

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN122922\  
 Data File : VN076041.D  
 Acq On : 29 Dec 2022 12:07  
 Operator : JC\MD  
 Sample : VN1229WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1229WBS01

Quant Time: Dec 30 05:30:34 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121422W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 14 13:03:41 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.229  | 168  | 313856   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.106  | 114  | 499560   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.870 | 117  | 453991   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 218477   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.582  | 65    | 172743   | 50.592   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 101.180% |      |
| 35) Dibromofluoromethane    | 8.176  | 113   | 164660   | 53.224   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 106.440% |      |
| 50) Toluene-d8              | 10.570 | 98    | 600846   | 51.945   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 103.880% |      |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 203501   | 53.118   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 106.240% |      |

|                              |       |     |        |         |      |     |
|------------------------------|-------|-----|--------|---------|------|-----|
| Target Compounds             |       |     |        | Qvalue  |      |     |
| 2) Dichlorodifluoromethane   | 2.136 | 85  | 66486  | 29.835  | ug/l | 97  |
| 3) Chloromethane             | 2.371 | 50  | 59244  | 21.379  | ug/l | 96  |
| 4) Vinyl Chloride            | 2.530 | 62  | 73203  | 22.146  | ug/l | 95  |
| 5) Bromomethane              | 2.959 | 94  | 59165  | 21.061  | ug/l | 95  |
| 6) Chloroethane              | 3.130 | 64  | 51866  | 21.189  | ug/l | 99  |
| 7) Trichlorofluoromethane    | 3.506 | 101 | 110907 | 22.112  | ug/l | 95  |
| 8) Diethyl Ether             | 3.977 | 74  | 37895  | 20.685  | ug/l | 99  |
| 9) 1,1,2-Trichlorotrifluo... | 4.388 | 101 | 63166  | 22.055  | ug/l | 99  |
| 10) Methyl Iodide            | 4.594 | 142 | 95801  | 20.611  | ug/l | 99  |
| 11) Tert butyl alcohol       | 5.535 | 59  | 39897  | 82.578  | ug/l | 97  |
| 12) 1,1-Dichloroethene       | 4.353 | 96  | 59173  | 21.272  | ug/l | 99  |
| 13) Acrolein                 | 4.194 | 56  | 53119  | 89.680  | ug/l | 94  |
| 14) Allyl chloride           | 5.041 | 41  | 65150  | 20.035  | ug/l | 91  |
| 15) Acrylonitrile            | 5.730 | 53  | 120729 | 91.568  | ug/l | 100 |
| 16) Acetone                  | 4.441 | 43  | 118438 | 100.624 | ug/l | 94  |
| 17) Carbon Disulfide         | 4.730 | 76  | 141663 | 21.034  | ug/l | 99  |
| 18) Methyl Acetate           | 5.035 | 43  | 65658  | 18.872  | ug/l | 97  |
| 19) Methyl tert-butyl Ether  | 5.812 | 73  | 193954 | 21.173  | ug/l | 94  |
| 20) Methylene Chloride       | 5.288 | 84  | 65740  | 20.501  | ug/l | 99  |
| 21) trans-1,2-Dichloroethene | 5.800 | 96  | 64711  | 21.242  | ug/l | 91  |
| 22) Diisopropyl ether        | 6.677 | 45  | 161232 | 20.411  | ug/l | 95  |
| 23) Vinyl Acetate            | 6.612 | 43  | 524781 | 98.701  | ug/l | 100 |
| 24) 1,1-Dichloroethane       | 6.582 | 63  | 106546 | 20.224  | ug/l | 99  |
| 25) 2-Butanone               | 7.494 | 43  | 156397 | 94.898  | ug/l | 93  |
| 26) 2,2-Dichloropropane      | 7.500 | 77  | 95032  | 21.301  | ug/l | 96  |
| 27) cis-1,2-Dichloroethene   | 7.494 | 96  | 74661  | 20.492  | ug/l | 99  |
| 28) Bromochloromethane       | 7.824 | 49  | 41566  | 18.001  | ug/l | 95  |
| 29) Tetrahydrofuran          | 7.841 | 42  | 95946  | 92.899  | ug/l | 98  |
| 30) Chloroform               | 7.976 | 83  | 119435 | 20.136  | ug/l | 99  |
| 31) Cyclohexane              | 8.265 | 56  | 96688  | 19.772  | ug/l | 93  |
| 32) 1,1,1-Trichloroethane    | 8.176 | 97  | 106985 | 20.345  | ug/l | 98  |
| 36) 1,1-Dichloropropene      | 8.376 | 75  | 85256  | 20.745  | ug/l | 98  |
| 37) Ethyl Acetate            | 7.571 | 43  | 65511  | 19.845  | ug/l | 98  |
| 38) Carbon Tetrachloride     | 8.371 | 117 | 96070  | 20.886  | ug/l | 96  |
| 39) Methylcyclohexane        | 9.606 | 83  | 110823 | 22.352  | ug/l | 94  |
| 40) Benzene                  | 8.612 | 78  | 264743 | 20.879  | ug/l | 99  |

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 Sample : VN1229WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1229WBS01

Quant Time: Dec 30 05:30:34 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121422W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 14 13:03:41 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.788  | 41   | 32227    | 18.782  | ug/l   | 94       |
| 42) 1,2-Dichloroethane        | 8.676  | 62   | 86494    | 20.518  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.694  | 43   | 107083   | 19.665  | ug/l   | 97       |
| 44) Trichloroethene           | 9.359  | 130  | 72824    | 20.387  | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.623  | 63   | 62337    | 20.203  | ug/l   | 100      |
| 46) Dibromomethane            | 9.712  | 93   | 46751    | 20.428  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.894  | 83   | 90044    | 20.063  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.682  | 41   | 49407    | 20.145  | ug/l   | 95       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 22043    | 365.590 | ug/l # | 85       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 317501   | 96.413  | ug/l   | 100      |
| 52) Toluene                   | 10.635 | 92   | 178457   | 21.610  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.841 | 75   | 92368    | 21.025  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.318 | 75   | 103131   | 21.381  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 11.017 | 97   | 66719    | 20.584  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.876 | 69   | 88114    | 20.466  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 109165   | 20.532  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.165 | 63   | 136311   | 99.443  | ug/l   | 98       |
| 59) 2-Hexanone                | 11.200 | 43   | 233099   | 97.061  | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.365 | 129  | 73001    | 20.252  | ug/l   | 96       |
| 61) 1,2-Dibromoethane         | 11.470 | 107  | 69647    | 21.233  | ug/l   | 100      |
| 64) Tetrachloroethene         | 11.106 | 164  | 75752    | 23.712  | ug/l   | 93       |
| 65) Chlorobenzene             | 11.894 | 112  | 185439   | 19.901  | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane | 11.964 | 131  | 70213    | 20.343  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.964 | 91   | 333315   | 21.194  | ug/l   | 99       |
| 68) m/p-Xylenes               | 12.076 | 106  | 269473   | 43.292  | ug/l   | 99       |
| 69) o-Xylene                  | 12.400 | 106  | 130850   | 21.242  | ug/l   | 100      |
| 70) Styrene                   | 12.411 | 104  | 209551   | 21.395  | ug/l   | 99       |
| 71) Bromoform                 | 12.582 | 173  | 51696    | 20.584  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.700 | 105  | 340462   | 21.564  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.494 | 43   | 90994    | 19.646  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 90523    | 18.547  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 105424   | 23.938  | ug/l   | 78       |
| 77) Bromobenzene              | 12.982 | 156  | 81540    | 20.407  | ug/l   | 94       |
| 78) n-propylbenzene           | 13.041 | 91   | 377313   | 21.668  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 226080   | 20.799  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 285750   | 21.625  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.741 | 75   | 25015    | 20.446  | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 13.129 | 91   | 226080   | 20.799  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 257398   | 22.094  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.488 | 105  | 286536   | 21.859  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.617 | 105  | 348715   | 21.686  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.735 | 119  | 300623   | 22.468  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 148995   | 20.187  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.811 | 146  | 149363   | 19.810  | ug/l   | 100      |
| 89) n-Butylbenzene            | 14.058 | 91   | 229902   | 21.209  | ug/l   | 100      |
| 90) Hexachloroethane          | 14.335 | 117  | 48787    | 20.384  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 14.105 | 146  | 149413   | 20.552  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 15696    | 18.124  | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene    | 15.400 | 180  | 73157    | 20.326  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.505 | 225  | 40645    | 20.699  | ug/l   | 98       |
| 95) Naphthalene               | 15.641 | 128  | 197442   | 18.060  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.847 | 180  | 71040    | 21.118  | ug/l   | 98       |

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Operator : JC\MD  
Sample : VN1229WBS01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 1 Sample Multiplier: 1

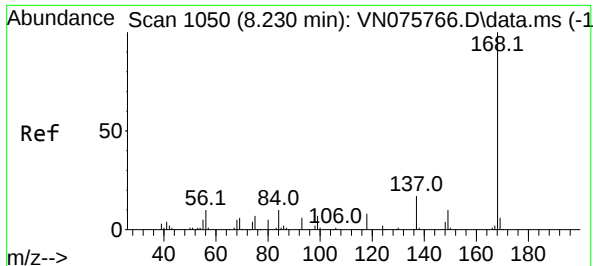
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1229WBS01

Quant Time: Dec 30 05:30:34 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121422W.M  
Quant Title : SW846 8260  
QLast Update : Wed Dec 14 13:03:41 2022  
Response via : Initial Calibration

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

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

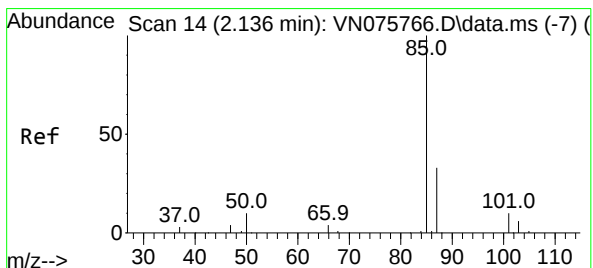
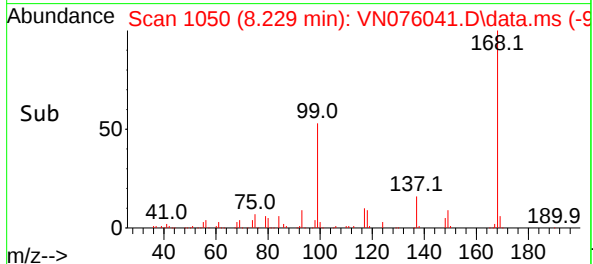
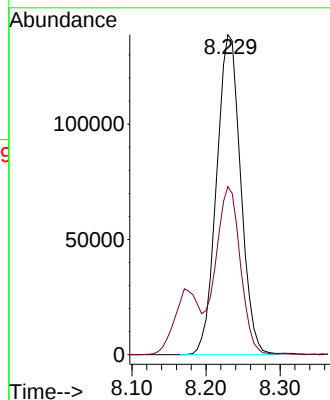
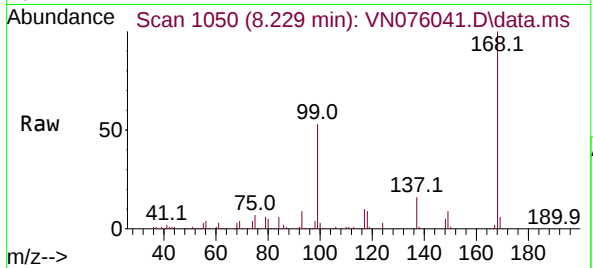




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.229 min Scan# 10  
Delta R.T. -0.001 min  
Lab File: VN076041.D  
Acq: 29 Dec 2022 12:07

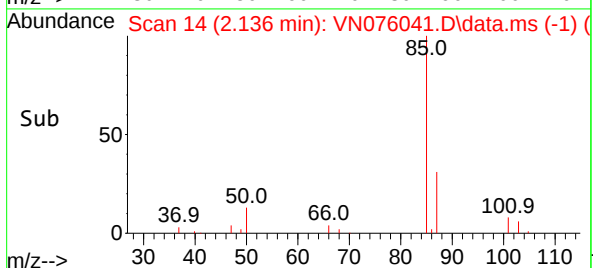
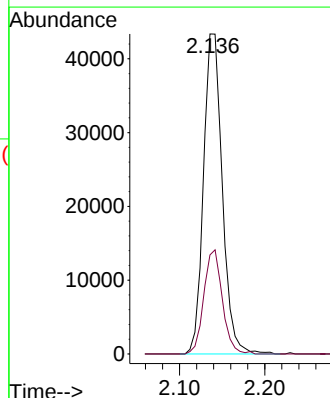
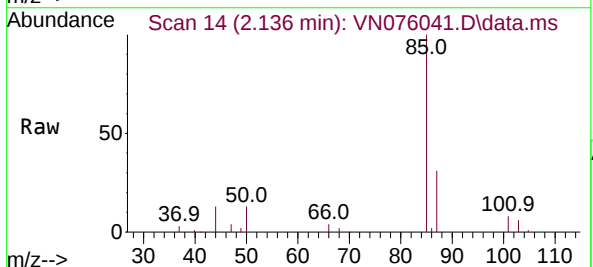
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1229WBS01

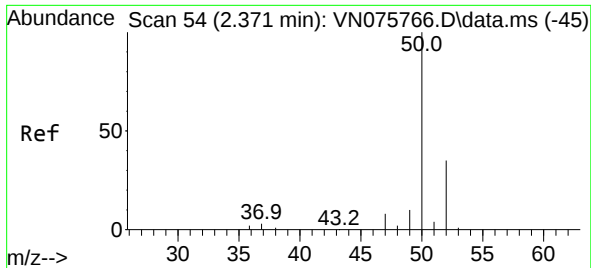
Tgt Ion:168 Resp: 313856  
Ion Ratio Lower Upper  
168 100  
99 52.3 44.2 66.4



#2  
Dichlorodifluoromethane  
Concen: 29.835 ug/l  
RT: 2.136 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VN076041.D  
Acq: 29 Dec 2022 12:07

Tgt Ion: 85 Resp: 66486  
Ion Ratio Lower Upper  
85 100  
87 30.9 16.3 48.9

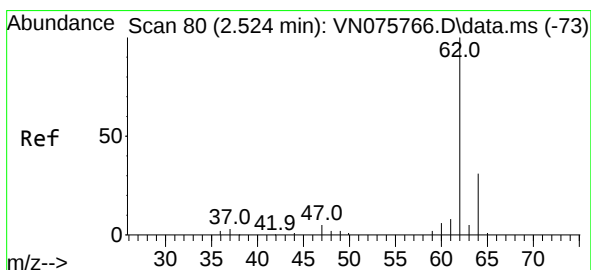
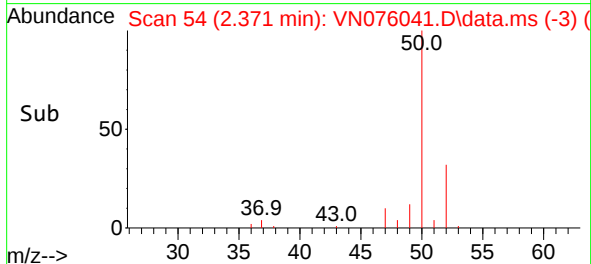
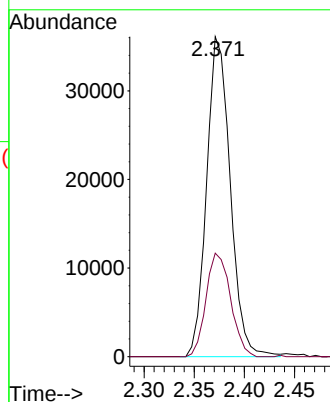
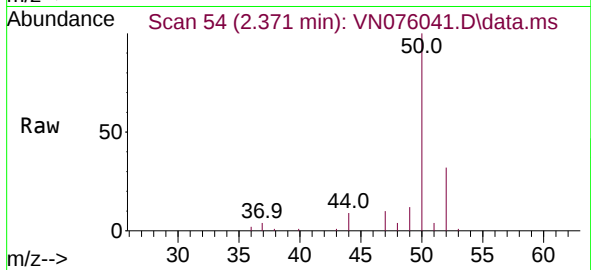




#3  
Chloromethane  
Concen: 21.379 ug/l  
RT: 2.371 min Scan# 54  
Delta R.T. -0.000 min  
Lab File: VN076041.D  
Acq: 29 Dec 2022 12:07

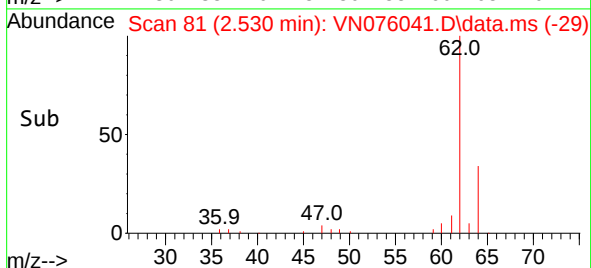
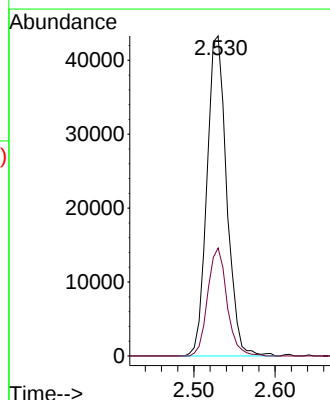
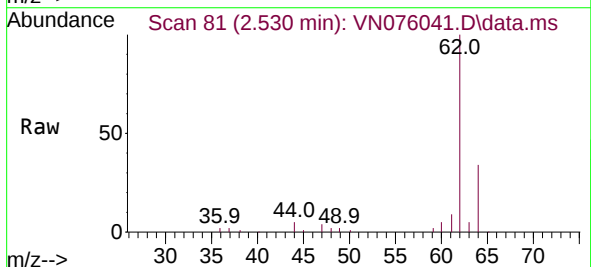
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1229WBS01

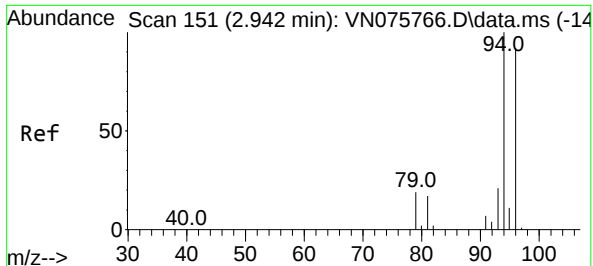
Tgt Ion: 50 Resp: 59244  
Ion Ratio Lower Upper  
50 100  
52 32.4 27.7 41.5



#4  
Vinyl Chloride  
Concen: 22.146 ug/l  
RT: 2.530 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: VN076041.D  
Acq: 29 Dec 2022 12:07

Tgt Ion: 62 Resp: 73203  
Ion Ratio Lower Upper  
62 100  
64 33.7 24.9 37.3

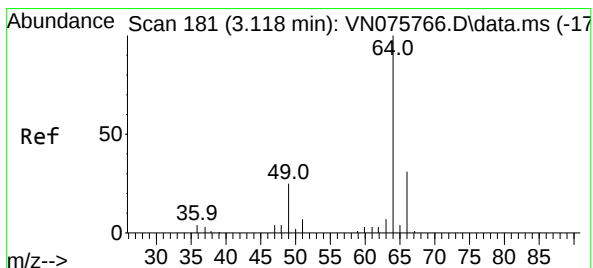
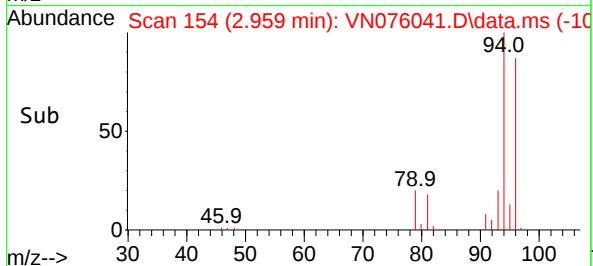
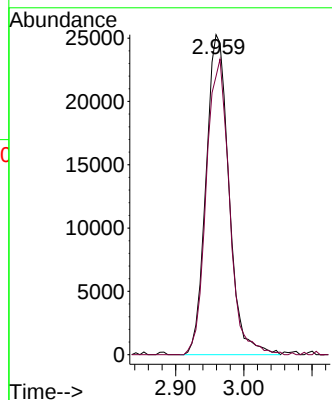
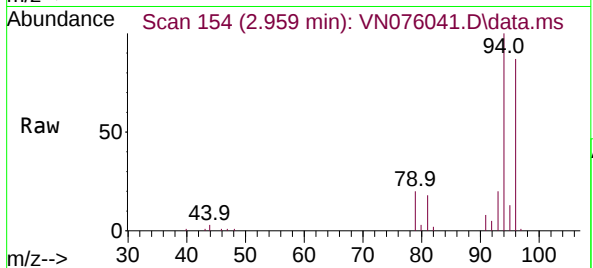




#5  
Bromomethane  
Concen: 21.061 ug/l  
RT: 2.959 min Scan# 154  
Delta R.T. 0.017 min  
Lab File: VN076041.D  
Acq: 29 Dec 2022 12:07

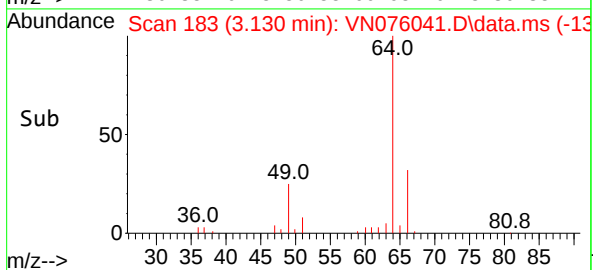
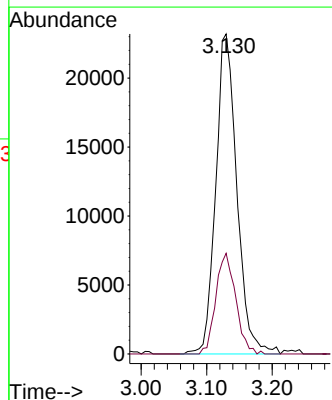
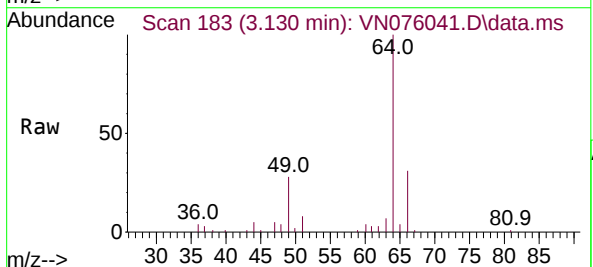
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1229WBS01

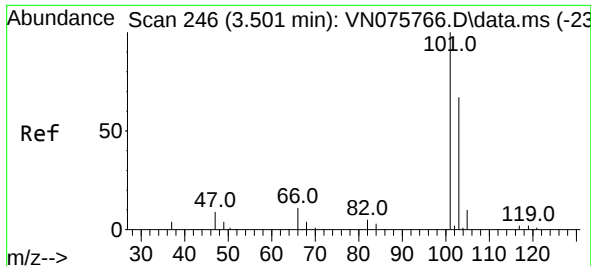
Tgt Ion: 94 Resp: 59165  
Ion Ratio Lower Upper  
94 100  
96 87.0 73.8 110.6



#6  
Chloroethane  
Concen: 21.189 ug/l  
RT: 3.130 min Scan# 183  
Delta R.T. 0.012 min  
Lab File: VN076041.D  
Acq: 29 Dec 2022 12:07

Tgt Ion: 64 Resp: 51866  
Ion Ratio Lower Upper  
64 100  
66 31.4 24.6 36.8

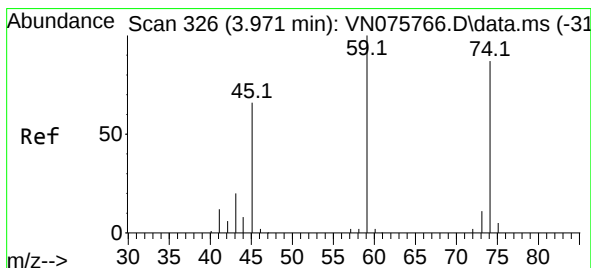
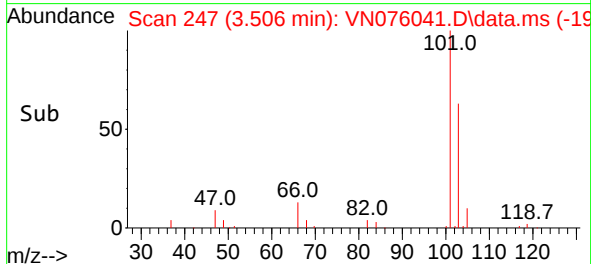
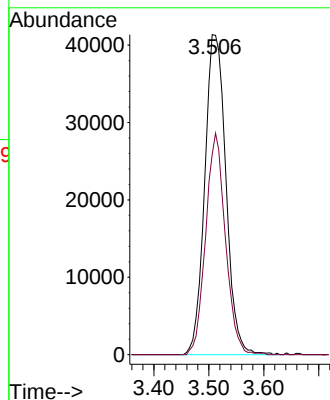
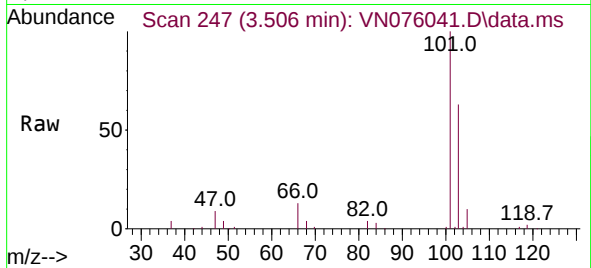




#7  
 Trichlorofluoromethane  
 Concen: 22.112 ug/l  
 RT: 3.506 min Scan# 246  
 Delta R.T. 0.006 min  
 Lab File: VN076041.D  
 Acq: 29 Dec 2022 12:07

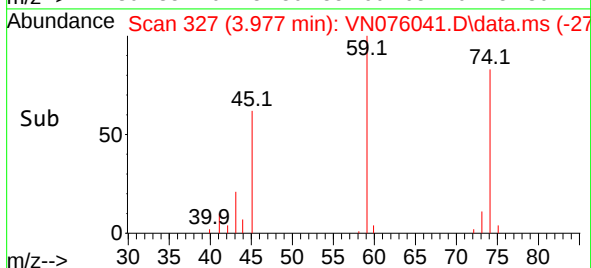
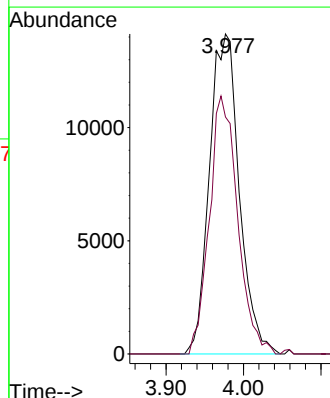
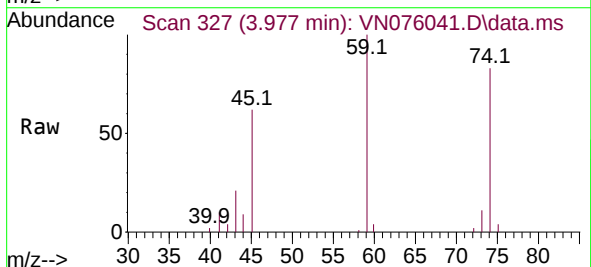
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 ClientSampleId :  
 VN1229WBS01

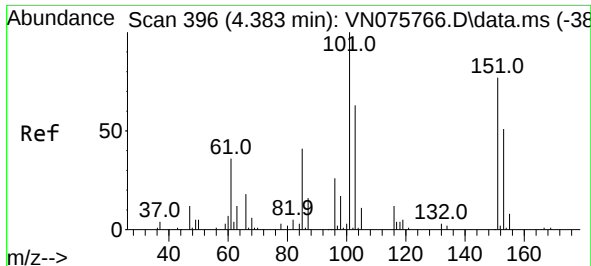
Tgt Ion:101 Resp: 110907  
 Ion Ratio Lower Upper  
 101 100  
 103 62.6 53.4 80.2



#8  
 Diethyl Ether  
 Concen: 20.685 ug/l  
 RT: 3.977 min Scan# 327  
 Delta R.T. 0.006 min  
 Lab File: VN076041.D  
 Acq: 29 Dec 2022 12:07

Tgt Ion: 74 Resp: 37895  
 Ion Ratio Lower Upper  
 74 100  
 45 76.4 37.8 113.4

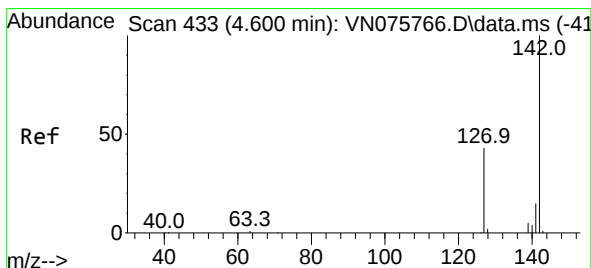
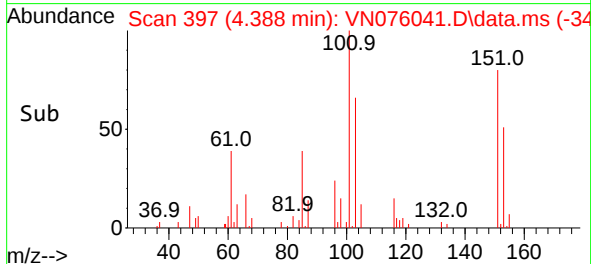
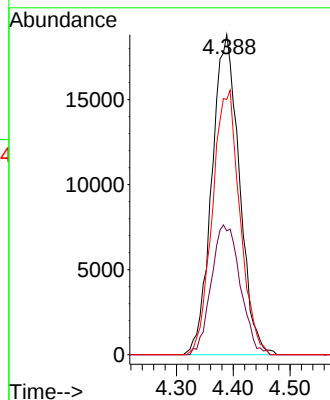
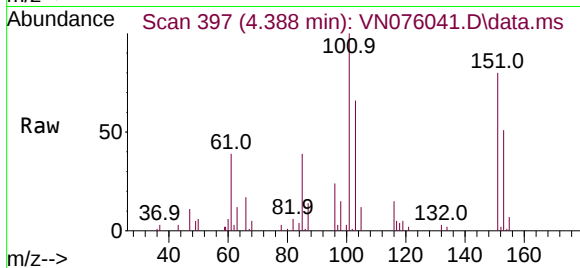




#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 22.055 ug/l  
 RT: 4.388 min Scan# 396  
 Delta R.T. 0.006 min  
 Lab File: VN076041.D  
 Acq: 29 Dec 2022 12:07

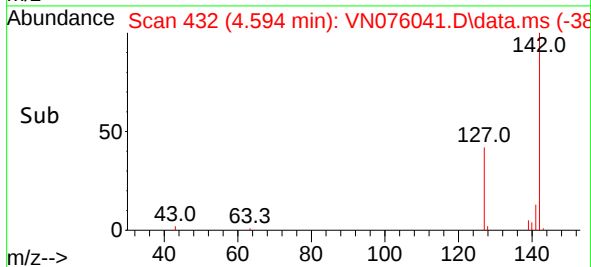
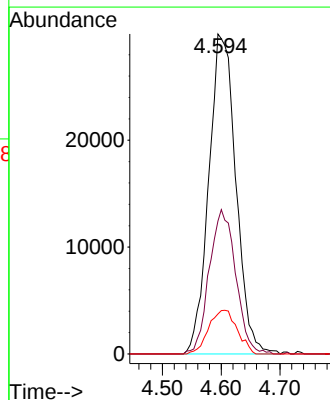
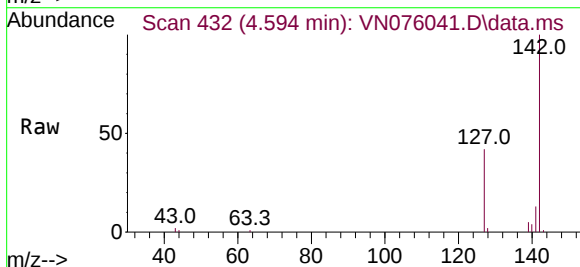
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1229WBS01

Tgt Ion:101 Resp: 63166  
 Ion Ratio Lower Upper  
 101 100  
 85 42.7 35.3 52.9  
 151 82.6 65.6 98.4



#10  
 Methyl Iodide  
 Concen: 20.611 ug/l  
 RT: 4.594 min Scan# 432  
 Delta R.T. -0.006 min  
 Lab File: VN076041.D  
 Acq: 29 Dec 2022 12:07

Tgt Ion:142 Resp: 95801  
 Ion Ratio Lower Upper  
 142 100  
 127 44.1 34.7 52.1  
 141 14.3 11.4 17.2

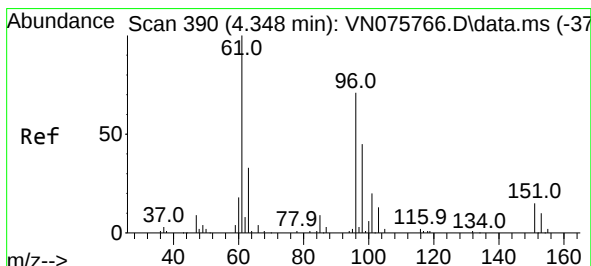
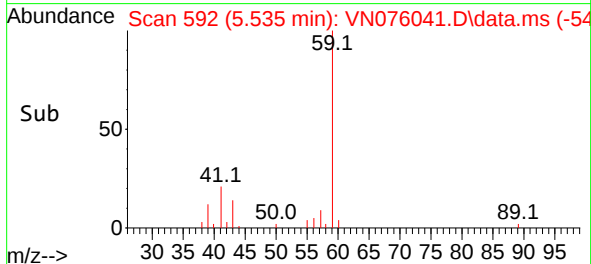
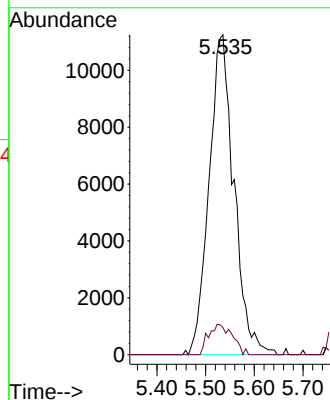
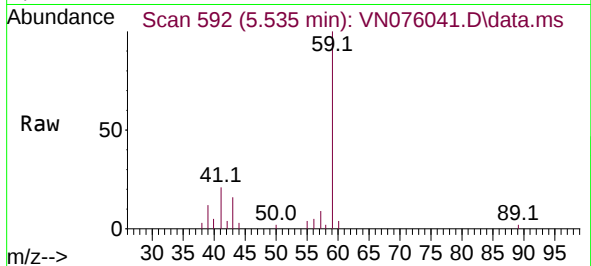




#11  
Tert butyl alcohol  
Concen: 82.578 ug/l  
RT: 5.535 min Scan# 591  
Delta R.T. -0.000 min  
Lab File: VN076041.D  
Acq: 29 Dec 2022 12:07

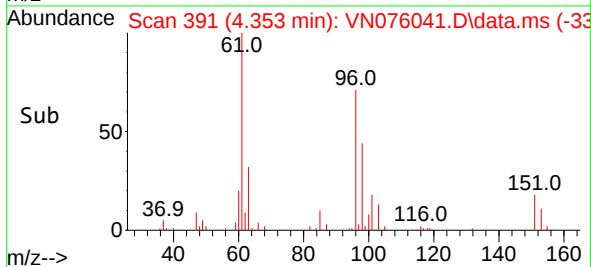
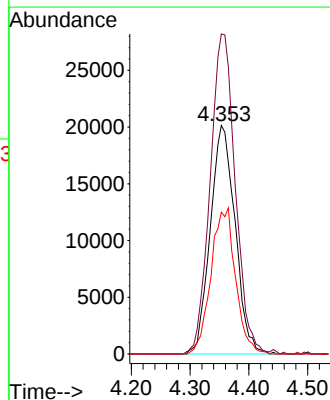
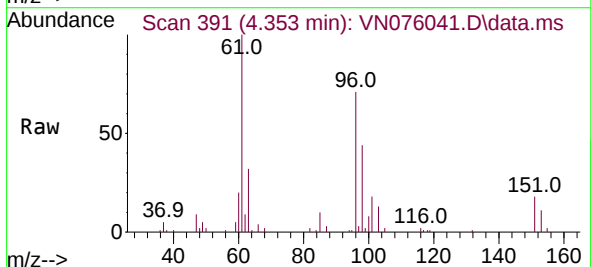
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1229WBS01

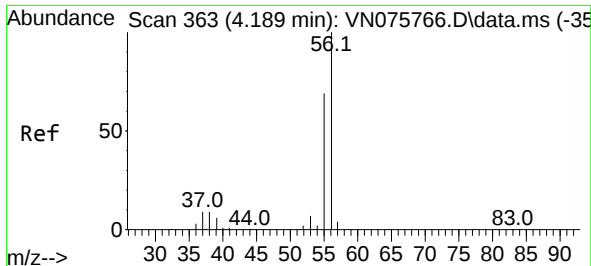
Tgt Ion: 59 Resp: 39897  
Ion Ratio Lower Upper  
59 100  
57 9.1 8.2 12.4



#12  
1,1-Dichloroethene  
Concen: 21.272 ug/l  
RT: 4.353 min Scan# 391  
Delta R.T. 0.006 min  
Lab File: VN076041.D  
Acq: 29 Dec 2022 12:07

Tgt Ion: 96 Resp: 59173  
Ion Ratio Lower Upper  
96 100  
61 140.1 113.3 169.9  
98 62.1 50.9 76.3

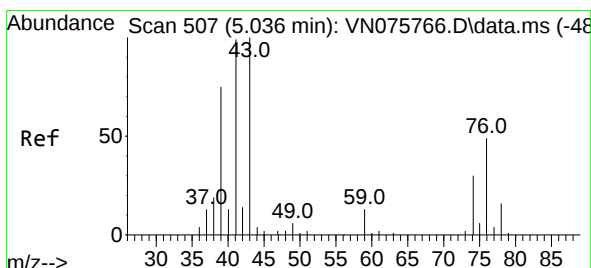
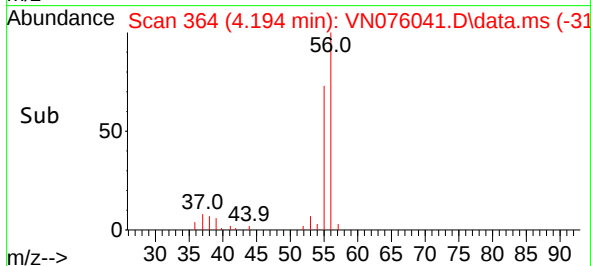
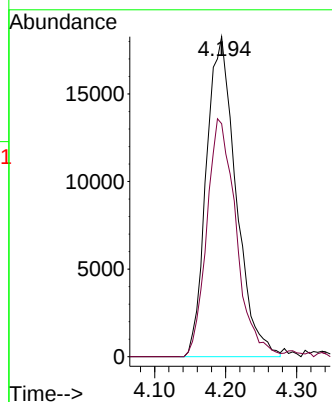
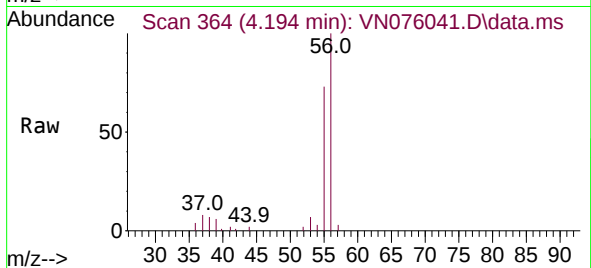




#13  
Acrolein  
Concen: 89.680 ug/l  
RT: 4.194 min Scan# 30  
Delta R.T. 0.006 min  
Lab File: VN076041.D  
Acq: 29 Dec 2022 12:07

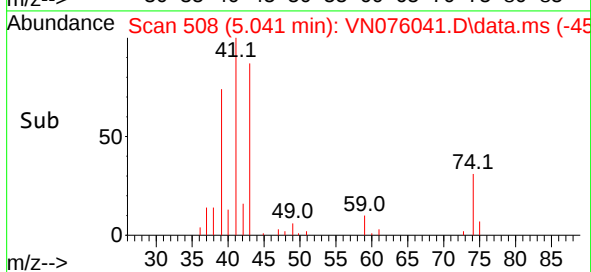
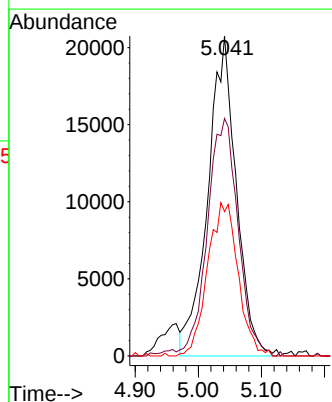
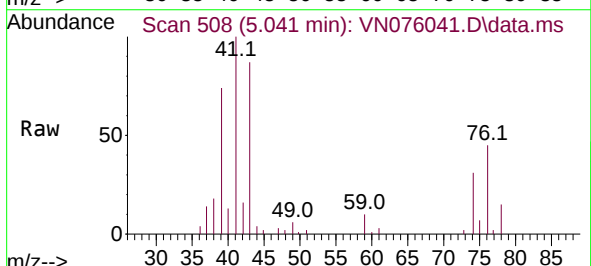
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1229WBS01

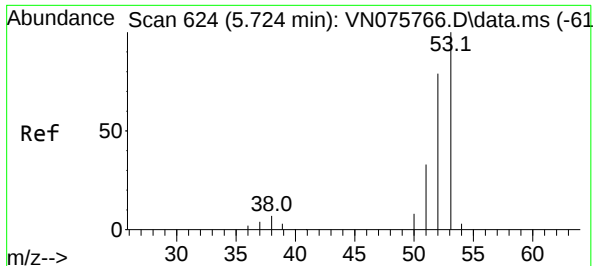
Tgt Ion: 56 Resp: 53119  
Ion Ratio Lower Upper  
56 100  
55 73.3 54.8 82.2



#14  
Allyl chloride  
Concen: 20.035 ug/l  
RT: 5.041 min Scan# 508  
Delta R.T. 0.006 min  
Lab File: VN076041.D  
Acq: 29 Dec 2022 12:07

Tgt Ion: 41 Resp: 65150  
Ion Ratio Lower Upper  
41 100  
39 79.7 58.3 87.5  
76 51.1 35.8 53.6

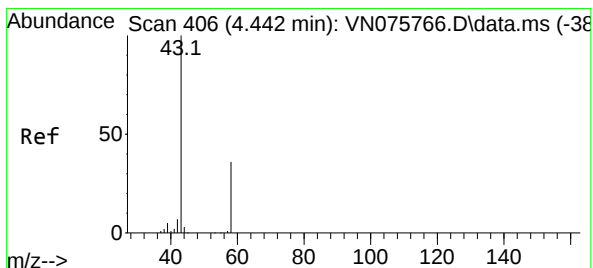
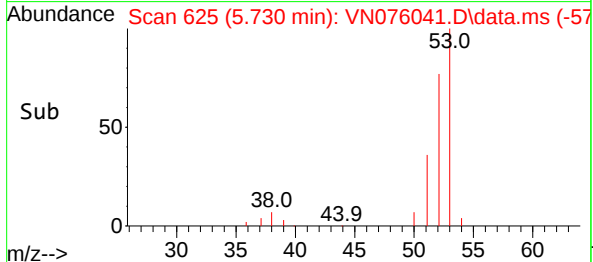
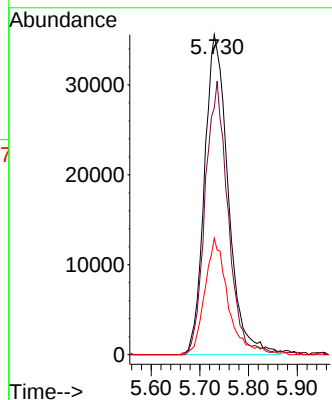
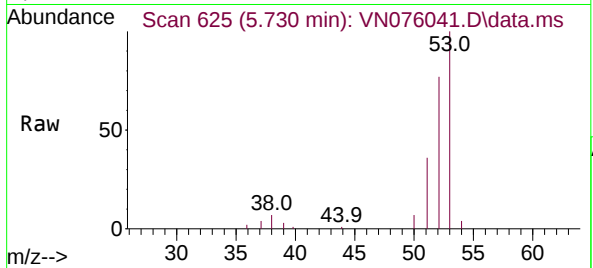




#15  
Acrylonitrile  
Concen: 91.568 ug/l  
RT: 5.730 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN076041.D  
Acq: 29 Dec 2022 12:07

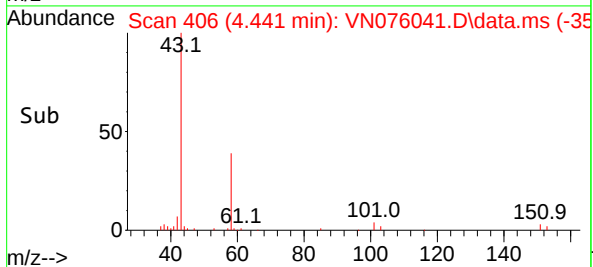
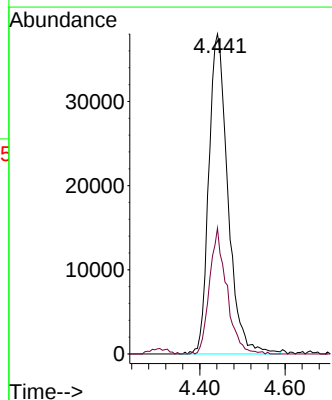
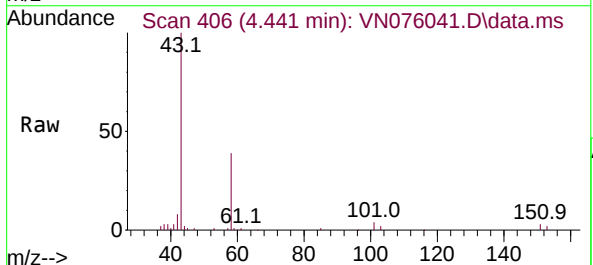
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1229WBS01

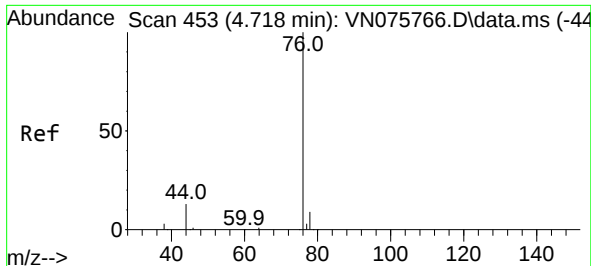
Tgt Ion: 53 Resp: 120729  
Ion Ratio Lower Upper  
53 100  
52 81.6 65.4 98.0  
51 35.7 28.9 43.3



#16  
Acetone  
Concen: 100.624 ug/l  
RT: 4.441 min Scan# 406  
Delta R.T. -0.000 min  
Lab File: VN076041.D  
Acq: 29 Dec 2022 12:07

Tgt Ion: 43 Resp: 118438  
Ion Ratio Lower Upper  
43 100  
58 39.4 28.6 43.0

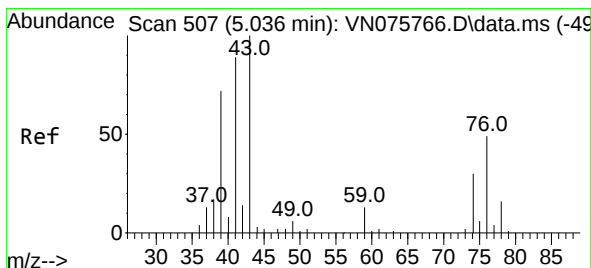
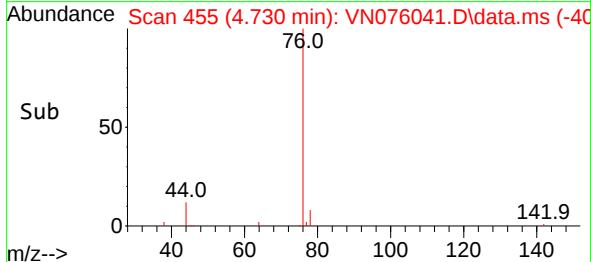
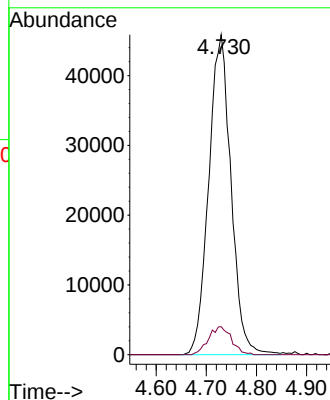
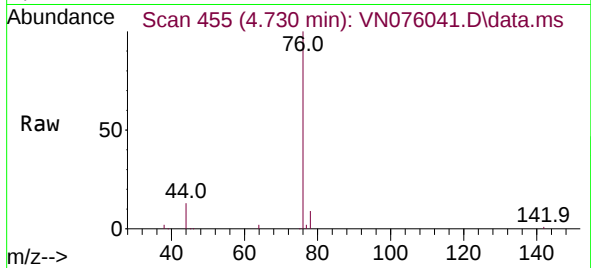




#17  
Carbon Disulfide  
Concen: 21.034 ug/l  
RT: 4.730 min Scan# 41  
Delta R.T. 0.012 min  
Lab File: VN076041.D  
Acq: 29 Dec 2022 12:07

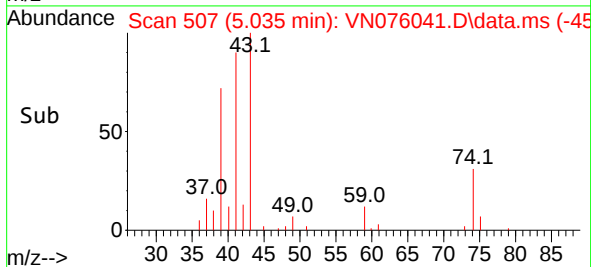
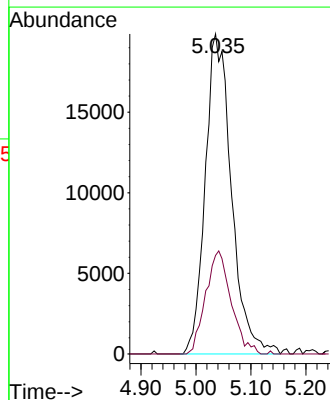
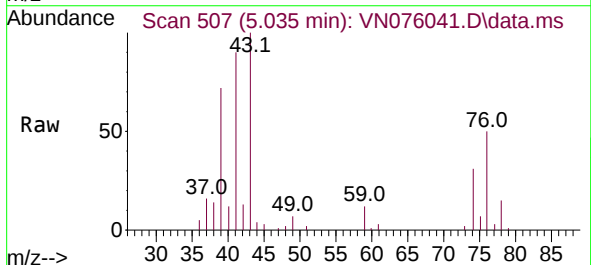
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MSVOA\_N  
ClientSampleId :  
VN1229WBS01

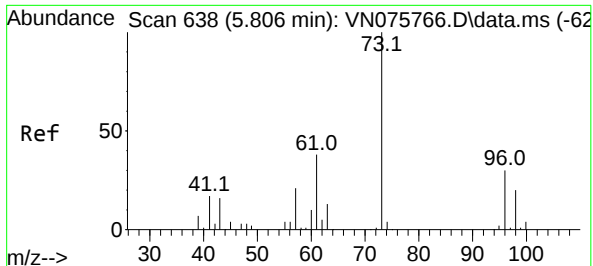
Tgt Ion: 76 Resp: 141663  
Ion Ratio Lower Upper  
76 100  
78 8.7 6.8 10.2



#18  
Methyl Acetate  
Concen: 18.872 ug/l  
RT: 5.035 min Scan# 507  
Delta R.T. -0.000 min  
Lab File: VN076041.D  
Acq: 29 Dec 2022 12:07

Tgt Ion: 43 Resp: 65658  
Ion Ratio Lower Upper  
43 100  
74 31.3 23.6 35.4

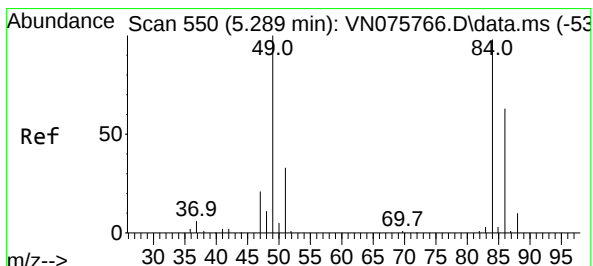
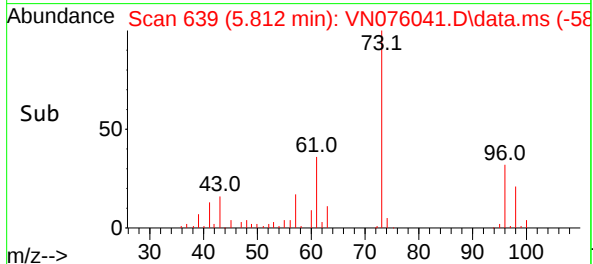
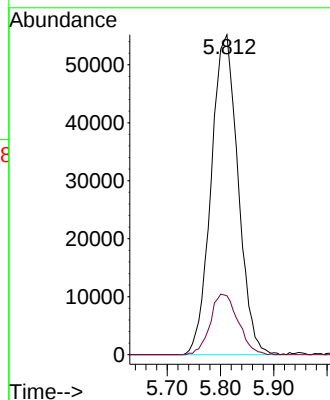
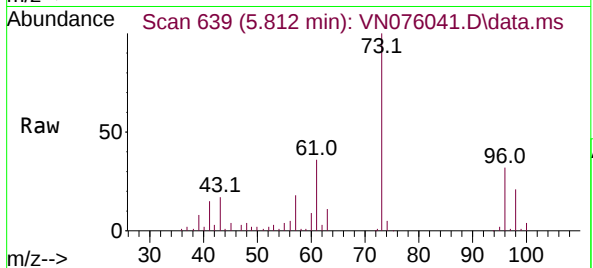




#19  
Methyl tert-butyl Ether  
Concen: 21.173 ug/l  
RT: 5.812 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN076041.D  
Acq: 29 Dec 2022 12:07

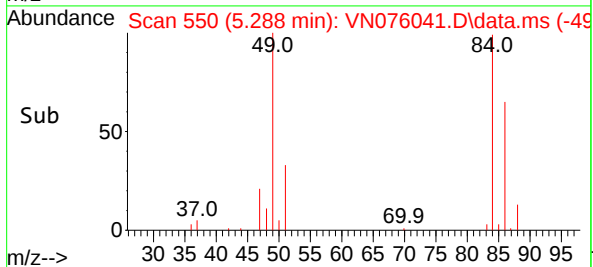
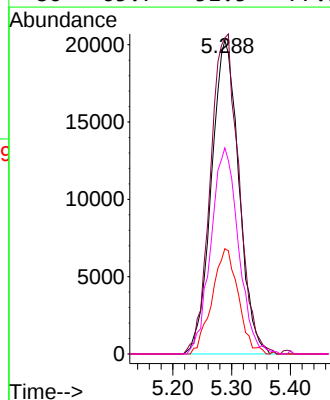
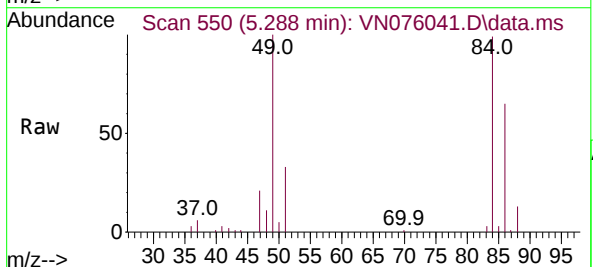
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ClientSampleId :  
VN1229WBS01

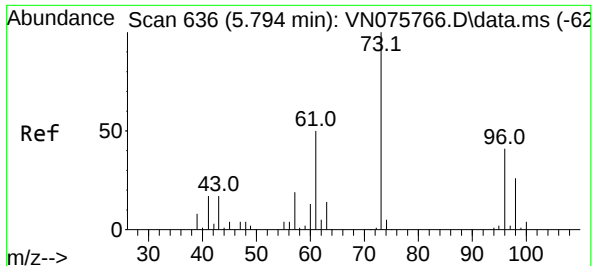
Tgt Ion: 73 Resp: 193954  
Ion Ratio Lower Upper  
73 100  
57 18.4 17.1 25.7



#20  
Methylene Chloride  
Concen: 20.501 ug/l  
RT: 5.288 min Scan# 550  
Delta R.T. -0.001 min  
Lab File: VN076041.D  
Acq: 29 Dec 2022 12:07

Tgt Ion: 84 Resp: 65740  
Ion Ratio Lower Upper  
84 100  
49 100.8 81.8 122.6  
51 33.6 26.7 40.1  
86 65.7 51.5 77.3

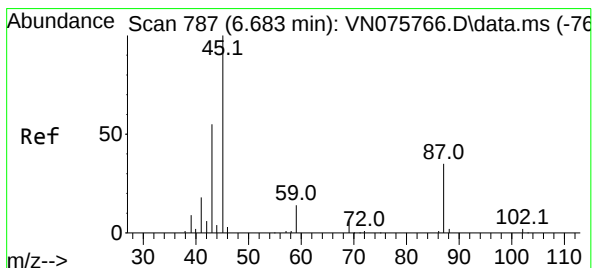
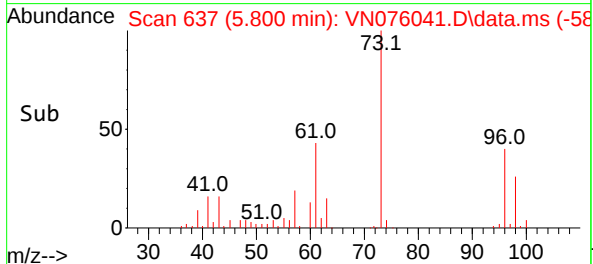
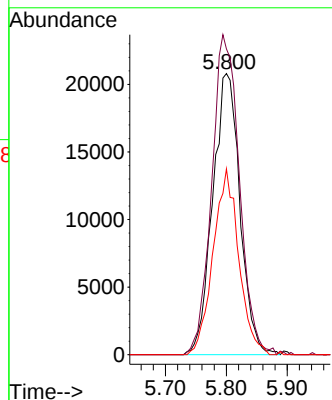
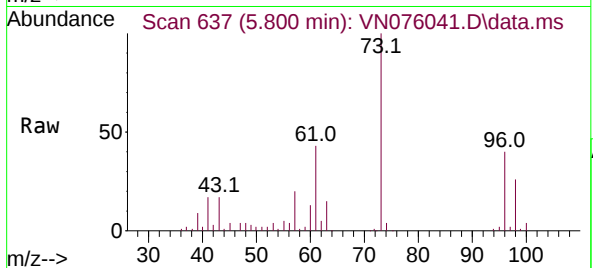




#21  
trans-1,2-Dichloroethene  
Concen: 21.242 ug/l  
RT: 5.800 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN076041.D  
Acq: 29 Dec 2022 12:07

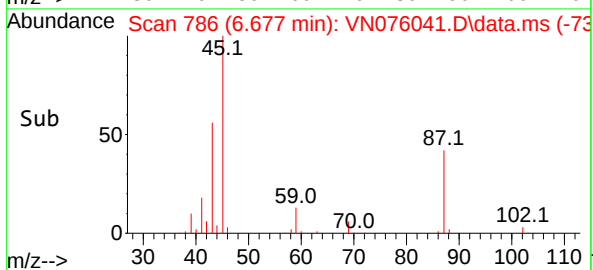
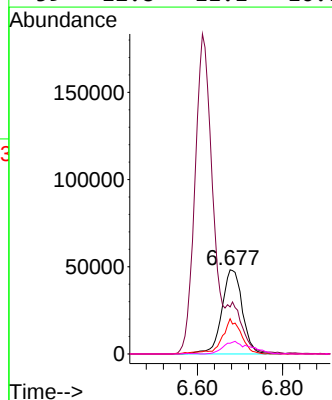
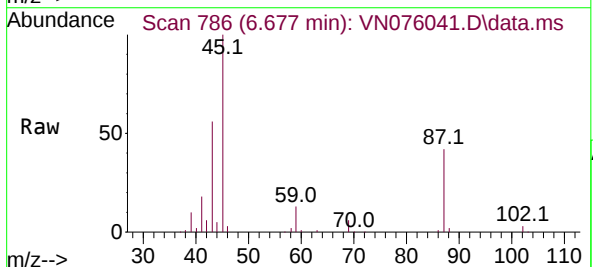
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1229WBS01

Tgt Ion: 96 Resp: 64711  
Ion Ratio Lower Upper  
96 100  
61 108.7 98.1 147.1  
98 66.1 51.4 77.2



#22  
Diisopropyl ether  
Concen: 20.411 ug/l  
RT: 6.677 min Scan# 786  
Delta R.T. -0.006 min  
Lab File: VN076041.D  
Acq: 29 Dec 2022 12:07

Tgt Ion: 45 Resp: 161232  
Ion Ratio Lower Upper  
45 100  
43 54.4 44.2 66.4  
87 41.8 28.3 42.5  
59 12.8 11.1 16.7

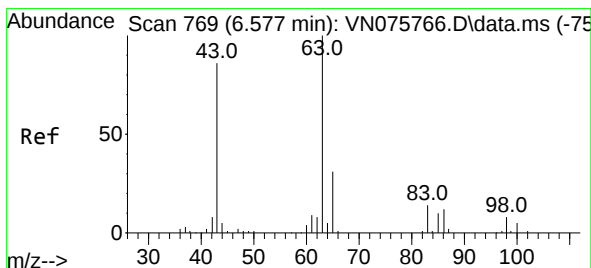
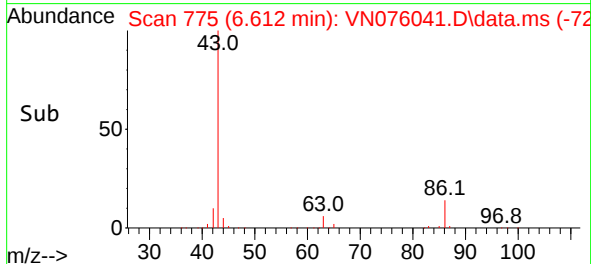
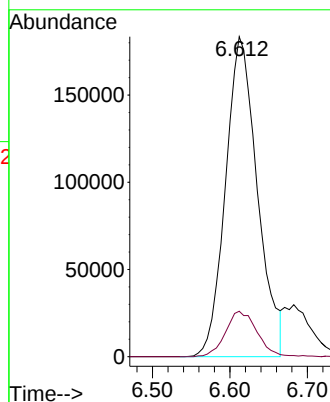
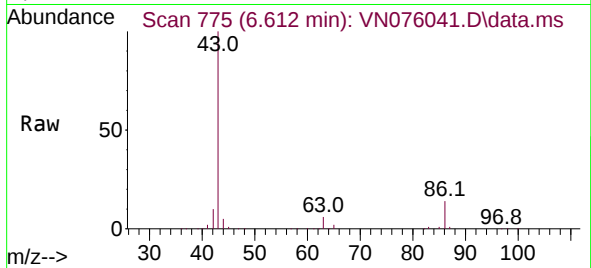




#23  
 Vinyl Acetate  
 Concen: 98.701 ug/l  
 RT: 6.612 min Scan# 775  
 Delta R.T. -0.000 min  
 Lab File: VN076041.D  
 Acq: 29 Dec 2022 12:07

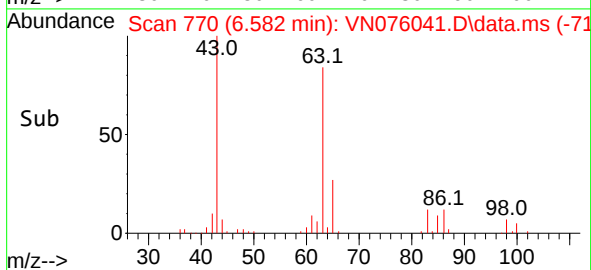
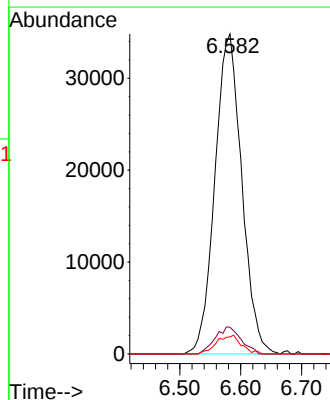
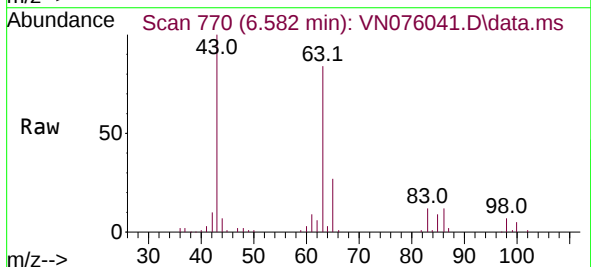
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1229WBS01

Tgt Ion: 43 Resp: 524781  
 Ion Ratio Lower Upper  
 43 100  
 86 14.2 11.4 17.2



#24  
 1,1-Dichloroethane  
 Concen: 20.224 ug/l  
 RT: 6.582 min Scan# 770  
 Delta R.T. 0.006 min  
 Lab File: VN076041.D  
 Acq: 29 Dec 2022 12:07

Tgt Ion: 63 Resp: 106546  
 Ion Ratio Lower Upper  
 63 100  
 98 8.4 3.9 11.5  
 100 5.4 2.5 7.6





#25

2-Butanone

Concen: 94.898 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076041.D

Acq: 29 Dec 2022 12:07

Instrument :

MSVOA\_N

ClientSampleId :

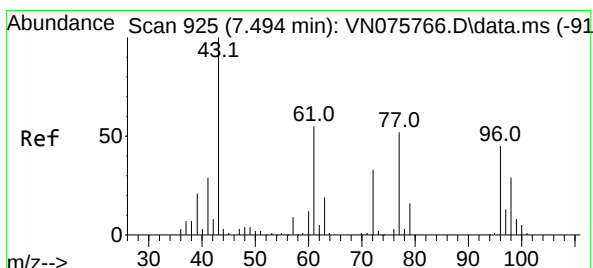
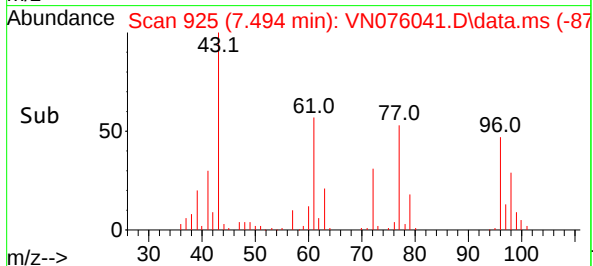
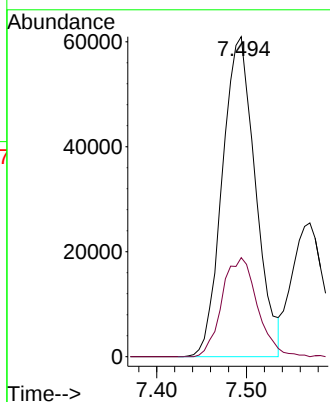
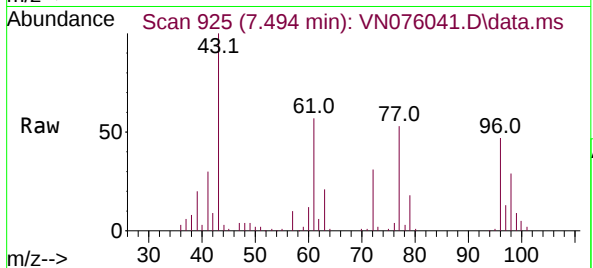
VN1229WBS01

Tgt Ion: 43 Resp: 156397

Ion Ratio Lower Upper

43 100

72 30.9 28.0 42.0



#26

2,2-Dichloropropane

Concen: 21.301 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.006 min

Lab File: VN076041.D

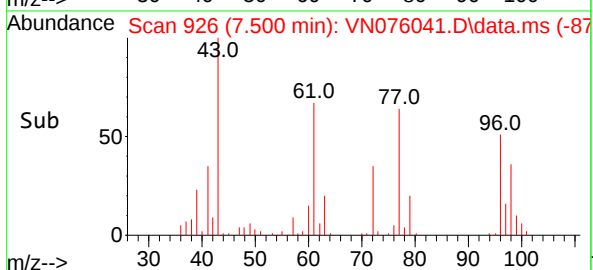
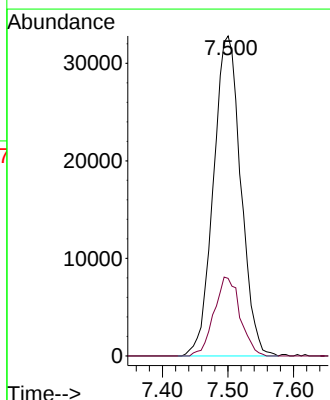
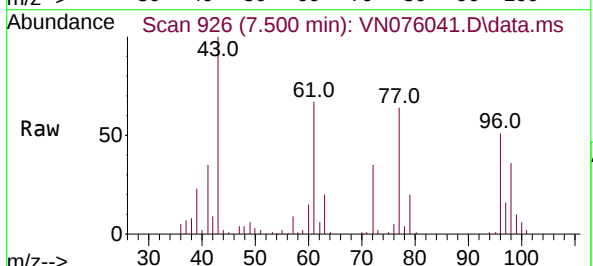
Acq: 29 Dec 2022 12:07

Tgt Ion: 77 Resp: 95032

Ion Ratio Lower Upper

77 100

97 23.4 12.7 38.0

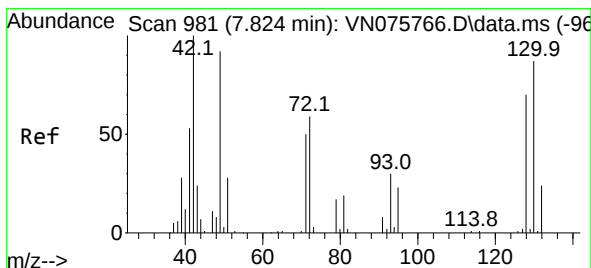
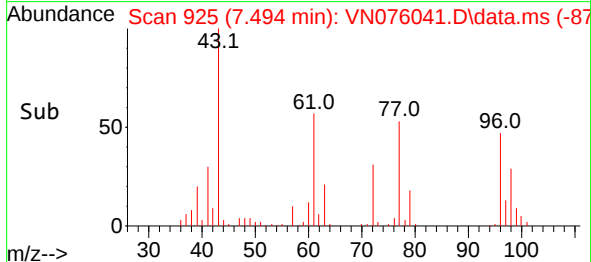
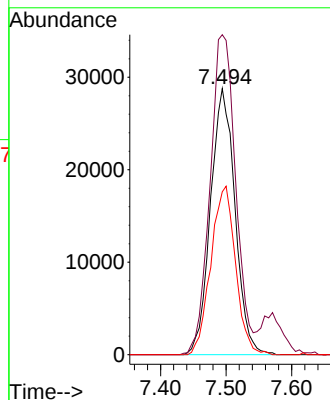
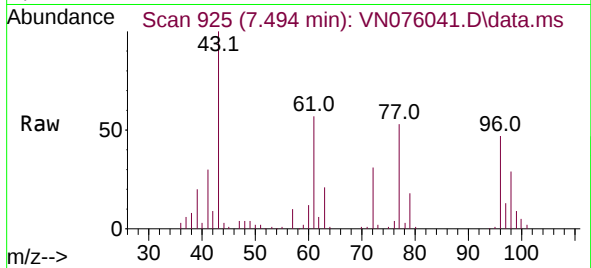




#27  
 cis-1,2-Dichloroethene  
 Concen: 20.492 ug/l  
 RT: 7.494 min Scan# 91  
 Delta R.T. -0.000 min  
 Lab File: VN076041.D  
 Acq: 29 Dec 2022 12:07

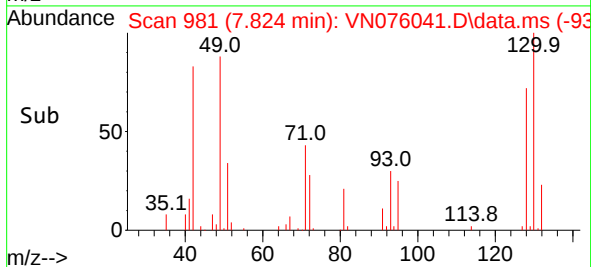
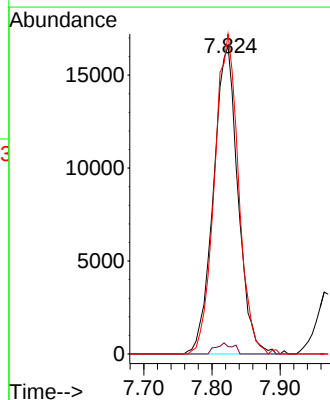
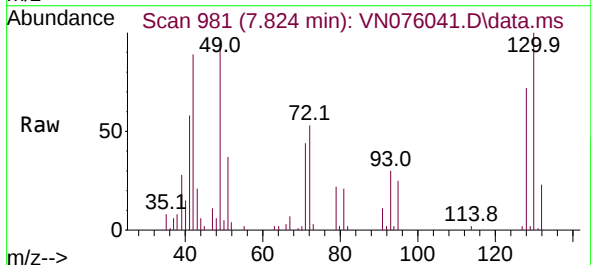
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1229WBS01

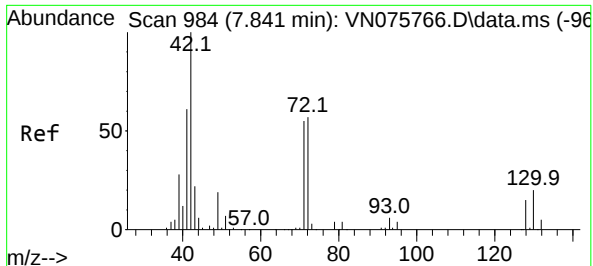
Tgt Ion: 96 Resp: 74661  
 Ion Ratio Lower Upper  
 96 100  
 61 125.4 0.0 247.8  
 98 63.8 0.0 128.4



#28  
 Bromochloromethane  
 Concen: 18.001 ug/l  
 RT: 7.824 min Scan# 981  
 Delta R.T. -0.000 min  
 Lab File: VN076041.D  
 Acq: 29 Dec 2022 12:07

Tgt Ion: 49 Resp: 41566  
 Ion Ratio Lower Upper  
 49 100  
 129 2.5 0.0 5.0  
 130 101.4 77.0 115.4

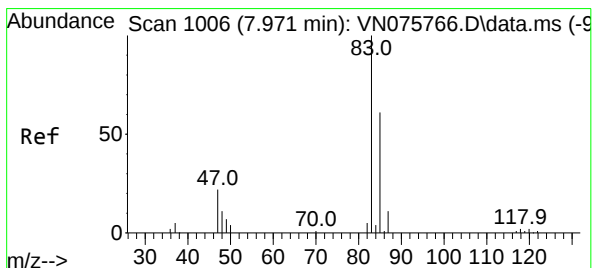
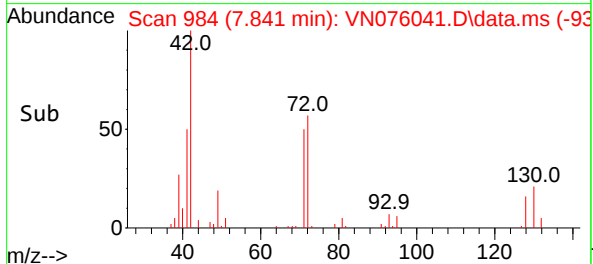
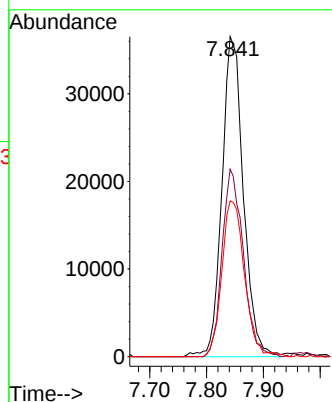
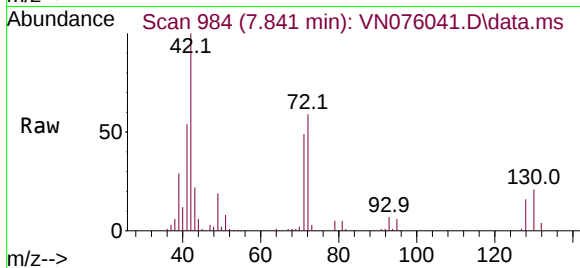




#29  
Tetrahydrofuran  
Concen: 92.899 ug/l  
RT: 7.841 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN076041.D  
Acq: 29 Dec 2022 12:07

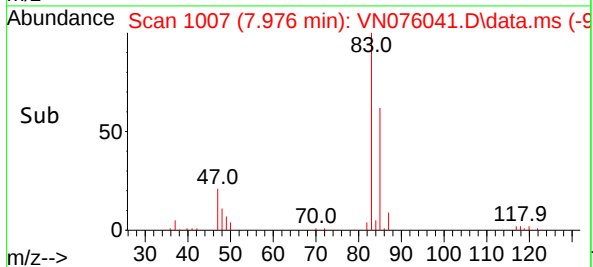
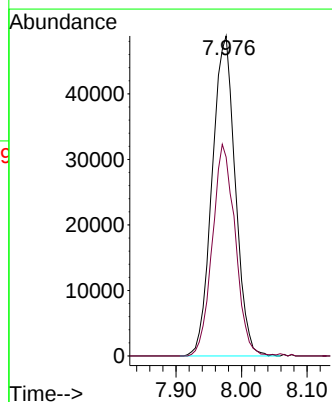
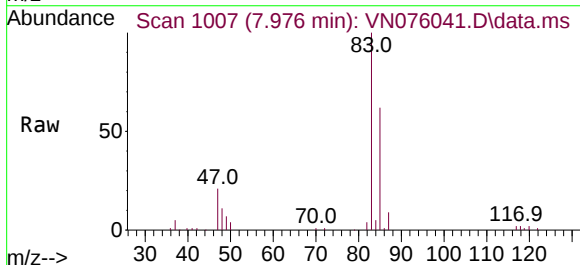
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1229WBS01

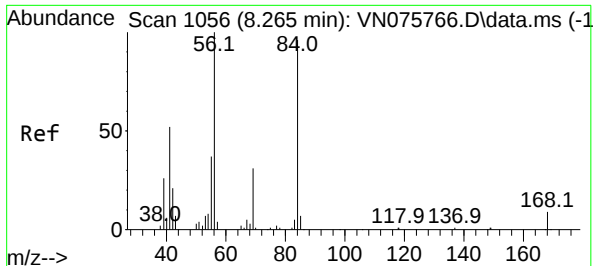
Tgt Ion: 42 Resp: 95946  
Ion Ratio Lower Upper  
42 100  
72 57.6 44.5 66.7  
71 51.5 41.0 61.6



#30  
Chloroform  
Concen: 20.136 ug/l  
RT: 7.976 min Scan# 1007  
Delta R.T. 0.006 min  
Lab File: VN076041.D  
Acq: 29 Dec 2022 12:07

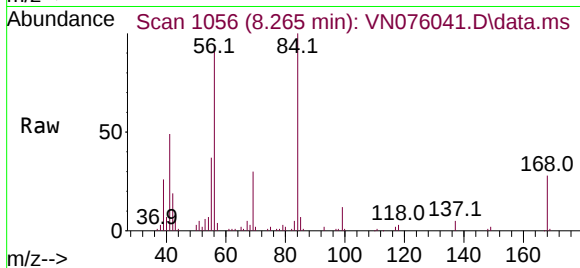
Tgt Ion: 83 Resp: 119435  
Ion Ratio Lower Upper  
83 100  
85 62.1 49.1 73.7



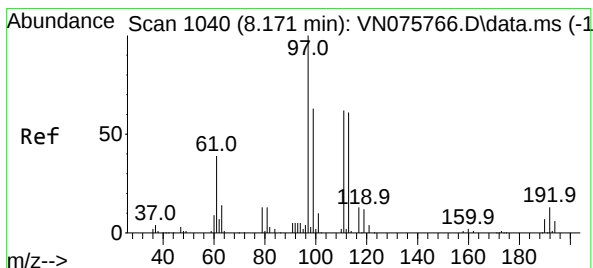
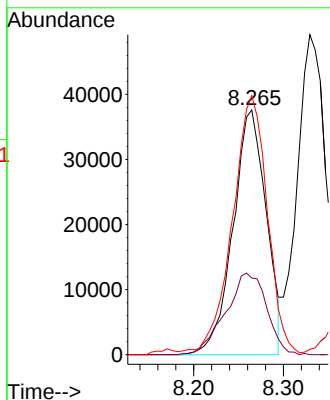
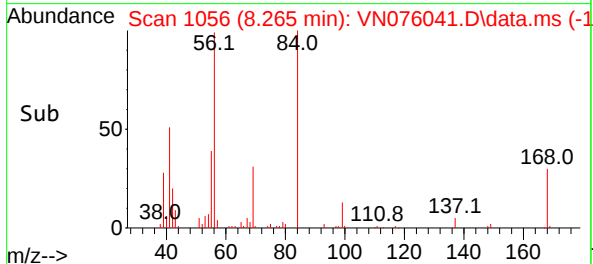


#31  
Cyclohexane  
Concen: 19.772 ug/l  
RT: 8.265 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: VN076041.D  
Acq: 29 Dec 2022 12:07

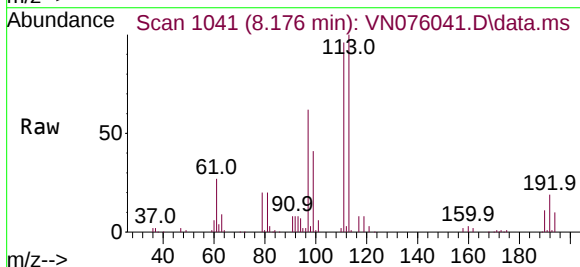
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1229WBS01



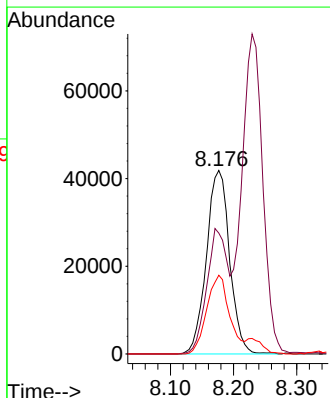
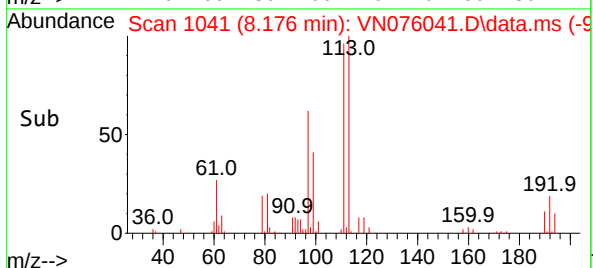
Tgt Ion: 56 Resp: 96688  
Ion Ratio Lower Upper  
56 100  
69 31.4 24.7 37.1  
84 104.6 76.5 114.7

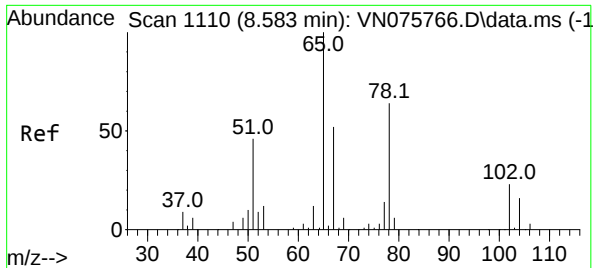


#32  
1,1,1-Trichloroethane  
Concen: 20.345 ug/l  
RT: 8.176 min Scan# 1041  
Delta R.T. 0.006 min  
Lab File: VN076041.D  
Acq: 29 Dec 2022 12:07



Tgt Ion: 97 Resp: 106985  
Ion Ratio Lower Upper  
97 100  
99 60.8 50.2 75.2  
61 42.3 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 50.592 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN076041.D

Acq: 29 Dec 2022 12:07

Instrument :

MSVOA\_N

ClientSampleId :

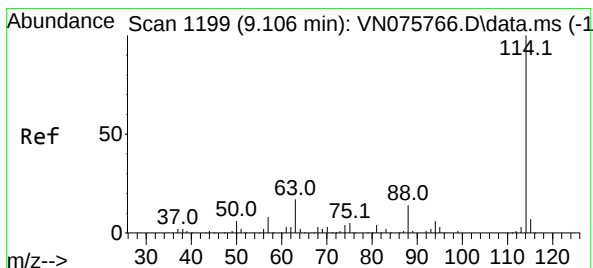
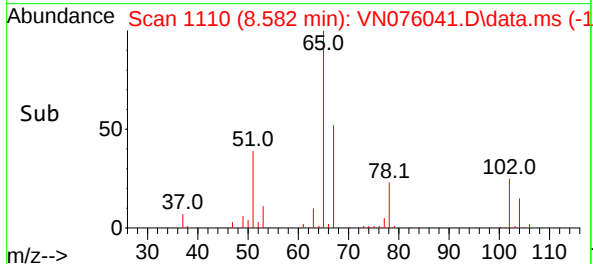
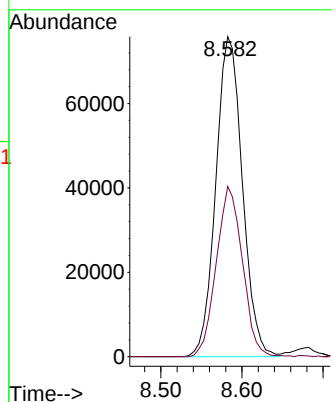
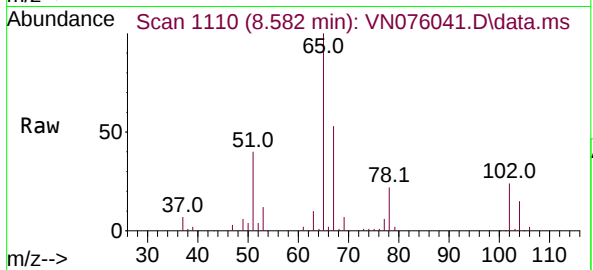
VN1229WBS01

Tgt Ion: 65 Resp: 172743

Ion Ratio Lower Upper

65 100

67 52.3 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076041.D

Acq: 29 Dec 2022 12:07

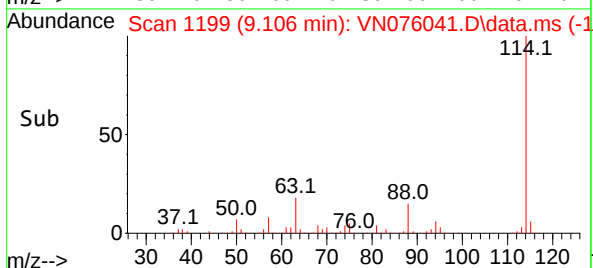
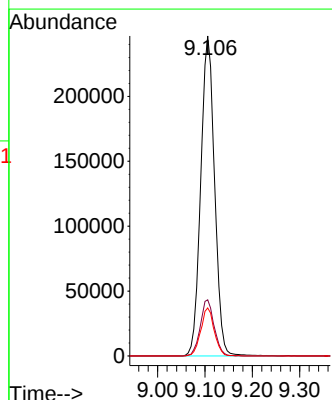
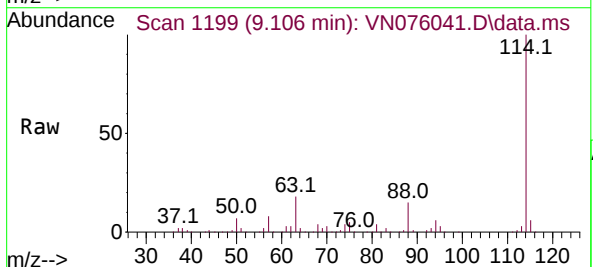
Tgt Ion: 114 Resp: 499560

Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.4

88 15.0 0.0 28.8





#35

Dibromofluoromethane

Concen: 53.224 ug/l

RT: 8.176 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN076041.D

Acq: 29 Dec 2022 12:07

Instrument :

MSVOA\_N

ClientSampleId :

VN1229WBS01

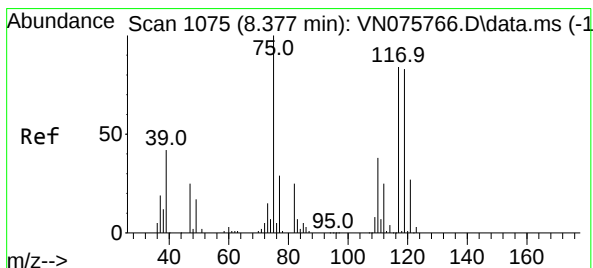
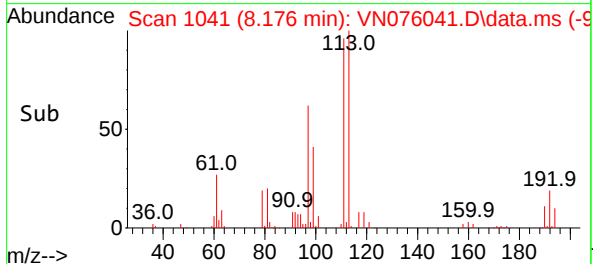
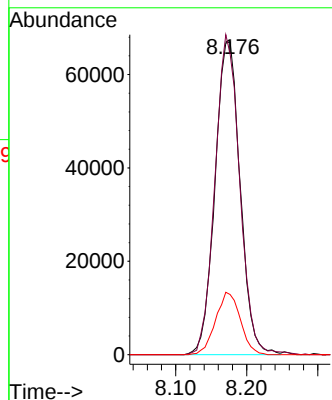
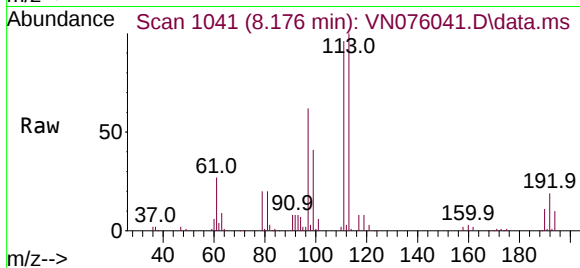
Tgt Ion:113 Resp: 164660

Ion Ratio Lower Upper

113 100

111 100.4 83.4 125.2

192 19.6 16.1 24.1



#36

1,1-Dichloropropene

Concen: 20.745 ug/l

RT: 8.376 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN076041.D

Acq: 29 Dec 2022 12:07

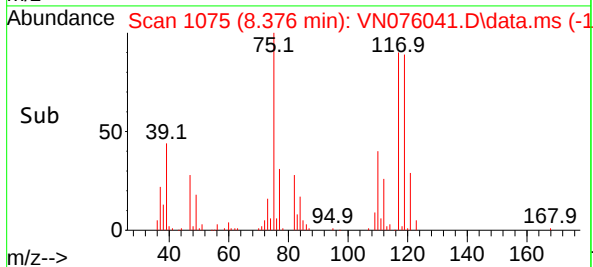
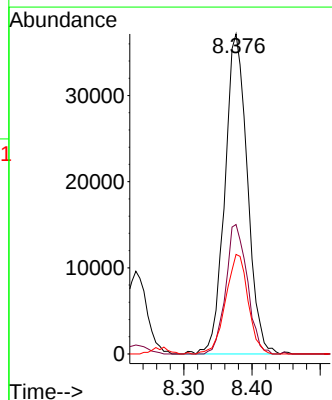
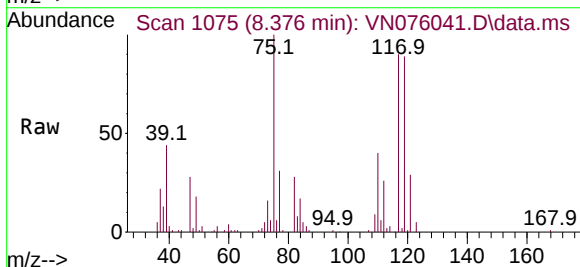
Tgt Ion: 75 Resp: 85256

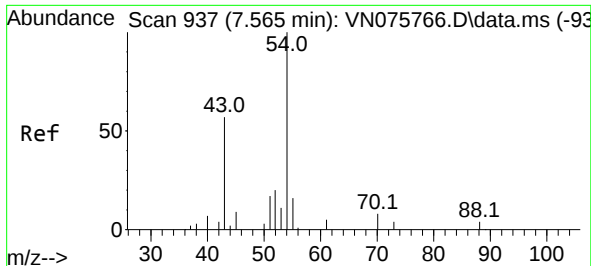
Ion Ratio Lower Upper

75 100

110 38.7 18.8 56.4

77 31.1 24.1 36.1

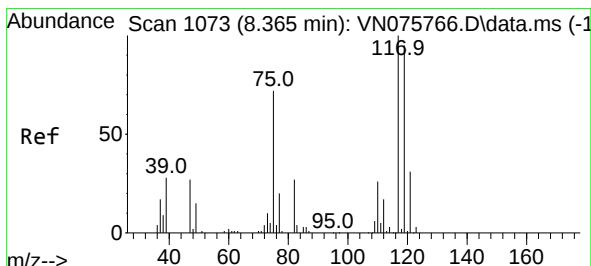
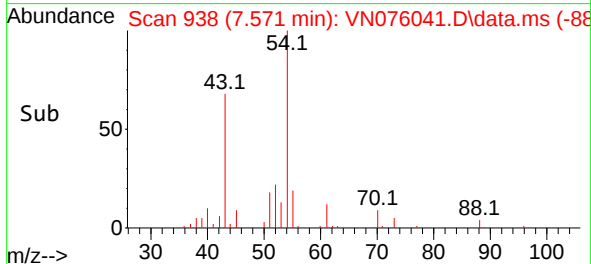
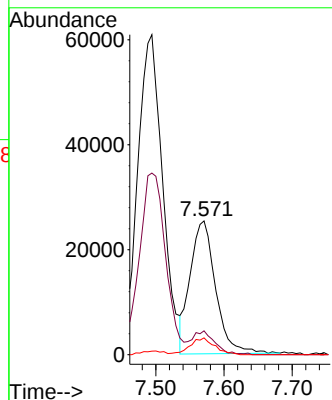
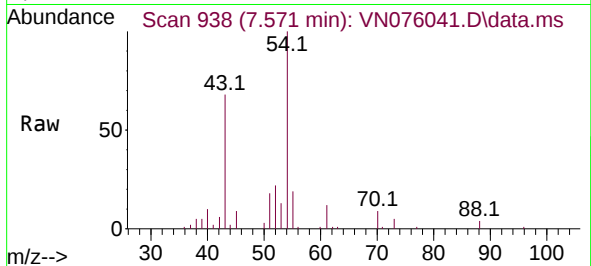




#37  
Ethyl Acetate  
Concen: 19.845 ug/l  
RT: 7.571 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN076041.D  
Acq: 29 Dec 2022 12:07

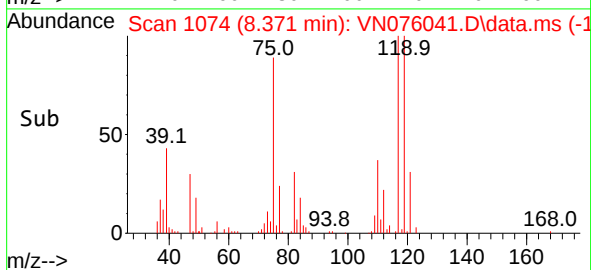
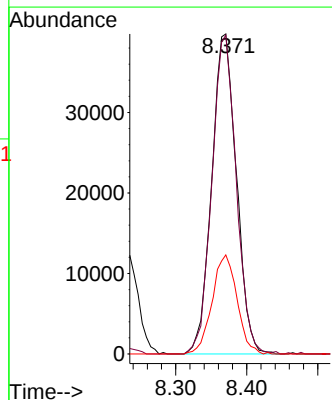
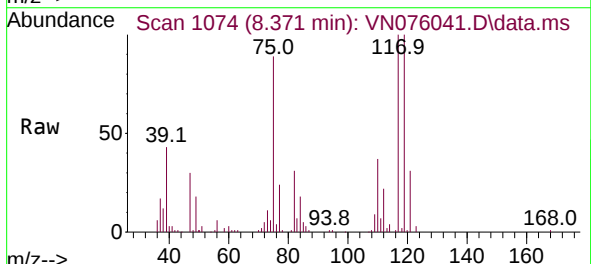
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1229WBS01

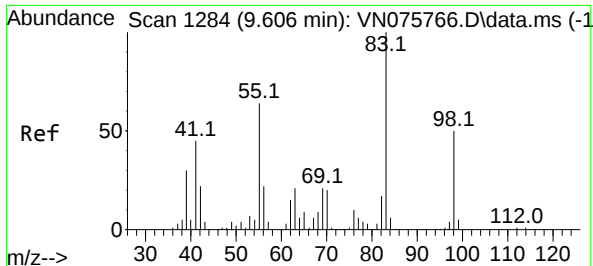
Tgt Ion: 43 Resp: 65511  
Ion Ratio Lower Upper  
43 100  
61 15.3 13.0 19.4  
70 12.0 9.4 14.0



#38  
Carbon Tetrachloride  
Concen: 20.886 ug/l  
RT: 8.371 min Scan# 1074  
Delta R.T. 0.006 min  
Lab File: VN076041.D  
Acq: 29 Dec 2022 12:07

Tgt Ion: 117 Resp: 96070  
Ion Ratio Lower Upper  
117 100  
119 99.7 76.1 114.1  
121 30.9 24.5 36.7





#39

Methylcyclohexane

Concen: 22.352 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN076041.D

Acq: 29 Dec 2022 12:07

Instrument :

MSVOA\_N

ClientSampleId :

VN1229WBS01

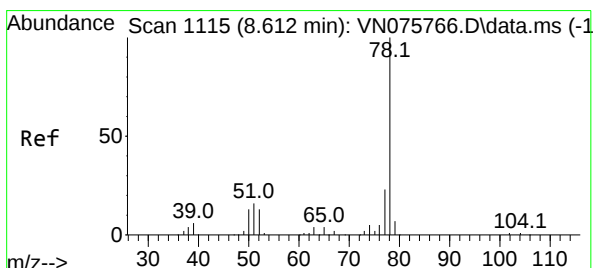
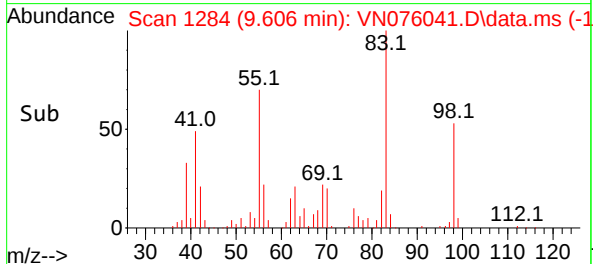
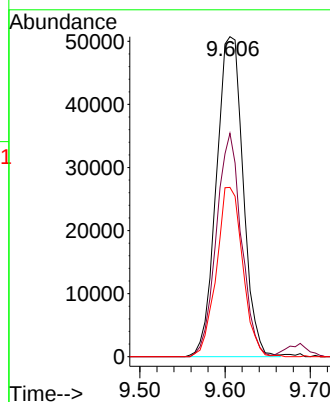
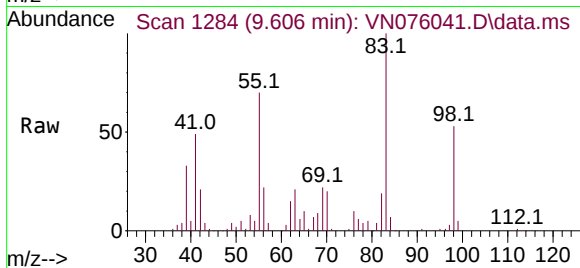
Tgt Ion: 83 Resp: 110823

Ion Ratio Lower Upper

83 100

55 69.8 51.4 77.0

98 52.9 39.8 59.8



#40

Benzene

Concen: 20.879 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN076041.D

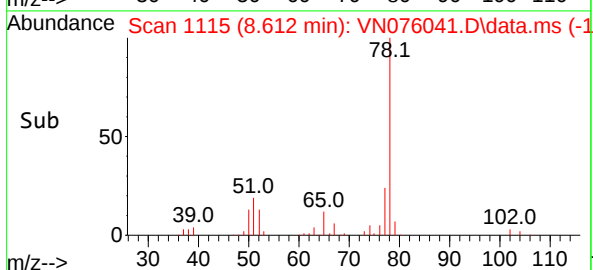
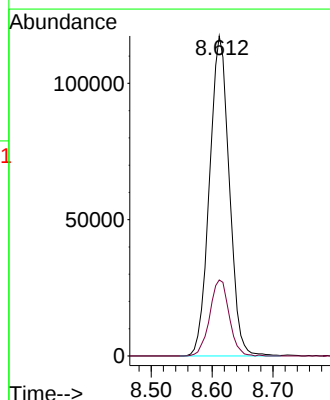
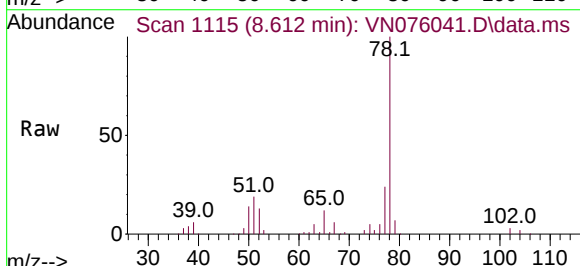
Acq: 29 Dec 2022 12:07

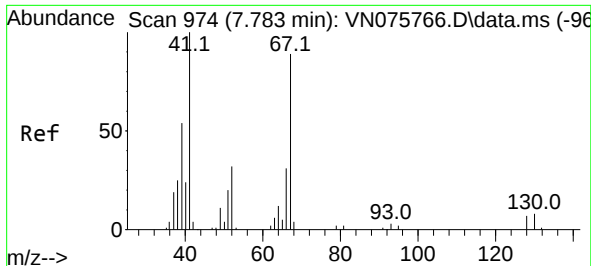
Tgt Ion: 78 Resp: 264743

Ion Ratio Lower Upper

78 100

77 23.7 18.5 27.7

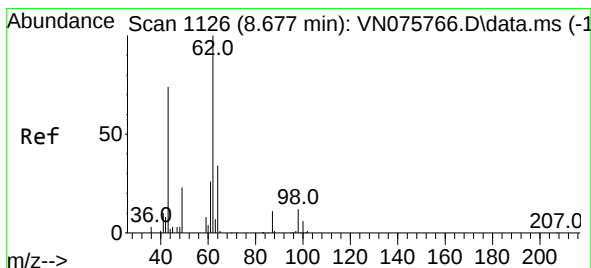
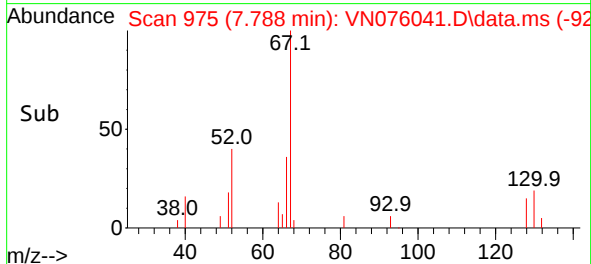
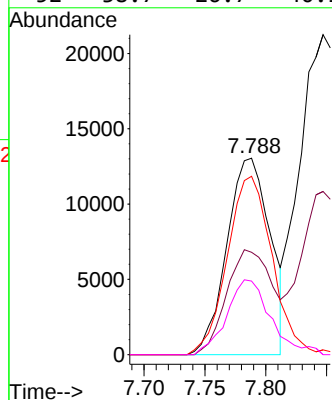
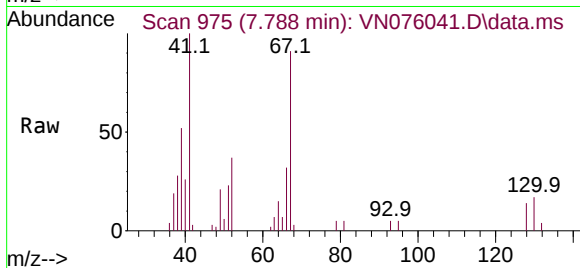




#41  
Methacrylonitrile  
Concen: 18.782 ug/l  
RT: 7.788 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN076041.D  
Acq: 29 Dec 2022 12:07

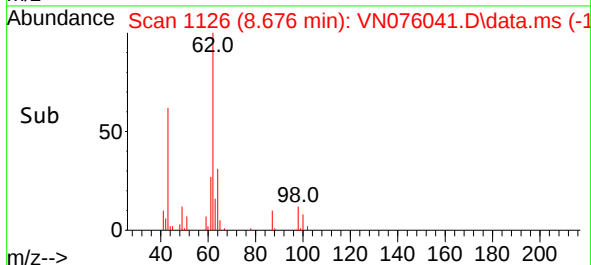
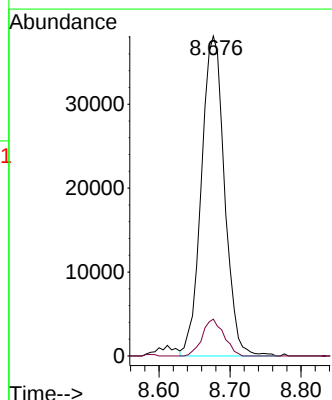
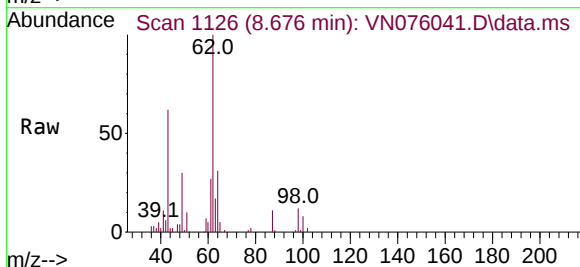
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1229WBS01

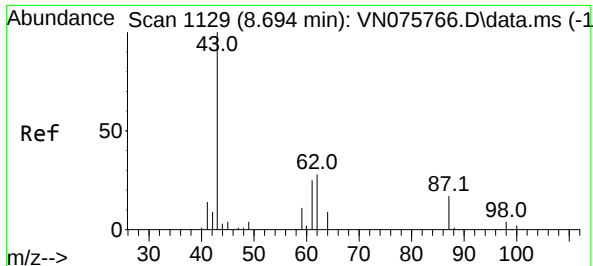
Tgt Ion: 41 Resp: 32227  
Ion Ratio Lower Upper  
41 100  
39 56.0 43.1 64.7  
67 94.8 70.7 106.1  
52 38.7 26.7 40.1



#42  
1,2-Dichloroethane  
Concen: 20.518 ug/l  
RT: 8.676 min Scan# 1126  
Delta R.T. -0.000 min  
Lab File: VN076041.D  
Acq: 29 Dec 2022 12:07

Tgt Ion: 62 Resp: 86494  
Ion Ratio Lower Upper  
62 100  
98 10.7 0.0 20.8

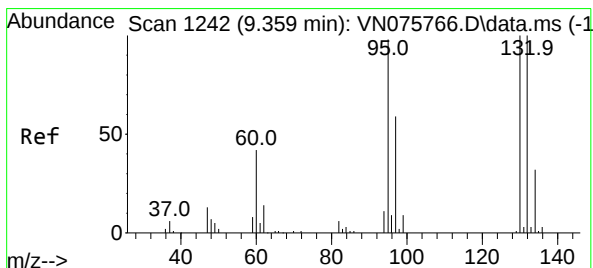
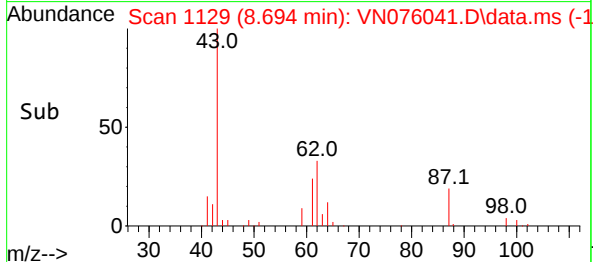
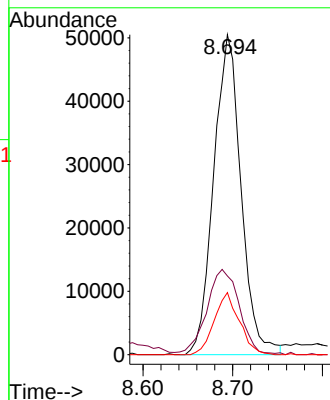
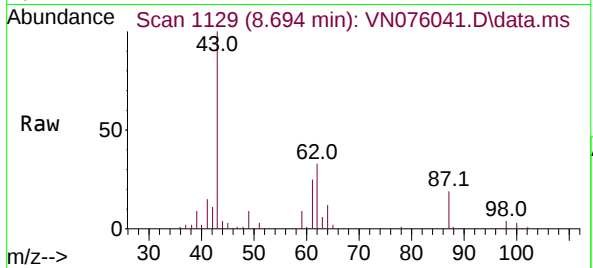




#43  
Isopropyl Acetate  
Concen: 19.665 ug/l  
RT: 8.694 min Scan# 1129  
Delta R.T. -0.000 min  
Lab File: VN076041.D  
Acq: 29 Dec 2022 12:07

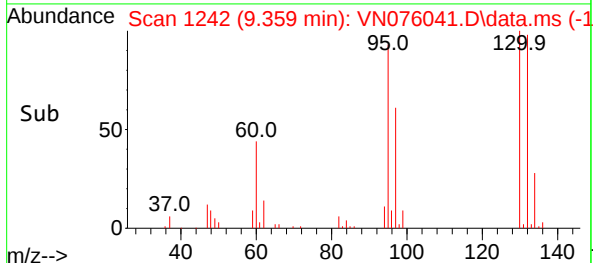
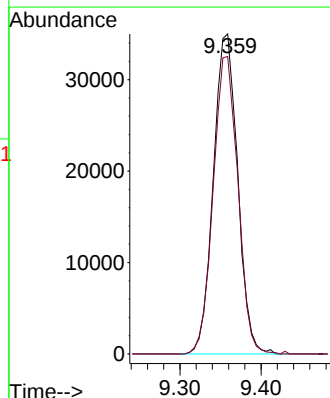
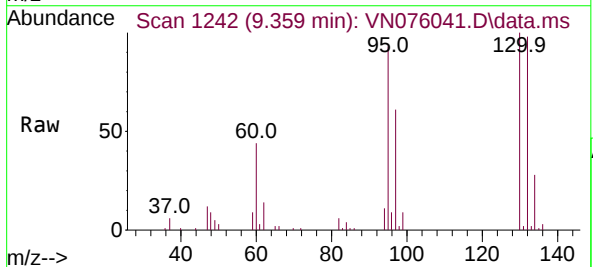
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1229WBS01

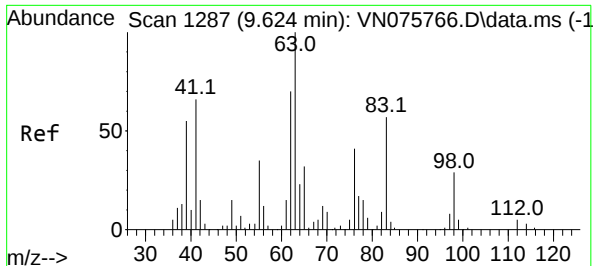
Tgt Ion: 43 Resp: 107083  
Ion Ratio Lower Upper  
43 100  
61 31.8 24.2 36.4  
87 17.8 13.3 19.9



#44  
Trichloroethene  
Concen: 20.387 ug/l  
RT: 9.359 min Scan# 1242  
Delta R.T. -0.000 min  
Lab File: VN076041.D  
Acq: 29 Dec 2022 12:07

Tgt Ion:130 Resp: 72824  
Ion Ratio Lower Upper  
130 100  
95 92.9 0.0 195.4





#45

1,2-Dichloropropane

Concen: 20.203 ug/l

RT: 9.623 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN076041.D

Acq: 29 Dec 2022 12:07

Instrument :

MSVOA\_N

ClientSampleId :

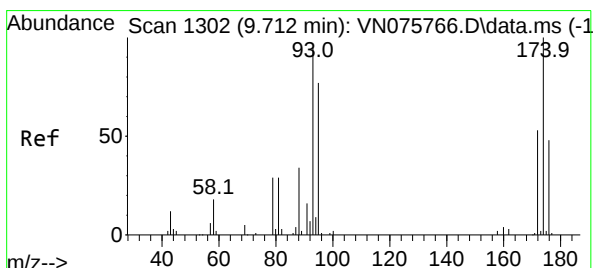
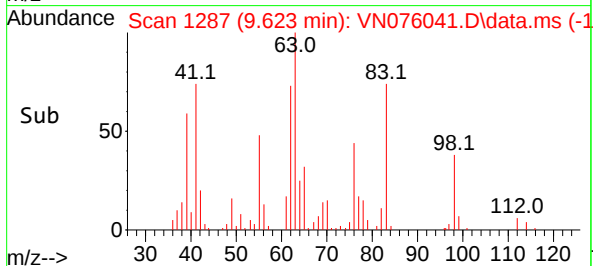
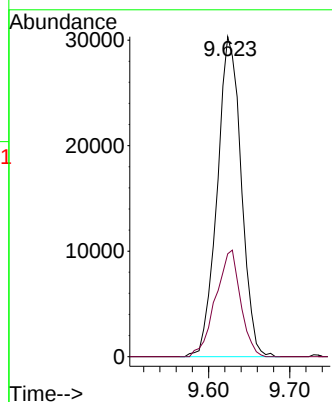
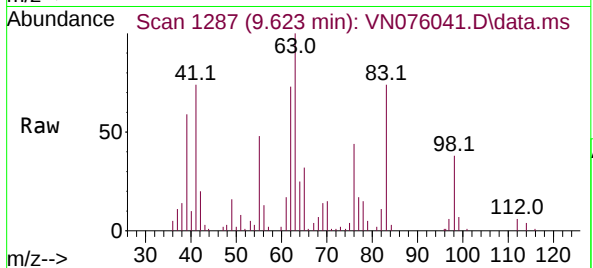
VN1229WBS01

Tgt Ion: 63 Resp: 62337

Ion Ratio Lower Upper

63 100

65 32.1 25.7 38.5



#46

Dibromomethane

Concen: 20.428 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076041.D

Acq: 29 Dec 2022 12:07

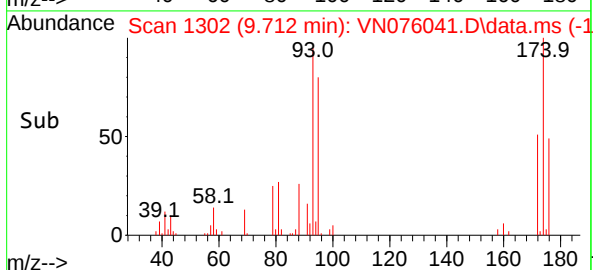
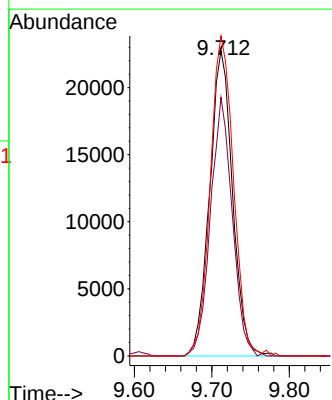
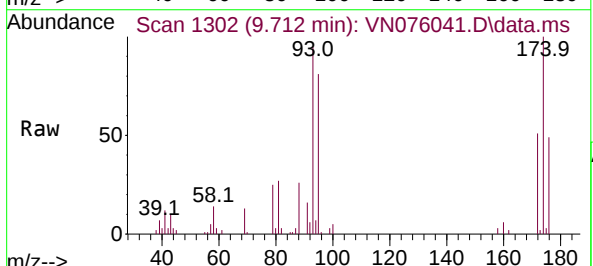
Tgt Ion: 93 Resp: 46751

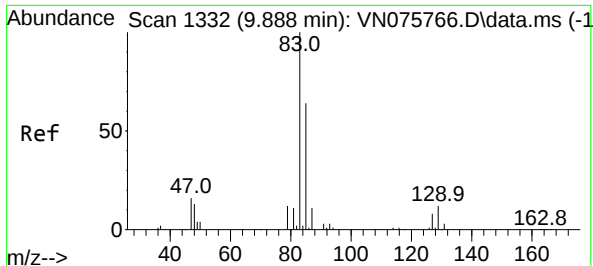
Ion Ratio Lower Upper

93 100

95 80.3 65.2 97.8

174 106.2 82.4 123.6

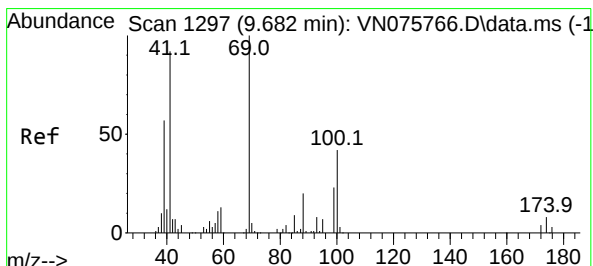
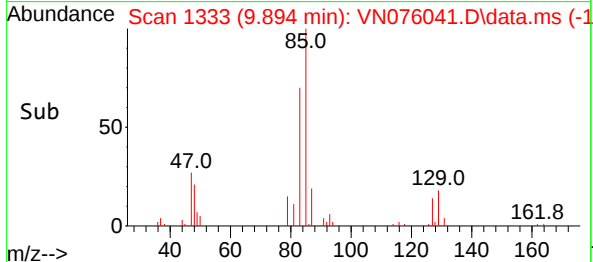
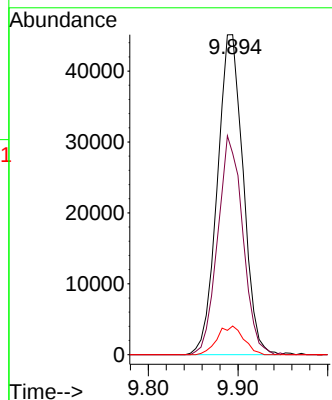
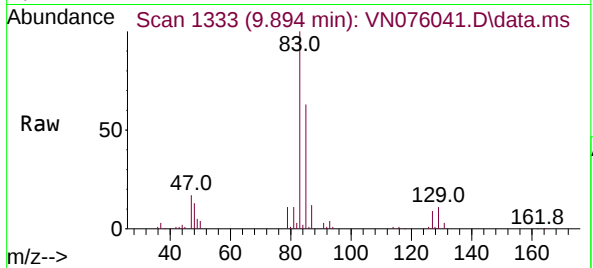




#47  
Bromodichloromethane  
Concen: 20.063 ug/l  
RT: 9.894 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN076041.D  
Acq: 29 Dec 2022 12:07

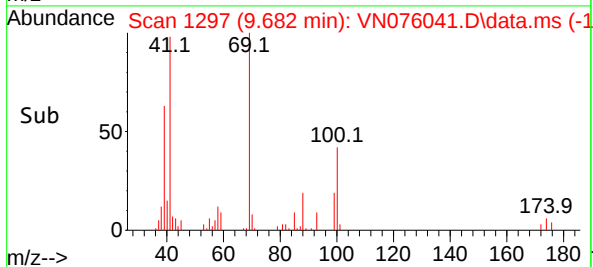
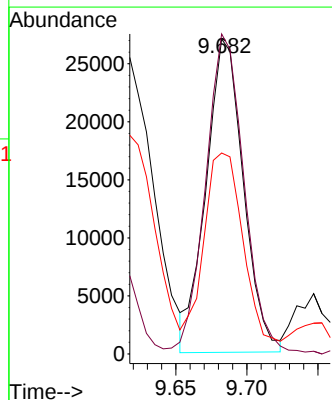
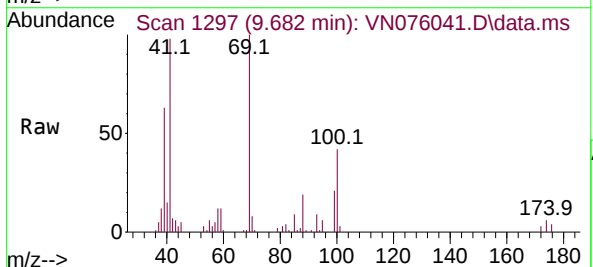
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1229WBS01

Tgt Ion: 83 Resp: 90044  
Ion Ratio Lower Upper  
83 100  
85 62.9 51.5 77.3  
127 9.0 6.6 10.0



#48  
Methyl methacrylate  
Concen: 20.145 ug/l  
RT: 9.682 min Scan# 1297  
Delta R.T. -0.000 min  
Lab File: VN076041.D  
Acq: 29 Dec 2022 12:07

Tgt Ion: 41 Resp: 49407  
Ion Ratio Lower Upper  
41 100  
69 105.6 81.9 122.9  
39 70.1 51.6 77.4





#49

1,4-Dioxane

Concen: 365.590 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN076041.D

Acq: 29 Dec 2022 12:07

Instrument :

MSVOA\_N

ClientSampleId :

VN1229WBS01

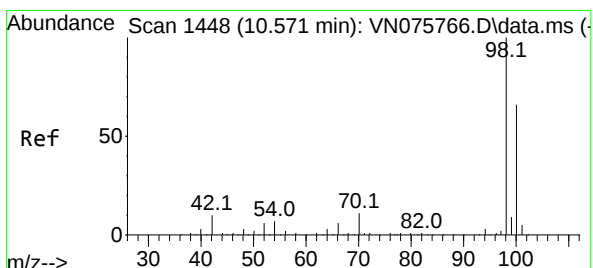
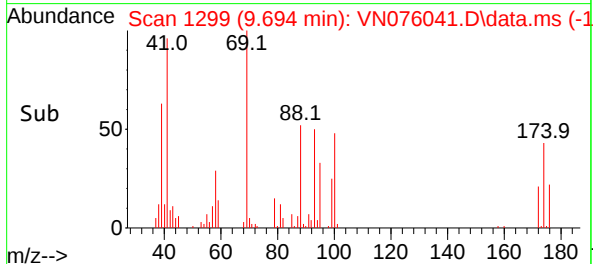
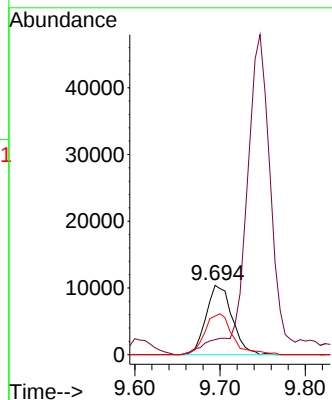
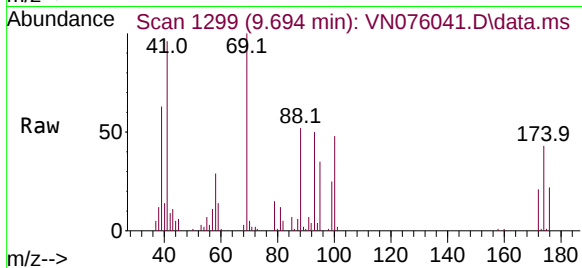
Tgt Ion: 88 Resp: 22043

Ion Ratio Lower Upper

88 100

43 0.0 17.1 25.7#

58 63.0 47.8 71.8



#50

Toluene-d8

Concen: 51.945 ug/l

RT: 10.570 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076041.D

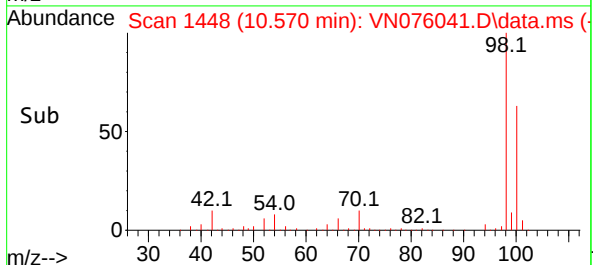
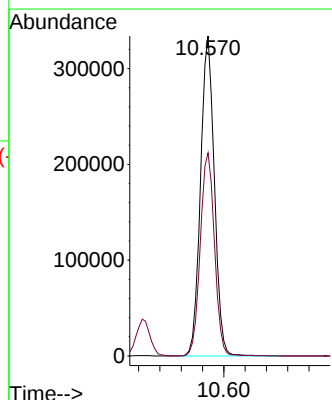
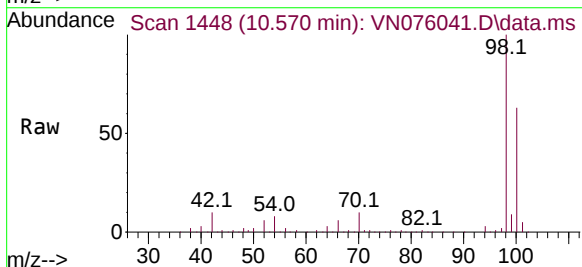
Acq: 29 Dec 2022 12:07

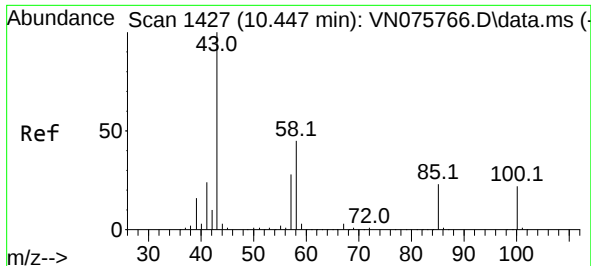
Tgt Ion: 98 Resp: 600846

Ion Ratio Lower Upper

98 100

100 65.1 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 96.413 ug/l

RT: 10.447 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VN076041.D

Acq: 29 Dec 2022 12:07

Instrument :

MSVOA\_N

ClientSampleId :

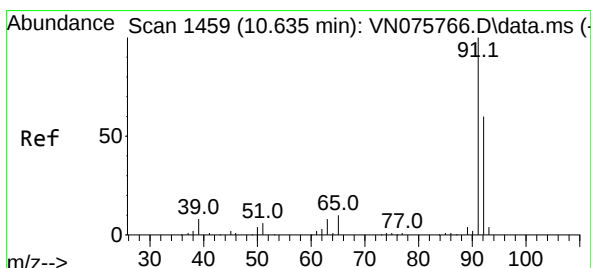
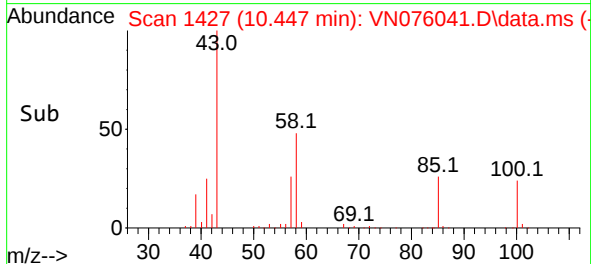
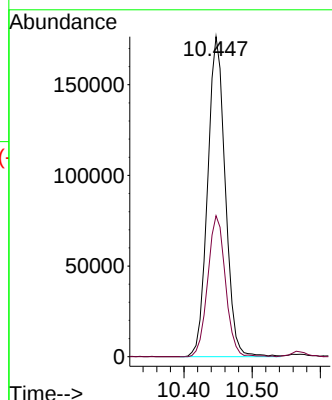
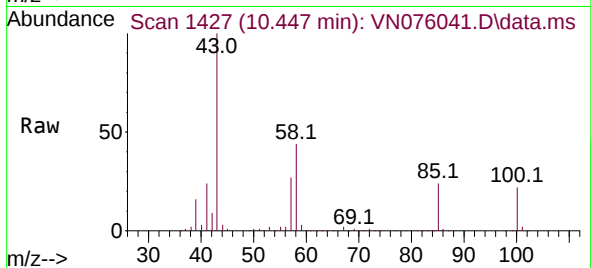
VN1229WBS01

Tgt Ion: 43 Resp: 317501

Ion Ratio Lower Upper

43 100

58 44.4 35.5 53.3



#52

Toluene

Concen: 21.610 ug/l

RT: 10.635 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VN076041.D

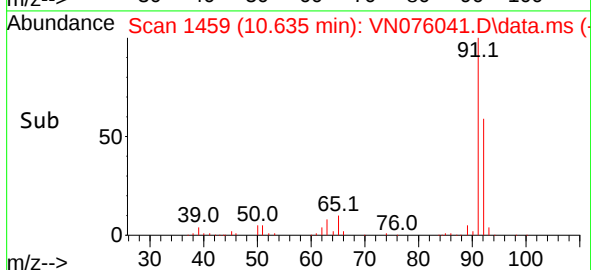
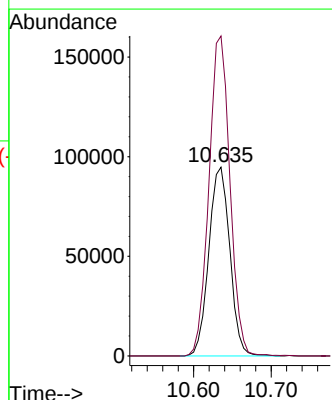
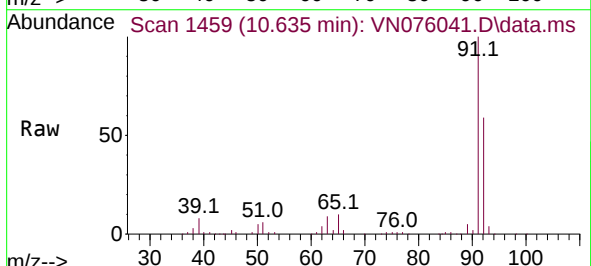
Acq: 29 Dec 2022 12:07

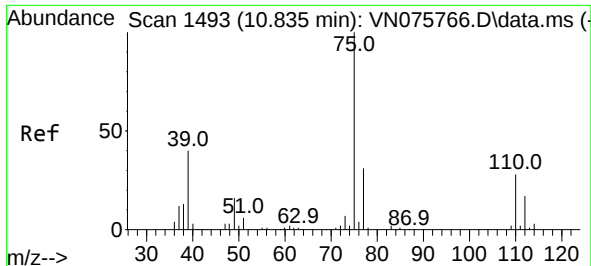
Tgt Ion: 92 Resp: 178457

Ion Ratio Lower Upper

92 100

91 169.4 137.3 205.9

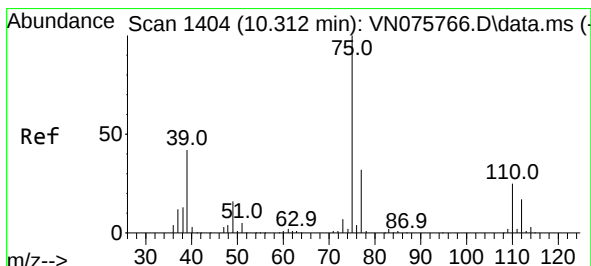
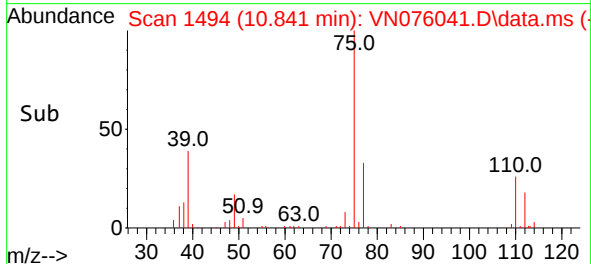
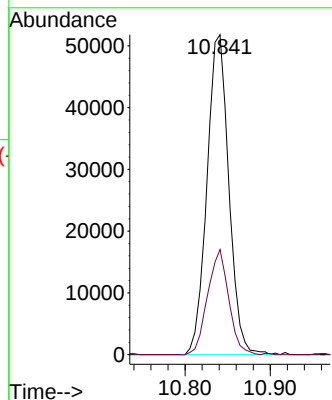
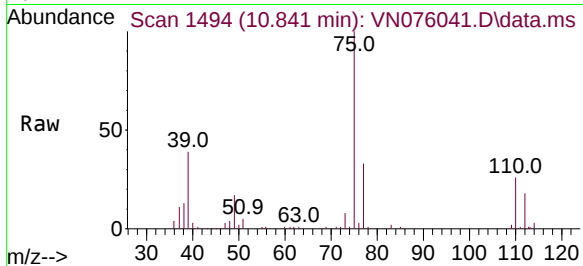




#53  
 t-1,3-Dichloropropene  
 Concen: 21.025 ug/l  
 RT: 10.841 min Scan# 1493  
 Delta R.T. 0.006 min  
 Lab File: VN076041.D  
 Acq: 29 Dec 2022 12:07

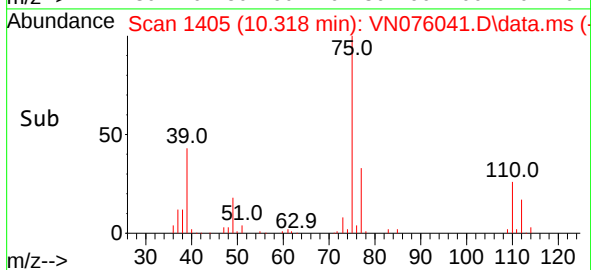
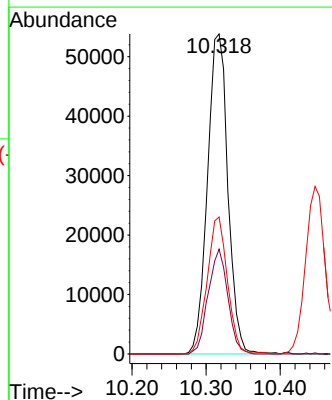
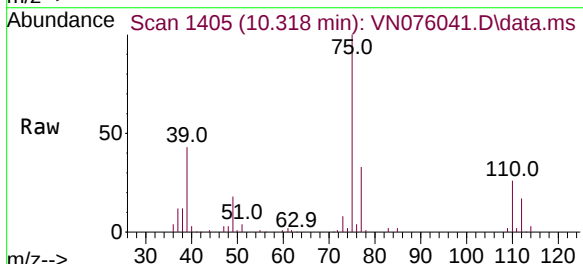
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1229WBS01

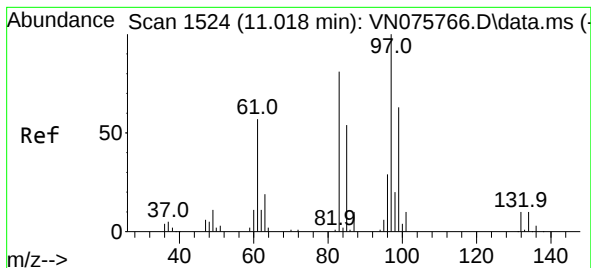
Tgt Ion: 75 Resp: 92368  
 Ion Ratio Lower Upper  
 75 100  
 77 32.8 24.9 37.3



#54  
 cis-1,3-Dichloropropene  
 Concen: 21.381 ug/l  
 RT: 10.318 min Scan# 1405  
 Delta R.T. 0.006 min  
 Lab File: VN076041.D  
 Acq: 29 Dec 2022 12:07

Tgt Ion: 75 Resp: 103131  
 Ion Ratio Lower Upper  
 75 100  
 77 32.8 25.8 38.8  
 39 42.8 33.4 50.2

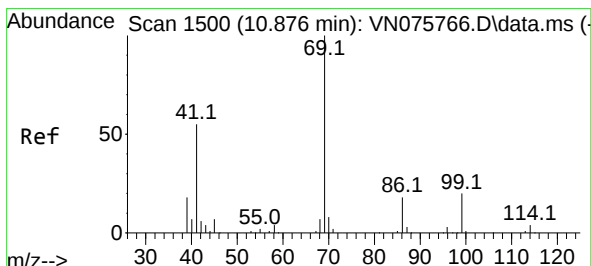
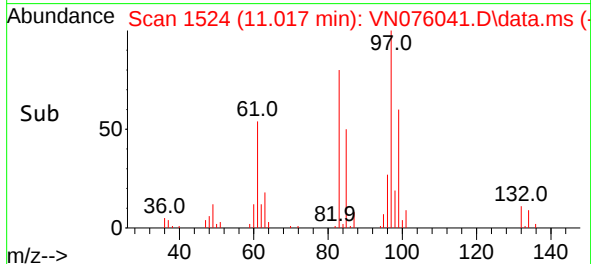
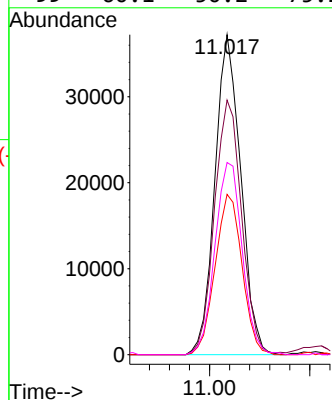
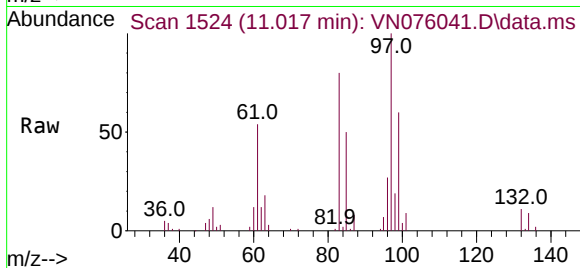




#55  
1,1,2-Trichloroethane  
Concen: 20.584 ug/l  
RT: 11.017 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN076041.D  
Acq: 29 Dec 2022 12:07

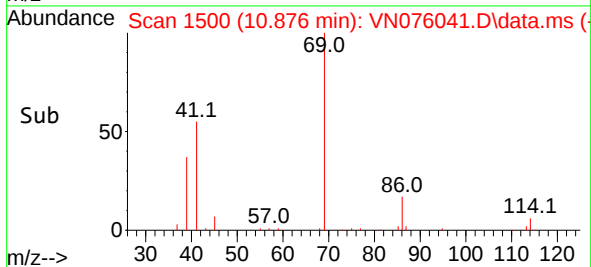
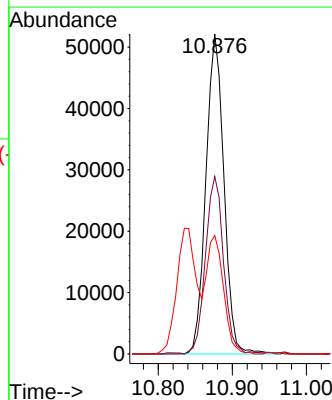
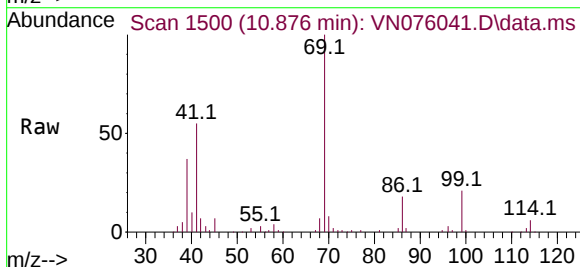
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1229WBS01

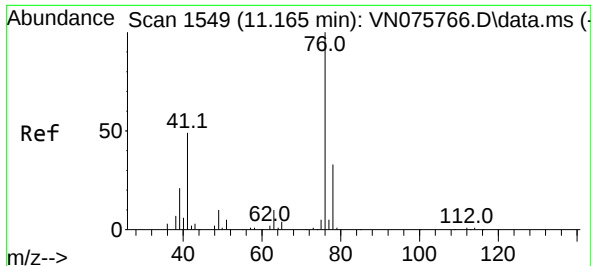
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 66719 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 79.6  | 65.0  | 97.4  |
| 85       | 50.1  | 43.0  | 64.6  |
| 99       | 60.1  | 50.2  | 75.2  |



#56  
Ethyl methacrylate  
Concen: 20.466 ug/l  
RT: 10.876 min Scan# 1500  
Delta R.T. -0.000 min  
Lab File: VN076041.D  
Acq: 29 Dec 2022 12:07

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 88114 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 55.9  | 44.2  | 66.4  |
| 39       | 34.7  | 26.4  | 39.6  |





#57

1,3-Dichloropropane

Concen: 20.532 ug/l

RT: 11.165 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076041.D

Acq: 29 Dec 2022 12:07

Instrument :

MSVOA\_N

ClientSampleId :

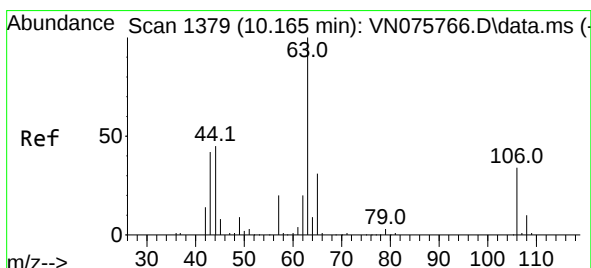
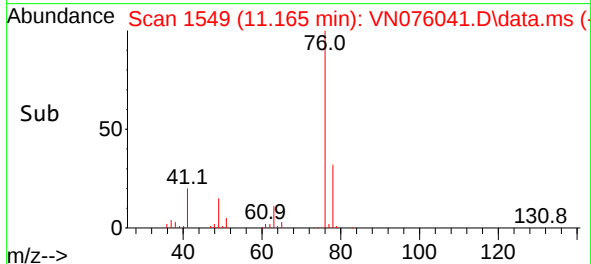
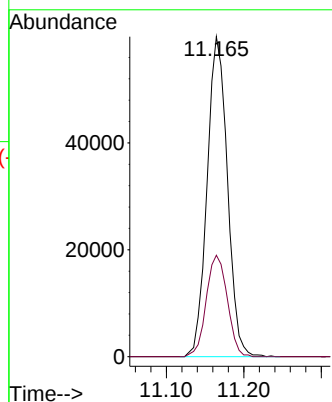
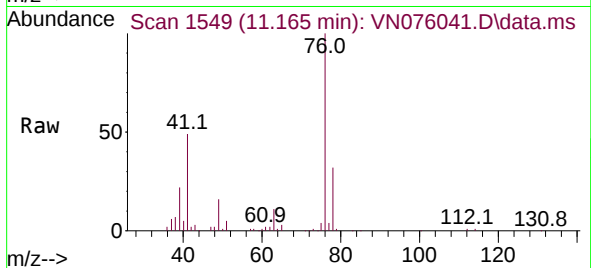
VN1229WBS01

Tgt Ion: 76 Resp: 109165

Ion Ratio Lower Upper

76 100

78 32.8 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 99.443 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN076041.D

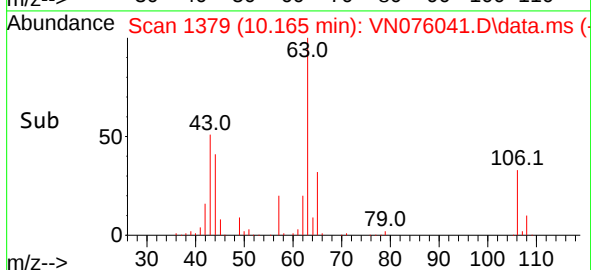
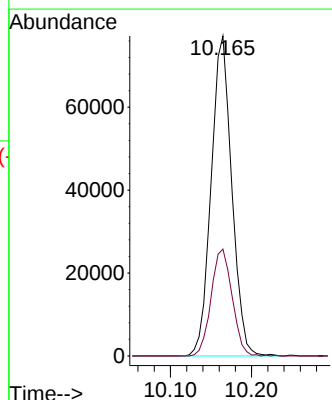
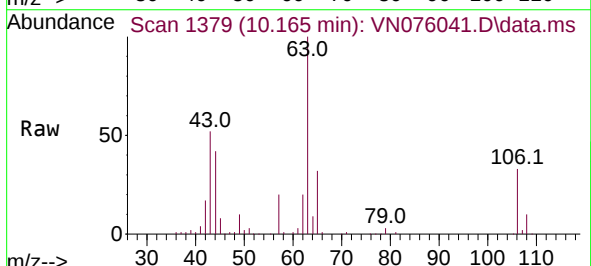
Acq: 29 Dec 2022 12:07

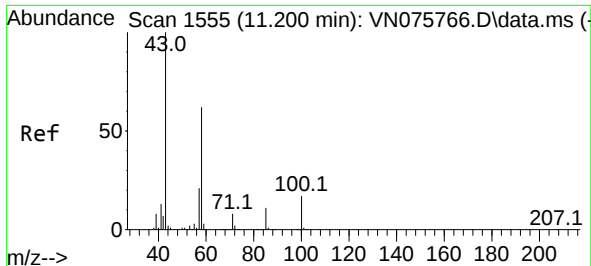
Tgt Ion: 63 Resp: 136311

Ion Ratio Lower Upper

63 100

106 34.0 26.4 39.6

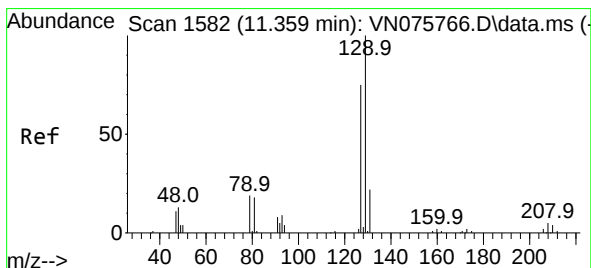
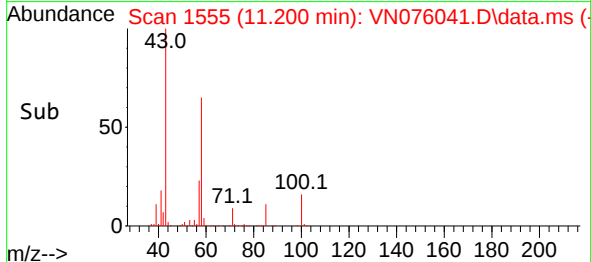
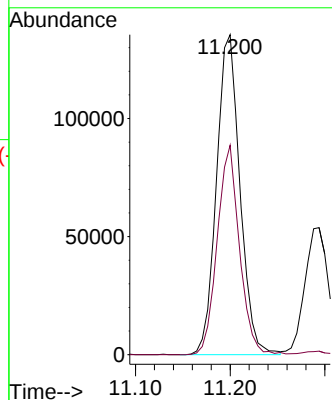
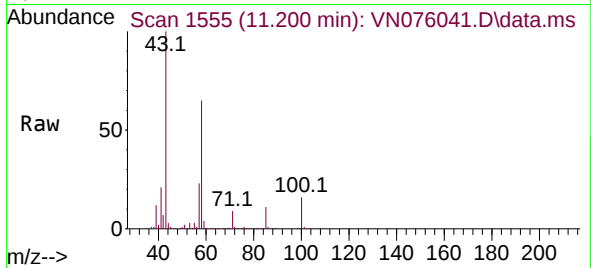




#59  
2-Hexanone  
Concen: 97.061 ug/l  
RT: 11.200 min Scan# 1555  
Delta R.T. -0.000 min  
Lab File: VN076041.D  
Acq: 29 Dec 2022 12:07

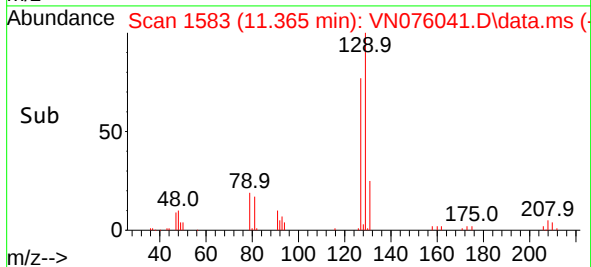
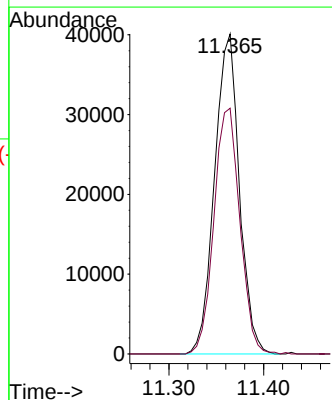
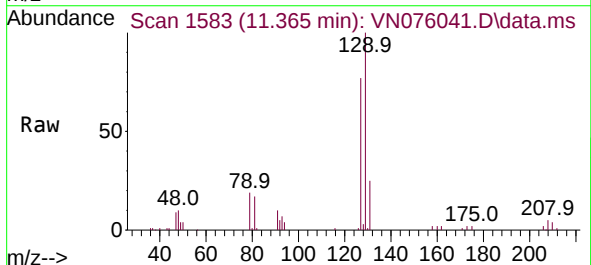
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1229WBS01

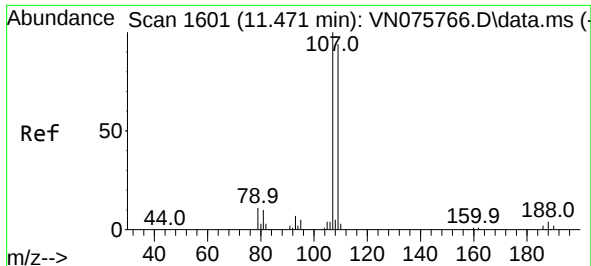
Tgt Ion: 43 Resp: 233099  
Ion Ratio Lower Upper  
43 100  
58 62.1 30.6 92.0



#60  
Dibromochloromethane  
Concen: 20.252 ug/l  
RT: 11.365 min Scan# 1583  
Delta R.T. 0.006 min  
Lab File: VN076041.D  
Acq: 29 Dec 2022 12:07

Tgt Ion: 129 Resp: 73001  
Ion Ratio Lower Upper  
129 100  
127 80.3 38.3 114.9

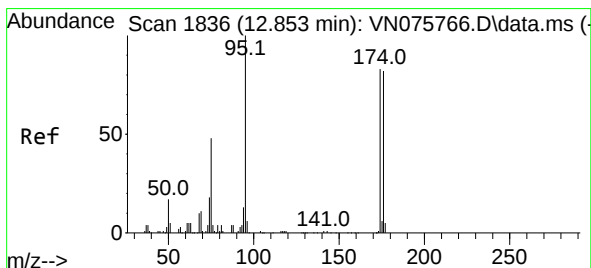
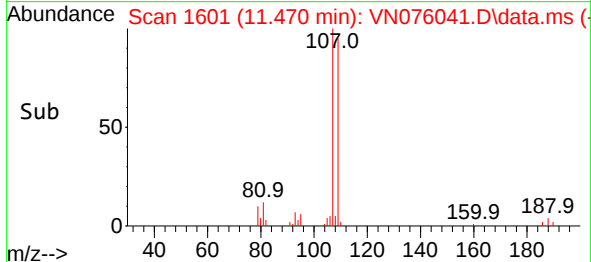
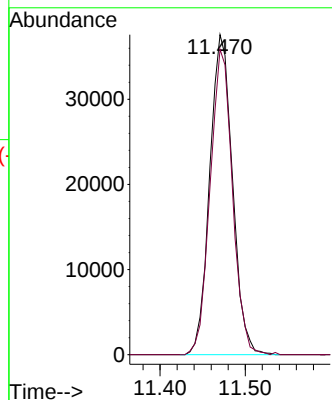
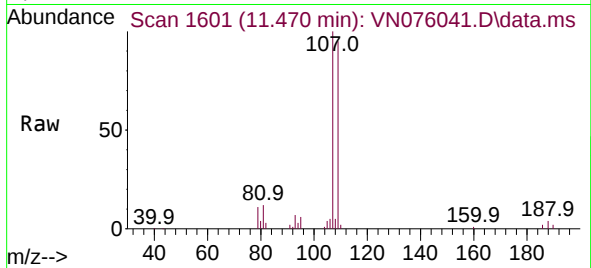




#61  
1,2-Dibromoethane  
Concen: 21.233 ug/l  
RT: 11.470 min Scan# 1107  
Delta R.T. -0.000 min  
Lab File: VN076041.D  
Acq: 29 Dec 2022 12:07

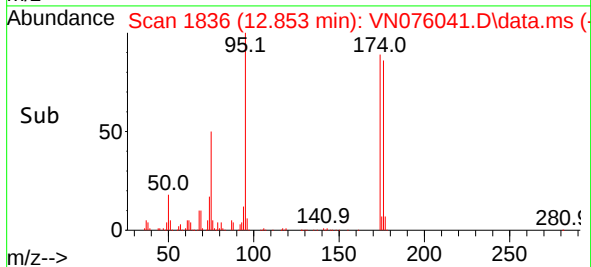
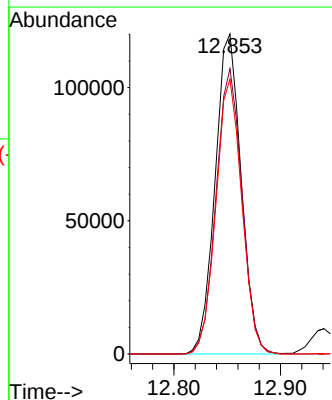
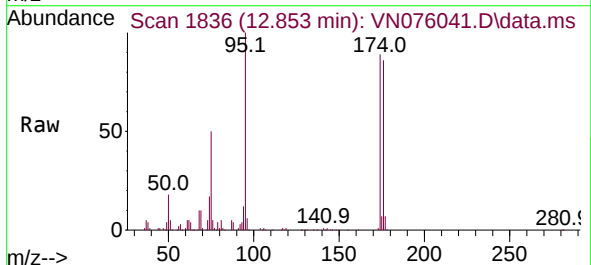
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1229WBS01

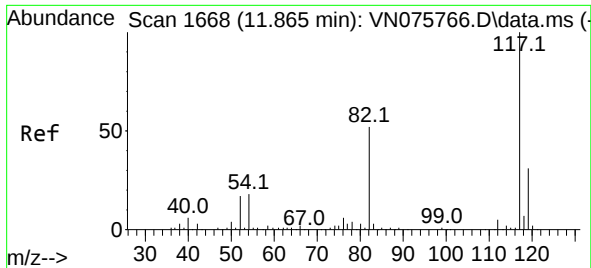
Tgt Ion:107 Resp: 69647  
Ion Ratio Lower Upper  
107 100  
109 93.4 74.8 112.2



#62  
4-Bromofluorobenzene  
Concen: 53.118 ug/l  
RT: 12.853 min Scan# 1836  
Delta R.T. -0.000 min  
Lab File: VN076041.D  
Acq: 29 Dec 2022 12:07

Tgt Ion: 95 Resp: 203501  
Ion Ratio Lower Upper  
95 100  
174 89.3 0.0 171.6  
176 85.3 0.0 169.2

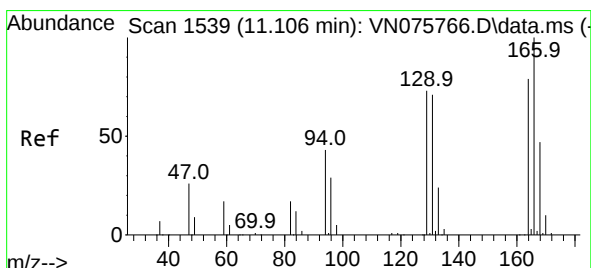
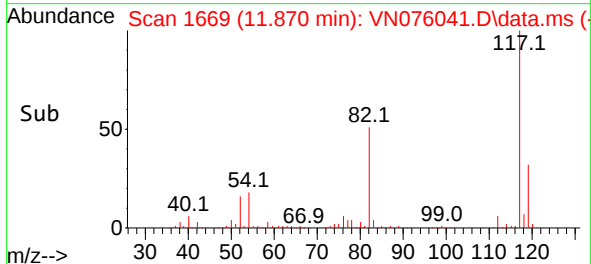
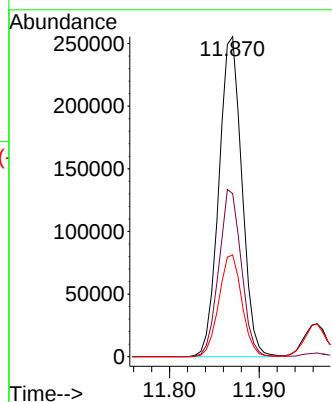
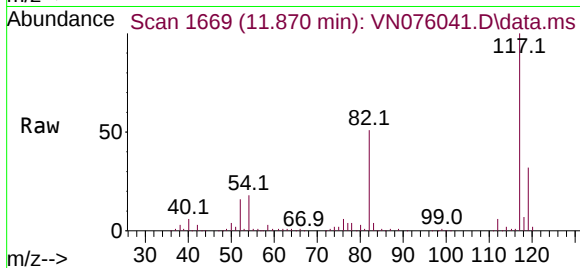




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.870 min Scan# 117  
Delta R.T. 0.006 min  
Lab File: VN076041.D  
Acq: 29 Dec 2022 12:07

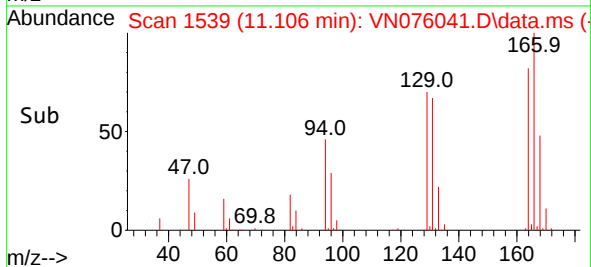
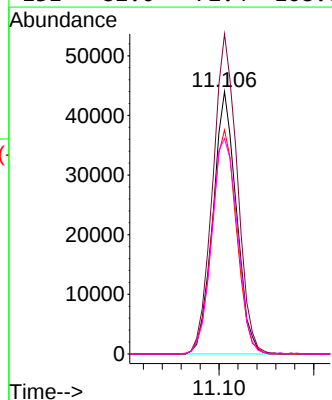
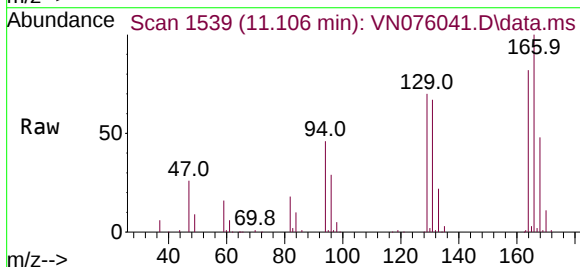
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1229WBS01

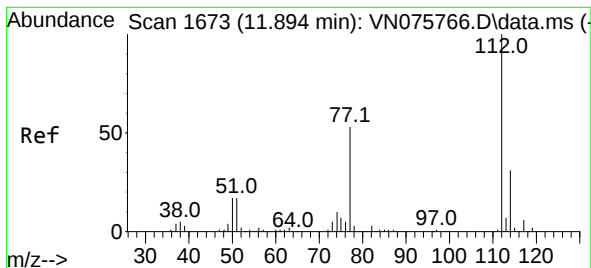
Tgt Ion:117 Resp: 453991  
Ion Ratio Lower Upper  
117 100  
82 50.9 41.3 61.9  
119 31.8 24.6 37.0



#64  
Tetrachloroethene  
Concen: 23.712 ug/l  
RT: 11.106 min Scan# 1539  
Delta R.T. -0.000 min  
Lab File: VN076041.D  
Acq: 29 Dec 2022 12:07

Tgt Ion:164 Resp: 75752  
Ion Ratio Lower Upper  
164 100  
166 121.9 101.9 152.9  
129 85.4 74.2 111.2  
131 82.0 72.4 108.6

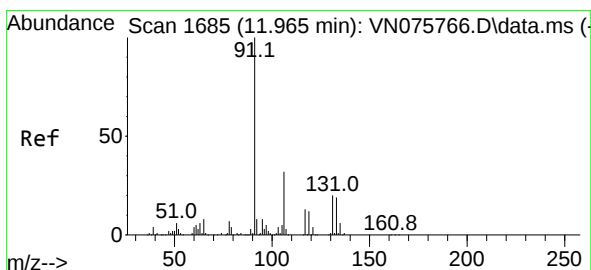
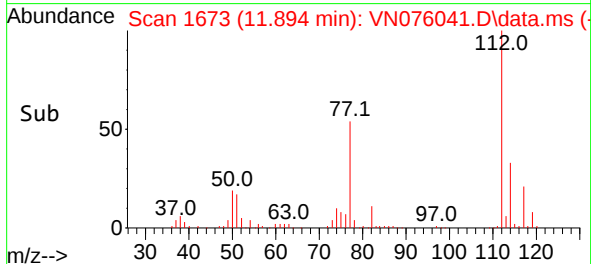
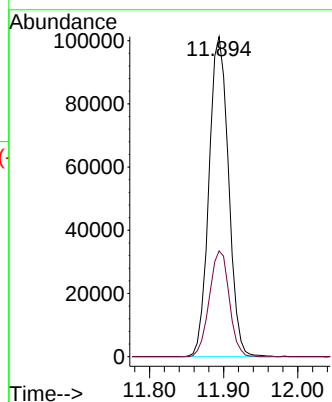
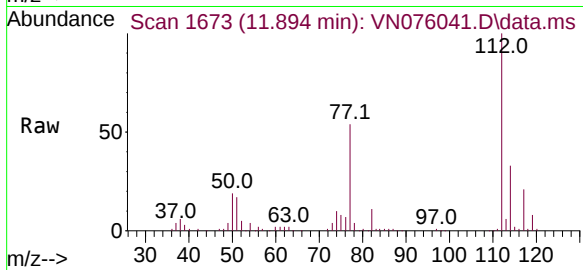




#65  
Chlorobenzene  
Concen: 19.901 ug/l  
RT: 11.894 min Scan# 1673  
Delta R.T. -0.000 min  
Lab File: VN076041.D  
Acq: 29 Dec 2022 12:07

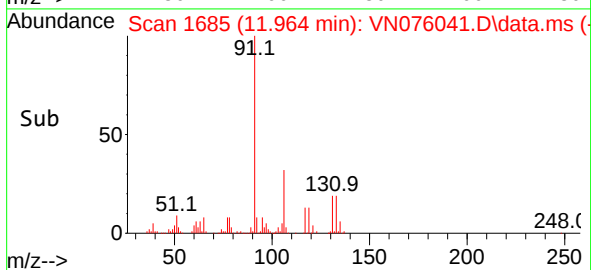
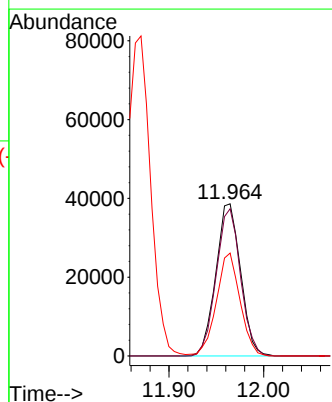
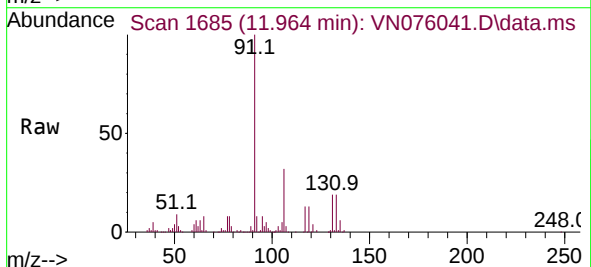
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1229WBS01

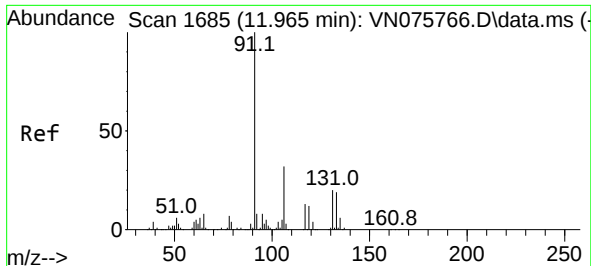
Tgt Ion:112 Resp: 185439  
Ion Ratio Lower Upper  
112 100  
114 33.1 24.7 37.1



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.343 ug/l  
RT: 11.964 min Scan# 1685  
Delta R.T. -0.000 min  
Lab File: VN076041.D  
Acq: 29 Dec 2022 12:07

Tgt Ion:131 Resp: 70213  
Ion Ratio Lower Upper  
131 100  
133 95.0 47.5 142.5  
119 64.9 31.9 95.7





#67

Ethyl Benzene

Concen: 21.194 ug/l

RT: 11.964 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076041.D

Acq: 29 Dec 2022 12:07

Instrument :

MSVOA\_N

ClientSampleId :

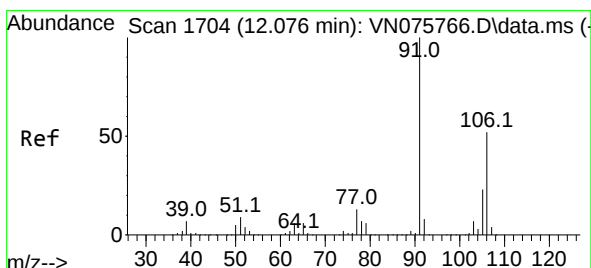
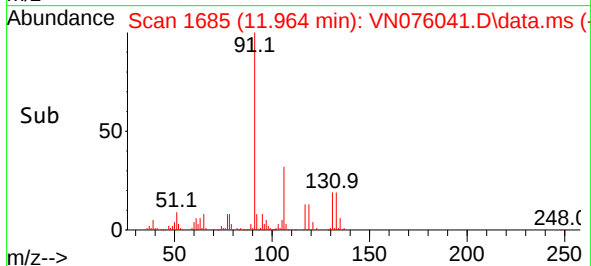
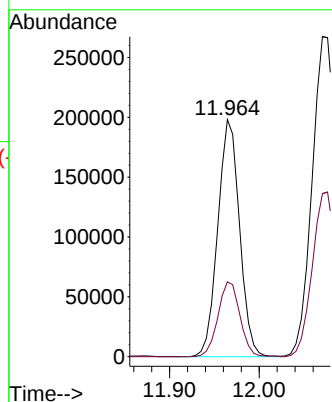
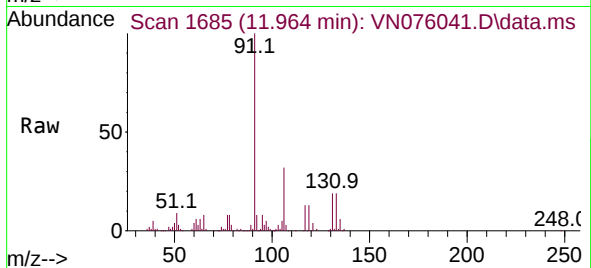
VN1229WBS01

Tgt Ion: 91 Resp: 333315

Ion Ratio Lower Upper

91 100

106 31.6 25.7 38.5



#68

m/p-Xylenes

Concen: 43.292 ug/l

RT: 12.076 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VN076041.D

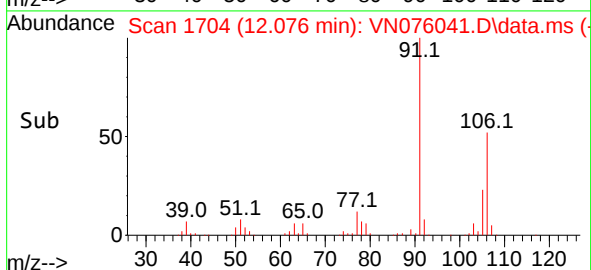
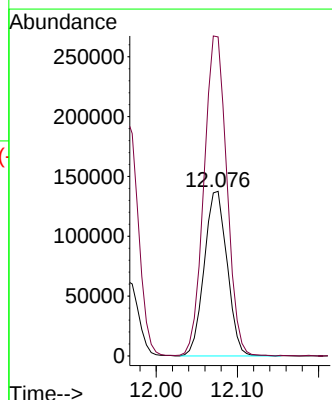
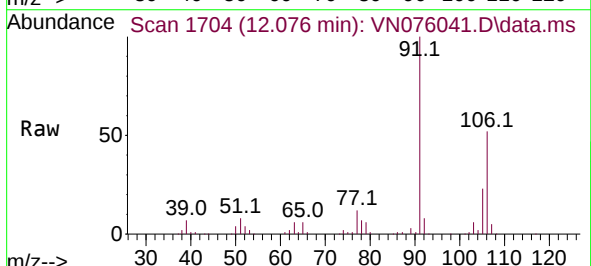
Acq: 29 Dec 2022 12:07

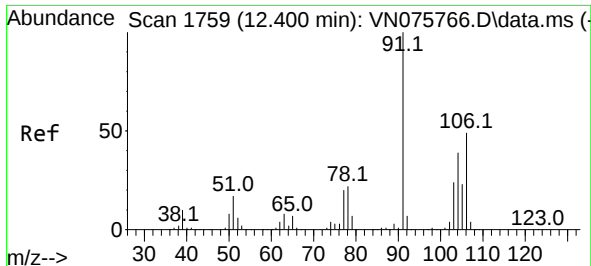
Tgt Ion:106 Resp: 269473

Ion Ratio Lower Upper

106 100

91 193.9 156.6 235.0

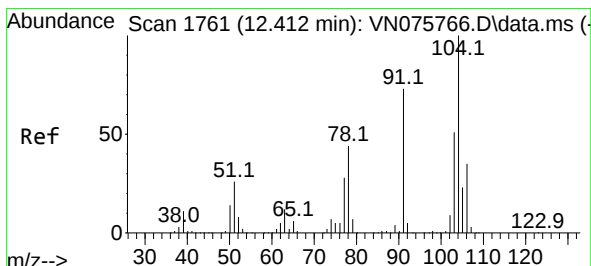
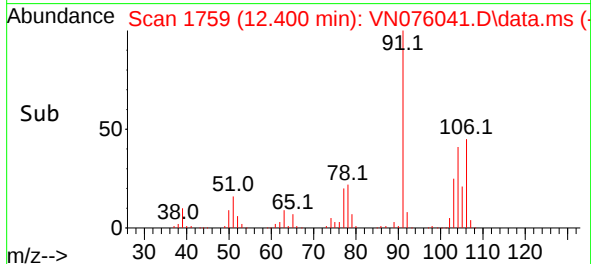
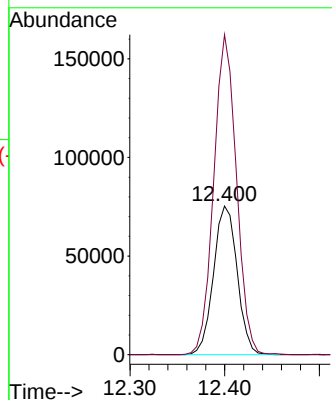
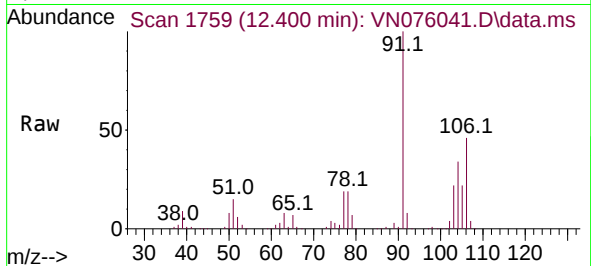




#69  
o-Xylene  
Concen: 21.242 ug/l  
RT: 12.400 min Scan# 1759  
Delta R.T. -0.000 min  
Lab File: VN076041.D  
Acq: 29 Dec 2022 12:07

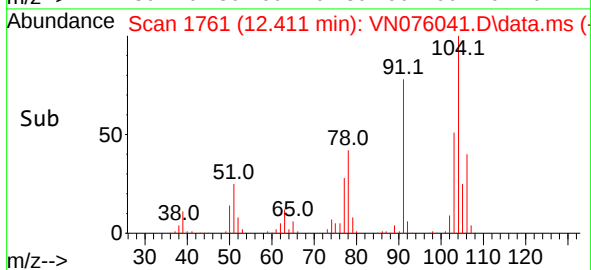
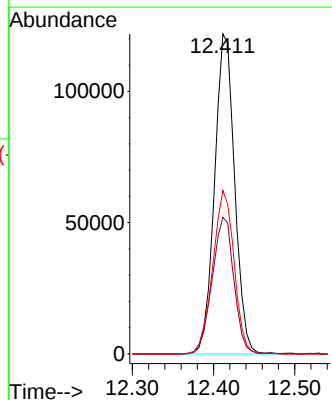
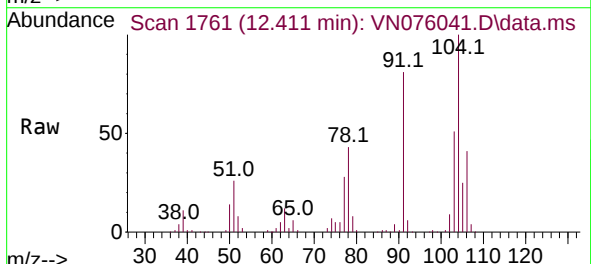
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1229WBS01

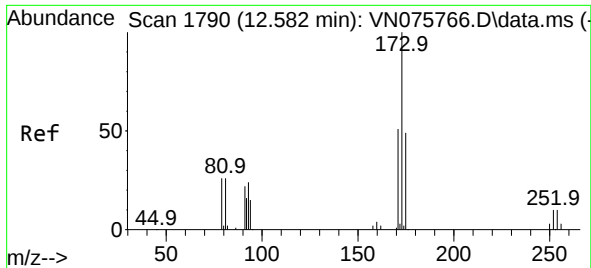
Tgt Ion:106 Resp: 130850  
Ion Ratio Lower Upper  
106 100  
91 207.0 103.8 311.6



#70  
Styrene  
Concen: 21.395 ug/l  
RT: 12.411 min Scan# 1761  
Delta R.T. -0.000 min  
Lab File: VN076041.D  
Acq: 29 Dec 2022 12:07

Tgt Ion:104 Resp: 209551  
Ion Ratio Lower Upper  
104 100  
78 46.2 37.5 56.3  
103 54.3 43.5 65.3

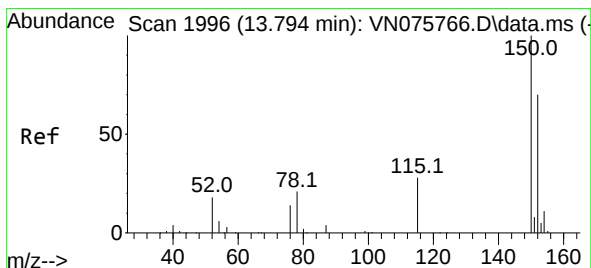
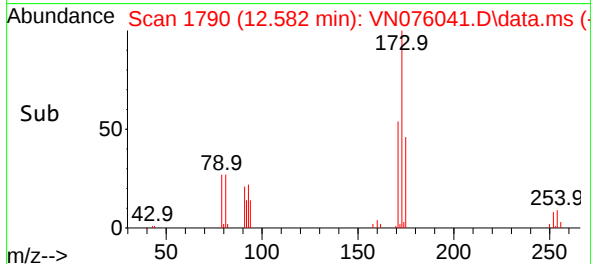
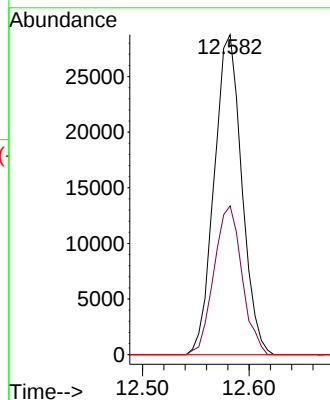
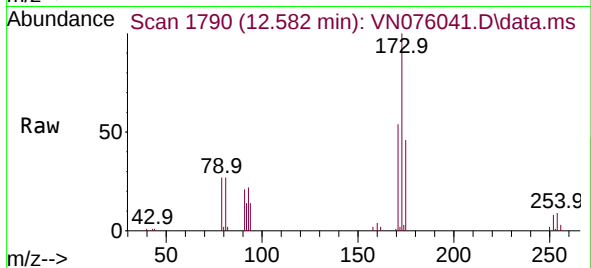




#71  
Bromoform  
Concen: 20.584 ug/l  
RT: 12.582 min Scan# 1790  
Delta R.T. -0.000 min  
Lab File: VN076041.D  
Acq: 29 Dec 2022 12:07

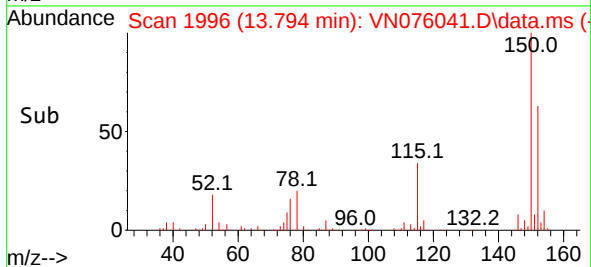
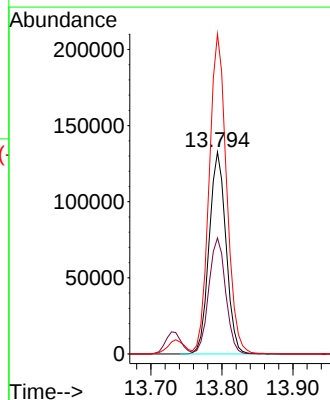
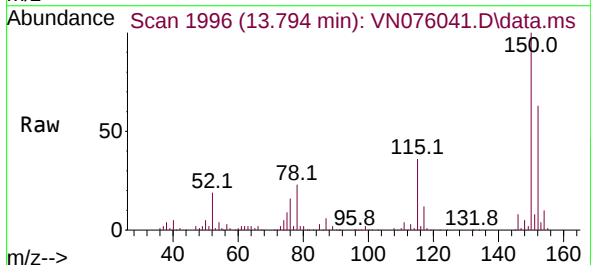
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1229WBS01

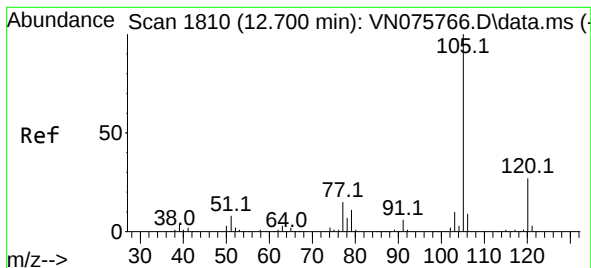
Tgt Ion:173 Resp: 51696  
Ion Ratio Lower Upper  
173 100  
175 47.2 24.3 72.8  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 1996  
Delta R.T. -0.000 min  
Lab File: VN076041.D  
Acq: 29 Dec 2022 12:07

Tgt Ion:152 Resp: 218477  
Ion Ratio Lower Upper  
152 100  
115 57.5 29.1 87.4  
150 163.6 0.0 347.0





#73

Isopropylbenzene

Concen: 21.564 ug/l

RT: 12.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076041.D

Acq: 29 Dec 2022 12:07

Instrument :

MSVOA\_N

ClientSampleId :

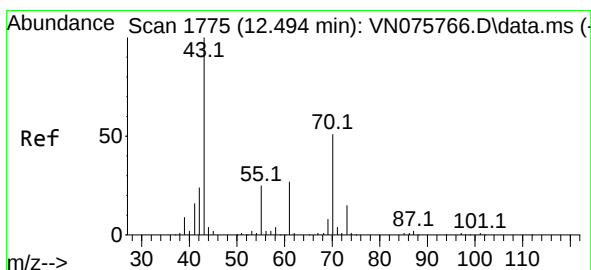
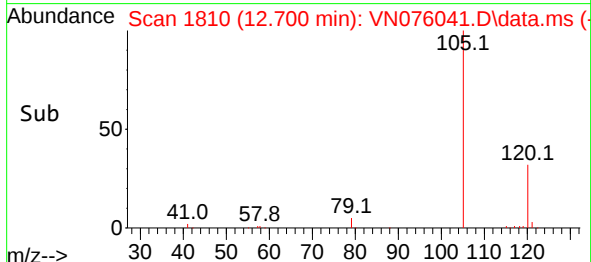
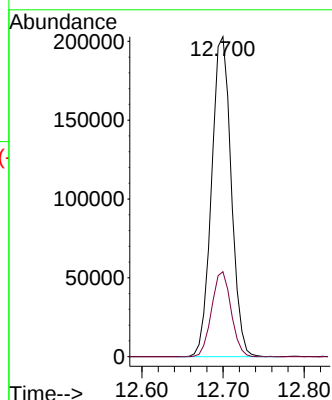
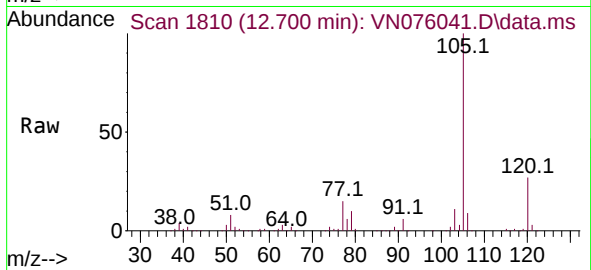
VN1229WBS01

Tgt Ion:105 Resp: 340462

Ion Ratio Lower Upper

105 100

120 26.3 13.4 40.2



#74

N-ethyl acetate

Concen: 19.646 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN076041.D

Acq: 29 Dec 2022 12:07

Tgt Ion: 43 Resp: 90994

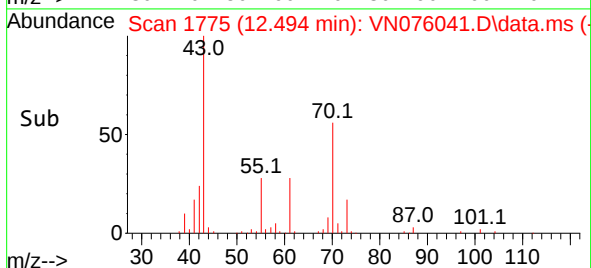
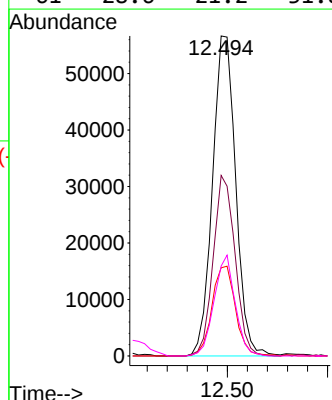
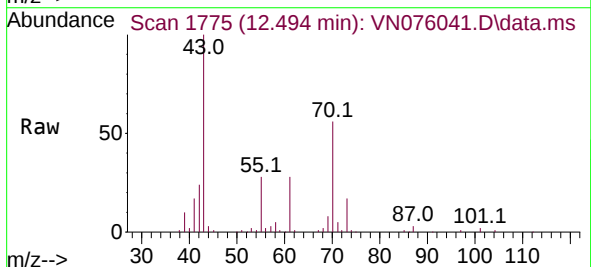
Ion Ratio Lower Upper

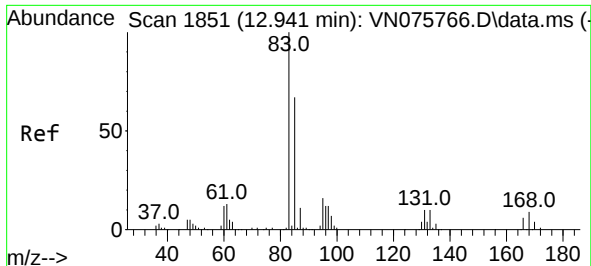
43 100

70 53.2 41.4 62.0

55 28.4 21.3 31.9

61 28.6 21.2 31.8

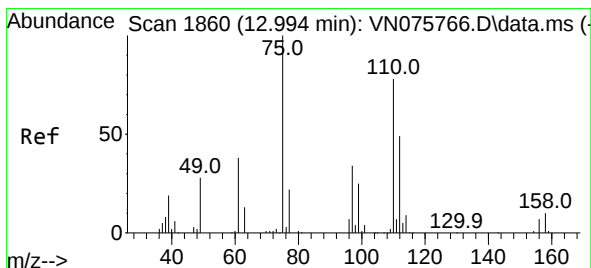
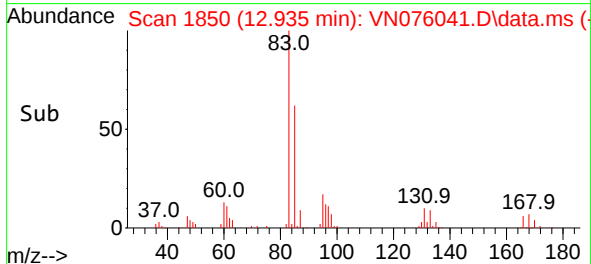
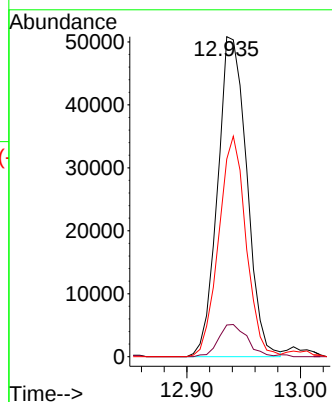
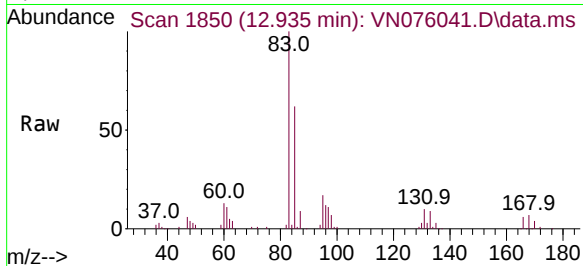




#75  
1,1,2,2-Tetrachloroethane  
Concen: 18.547 ug/l  
RT: 12.935 min Scan# 1850  
Delta R.T. -0.006 min  
Lab File: VN076041.D  
Acq: 29 Dec 2022 12:07

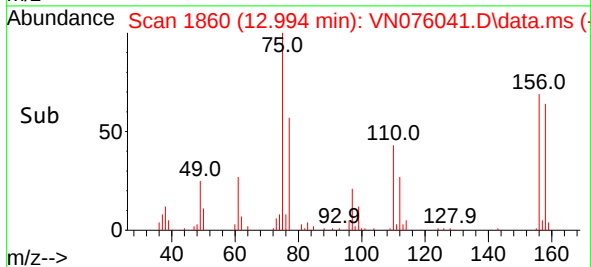
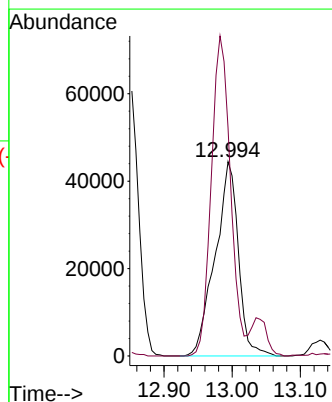
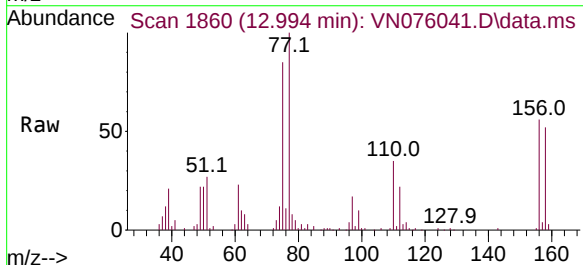
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1229WBS01

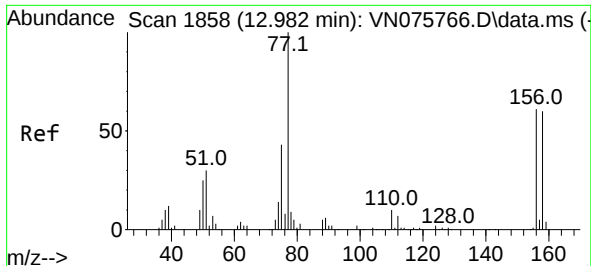
Tgt Ion: 83 Resp: 90523  
Ion Ratio Lower Upper  
83 100  
131 10.1 5.6 16.8  
85 64.6 32.6 98.0



#76  
1,2,3-Trichloropropane  
Concen: 23.938 ug/l  
RT: 12.994 min Scan# 1860  
Delta R.T. -0.000 min  
Lab File: VN076041.D  
Acq: 29 Dec 2022 12:07

Tgt Ion: 75 Resp: 105424  
Ion Ratio Lower Upper  
75 100  
77 135.5 82.6 247.8

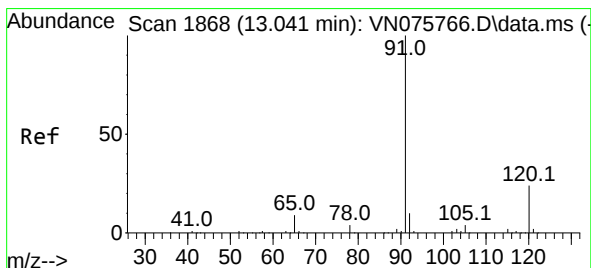
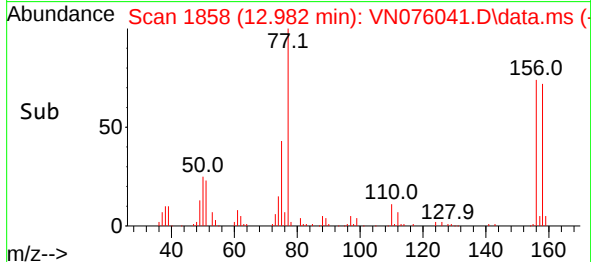
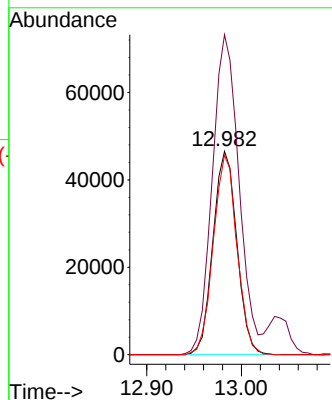
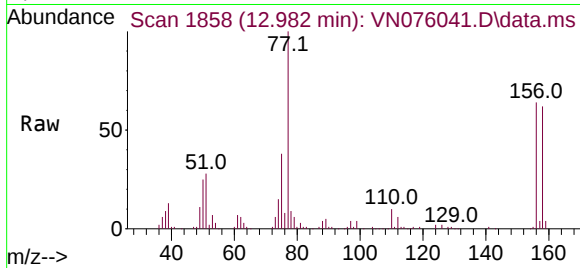




#77  
Bromobenzene  
Concen: 20.407 ug/l  
RT: 12.982 min Scan# 1858  
Delta R.T. -0.000 min  
Lab File: VN076041.D  
Acq: 29 Dec 2022 12:07

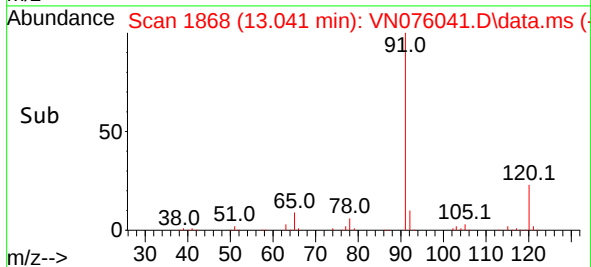
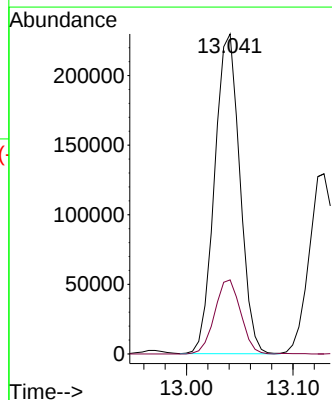
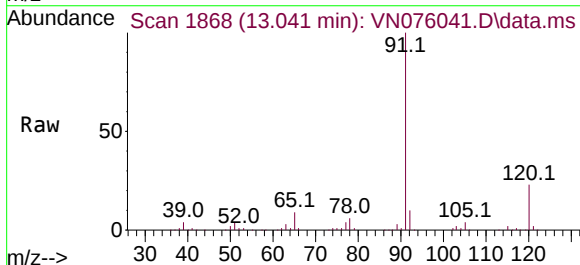
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1229WBS01

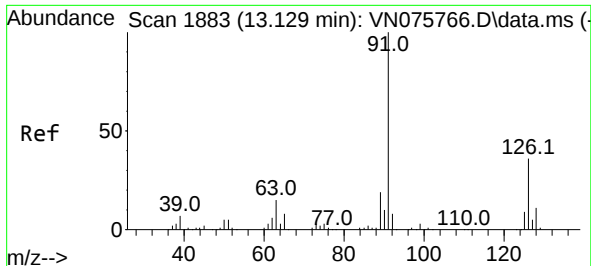
Tgt Ion:156 Resp: 81540  
Ion Ratio Lower Upper  
156 100  
77 175.2 93.8 281.3  
158 97.4 48.9 146.6



#78  
n-propylbenzene  
Concen: 21.668 ug/l  
RT: 13.041 min Scan# 1868  
Delta R.T. -0.000 min  
Lab File: VN076041.D  
Acq: 29 Dec 2022 12:07

Tgt Ion: 91 Resp: 377313  
Ion Ratio Lower Upper  
91 100  
120 23.8 12.0 36.1

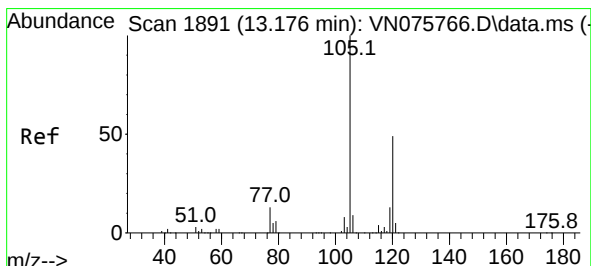
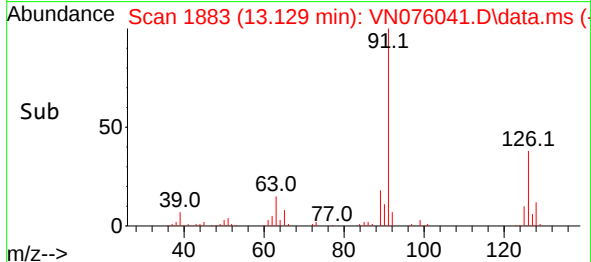
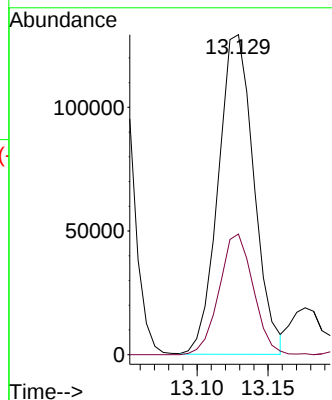
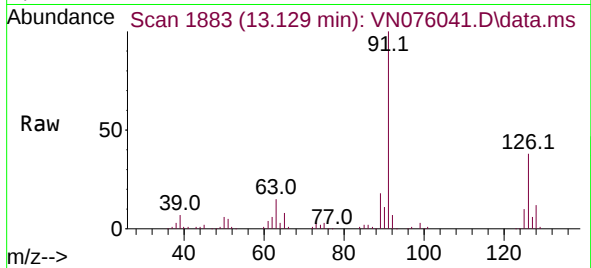




#79  
2-Chlorotoluene  
Concen: 20.799 ug/l  
RT: 13.129 min Scan# 1883  
Delta R.T. -0.000 min  
Lab File: VN076041.D  
Acq: 29 Dec 2022 12:07

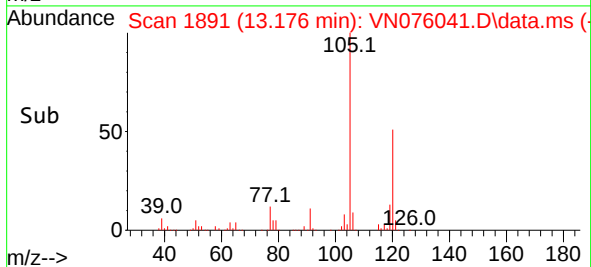
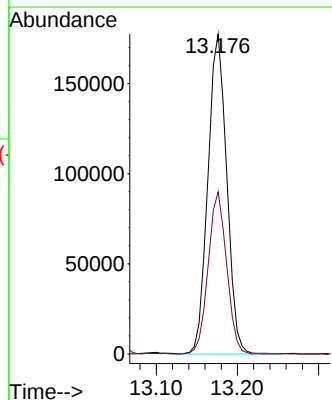
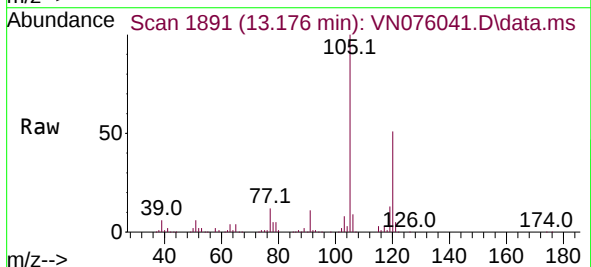
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1229WBS01

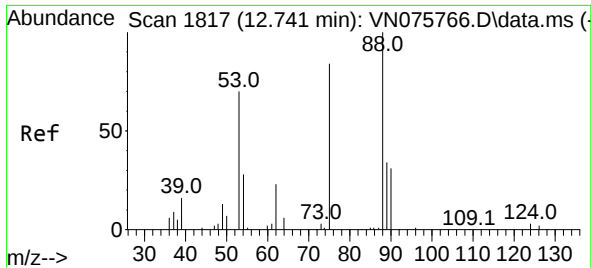
Tgt Ion: 91 Resp: 226080  
Ion Ratio Lower Upper  
91 100  
126 36.1 17.5 52.5



#80  
1,3,5-Trimethylbenzene  
Concen: 21.625 ug/l  
RT: 13.176 min Scan# 1891  
Delta R.T. -0.000 min  
Lab File: VN076041.D  
Acq: 29 Dec 2022 12:07

Tgt Ion: 105 Resp: 285750  
Ion Ratio Lower Upper  
105 100  
120 49.6 24.7 74.1

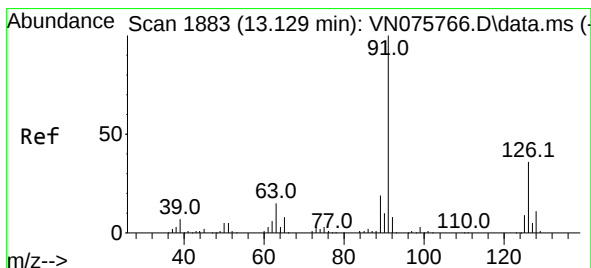
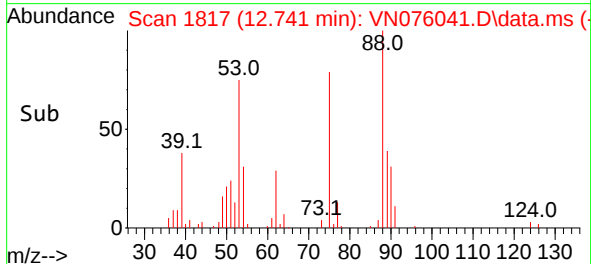
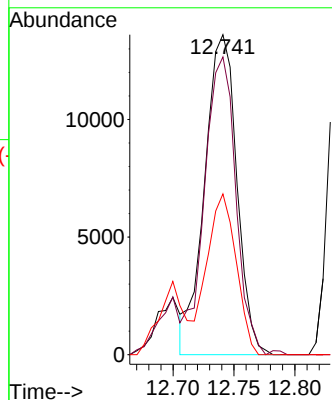
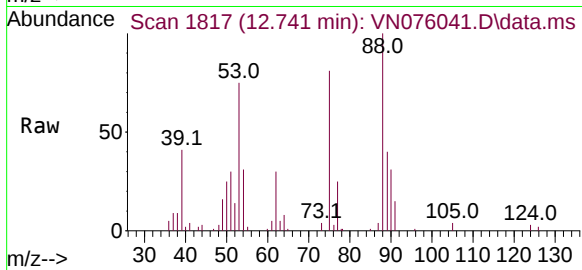




#81  
trans-1,4-Dichloro-2-butene  
Concen: 20.446 ug/l  
RT: 12.741 min Scan# 1817  
Delta R.T. -0.000 min  
Lab File: VN076041.D  
Acq: 29 Dec 2022 12:07

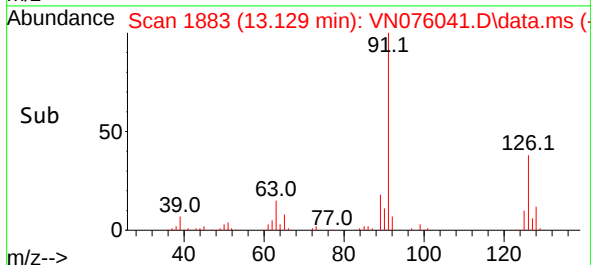
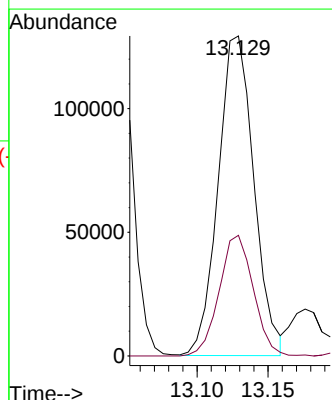
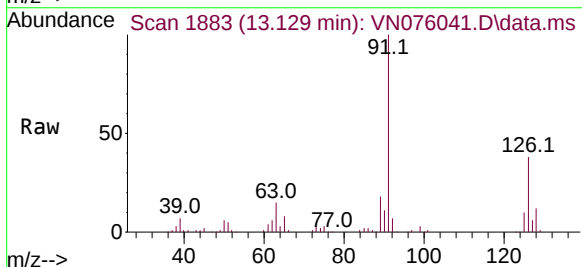
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1229WBS01

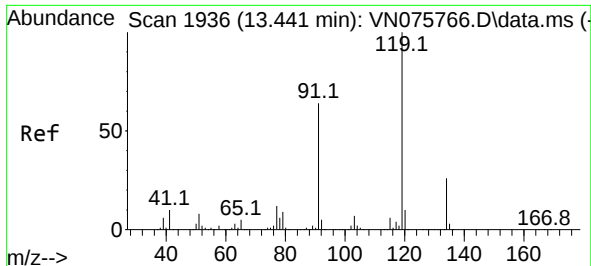
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 25015 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 91.2  | 73.8  | 110.6 |
| 89       | 44.6  | 39.5  | 59.3  |



#82  
4-Chlorotoluene  
Concen: 20.799 ug/l  
RT: 13.129 min Scan# 1883  
Delta R.T. -0.000 min  
Lab File: VN076041.D  
Acq: 29 Dec 2022 12:07

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 226080 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 36.1  | 17.5  | 52.5   |

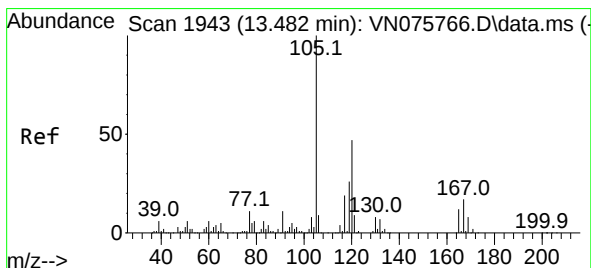
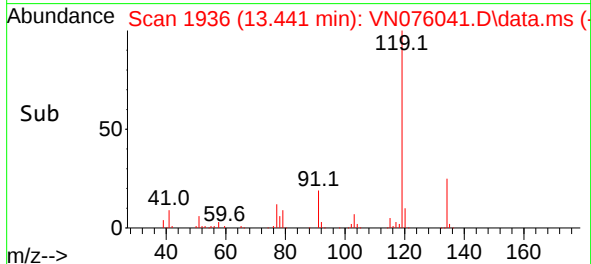
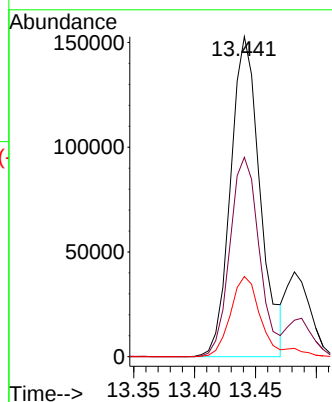
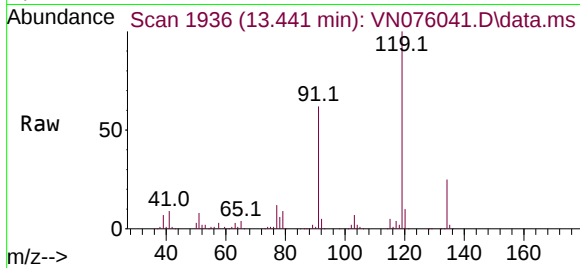




#83  
tert-Butylbenzene  
Concen: 22.094 ug/l  
RT: 13.441 min Scan# 1936  
Delta R.T. -0.000 min  
Lab File: VN076041.D  
Acq: 29 Dec 2022 12:07

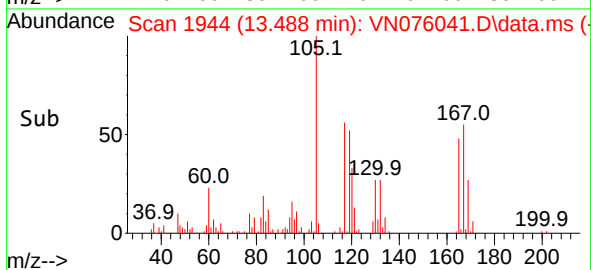
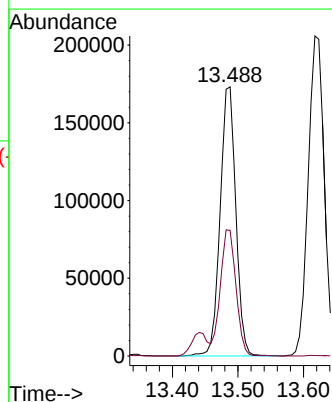
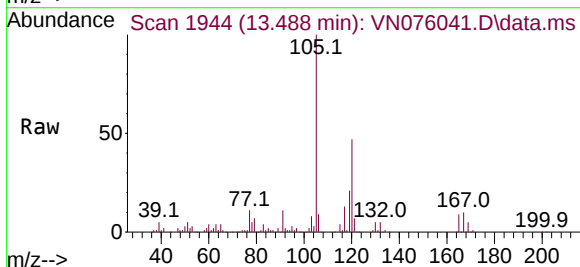
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1229WBS01

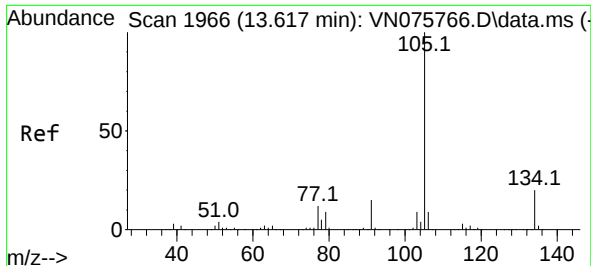
Tgt Ion:119 Resp: 257398  
Ion Ratio Lower Upper  
119 100  
91 62.2 31.9 95.5  
134 26.5 13.8 41.4



#84  
1,2,4-Trimethylbenzene  
Concen: 21.859 ug/l  
RT: 13.488 min Scan# 1944  
Delta R.T. 0.006 min  
Lab File: VN076041.D  
Acq: 29 Dec 2022 12:07

Tgt Ion:105 Resp: 286536  
Ion Ratio Lower Upper  
105 100  
120 46.6 23.3 69.8

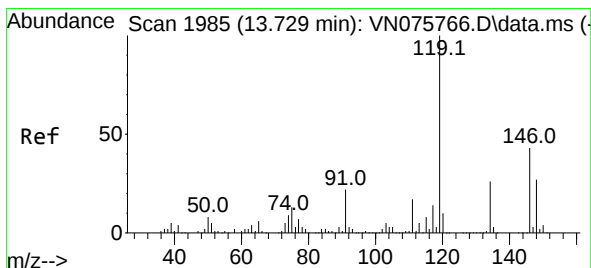
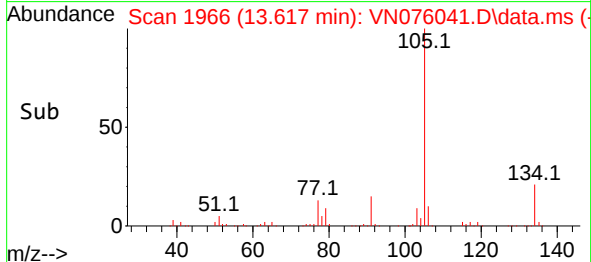
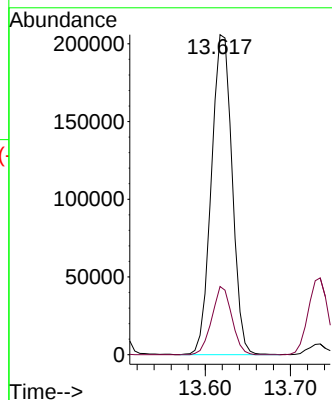
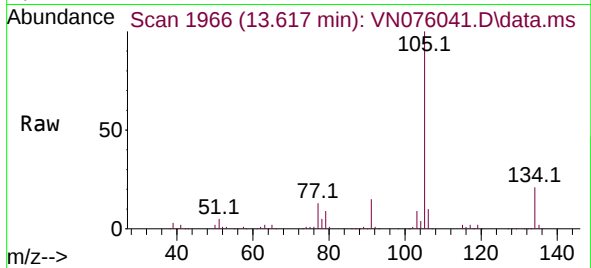




#85  
 sec-Butylbenzene  
 Concen: 21.686 ug/l  
 RT: 13.617 min Scan# 1966  
 Delta R.T. -0.000 min  
 Lab File: VN076041.D  
 Acq: 29 Dec 2022 12:07

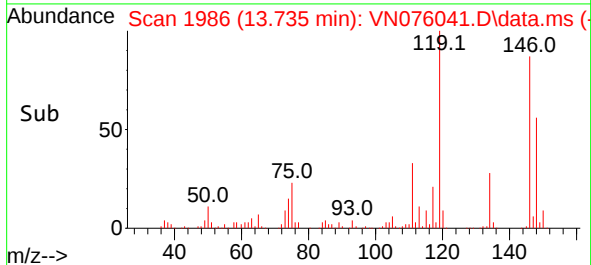
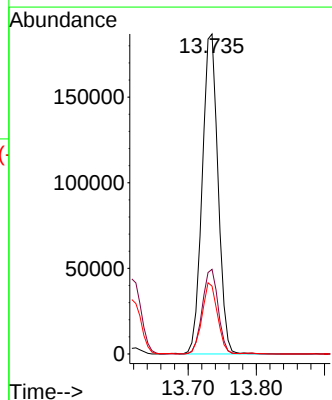
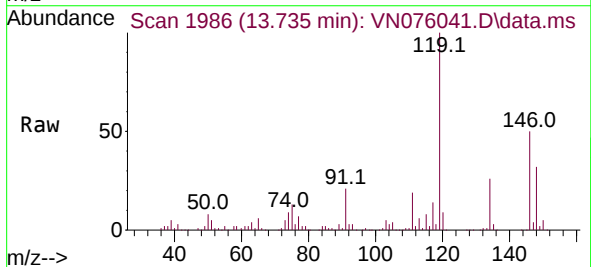
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1229WBS01

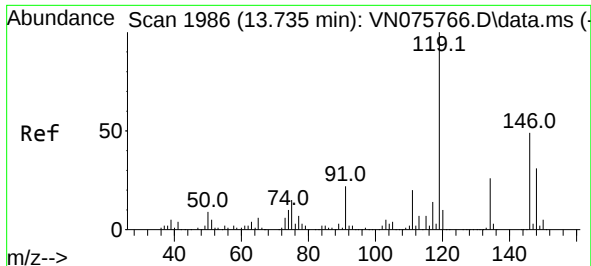
Tgt Ion:105 Resp: 348715  
 Ion Ratio Lower Upper  
 105 100  
 134 20.5 10.1 30.1



#86  
 p-Isopropyltoluene  
 Concen: 22.468 ug/l  
 RT: 13.735 min Scan# 1986  
 Delta R.T. 0.006 min  
 Lab File: VN076041.D  
 Acq: 29 Dec 2022 12:07

Tgt Ion:119 Resp: 300623  
 Ion Ratio Lower Upper  
 119 100  
 134 26.6 13.0 39.0  
 91 21.7 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 20.187 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. -0.000 min

Lab File: VN076041.D

Acq: 29 Dec 2022 12:07

Instrument :

MSVOA\_N

ClientSampleId :

VN1229WBS01

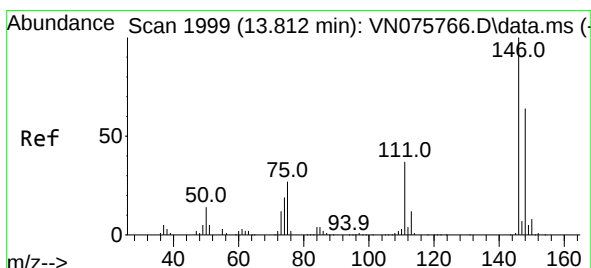
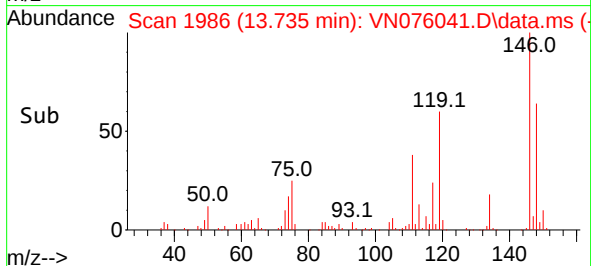
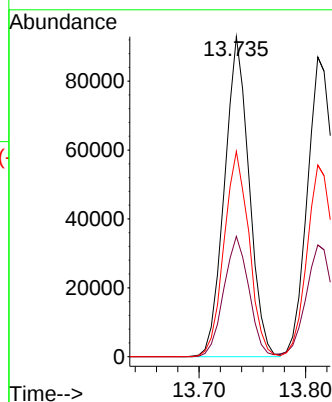
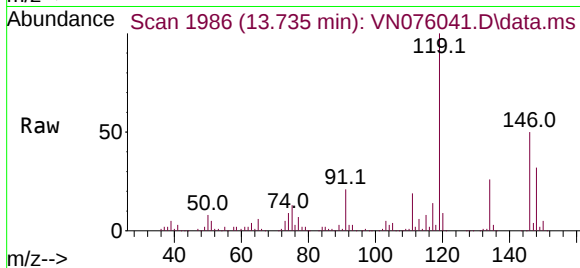
Tgt Ion:146 Resp: 148995

Ion Ratio Lower Upper

146 100

111 38.2 19.7 59.0

148 65.2 31.4 94.2



#88

1,4-Dichlorobenzene

Concen: 19.810 ug/l

RT: 13.811 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN076041.D

Acq: 29 Dec 2022 12:07

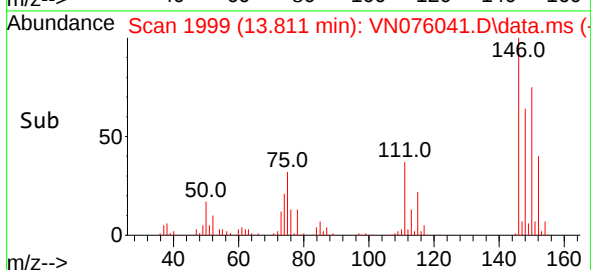
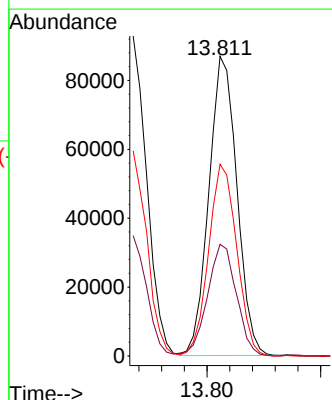
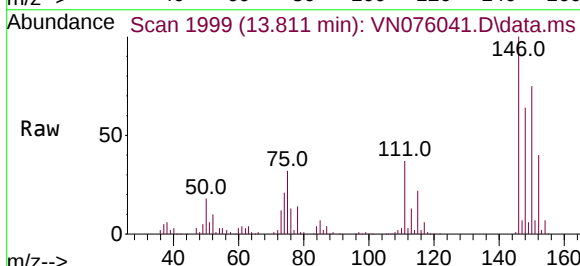
Tgt Ion:146 Resp: 149363

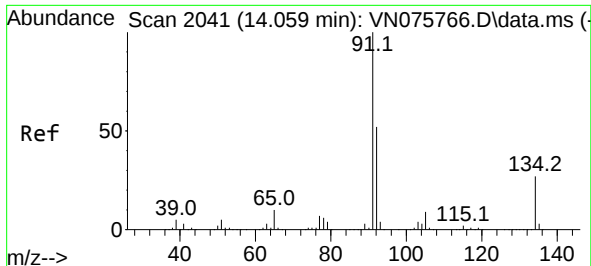
Ion Ratio Lower Upper

146 100

111 38.5 19.1 57.1

148 64.2 32.0 96.2





#89

n-Butylbenzene

Concen: 21.209 ug/l

RT: 14.058 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN076041.D

Acq: 29 Dec 2022 12:07

Instrument :

MSVOA\_N

ClientSampleId :

VN1229WBS01

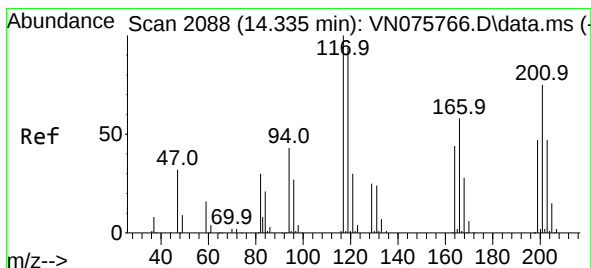
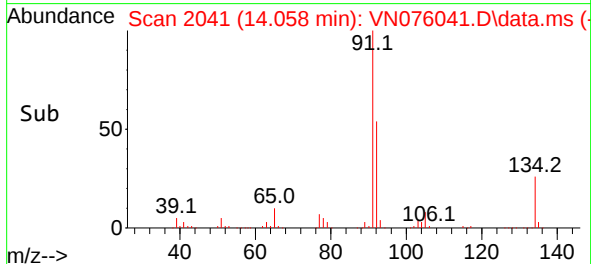
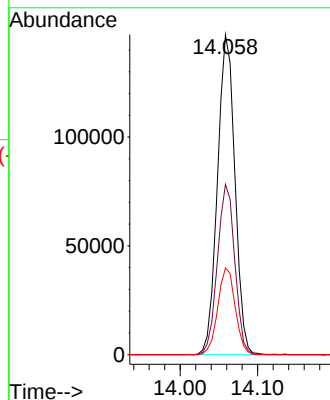
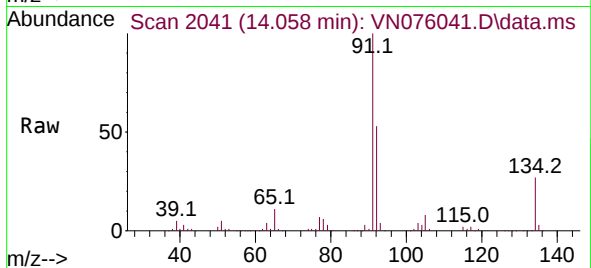
Tgt Ion: 91 Resp: 229902

Ion Ratio Lower Upper

91 100

92 52.9 26.4 79.2

134 27.1 13.4 40.2



#90

Hexachloroethane

Concen: 20.384 ug/l

RT: 14.335 min Scan# 2088

Delta R.T. -0.000 min

Lab File: VN076041.D

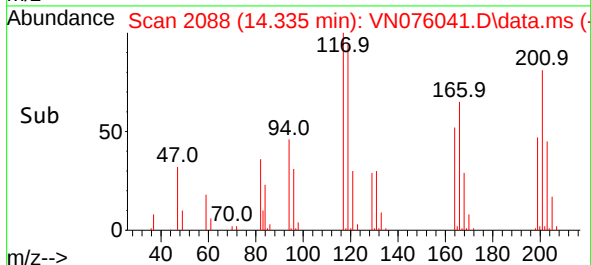
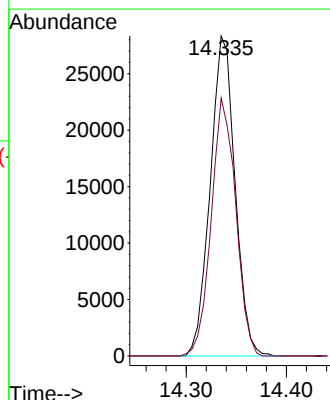
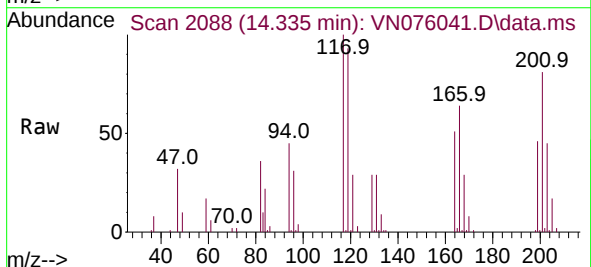
Acq: 29 Dec 2022 12:07

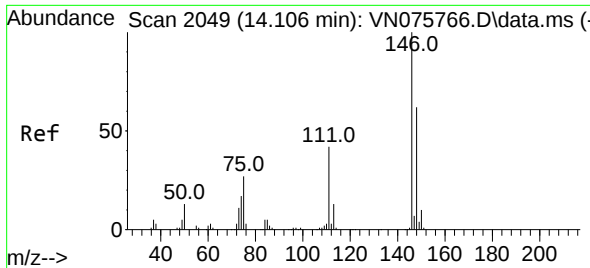
Tgt Ion: 117 Resp: 48787

Ion Ratio Lower Upper

117 100

201 79.4 38.0 114.1





#91

1,2-Dichlorobenzene

Concen: 20.552 ug/l

RT: 14.105 min Scan# 2049

Delta R.T. -0.000 min

Lab File: VN076041.D

Acq: 29 Dec 2022 12:07

Instrument :

MSVOA\_N

ClientSampleId :

VN1229WBS01

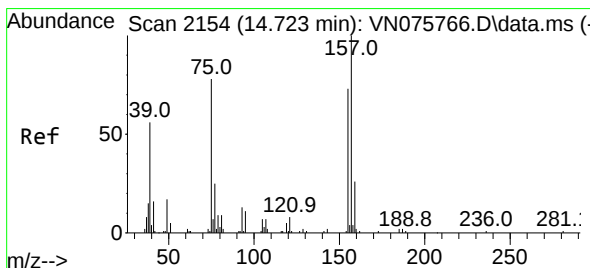
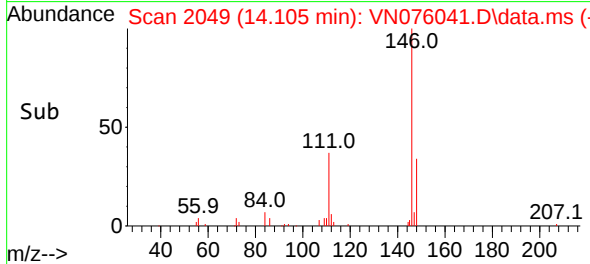
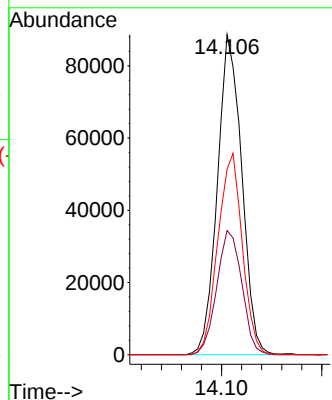
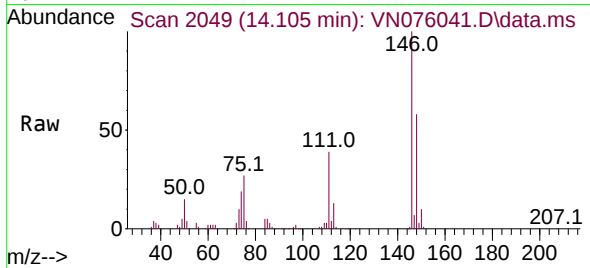
Tgt Ion:146 Resp: 149413

Ion Ratio Lower Upper

146 100

111 39.9 20.3 61.0

148 63.2 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.124 ug/l

RT: 14.723 min Scan# 2154

Delta R.T. -0.000 min

Lab File: VN076041.D

Acq: 29 Dec 2022 12:07

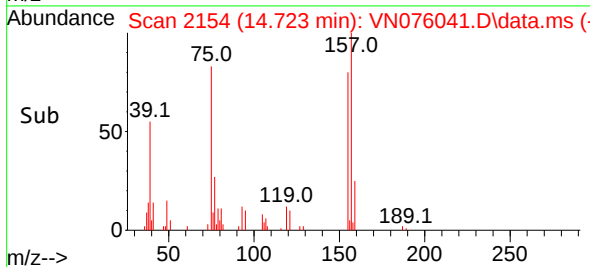
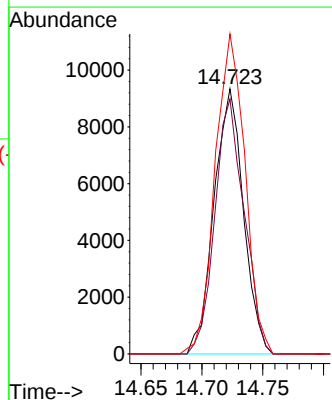
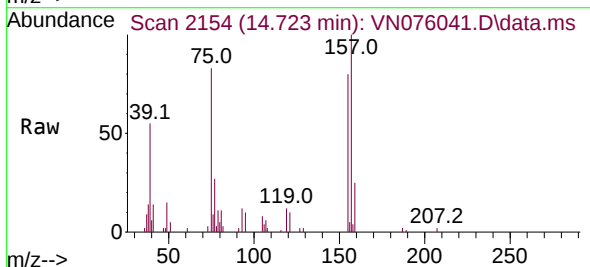
Tgt Ion: 75 Resp: 15696

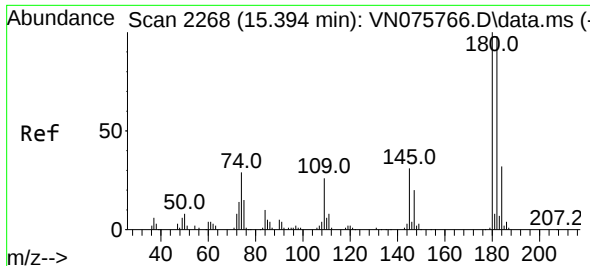
Ion Ratio Lower Upper

75 100

155 95.9 49.3 147.8

157 122.5 63.7 191.3

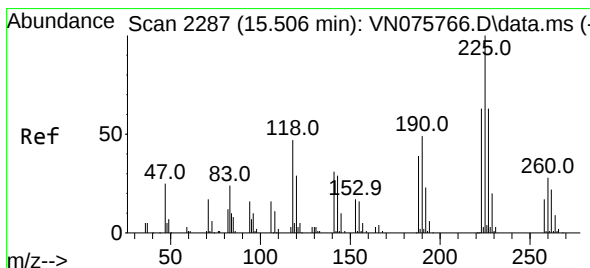
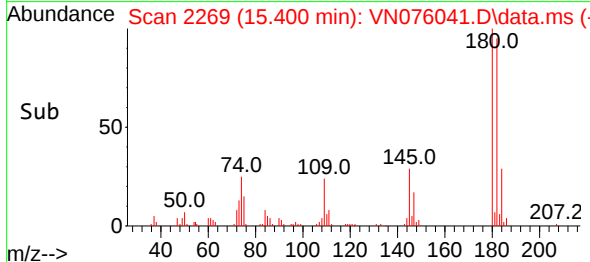
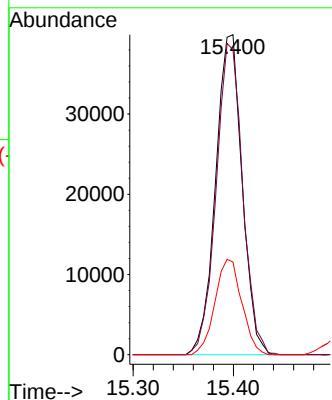
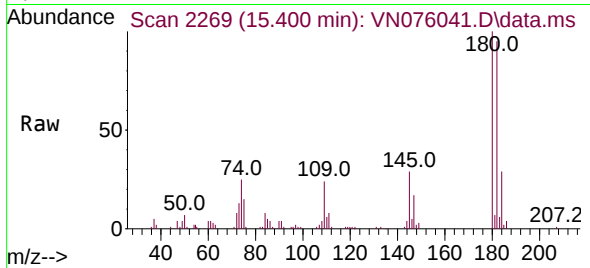




#93  
 1,2,4-Trichlorobenzene  
 Concen: 20.326 ug/l  
 RT: 15.400 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: VN076041.D  
 Acq: 29 Dec 2022 12:07

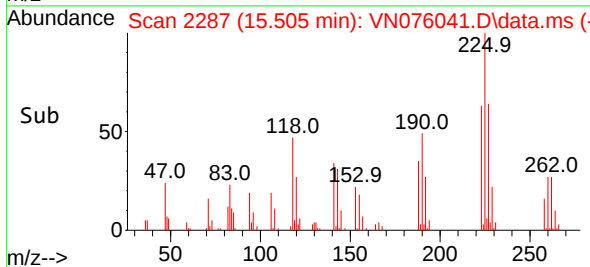
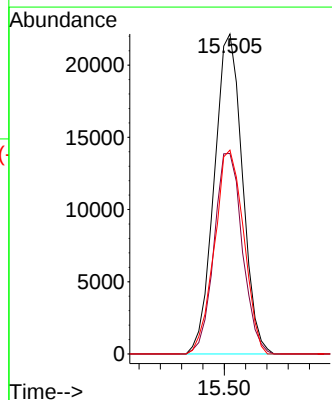
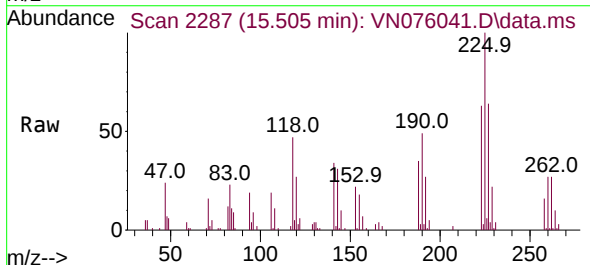
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1229WBS01

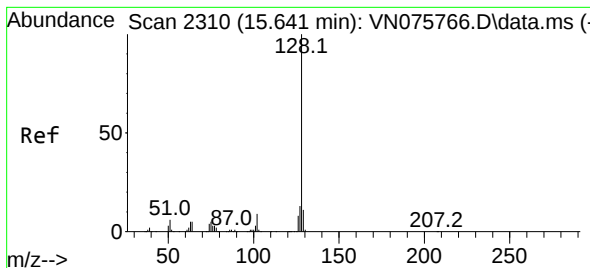
Tgt Ion:180 Resp: 73157  
 Ion Ratio Lower Upper  
 180 100  
 182 97.4 47.5 142.5  
 145 30.1 15.3 45.8



#94  
 Hexachlorobutadiene  
 Concen: 20.699 ug/l  
 RT: 15.505 min Scan# 2287  
 Delta R.T. -0.000 min  
 Lab File: VN076041.D  
 Acq: 29 Dec 2022 12:07

Tgt Ion:225 Resp: 40645  
 Ion Ratio Lower Upper  
 225 100  
 223 63.0 31.5 94.5  
 227 66.1 31.6 95.0





#95

Naphthalene

Concen: 18.060 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN076041.D

Acq: 29 Dec 2022 12:07

Instrument :

MSVOA\_N

ClientSampleId :

VN1229WBS01

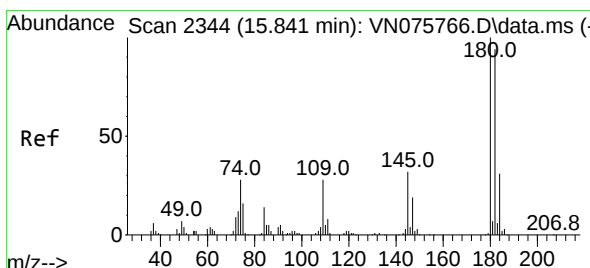
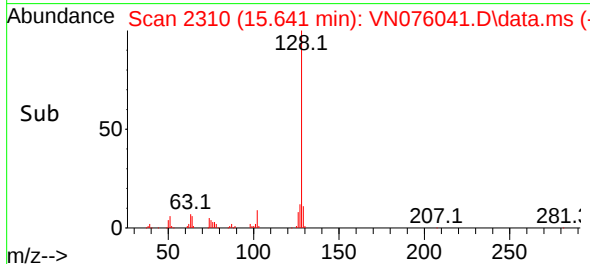
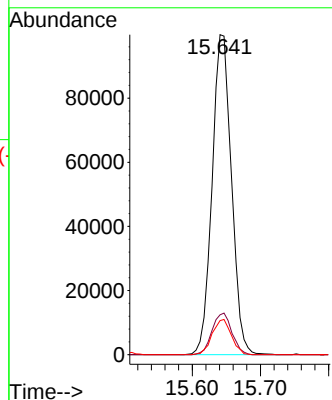
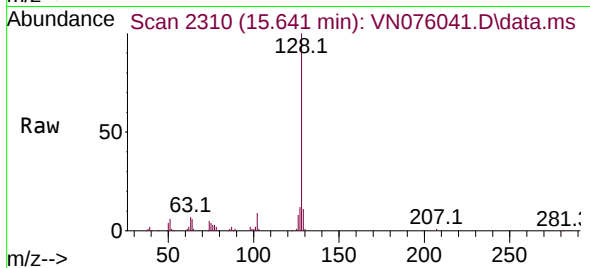
Tgt Ion:128 Resp: 197442

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 21.118 ug/l

RT: 15.847 min Scan# 2345

Delta R.T. 0.006 min

Lab File: VN076041.D

Acq: 29 Dec 2022 12:07

Tgt Ion:180 Resp: 71040

Ion Ratio Lower Upper

180 100

182 92.5 47.0 141.0

145 30.1 16.0 47.9

