

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN022725\  
 Data File : VN085884.D  
 Acq On : 27 Feb 2025 12:51  
 Operator : JC\MD  
 Sample : VN0227WBSD01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0227WBSD01

Quant Time: Feb 28 01:57:59 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021825W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 19 03:43:32 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.224  | 168  | 230188   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.100  | 114  | 375362   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 334047   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.788 | 152  | 171814   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.577  | 65    | 124346   | 41.667   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 83.340% |
| 35) Dibromofluoromethane    | 8.165  | 113   | 107802   | 43.890   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 87.780% |
| 50) Toluene-d8              | 10.565 | 98    | 392601   | 43.933   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 87.860% |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 138580   | 47.067   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =    | 94.140% |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.124 | 85  | 62015  | 19.807  | ug/l   | 99  |
| 3) Chloromethane             | 2.359 | 50  | 59706  | 19.004  | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.512 | 62  | 63702  | 19.149  | ug/l   | 98  |
| 5) Bromomethane              | 2.953 | 94  | 39465  | 18.554  | ug/l   | 90  |
| 6) Chloroethane              | 3.118 | 64  | 39693  | 18.014  | ug/l   | 91  |
| 7) Trichlorofluoromethane    | 3.495 | 101 | 95091  | 19.743  | ug/l   | 97  |
| 8) Diethyl Ether             | 3.959 | 74  | 34831  | 22.351  | ug/l   | 98  |
| 9) 1,1,2-Trichlorotrifluo... | 4.371 | 101 | 57781  | 20.754  | ug/l   | 99  |
| 10) Methyl Iodide            | 4.583 | 142 | 68557  | 19.977  | ug/l   | 99  |
| 11) Tert butyl alcohol       | 5.518 | 59  | 52775  | 143.782 | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 4.342 | 96  | 49709  | 19.692  | ug/l   | 96  |
| 13) Acrolein                 | 4.177 | 56  | 54221  | 99.614  | ug/l   | 98  |
| 14) Allyl chloride           | 5.018 | 41  | 65369  | 19.724  | ug/l   | 92  |
| 15) Acrylonitrile            | 5.718 | 53  | 154455 | 129.441 | ug/l   | 98  |
| 16) Acetone                  | 4.424 | 43  | 114966 | 121.749 | ug/l   | 97  |
| 17) Carbon Disulfide         | 4.712 | 76  | 130479 | 17.441  | ug/l   | 100 |
| 18) Methyl Acetate           | 5.024 | 43  | 83502  | 25.710  | ug/l   | 99  |
| 19) Methyl tert-butyl Ether  | 5.794 | 73  | 167324 | 22.306  | ug/l   | 98  |
| 20) Methylene Chloride       | 5.277 | 84  | 62792  | 20.678  | ug/l   | 100 |
| 21) trans-1,2-Dichloroethene | 5.783 | 96  | 52621  | 19.359  | ug/l   | 93  |
| 22) Diisopropyl ether        | 6.671 | 45  | 166737 | 22.265  | ug/l   | 99  |
| 23) Vinyl Acetate            | 6.600 | 43  | 544005 | 106.092 | ug/l   | 98  |
| 24) 1,1-Dichloroethane       | 6.571 | 63  | 105797 | 20.782  | ug/l   | 98  |
| 25) 2-Butanone               | 7.483 | 43  | 179301 | 129.066 | ug/l   | 96  |
| 26) 2,2-Dichloropropane      | 7.488 | 77  | 91545  | 20.223  | ug/l   | 100 |
| 27) cis-1,2-Dichloroethene   | 7.488 | 96  | 64516  | 20.471  | ug/l   | 100 |
| 28) Bromochloromethane       | 7.812 | 49  | 42841  | 20.475  | ug/l   | 98  |
| 29) Tetrahydrofuran          | 7.841 | 42  | 117264 | 130.717 | ug/l   | 96  |
| 30) Chloroform               | 7.959 | 83  | 111774 | 21.010  | ug/l   | 99  |
| 31) Cyclohexane              | 8.253 | 56  | 75399  | 17.689  | ug/l   | 95  |
| 32) 1,1,1-Trichloroethane    | 8.165 | 97  | 94985  | 20.073  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 8.371 | 75  | 71060  | 20.442  | ug/l   | 98  |
| 37) Ethyl Acetate            | 7.559 | 43  | 72606  | 25.381  | ug/l   | 99  |
| 38) Carbon Tetrachloride     | 8.365 | 117 | 87061  | 21.078  | ug/l   | 99  |
| 39) Methylcyclohexane        | 9.600 | 83  | 63606  | 18.626  | ug/l   | 97  |
| 40) Benzene                  | 8.606 | 78  | 239019 | 21.453  | ug/l   | 99  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN022725\  
 Data File : VN085884.D  
 Acq On : 27 Feb 2025 12:51  
 Operator : JC\MD  
 Sample : VN0227WBSD01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0227WBSD01

Quant Time: Feb 28 01:57:59 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021825W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 19 03:43:32 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.783  | 41   | 37911    | 24.790  | ug/l   | 95       |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 75573    | 20.825  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.683  | 43   | 117411   | 23.093  | ug/l   | 99       |
| 44) Trichloroethene           | 9.353  | 130  | 53987    | 19.735  | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 9.618  | 63   | 59147    | 21.993  | ug/l   | 100      |
| 46) Dibromomethane            | 9.706  | 93   | 42101    | 22.194  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.888  | 83   | 89090    | 21.952  | ug/l   | 94       |
| 48) Methyl methacrylate       | 9.677  | 41   | 50389    | 23.718  | ug/l   | 95       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 26249    | 649.723 | ug/l   | 100      |
| 51) 4-Methyl-2-Pentanone      | 10.441 | 43   | 373829   | 135.539 | ug/l   | 98       |
| 52) Toluene                   | 10.629 | 92   | 146844   | 22.484  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 83747    | 22.316  | ug/l   | 95       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 92556    | 22.491  | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 60167    | 23.171  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.871 | 69   | 83526    | 24.021  | ug/l   | 94       |
| 57) 1,3-Dichloropropane       | 11.159 | 76   | 99189    | 22.883  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 156954   | 125.168 | ug/l   | 98       |
| 59) 2-Hexanone                | 11.194 | 43   | 269806   | 142.197 | ug/l   | 97       |
| 60) Dibromochloromethane      | 11.359 | 129  | 71996    | 23.811  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 58510    | 23.848  | ug/l   | 100      |
| 64) Tetrachloroethene         | 11.100 | 164  | 51698    | 19.977  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.888 | 112  | 161865   | 21.152  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 60800    | 22.104  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.965 | 91   | 252524   | 21.066  | ug/l   | 99       |
| 68) m/p-Xylenes               | 12.071 | 106  | 205037   | 45.030  | ug/l   | 99       |
| 69) o-Xylene                  | 12.394 | 106  | 95435    | 22.056  | ug/l   | 99       |
| 70) Styrene                   | 12.412 | 104  | 167610   | 22.298  | ug/l   | 100      |
| 71) Bromoform                 | 12.576 | 173  | 50566    | 24.741  | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.694 | 105  | 233557   | 19.842  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.494 | 43   | 91979    | 22.159  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 91325    | 22.547  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 112868   | 29.573  | ug/l   | 52       |
| 77) Bromobenzene              | 12.976 | 156  | 65002    | 20.440  | ug/l   | 93       |
| 78) n-propylbenzene           | 13.035 | 91   | 281914   | 20.913  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 183470   | 20.370  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 13.170 | 105  | 207931   | 21.685  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 32874    | 25.132  | ug/l   | 89       |
| 82) 4-Chlorotoluene           | 13.218 | 91   | 188247   | 21.083  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.435 | 119  | 160596   | 19.917  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 206876   | 21.807  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.618 | 105  | 231402   | 20.312  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 193157   | 19.816  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 121843   | 20.450  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 124808   | 20.438  | ug/l   | 99       |
| 89) n-Butylbenzene            | 14.053 | 91   | 149026   | 18.425  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.335 | 117  | 42150    | 19.536  | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 118607   | 20.701  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.717 | 75   | 16811    | 22.602  | ug/l   | 94       |
| 93) 1,2,4-Trichlorobenzene    | 15.388 | 180  | 53352    | 19.542  | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 30618    | 18.453  | ug/l   | 98       |
| 95) Naphthalene               | 15.641 | 128  | 153248   | 20.446  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 54499    | 19.884  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN022725\  
Data File : VN085884.D  
Acq On : 27 Feb 2025 12:51  
Operator : JC\MD  
Sample : VN0227WBSD01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 7 Sample Multiplier: 1

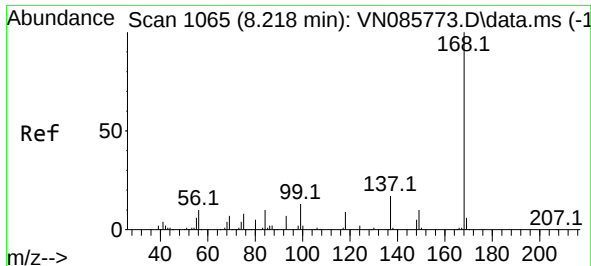
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBSD01

Quant Time: Feb 28 01:57:59 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021825W.M  
Quant Title : SW846 8260  
QLast Update : Wed Feb 19 03:43:32 2025  
Response via : Initial Calibration

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

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

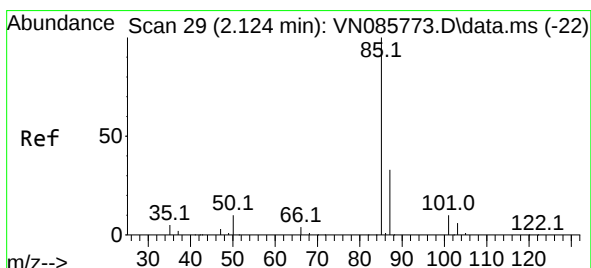
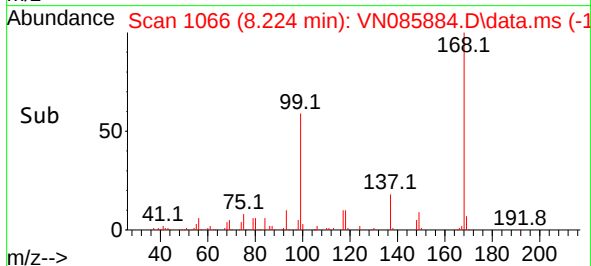
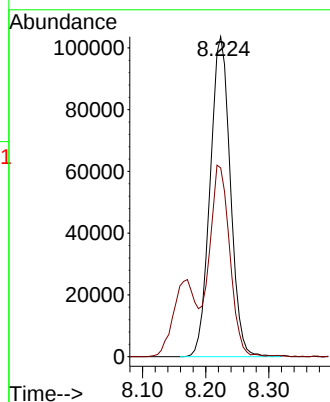
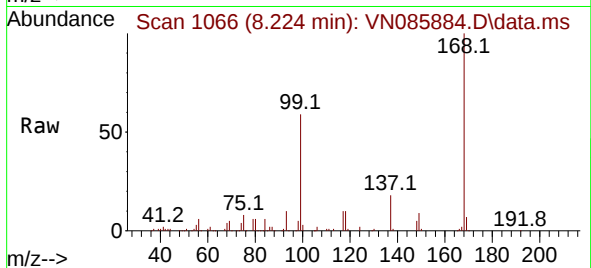




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. 0.006 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

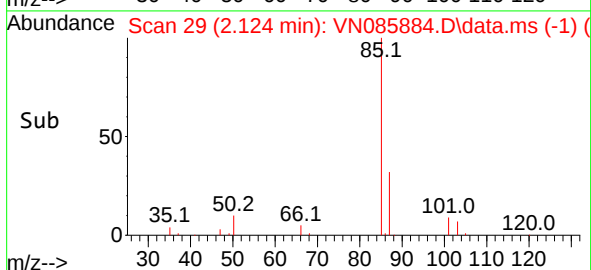
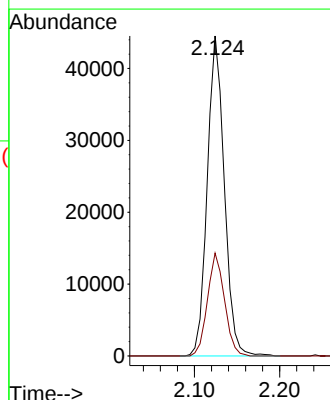
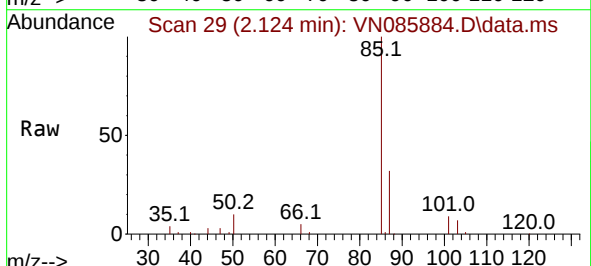
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBSD01

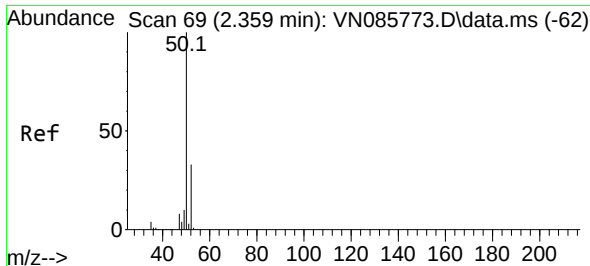
Tgt Ion:168 Resp: 230188  
Ion Ratio Lower Upper  
168 100  
99 58.7 47.9 71.9



#2  
Dichlorodifluoromethane  
Concen: 19.807 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. 0.000 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

Tgt Ion: 85 Resp: 62015  
Ion Ratio Lower Upper  
85 100  
87 32.2 16.4 49.2

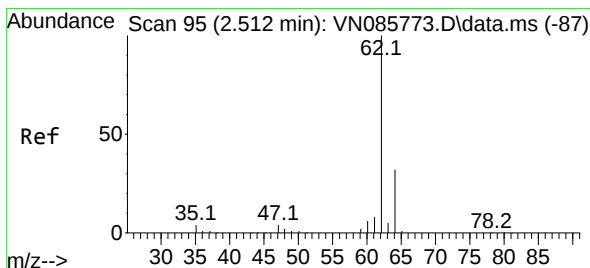
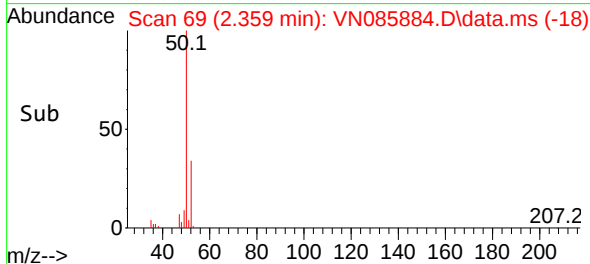
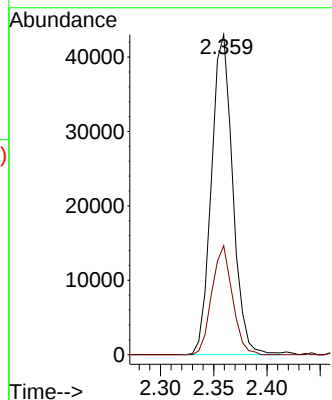
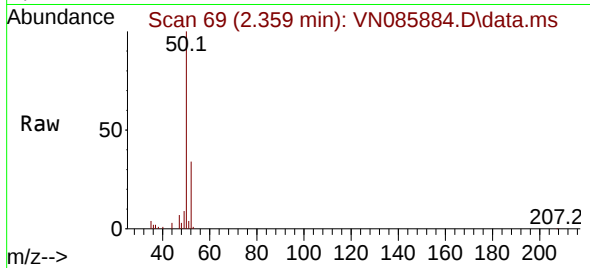




#3  
Chloromethane  
Concen: 19.004 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. 0.000 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

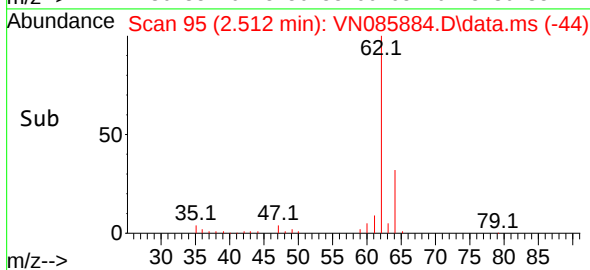
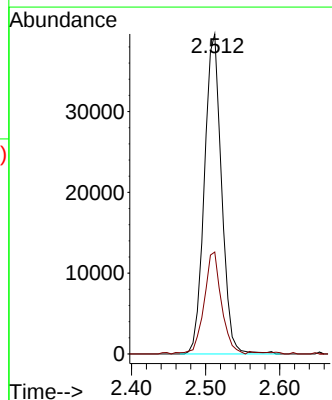
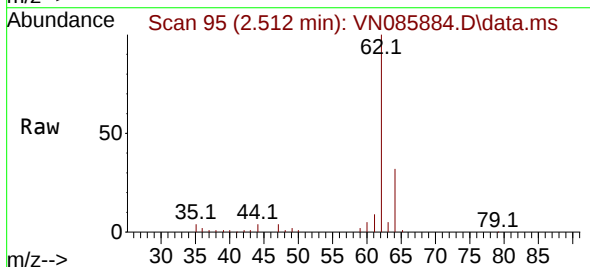
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBSD01

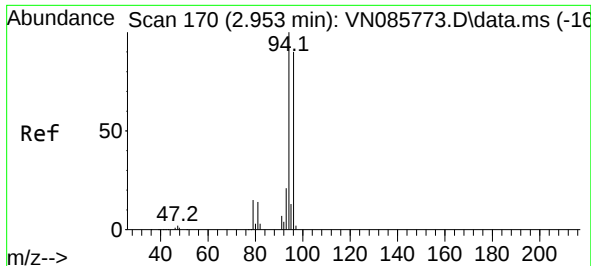
Tgt Ion: 50 Resp: 59706  
Ion Ratio Lower Upper  
50 100  
52 34.0 26.7 40.1



#4  
Vinyl Chloride  
Concen: 19.149 ug/l  
RT: 2.512 min Scan# 95  
Delta R.T. 0.000 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

Tgt Ion: 62 Resp: 63702  
Ion Ratio Lower Upper  
62 100  
64 31.5 25.9 38.9

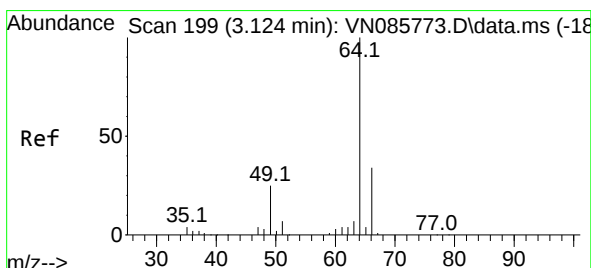
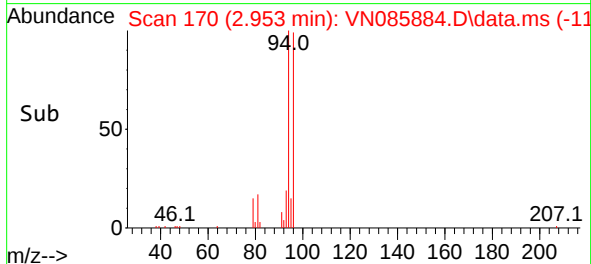
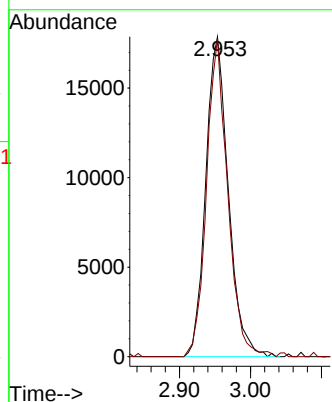
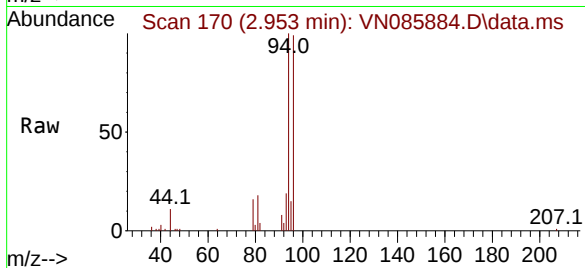




#5  
Bromomethane  
Concen: 18.554 ug/l  
RT: 2.953 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

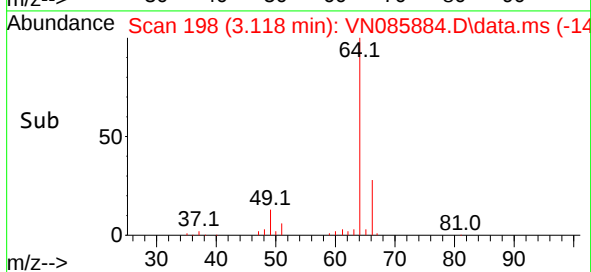
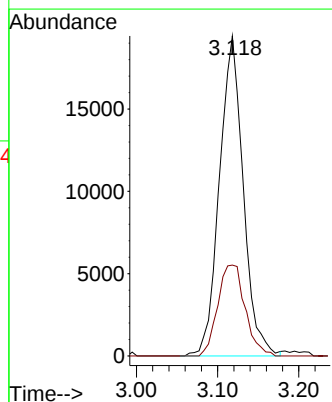
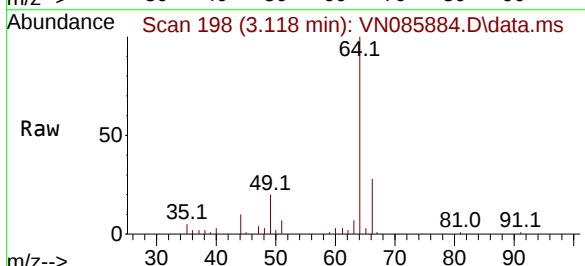
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBSD01

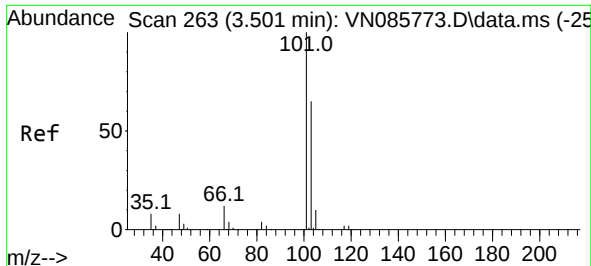
Tgt Ion: 94 Resp: 39465  
Ion Ratio Lower Upper  
94 100  
96 99.4 71.7 107.5



#6  
Chloroethane  
Concen: 18.014 ug/l  
RT: 3.118 min Scan# 198  
Delta R.T. -0.006 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

Tgt Ion: 64 Resp: 39693  
Ion Ratio Lower Upper  
64 100  
66 28.4 27.0 40.6

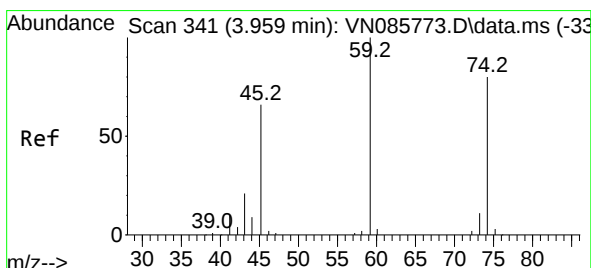
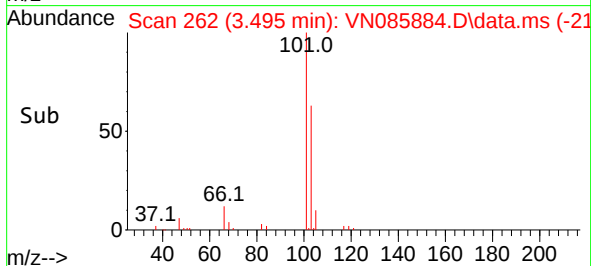
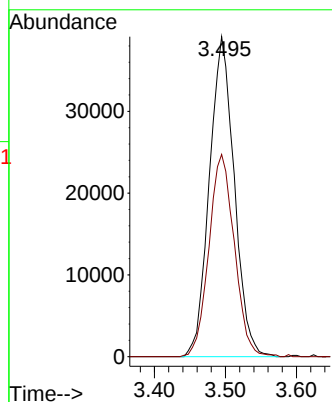
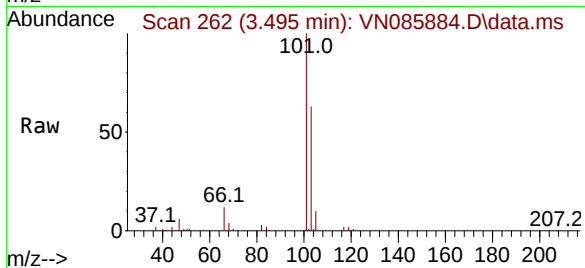




#7  
Trichlorofluoromethane  
Concen: 19.743 ug/l  
RT: 3.495 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

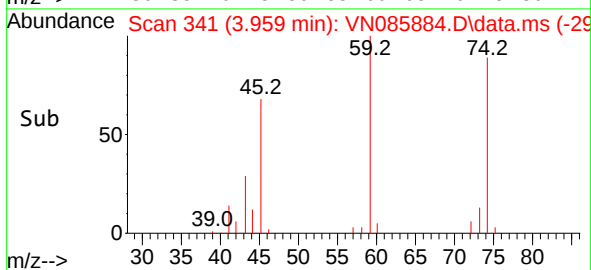
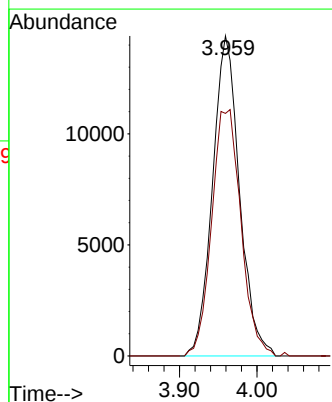
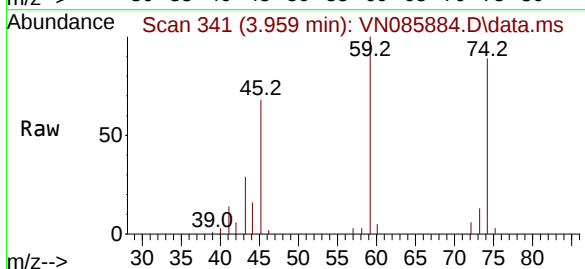
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBSD01

Tgt Ion:101 Resp: 95091  
Ion Ratio Lower Upper  
101 100  
103 63.2 52.2 78.4



#8  
Diethyl Ether  
Concen: 22.351 ug/l  
RT: 3.959 min Scan# 341  
Delta R.T. 0.000 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

Tgt Ion: 74 Resp: 34831  
Ion Ratio Lower Upper  
74 100  
45 83.7 42.5 127.6

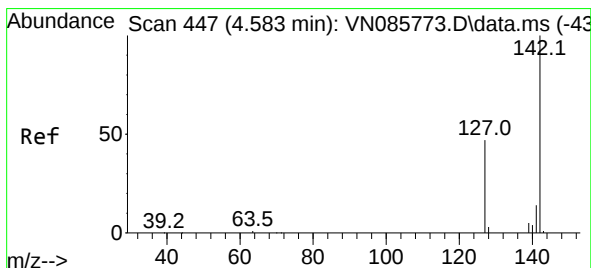
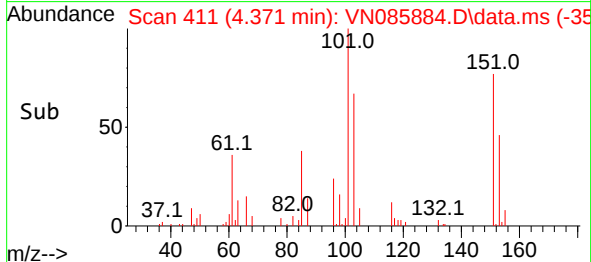
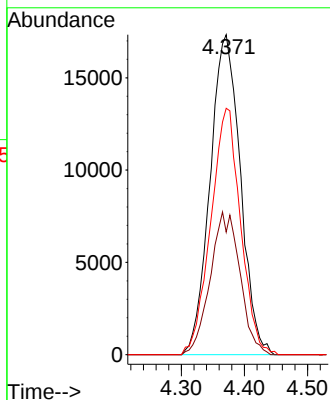
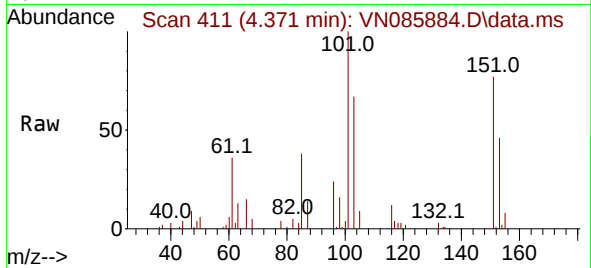




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.754 ug/l  
RT: 4.371 min Scan# 411  
Delta R.T. 0.006 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

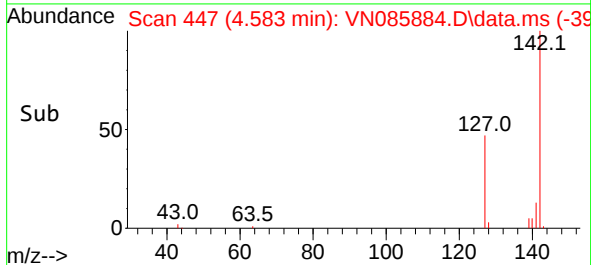
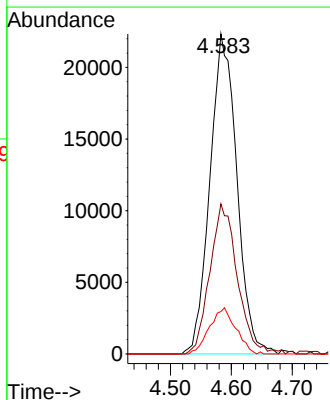
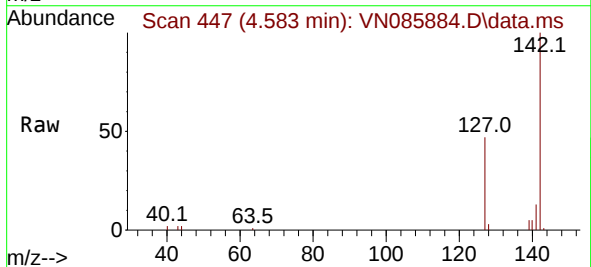
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBSD01

Tgt Ion:101 Resp: 57781  
Ion Ratio Lower Upper  
101 100  
85 43.7 35.7 53.5  
151 75.8 61.4 92.2



#10  
Methyl Iodide  
Concen: 19.977 ug/l  
RT: 4.583 min Scan# 447  
Delta R.T. 0.000 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

Tgt Ion:142 Resp: 68557  
Ion Ratio Lower Upper  
142 100  
127 46.9 37.6 56.4  
141 13.3 11.4 17.2

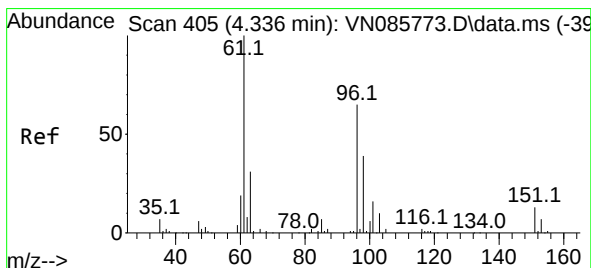
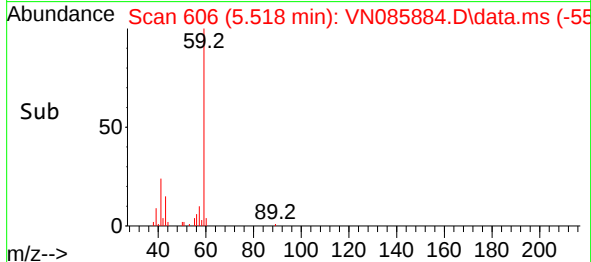
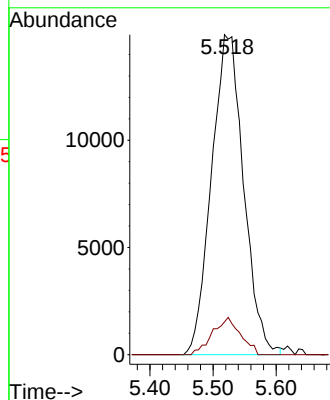
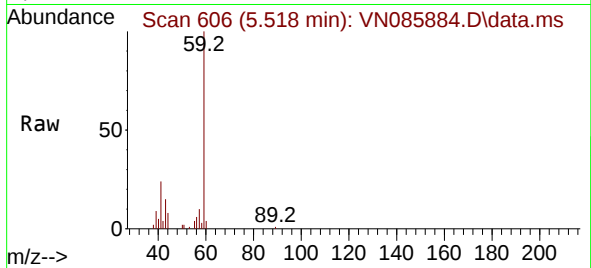




#11  
Tert butyl alcohol  
Concen: 143.782 ug/l  
RT: 5.518 min Scan# 604  
Delta R.T. 0.012 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

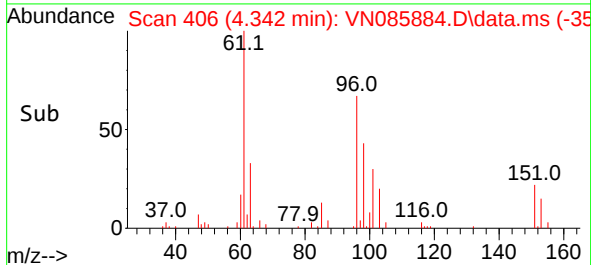
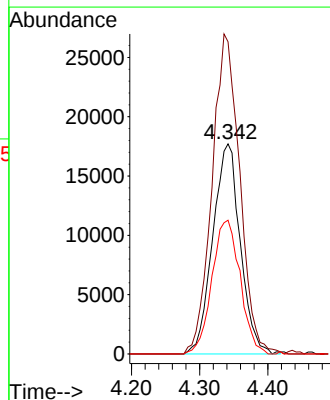
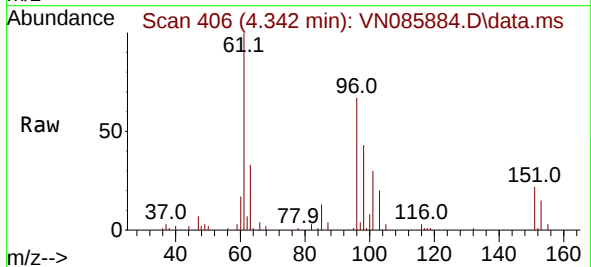
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBSD01

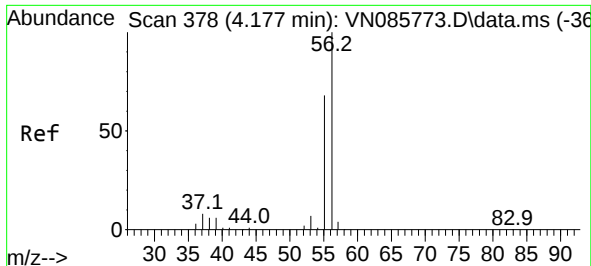
Tgt Ion: 59 Resp: 52775  
Ion Ratio Lower Upper  
59 100  
57 10.1 8.3 12.5



#12  
1,1-Dichloroethene  
Concen: 19.692 ug/l  
RT: 4.342 min Scan# 406  
Delta R.T. 0.006 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

Tgt Ion: 96 Resp: 49709  
Ion Ratio Lower Upper  
96 100  
61 148.7 123.3 184.9  
98 63.7 48.6 72.8

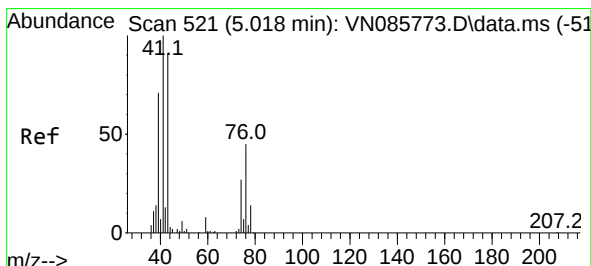
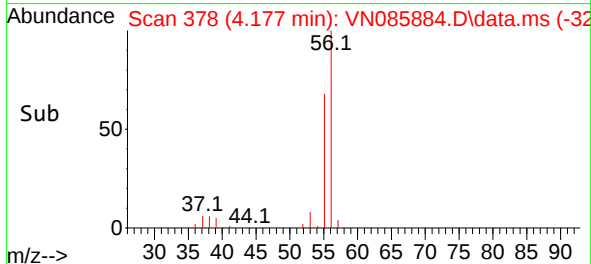
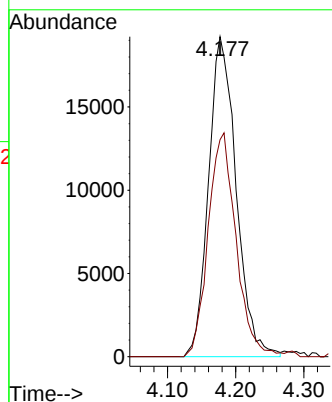
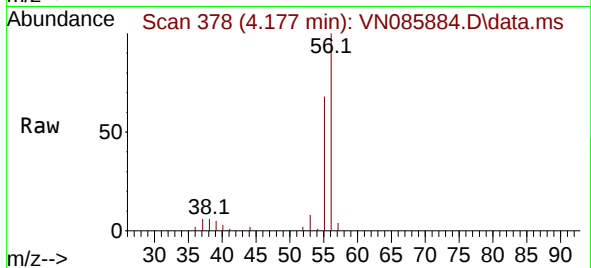




#13  
Acrolein  
Concen: 99.614 ug/l  
RT: 4.177 min Scan# 378  
Delta R.T. 0.000 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

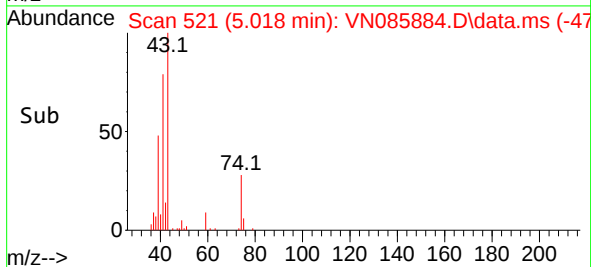
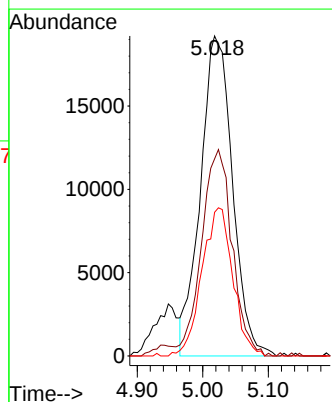
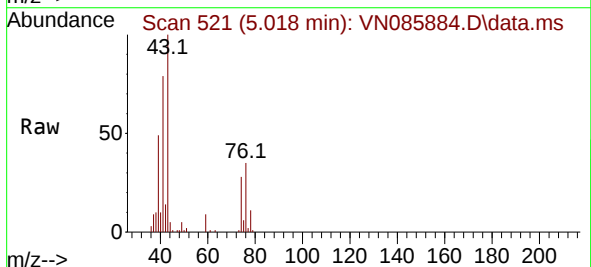
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBSD01

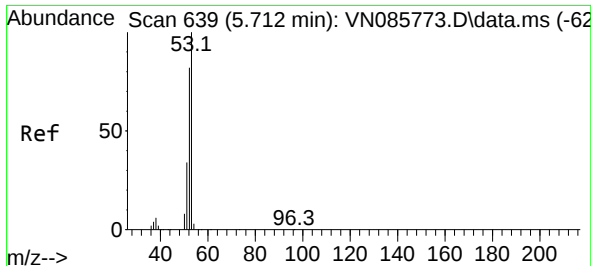
Tgt Ion: 56 Resp: 54221  
Ion Ratio Lower Upper  
56 100  
55 70.6 55.3 82.9



#14  
Allyl chloride  
Concen: 19.724 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. 0.000 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

Tgt Ion: 41 Resp: 65369  
Ion Ratio Lower Upper  
41 100  
39 61.7 57.4 86.2  
76 44.6 36.2 54.2

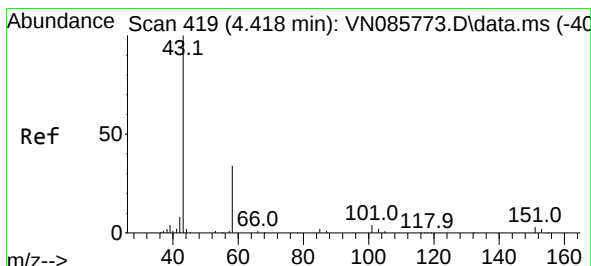
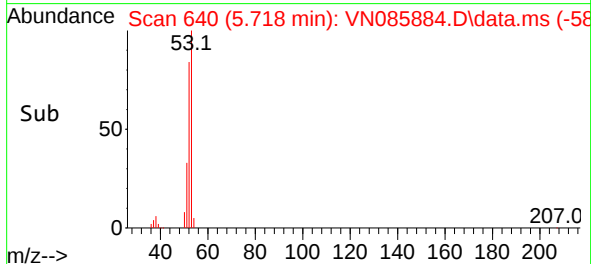
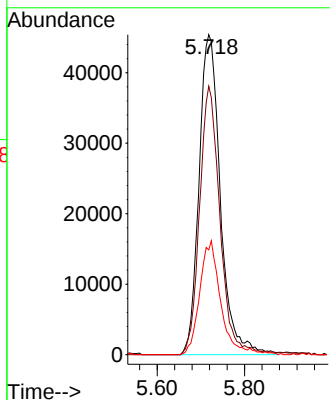
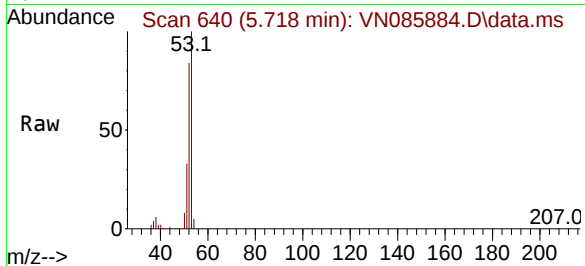




#15  
Acrylonitrile  
Concen: 129.441 ug/l  
RT: 5.718 min Scan# 64  
Delta R.T. 0.006 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

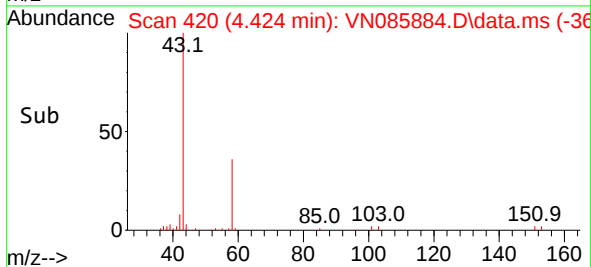
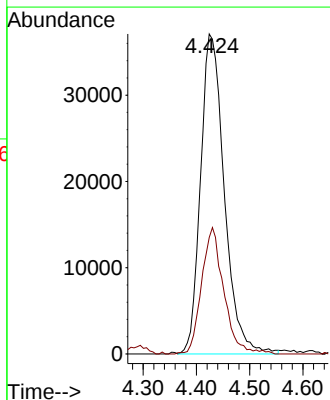
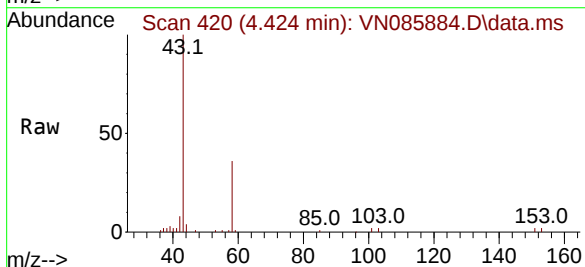
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBSD01

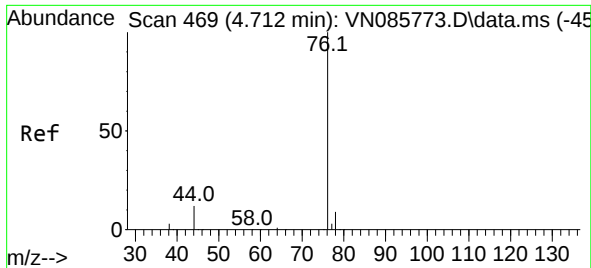
Tgt Ion: 53 Resp: 154455  
Ion Ratio Lower Upper  
53 100  
52 79.8 65.8 98.6  
51 35.2 28.6 42.8



#16  
Acetone  
Concen: 121.749 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. 0.006 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

Tgt Ion: 43 Resp: 114966  
Ion Ratio Lower Upper  
43 100  
58 36.4 27.5 41.3

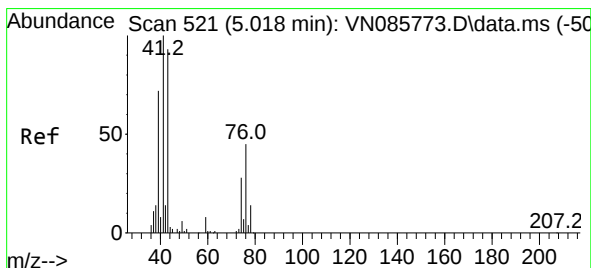
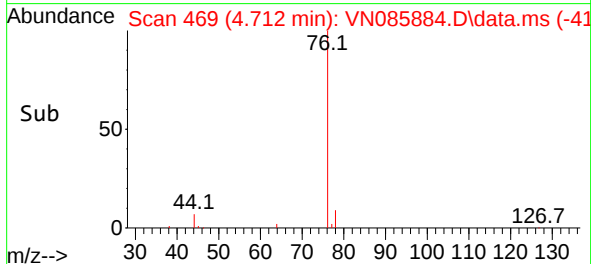
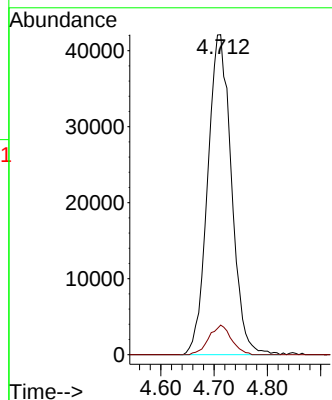
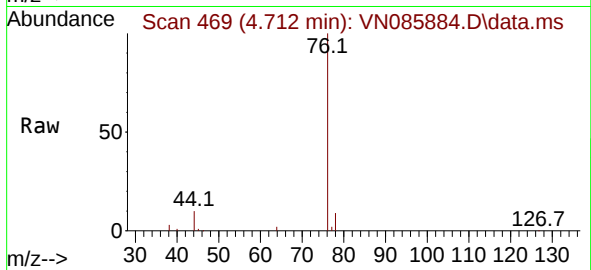




#17  
Carbon Disulfide  
Concen: 17.441 ug/l  
RT: 4.712 min Scan# 469  
Delta R.T. 0.000 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

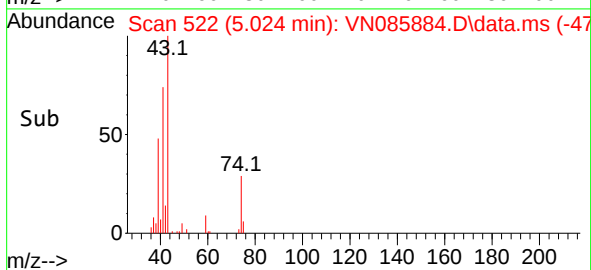
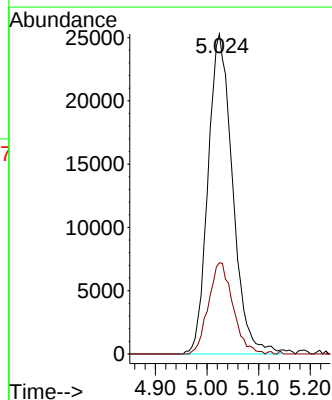
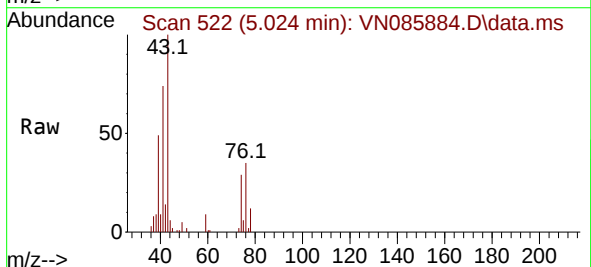
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBSD01

Tgt Ion: 76 Resp: 130479  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.4 11.0



#18  
Methyl Acetate  
Concen: 25.710 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. 0.006 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

Tgt Ion: 43 Resp: 83502  
Ion Ratio Lower Upper  
43 100  
74 28.3 22.2 33.4

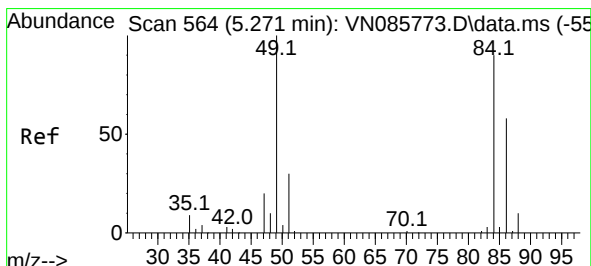
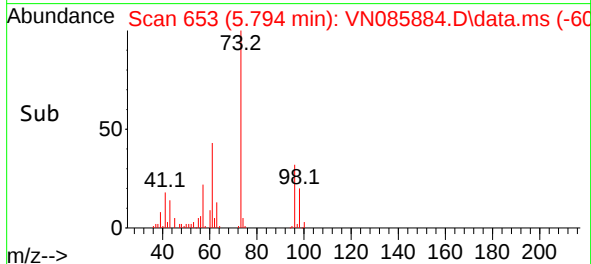
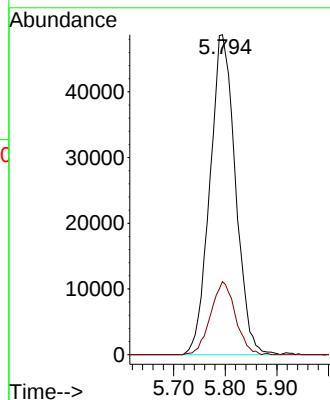
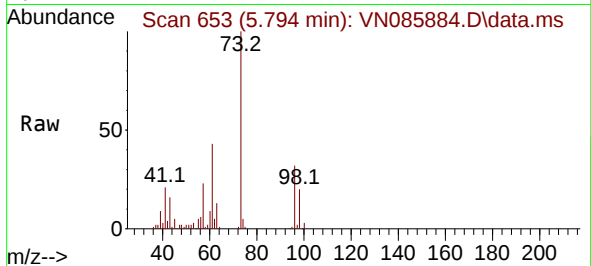




#19  
Methyl tert-butyl Ether  
Concen: 22.306 ug/l  
RT: 5.794 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

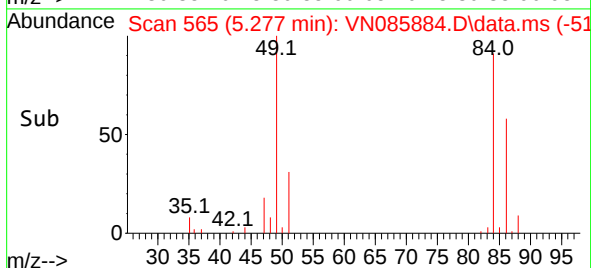
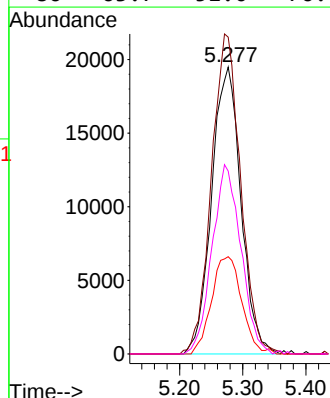
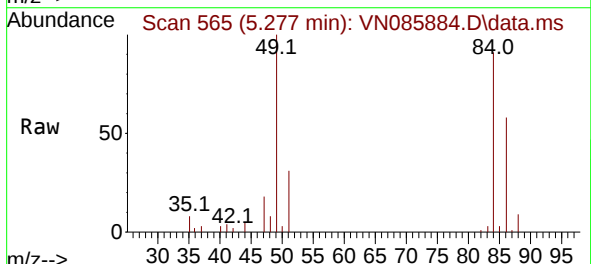
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBSD01

Tgt Ion: 73 Resp: 167324  
Ion Ratio Lower Upper  
73 100  
57 22.9 17.6 26.4



#20  
Methylene Chloride  
Concen: 20.678 ug/l  
RT: 5.277 min Scan# 565  
Delta R.T. 0.006 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

Tgt Ion: 84 Resp: 62792  
Ion Ratio Lower Upper  
84 100  
49 110.4 88.4 132.6  
51 33.9 26.6 40.0  
86 63.7 51.0 76.6

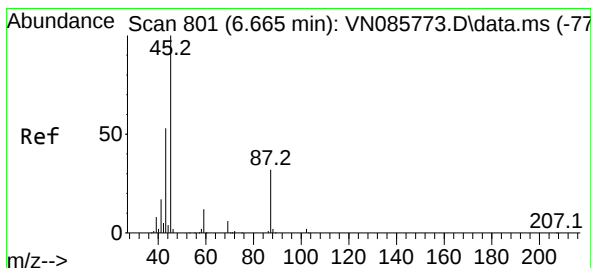
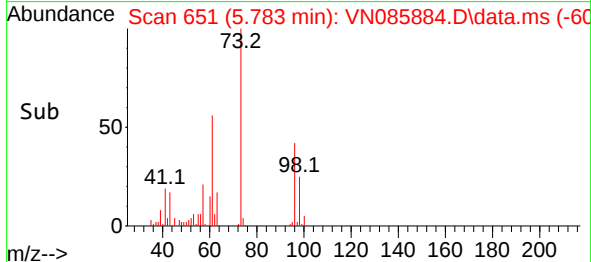
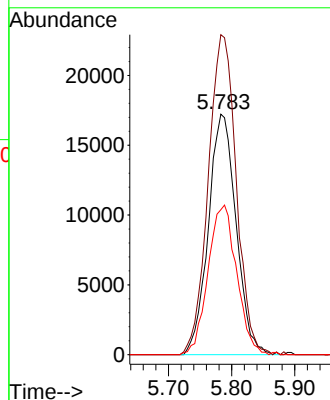
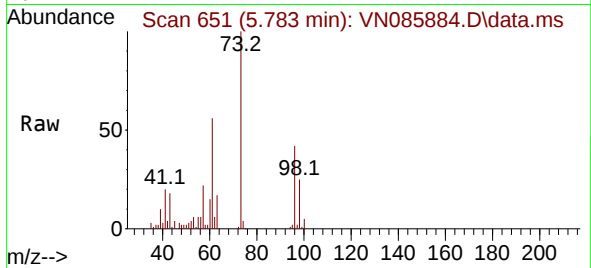




#21  
trans-1,2-Dichloroethene  
Concen: 19.359 ug/l  
RT: 5.783 min Scan# 651  
Delta R.T. 0.000 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

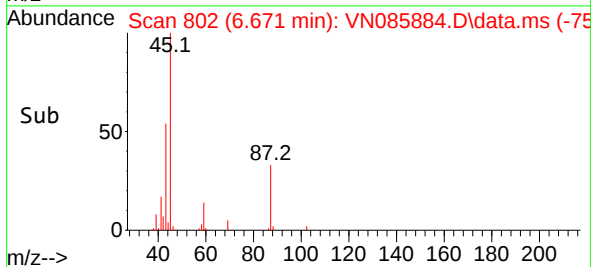
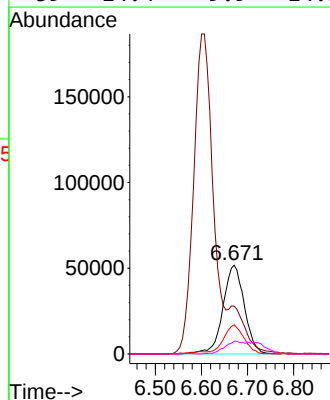
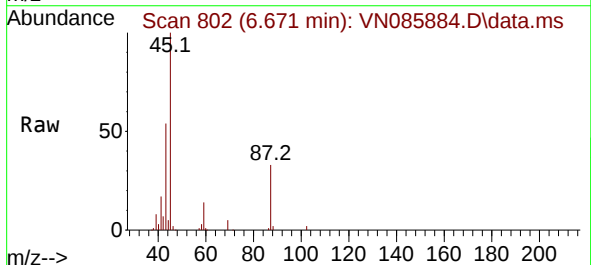
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBSD01

Tgt Ion: 96 Resp: 52621  
Ion Ratio Lower Upper  
96 100  
61 133.1 112.6 168.8  
98 60.3 53.3 79.9



#22  
Diisopropyl ether  
Concen: 22.265 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. 0.006 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

Tgt Ion: 45 Resp: 166737  
Ion Ratio Lower Upper  
45 100  
43 52.9 42.6 64.0  
87 33.1 25.8 38.8  
59 14.4 9.9 14.9

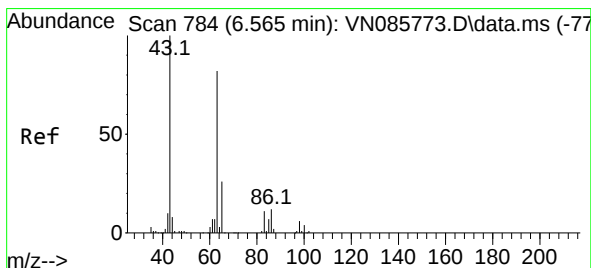
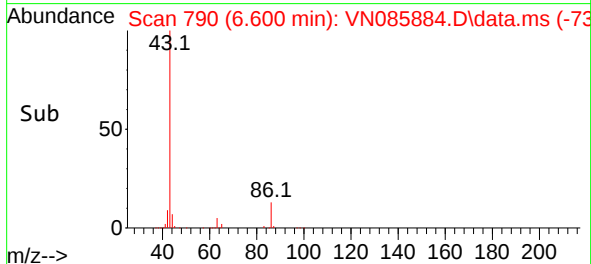
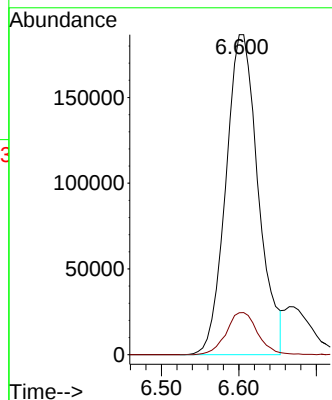
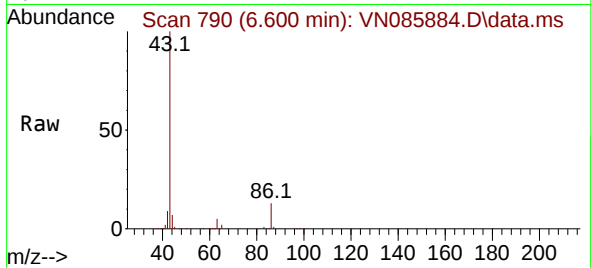




#23  
 Vinyl Acetate  
 Concen: 106.092 ug/l  
 RT: 6.600 min Scan# 790  
 Delta R.T. 0.006 min  
 Lab File: VN085884.D  
 Acq: 27 Feb 2025 12:51

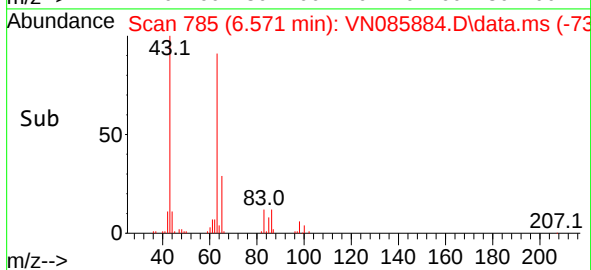
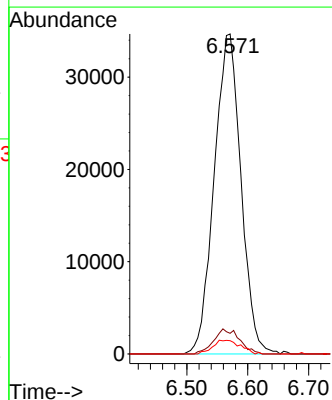
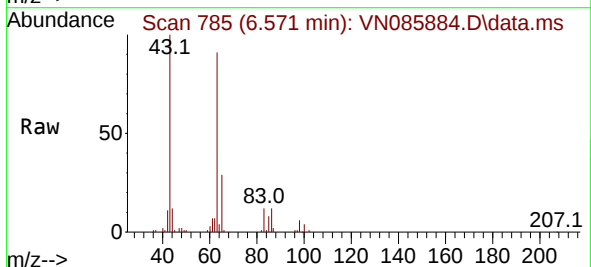
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0227WBSD01

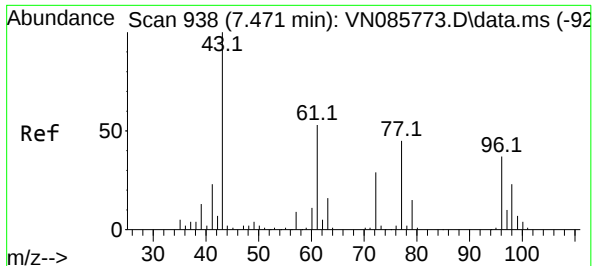
Tgt Ion: 43 Resp: 544005  
 Ion Ratio Lower Upper  
 43 100  
 86 13.1 9.8 14.8



#24  
 1,1-Dichloroethane  
 Concen: 20.782 ug/l  
 RT: 6.571 min Scan# 785  
 Delta R.T. 0.006 min  
 Lab File: VN085884.D  
 Acq: 27 Feb 2025 12:51

Tgt Ion: 63 Resp: 105797  
 Ion Ratio Lower Upper  
 63 100  
 98 6.4 3.5 10.4  
 100 4.1 2.4 7.2

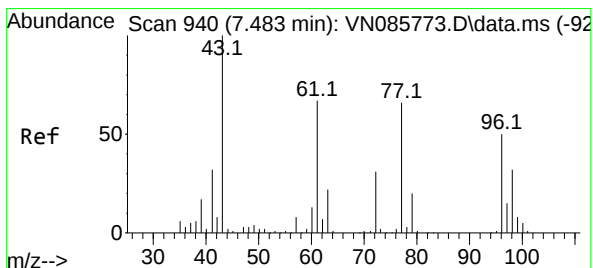
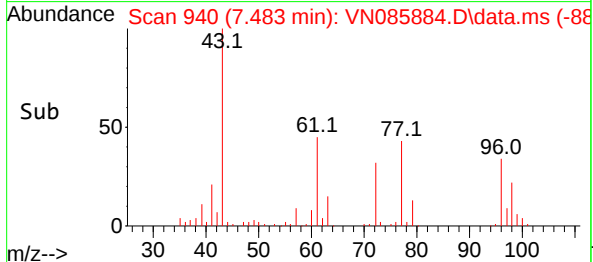
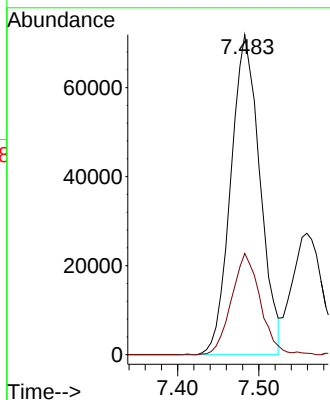
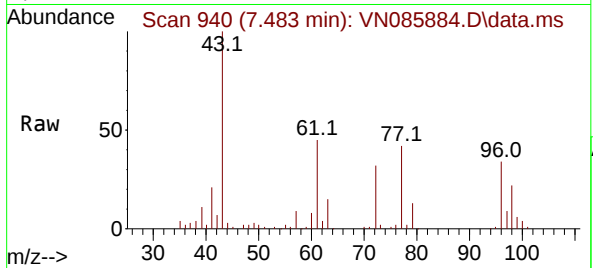




#25  
2-Butanone  
Concen: 129.066 ug/l  
RT: 7.483 min Scan# 940  
Delta R.T. 0.012 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

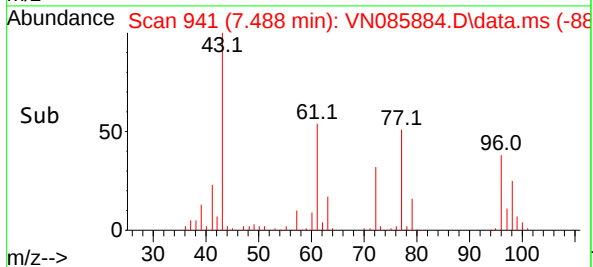
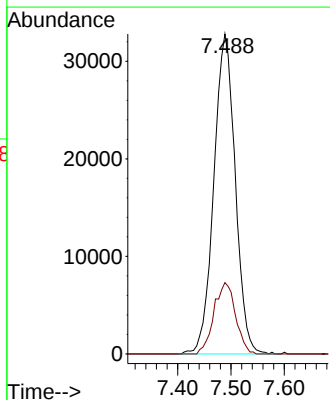
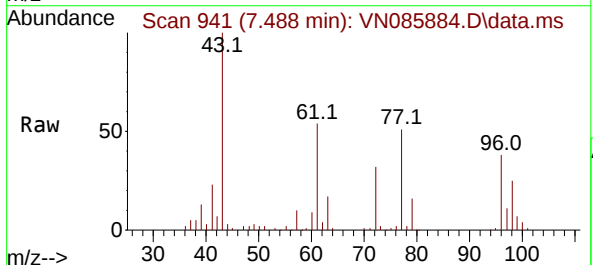
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBSD01

Tgt Ion: 43 Resp: 179301  
Ion Ratio Lower Upper  
43 100  
72 31.7 23.6 35.4



#26  
2,2-Dichloropropane  
Concen: 20.223 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. 0.006 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

Tgt Ion: 77 Resp: 91545  
Ion Ratio Lower Upper  
77 100  
97 22.5 11.3 33.8

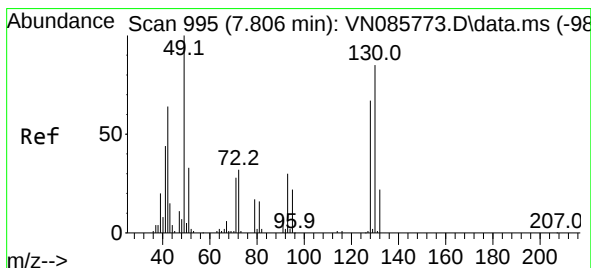
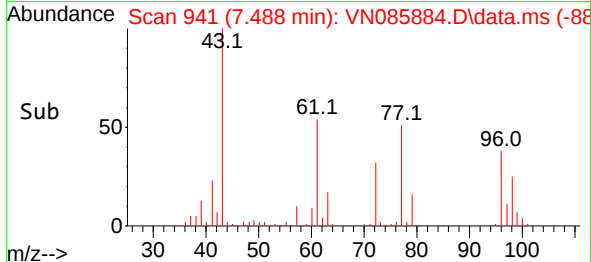
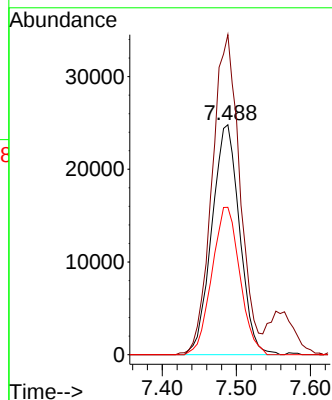
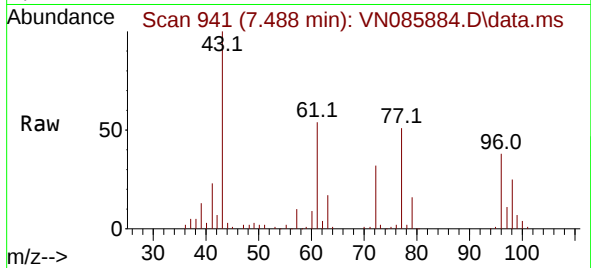




#27  
 cis-1,2-Dichloroethene  
 Concen: 20.471 ug/l  
 RT: 7.488 min Scan# 941  
 Delta R.T. 0.006 min  
 Lab File: VN085884.D  
 Acq: 27 Feb 2025 12:51

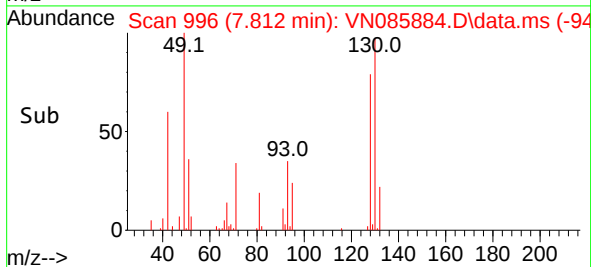
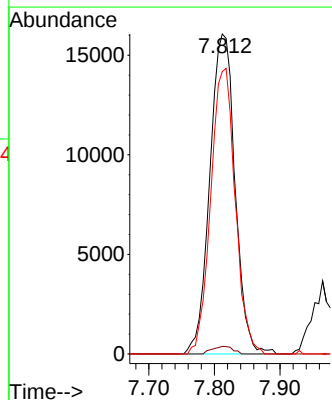
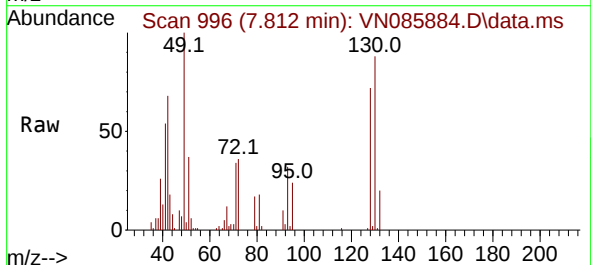
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0227WBSD01

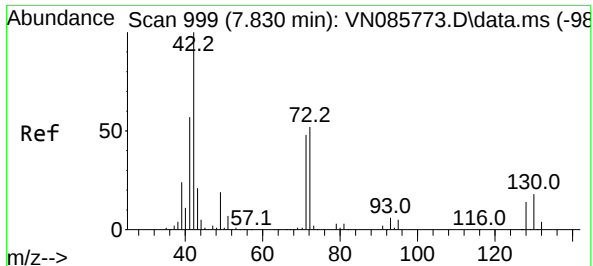
Tgt Ion: 96 Resp: 64516  
 Ion Ratio Lower Upper  
 96 100  
 61 140.1 0.0 280.6  
 98 64.6 0.0 128.6



#28  
 Bromochloromethane  
 Concen: 20.475 ug/l  
 RT: 7.812 min Scan# 996  
 Delta R.T. 0.006 min  
 Lab File: VN085884.D  
 Acq: 27 Feb 2025 12:51

Tgt Ion: 49 Resp: 42841  
 Ion Ratio Lower Upper  
 49 100  
 129 2.0 0.0 3.8  
 130 86.6 68.0 102.0





#29

Tetrahydrofuran

Concen: 130.717 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.012 min

Lab File: VN085884.D

Acq: 27 Feb 2025 12:51

Instrument :

MSVOA\_N

ClientSampleId :

VN0227WBSD01

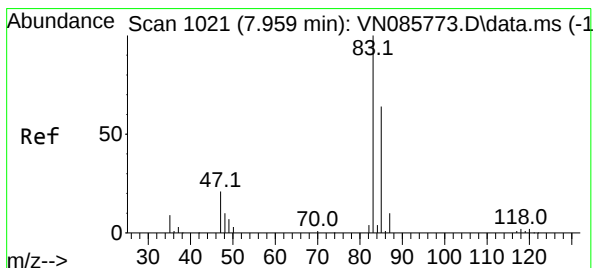
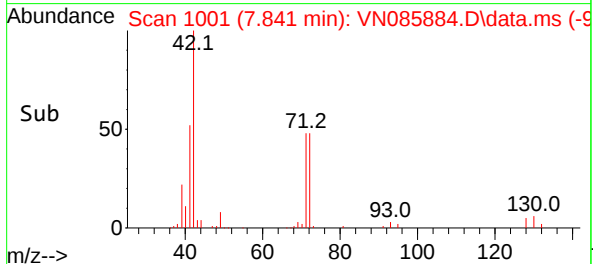
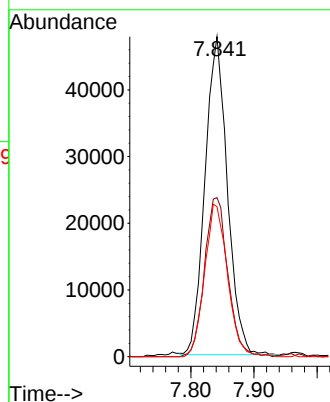
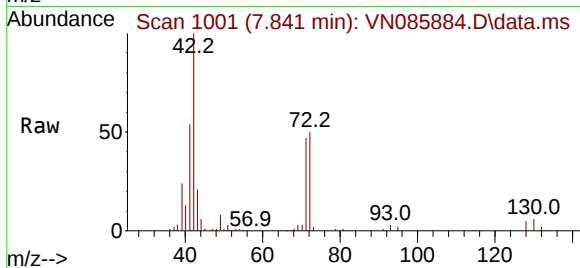
Tgt Ion: 42 Resp: 117264

Ion Ratio Lower Upper

42 100

72 52.3 40.0 60.0

71 49.3 37.0 55.4



#30

Chloroform

Concen: 21.010 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VN085884.D

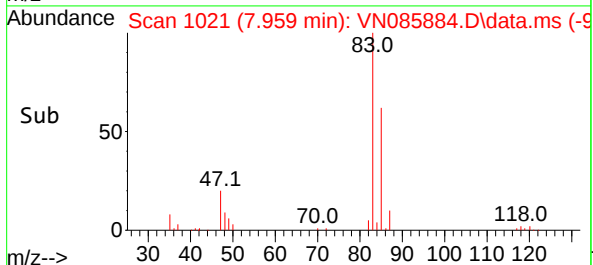
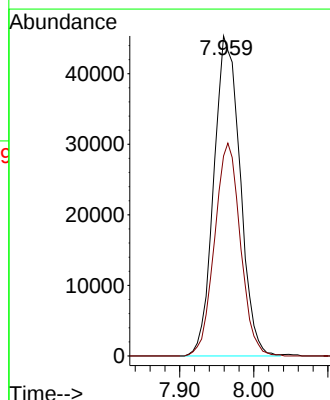
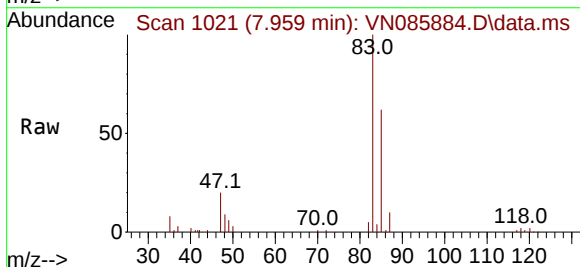
Acq: 27 Feb 2025 12:51

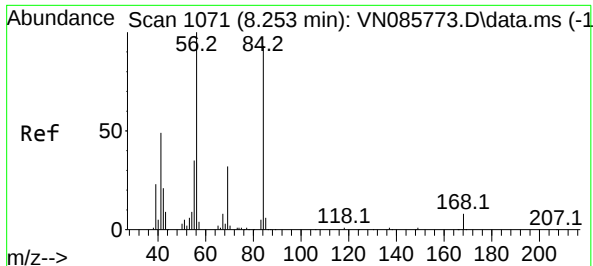
Tgt Ion: 83 Resp: 111774

Ion Ratio Lower Upper

83 100

85 62.5 50.9 76.3

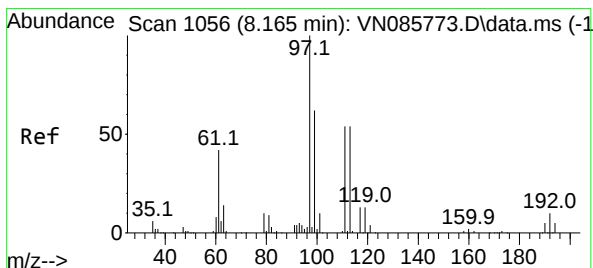
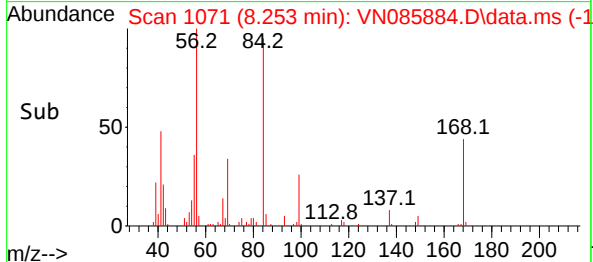
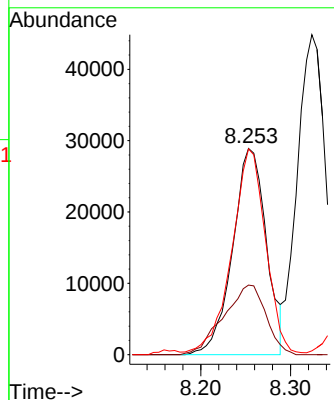
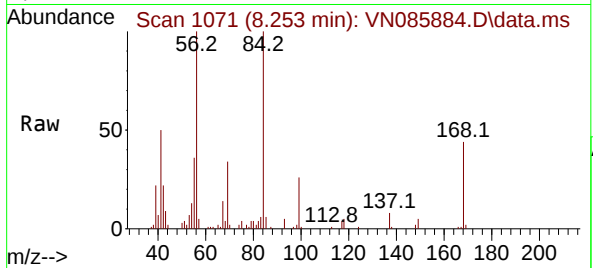




#31  
Cyclohexane  
Concen: 17.689 ug/l  
RT: 8.253 min Scan# 1071  
Delta R.T. 0.000 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

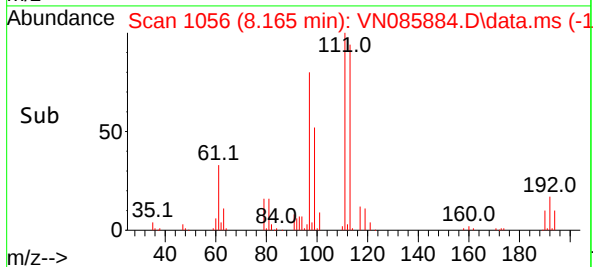
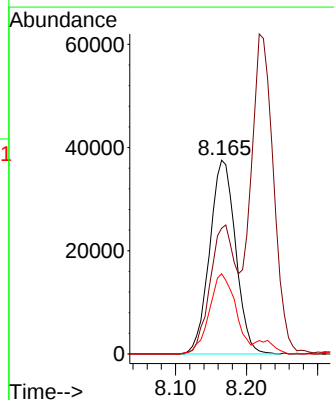
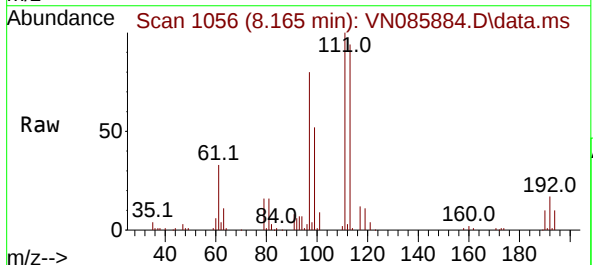
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 56    | Resp: | 75399 |
| Ion Ratio | Lower | Upper |       |
| 56        | 100   |       |       |
| 69        | 33.8  | 25.8  | 38.6  |
| 84        | 98.5  | 74.5  | 111.7 |



#32  
1,1,1-Trichloroethane  
Concen: 20.073 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. 0.000 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 97    | Resp: | 94985 |
| Ion Ratio | Lower | Upper |       |
| 97        | 100   |       |       |
| 99        | 64.4  | 50.4  | 75.6  |
| 61        | 42.2  | 35.5  | 53.3  |





#33

1,2-Dichloroethane-d4

Concen: 41.667 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085884.D

Acq: 27 Feb 2025 12:51

Instrument :

MSVOA\_N

ClientSampleId :

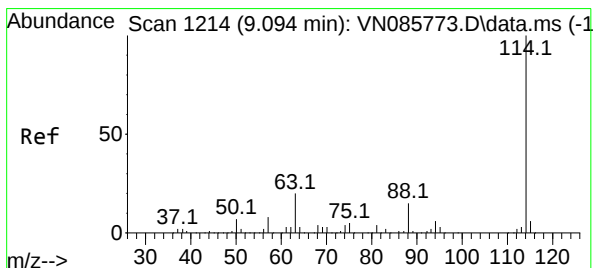
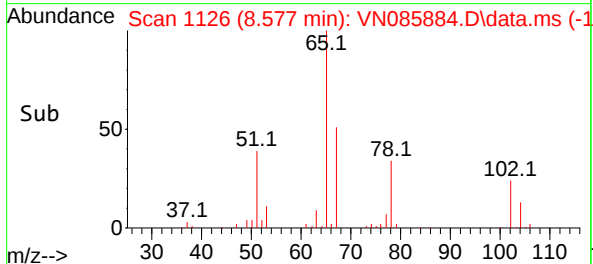
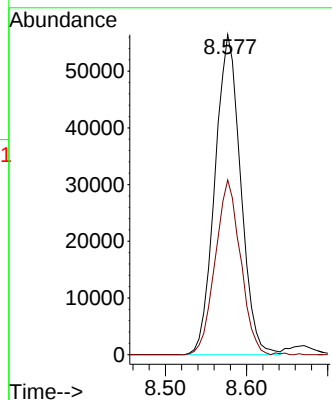
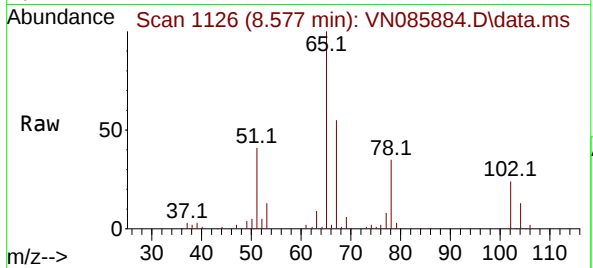
VN0227WBSD01

Tgt Ion: 65 Resp: 124346

Ion Ratio Lower Upper

65 100

67 53.5 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085884.D

Acq: 27 Feb 2025 12:51

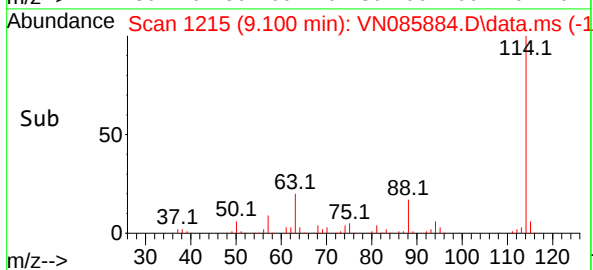
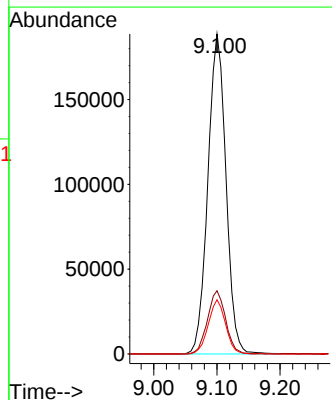
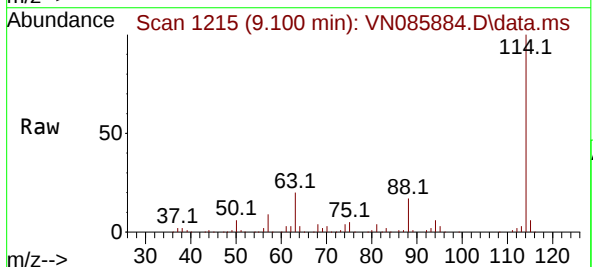
Tgt Ion: 114 Resp: 375362

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.2

88 17.0 0.0 30.0





#35

Dibromofluoromethane

Concen: 43.890 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085884.D

Acq: 27 Feb 2025 12:51

Instrument :

MSVOA\_N

ClientSampleId :

VN0227WBSD01

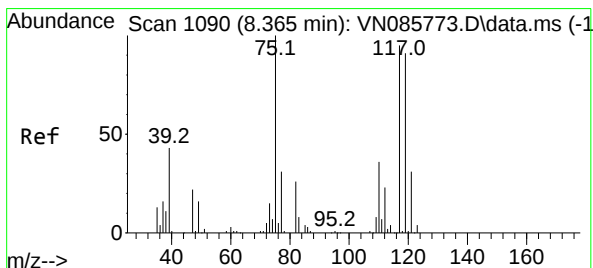
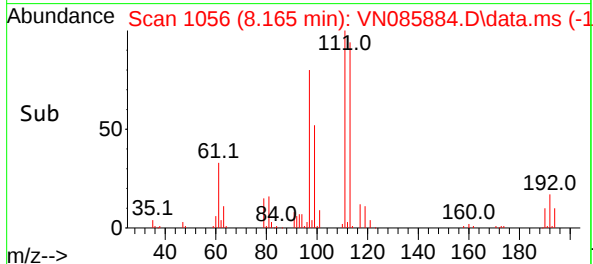
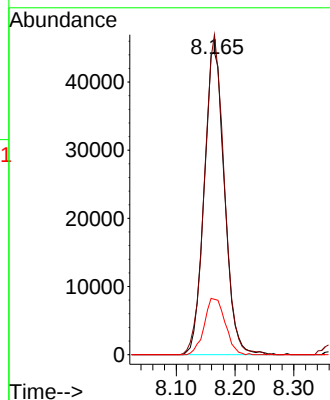
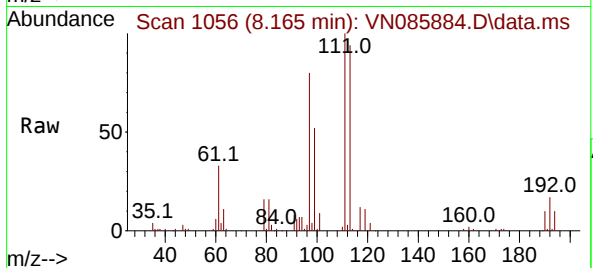
Tgt Ion:113 Resp: 107802

Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.4

192 18.9 14.7 22.1



#36

1,1-Dichloropropene

Concen: 20.442 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN085884.D

Acq: 27 Feb 2025 12:51

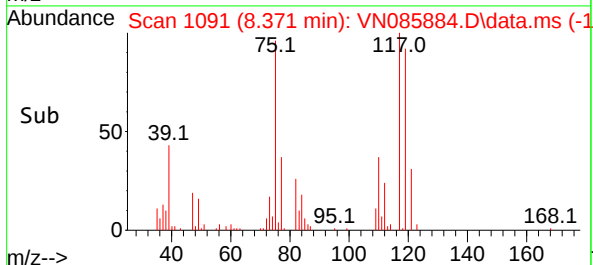
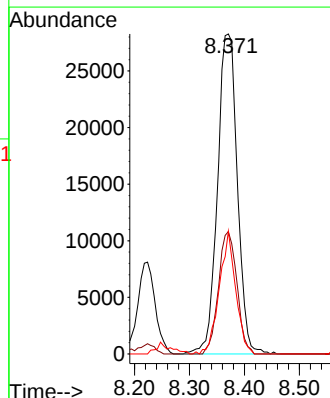
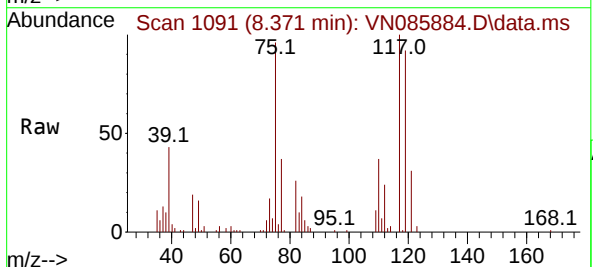
Tgt Ion: 75 Resp: 71060

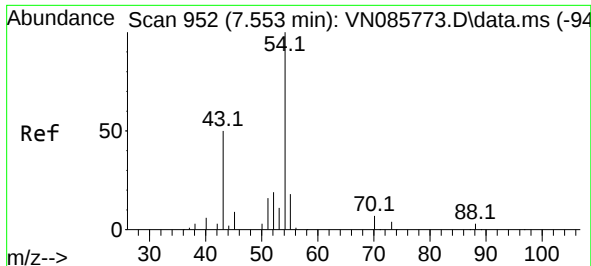
Ion Ratio Lower Upper

75 100

110 35.6 17.3 52.0

77 31.7 24.6 37.0





#37

Ethyl Acetate

Concen: 25.381 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN085884.D

Acq: 27 Feb 2025 12:51

Instrument :

MSVOA\_N

ClientSampleId :

VN0227WBSD01

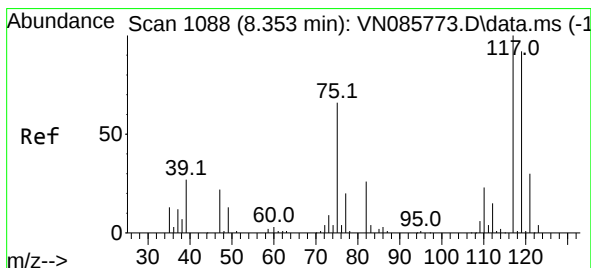
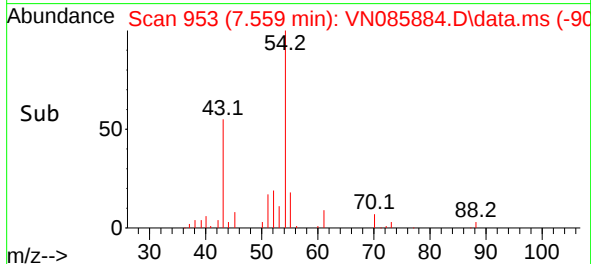
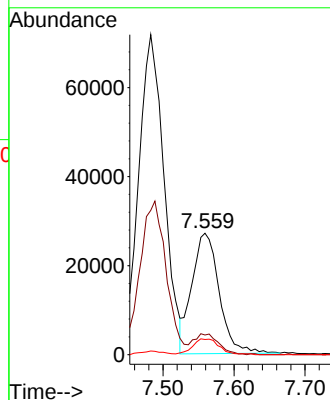
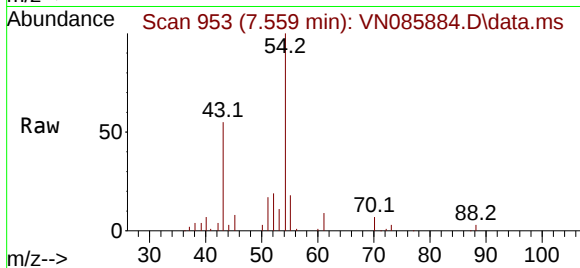
Tgt Ion: 43 Resp: 72606

Ion Ratio Lower Upper

43 100

61 15.5 12.2 18.2

70 12.8 9.5 14.3



#38

Carbon Tetrachloride

Concen: 21.078 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.012 min

Lab File: VN085884.D

Acq: 27 Feb 2025 12:51

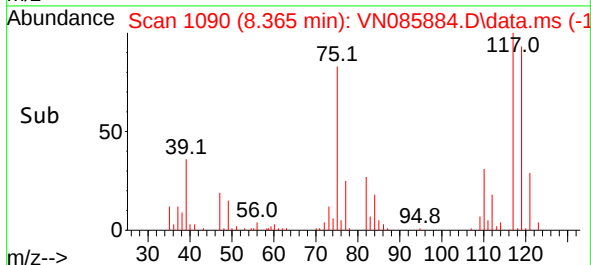
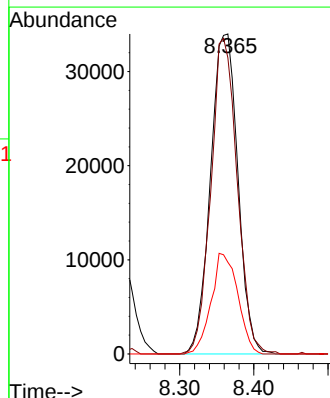
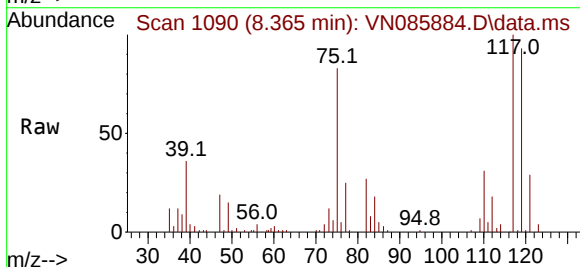
Tgt Ion: 117 Resp: 87061

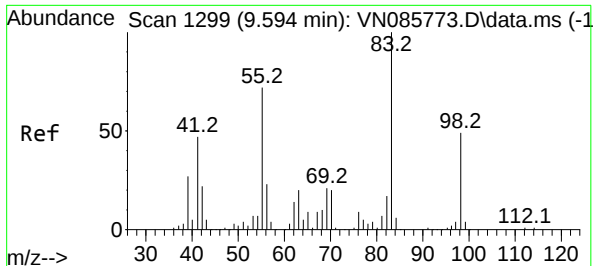
Ion Ratio Lower Upper

117 100

119 92.5 73.8 110.6

121 28.7 24.3 36.5





#39

Methylcyclohexane

Concen: 18.626 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN085884.D

Acq: 27 Feb 2025 12:51

Instrument :

MSVOA\_N

ClientSampleId :

VN0227WBSD01

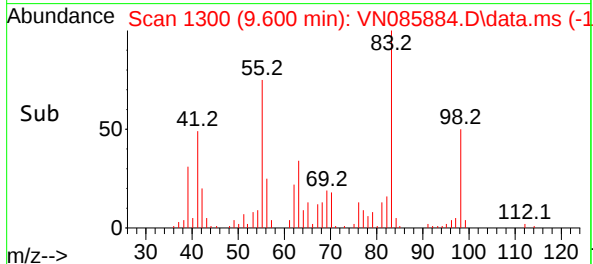
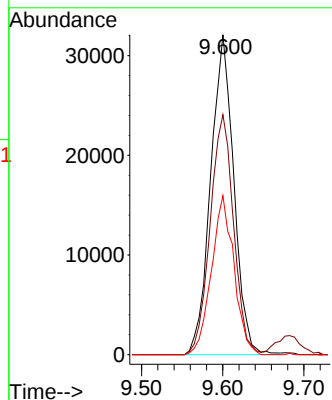
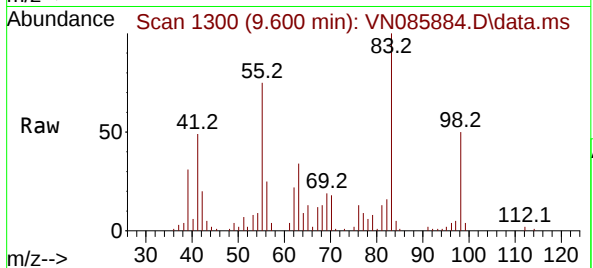
Tgt Ion: 83 Resp: 63606

Ion Ratio Lower Upper

83 100

55 75.0 57.5 86.3

98 49.7 39.2 58.8



#40

Benzene

Concen: 21.453 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN085884.D

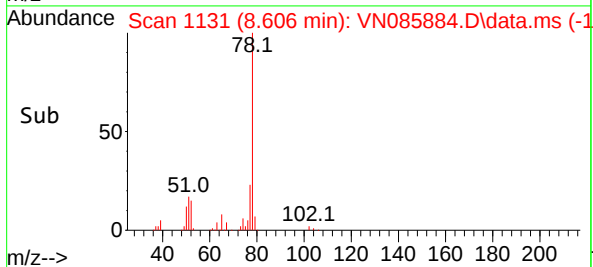
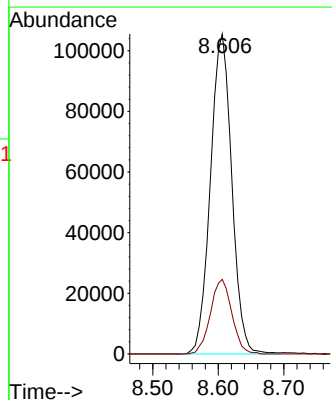
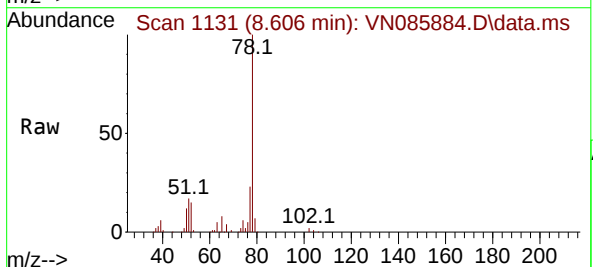
Acq: 27 Feb 2025 12:51

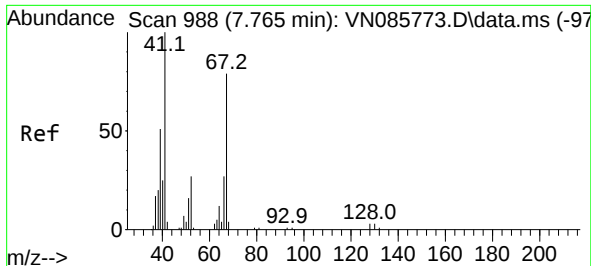
Tgt Ion: 78 Resp: 239019

Ion Ratio Lower Upper

78 100

77 23.3 18.3 27.5

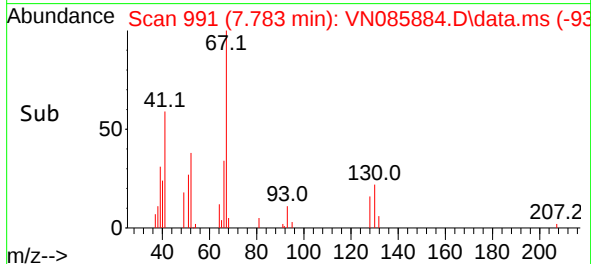
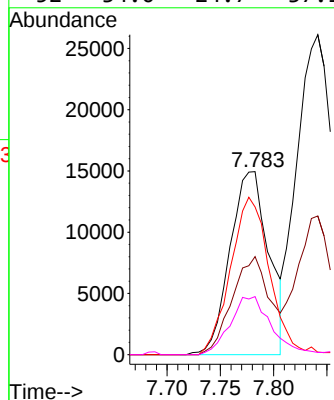
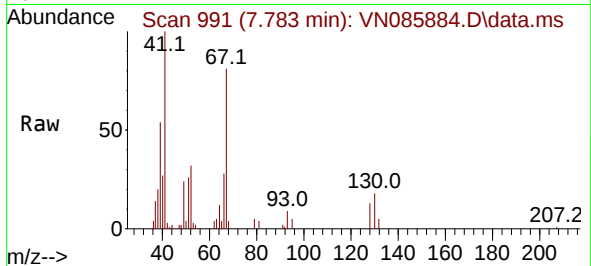




#41  
Methacrylonitrile  
Concen: 24.790 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. 0.018 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

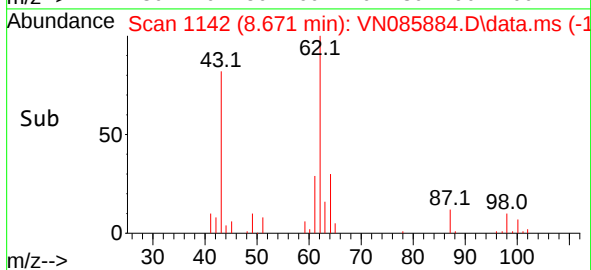
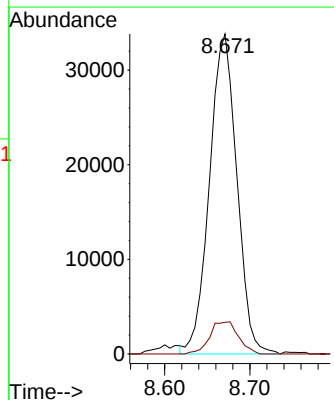
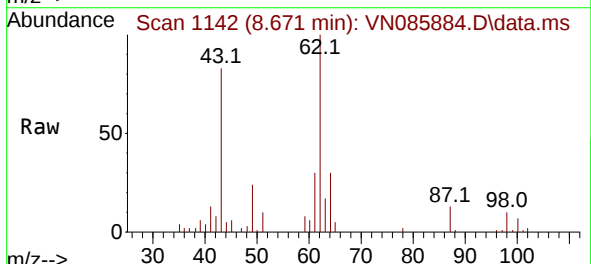
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBSD01

|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 37911 |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 39 52.1     | 42.0 63.0   |
| 67 87.1     | 64.2 96.4   |
| 52 34.0     | 24.7 37.1   |



#42  
1,2-Dichloroethane  
Concen: 20.825 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. 0.006 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

|             |             |
|-------------|-------------|
| Tgt Ion: 62 | Resp: 75573 |
| Ion Ratio   | Lower Upper |
| 62 100      |             |
| 98 10.6     | 0.0 19.6    |

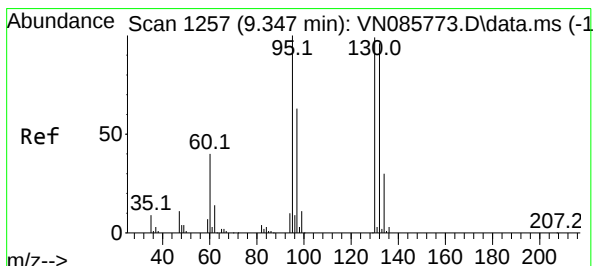
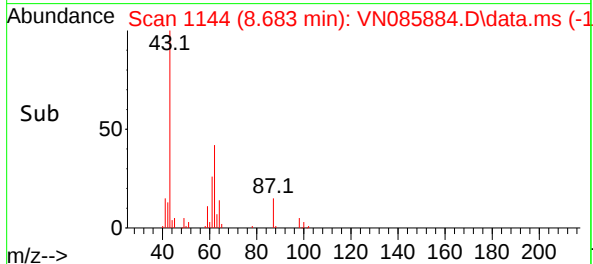
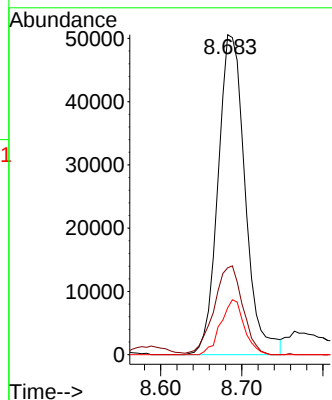
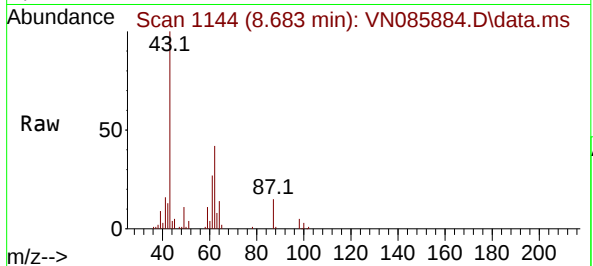




#43  
Isopropyl Acetate  
Concen: 23.093 ug/l  
RT: 8.683 min Scan# 1144  
Delta R.T. -0.000 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

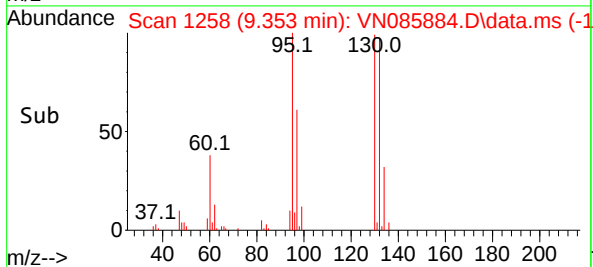
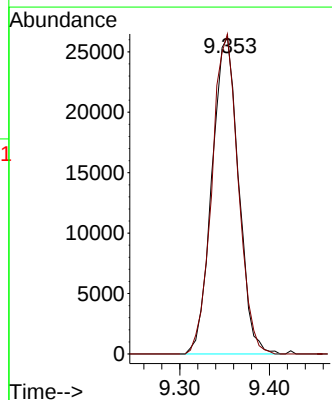
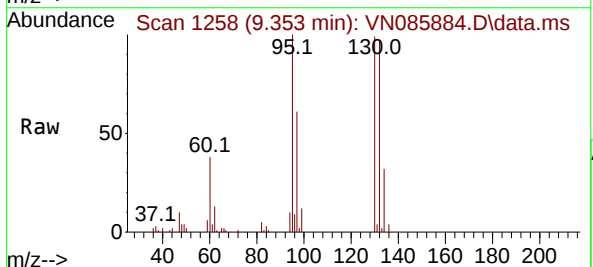
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBSD01

Tgt Ion: 43 Resp: 117411  
Ion Ratio Lower Upper  
43 100  
61 29.3 22.6 34.0  
87 15.0 11.8 17.8



#44  
Trichloroethene  
Concen: 19.735 ug/l  
RT: 9.353 min Scan# 1258  
Delta R.T. 0.006 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

Tgt Ion:130 Resp: 53987  
Ion Ratio Lower Upper  
130 100  
95 101.2 0.0 202.6





#45

1,2-Dichloropropane

Concen: 21.993 ug/l

RT: 9.618 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085884.D

Acq: 27 Feb 2025 12:51

Instrument :

MSVOA\_N

ClientSampleId :

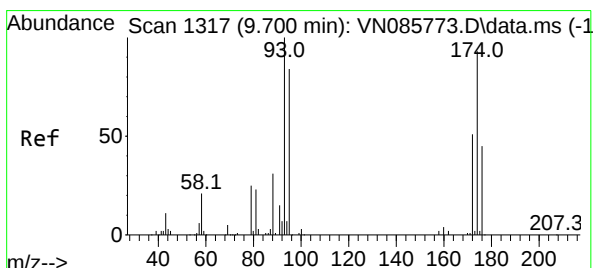
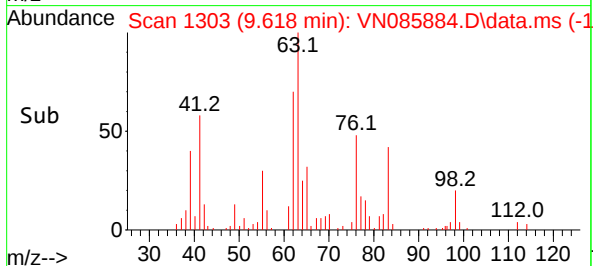
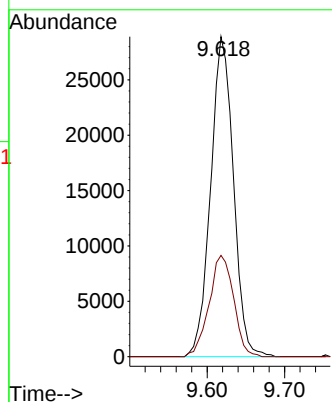
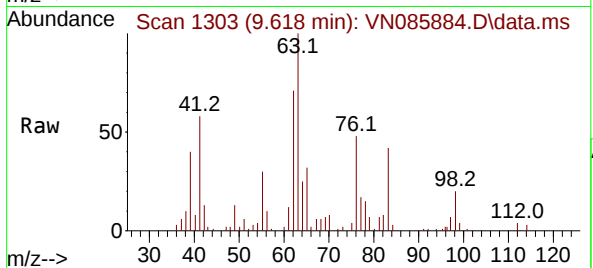
VN0227WBSD01

Tgt Ion: 63 Resp: 59147

Ion Ratio Lower Upper

63 100

65 31.7 25.1 37.7



#46

Dibromomethane

Concen: 22.194 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VN085884.D

Acq: 27 Feb 2025 12:51

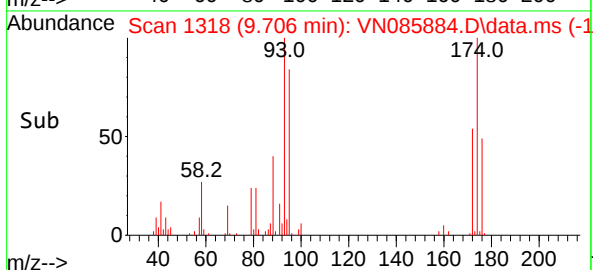
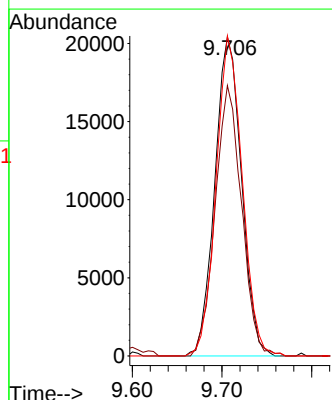
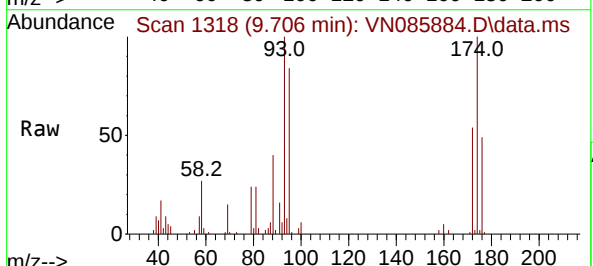
Tgt Ion: 93 Resp: 42101

Ion Ratio Lower Upper

93 100

95 84.2 66.7 100.1

174 98.5 77.2 115.8

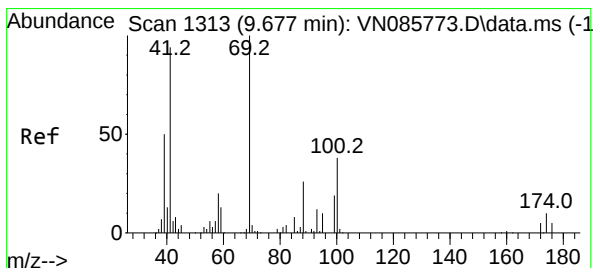
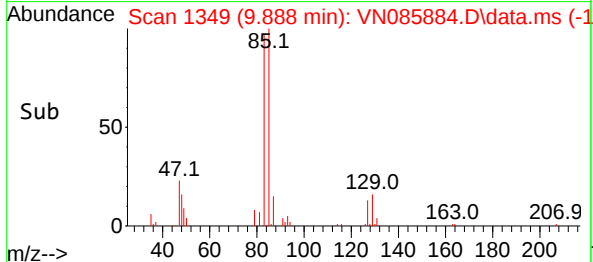
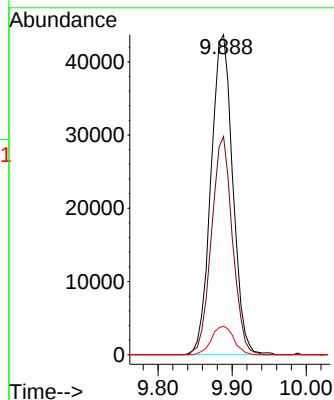
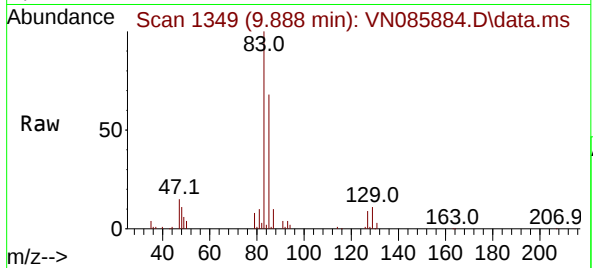




#47  
Bromodichloromethane  
Concen: 21.952 ug/l  
RT: 9.888 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

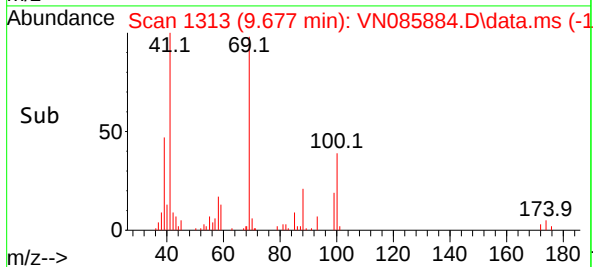
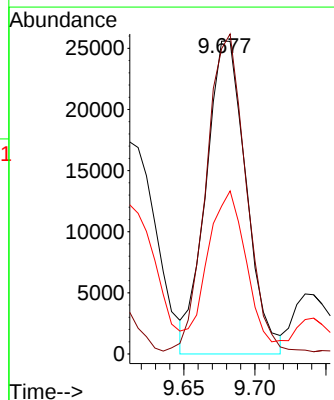
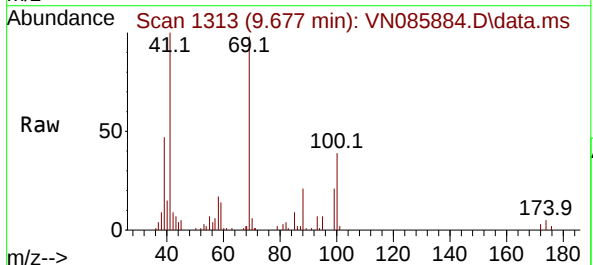
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBSD01

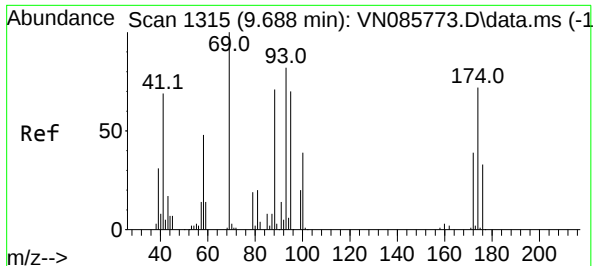
Tgt Ion: 83 Resp: 89090  
Ion Ratio Lower Upper  
83 100  
85 68.2 50.5 75.7  
127 8.9 7.2 10.8



#48  
Methyl methacrylate  
Concen: 23.718 ug/l  
RT: 9.677 min Scan# 1313  
Delta R.T. 0.000 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

Tgt Ion: 41 Resp: 50389  
Ion Ratio Lower Upper  
41 100  
69 102.0 76.0 114.0  
39 53.0 42.3 63.5





#49

1,4-Dioxane

Concen: 649.723 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085884.D

Acq: 27 Feb 2025 12:51

Instrument :

MSVOA\_N

ClientSampleId :

VN0227WBSD01

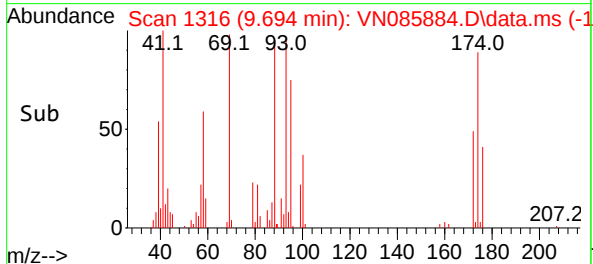
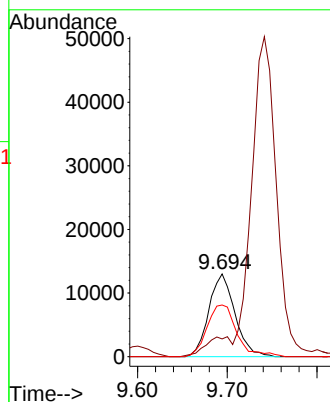
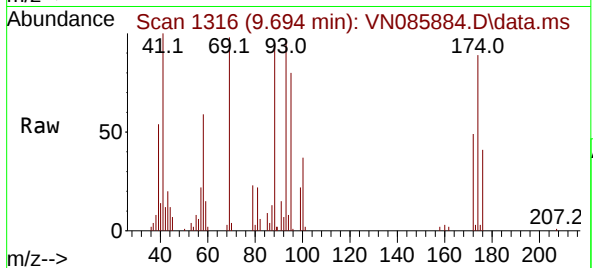
Tgt Ion: 88 Resp: 26249

Ion Ratio Lower Upper

88 100

43 23.9 18.6 27.8

58 71.0 56.7 85.1



#50

Toluene-d8

Concen: 43.933 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN085884.D

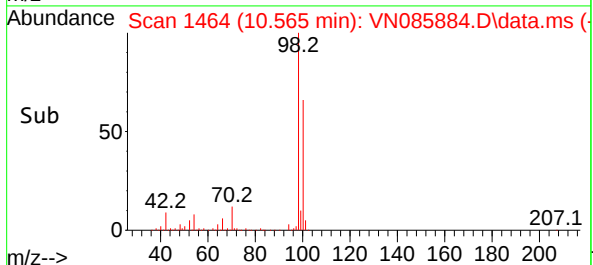
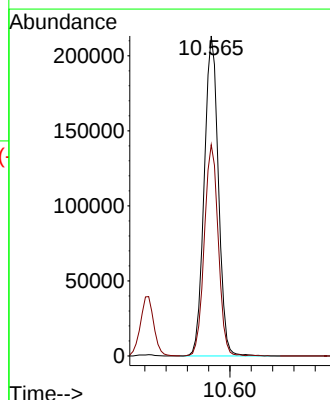
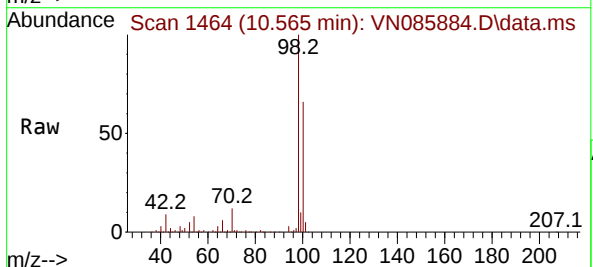
Acq: 27 Feb 2025 12:51

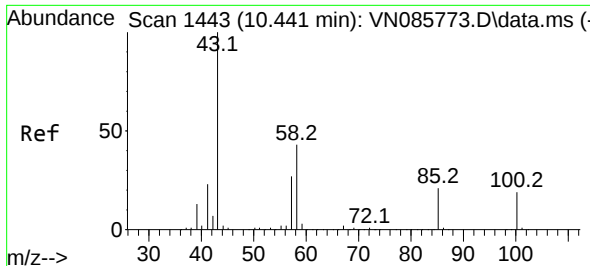
Tgt Ion: 98 Resp: 392601

Ion Ratio Lower Upper

98 100

100 65.0 52.1 78.1

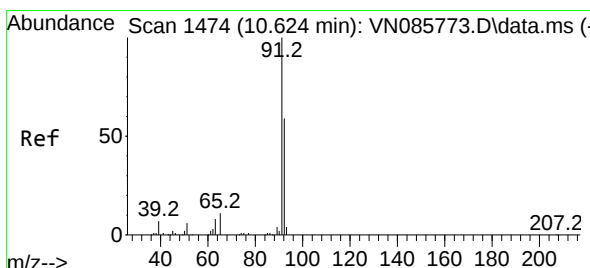
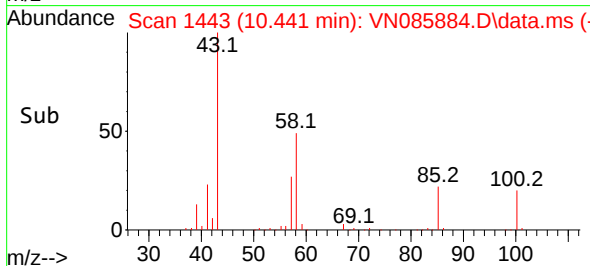
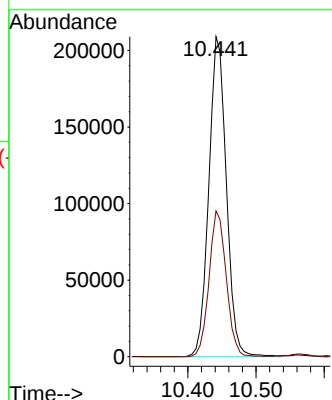
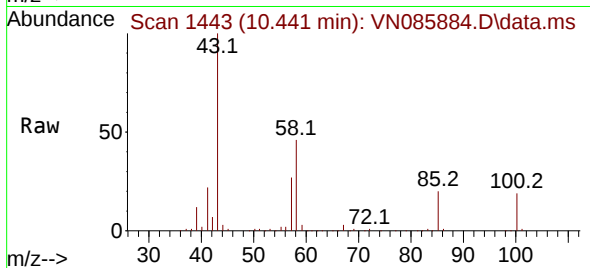




#51  
4-Methyl-2-Pentanone  
Concen: 135.539 ug/l  
RT: 10.441 min Scan# 1443  
Delta R.T. 0.000 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

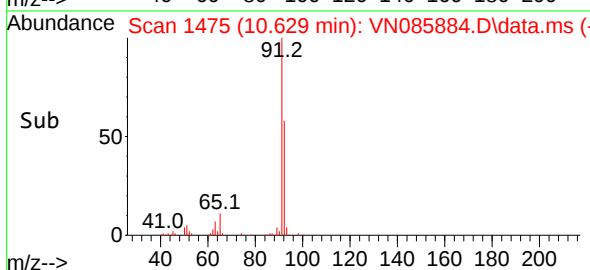
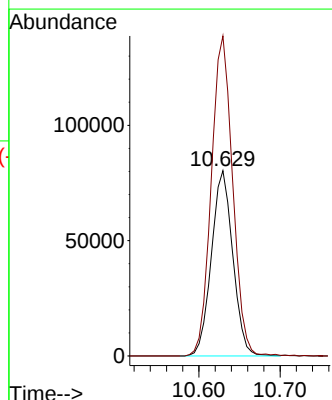
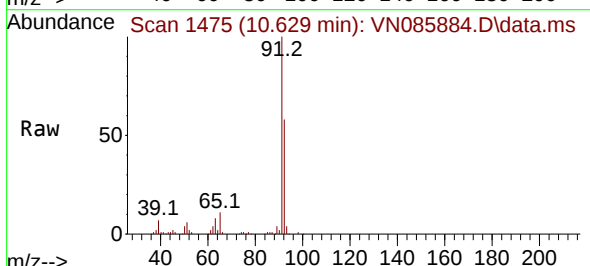
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBSD01

Tgt Ion: 43 Resp: 373829  
Ion Ratio Lower Upper  
43 100  
58 44.7 34.6 52.0



#52  
Toluene  
Concen: 22.484 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. 0.006 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

Tgt Ion: 92 Resp: 146844  
Ion Ratio Lower Upper  
92 100  
91 172.8 136.9 205.3

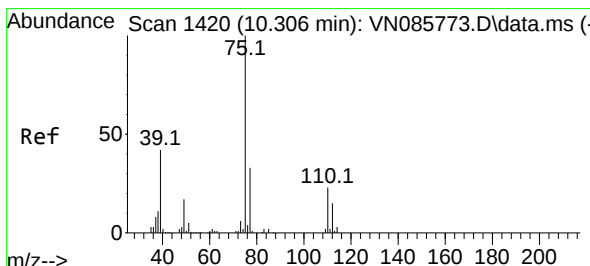
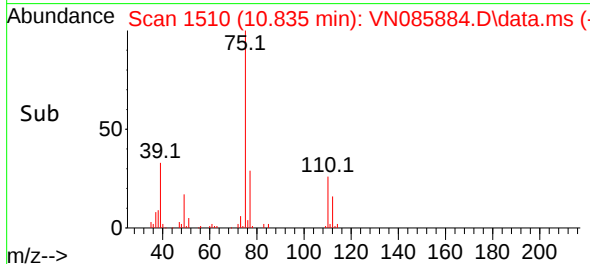
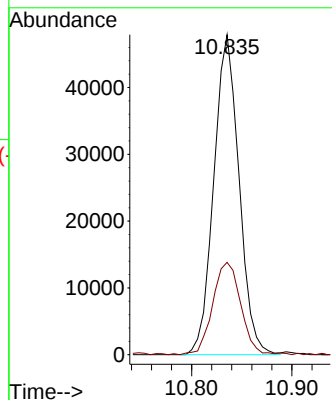
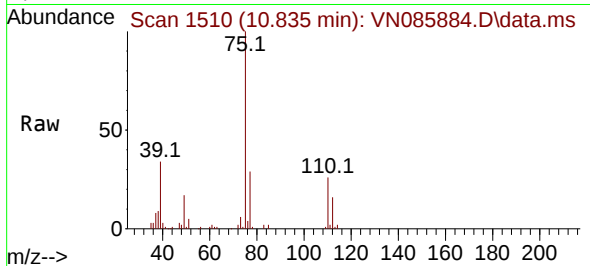




#53  
t-1,3-Dichloropropene  
Concen: 22.316 ug/l  
RT: 10.835 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

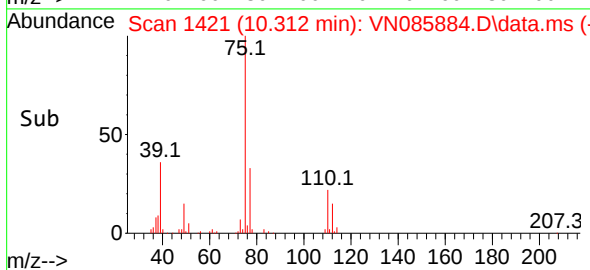
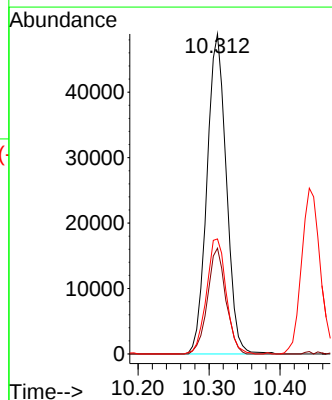
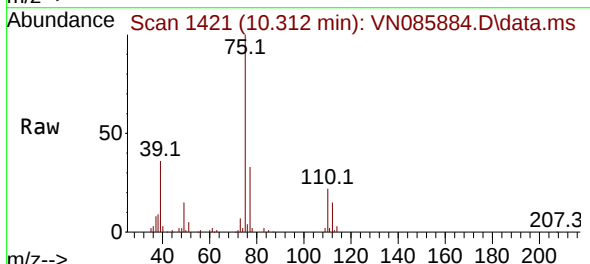
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBSD01

Tgt Ion: 75 Resp: 83747  
Ion Ratio Lower Upper  
75 100  
77 28.8 25.4 38.0



#54  
cis-1,3-Dichloropropene  
Concen: 22.491 ug/l  
RT: 10.312 min Scan# 1421  
Delta R.T. 0.006 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

Tgt Ion: 75 Resp: 92556  
Ion Ratio Lower Upper  
75 100  
77 33.1 26.1 39.1  
39 35.9 33.4 50.0





#55

1,1,2-Trichloroethane

Concen: 23.171 ug/l

RT: 11.018 min Scan# 1540

Delta R.T. 0.006 min

Lab File: VN085884.D

Acq: 27 Feb 2025 12:51

Instrument :

MSVOA\_N

ClientSampleId :

VN0227WBSD01

Tgt Ion: 97 Resp: 60167

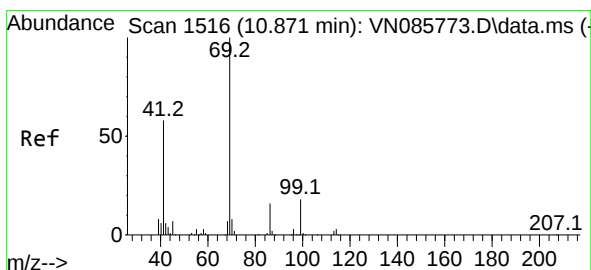
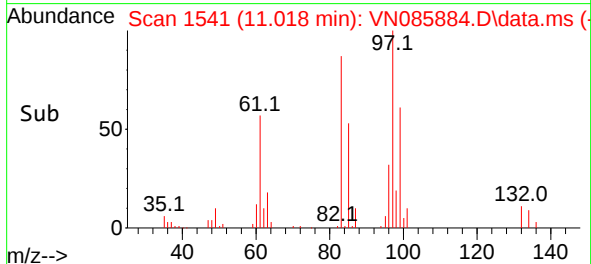
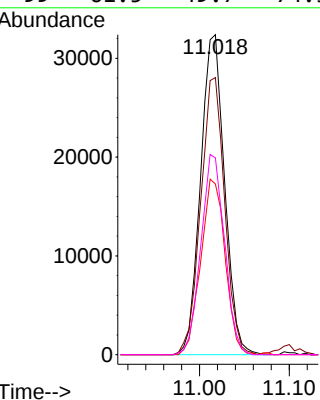
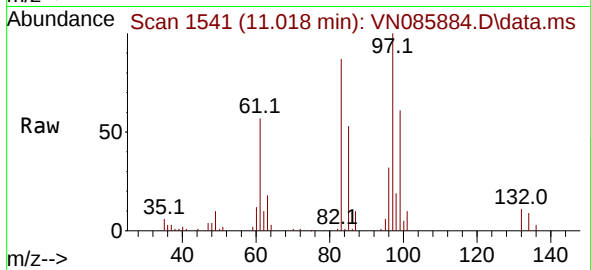
Ion Ratio Lower Upper

97 100

83 86.6 66.1 99.1

85 53.3 44.7 67.1

99 61.5 49.7 74.5



#56

Ethyl methacrylate

Concen: 24.021 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VN085884.D

Acq: 27 Feb 2025 12:51

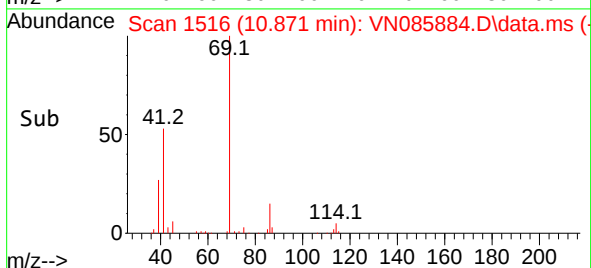
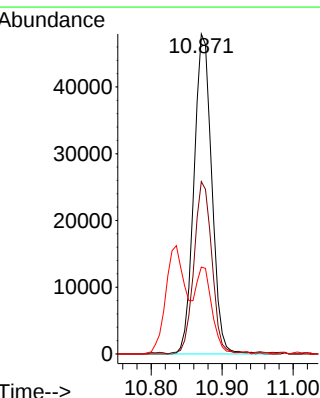
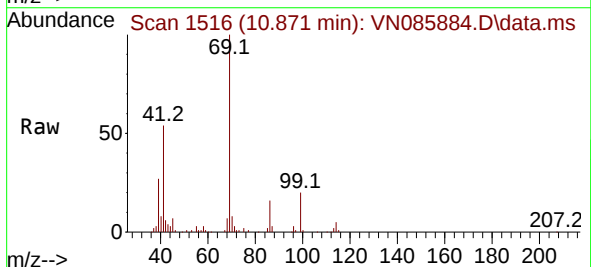
Tgt Ion: 69 Resp: 83526

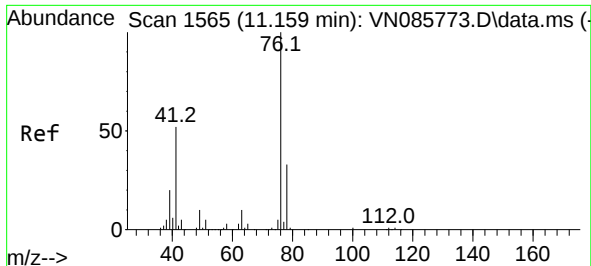
Ion Ratio Lower Upper

69 100

41 54.2 46.0 69.0

39 22.7 22.0 33.0





#57

1,3-Dichloropropane

Concen: 22.883 ug/l

RT: 11.159 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085884.D

Acq: 27 Feb 2025 12:51

Instrument :

MSVOA\_N

ClientSampleId :

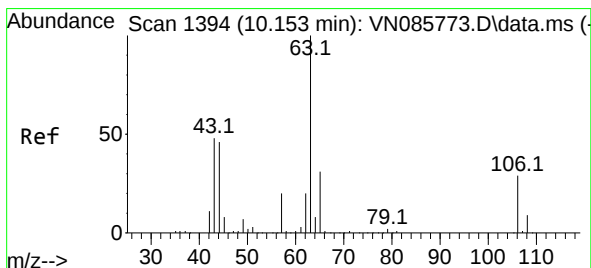
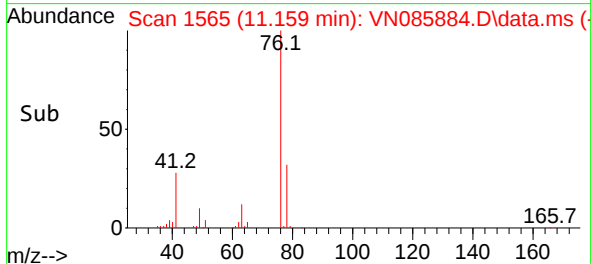
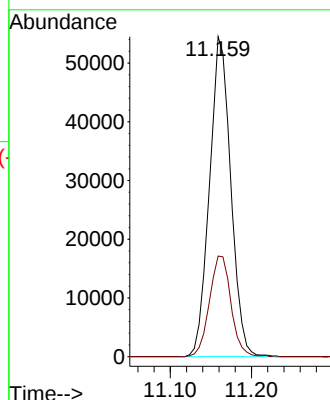
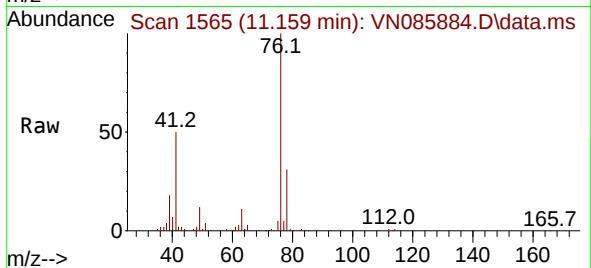
VN0227WBSD01

Tgt Ion: 76 Resp: 99189

Ion Ratio Lower Upper

76 100

78 31.9 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 125.168 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.006 min

Lab File: VN085884.D

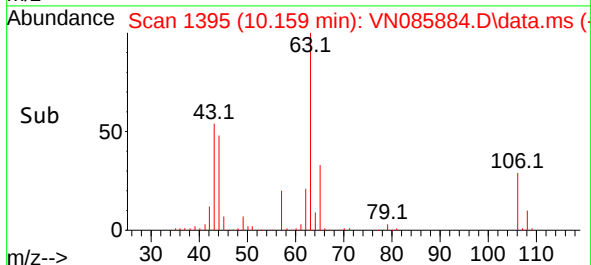
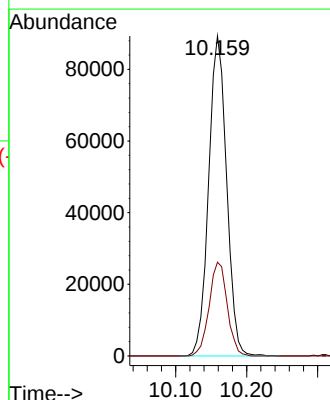
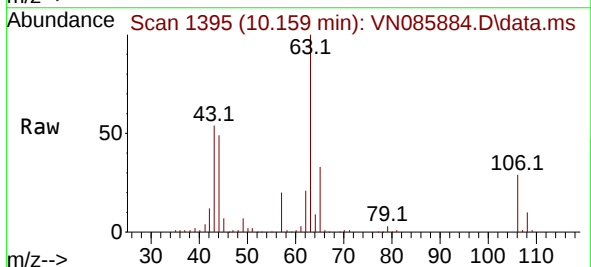
Acq: 27 Feb 2025 12:51

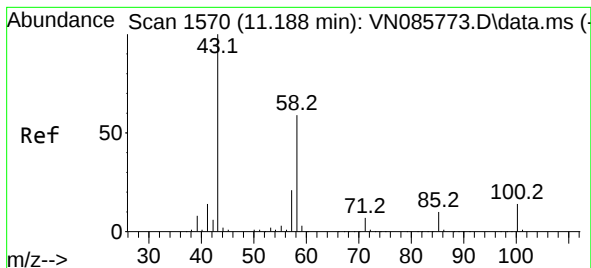
Tgt Ion: 63 Resp: 156954

Ion Ratio Lower Upper

63 100

106 29.5 22.7 34.1





#59

2-Hexanone

Concen: 142.197 ug/l

RT: 11.194 min Scan# 1571

Delta R.T. 0.006 min

Lab File: VN085884.D

Acq: 27 Feb 2025 12:51

Instrument :

MSVOA\_N

ClientSampleId :

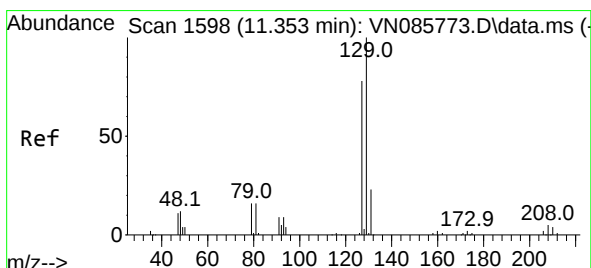
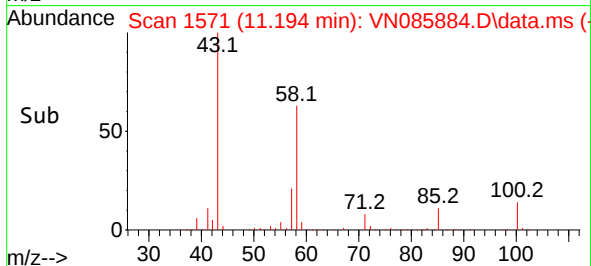
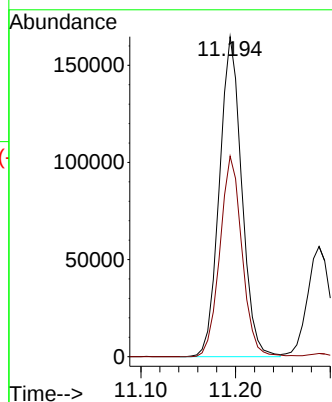
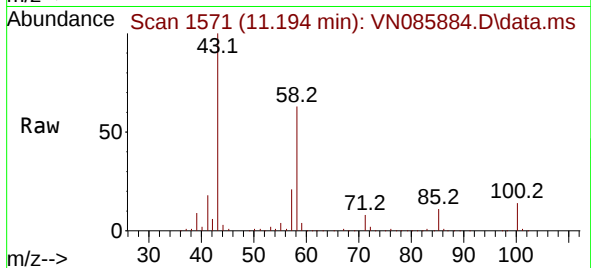
VN0227WBSD01

Tgt Ion: 43 Resp: 269806

Ion Ratio Lower Upper

43 100

58 62.2 29.8 89.5



#60

Dibromochloromethane

Concen: 23.811 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. 0.006 min

Lab File: VN085884.D

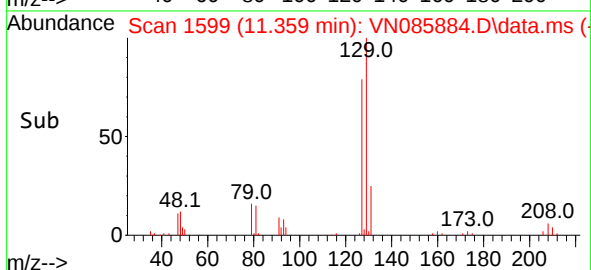
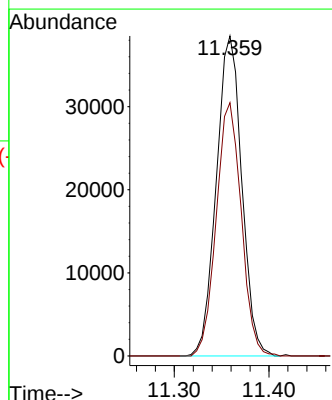
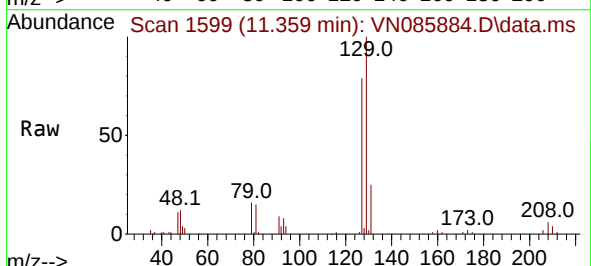
Acq: 27 Feb 2025 12:51

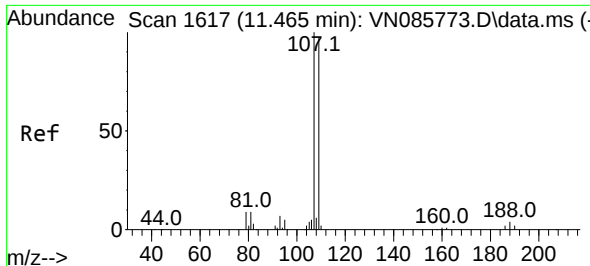
Tgt Ion:129 Resp: 71996

Ion Ratio Lower Upper

129 100

127 77.6 39.1 117.5

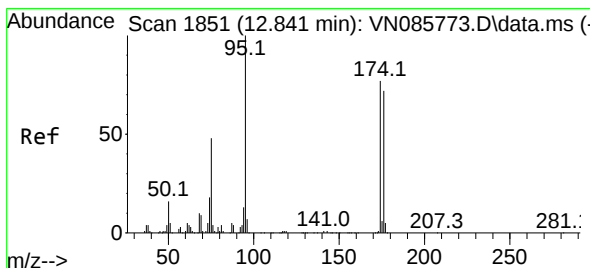
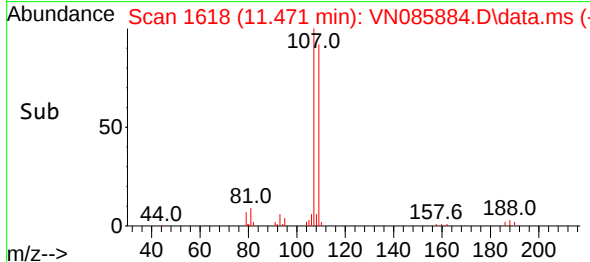
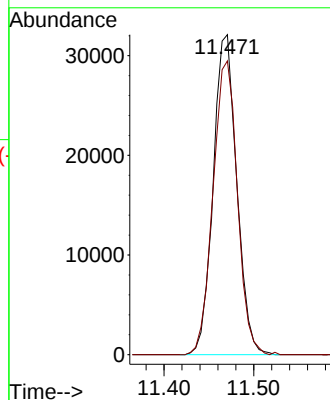
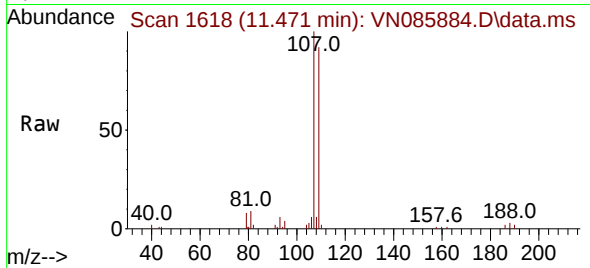




#61  
1,2-Dibromoethane  
Concen: 23.848 ug/l  
RT: 11.471 min Scan# 1618  
Delta R.T. 0.006 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

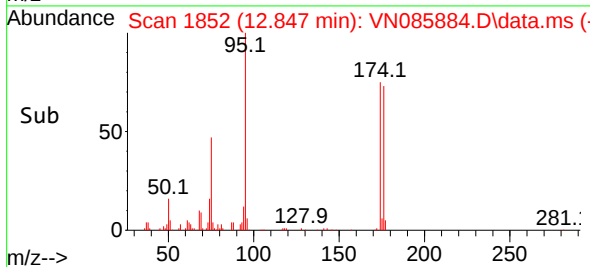
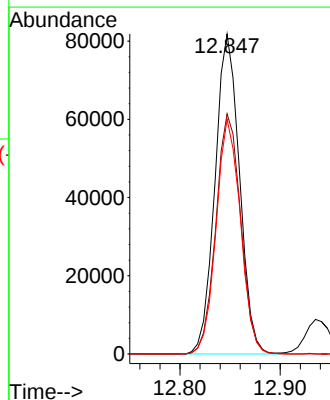
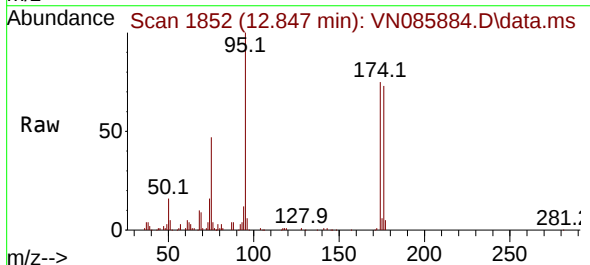
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBSD01

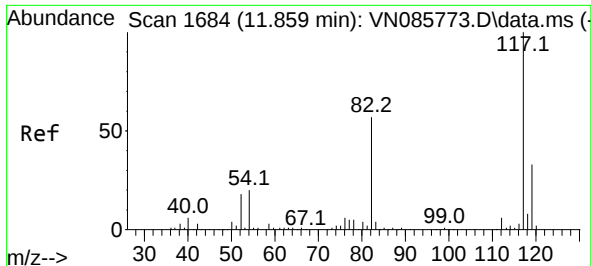
Tgt Ion:107 Resp: 58510  
Ion Ratio Lower Upper  
107 100  
109 95.0 76.0 114.0



#62  
4-Bromofluorobenzene  
Concen: 47.067 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. 0.006 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

Tgt Ion: 95 Resp: 138580  
Ion Ratio Lower Upper  
95 100  
174 76.2 0.0 152.4  
176 72.7 0.0 146.6

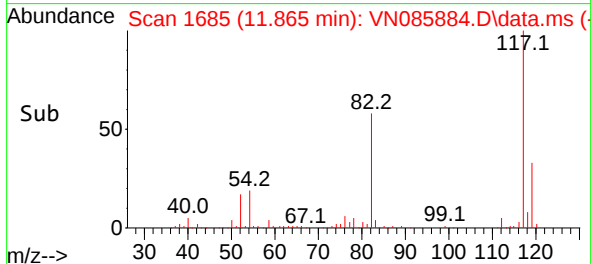
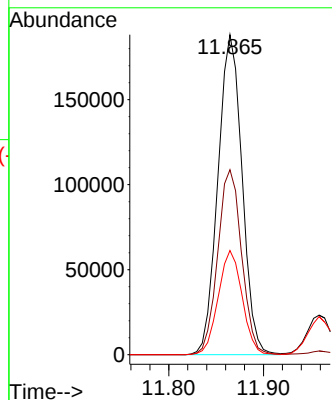
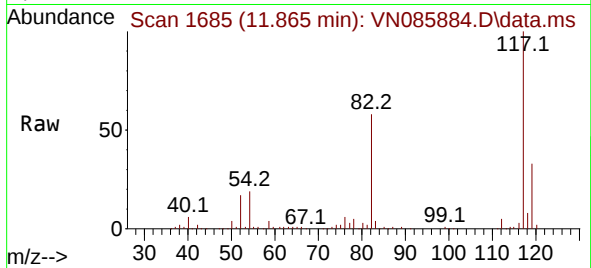




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. 0.006 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

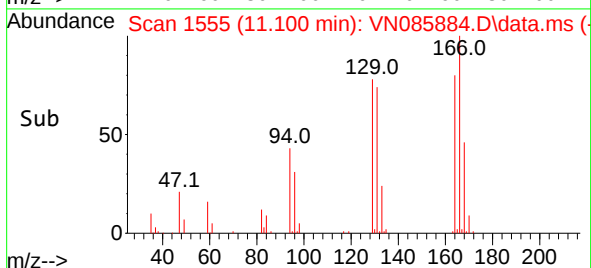
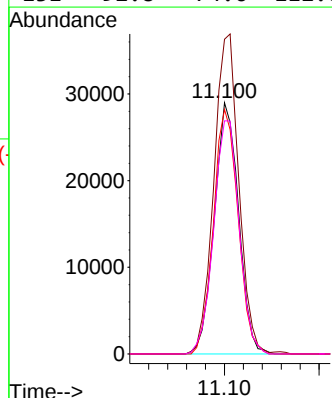
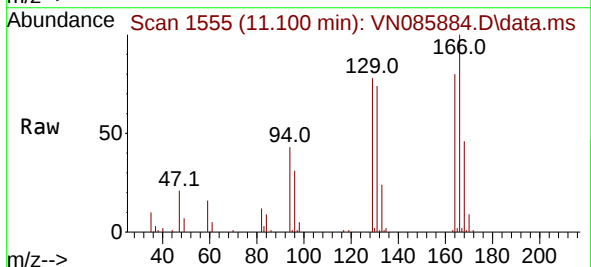
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBSD01

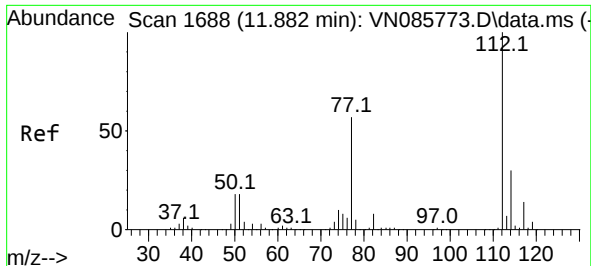
Tgt Ion:117 Resp: 334047  
Ion Ratio Lower Upper  
117 100  
82 57.8 45.7 68.5  
119 32.5 26.2 39.2



#64  
Tetrachloroethene  
Concen: 19.977 ug/l  
RT: 11.100 min Scan# 1555  
Delta R.T. 0.000 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

Tgt Ion:164 Resp: 51698  
Ion Ratio Lower Upper  
164 100  
166 125.3 107.2 160.8  
129 97.3 80.7 121.1  
131 92.8 74.6 112.0

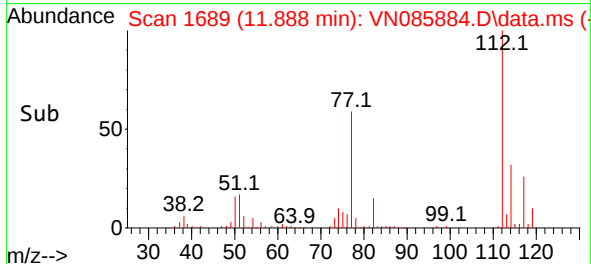
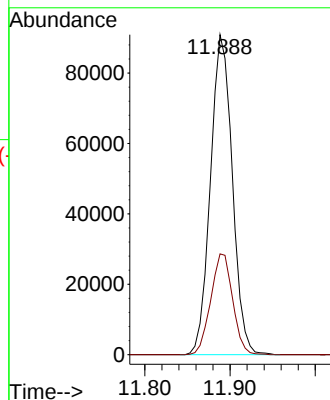
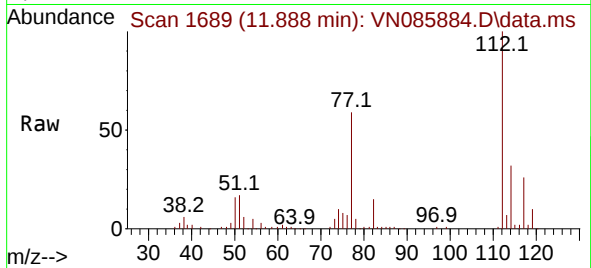




#65  
Chlorobenzene  
Concen: 21.152 ug/l  
RT: 11.888 min Scan# 1118  
Delta R.T. 0.006 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

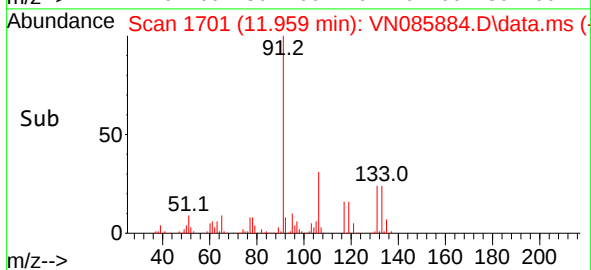
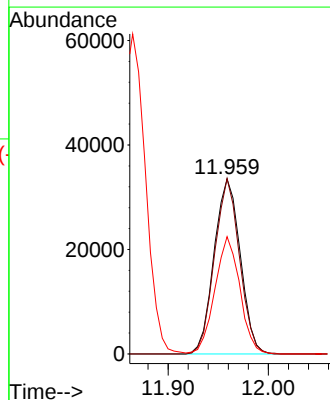
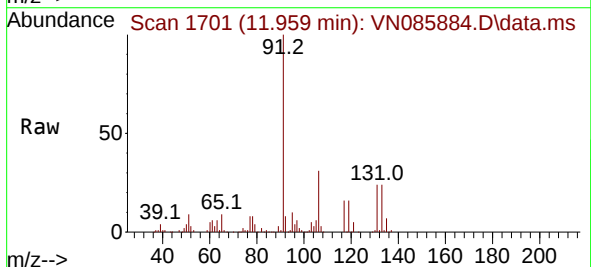
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBSD01

Tgt Ion:112 Resp: 161865  
Ion Ratio Lower Upper  
112 100  
114 31.5 24.3 36.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 22.104 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

Tgt Ion:131 Resp: 60800  
Ion Ratio Lower Upper  
131 100  
133 95.4 47.7 143.1  
119 63.8 33.3 99.8

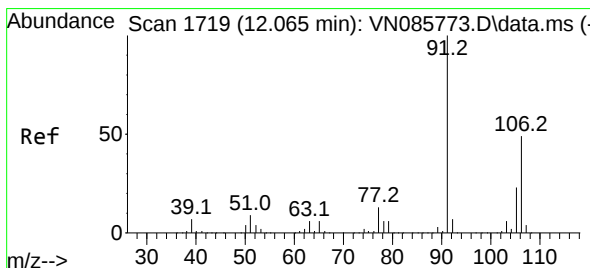
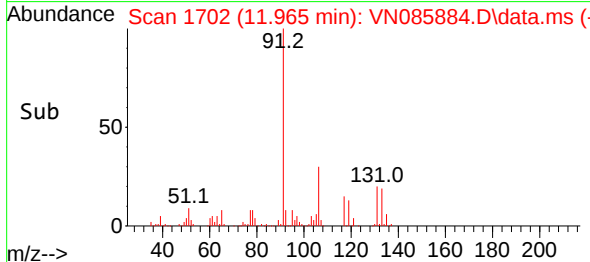
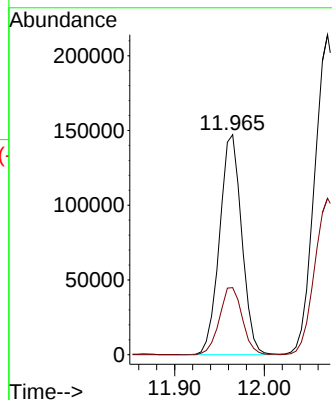
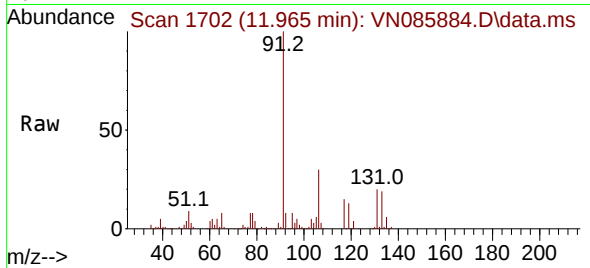




#67  
Ethyl Benzene  
Concen: 21.066 ug/l  
RT: 11.965 min Scan# 1701  
Delta R.T. 0.006 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

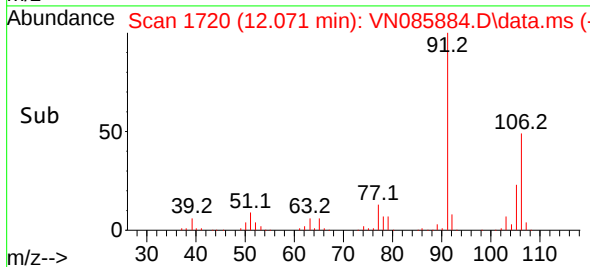
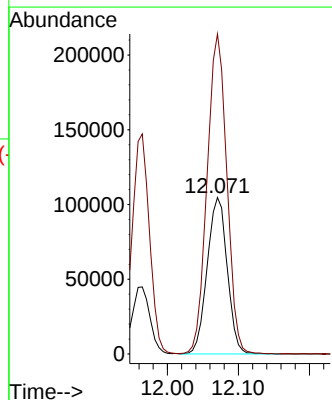
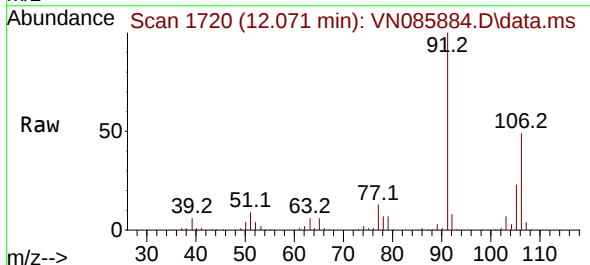
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBSD01

Tgt Ion: 91 Resp: 252524  
Ion Ratio Lower Upper  
91 100  
106 30.5 24.7 37.1



#68  
m/p-Xylenes  
Concen: 45.030 ug/l  
RT: 12.071 min Scan# 1720  
Delta R.T. 0.006 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

Tgt Ion:106 Resp: 205037  
Ion Ratio Lower Upper  
106 100  
91 201.9 163.3 244.9

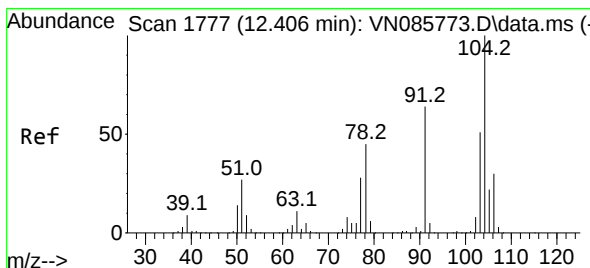
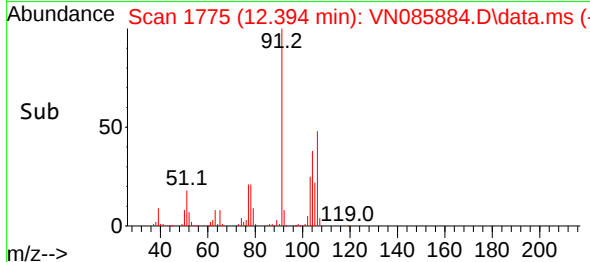
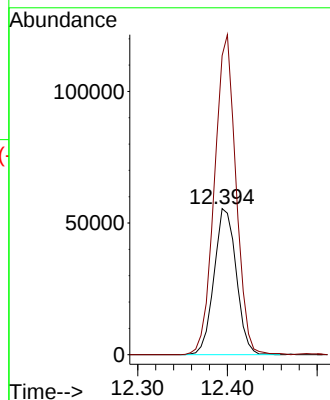
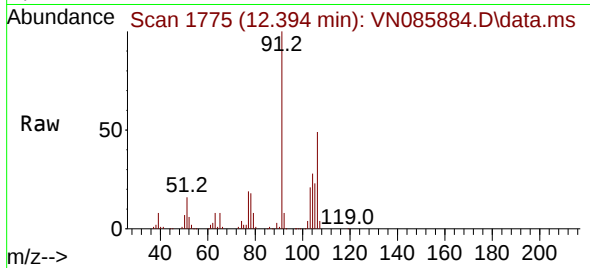




#69  
o-Xylene  
Concen: 22.056 ug/l  
RT: 12.394 min Scan# 1775  
Delta R.T. 0.000 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

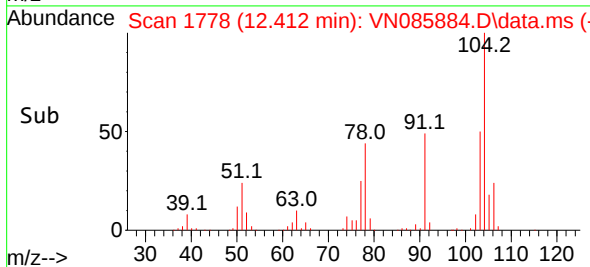
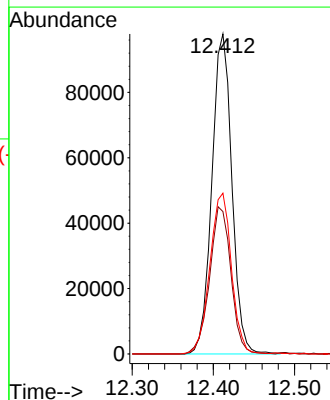
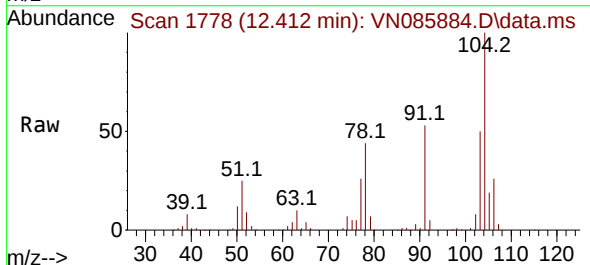
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBSD01

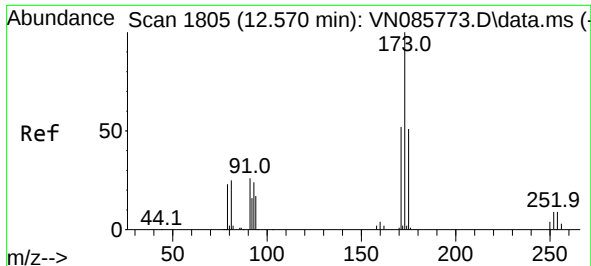
Tgt Ion:106 Resp: 95435  
Ion Ratio Lower Upper  
106 100  
91 212.0 107.1 321.4



#70  
Styrene  
Concen: 22.298 ug/l  
RT: 12.412 min Scan# 1778  
Delta R.T. 0.006 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

Tgt Ion:104 Resp: 167610  
Ion Ratio Lower Upper  
104 100  
78 48.9 39.0 58.6  
103 54.3 43.3 64.9

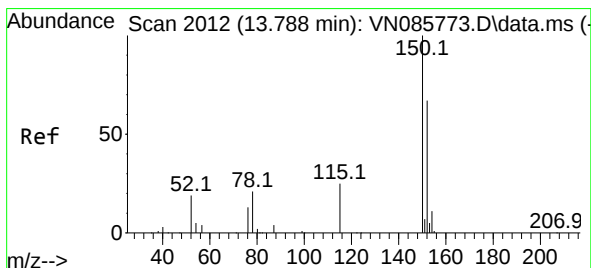
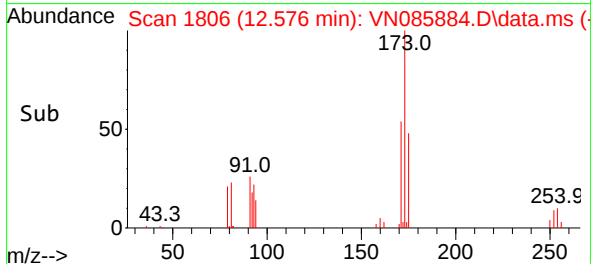
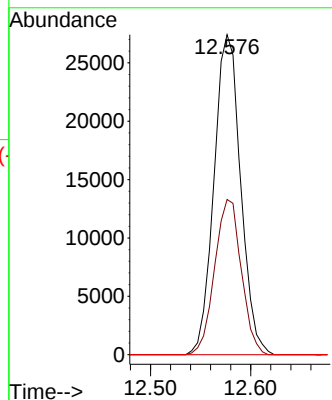
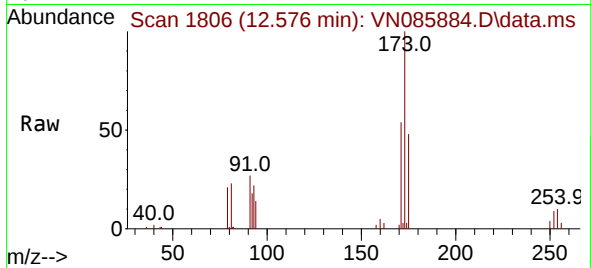




#71  
Bromoform  
Concen: 24.741 ug/l  
RT: 12.576 min Scan# 1806  
Delta R.T. 0.006 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

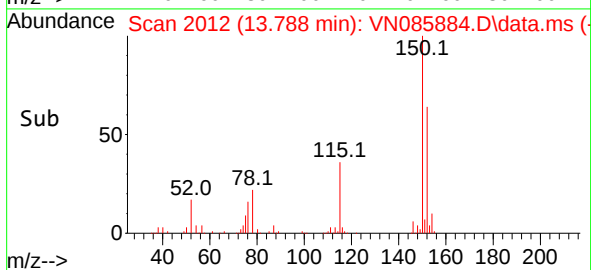
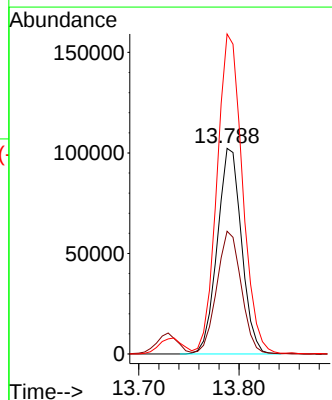
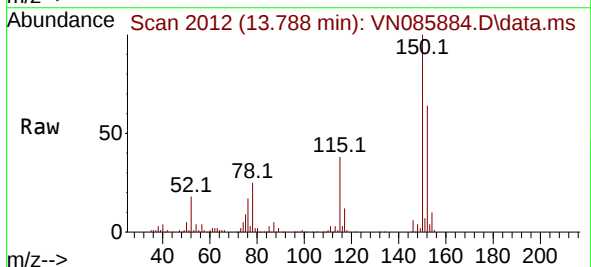
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBSD01

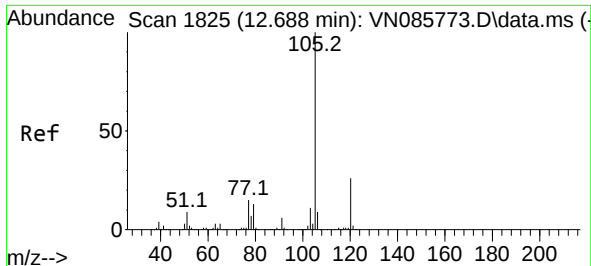
Tgt Ion:173 Resp: 50566  
Ion Ratio Lower Upper  
173 100  
175 48.5 25.1 75.4  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.788 min Scan# 2012  
Delta R.T. 0.000 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

Tgt Ion:152 Resp: 171814  
Ion Ratio Lower Upper  
152 100  
115 60.4 30.4 91.3  
150 163.8 0.0 345.4

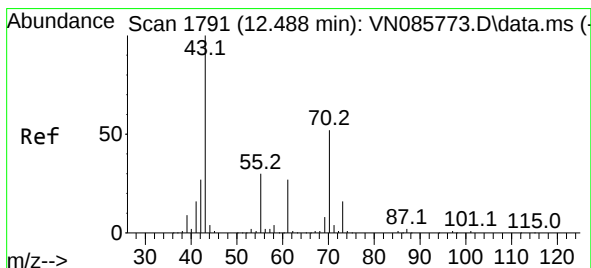
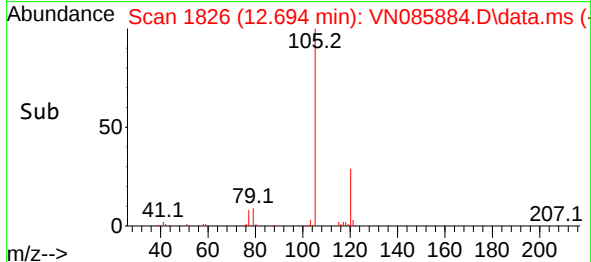
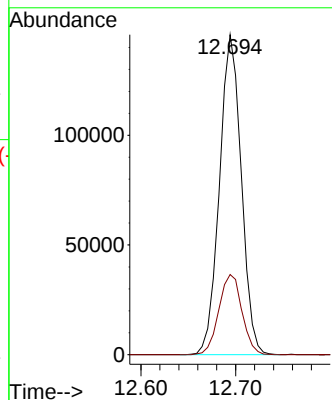
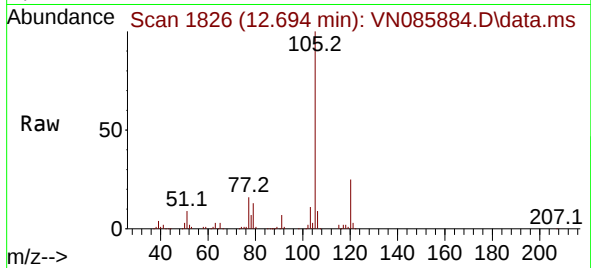




#73  
Isopropylbenzene  
Concen: 19.842 ug/l  
RT: 12.694 min Scan# 1826  
Delta R.T. 0.006 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

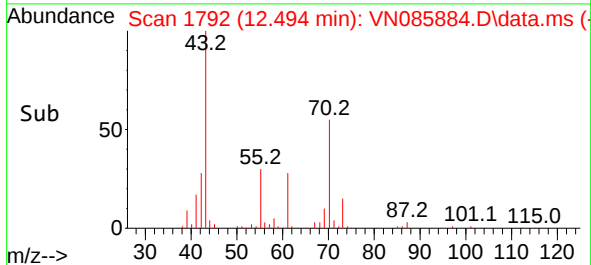
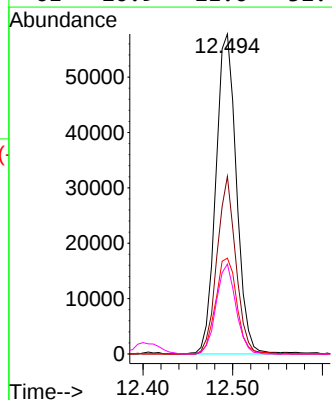
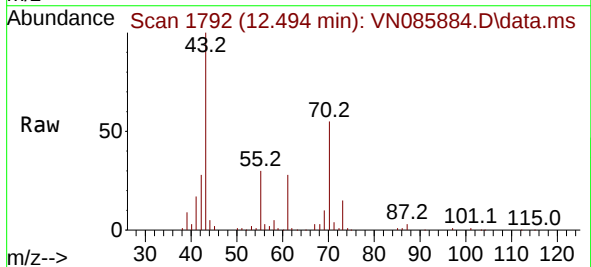
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBSD01

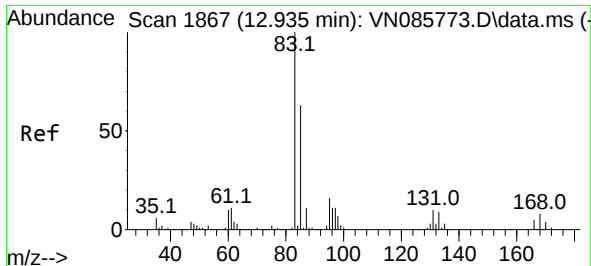
Tgt Ion:105 Resp: 233557  
Ion Ratio Lower Upper  
105 100  
120 26.5 13.0 39.0



#74  
N-ethyl acetate  
Concen: 22.159 ug/l  
RT: 12.494 min Scan# 1792  
Delta R.T. 0.006 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

Tgt Ion: 43 Resp: 91979  
Ion Ratio Lower Upper  
43 100  
70 50.6 41.0 61.4  
55 30.8 24.6 36.8  
61 26.9 21.6 32.4

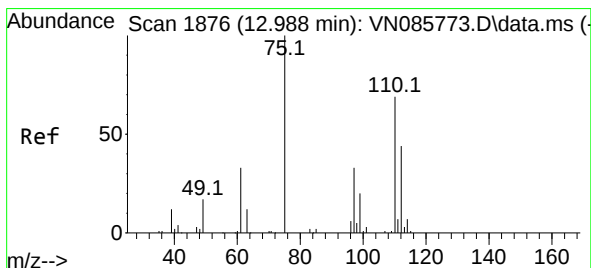
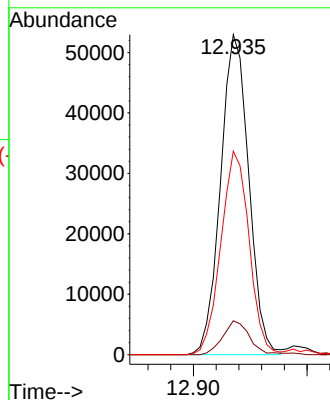
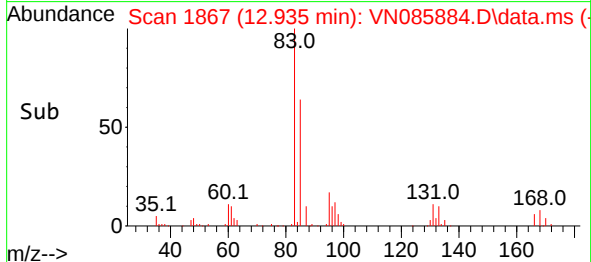
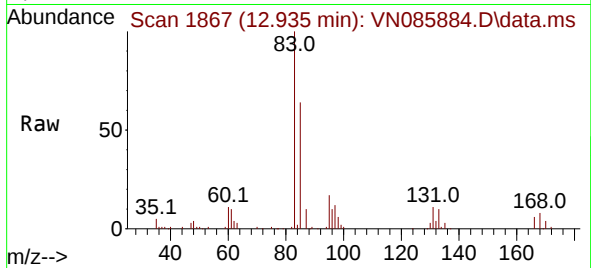




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 22.547 ug/l  
 RT: 12.935 min Scan# 1867  
 Delta R.T. 0.000 min  
 Lab File: VN085884.D  
 Acq: 27 Feb 2025 12:51

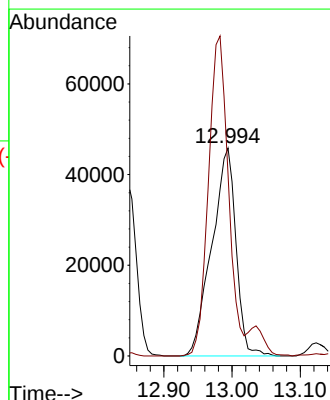
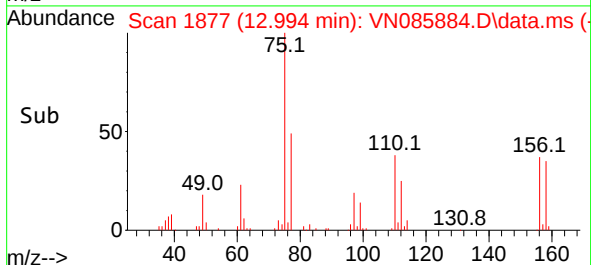
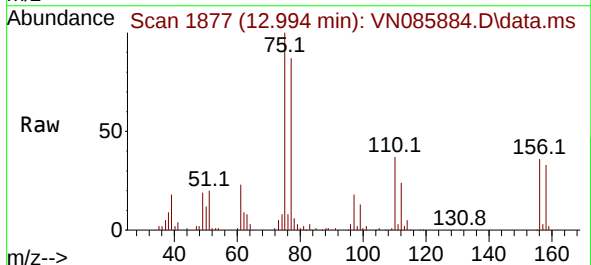
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0227WBSD01

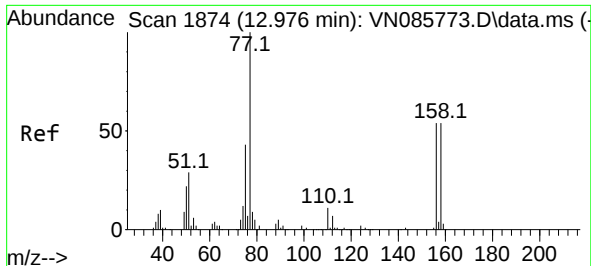
Tgt Ion: 83 Resp: 91325  
 Ion Ratio Lower Upper  
 83 100  
 131 10.2 5.0 15.0  
 85 63.6 32.2 96.6



#76  
 1,2,3-Trichloropropane  
 Concen: 29.573 ug/l  
 RT: 12.994 min Scan# 1877  
 Delta R.T. 0.006 min  
 Lab File: VN085884.D  
 Acq: 27 Feb 2025 12:51

Tgt Ion: 75 Resp: 112868  
 Ion Ratio Lower Upper  
 75 100  
 77 127.1 100.0 300.0

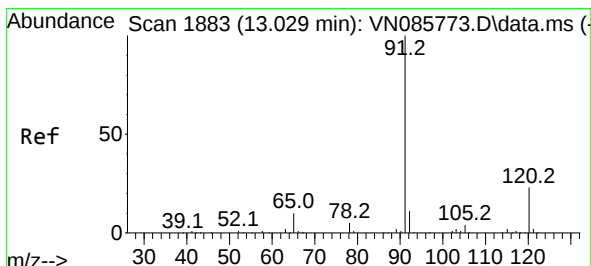
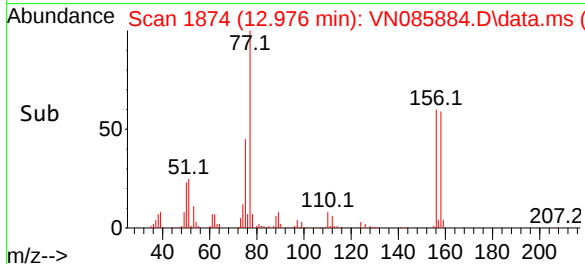
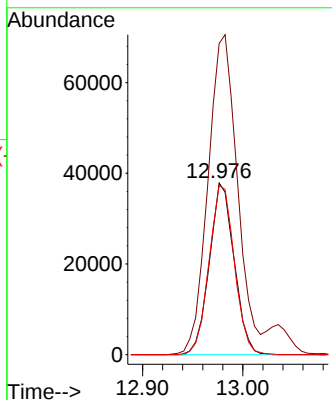
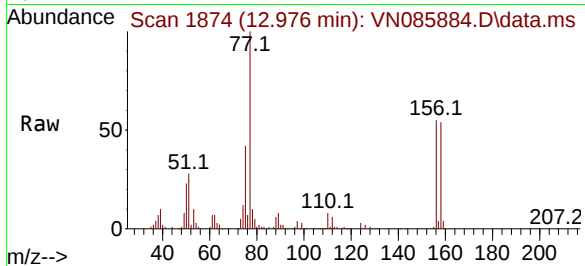




#77  
Bromobenzene  
Concen: 20.440 ug/l  
RT: 12.976 min Scan# 1874  
Delta R.T. 0.000 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

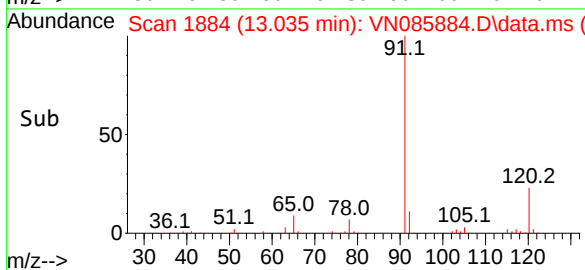
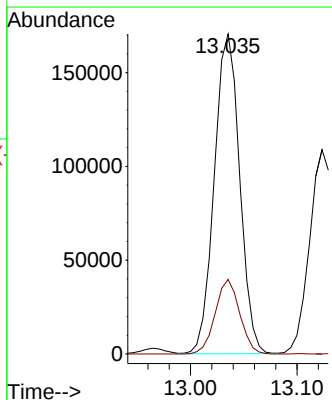
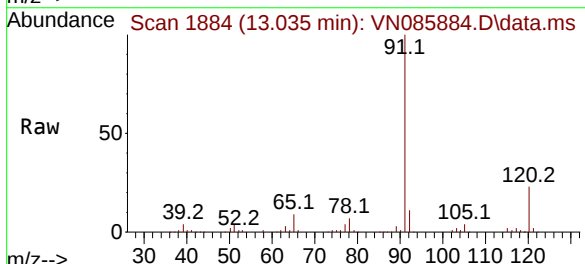
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBSD01

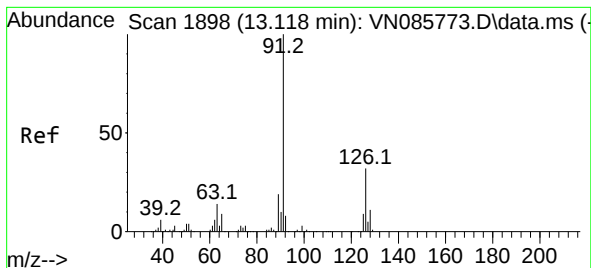
Tgt Ion:156 Resp: 65002  
Ion Ratio Lower Upper  
156 100  
77 220.7 104.1 312.3  
158 100.5 48.1 144.4



#78  
n-propylbenzene  
Concen: 20.913 ug/l  
RT: 13.035 min Scan# 1884  
Delta R.T. 0.006 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

Tgt Ion: 91 Resp: 281914  
Ion Ratio Lower Upper  
91 100  
120 22.4 11.3 33.8





#79

2-Chlorotoluene

Concen: 20.370 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VN085884.D

Acq: 27 Feb 2025 12:51

Instrument :

MSVOA\_N

ClientSampleId :

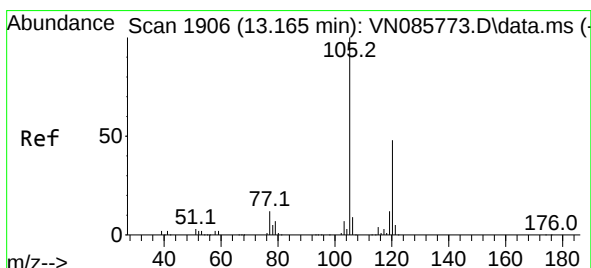
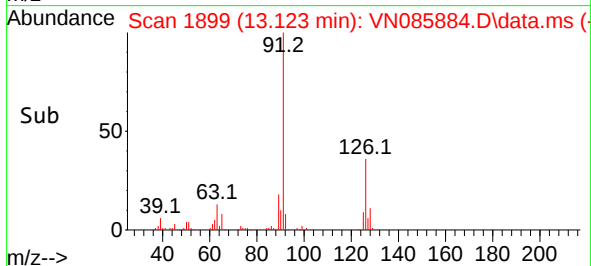
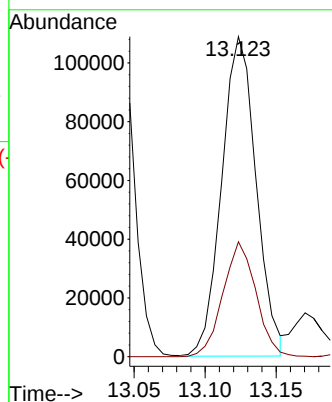
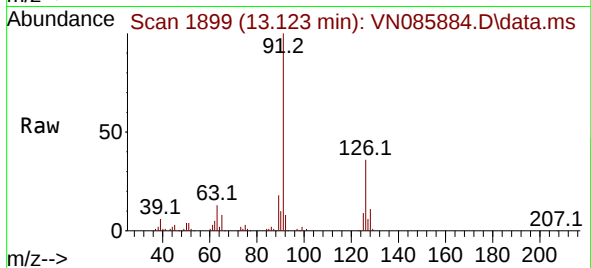
VN0227WBSD01

Tgt Ion: 91 Resp: 183470

Ion Ratio Lower Upper

91 100

126 34.5 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 21.685 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VN085884.D

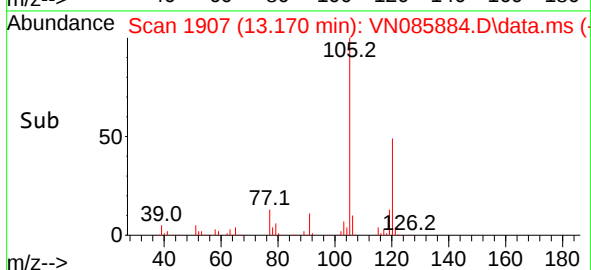
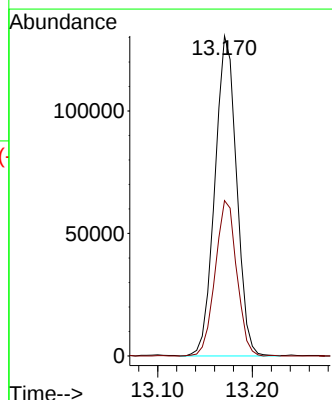
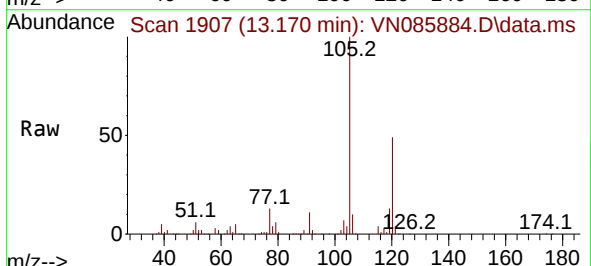
Acq: 27 Feb 2025 12:51

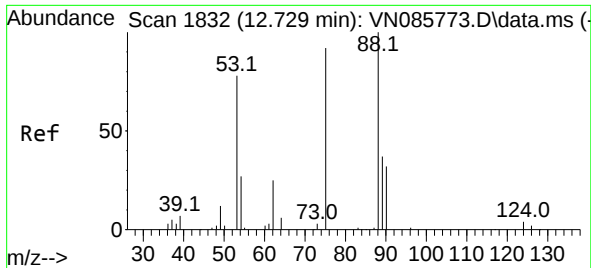
Tgt Ion: 105 Resp: 207931

Ion Ratio Lower Upper

105 100

120 48.2 24.3 72.9

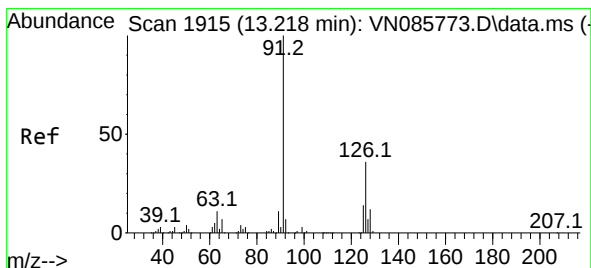
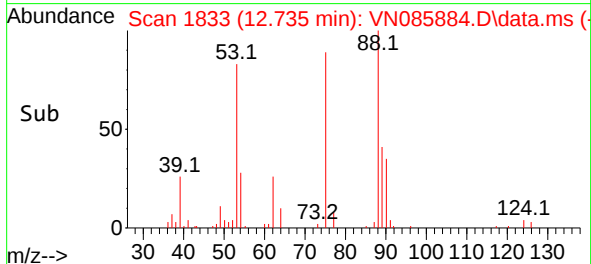
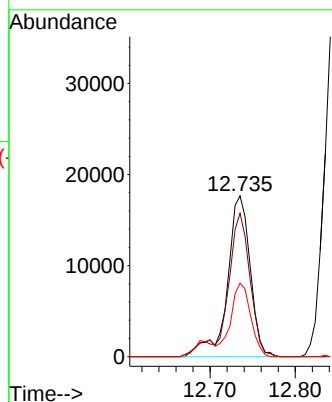
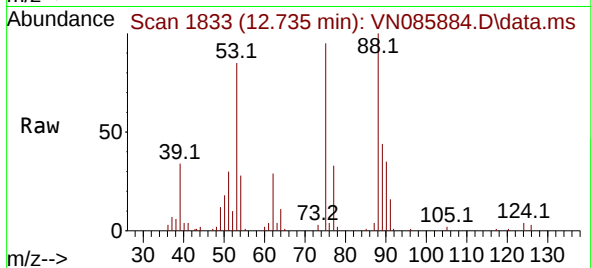




#81  
trans-1,4-Dichloro-2-butene  
Concen: 25.132 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. 0.006 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

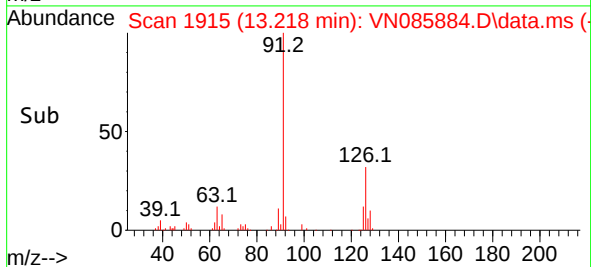
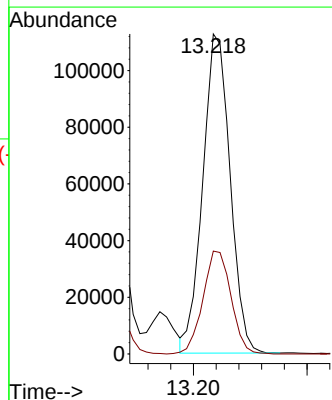
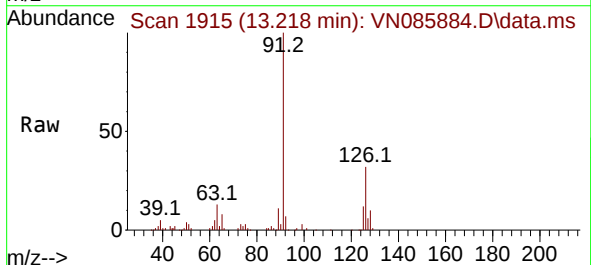
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBSD01

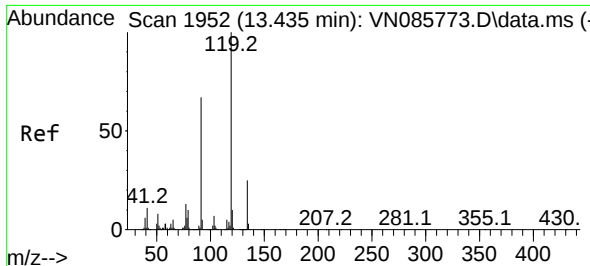
Tgt Ion: 75 Resp: 32874  
Ion Ratio Lower Upper  
75 100  
53 80.2 74.2 111.4  
89 40.5 34.9 52.3



#82  
4-Chlorotoluene  
Concen: 21.083 ug/l  
RT: 13.218 min Scan# 1915  
Delta R.T. 0.000 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

Tgt Ion: 91 Resp: 188247  
Ion Ratio Lower Upper  
91 100  
126 33.1 16.4 49.4

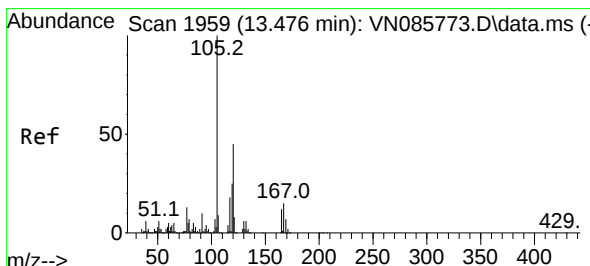
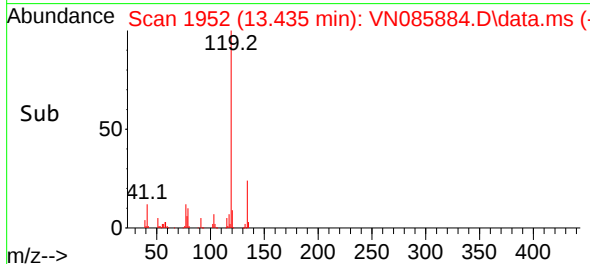
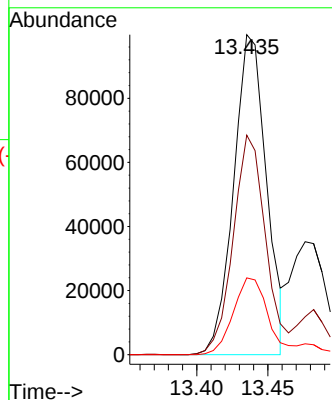
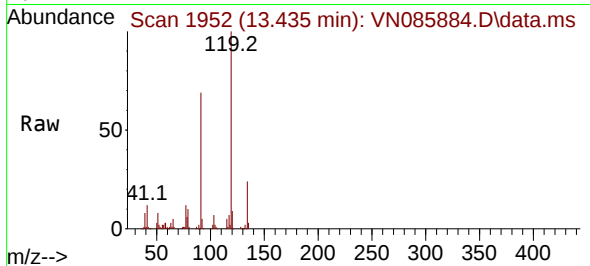




#83  
 tert-Butylbenzene  
 Concen: 19.917 ug/l  
 RT: 13.435 min Scan# 1952  
 Delta R.T. 0.000 min  
 Lab File: VN085884.D  
 Acq: 27 Feb 2025 12:51

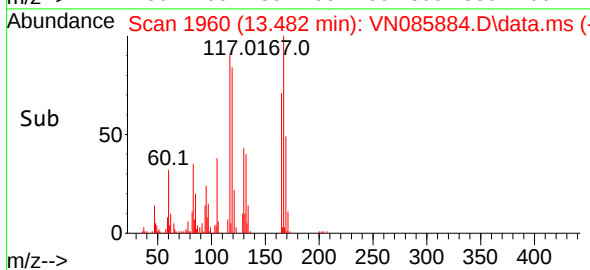
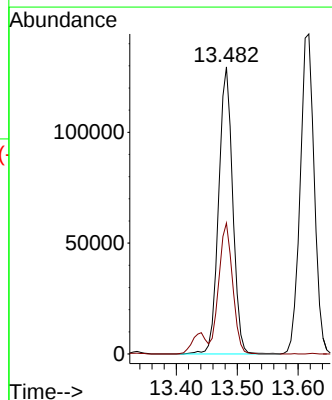
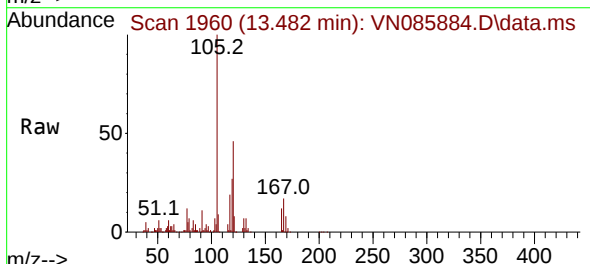
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0227WBSD01

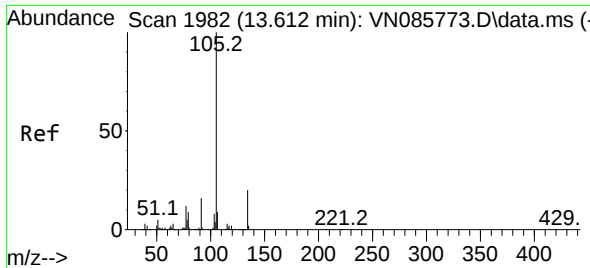
Tgt Ion:119 Resp: 160596  
 Ion Ratio Lower Upper  
 119 100  
 91 67.9 32.5 97.5  
 134 25.6 13.3 39.9



#84  
 1,2,4-Trimethylbenzene  
 Concen: 21.807 ug/l  
 RT: 13.482 min Scan# 1960  
 Delta R.T. 0.006 min  
 Lab File: VN085884.D  
 Acq: 27 Feb 2025 12:51

Tgt Ion:105 Resp: 206876  
 Ion Ratio Lower Upper  
 105 100  
 120 45.0 22.4 67.3

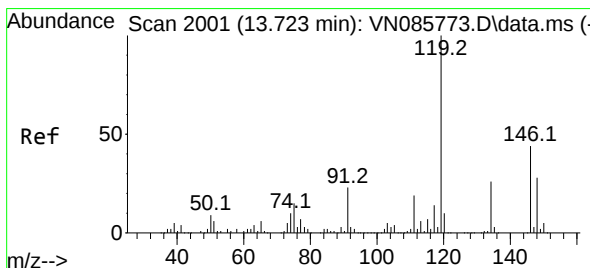
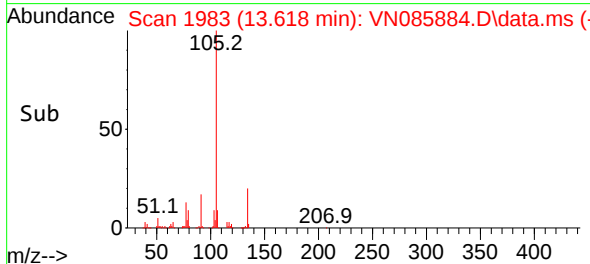
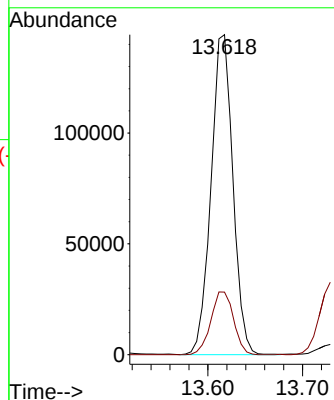
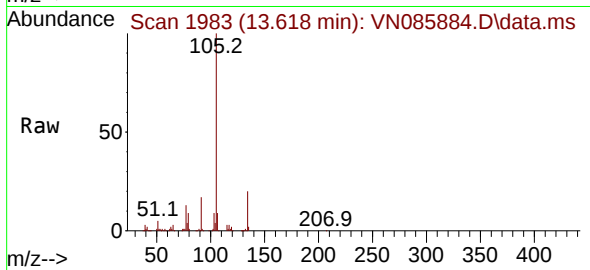




#85  
 sec-Butylbenzene  
 Concen: 20.312 ug/l  
 RT: 13.618 min Scan# 1982  
 Delta R.T. 0.005 min  
 Lab File: VN085884.D  
 Acq: 27 Feb 2025 12:51

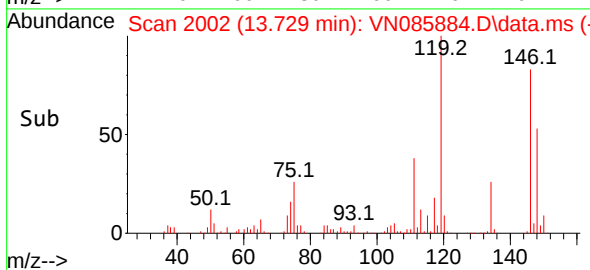
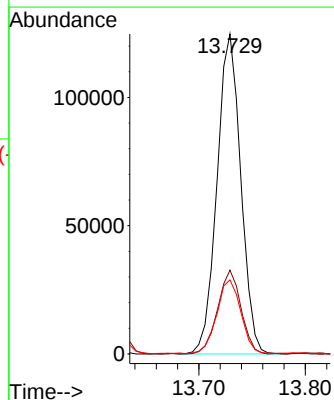
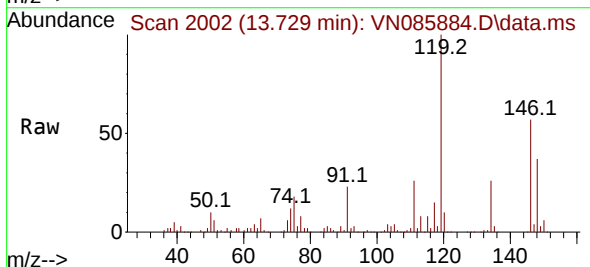
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0227WBSD01

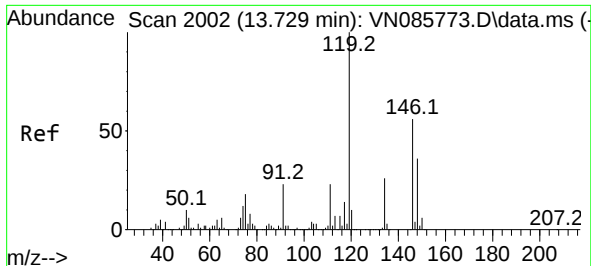
Tgt Ion:105 Resp: 231402  
 Ion Ratio Lower Upper  
 105 100  
 134 20.4 9.8 29.4



#86  
 p-Isopropyltoluene  
 Concen: 19.816 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. 0.006 min  
 Lab File: VN085884.D  
 Acq: 27 Feb 2025 12:51

Tgt Ion:119 Resp: 193157  
 Ion Ratio Lower Upper  
 119 100  
 134 25.7 13.0 39.0  
 91 23.4 11.7 35.1





#87

1,3-Dichlorobenzene

Concen: 20.450 ug/l

RT: 13.735 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VN085884.D

Acq: 27 Feb 2025 12:51

Instrument :

MSVOA\_N

ClientSampleId :

VN0227WBSD01

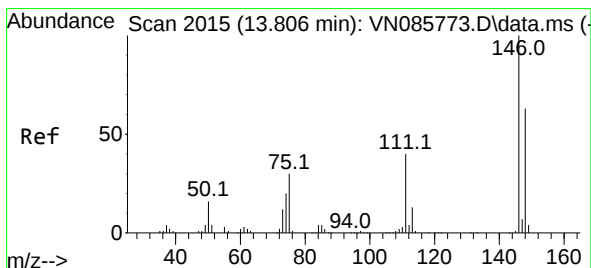
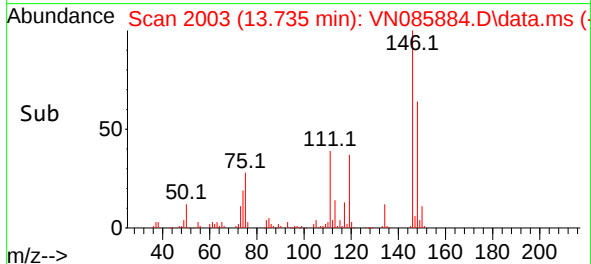
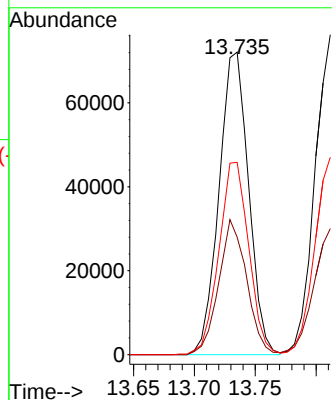
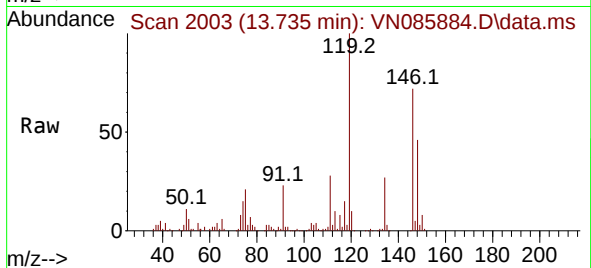
Tgt Ion:146 Resp: 121843

Ion Ratio Lower Upper

146 100

111 42.2 21.1 63.3

148 64.4 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 20.438 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.006 min

Lab File: VN085884.D

Acq: 27 Feb 2025 12:51

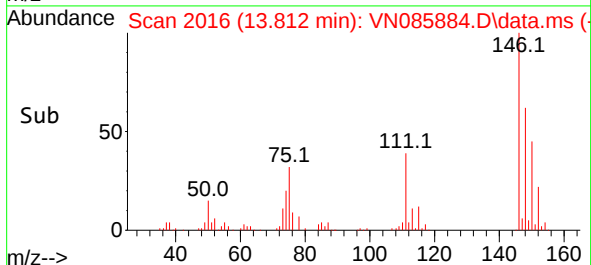
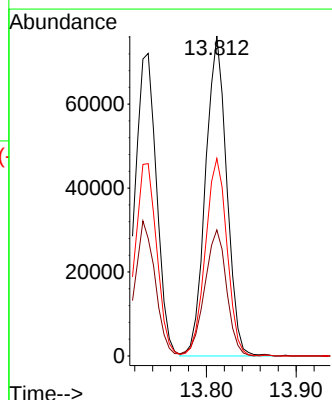
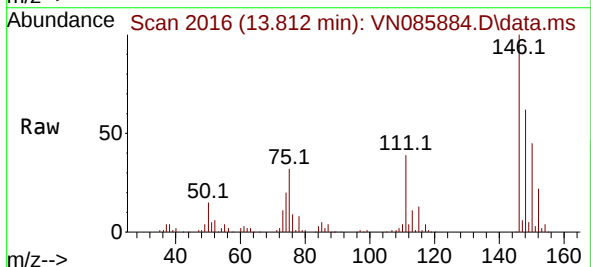
Tgt Ion:146 Resp: 124808

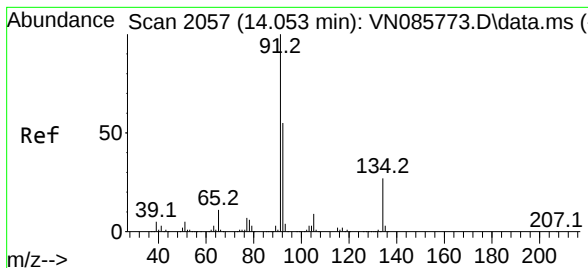
Ion Ratio Lower Upper

146 100

111 40.8 20.4 61.3

148 62.9 31.8 95.4





#89

n-Butylbenzene

Concen: 18.425 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN085884.D

Acq: 27 Feb 2025 12:51

Instrument :

MSVOA\_N

ClientSampleId :

VN0227WBSD01

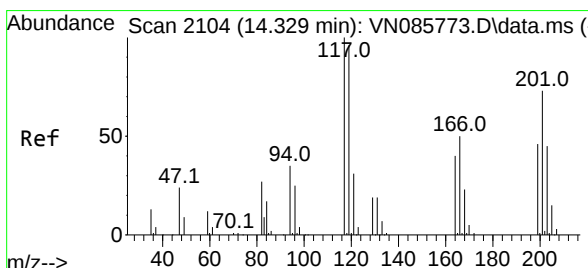
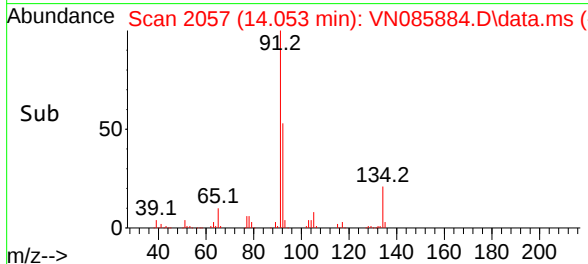
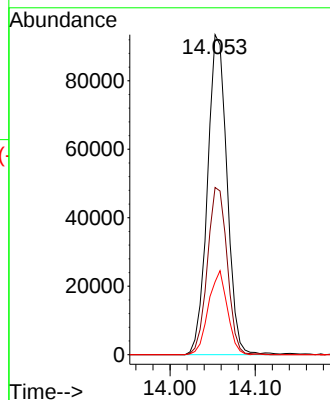
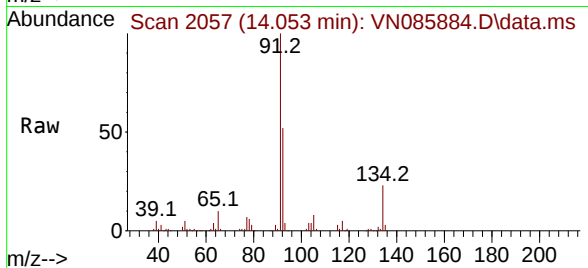
Tgt Ion: 91 Resp: 149026

Ion Ratio Lower Upper

91 100

92 52.8 27.1 81.3

134 25.4 12.7 38.1



#90

Hexachloroethane

Concen: 19.536 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.006 min

Lab File: VN085884.D

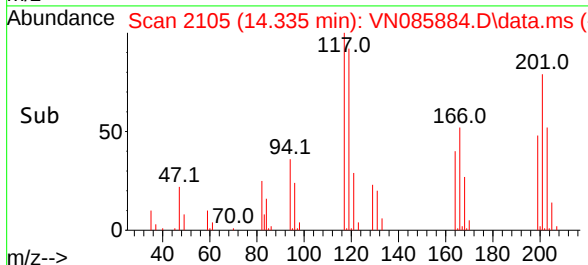
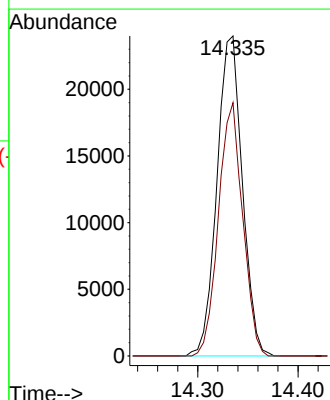
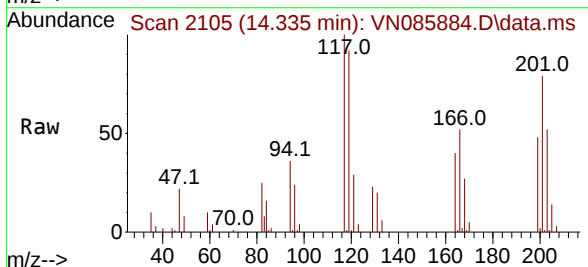
Acq: 27 Feb 2025 12:51

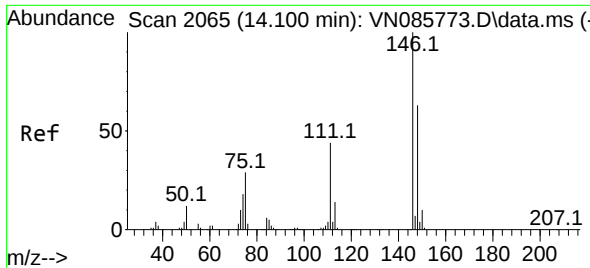
Tgt Ion: 117 Resp: 42150

Ion Ratio Lower Upper

117 100

201 75.3 35.6 106.9

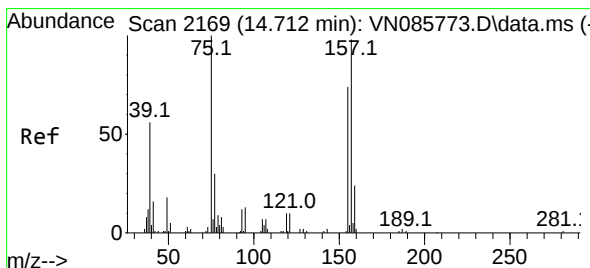
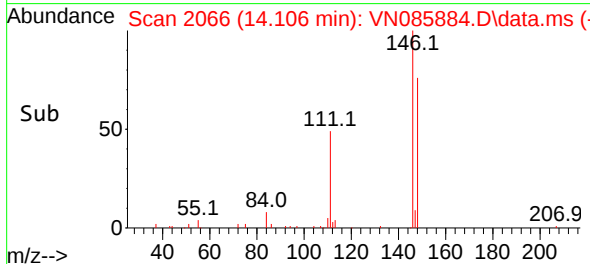
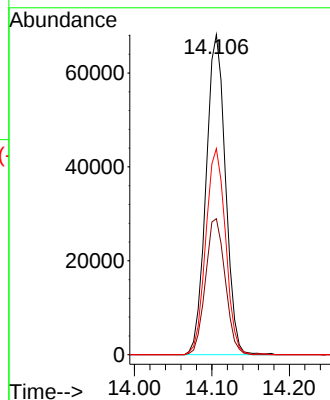
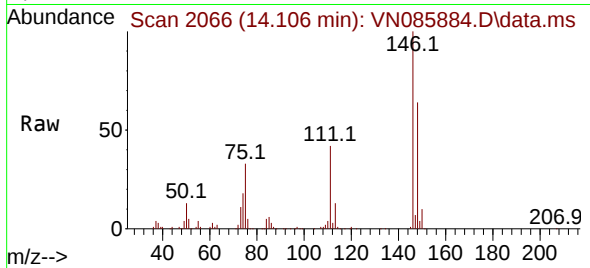




#91  
1,2-Dichlorobenzene  
Concen: 20.701 ug/l  
RT: 14.106 min Scan# 2065  
Delta R.T. 0.006 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

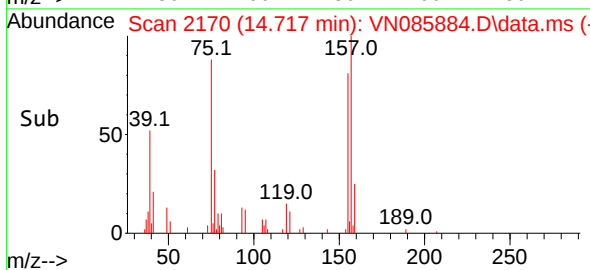
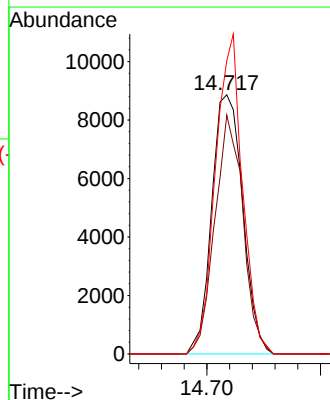
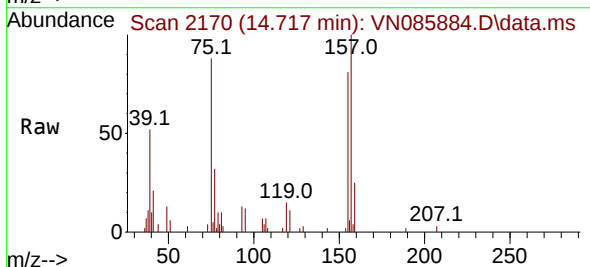
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBSD01

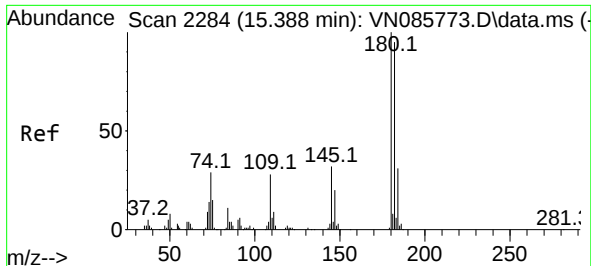
Tgt Ion:146 Resp: 118607  
Ion Ratio Lower Upper  
146 100  
111 43.1 21.4 64.3  
148 65.5 32.0 96.2



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 22.602 ug/l  
RT: 14.717 min Scan# 2170  
Delta R.T. 0.006 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

Tgt Ion: 75 Resp: 16811  
Ion Ratio Lower Upper  
75 100  
155 83.5 39.9 119.6  
157 107.6 49.9 149.7

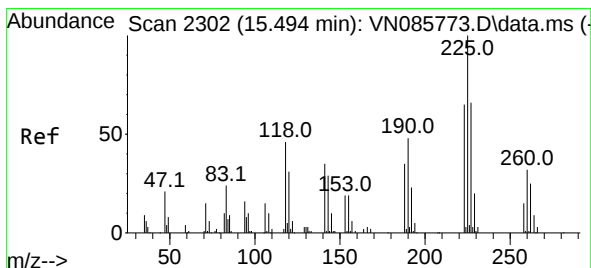
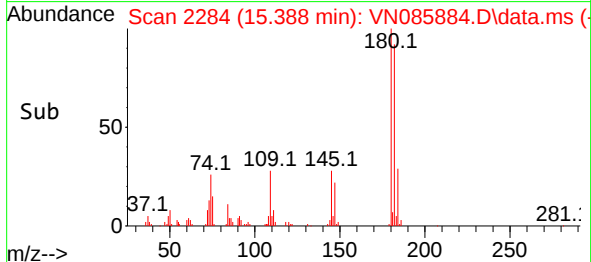
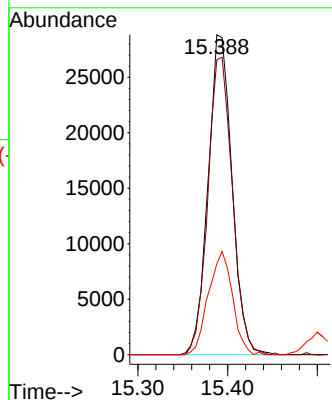
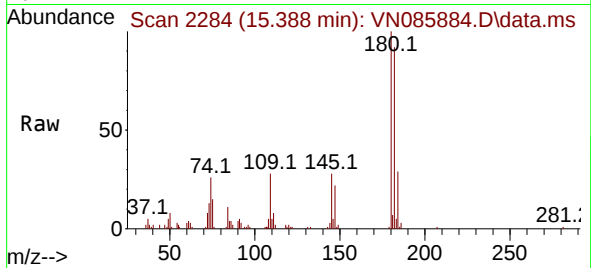




#93  
1,2,4-Trichlorobenzene  
Concen: 19.542 ug/l  
RT: 15.388 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

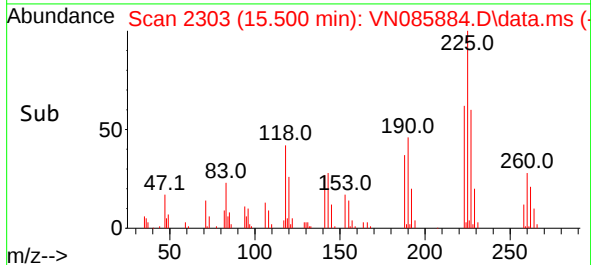
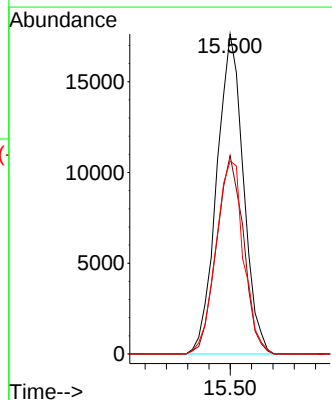
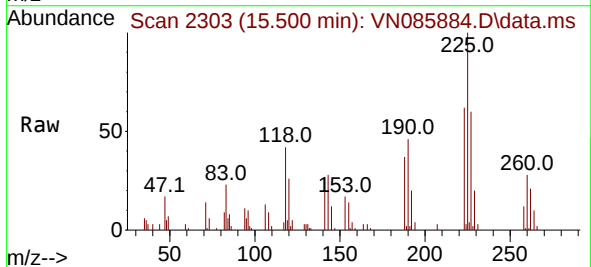
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBSD01

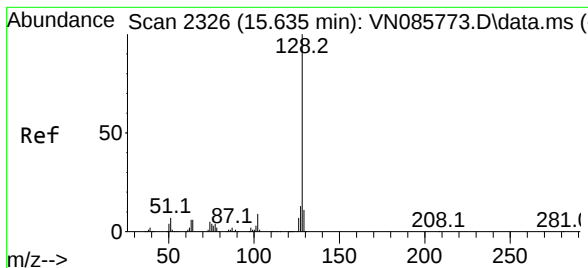
Tgt Ion:180 Resp: 53352  
Ion Ratio Lower Upper  
180 100  
182 95.1 47.3 141.9  
145 32.6 16.2 48.5



#94  
Hexachlorobutadiene  
Concen: 18.453 ug/l  
RT: 15.500 min Scan# 2303  
Delta R.T. 0.006 min  
Lab File: VN085884.D  
Acq: 27 Feb 2025 12:51

Tgt Ion:225 Resp: 30618  
Ion Ratio Lower Upper  
225 100  
223 62.7 31.9 95.5  
227 62.9 32.2 96.6





#95

Naphthalene

Concen: 20.446 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN085884.D

Acq: 27 Feb 2025 12:51

Instrument :

MSVOA\_N

ClientSampleId :

VN0227WBSD01

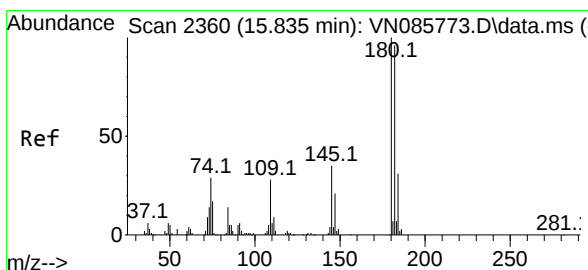
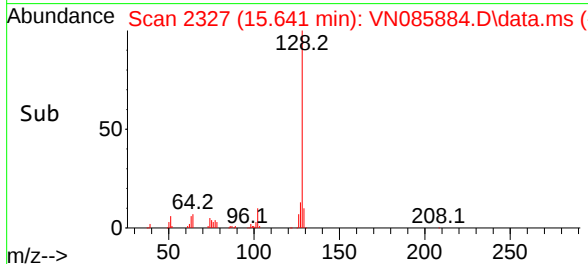
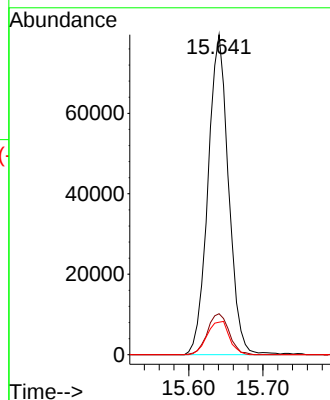
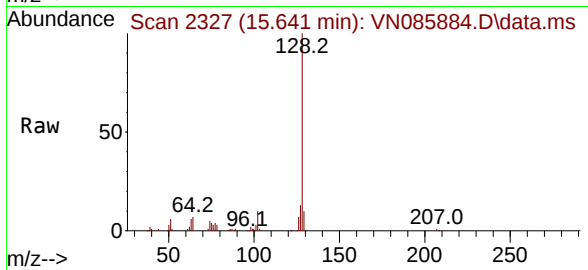
Tgt Ion:128 Resp: 153248

Ion Ratio Lower Upper

128 100

127 13.6 10.2 15.2

129 11.2 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 19.884 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN085884.D

Acq: 27 Feb 2025 12:51

Tgt Ion:180 Resp: 54499

Ion Ratio Lower Upper

180 100

182 96.5 47.3 141.8

145 33.5 16.9 50.6

