ion: 96 Resp: 65545  
Ion Ratio Lower Upper  
96 100  
61 123.2 97.0 145.4  
98 63.4 51.9 77.9



#22  
Diisopropyl ether  
Concen: 18.675 ug/l  
RT: 6.683 min Scan# 787  
Delta R.T. -0.000 min  
Lab File: VN076273.D  
Acq: 17 Jan 2023 12:14

Tgt Ion: 45 Resp: 176248  
Ion Ratio Lower Upper  
45 100  
43 55.7 44.4 66.6  
87 36.5 28.4 42.6  
59 13.8 11.1 16.7

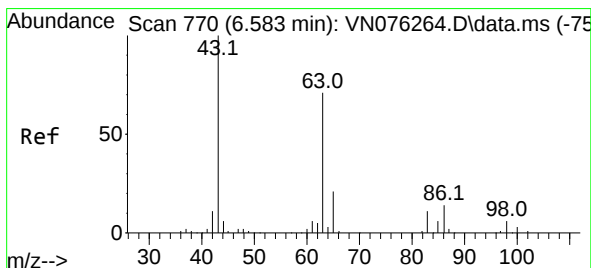
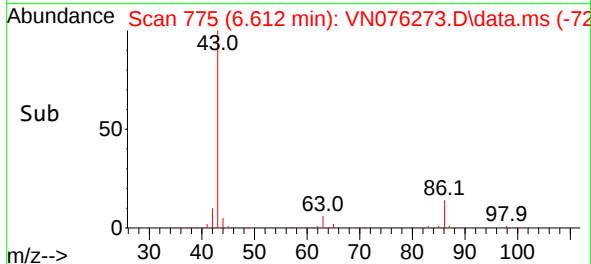
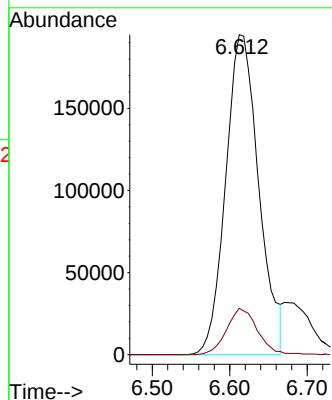
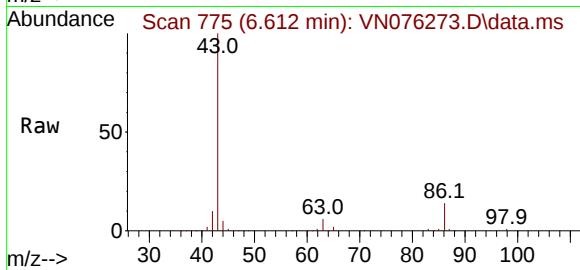




#23  
 Vinyl Acetate  
 Concen: 95.045 ug/l  
 RT: 6.612 min Scan# 775  
 Delta R.T. 0.000 min  
 Lab File: VN076273.D  
 Acq: 17 Jan 2023 12:14

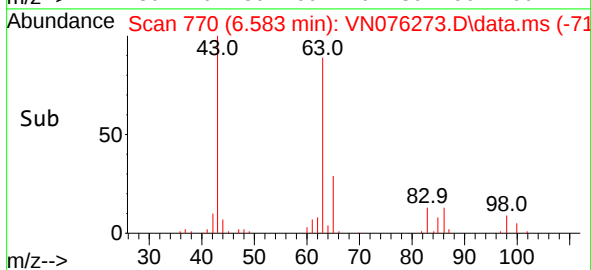
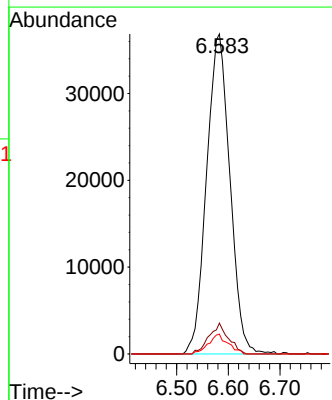
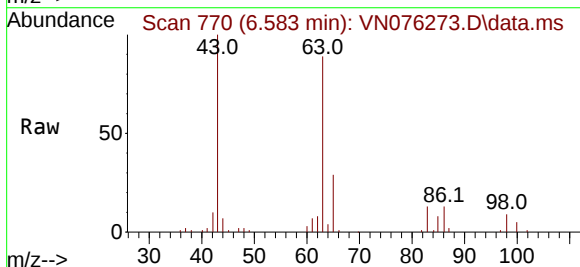
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0117WBS01

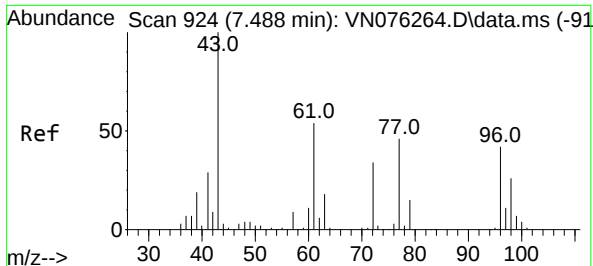
Tgt Ion: 43 Resp: 579735  
 Ion Ratio Lower Upper  
 43 100  
 86 14.5 11.2 16.8



#24  
 1,1-Dichloroethane  
 Concen: 18.368 ug/l  
 RT: 6.583 min Scan# 770  
 Delta R.T. -0.000 min  
 Lab File: VN076273.D  
 Acq: 17 Jan 2023 12:14

Tgt Ion: 63 Resp: 115555  
 Ion Ratio Lower Upper  
 63 100  
 98 9.7 3.9 11.7  
 100 6.2 2.2 6.6





#25

2-Butanone

Concen: 95.067 ug/l

RT: 7.489 min Scan# 91

Delta R.T. 0.001 min

Lab File: VN076273.D

Acq: 17 Jan 2023 12:14

Instrument :

MSVOA\_N

ClientSampleId :

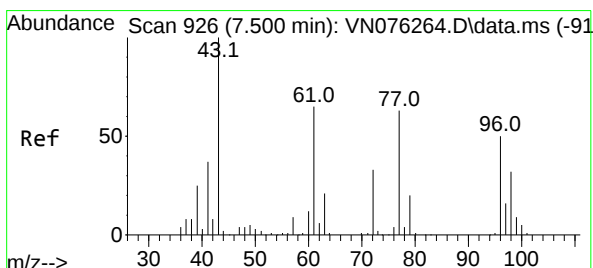
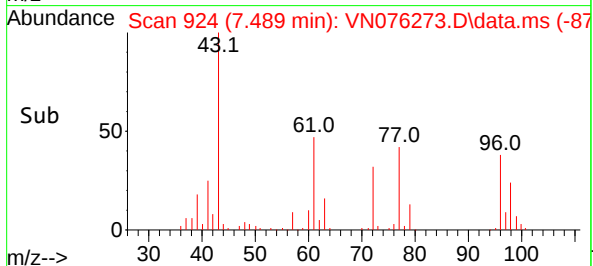
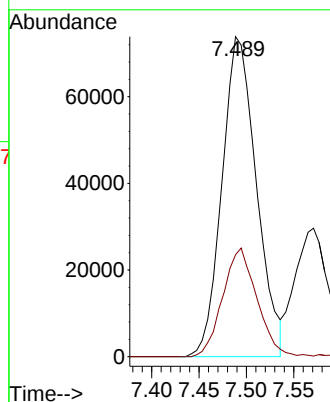
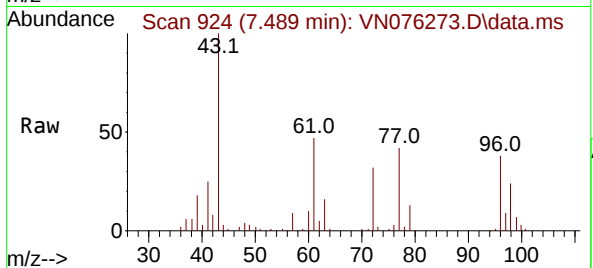
VN0117WBS01

Tgt Ion: 43 Resp: 186859

Ion Ratio Lower Upper

43 100

72 31.9 27.4 41.2



#26

2,2-Dichloropropane

Concen: 18.437 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.000 min

Lab File: VN076273.D

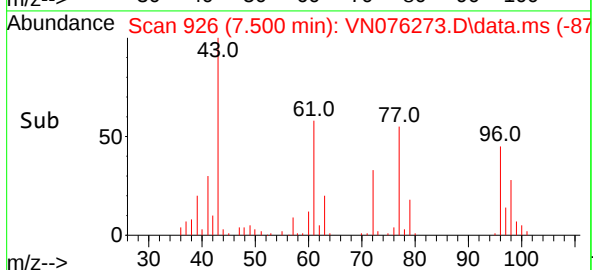
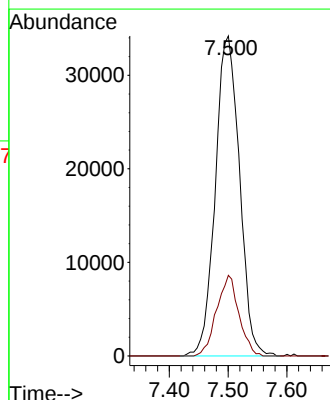
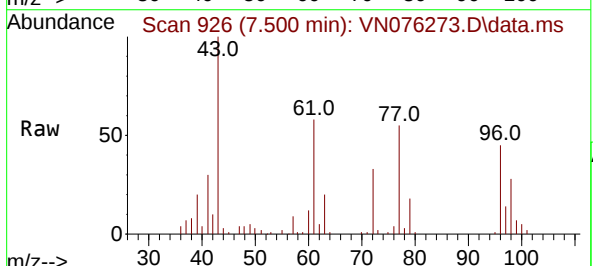
Acq: 17 Jan 2023 12:14

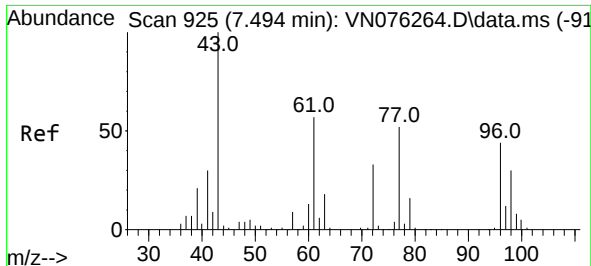
Tgt Ion: 77 Resp: 97754

Ion Ratio Lower Upper

77 100

97 23.2 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 17.985 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN076273.D

Acq: 17 Jan 2023 12:14

Instrument :

MSVOA\_N

ClientSampleId :

VN0117WBS01

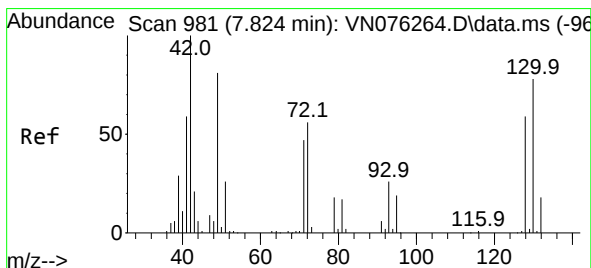
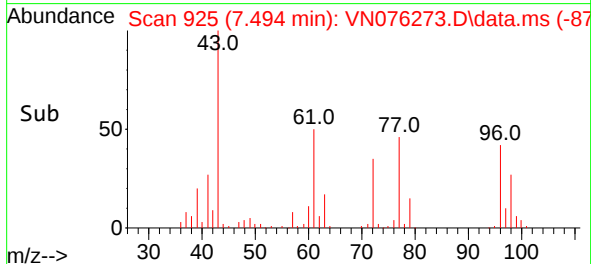
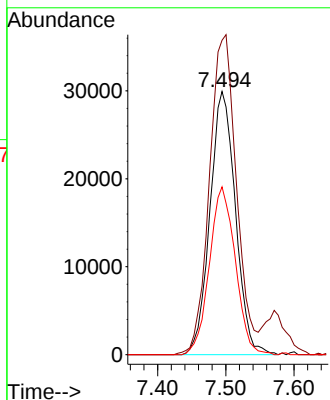
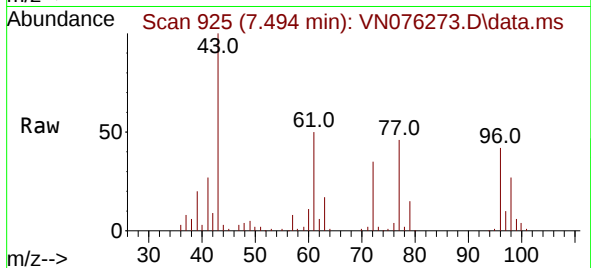
Tgt Ion: 96 Resp: 78039

Ion Ratio Lower Upper

96 100

61 128.7 0.0 259.6

98 64.7 0.0 129.4



#28

Bromochloromethane

Concen: 19.070 ug/l

RT: 7.824 min Scan# 981

Delta R.T. -0.000 min

Lab File: VN076273.D

Acq: 17 Jan 2023 12:14

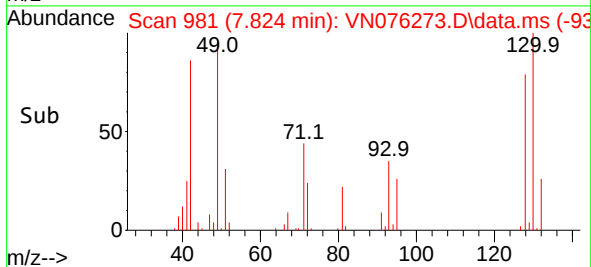
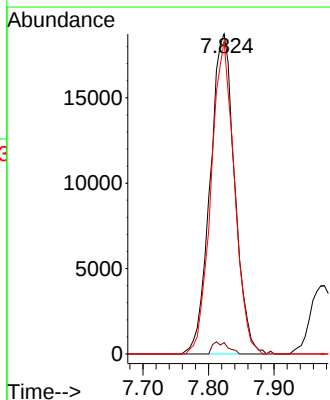
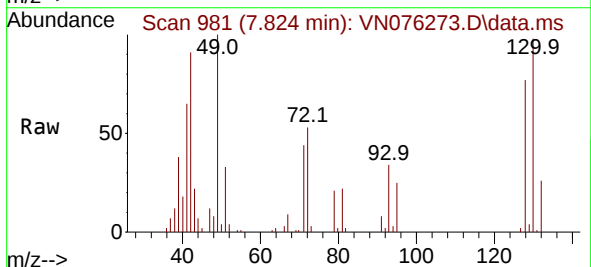
Tgt Ion: 49 Resp: 48626

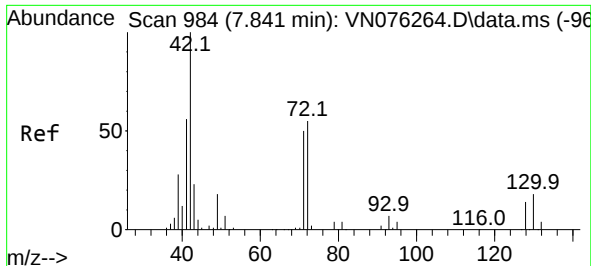
Ion Ratio Lower Upper

49 100

129 2.4 0.0 5.2

130 92.8 76.0 114.0





#29

Tetrahydrofuran

Concen: 96.232 ug/l

RT: 7.847 min Scan# 984

Delta R.T. 0.006 min

Lab File: VN076273.D

Acq: 17 Jan 2023 12:14

Instrument :

MSVOA\_N

ClientSampleId :

VN0117WBS01

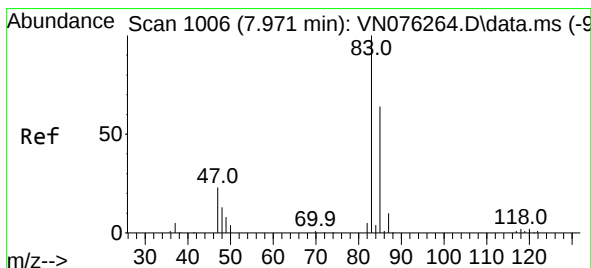
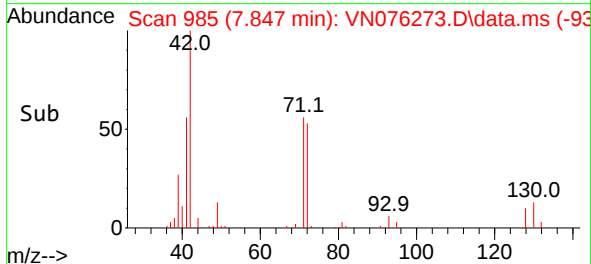
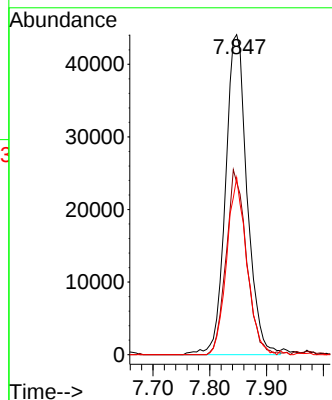
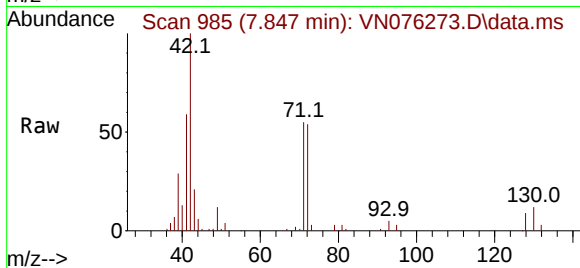
Tgt Ion: 42 Resp: 116740

Ion Ratio Lower Upper

42 100

72 54.6 44.0 66.0

71 51.5 41.1 61.7



#30

Chloroform

Concen: 18.326 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VN076273.D

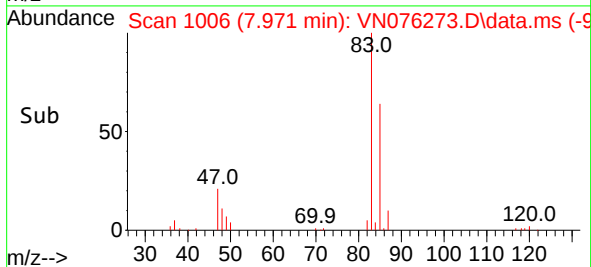
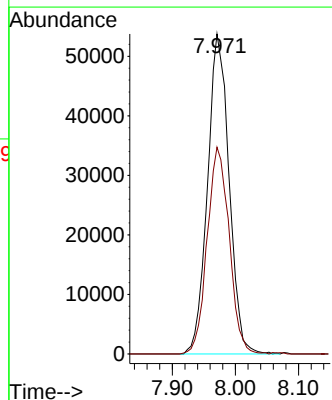
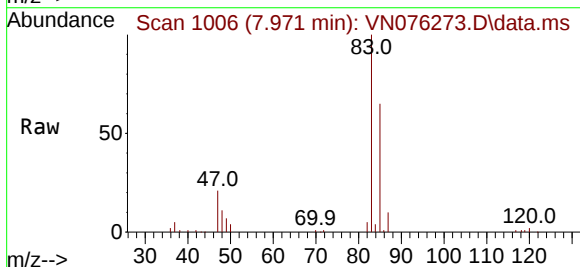
Acq: 17 Jan 2023 12:14

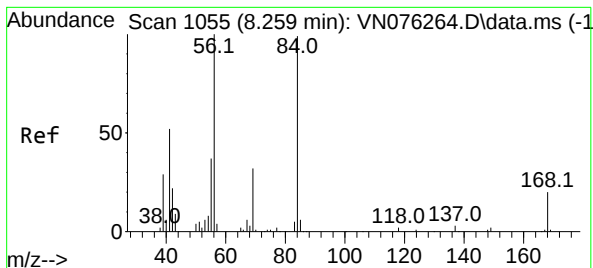
Tgt Ion: 83 Resp: 127567

Ion Ratio Lower Upper

83 100

85 64.6 51.0 76.6





#31

Cyclohexane

Concen: 16.528 ug/l

RT: 8.265 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN076273.D

Acq: 17 Jan 2023 12:14

Instrument :

MSVOA\_N

ClientSampleId :

VN0117WBS01

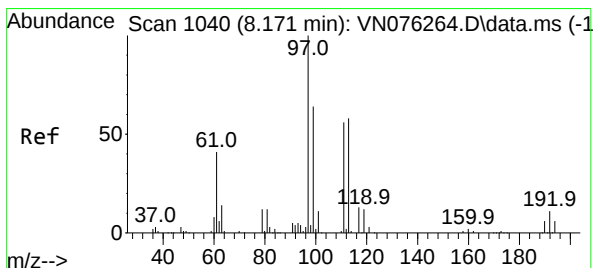
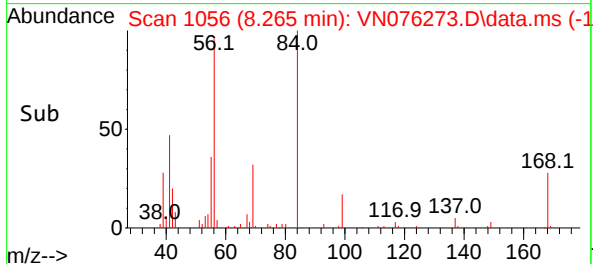
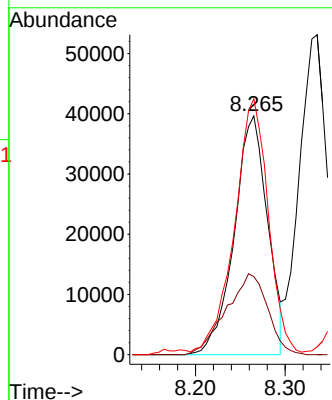
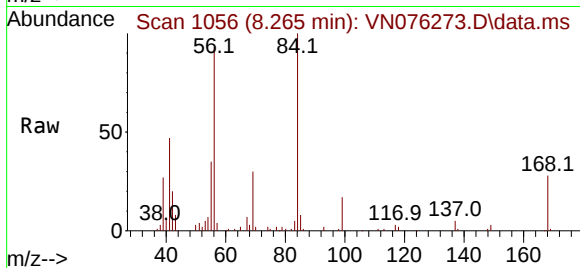
Tgt Ion: 56 Resp: 101930

Ion Ratio Lower Upper

56 100

69 32.7 25.8 38.8

84 105.2 79.0 118.4



#32

1,1,1-Trichloroethane

Concen: 18.466 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076273.D

Acq: 17 Jan 2023 12:14

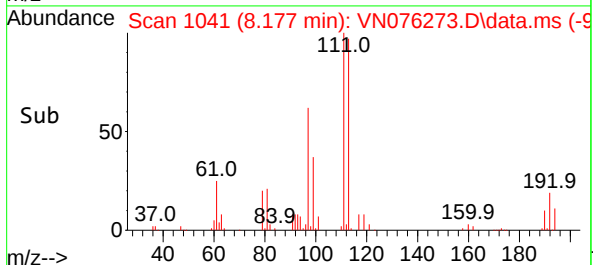
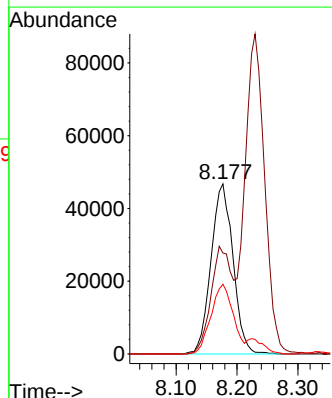
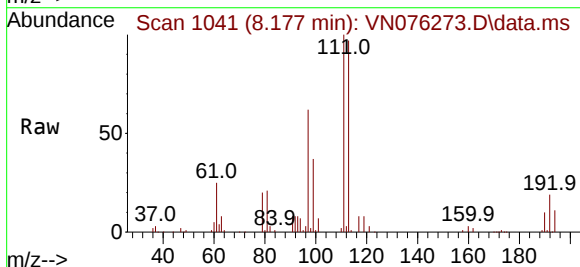
Tgt Ion: 97 Resp: 117360

Ion Ratio Lower Upper

97 100

99 58.9 55.0 82.4

61 41.5 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 51.738 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.001 min

Lab File: VN076273.D

Acq: 17 Jan 2023 12:14

Instrument :

MSVOA\_N

ClientSampleId :

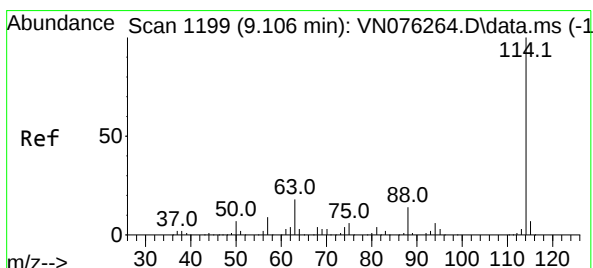
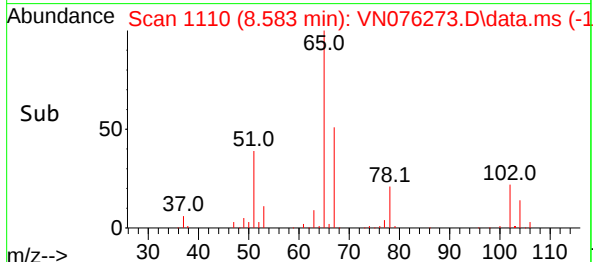
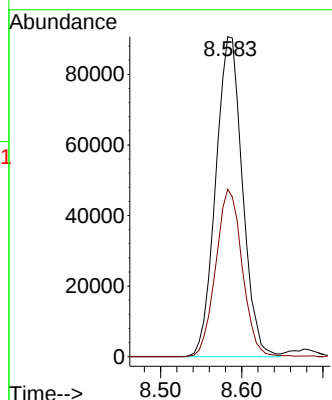
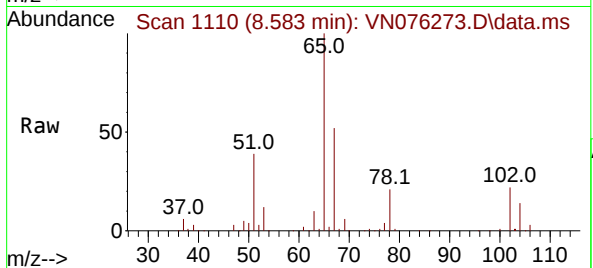
VN0117WBS01

Tgt Ion: 65 Resp: 207704

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076273.D

Acq: 17 Jan 2023 12:14

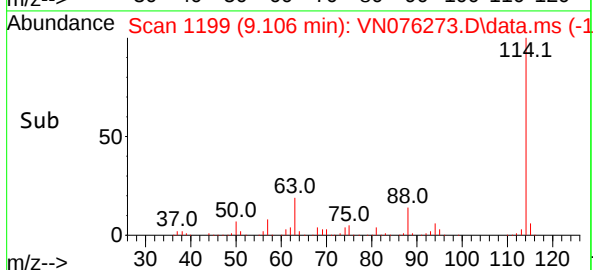
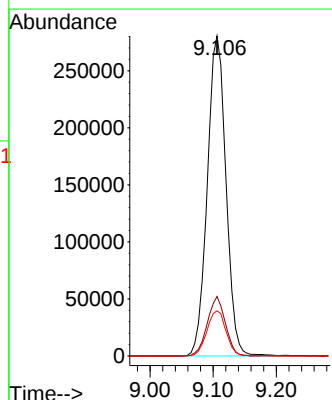
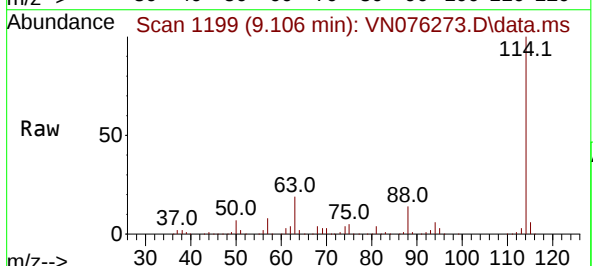
Tgt Ion: 114 Resp: 576098

Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.8

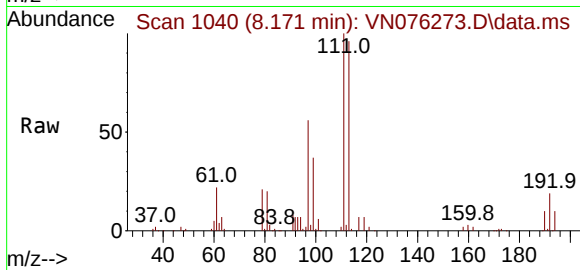
88 14.1 0.0 28.0



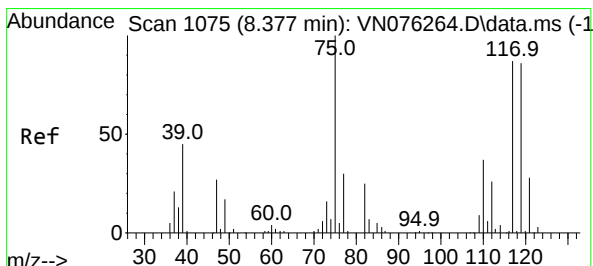
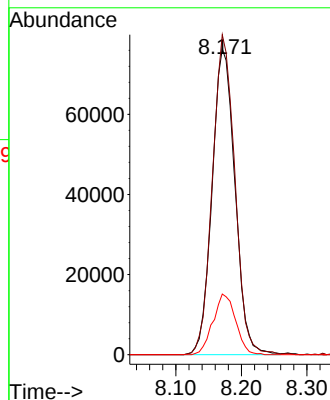
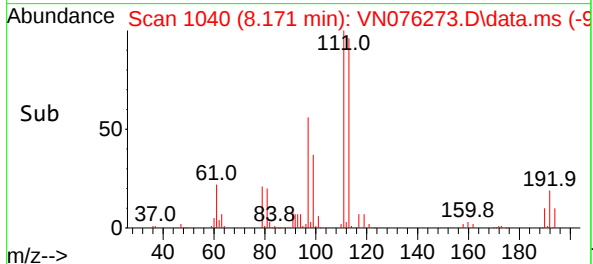


#35  
Dibromofluoromethane  
Concen: 51.324 ug/l  
RT: 8.171 min Scan# 1040  
Delta R.T. -0.000 min  
Lab File: VN076273.D  
Acq: 17 Jan 2023 12:14

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0117WBS01

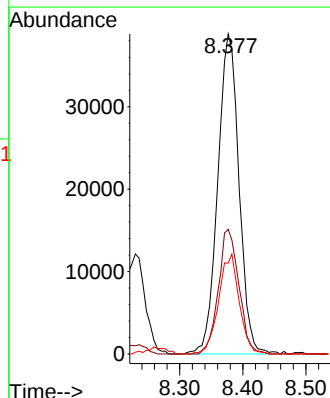
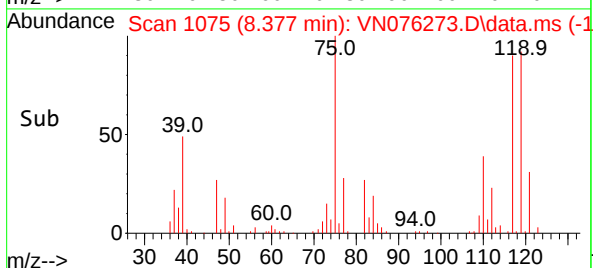
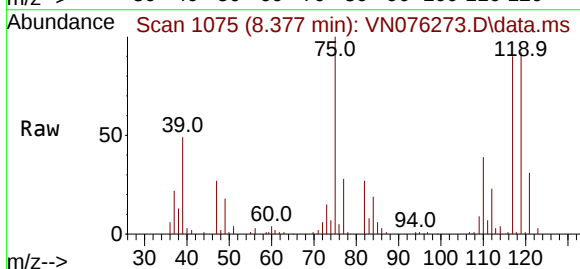


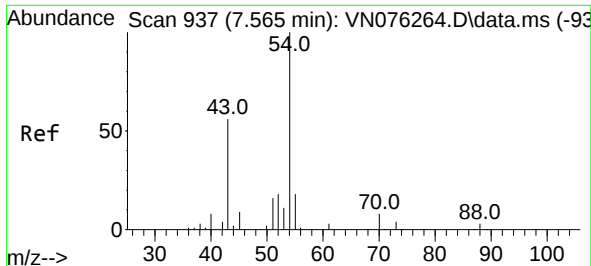
Tgt Ion:113 Resp: 184958  
Ion Ratio Lower Upper  
113 100  
111 102.3 82.7 124.1  
192 19.6 15.6 23.4



#36  
1,1-Dichloropropene  
Concen: 17.703 ug/l  
RT: 8.377 min Scan# 1075  
Delta R.T. -0.000 min  
Lab File: VN076273.D  
Acq: 17 Jan 2023 12:14

Tgt Ion: 75 Resp: 90656  
Ion Ratio Lower Upper  
75 100  
110 37.5 18.8 56.3  
77 30.4 25.0 37.4





#37

Ethyl Acetate

Concen: 18.480 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076273.D

Acq: 17 Jan 2023 12:14

Instrument :

MSVOA\_N

ClientSampleId :

VN0117WBS01

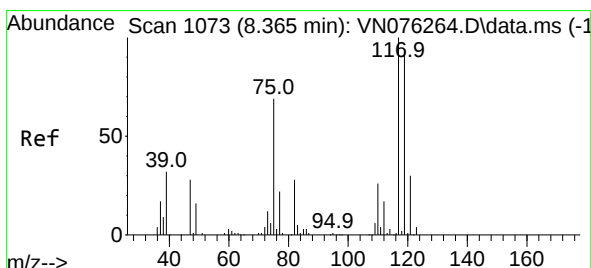
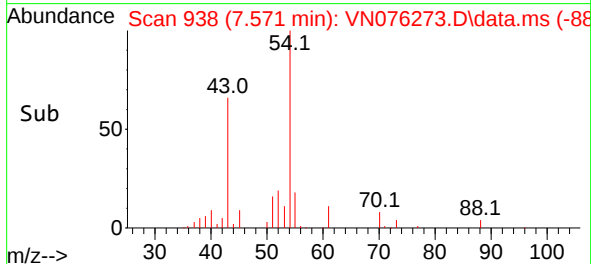
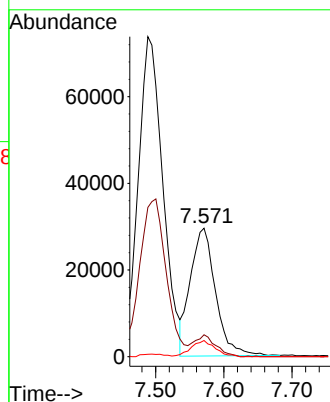
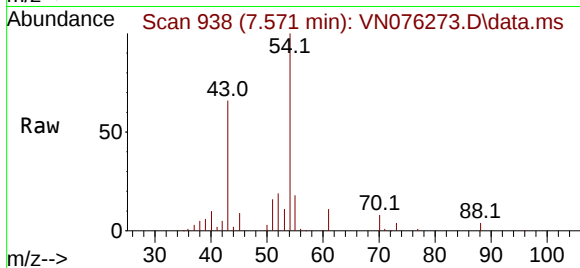
Tgt Ion: 43 Resp: 75810

Ion Ratio Lower Upper

43 100

61 14.4 11.1 16.7

70 12.0 10.0 15.0



#38

Carbon Tetrachloride

Concen: 17.929 ug/l

RT: 8.365 min Scan# 1073

Delta R.T. -0.000 min

Lab File: VN076273.D

Acq: 17 Jan 2023 12:14

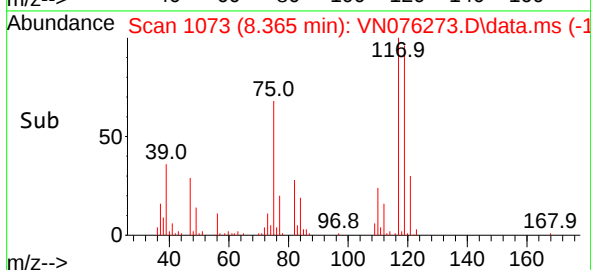
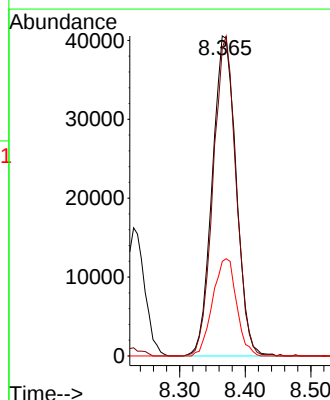
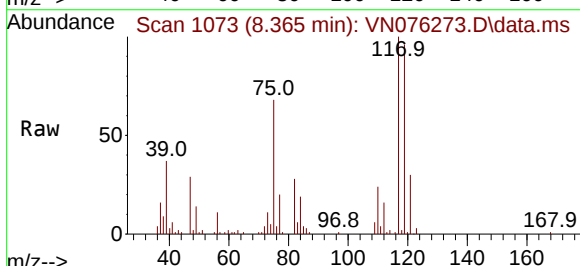
Tgt Ion: 117 Resp: 102385

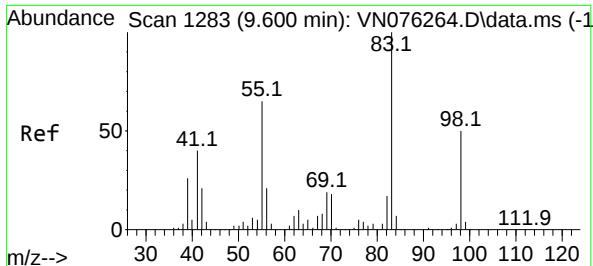
Ion Ratio Lower Upper

117 100

119 96.2 75.4 113.0

121 29.6 24.2 36.2





#39

Methylcyclohexane

Concen: 18.286 ug/l

RT: 9.606 min Scan# 11284

Delta R.T. 0.006 min

Lab File: VN076273.D

Acq: 17 Jan 2023 12:14

Instrument :

MSVOA\_N

ClientSampleId :

VN0117WBS01

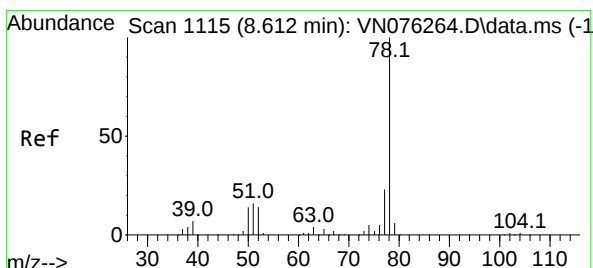
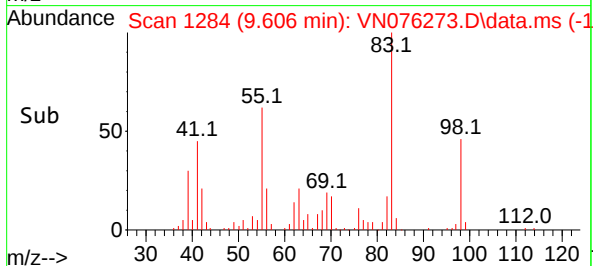
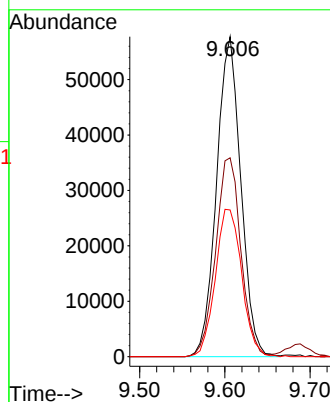
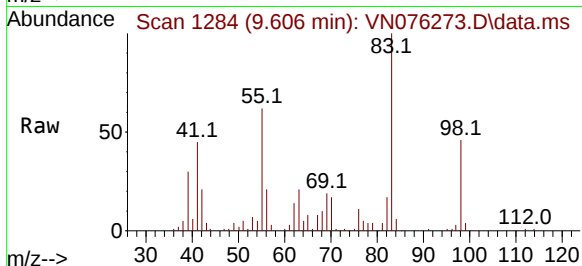
Tgt Ion: 83 Resp: 114351

Ion Ratio Lower Upper

83 100

55 62.1 51.7 77.5

98 45.8 40.0 60.0



#40

Benzene

Concen: 18.206 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN076273.D

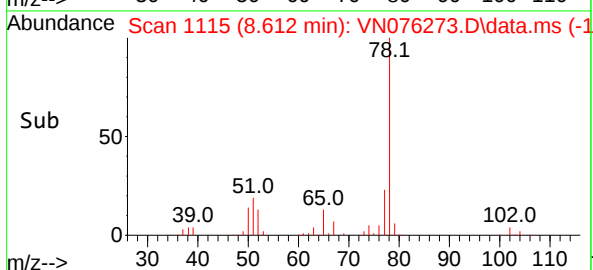
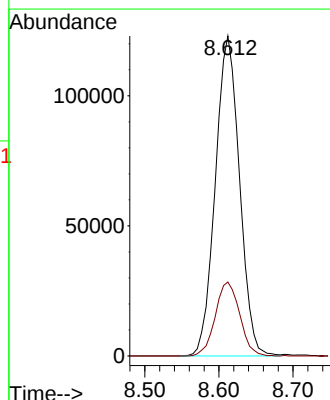
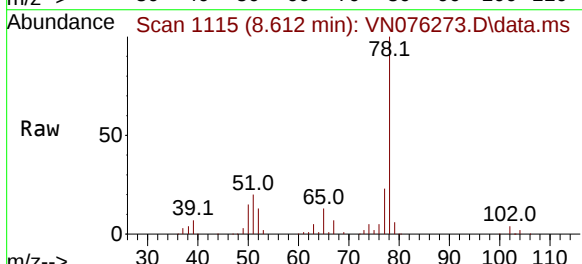
Acq: 17 Jan 2023 12:14

Tgt Ion: 78 Resp: 278770

Ion Ratio Lower Upper

78 100

77 23.1 18.6 28.0

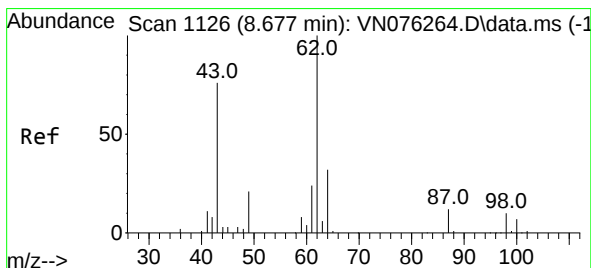
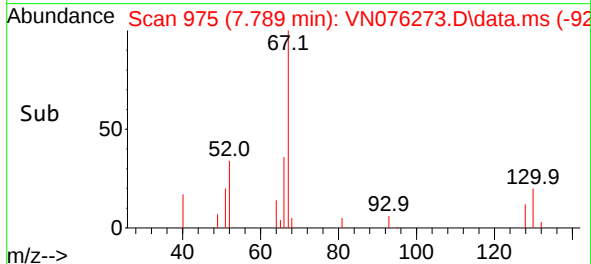
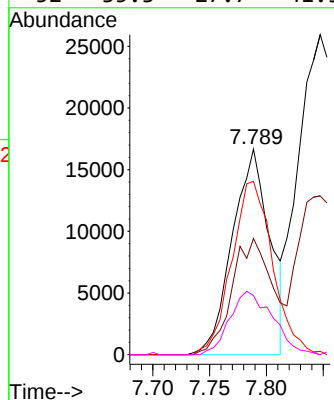
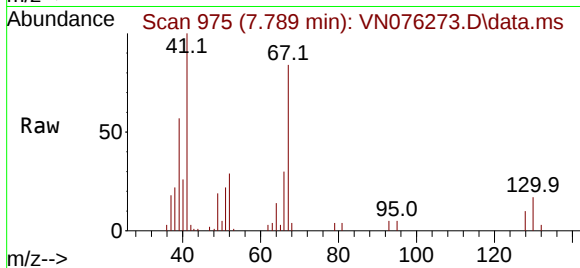




#41  
Methacrylonitrile  
Concen: 17.754 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. 0.001 min  
Lab File: VN076273.D  
Acq: 17 Jan 2023 12:14

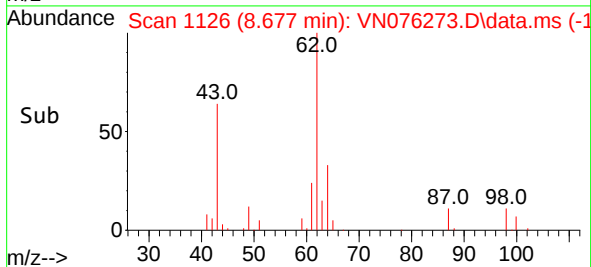
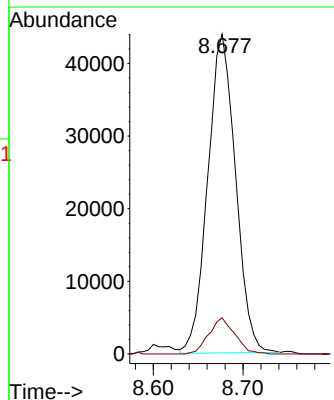
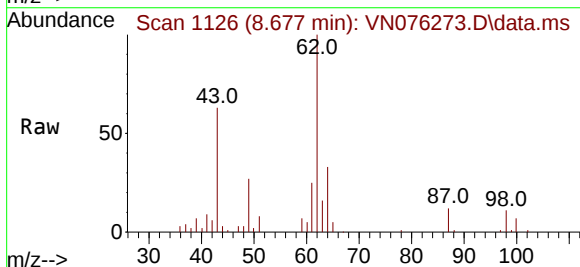
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0117WBS01

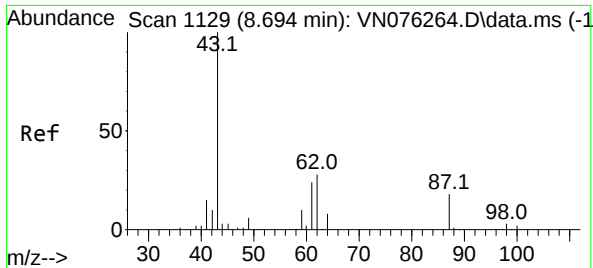
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 38181 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 62.8  | 42.4  | 63.6  |
| 67       | 92.2  | 68.8  | 103.2 |
| 52       | 35.3  | 27.7  | 41.5  |



#42  
1,2-Dichloroethane  
Concen: 18.022 ug/l  
RT: 8.677 min Scan# 1126  
Delta R.T. -0.000 min  
Lab File: VN076273.D  
Acq: 17 Jan 2023 12:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 94415 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 10.6  | 0.0   | 20.4  |

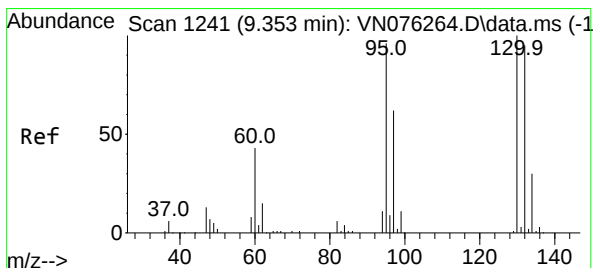
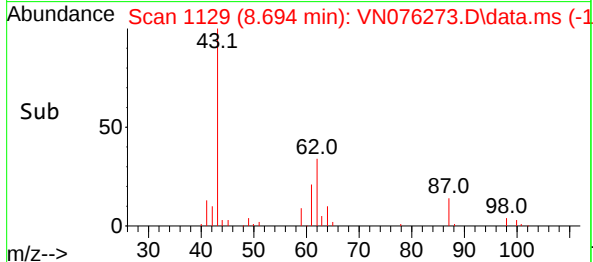
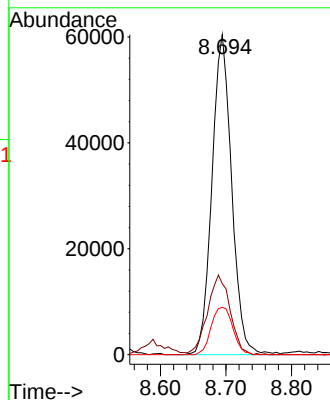
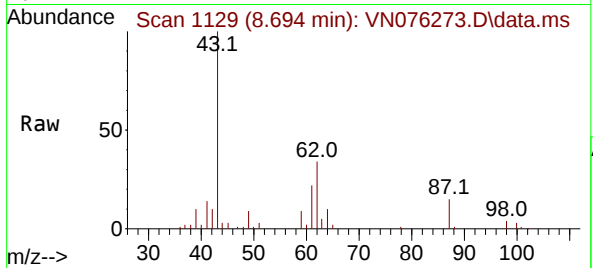




#43  
Isopropyl Acetate  
Concen: 18.870 ug/l  
RT: 8.694 min Scan# 1129  
Delta R.T. 0.000 min  
Lab File: VN076273.D  
Acq: 17 Jan 2023 12:14

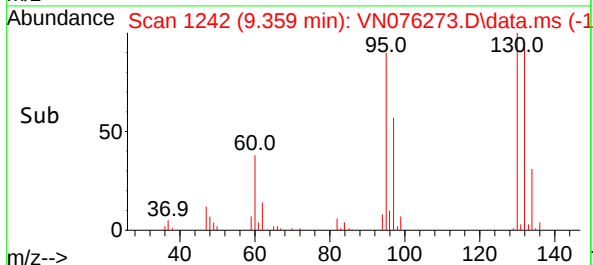
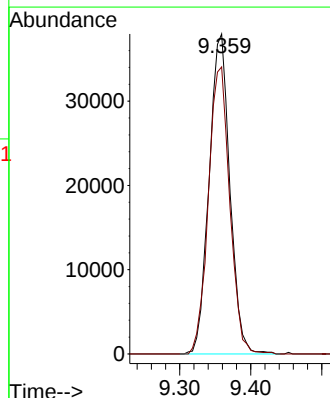
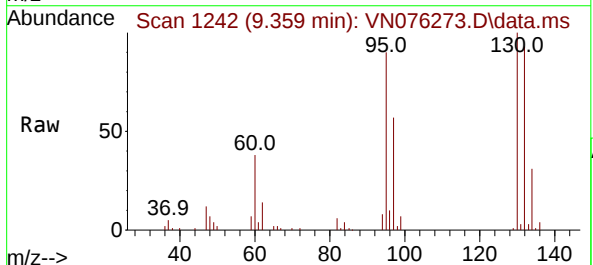
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0117WBS01

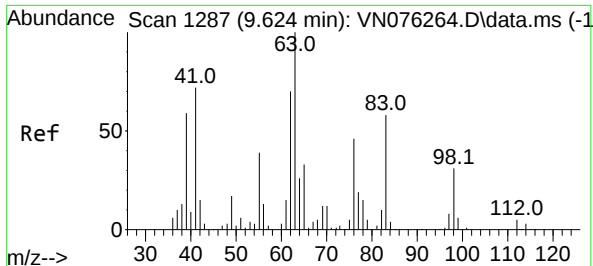
Tgt Ion: 43 Resp: 126086  
Ion Ratio Lower Upper  
43 100  
61 28.6 23.5 35.3  
87 16.2 13.8 20.6



#44  
Trichloroethene  
Concen: 17.794 ug/l  
RT: 9.359 min Scan# 1242  
Delta R.T. 0.006 min  
Lab File: VN076273.D  
Acq: 17 Jan 2023 12:14

Tgt Ion:130 Resp: 77063  
Ion Ratio Lower Upper  
130 100  
95 89.7 0.0 192.0





#45

1,2-Dichloropropane

Concen: 17.804 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076273.D

Acq: 17 Jan 2023 12:14

Instrument :

MSVOA\_N

ClientSampleId :

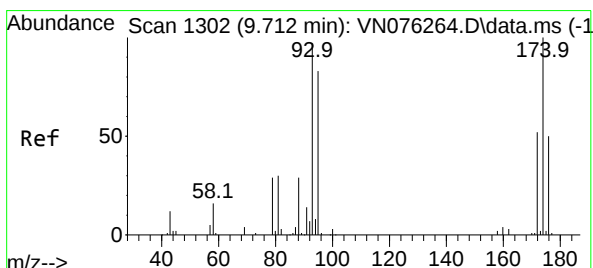
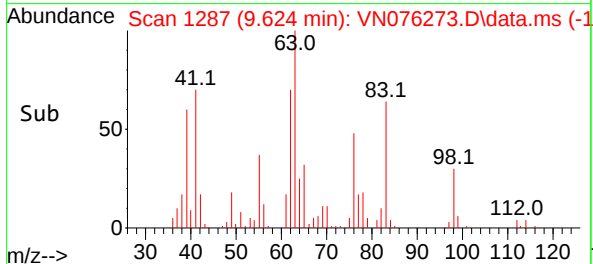
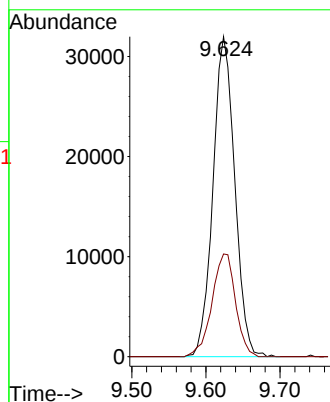
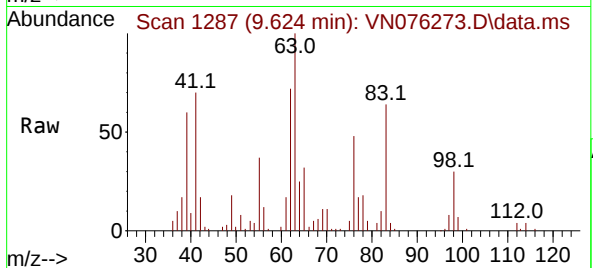
VN0117WBS01

Tgt Ion: 63 Resp: 65269

Ion Ratio Lower Upper

63 100

65 32.1 26.4 39.6



#46

Dibromomethane

Concen: 18.074 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076273.D

Acq: 17 Jan 2023 12:14

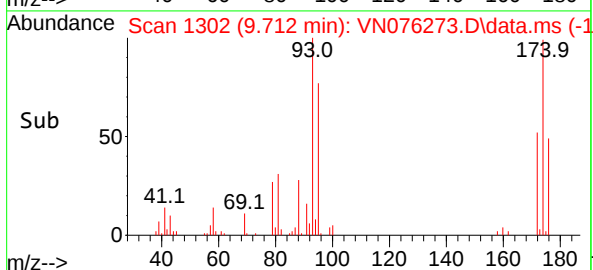
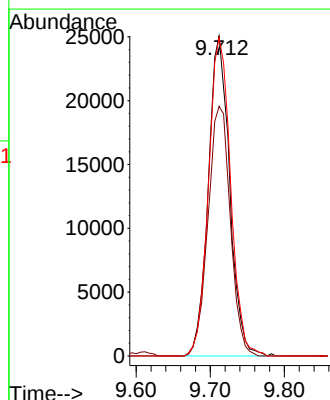
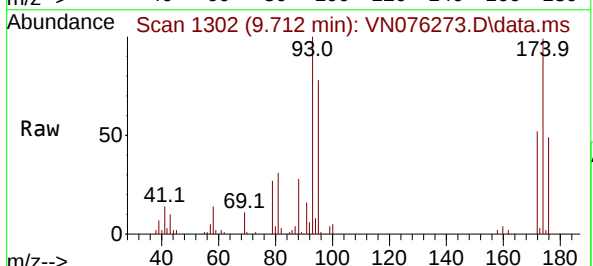
Tgt Ion: 93 Resp: 50026

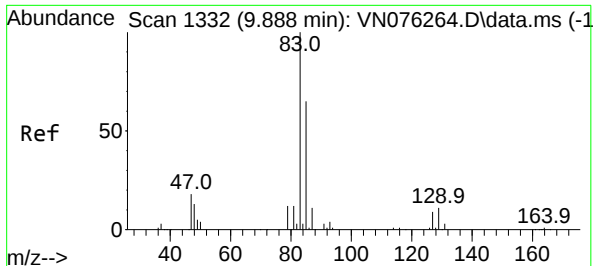
Ion Ratio Lower Upper

93 100

95 82.0 66.0 99.0

174 103.2 81.3 121.9

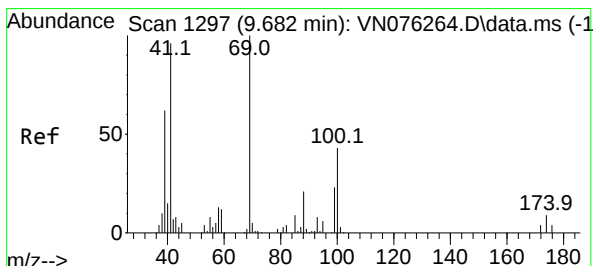
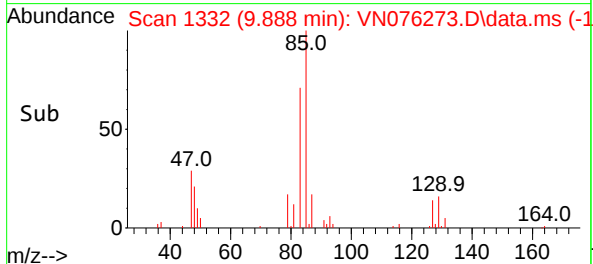
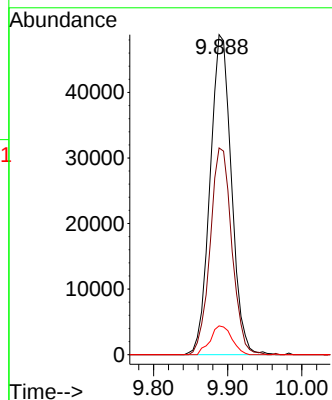
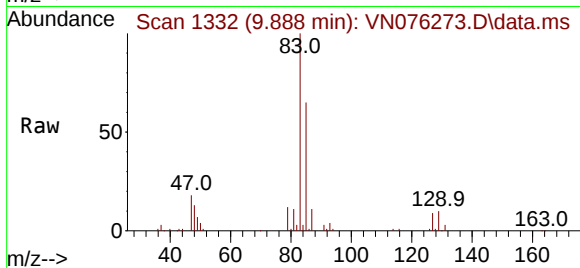




#47  
Bromodichloromethane  
Concen: 18.175 ug/l  
RT: 9.888 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN076273.D  
Acq: 17 Jan 2023 12:14

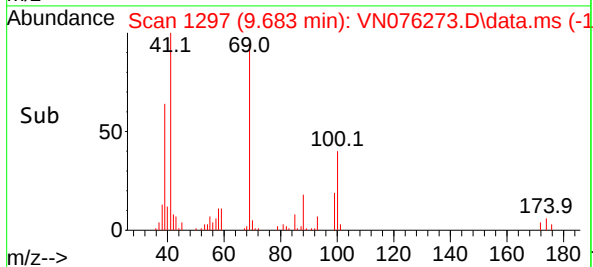
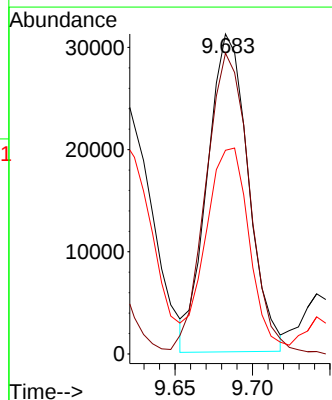
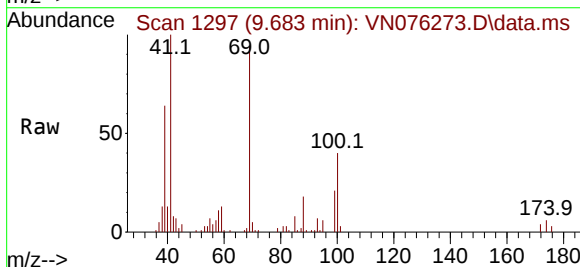
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0117WBS01

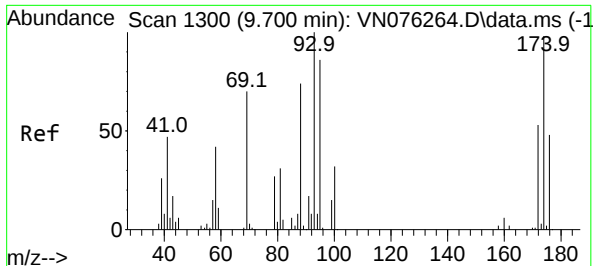
Tgt Ion: 83 Resp: 97570  
Ion Ratio Lower Upper  
83 100  
85 64.6 52.1 78.1  
127 9.0 7.4 11.0



#48  
Methyl methacrylate  
Concen: 18.126 ug/l  
RT: 9.683 min Scan# 1297  
Delta R.T. 0.001 min  
Lab File: VN076273.D  
Acq: 17 Jan 2023 12:14

Tgt Ion: 41 Resp: 57339  
Ion Ratio Lower Upper  
41 100  
69 100.6 80.8 121.2  
39 69.7 54.4 81.6





#49

1,4-Dioxane

Concen: 370.455 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN076273.D

Acq: 17 Jan 2023 12:14

Instrument :

MSVOA\_N

ClientSampleId :

VN0117WBS01

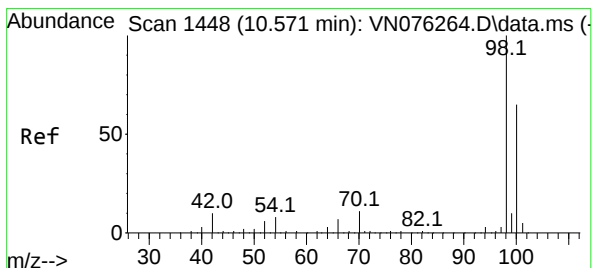
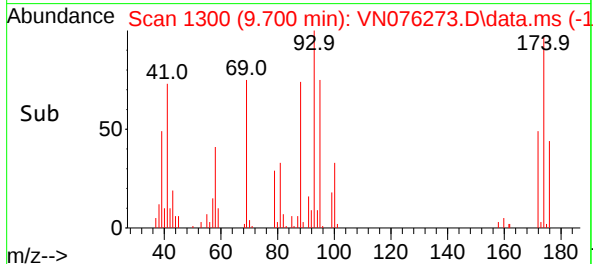
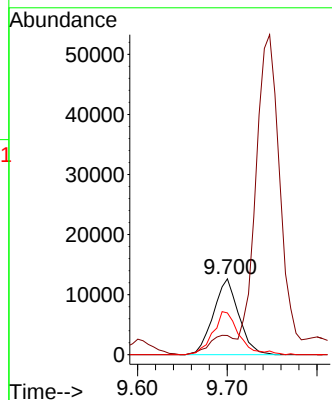
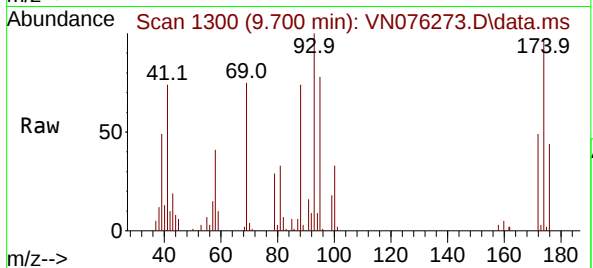
Tgt Ion: 88 Resp: 24727

Ion Ratio Lower Upper

88 100

43 24.1 18.1 27.1

58 58.7 46.5 69.7



#50

Toluene-d8

Concen: 51.543 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076273.D

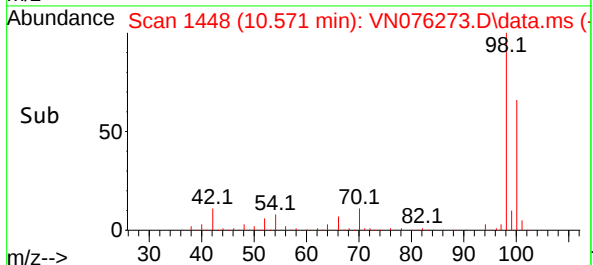
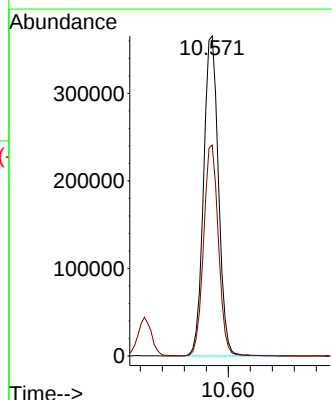
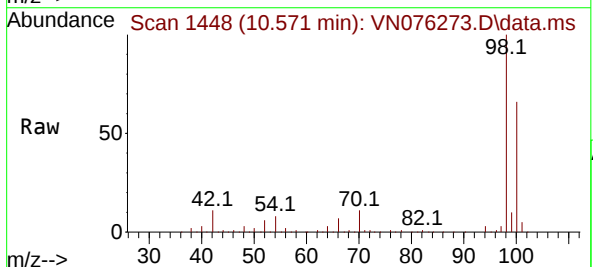
Acq: 17 Jan 2023 12:14

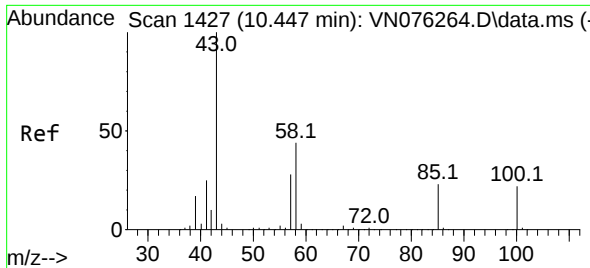
Tgt Ion: 98 Resp: 685985

Ion Ratio Lower Upper

98 100

100 65.8 52.2 78.4

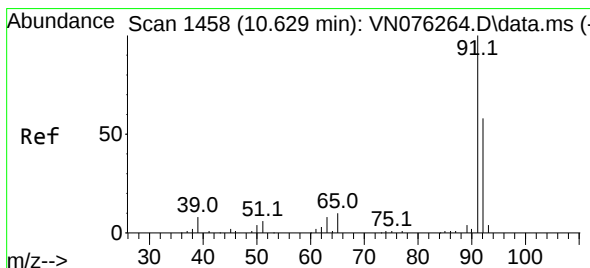
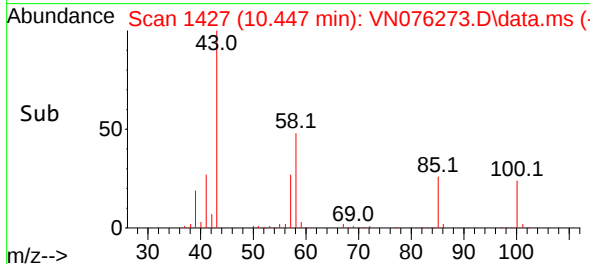
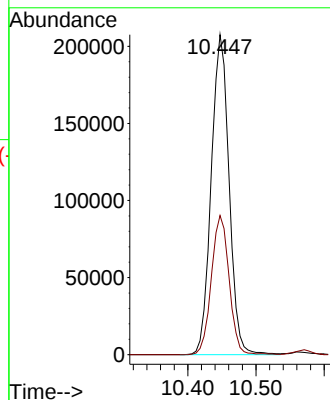
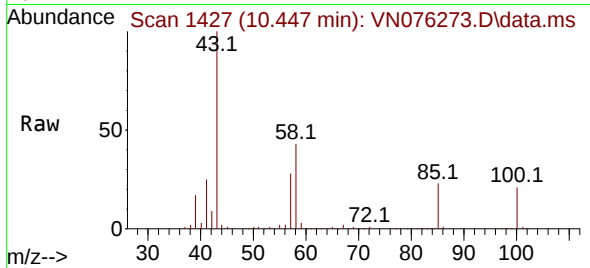




#51  
4-Methyl-2-Pentanone  
Concen: 96.473 ug/l  
RT: 10.447 min Scan# 1427  
Delta R.T. 0.000 min  
Lab File: VN076273.D  
Acq: 17 Jan 2023 12:14

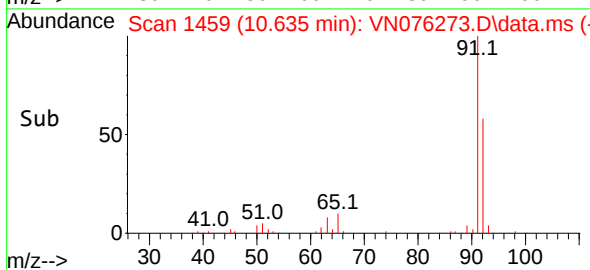
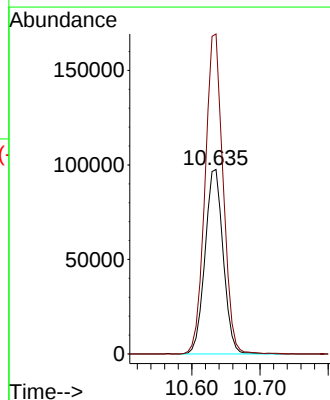
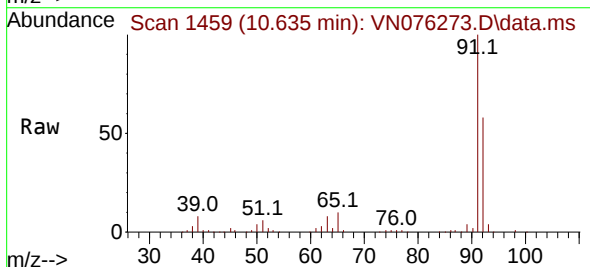
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0117WBS01

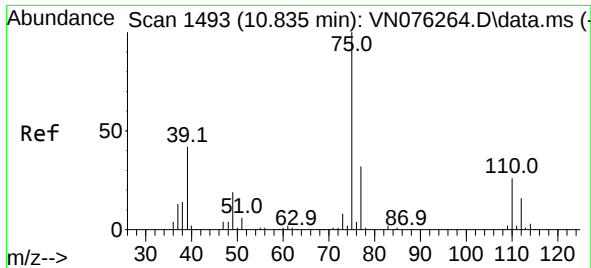
Tgt Ion: 43 Resp: 378417  
Ion Ratio Lower Upper  
43 100  
58 43.2 35.1 52.7



#52  
Toluene  
Concen: 17.682 ug/l  
RT: 10.635 min Scan# 1459  
Delta R.T. 0.006 min  
Lab File: VN076273.D  
Acq: 17 Jan 2023 12:14

Tgt Ion: 92 Resp: 181054  
Ion Ratio Lower Upper  
92 100  
91 171.8 136.6 205.0

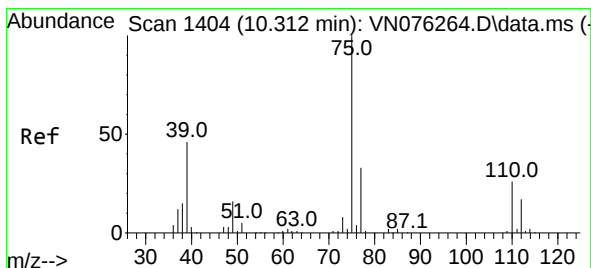
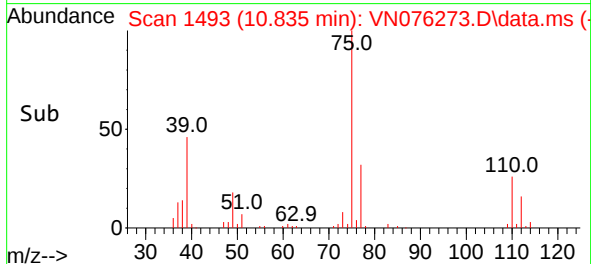
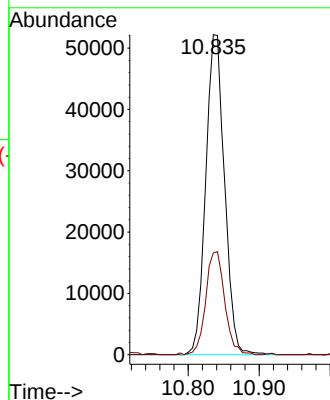
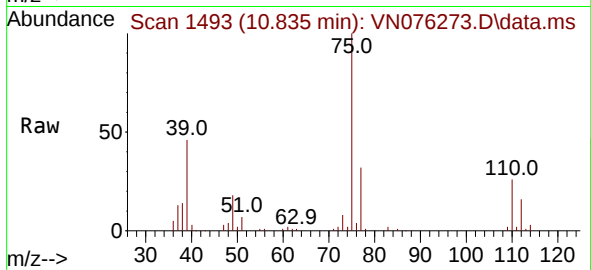




#53  
 t-1,3-Dichloropropene  
 Concen: 18.778 ug/l  
 RT: 10.835 min Scan# 1493  
 Delta R.T. 0.000 min  
 Lab File: VN076273.D  
 Acq: 17 Jan 2023 12:14

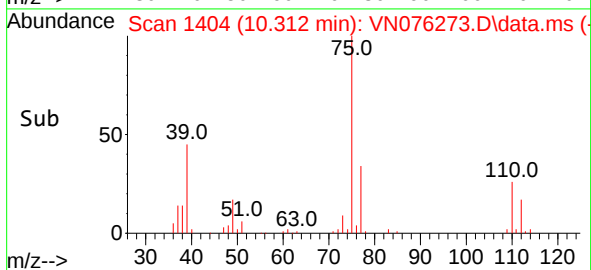
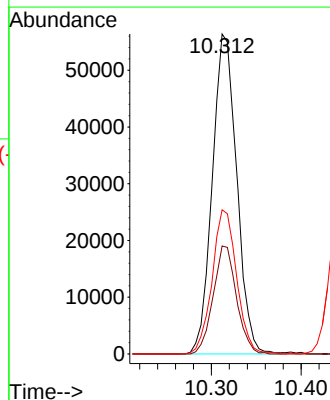
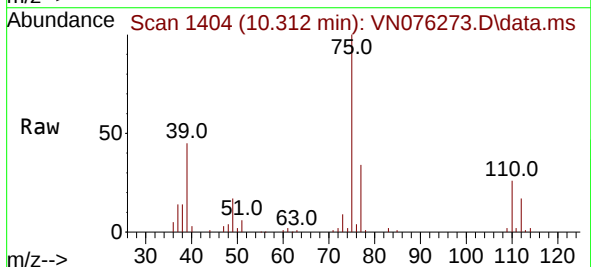
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0117WBS01

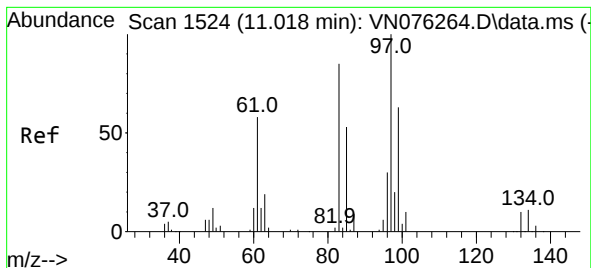
Tgt Ion: 75 Resp: 96099  
 Ion Ratio Lower Upper  
 75 100  
 77 31.8 25.8 38.6



#54  
 cis-1,3-Dichloropropene  
 Concen: 18.118 ug/l  
 RT: 10.312 min Scan# 1404  
 Delta R.T. -0.000 min  
 Lab File: VN076273.D  
 Acq: 17 Jan 2023 12:14

Tgt Ion: 75 Resp: 106671  
 Ion Ratio Lower Upper  
 75 100  
 77 33.7 26.5 39.7  
 39 45.1 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 18.418 ug/l

RT: 11.018 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076273.D

Acq: 17 Jan 2023 12:14

Instrument :

MSVOA\_N

ClientSampleId :

VN0117WBS01

Tgt Ion: 97 Resp: 72086

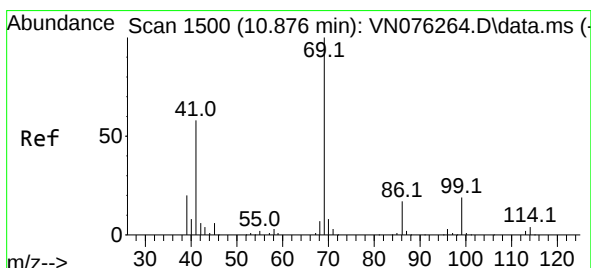
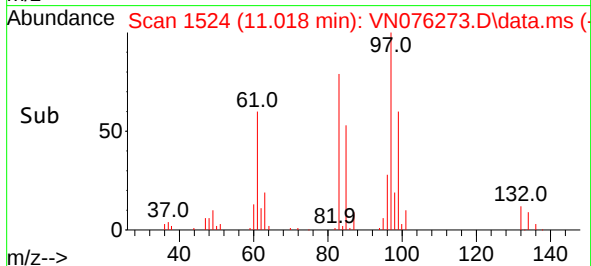
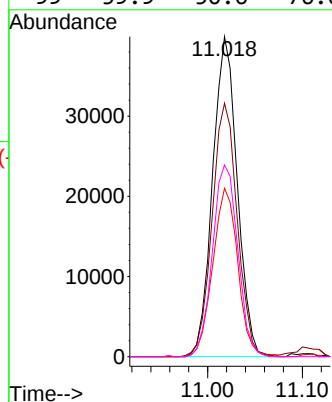
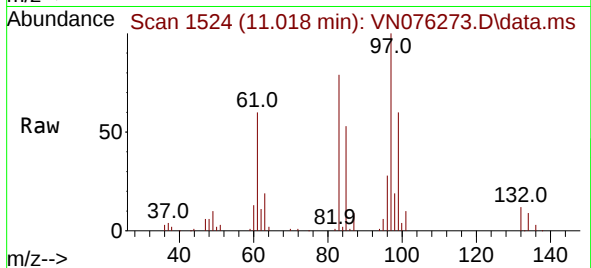
Ion Ratio Lower Upper

97 100

83 79.2 67.8 101.6

85 52.6 42.3 63.5

99 59.9 50.6 76.0



#56

Ethyl methacrylate

Concen: 19.526 ug/l

RT: 10.877 min Scan# 1500

Delta R.T. 0.001 min

Lab File: VN076273.D

Acq: 17 Jan 2023 12:14

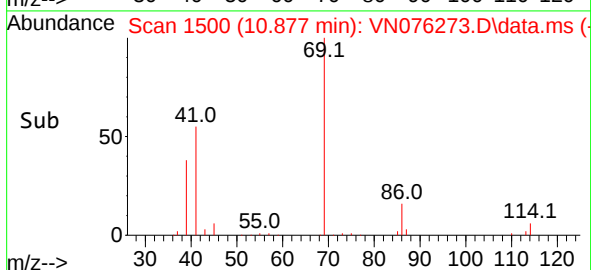
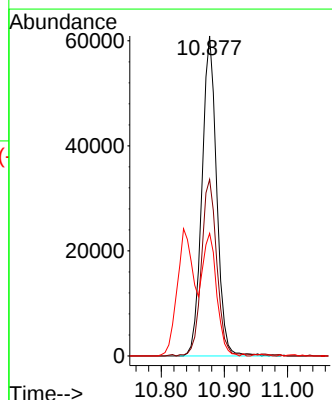
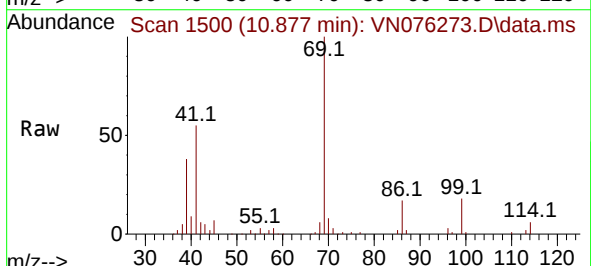
Tgt Ion: 69 Resp: 98667

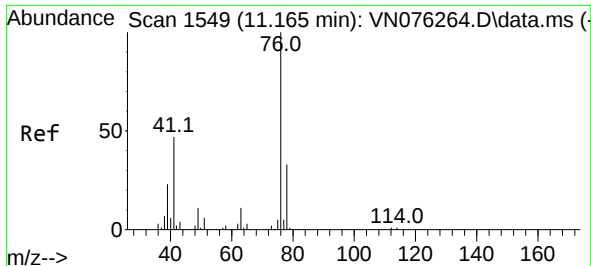
Ion Ratio Lower Upper

69 100

41 58.0 45.3 67.9

39 36.6 29.3 43.9





#57

1,3-Dichloropropane

Concen: 18.513 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076273.D

Acq: 17 Jan 2023 12:14

Instrument :

MSVOA\_N

ClientSampleId :

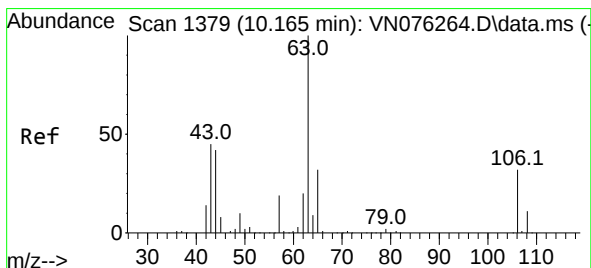
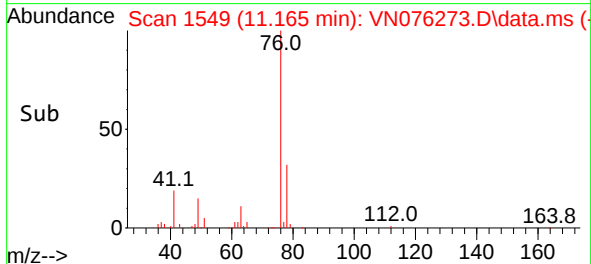
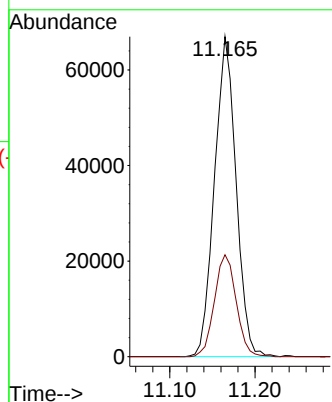
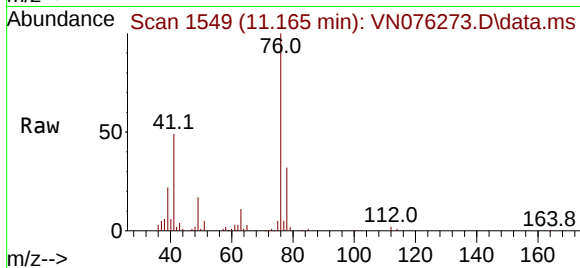
VN0117WBS01

Tgt Ion: 76 Resp: 117754

Ion Ratio Lower Upper

76 100

78 32.1 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 95.464 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN076273.D

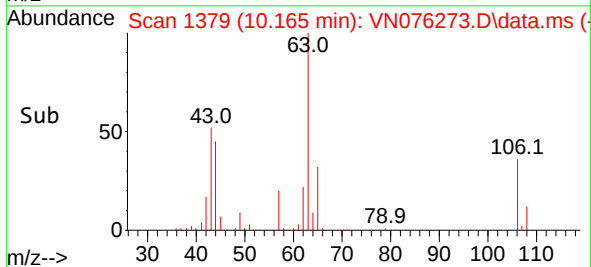
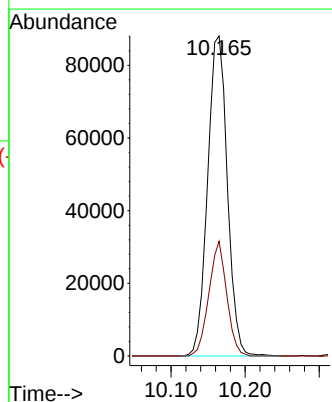
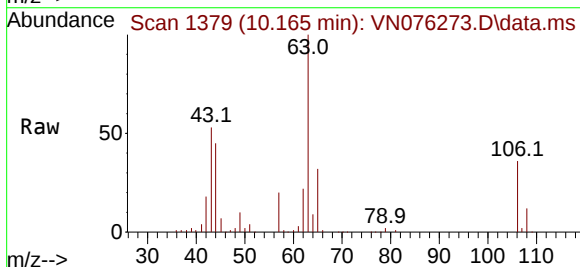
Acq: 17 Jan 2023 12:14

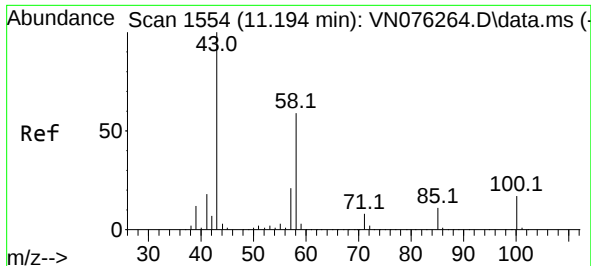
Tgt Ion: 63 Resp: 162849

Ion Ratio Lower Upper

63 100

106 32.4 26.2 39.2

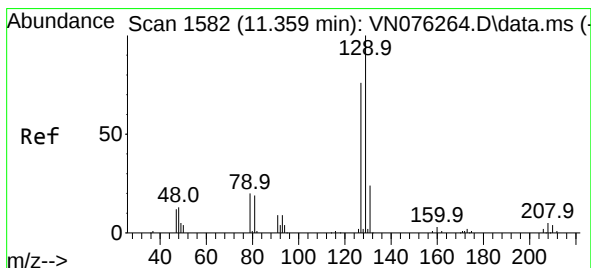
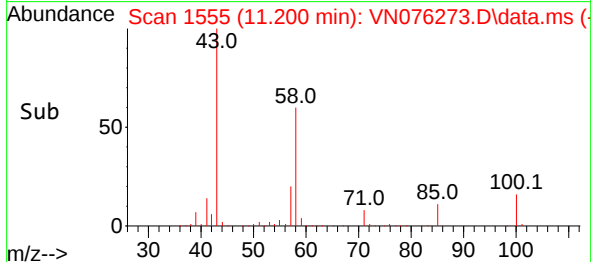
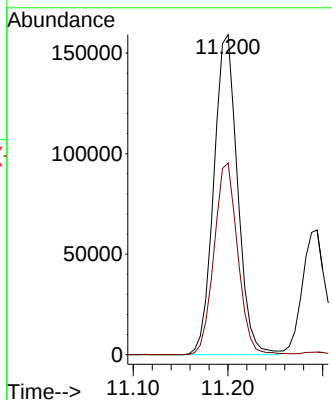
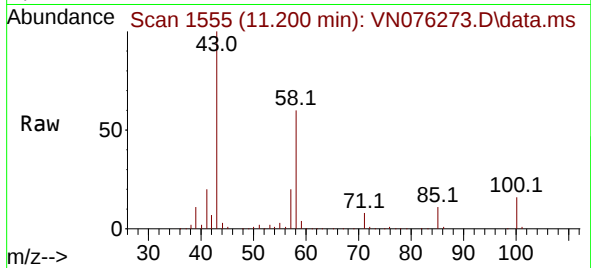




#59  
2-Hexanone  
Concen: 97.874 ug/l  
RT: 11.200 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN076273.D  
Acq: 17 Jan 2023 12:14

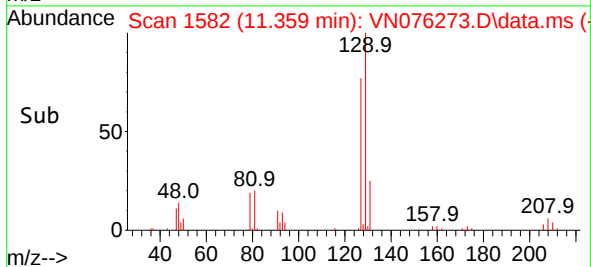
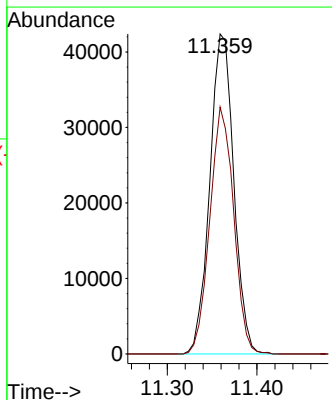
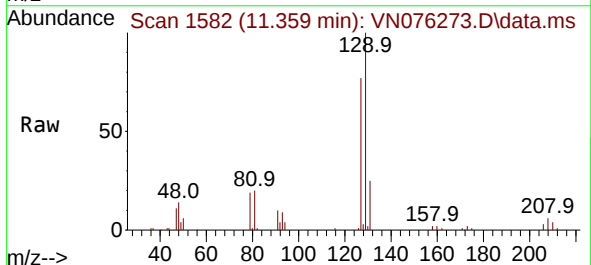
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0117WBS01

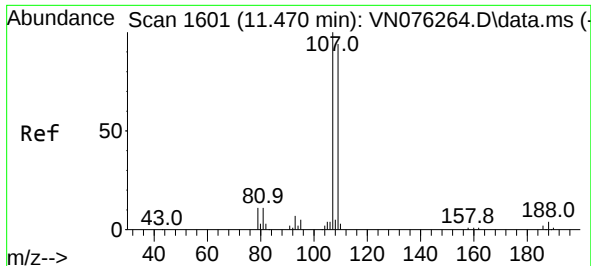
Tgt Ion: 43 Resp: 278205  
Ion Ratio Lower Upper  
43 100  
58 59.6 30.1 90.3



#60  
Dibromochloromethane  
Concen: 19.129 ug/l  
RT: 11.359 min Scan# 1582  
Delta R.T. -0.000 min  
Lab File: VN076273.D  
Acq: 17 Jan 2023 12:14

Tgt Ion: 129 Resp: 78814  
Ion Ratio Lower Upper  
129 100  
127 76.5 38.7 116.1

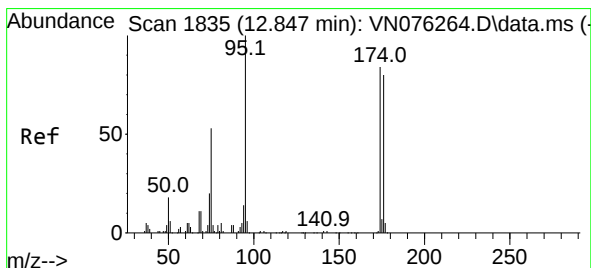
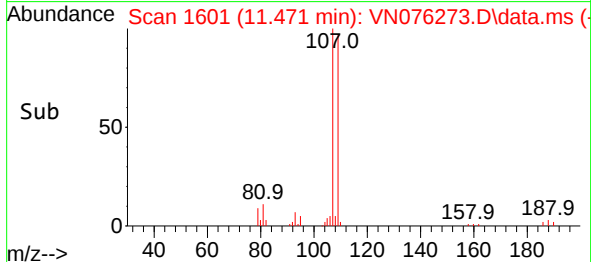
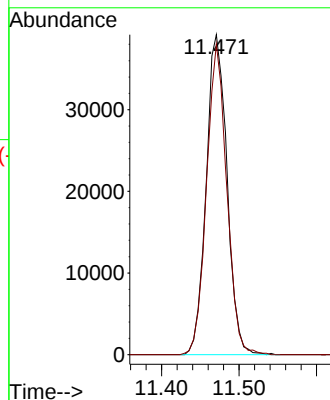
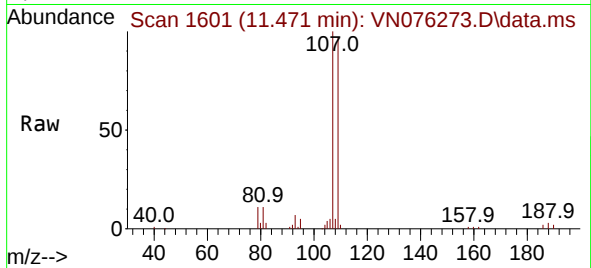




#61  
1,2-Dibromoethane  
Concen: 18.679 ug/l  
RT: 11.471 min Scan# 1601  
Delta R.T. 0.001 min  
Lab File: VN076273.D  
Acq: 17 Jan 2023 12:14

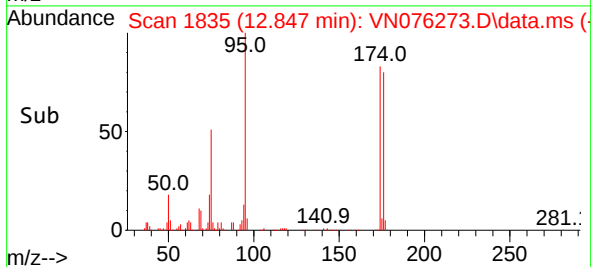
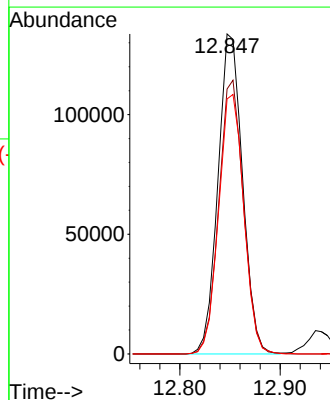
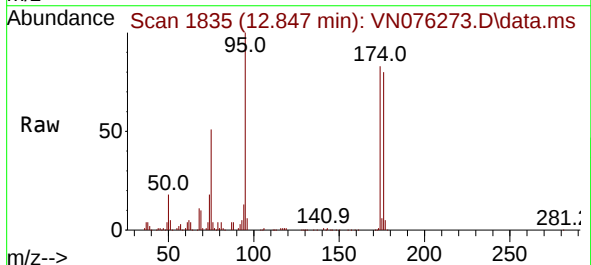
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0117WBS01

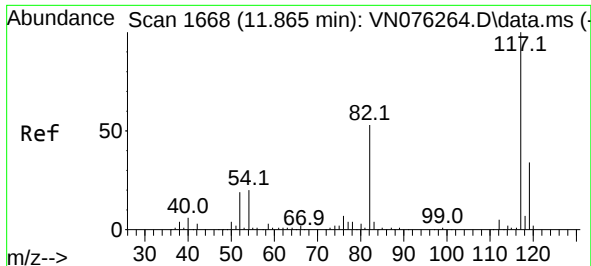
Tgt Ion:107 Resp: 72976  
Ion Ratio Lower Upper  
107 100  
109 94.5 76.0 114.0



#62  
4-Bromofluorobenzene  
Concen: 52.207 ug/l  
RT: 12.847 min Scan# 1835  
Delta R.T. 0.000 min  
Lab File: VN076273.D  
Acq: 17 Jan 2023 12:14

Tgt Ion: 95 Resp: 226828  
Ion Ratio Lower Upper  
95 100  
174 86.0 0.0 174.6  
176 82.9 0.0 167.8

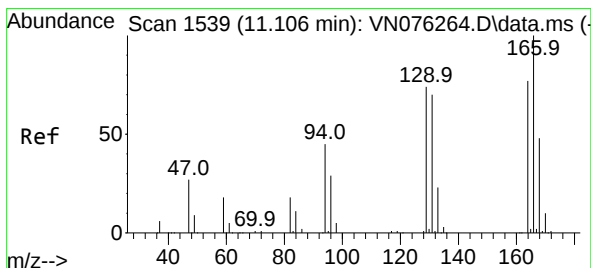
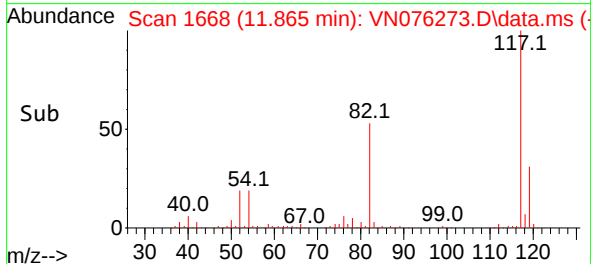
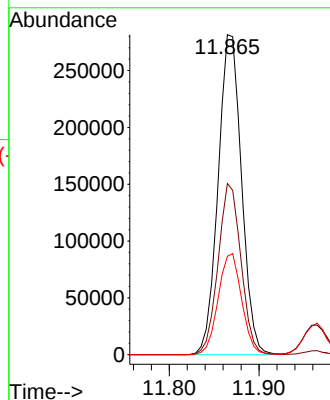
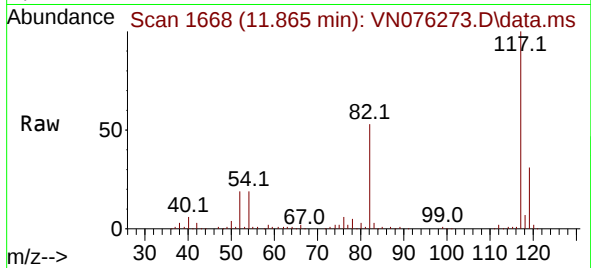




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN076273.D  
Acq: 17 Jan 2023 12:14

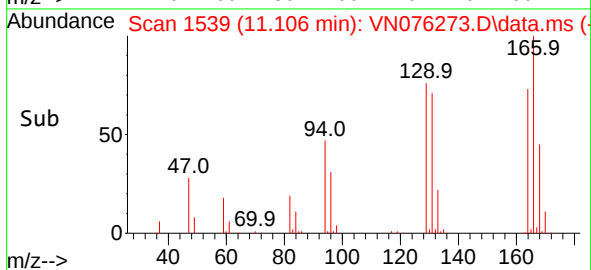
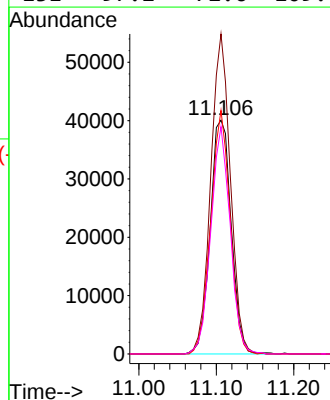
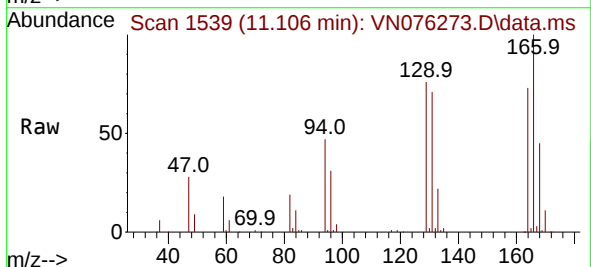
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0117WBS01

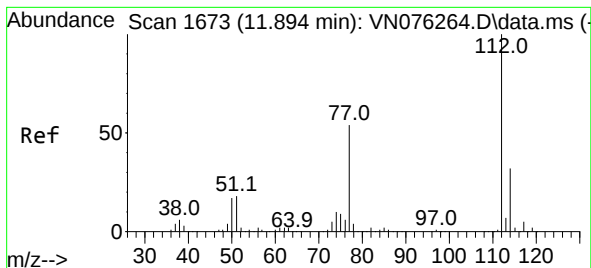
Tgt Ion:117 Resp: 510453  
Ion Ratio Lower Upper  
117 100  
82 53.5 42.2 63.2  
119 30.7 26.9 40.3



#64  
Tetrachloroethene  
Concen: 16.371 ug/l  
RT: 11.106 min Scan# 1539  
Delta R.T. -0.000 min  
Lab File: VN076273.D  
Acq: 17 Jan 2023 12:14

Tgt Ion:164 Resp: 75362  
Ion Ratio Lower Upper  
164 100  
166 136.9 104.0 156.0  
129 104.2 76.6 114.8  
131 97.2 72.6 109.0





#65

Chlorobenzene

Concen: 17.782 ug/l

RT: 11.894 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN076273.D

Acq: 17 Jan 2023 12:14

Instrument :

MSVOA\_N

ClientSampleId :

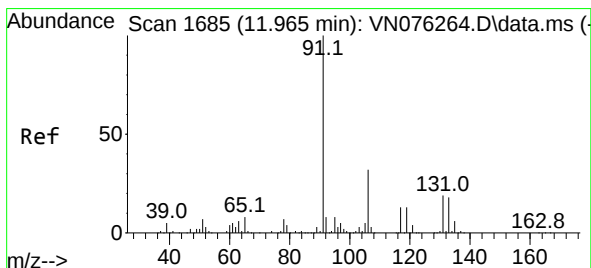
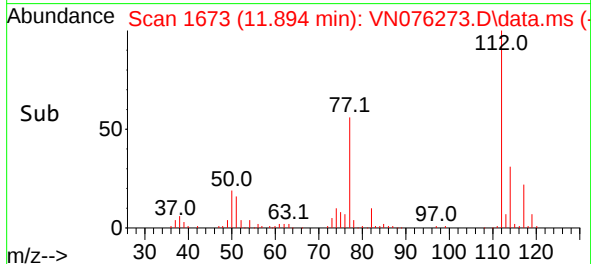
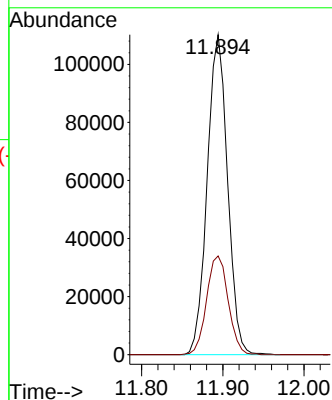
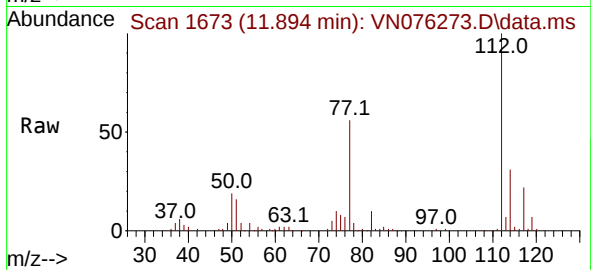
VN0117WBS01

Tgt Ion:112 Resp: 191878

Ion Ratio Lower Upper

112 100

114 30.8 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 18.358 ug/l

RT: 11.959 min Scan# 1684

Delta R.T. -0.006 min

Lab File: VN076273.D

Acq: 17 Jan 2023 12:14

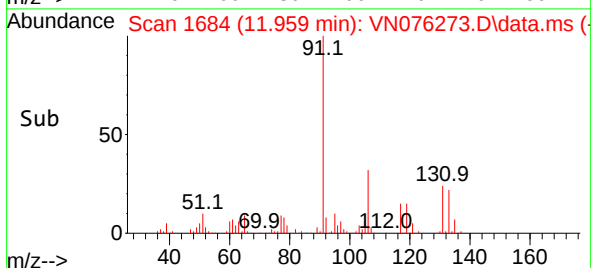
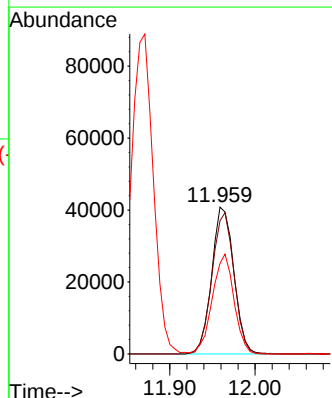
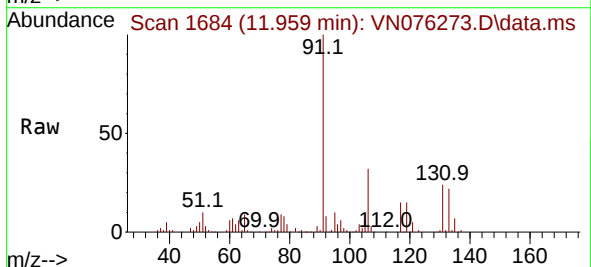
Tgt Ion:131 Resp: 73701

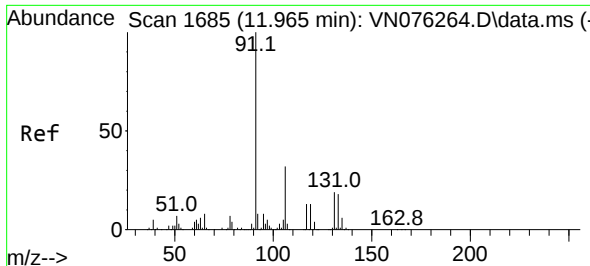
Ion Ratio Lower Upper

131 100

133 96.1 47.4 142.2

119 66.4 32.3 96.8

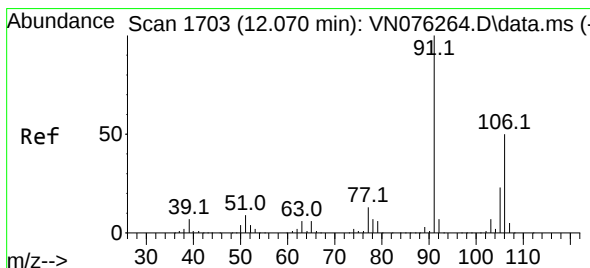
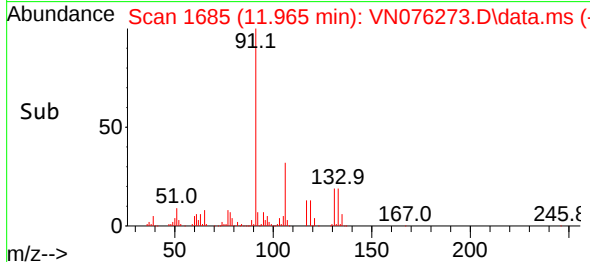
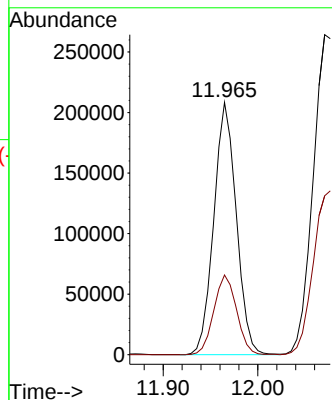
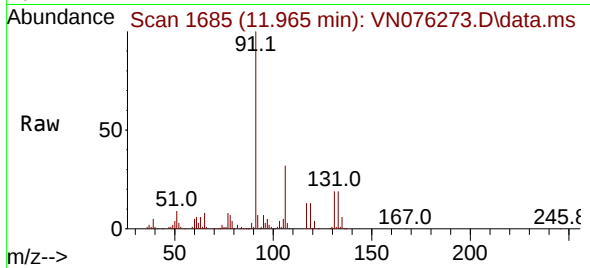




#67  
Ethyl Benzene  
Concen: 18.625 ug/l  
RT: 11.965 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN076273.D  
Acq: 17 Jan 2023 12:14

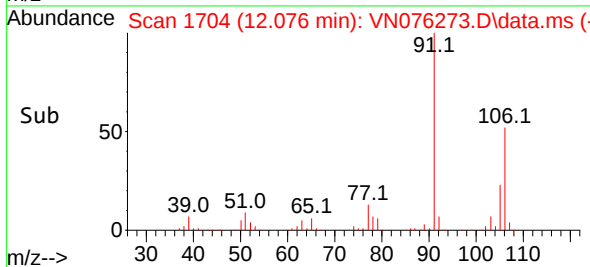
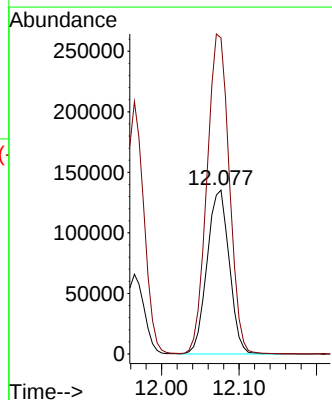
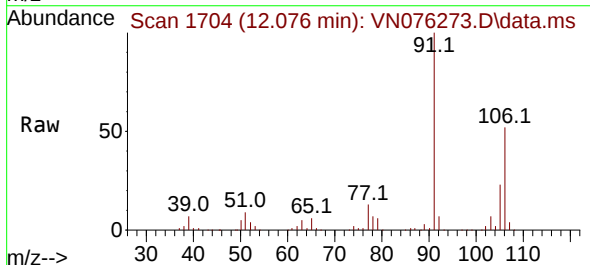
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0117WBS01

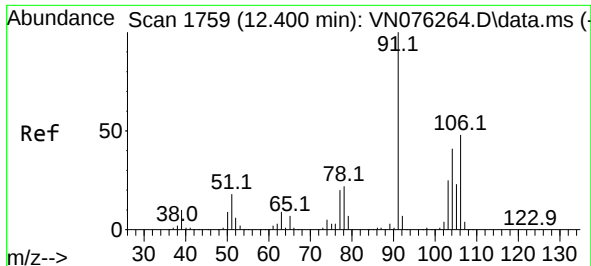
Tgt Ion: 91 Resp: 343961  
Ion Ratio Lower Upper  
91 100  
106 31.6 25.5 38.3



#68  
m/p-Xylenes  
Concen: 36.404 ug/l  
RT: 12.076 min Scan# 1704  
Delta R.T. 0.006 min  
Lab File: VN076273.D  
Acq: 17 Jan 2023 12:14

Tgt Ion:106 Resp: 269580  
Ion Ratio Lower Upper  
106 100  
91 196.8 157.5 236.3

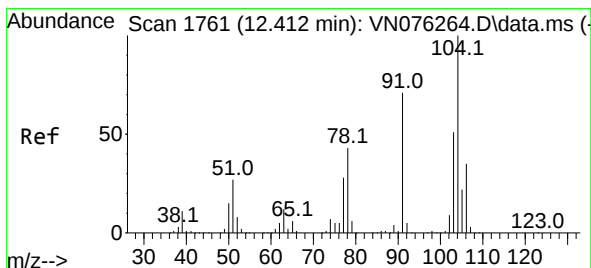
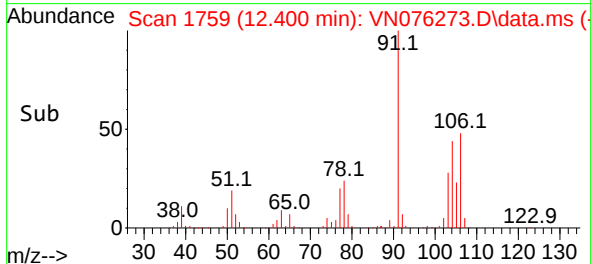
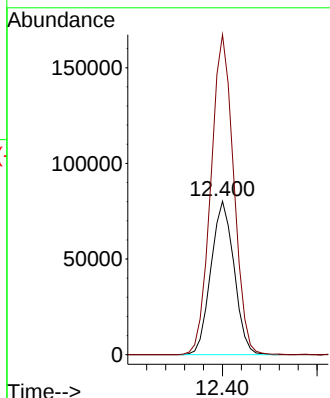
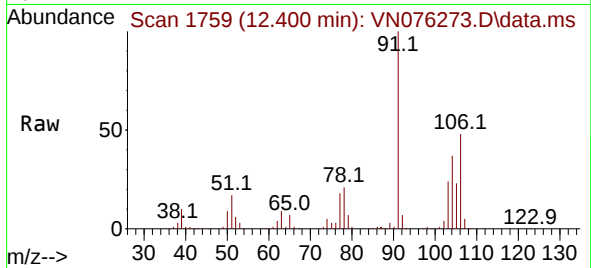




#69  
o-Xylene  
Concen: 18.705 ug/l  
RT: 12.400 min Scan# 1759  
Delta R.T. 0.000 min  
Lab File: VN076273.D  
Acq: 17 Jan 2023 12:14

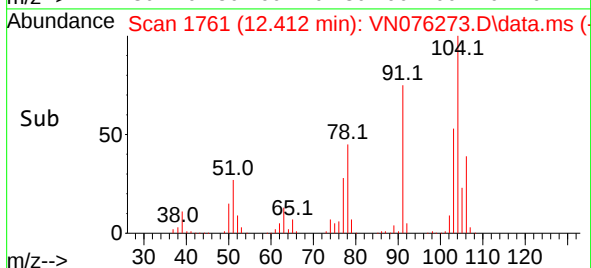
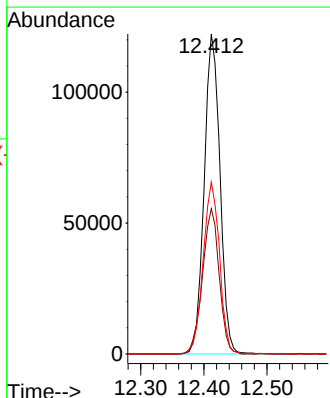
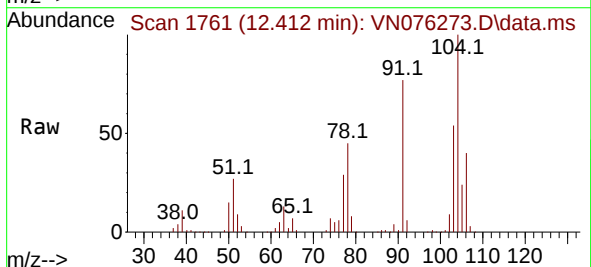
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0117WBS01

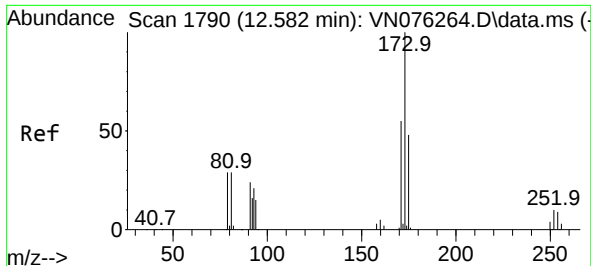
Tgt Ion:106 Resp: 136027  
Ion Ratio Lower Upper  
106 100  
91 205.9 103.2 309.4



#70  
Styrene  
Concen: 18.288 ug/l  
RT: 12.412 min Scan# 1761  
Delta R.T. -0.000 min  
Lab File: VN076273.D  
Acq: 17 Jan 2023 12:14

Tgt Ion:104 Resp: 212348  
Ion Ratio Lower Upper  
104 100  
78 47.8 37.4 56.0  
103 55.5 44.2 66.2

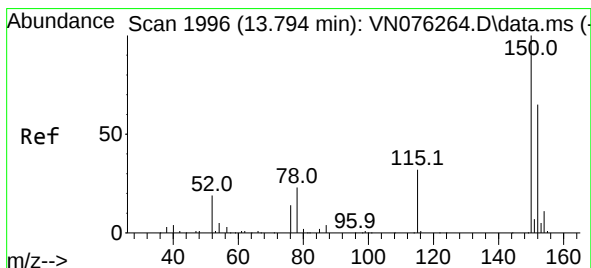
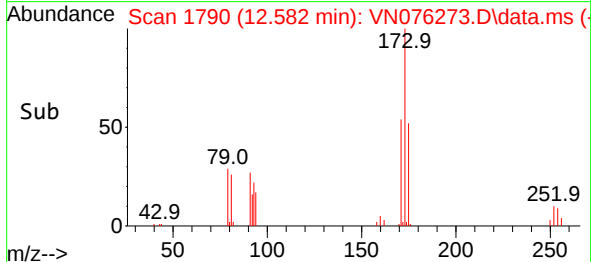
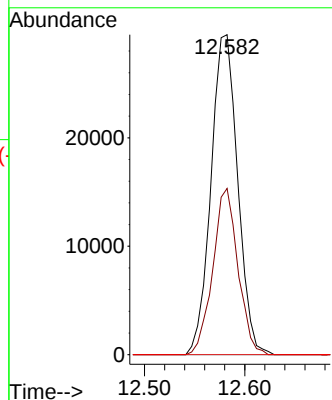
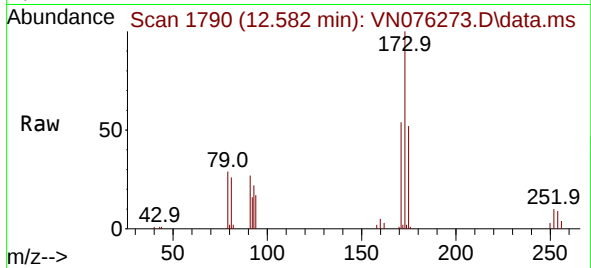




#71  
Bromoform  
Concen: 18.859 ug/l  
RT: 12.582 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN076273.D  
Acq: 17 Jan 2023 12:14

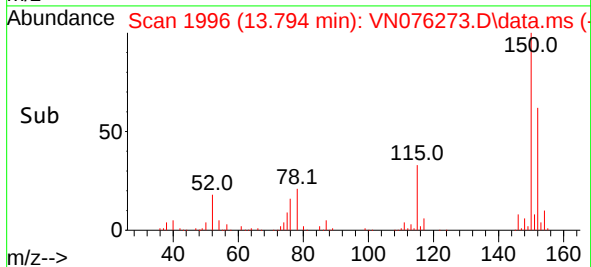
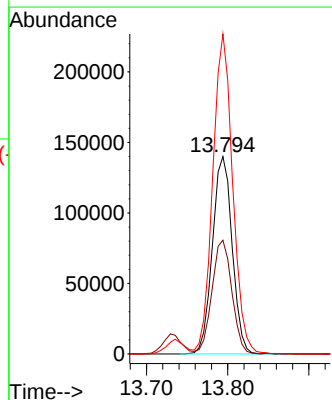
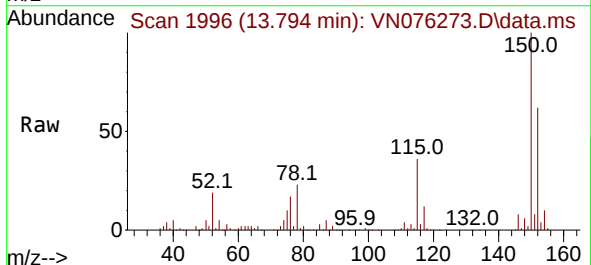
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0117WBS01

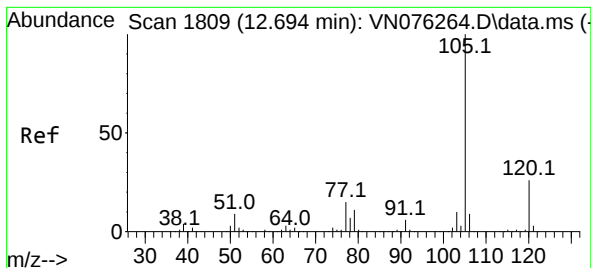
Tgt Ion:173 Resp: 54677  
Ion Ratio Lower Upper  
173 100  
175 48.8 24.1 72.4  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 1996  
Delta R.T. 0.000 min  
Lab File: VN076273.D  
Acq: 17 Jan 2023 12:14

Tgt Ion:152 Resp: 236667  
Ion Ratio Lower Upper  
152 100  
115 57.9 29.6 88.9  
150 163.3 0.0 351.4





#73

Isopropylbenzene

Concen: 18.832 ug/l

RT: 12.700 min Scan# 1809

Delta R.T. 0.006 min

Lab File: VN076273.D

Acq: 17 Jan 2023 12:14

Instrument :

MSVOA\_N

ClientSampleId :

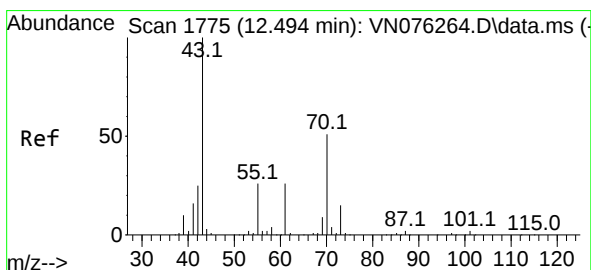
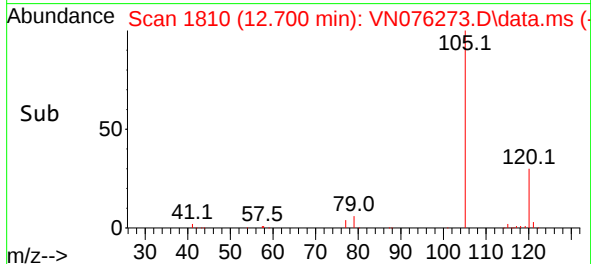
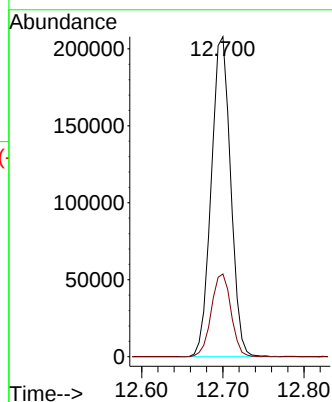
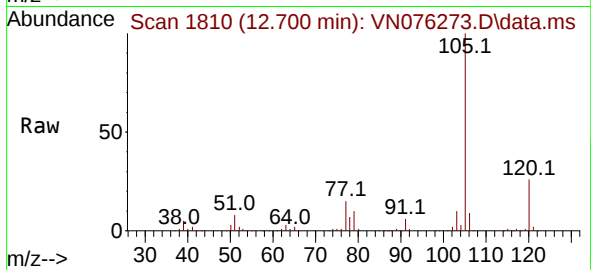
VN0117WBS01

Tgt Ion:105 Resp: 344784

Ion Ratio Lower Upper

105 100

120 26.2 13.4 40.1



#74

N-ethyl acetate

Concen: 19.467 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN076273.D

Acq: 17 Jan 2023 12:14

Tgt Ion: 43 Resp: 102522

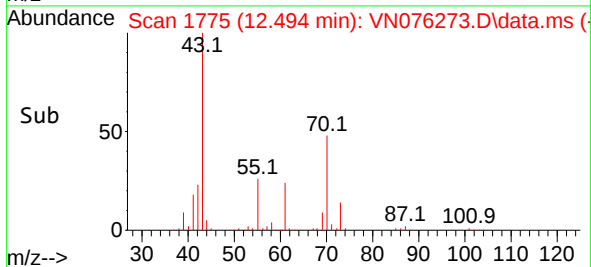
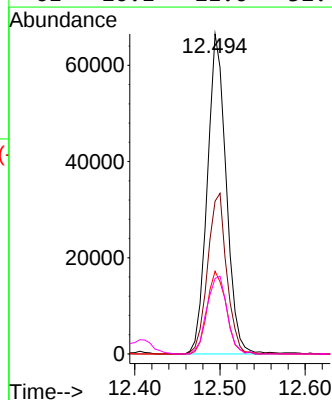
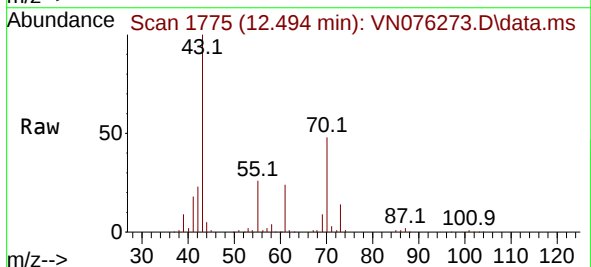
Ion Ratio Lower Upper

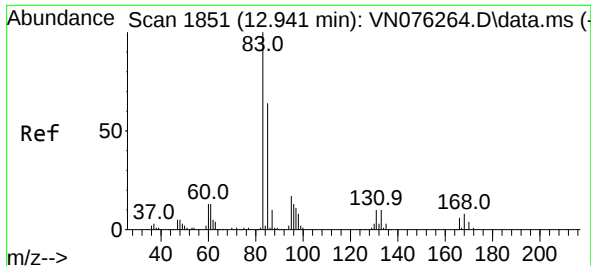
43 100

70 50.4 41.2 61.8

55 26.2 21.0 31.6

61 26.1 21.6 32.4

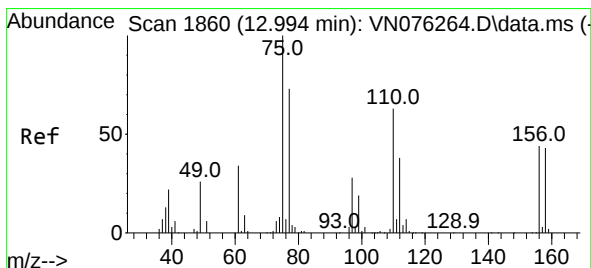
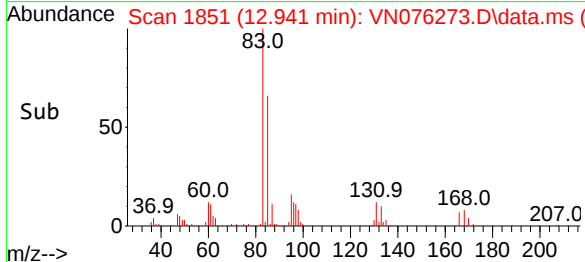
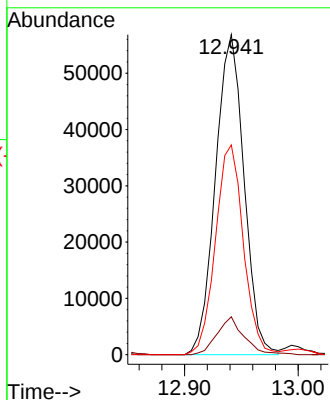
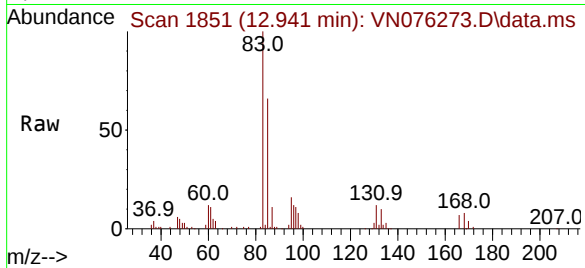




#75  
 1,1,2-Tetrachloroethane  
 Concen: 18.905 ug/l  
 RT: 12.941 min Scan# 1851  
 Delta R.T. 0.000 min  
 Lab File: VN076273.D  
 Acq: 17 Jan 2023 12:14

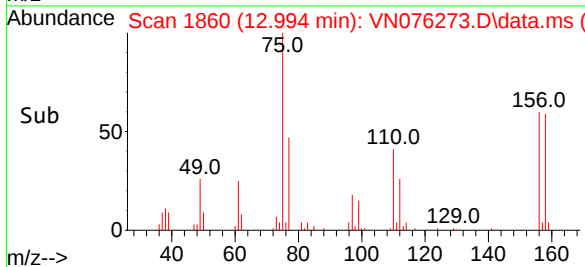
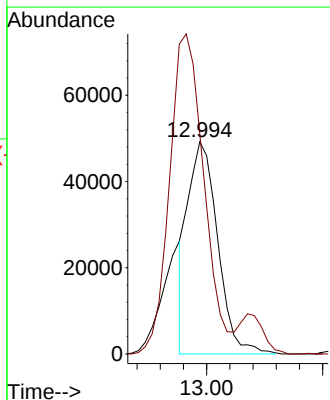
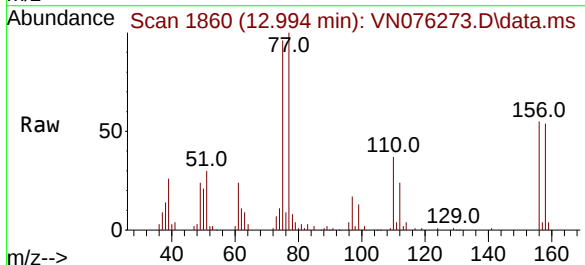
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0117WBS01

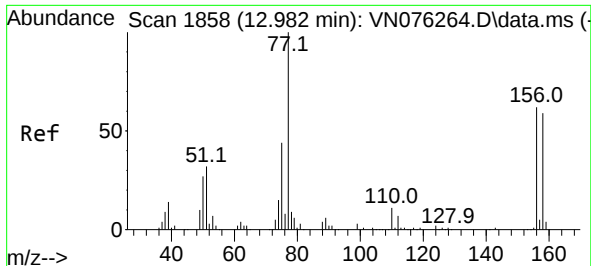
Tgt Ion: 83 Resp: 99503  
 Ion Ratio Lower Upper  
 83 100  
 131 11.2 5.5 16.4  
 85 64.0 31.7 95.1



#76  
 1,2,3-Trichloropropane  
 Concen: 19.905 ug/l m  
 RT: 12.994 min Scan# 1860  
 Delta R.T. 0.000 min  
 Lab File: VN076273.D  
 Acq: 17 Jan 2023 12:14

Tgt Ion: 75 Resp: 88279  
 Ion Ratio Lower Upper  
 75 100  
 77 173.4 75.2 225.6

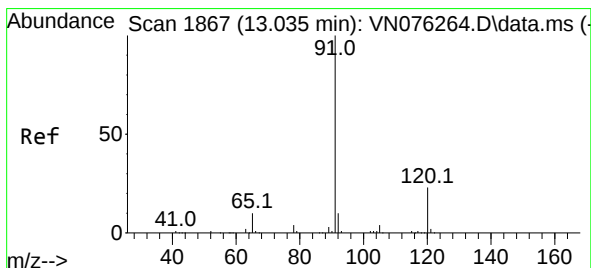
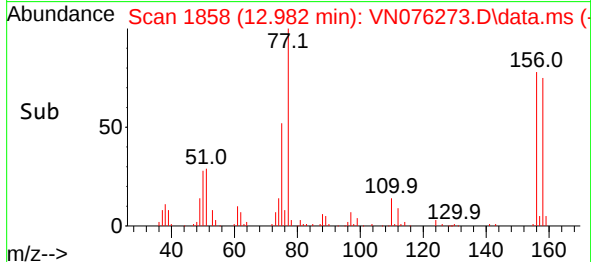
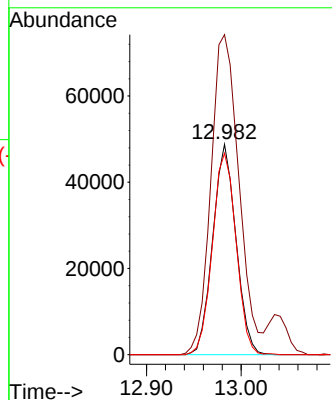
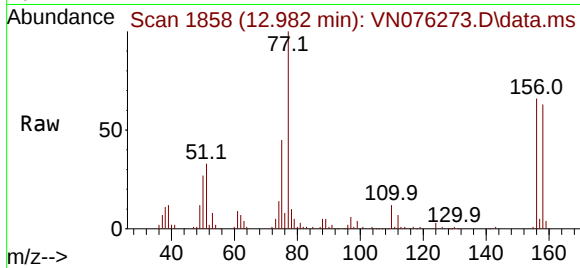




#77  
Bromobenzene  
Concen: 19.111 ug/l  
RT: 12.982 min Scan# 1858  
Delta R.T. 0.000 min  
Lab File: VN076273.D  
Acq: 17 Jan 2023 12:14

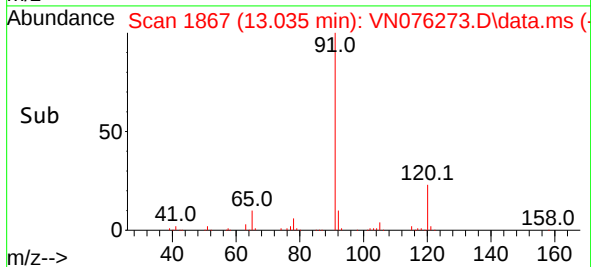
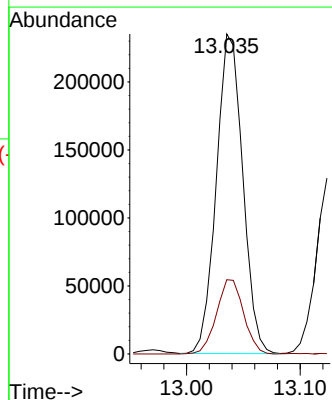
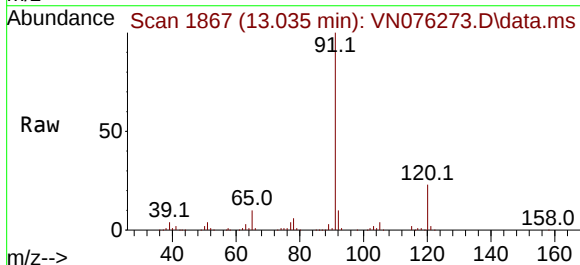
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0117WBS01

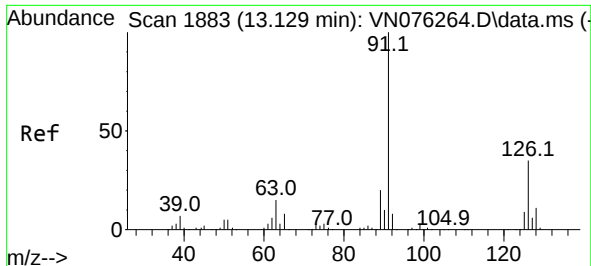
Tgt Ion:156 Resp: 83290  
Ion Ratio Lower Upper  
156 100  
77 183.7 93.4 280.2  
158 97.4 48.4 145.2



#78  
n-propylbenzene  
Concen: 18.378 ug/l  
RT: 13.035 min Scan# 1867  
Delta R.T. 0.000 min  
Lab File: VN076273.D  
Acq: 17 Jan 2023 12:14

Tgt Ion: 91 Resp: 379650  
Ion Ratio Lower Upper  
91 100  
120 23.8 11.9 35.5

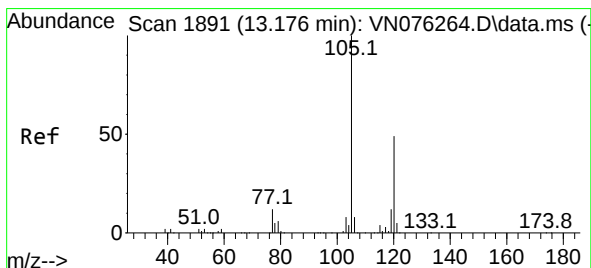
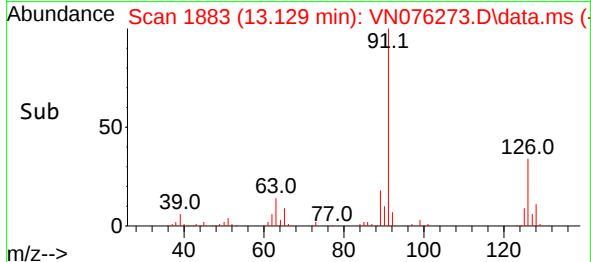
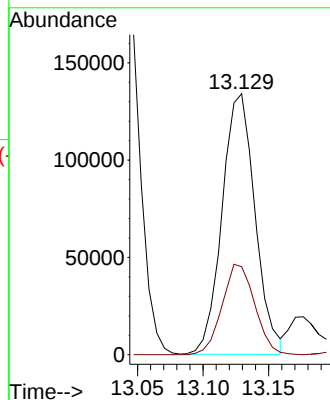
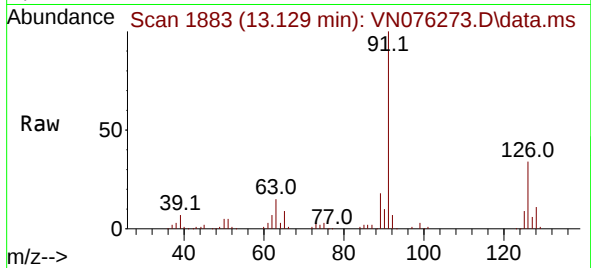




#79  
2-Chlorotoluene  
Concen: 18.501 ug/l  
RT: 13.129 min Scan# 1883  
Delta R.T. 0.000 min  
Lab File: VN076273.D  
Acq: 17 Jan 2023 12:14

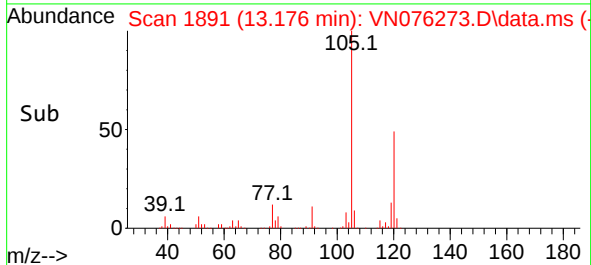
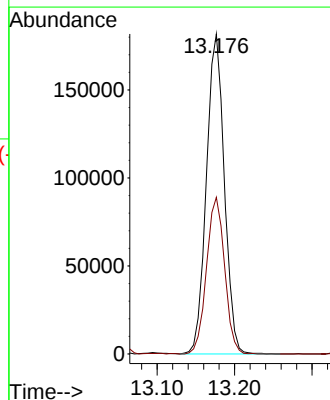
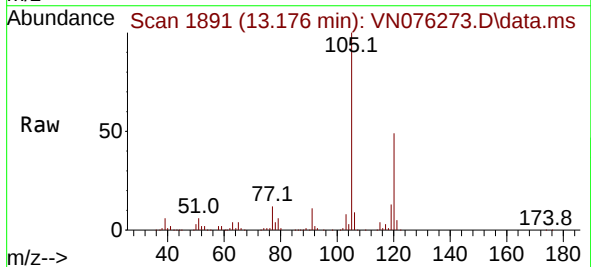
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0117WBS01

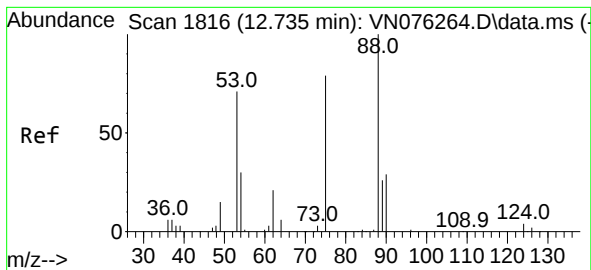
Tgt Ion: 91 Resp: 234527  
Ion Ratio Lower Upper  
91 100  
126 34.3 17.4 52.2



#80  
1,3,5-Trimethylbenzene  
Concen: 19.037 ug/l  
RT: 13.176 min Scan# 1891  
Delta R.T. 0.000 min  
Lab File: VN076273.D  
Acq: 17 Jan 2023 12:14

Tgt Ion: 105 Resp: 291991  
Ion Ratio Lower Upper  
105 100  
120 49.3 25.0 75.0

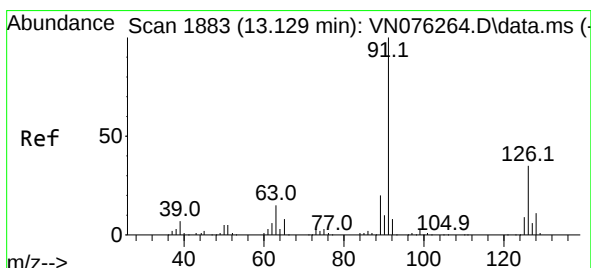
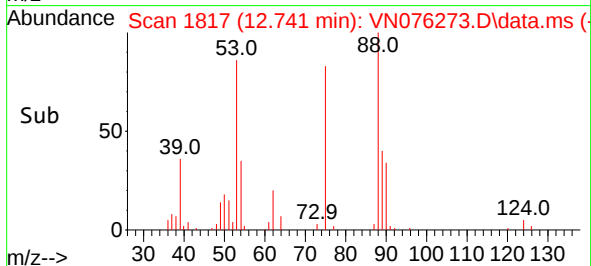
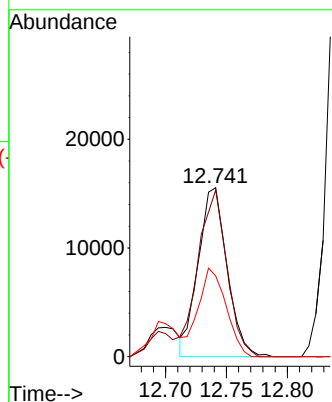
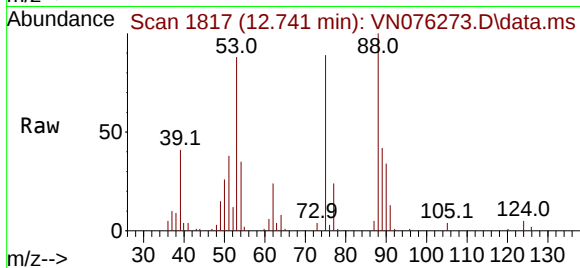




#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.056 ug/l  
RT: 12.741 min Scan# 1816  
Delta R.T. 0.006 min  
Lab File: VN076273.D  
Acq: 17 Jan 2023 12:14

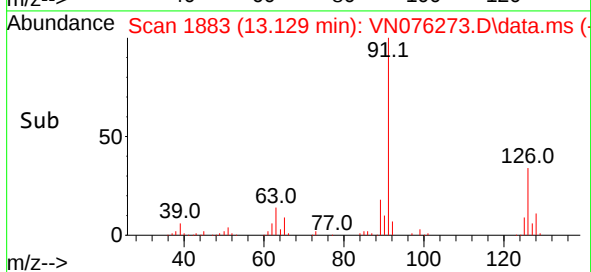
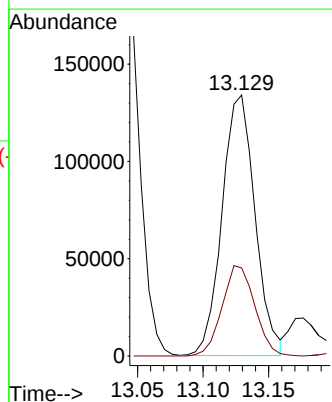
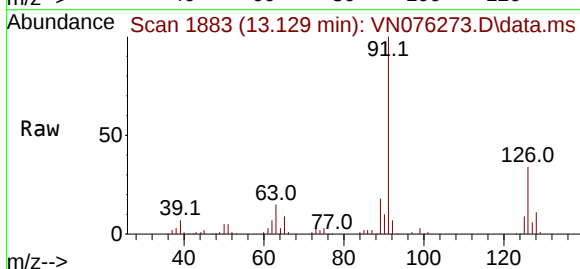
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0117WBS01

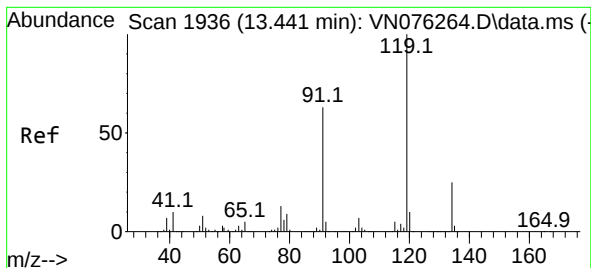
Tgt Ion: 75 Resp: 25683  
Ion Ratio Lower Upper  
75 100  
53 100.2 75.8 113.8  
89 51.4 37.0 55.6



#82  
4-Chlorotoluene  
Concen: 18.501 ug/l  
RT: 13.129 min Scan# 1883  
Delta R.T. 0.000 min  
Lab File: VN076273.D  
Acq: 17 Jan 2023 12:14

Tgt Ion: 91 Resp: 234527  
Ion Ratio Lower Upper  
91 100  
126 34.3 17.4 52.2





#83

tert-Butylbenzene

Concen: 18.566 ug/l

RT: 13.441 min Scan# 1936

Delta R.T. 0.000 min

Lab File: VN076273.D

Acq: 17 Jan 2023 12:14

Instrument :

MSVOA\_N

ClientSampleId :

VN0117WBS01

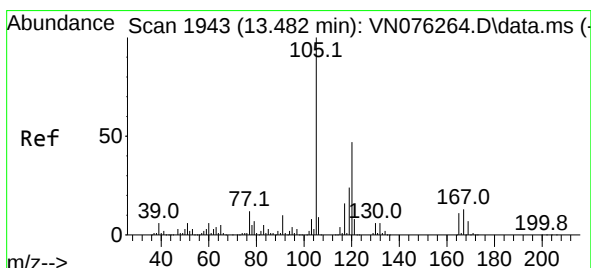
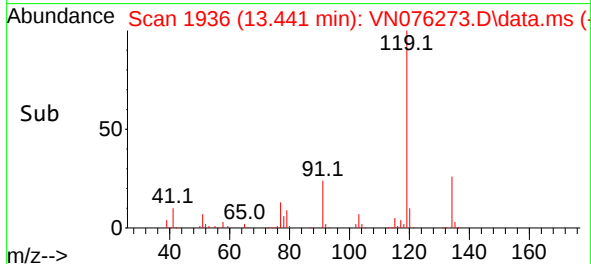
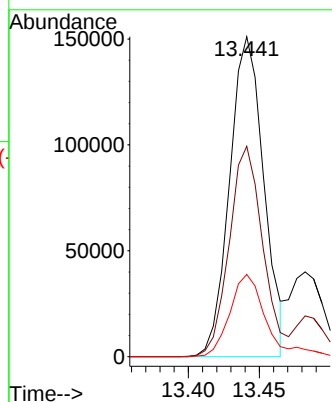
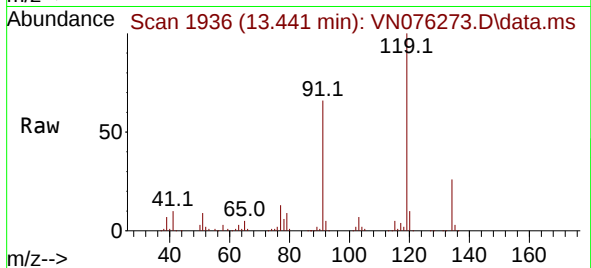
Tgt Ion:119 Resp: 253271

Ion Ratio Lower Upper

119 100

91 65.0 32.2 96.6

134 27.2 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 18.739 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN076273.D

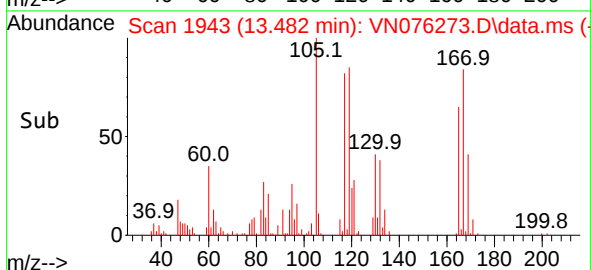
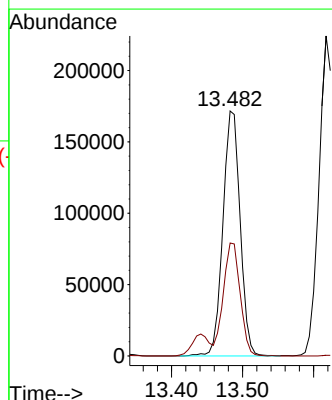
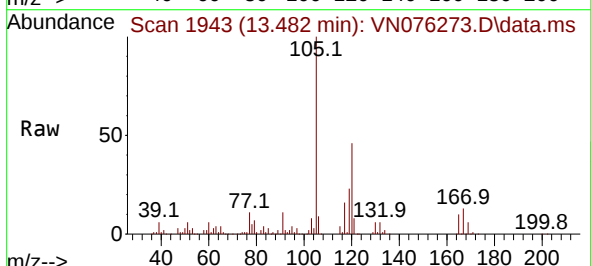
Acq: 17 Jan 2023 12:14

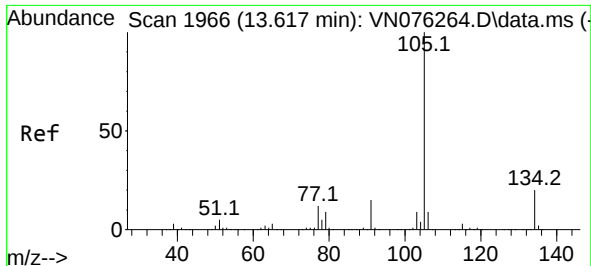
Tgt Ion:105 Resp: 288214

Ion Ratio Lower Upper

105 100

120 44.9 22.9 68.5

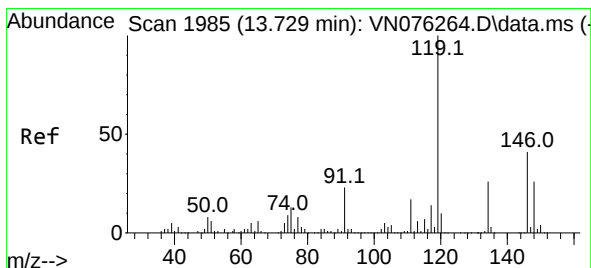
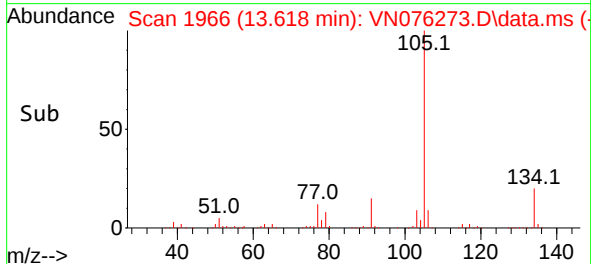
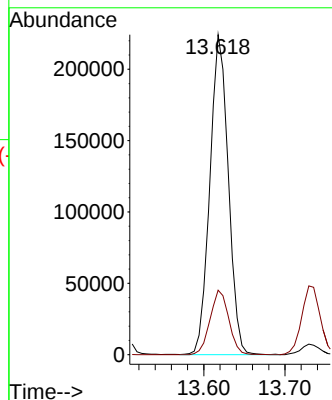
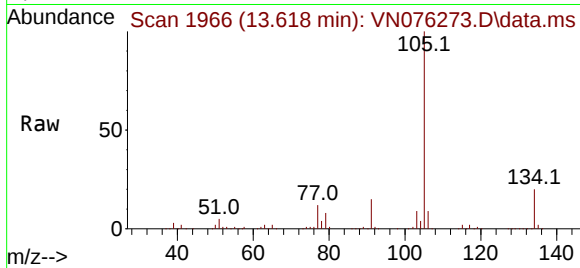




#85  
 sec-Butylbenzene  
 Concen: 18.683 ug/l  
 RT: 13.618 min Scan# 1966  
 Delta R.T. 0.001 min  
 Lab File: VN076273.D  
 Acq: 17 Jan 2023 12:14

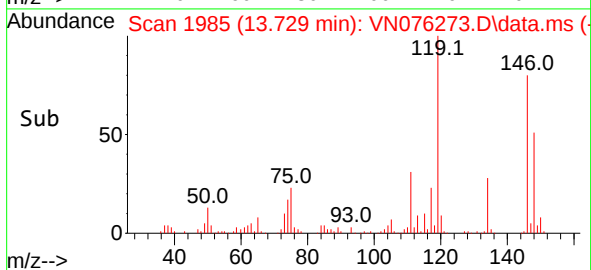
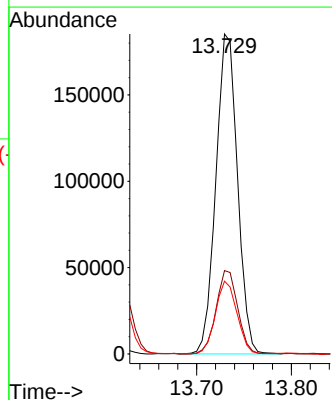
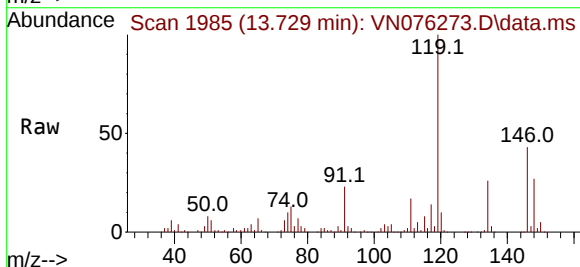
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0117WBS01

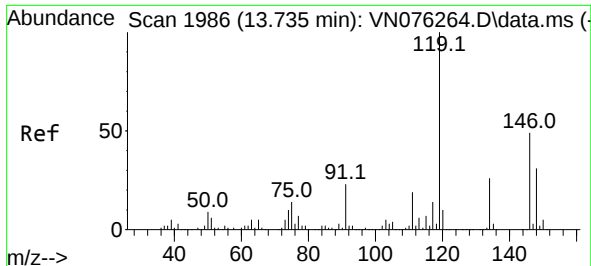
Tgt Ion:105 Resp: 353658  
 Ion Ratio Lower Upper  
 105 100  
 134 20.4 10.3 30.8



#86  
 p-Isopropyltoluene  
 Concen: 18.900 ug/l  
 RT: 13.729 min Scan# 1985  
 Delta R.T. 0.000 min  
 Lab File: VN076273.D  
 Acq: 17 Jan 2023 12:14

Tgt Ion:119 Resp: 294198  
 Ion Ratio Lower Upper  
 119 100  
 134 26.1 13.2 39.6  
 91 22.7 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 17.732 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN076273.D

Acq: 17 Jan 2023 12:14

Instrument :

MSVOA\_N

ClientSampleId :

VN0117WBS01

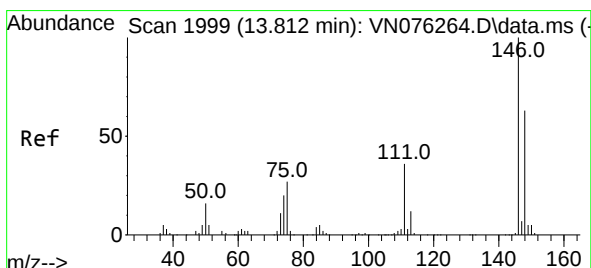
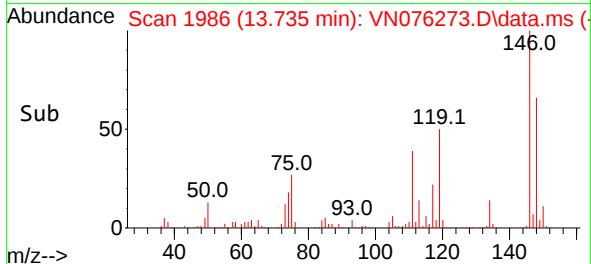
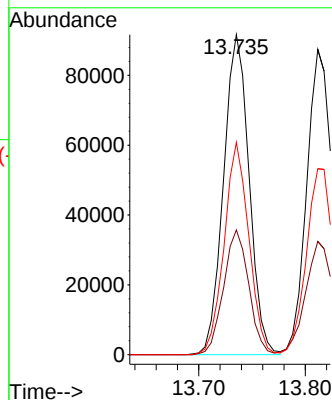
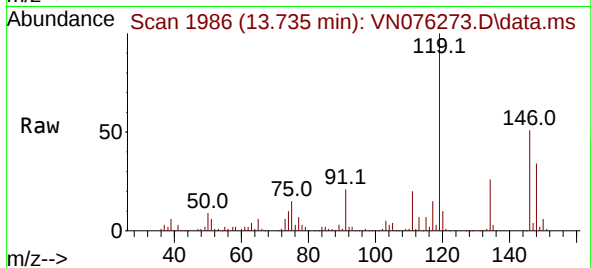
Tgt Ion:146 Resp: 153019

Ion Ratio Lower Upper

146 100

111 38.3 19.9 59.7

148 64.0 31.6 94.8



#88

1,4-Dichlorobenzene

Concen: 17.955 ug/l

RT: 13.812 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN076273.D

Acq: 17 Jan 2023 12:14

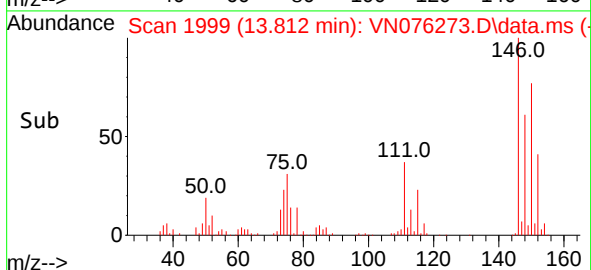
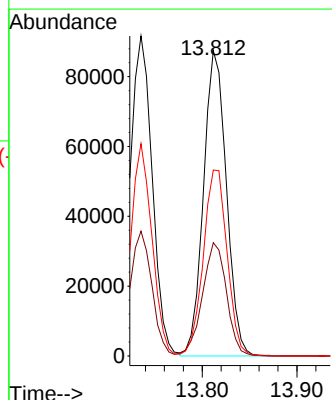
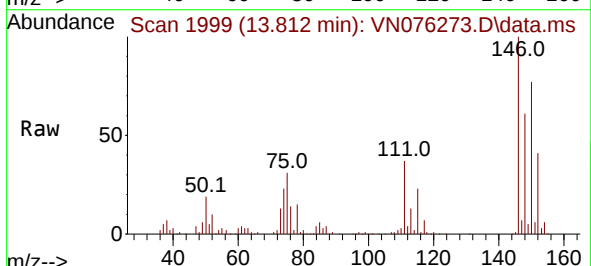
Tgt Ion:146 Resp: 146859

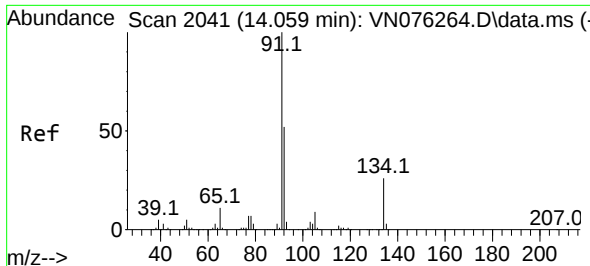
Ion Ratio Lower Upper

146 100

111 39.1 19.1 57.5

148 63.5 31.9 95.9

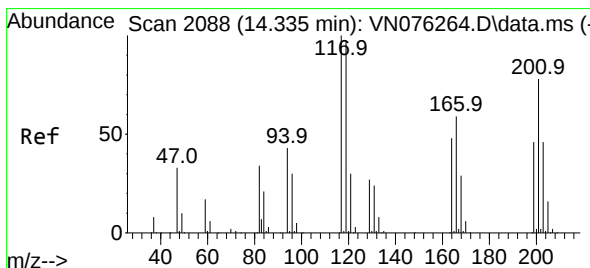
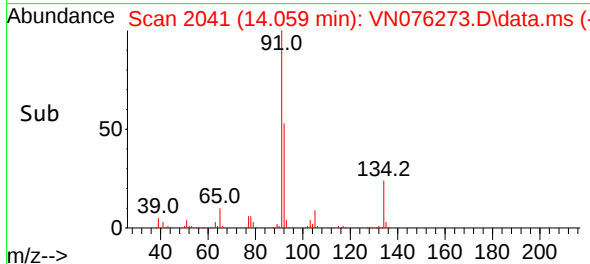
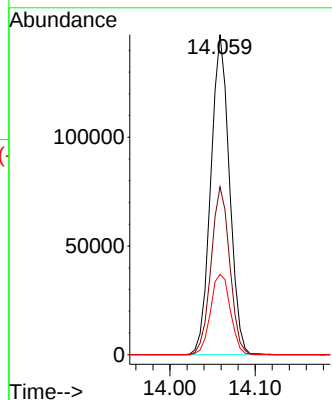
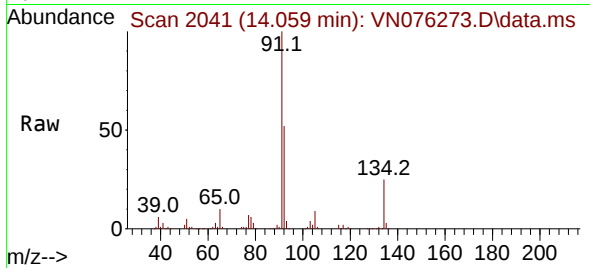




#89  
n-Butylbenzene  
Concen: 18.078 ug/l  
RT: 14.059 min Scan# 2041  
Delta R.T. -0.000 min  
Lab File: VN076273.D  
Acq: 17 Jan 2023 12:14

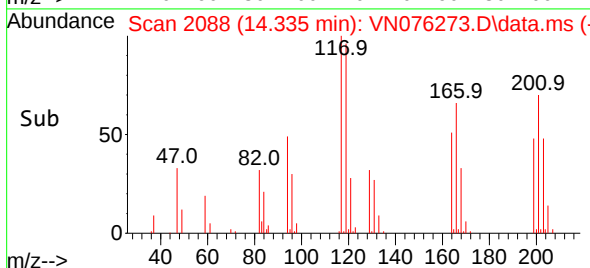
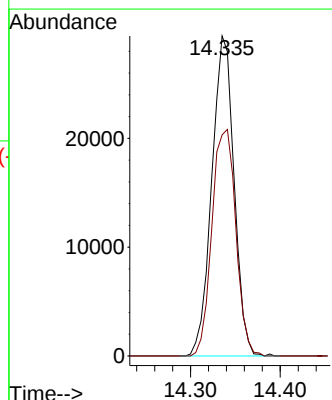
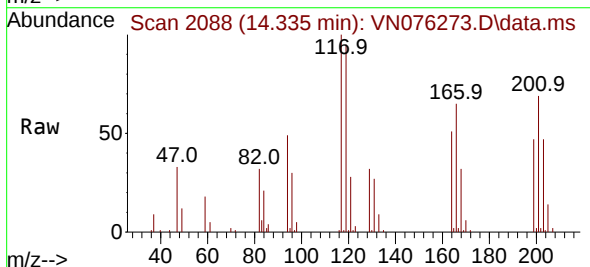
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0117WBS01

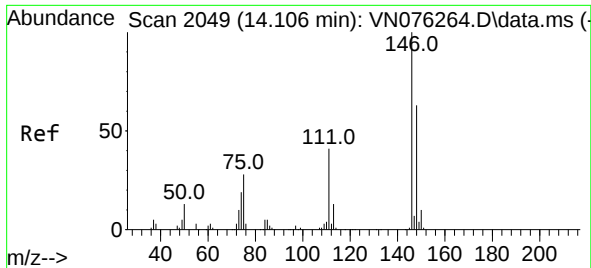
Tgt Ion: 91 Resp: 223378  
Ion Ratio Lower Upper  
91 100  
92 52.4 26.3 78.9  
134 26.6 13.2 39.5



#90  
Hexachloroethane  
Concen: 18.863 ug/l  
RT: 14.335 min Scan# 2088  
Delta R.T. 0.000 min  
Lab File: VN076273.D  
Acq: 17 Jan 2023 12:14

Tgt Ion: 117 Resp: 50676  
Ion Ratio Lower Upper  
117 100  
201 75.9 37.3 111.9

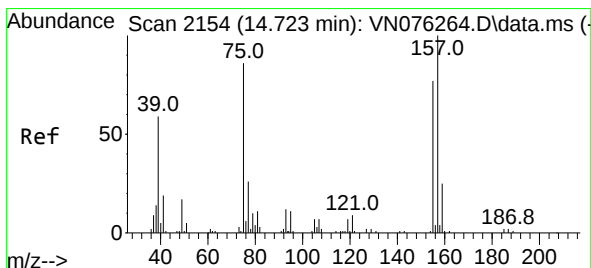
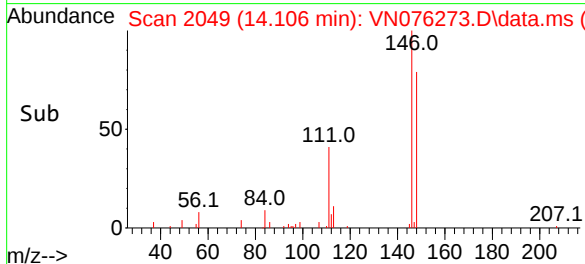
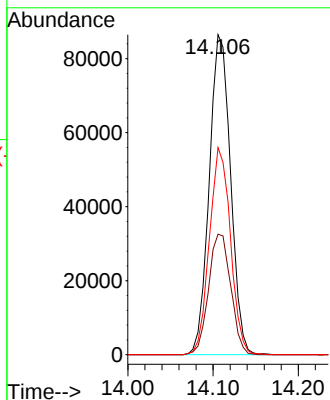
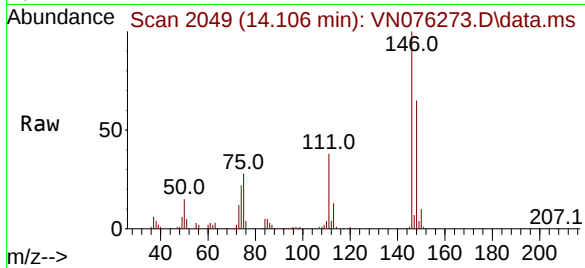




#91  
1,2-Dichlorobenzene  
Concen: 17.475 ug/l  
RT: 14.106 min Scan# 2049  
Delta R.T. -0.000 min  
Lab File: VN076273.D  
Acq: 17 Jan 2023 12:14

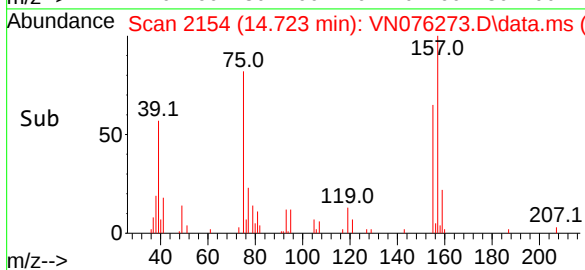
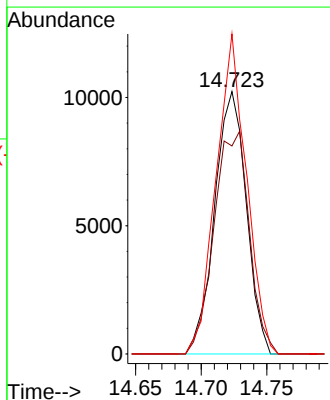
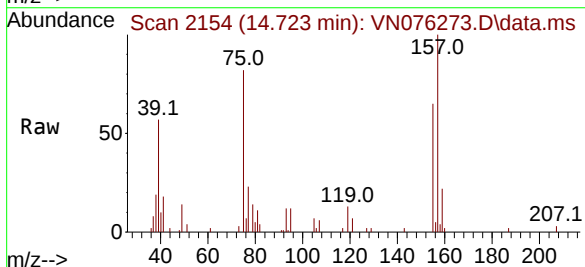
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0117WBS01

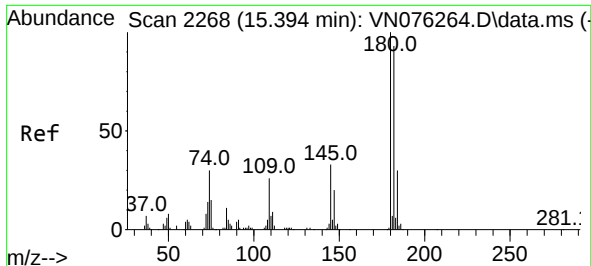
Tgt Ion:146 Resp: 150193  
Ion Ratio Lower Upper  
146 100  
111 39.2 20.3 60.8  
148 64.0 31.8 95.4



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 18.736 ug/l  
RT: 14.723 min Scan# 2154  
Delta R.T. 0.000 min  
Lab File: VN076273.D  
Acq: 17 Jan 2023 12:14

Tgt Ion: 75 Resp: 17141  
Ion Ratio Lower Upper  
75 100  
155 94.3 45.0 135.0  
157 117.1 58.3 174.9

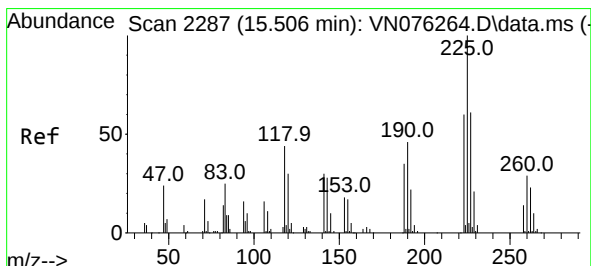
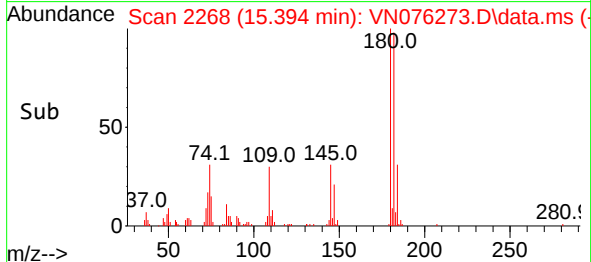
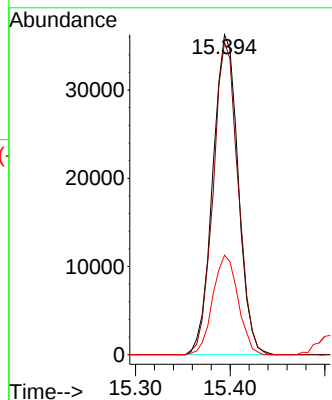
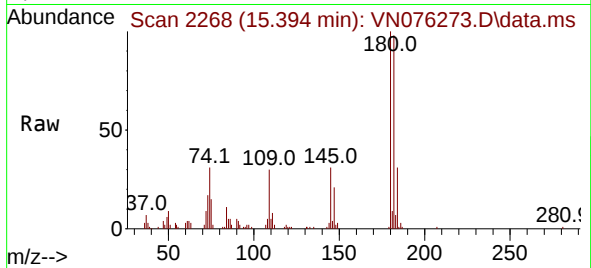




#93  
1,2,4-Trichlorobenzene  
Concen: 17.128 ug/l  
RT: 15.394 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN076273.D  
Acq: 17 Jan 2023 12:14

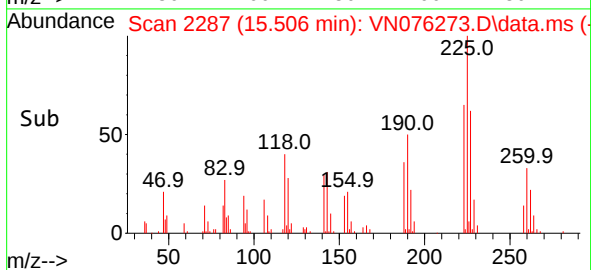
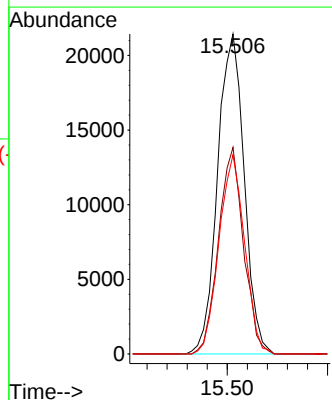
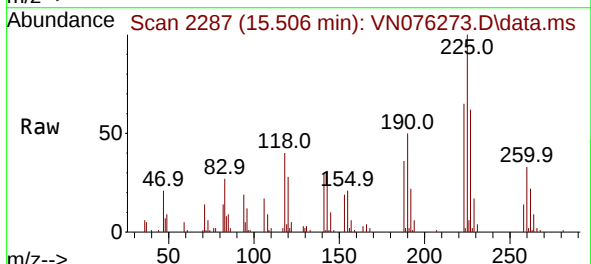
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0117WBS01

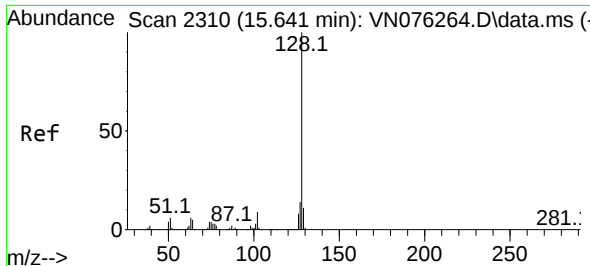
Tgt Ion:180 Resp: 67475  
Ion Ratio Lower Upper  
180 100  
182 95.6 47.0 141.2  
145 31.0 15.2 45.5



#94  
Hexachlorobutadiene  
Concen: 17.265 ug/l  
RT: 15.506 min Scan# 2287  
Delta R.T. -0.000 min  
Lab File: VN076273.D  
Acq: 17 Jan 2023 12:14

Tgt Ion:225 Resp: 39379  
Ion Ratio Lower Upper  
225 100  
223 60.8 30.8 92.3  
227 60.0 30.9 92.8

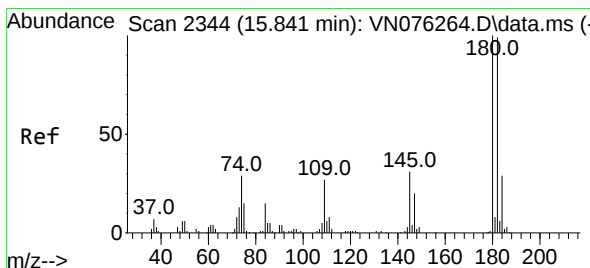
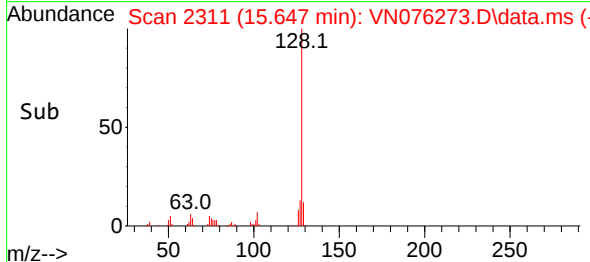
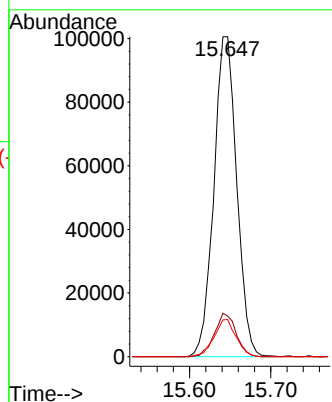
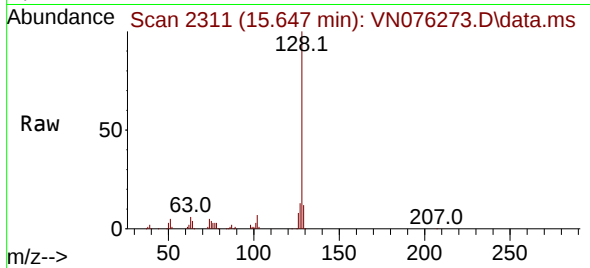




#95  
Naphthalene  
Concen: 17.282 ug/l  
RT: 15.647 min Scan# 2311  
Delta R.T. 0.006 min  
Lab File: VN076273.D  
Acq: 17 Jan 2023 12:14

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0117WBS01

Tgt Ion:128 Resp: 197146  
Ion Ratio Lower Upper  
128 100  
127 12.8 10.3 15.5  
129 11.2 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 17.663 ug/l  
RT: 15.847 min Scan# 2345  
Delta R.T. 0.006 min  
Lab File: VN076273.D  
Acq: 17 Jan 2023 12:14

Tgt Ion:180 Resp: 66896  
Ion Ratio Lower Upper  
180 100  
182 94.9 47.5 142.5  
145 31.6 15.9 47.6

