

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN102325\  
 Data File : VN088084.D  
 Acq On : 23 Oct 2025 12:23  
 Operator : JC\MD  
 Sample : IBLK  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 IBLK

Quant Time: Oct 24 03:18:38 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N102325W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Oct 24 03:16:47 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.212  | 168  | 206120   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.083  | 114  | 460030   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.847 | 117  | 434340   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.771 | 152  | 205575   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.565  | 65    | 192199   | 53.924   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 107.840% |      |
| 35) Dibromofluoromethane    | 8.147  | 113   | 157545   | 50.977   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 101.960% |      |
| 50) Toluene-d8              | 10.547 | 98    | 584307   | 49.067   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 98.140%  |      |
| 62) 4-Bromofluorobenzene    | 12.829 | 95    | 219099   | 52.098   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | = 104.200% |      |

|                              |        |     |       |         |        |     |
|------------------------------|--------|-----|-------|---------|--------|-----|
| Target Compounds             |        |     |       | Qvalue  |        |     |
| 2) Dichlorodifluoromethane   | 2.142  | 85  | 1321  | 0.568   | ug/l   | 92  |
| 3) Chloromethane             | 2.389  | 50  | 1207  | 0.441   | ug/l # | 86  |
| 4) Vinyl Chloride            | 2.548  | 62  | 1545  | 0.518   | ug/l   | 97  |
| 5) Bromomethane              | 2.989  | 94  | 3104  | 1.741   | ug/l   | 96  |
| 7) Trichlorofluoromethane    | 3.518  | 101 | 2226  | 0.468   | ug/l # | 74  |
| 9) 1,1,2-Trichlorotrifluo... | 4.377  | 101 | 1932  | 0.788   | ug/l # | 33  |
| 10) Methyl Iodide            | 4.577  | 142 | 850   | 4.533   | ug/l # | 77  |
| 11) Tert butyl alcohol       | 5.512  | 59  | 4030  | 6.563   | ug/l # | 75  |
| 12) 1,1-Dichloroethene       | 4.324  | 96  | 1425  | 0.550   | ug/l # | 22  |
| 13) Acrolein                 | 4.183  | 56  | 3632  | 5.259   | ug/l # | 81  |
| 14) Allyl chloride           | 5.012  | 41  | 1529  | 0.337   | ug/l # | 68  |
| 15) Acrylonitrile            | 5.706  | 53  | 5878  | 3.514   | ug/l # | 87  |
| 16) Acetone                  | 4.424  | 43  | 4549  | 2.540   | ug/l # | 88  |
| 17) Carbon Disulfide         | 4.712  | 76  | 14768 | 1.875   | ug/l   | 100 |
| 18) Methyl Acetate           | 5.018  | 43  | 3083  | 0.841   | ug/l   | 94  |
| 20) Methylene Chloride       | 5.248  | 84  | 1911  | 1.448   | ug/l   | 86  |
| 21) trans-1,2-Dichloroethene | 5.783  | 96  | 2153  | 0.757   | ug/l # | 67  |
| 23) Vinyl Acetate            | 6.589  | 43  | 5575  | 0.648   | ug/l # | 72  |
| 24) 1,1-Dichloroethane       | 6.559  | 63  | 1319  | 0.249   | ug/l # | 82  |
| 25) 2-Butanone               | 7.483  | 43  | 5221  | 2.212   | ug/l # | 89  |
| 27) cis-1,2-Dichloroethene   | 7.477  | 96  | 1944  | 0.594   | ug/l   | 65  |
| 28) Bromochloromethane       | 7.789  | 49  | 1036  | 0.414   | ug/l # | 58  |
| 29) Tetrahydrofuran          | 7.836  | 42  | 3211  | 2.088   | ug/l # | 78  |
| 30) Chloroform               | 7.959  | 83  | 1477  | 0.279   | ug/l # | 62  |
| 31) Cyclohexane              | 8.218  | 56  | 8649  | 1.734   | ug/l # | 21  |
| 32) 1,1,1-Trichloroethane    | 8.141  | 97  | 1170  | 0.249   | ug/l # | 40  |
| 36) 1,1-Dichloropropene      | 8.353  | 75  | 2556  | 0.566   | ug/l # | 64  |
| 38) Carbon Tetrachloride     | 8.341  | 117 | 1370  | 0.294   | ug/l # | 56  |
| 39) Methylcyclohexane        | 9.577  | 83  | 4130  | 0.712   | ug/l # | 88  |
| 40) Benzene                  | 8.583  | 78  | 3101  | 0.226   | ug/l   | 95  |
| 42) 1,2-Dichloroethane       | 8.653  | 62  | 1892  | 0.387   | ug/l # | 76  |
| 44) Trichloroethene          | 9.324  | 130 | 1496  | 0.466   | ug/l   | 55  |
| 46) Dibromomethane           | 9.688  | 93  | 1115  | 0.451   | ug/l # | 72  |
| 48) Methyl methacrylate      | 9.677  | 41  | 1320  | 0.320   | ug/l # | 78  |
| 49) 1,4-Dioxane              | 9.677  | 88  | 9323  | 181.447 | ug/l # | 99  |
| 51) 4-Methyl-2-Pentanone     | 10.435 | 43  | 5651  | 1.068   | ug/l   | 96  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN102325\  
 Data File : VN088084.D  
 Acq On : 23 Oct 2025 12:23  
 Operator : JC\MD  
 Sample : IBLK  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 IBLK

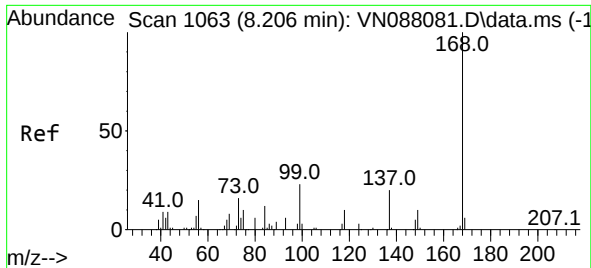
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N102325W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Oct 24 03:16:47 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc      | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|--------|----------|
| -----                         |        |      |          |           |        |          |
| 52) Toluene                   | 10.612 | 92   | 2350     | 0.277     | ug/l   | 85       |
| 53) t-1,3-Dichloropropene     | 10.818 | 75   | 1740     | 0.330     | ug/l # | 84       |
| 54) cis-1,3-Dichloropropene   | 10.288 | 75   | 1462     | 0.261     | ug/l # | 88       |
| 58) 2-Chloroethyl Vinyl ether | 10.141 | 63   | 2868     | 1.084     | ug/l # | 89       |
| 61) 1,2-Dibromoethane         | 11.447 | 107  | 728      | 0.220     | ug/l   | 97       |
| 64) Tetrachloroethene         | 11.077 | 164  | 1530     | 0.534     | ug/l # | 72       |
| 65) Chlorobenzene             | 11.877 | 112  | 3727     | 0.378     | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.947 | 91   | 6098     | 0.352     | ug/l   | 96       |
| 68) m/p-Xylenes               | 12.053 | 106  | 4943     | 0.762     | ug/l   | 92       |
| 69) o-Xylene                  | 12.376 | 106  | 1939     | 0.315     | ug/l   | 92       |
| 71) Bromoform                 | 12.571 | 173  | 542      | 0.225     | ug/l # | 28       |
| 73) Isopropylbenzene          | 12.671 | 105  | 7358     | 0.464     | ug/l   | 93       |
| 74) N-amyl acetate            | 12.488 | 43   | 669      | Below Cal | #      | 51       |
| 75) 1,1,2,2-Tetrachloroethane | 12.923 | 83   | 1056     | 0.214     | ug/l # | 85       |
| 76) 1,2,3-Trichloropropane    | 12.829 | 75   | 117929   | 25.091    | ug/l # | 1        |
| 77) Bromobenzene              | 12.965 | 156  | 1075     | 0.314     | ug/l   | 51       |
| 78) n-propylbenzene           | 13.018 | 91   | 11990    | 0.620     | ug/l   | 95       |
| 79) 2-Chlorotoluene           | 13.100 | 91   | 5428     | 0.492     | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.153 | 105  | 7989     | 0.607     | ug/l   | 91       |
| 81) trans-1,4-Dichloro-2-b... | 12.829 | 75   | 117929   | 69.992    | ug/l # | 1        |
| 82) 4-Chlorotoluene           | 13.206 | 91   | 6659     | 0.558     | ug/l   | 91       |
| 83) tert-Butylbenzene         | 13.418 | 119  | 10881    | 0.925     | ug/l   | 90       |
| 84) 1,2,4-Trimethylbenzene    | 13.465 | 105  | 8133     | 0.617     | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.594 | 105  | 16192    | 0.937     | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.712 | 119  | 12283    | 0.886     | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 13.718 | 146  | 5651     | 0.828     | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.718 | 146  | 5651     | 0.771     | ug/l   | 100      |
| 89) n-Butylbenzene            | 14.035 | 91   | 16686    | 1.215     | ug/l   | 90       |
| 90) Hexachloroethane          | 14.312 | 117  | 2346     | 0.874     | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 14.088 | 146  | 5058     | 0.769     | ug/l   | 83       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.712 | 75   | 871      | 0.758     | ug/l # | 49       |
| 93) 1,2,4-Trichlorobenzene    | 15.365 | 180  | 6969     | 1.749     | ug/l   | 82       |
| 94) Hexachlorobutadiene       | 15.464 | 225  | 5319     | 3.585     | ug/l   | 96       |
| 95) Naphthalene               | 15.617 | 128  | 23641    | 1.732     | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.812 | 180  | 8295     | 2.171     | ug/l   | 94       |
| -----                         |        |      |          |           |        |          |

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

Quant Time: Oct 24 03:18:38 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N102325W.M  
Quant Title : SW846 8260  
QLast Update : Fri Oct 24 03:16:47 2025  
Response via : Initial Calibration

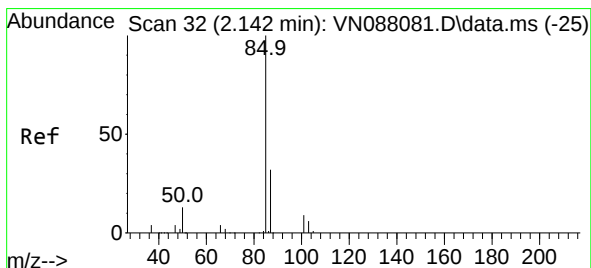
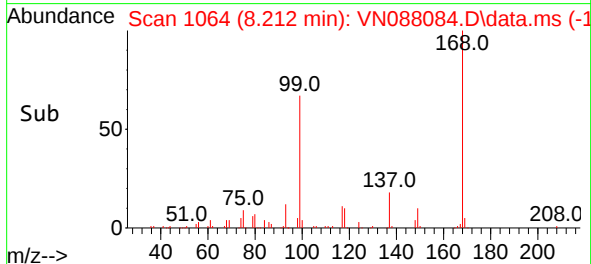
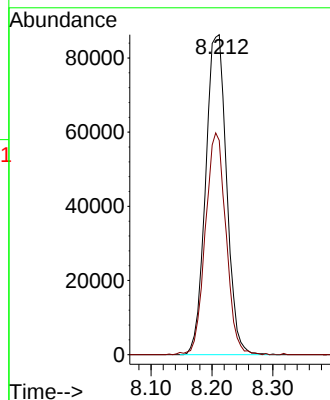
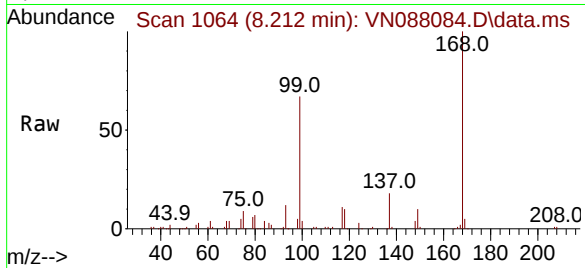




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.212 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: VN088084.D  
Acq: 23 Oct 2025 12:23

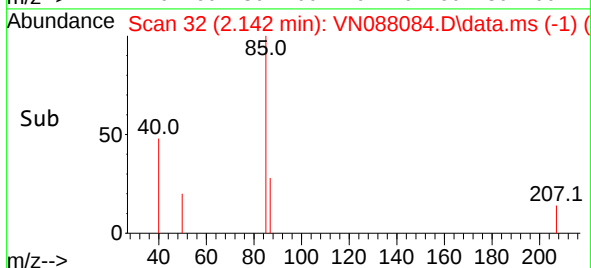
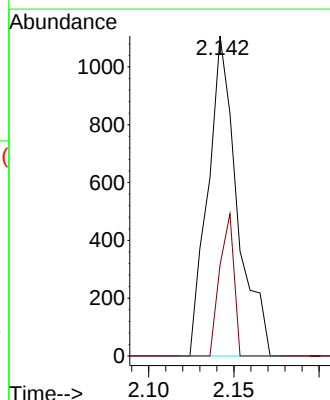
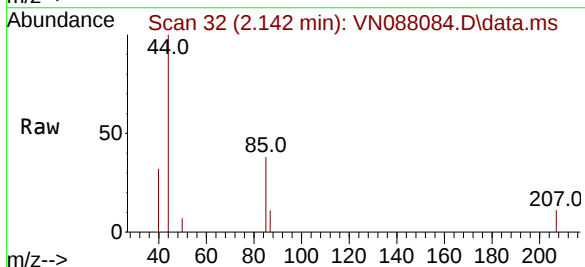
Instrument :  
MSVOA\_N  
ClientSampleId :  
IBLK

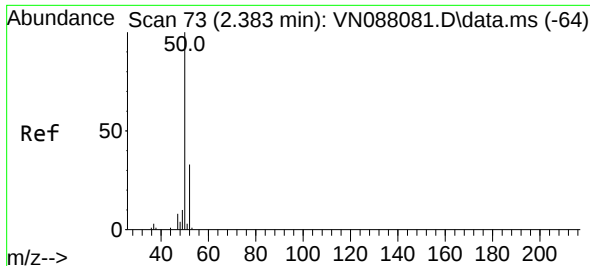
Tgt Ion:168 Resp: 206120  
Ion Ratio Lower Upper  
168 100  
99 66.9 57.2 85.8



#2  
Dichlorodifluoromethane  
Concen: 0.568 ug/l  
RT: 2.142 min Scan# 32  
Delta R.T. 0.000 min  
Lab File: VN088084.D  
Acq: 23 Oct 2025 12:23

Tgt Ion: 85 Resp: 1321  
Ion Ratio Lower Upper  
85 100  
87 28.5 16.6 49.8

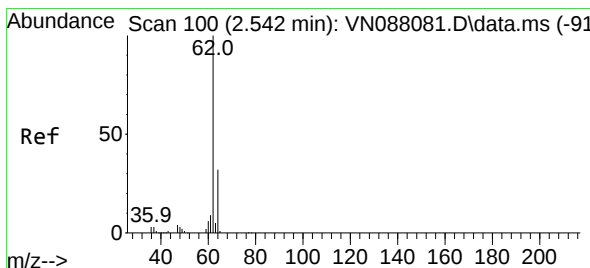
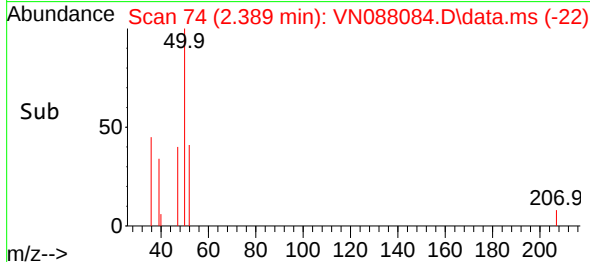
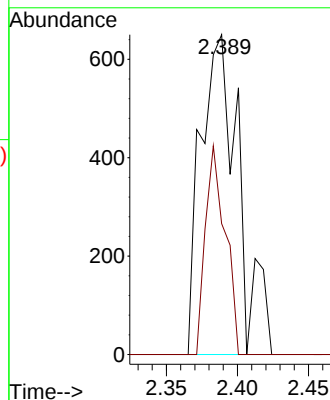
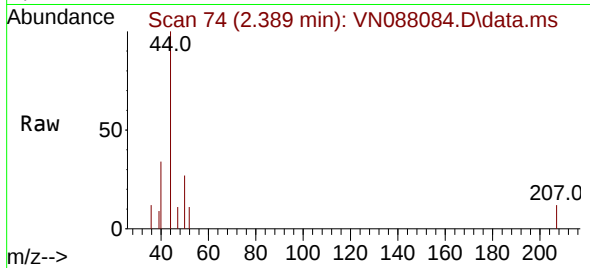




#3  
Chloromethane  
Concen: 0.441 ug/l  
RT: 2.389 min Scan# 74  
Delta R.T. 0.006 min  
Lab File: VN088084.D  
Acq: 23 Oct 2025 12:23

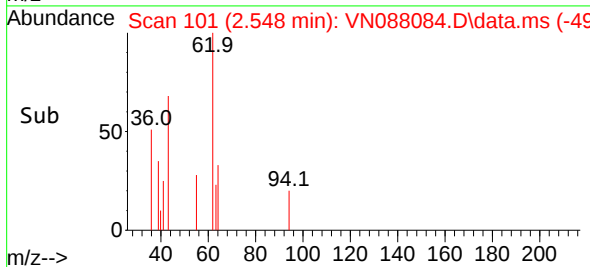
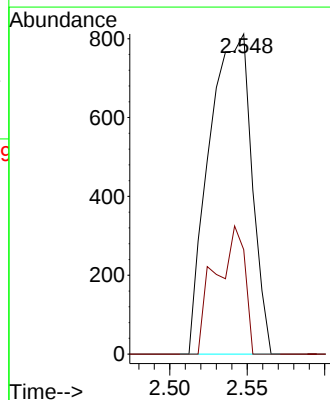
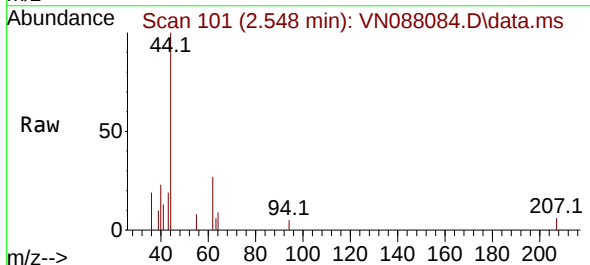
Instrument :  
MSVOA\_N  
ClientSampleId :  
IBLK

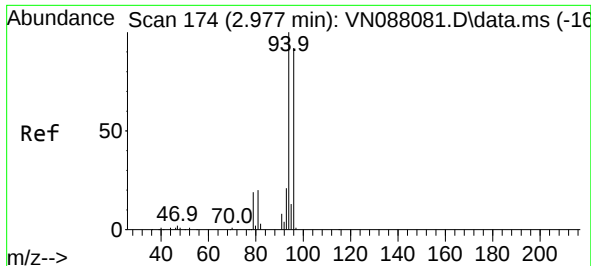
Tgt Ion: 50 Resp: 1207  
Ion Ratio Lower Upper  
50 100  
52 40.9 26.2 39.4#



#4  
Vinyl Chloride  
Concen: 0.518 ug/l  
RT: 2.548 min Scan# 101  
Delta R.T. 0.006 min  
Lab File: VN088084.D  
Acq: 23 Oct 2025 12:23

Tgt Ion: 62 Resp: 1545  
Ion Ratio Lower Upper  
62 100  
64 32.6 24.6 37.0

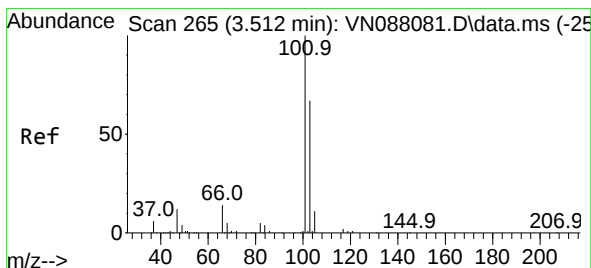
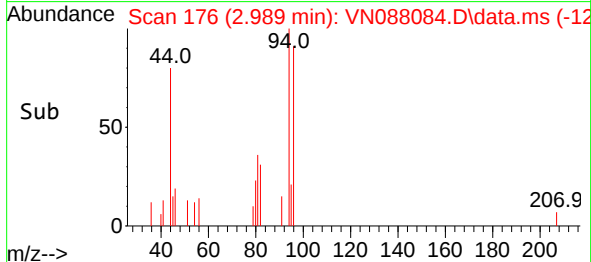
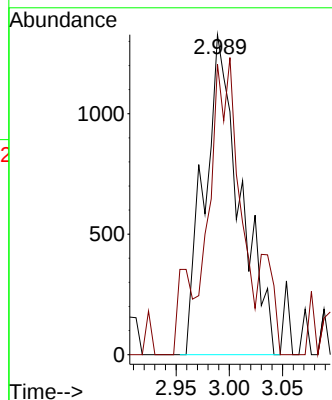
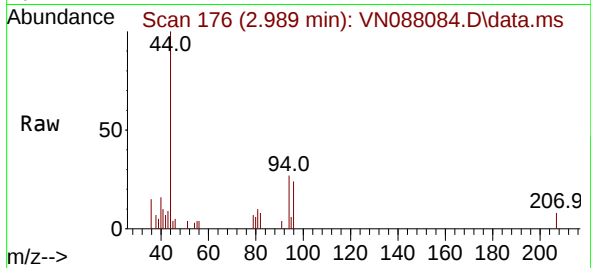




#5  
Bromomethane  
Concen: 1.741 ug/l  
RT: 2.989 min Scan# 176  
Delta R.T. 0.018 min  
Lab File: VN088084.D  
Acq: 23 Oct 2025 12:23

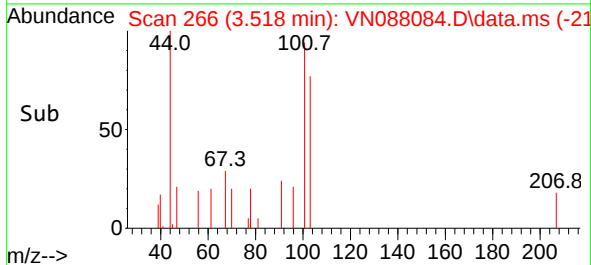
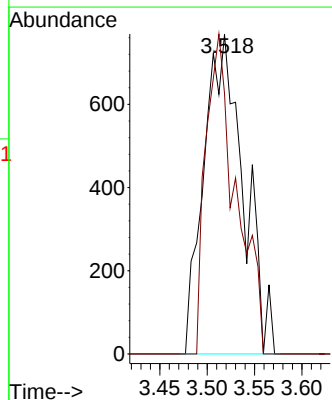
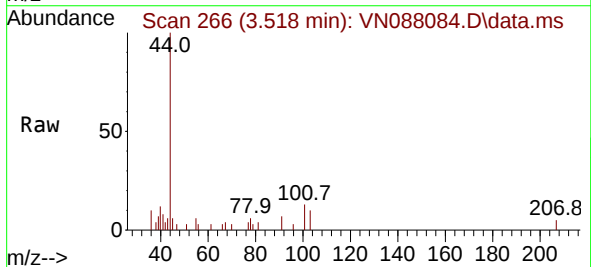
Instrument :  
MSVOA\_N  
ClientSampleId :  
IBLK

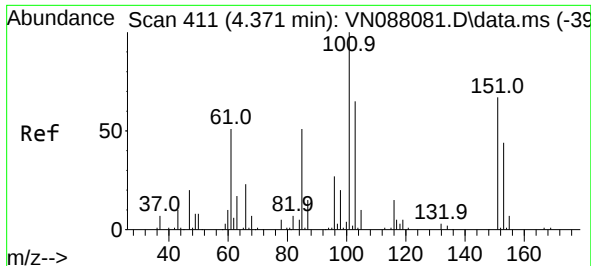
Tgt Ion: 94 Resp: 3104  
Ion Ratio Lower Upper  
94 100  
96 90.8 75.4 113.2



#7  
Trichlorofluoromethane  
Concen: 0.468 ug/l  
RT: 3.518 min Scan# 266  
Delta R.T. 0.006 min  
Lab File: VN088084.D  
Acq: 23 Oct 2025 12:23

Tgt Ion:101 Resp: 2226  
Ion Ratio Lower Upper  
101 100  
103 81.5 49.4 74.0#

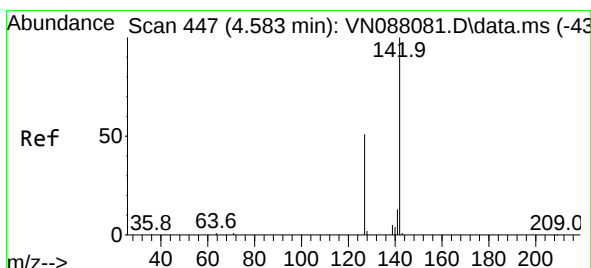
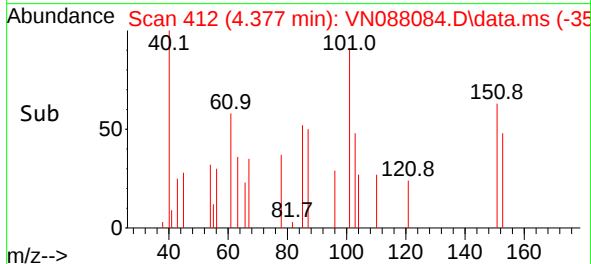
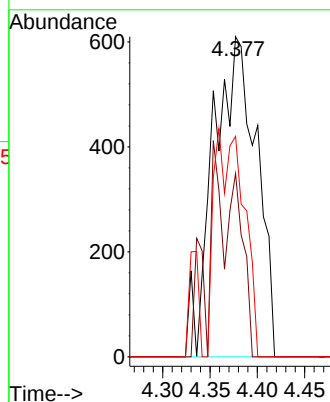
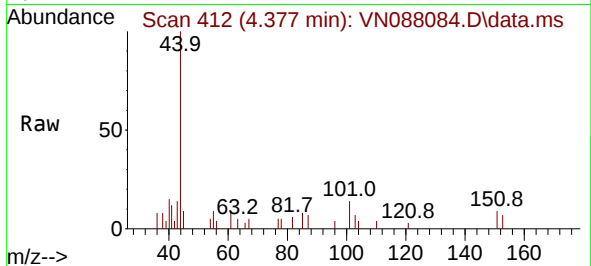




#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 0.788 ug/l  
 RT: 4.377 min Scan# 411  
 Delta R.T. 0.012 min  
 Lab File: VN088084.D  
 Acq: 23 Oct 2025 12:23

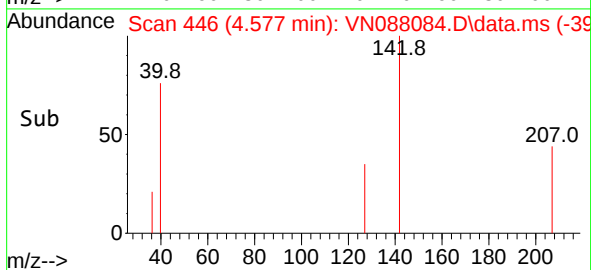
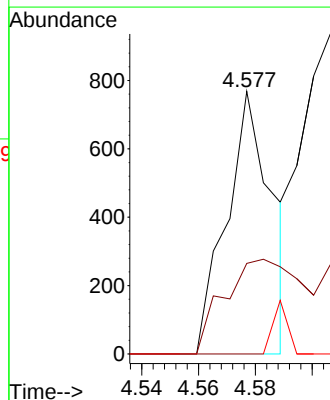
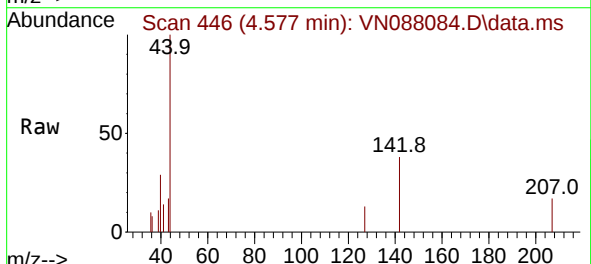
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 IBLK

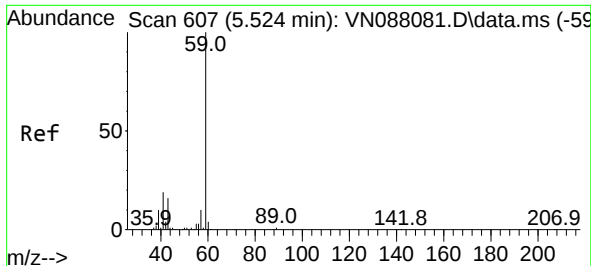
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|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 1932  |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 19.2  | 36.6  | 55.0# |
| 151      | 0.0   | 54.7  | 82.1# |



#10  
 Methyl Iodide  
 Concen: 4.533 ug/l  
 RT: 4.577 min Scan# 446  
 Delta R.T. -0.000 min  
 Lab File: VN088084.D  
 Acq: 23 Oct 2025 12:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 850   |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 34.5  | 38.0  | 57.0# |
| 141      | 0.0   | 12.0  | 18.0# |

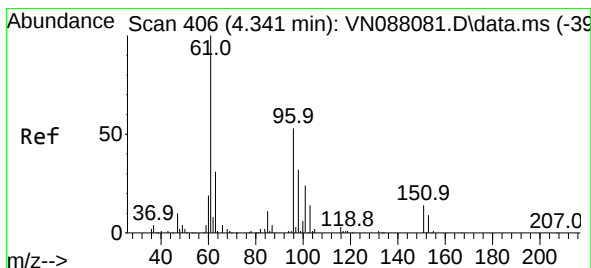
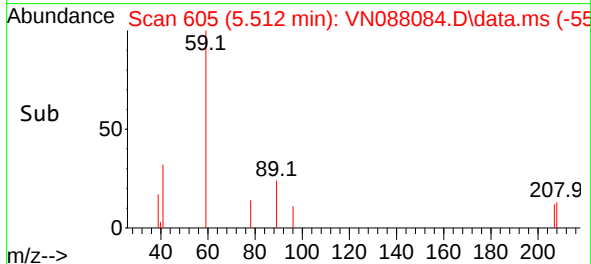
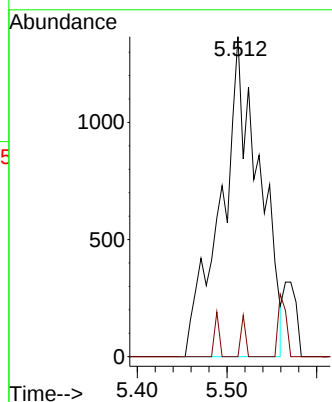
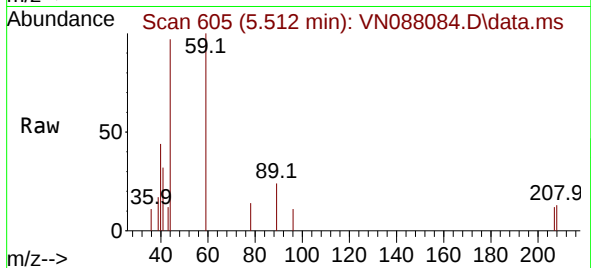




#11  
Tert butyl alcohol  
Concen: 6.563 ug/l  
RT: 5.512 min Scan# 607  
Delta R.T. -0.006 min  
Lab File: VN088084.D  
Acq: 23 Oct 2025 12:23

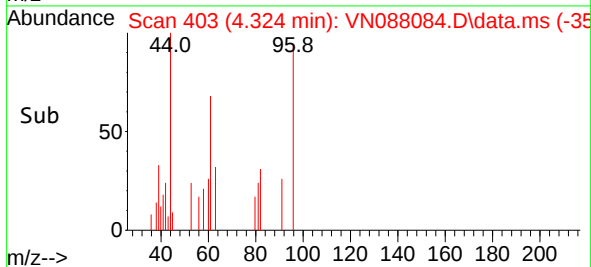
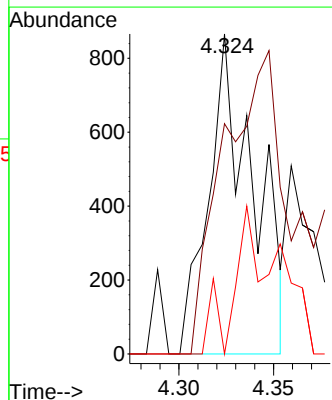
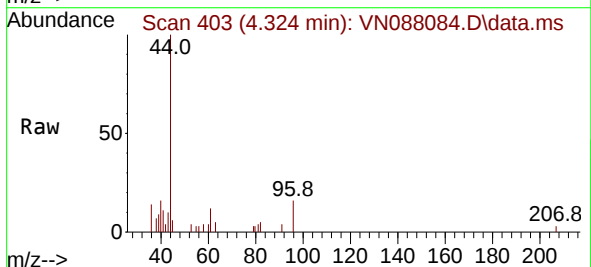
Instrument :  
MSVOA\_N  
ClientSampleId :  
IBLK

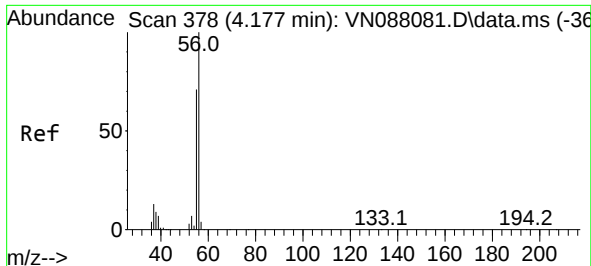
Tgt Ion: 59 Resp: 4030  
Ion Ratio Lower Upper  
59 100  
57 1.5 9.0 13.4#



#12  
1,1-Dichloroethene  
Concen: 0.550 ug/l  
RT: 4.324 min Scan# 403  
Delta R.T. -0.012 min  
Lab File: VN088084.D  
Acq: 23 Oct 2025 12:23

Tgt Ion: 96 Resp: 1425  
Ion Ratio Lower Upper  
96 100  
61 71.9 143.8 215.8#  
98 0.0 52.1 78.1#

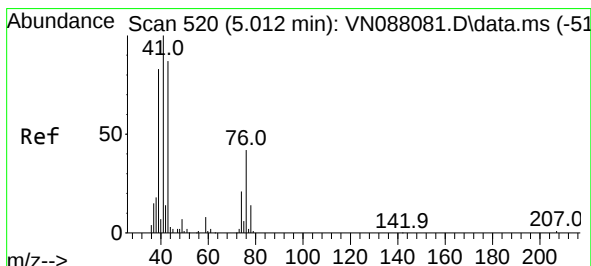
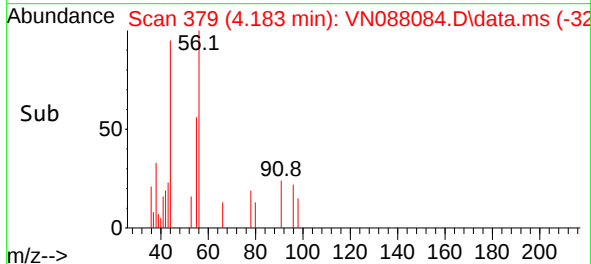
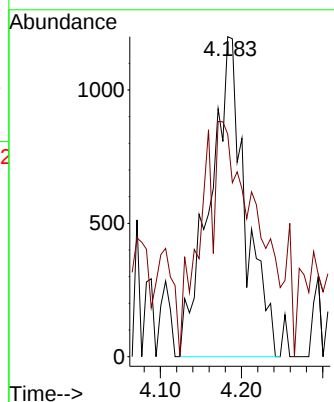
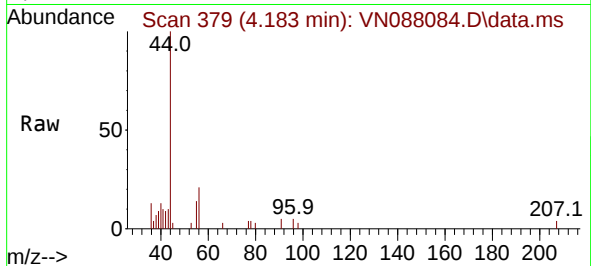




#13  
Acrolein  
Concen: 5.259 ug/l  
RT: 4.183 min Scan# 31  
Delta R.T. 0.012 min  
Lab File: VN088084.D  
Acq: 23 Oct 2025 12:23

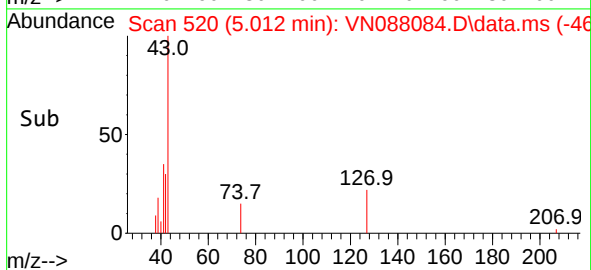
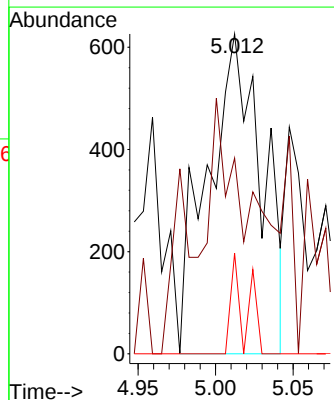
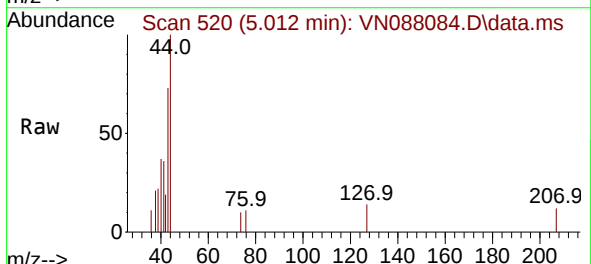
Instrument :  
MSVOA\_N  
ClientSampleId :  
IBLK

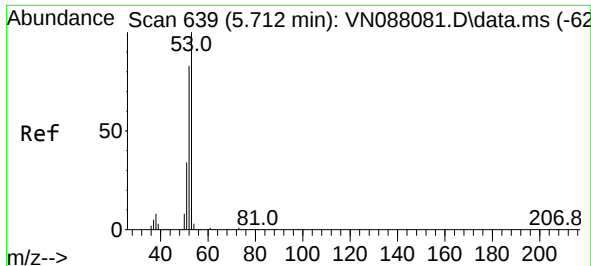
Tgt Ion: 56 Resp: 3632  
Ion Ratio Lower Upper  
56 100  
55 87.3 57.3 85.9#



#14  
Allyl chloride  
Concen: 0.337 ug/l  
RT: 5.012 min Scan# 520  
Delta R.T. 0.006 min  
Lab File: VN088084.D  
Acq: 23 Oct 2025 12:23

Tgt Ion: 41 Resp: 1529  
Ion Ratio Lower Upper  
41 100  
39 62.6 63.9 95.9#  
76 0.0 28.1 42.1#

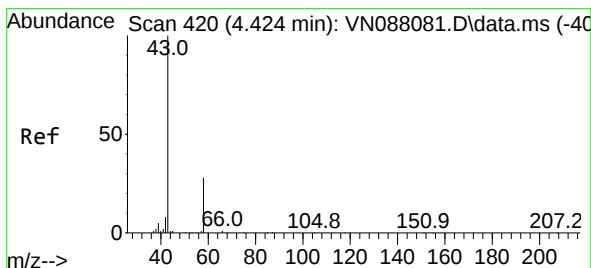
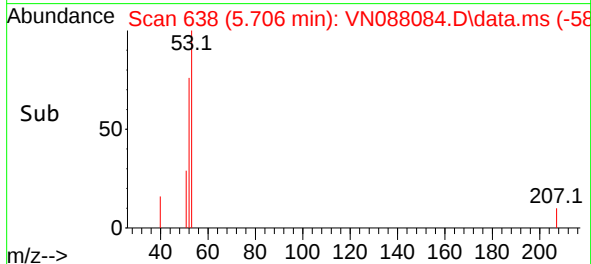
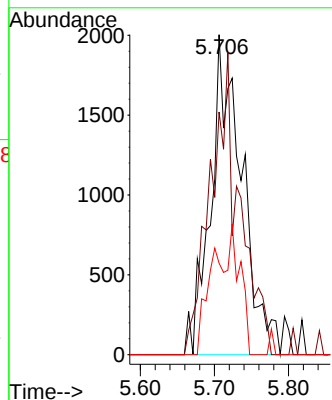
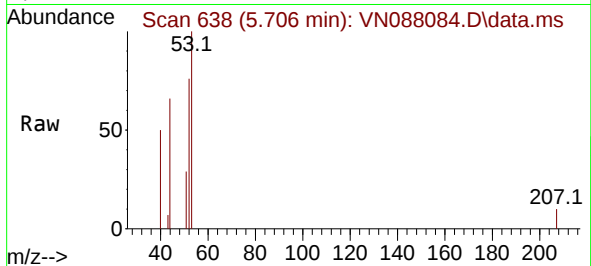




#15  
Acrylonitrile  
Concen: 3.514 ug/l  
RT: 5.706 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN088084.D  
Acq: 23 Oct 2025 12:23

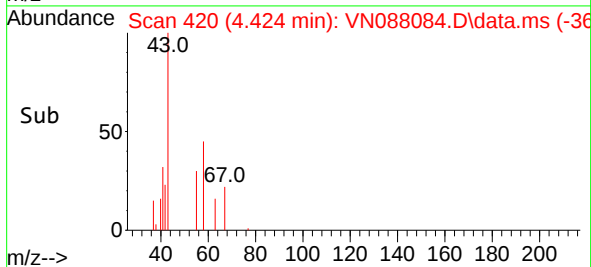
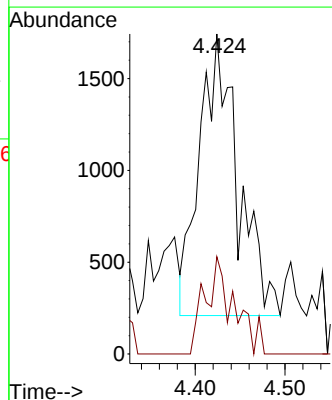
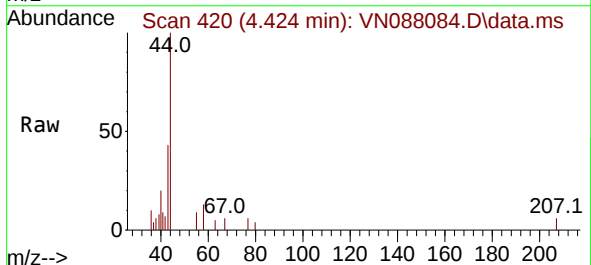
Instrument :  
MSVOA\_N  
ClientSampleId :  
IBLK

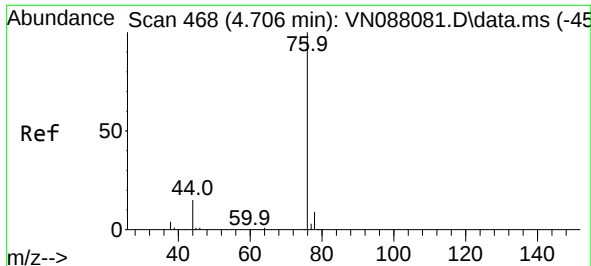
Tgt Ion: 53 Resp: 5878  
Ion Ratio Lower Upper  
53 100  
52 88.4 67.6 101.4  
51 17.8 30.1 45.1#



#16  
Acetone  
Concen: 2.540 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. 0.000 min  
Lab File: VN088084.D  
Acq: 23 Oct 2025 12:23

Tgt Ion: 43 Resp: 4549  
Ion Ratio Lower Upper  
43 100  
58 34.6 22.6 33.8#

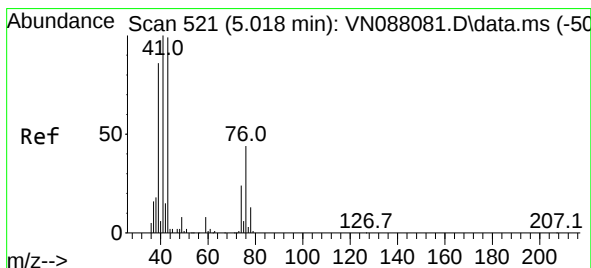
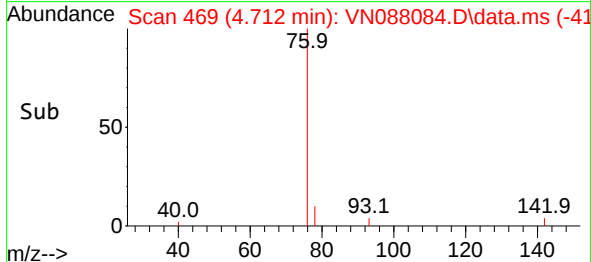
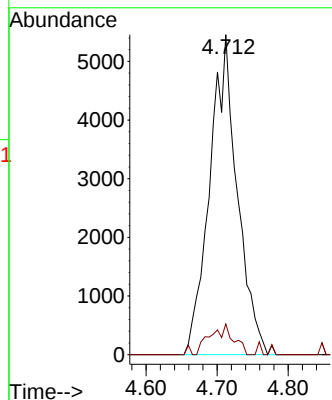
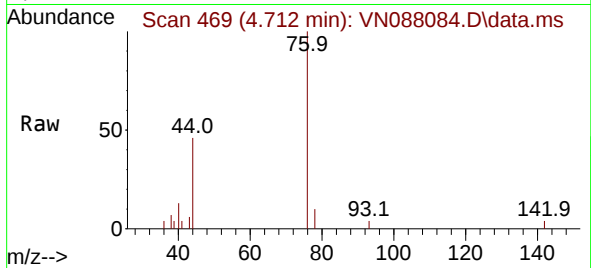




#17  
Carbon Disulfide  
Concen: 1.875 ug/l  
RT: 4.712 min Scan# 469  
Delta R.T. 0.012 min  
Lab File: VN088084.D  
Acq: 23 Oct 2025 12:23

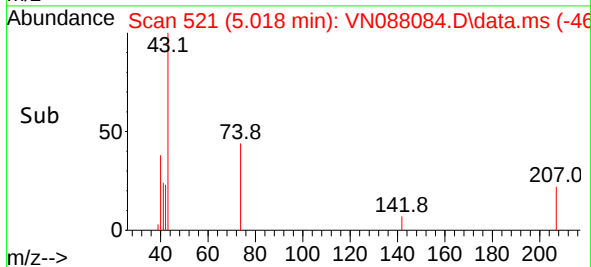
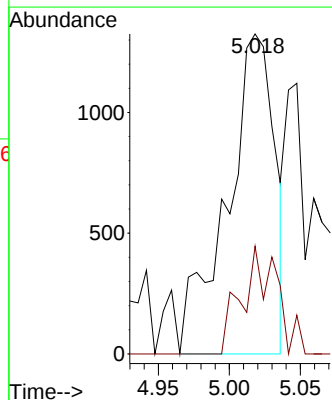
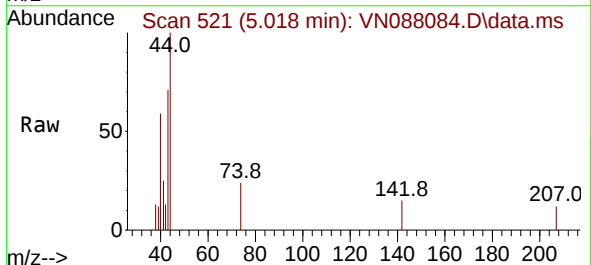
Instrument :  
MSVOA\_N  
ClientSampleId :  
IBLK

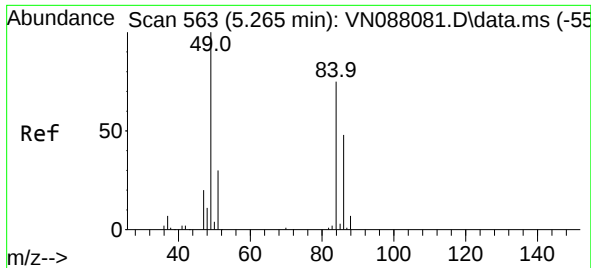
Tgt Ion: 76 Resp: 14768  
Ion Ratio Lower Upper  
76 100  
78 9.6 7.6 11.4



#18  
Methyl Acetate  
Concen: 0.841 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. 0.006 min  
Lab File: VN088084.D  
Acq: 23 Oct 2025 12:23

Tgt Ion: 43 Resp: 3083  
Ion Ratio Lower Upper  
43 100  
74 24.8 17.6 26.4

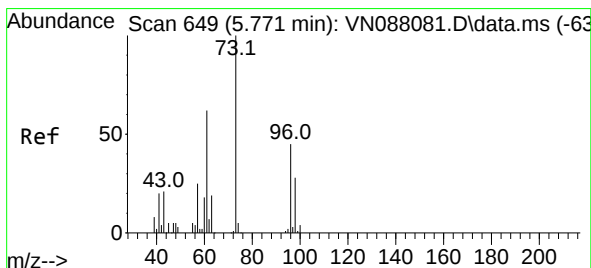
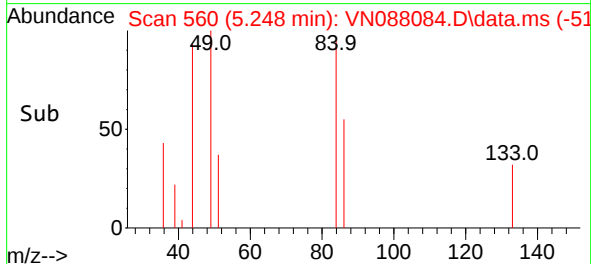
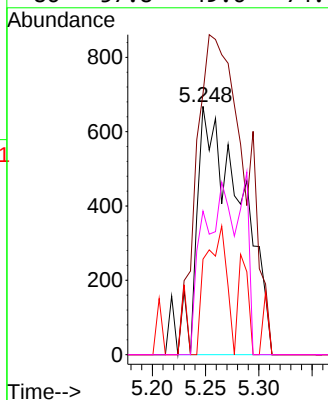
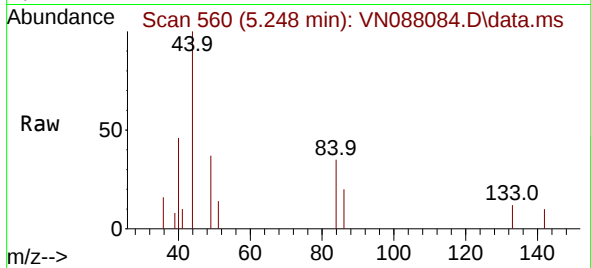




#20  
Methylene Chloride  
Concen: 1.448 ug/l  
RT: 5.248 min Scan# 501  
Delta R.T. -0.017 min  
Lab File: VN088084.D  
Acq: 23 Oct 2025 12:23

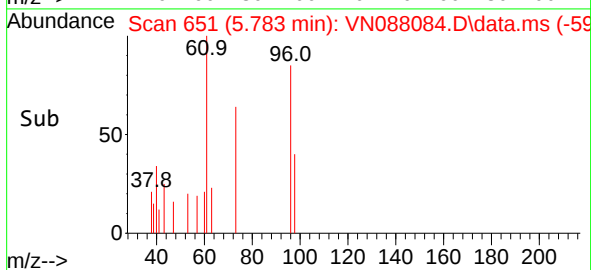
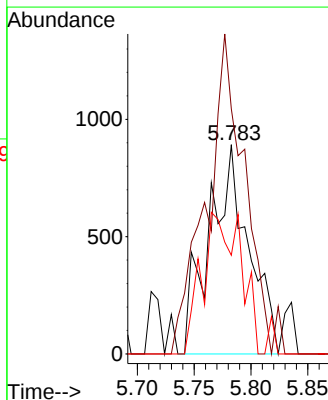
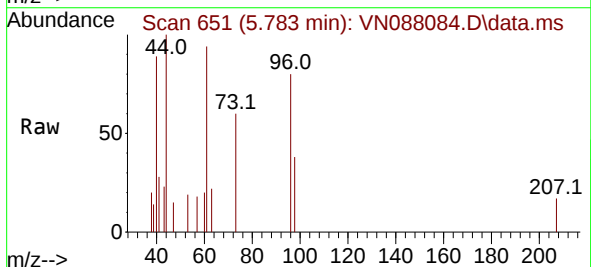
Instrument :  
MSVOA\_N  
ClientSampleId :  
IBLK

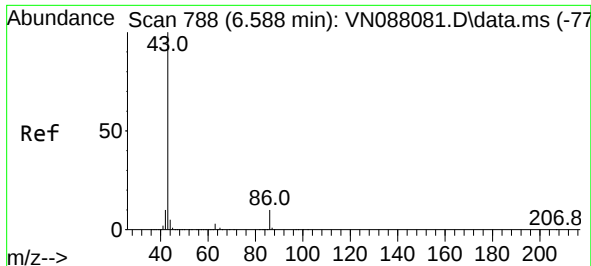
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 1911  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 105.1 | 103.4 | 155.2 |
| 51       | 38.5  | 33.8  | 50.8  |
| 86       | 57.8  | 49.6  | 74.4  |



#21  
trans-1,2-Dichloroethene  
Concen: 0.757 ug/l  
RT: 5.783 min Scan# 651  
Delta R.T. 0.006 min  
Lab File: VN088084.D  
Acq: 23 Oct 2025 12:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 96    | Resp: | 2153   |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 99.8  | 118.0 | 177.0# |
| 98       | 47.2  | 50.0  | 75.0#  |

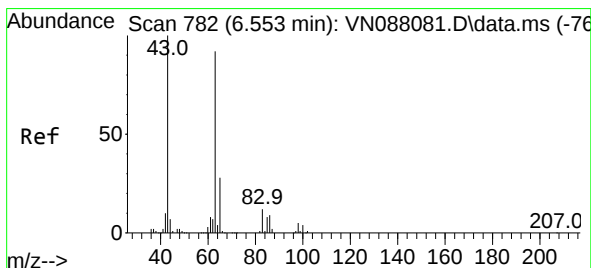
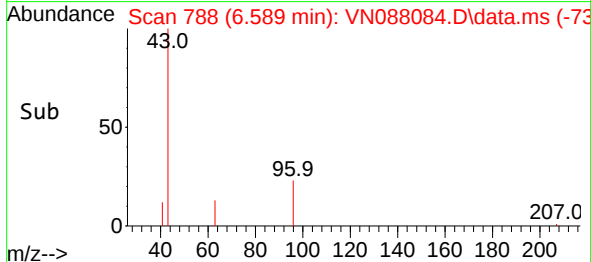
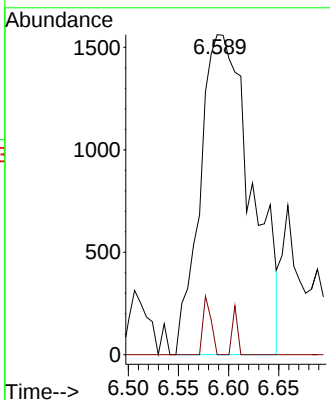
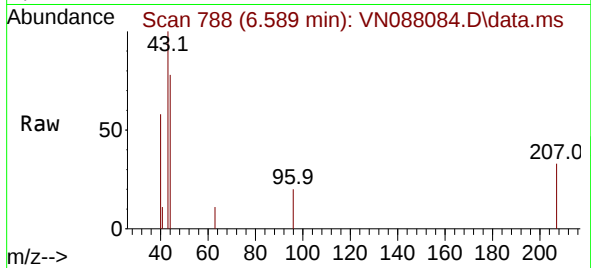




#23  
 Vinyl Acetate  
 Concen: 0.648 ug/l  
 RT: 6.589 min Scan# 788  
 Delta R.T. 0.000 min  
 Lab File: VN088084.D  
 Acq: 23 Oct 2025 12:23

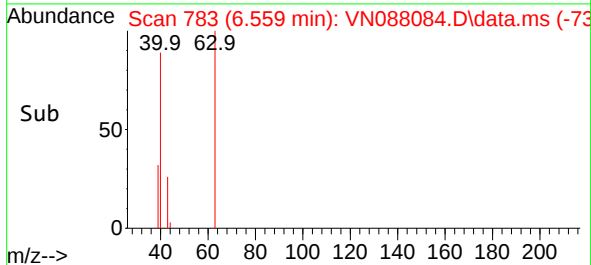
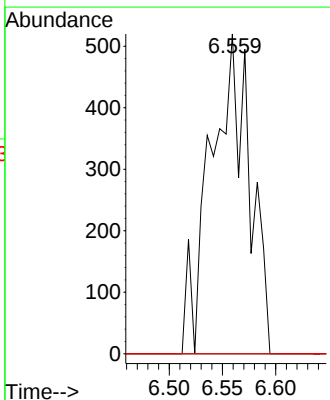
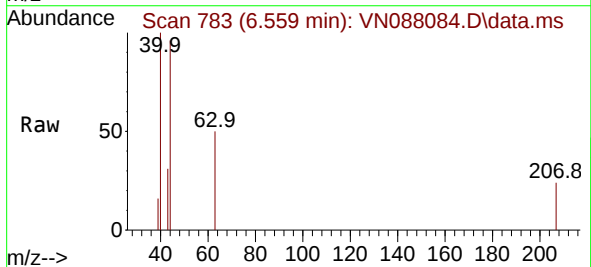
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 IBLK

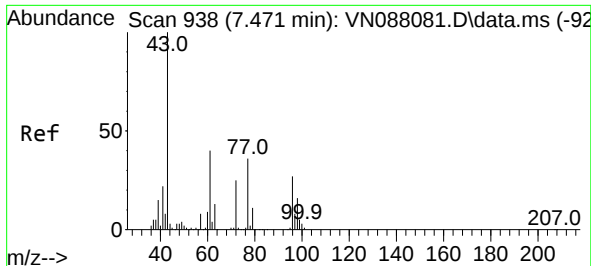
Tgt Ion: 43 Resp: 5575  
 Ion Ratio Lower Upper  
 43 100  
 86 0.0 8.2 12.4#



#24  
 1,1-Dichloroethane  
 Concen: 0.249 ug/l  
 RT: 6.559 min Scan# 783  
 Delta R.T. 0.012 min  
 Lab File: VN088084.D  
 Acq: 23 Oct 2025 12:23

Tgt Ion: 63 Resp: 1319  
 Ion Ratio Lower Upper  
 63 100  
 98 0.0 3.8 11.4#  
 100 0.0 2.0 6.0#

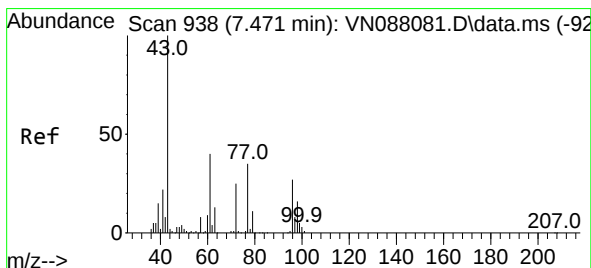
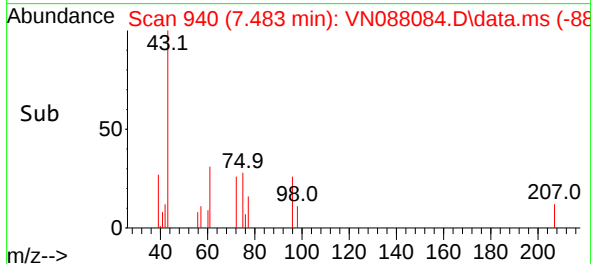
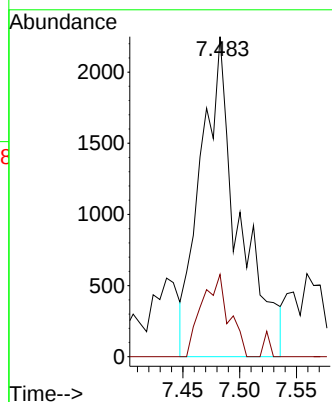
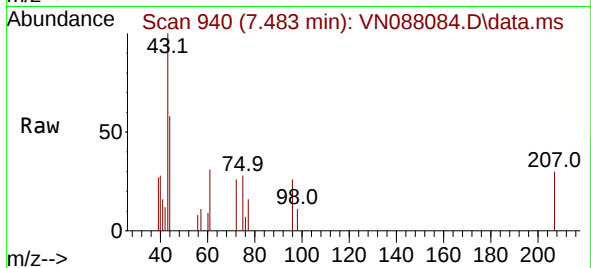




#25  
2-Butanone  
Concen: 2.212 ug/l  
RT: 7.483 min Scan# 940  
Delta R.T. 0.018 min  
Lab File: VN088084.D  
Acq: 23 Oct 2025 12:23

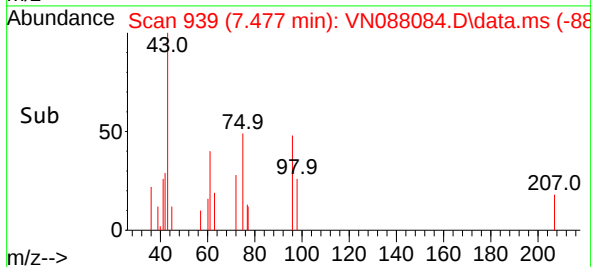
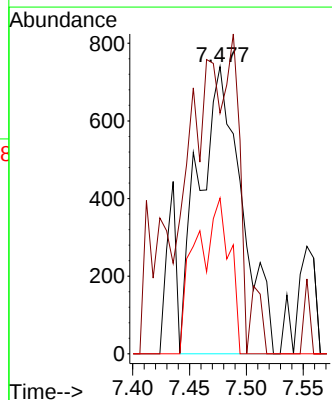
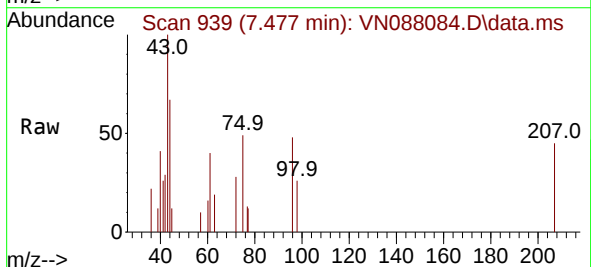
Instrument :  
MSVOA\_N  
ClientSampleId :  
IBLK

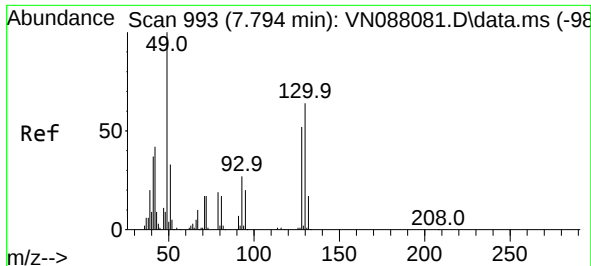
Tgt Ion: 43 Resp: 5221  
Ion Ratio Lower Upper  
43 100  
72 30.5 19.9 29.9#



#27  
cis-1,2-Dichloroethene  
Concen: 0.594 ug/l  
RT: 7.477 min Scan# 939  
Delta R.T. 0.012 min  
Lab File: VN088084.D  
Acq: 23 Oct 2025 12:23

Tgt Ion: 96 Resp: 1944  
Ion Ratio Lower Upper  
96 100  
61 102.3 0.0 301.8  
98 42.2 0.0 126.2

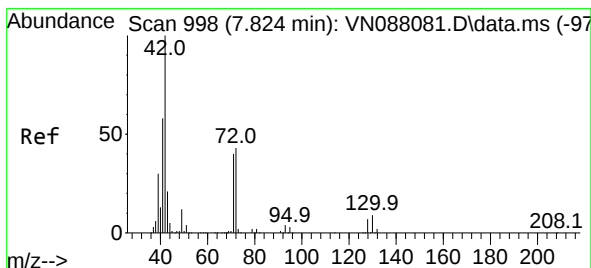
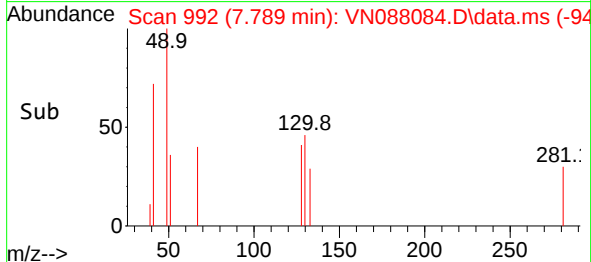
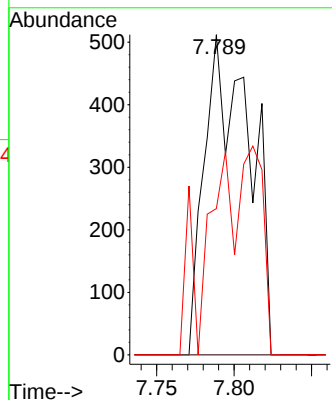
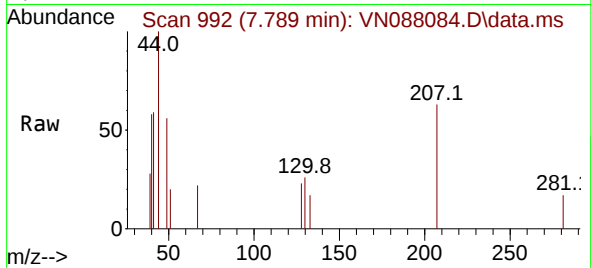




#28  
Bromochloromethane  
Concen: 0.414 ug/l  
RT: 7.789 min Scan# 993  
Delta R.T. -0.012 min  
Lab File: VN088084.D  
Acq: 23 Oct 2025 12:23

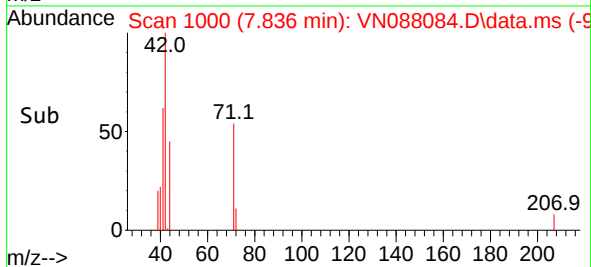
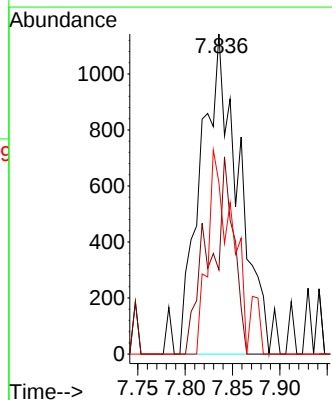
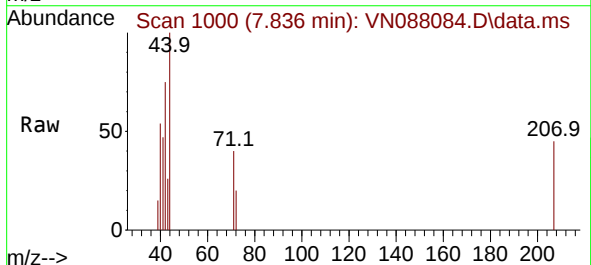
Instrument :  
MSVOA\_N  
ClientSampleId :  
IBLK

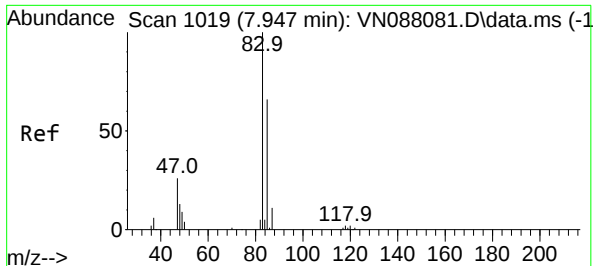
Tgt Ion: 49 Resp: 1036  
Ion Ratio Lower Upper  
49 100  
129 0.0 0.0 3.0  
130 32.1 53.1 79.7#



#29  
Tetrahydrofuran  
Concen: 2.088 ug/l  
RT: 7.836 min Scan# 1000  
Delta R.T. 0.012 min  
Lab File: VN088084.D  
Acq: 23 Oct 2025 12:23

Tgt Ion: 42 Resp: 3211  
Ion Ratio Lower Upper  
42 100  
72 19.2 33.7 50.5#  
71 44.1 31.9 47.9





#30

Chloroform

Concen: 0.279 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. 0.012 min

Lab File: VN088084.D

Acq: 23 Oct 2025 12:23

Instrument :

MSVOA\_N

ClientSampleId :

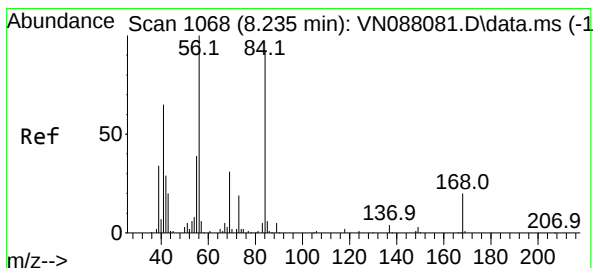
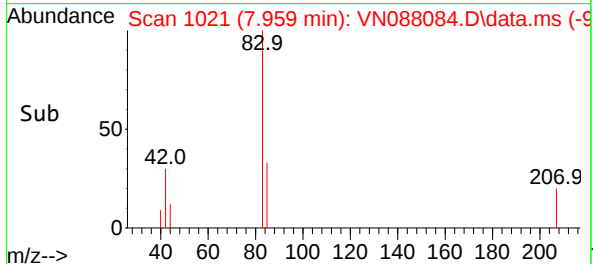
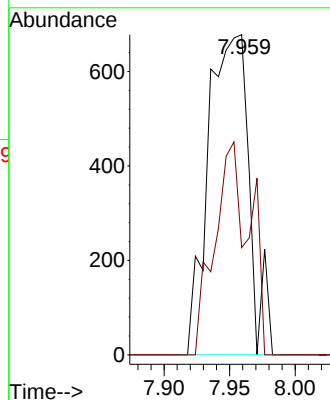
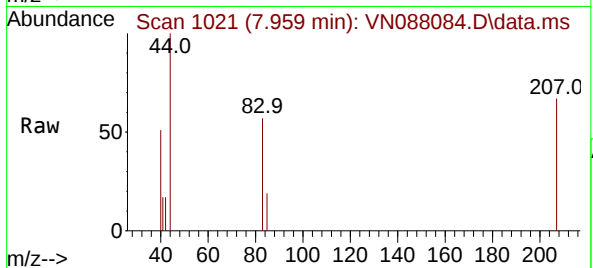
IBLK

Tgt Ion: 83 Resp: 1477

Ion Ratio Lower Upper

83 100

85 33.5 50.7 76.1#



#31

Cyclohexane

Concen: 1.734 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.018 min

Lab File: VN088084.D

Acq: 23 Oct 2025 12:23

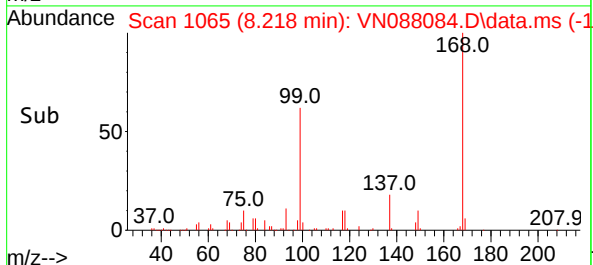
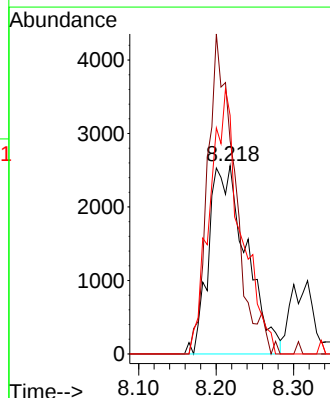
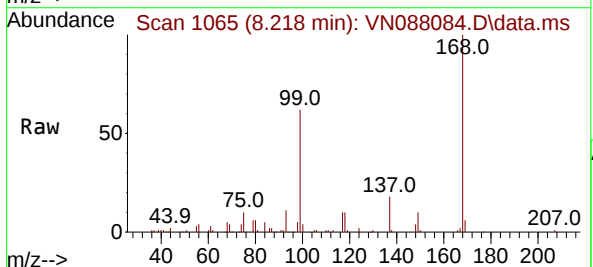
Tgt Ion: 56 Resp: 8649

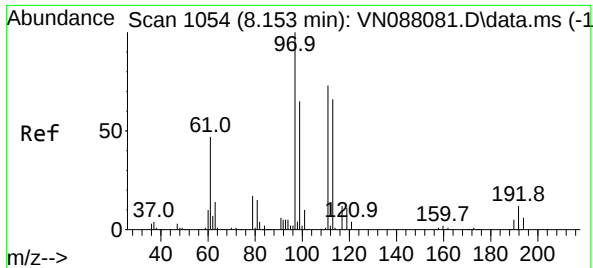
Ion Ratio Lower Upper

56 100

69 113.3 23.7 35.5#

84 126.7 64.7 97.1#





#32

1,1,1-Trichloroethane

Concen: 0.249 ug/l

RT: 8.141 min Scan# 1052

Delta R.T. -0.012 min

Lab File: VN088084.D

Acq: 23 Oct 2025 12:23

Instrument :

MSVOA\_N

ClientSampleId :

IBLK

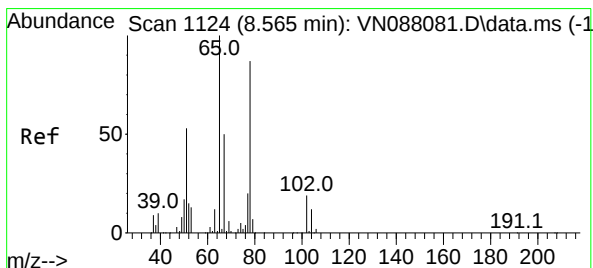
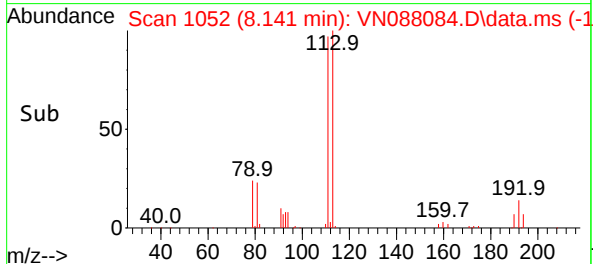
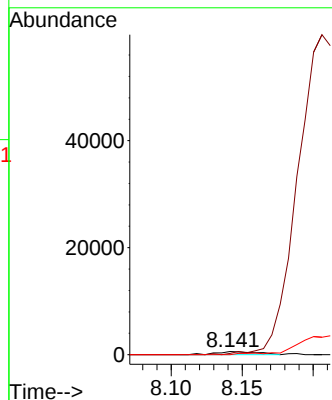
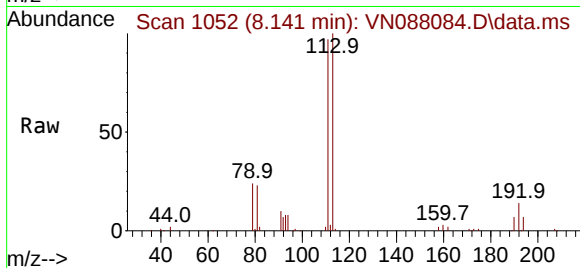
Tgt Ion: 97 Resp: 1170

Ion Ratio Lower Upper

97 100

99 0.0 52.2 78.2#

61 28.8 41.2 61.8#



#33

1,2-Dichloroethane-d4

Concen: 53.924 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.006 min

Lab File: VN088084.D

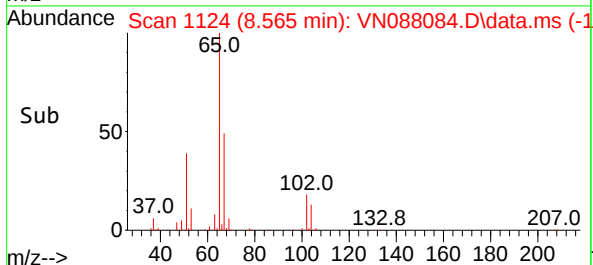
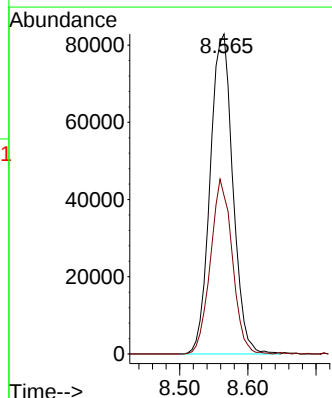
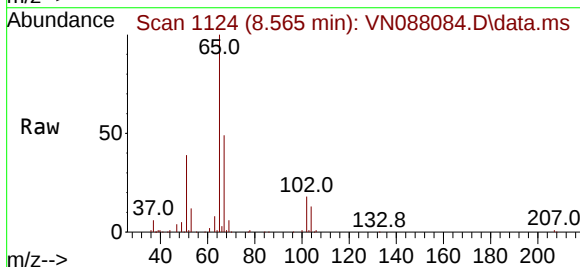
Acq: 23 Oct 2025 12:23

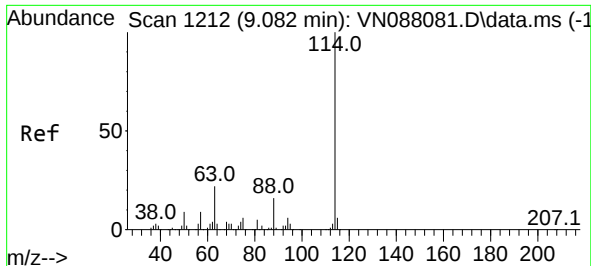
Tgt Ion: 65 Resp: 192199

Ion Ratio Lower Upper

65 100

67 52.6 0.0 100.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN088084.D

Acq: 23 Oct 2025 12:23

Instrument :

MSVOA\_N

ClientSampleId :

IBLK

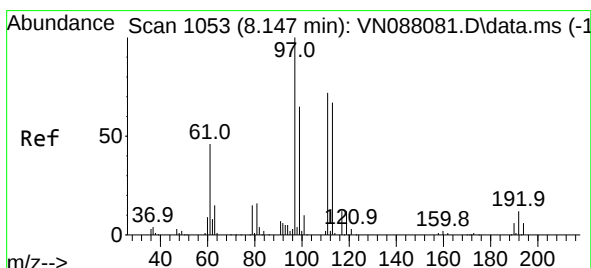
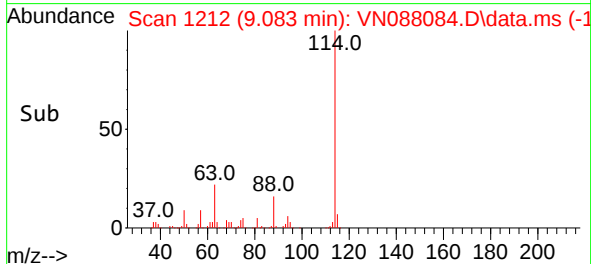
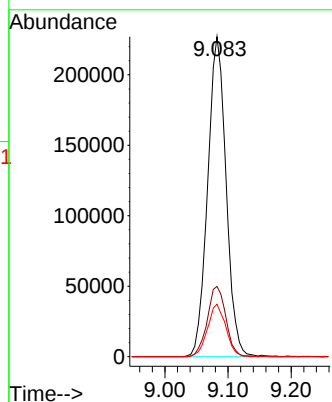
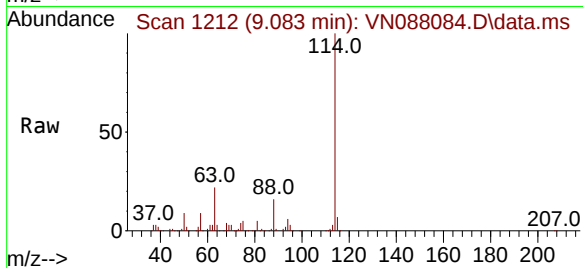
Tgt Ion:114 Resp: 460030

Ion Ratio Lower Upper

114 100

63 21.9 0.0 45.2

88 16.4 0.0 33.4



#35

Dibromofluoromethane

Concen: 50.977 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088084.D

Acq: 23 Oct 2025 12:23

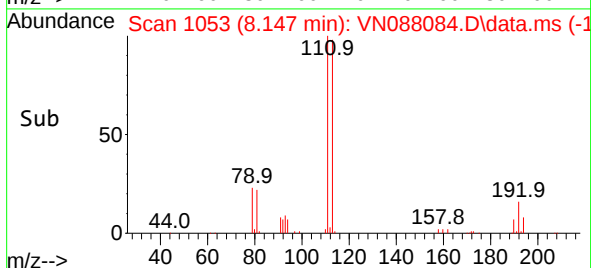
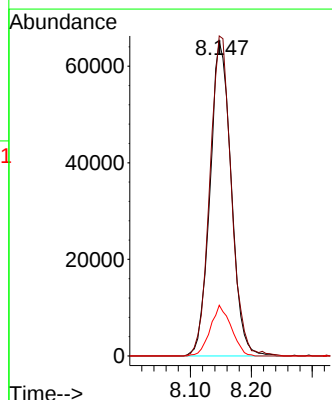
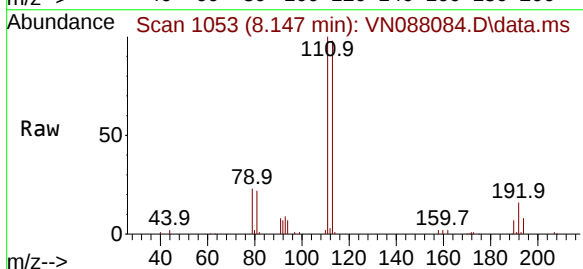
Tgt Ion:113 Resp: 157545

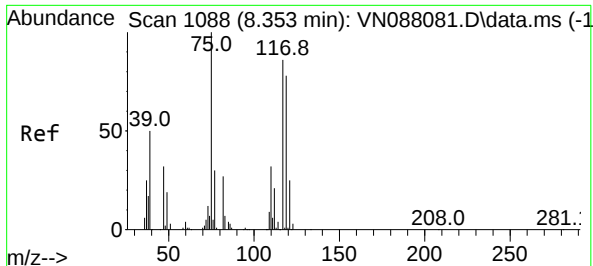
Ion Ratio Lower Upper

113 100

111 102.8 82.8 124.2

192 15.9 12.8 19.2





#36

1,1-Dichloropropene

Concen: 0.566 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN088084.D

Acq: 23 Oct 2025 12:23

Instrument :

MSVOA\_N

ClientSampleId :

IBLK

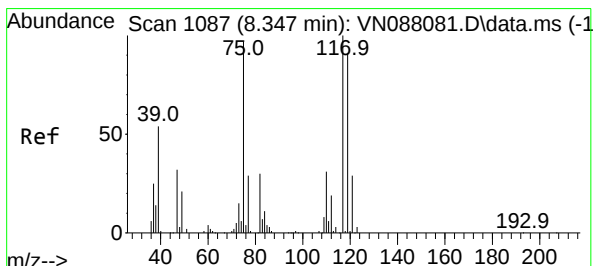
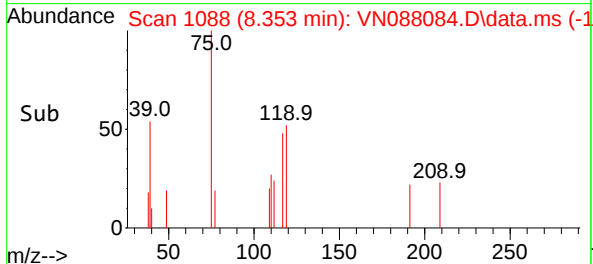
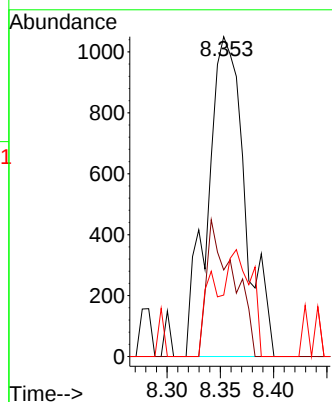
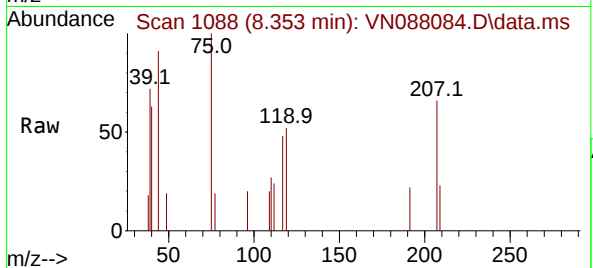
Tgt Ion: 75 Resp: 2556

Ion Ratio Lower Upper

75 100

110 0.0 15.9 47.6#

77 23.3 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 0.294 ug/l

RT: 8.341 min Scan# 1086

Delta R.T. 0.000 min

Lab File: VN088084.D

Acq: 23 Oct 2025 12:23

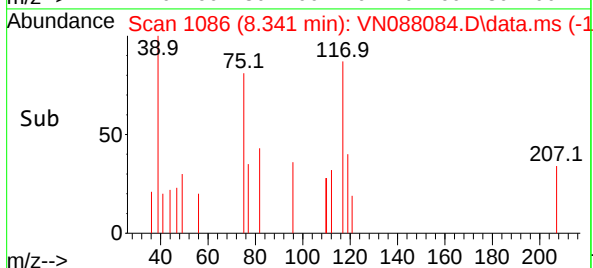
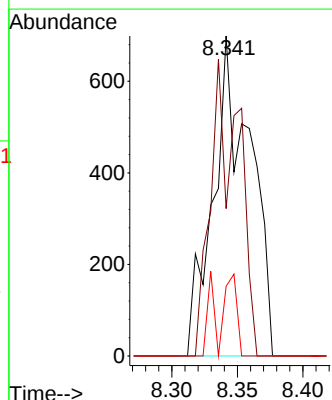
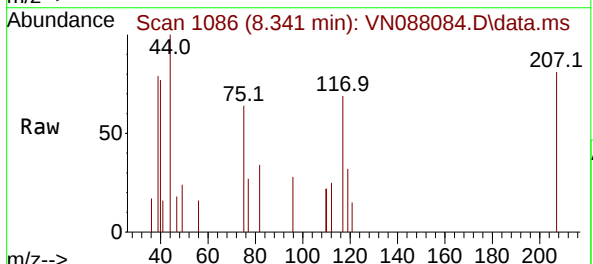
Tgt Ion: 117 Resp: 1370

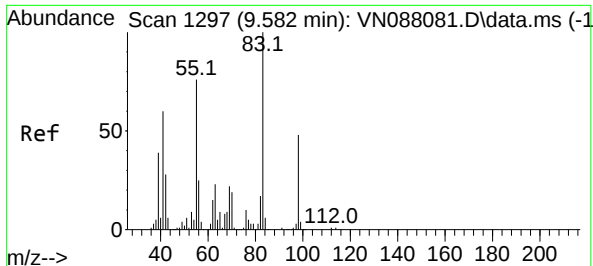
Ion Ratio Lower Upper

117 100

119 46.1 79.0 118.6#

121 21.7 25.0 37.6#





#39

Methylcyclohexane

Concen: 0.712 ug/l

RT: 9.577 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VN088084.D

Acq: 23 Oct 2025 12:23

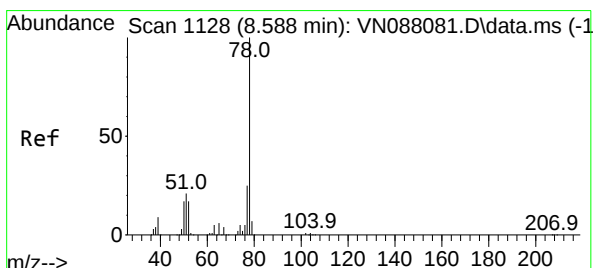
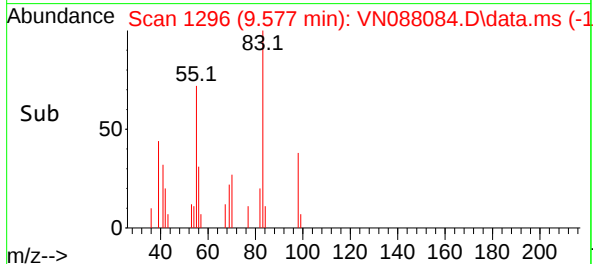
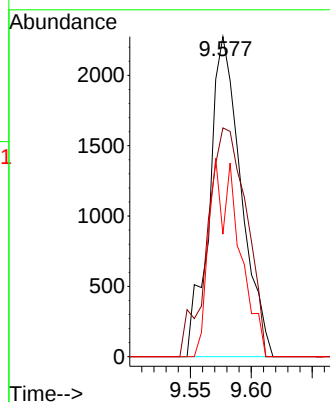
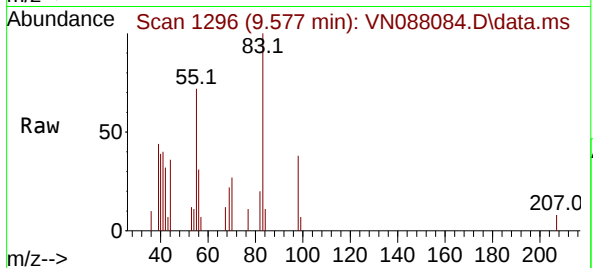
Instrument :

MSVOA\_N

ClientSampleId :

IBLK

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 4130  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 71.5  | 64.6  | 96.8  |
| 98       | 38.3  | 38.4  | 57.6# |



#40

Benzene

Concen: 0.226 ug/l

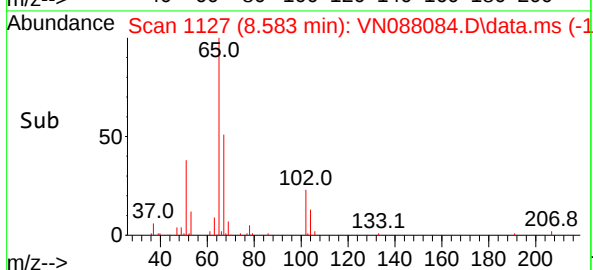
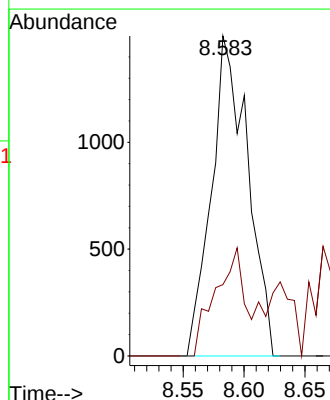
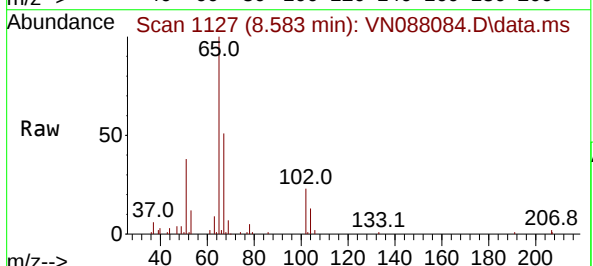
RT: 8.583 min Scan# 1127

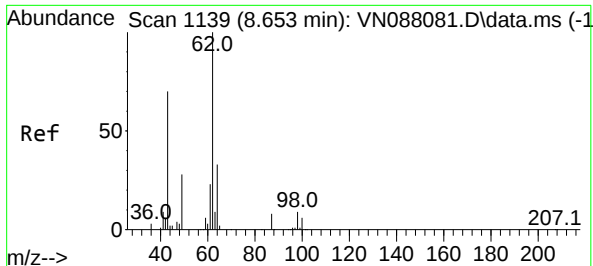
Delta R.T. -0.006 min

Lab File: VN088084.D

Acq: 23 Oct 2025 12:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 78    | Resp: | 3101  |
| Ion      | Ratio | Lower | Upper |
| 78       | 100   |       |       |
| 77       | 22.3  | 19.7  | 29.5  |

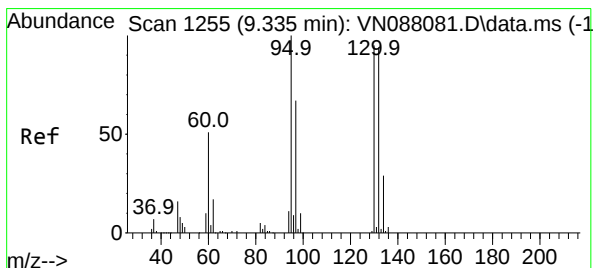
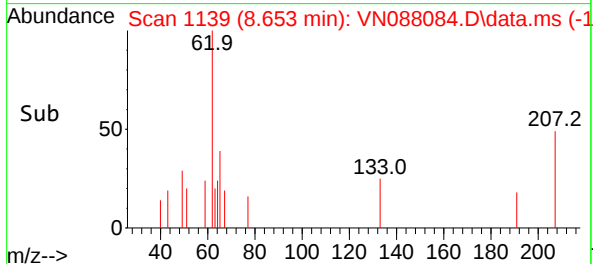
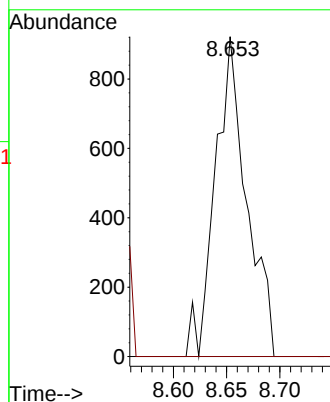
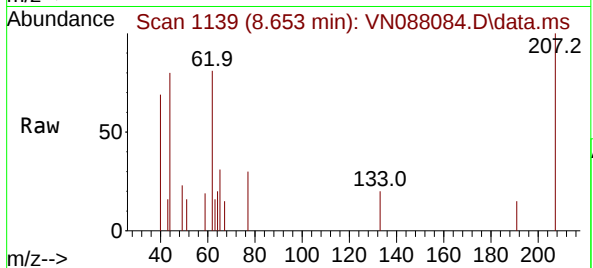




#42  
1,2-Dichloroethane  
Concen: 0.387 ug/l  
RT: 8.653 min Scan# 1139  
Delta R.T. 0.000 min  
Lab File: VN088084.D  
Acq: 23 Oct 2025 12:23

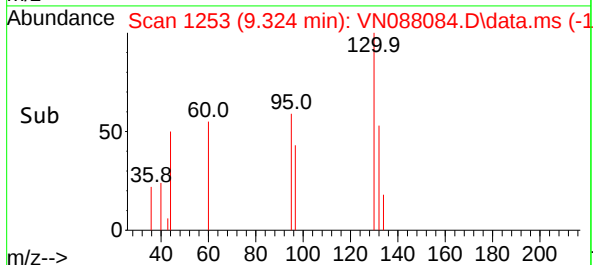
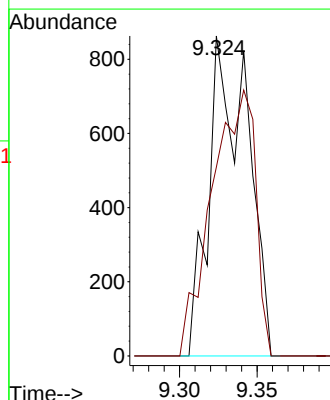
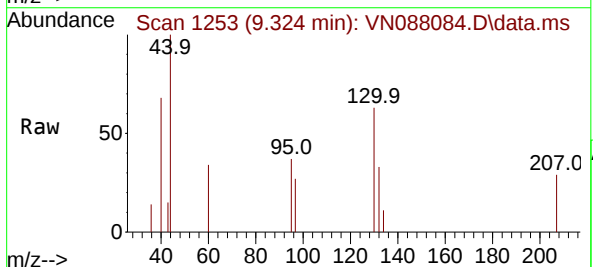
Instrument :  
MSVOA\_N  
ClientSampleId :  
IBLK

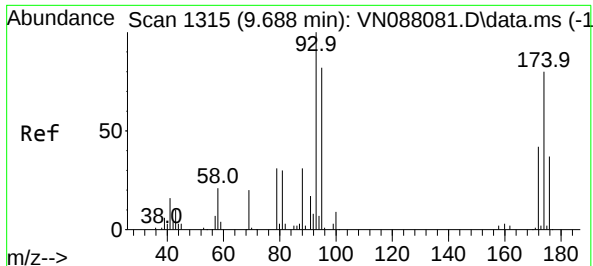
Tgt Ion: 62 Resp: 1892  
Ion Ratio Lower Upper  
62 100  
98 0.0 0.0 17.4



#44  
Trichloroethene  
Concen: 0.466 ug/l  
RT: 9.324 min Scan# 1253  
Delta R.T. -0.006 min  
Lab File: VN088084.D  
Acq: 23 Oct 2025 12:23

Tgt Ion:130 Resp: 1496  
Ion Ratio Lower Upper  
130 100  
95 59.0 0.0 212.0

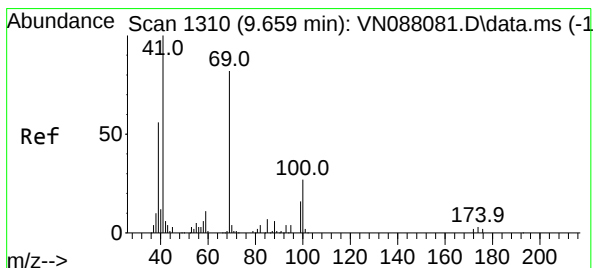
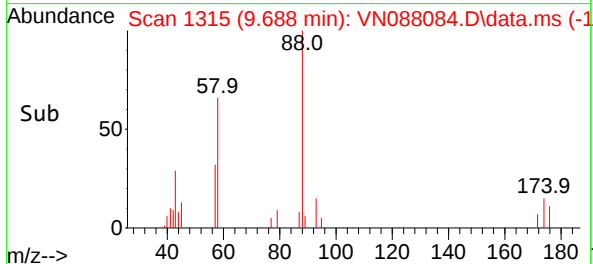
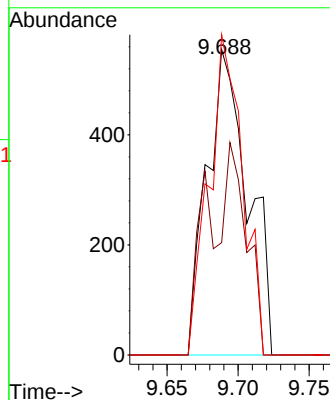
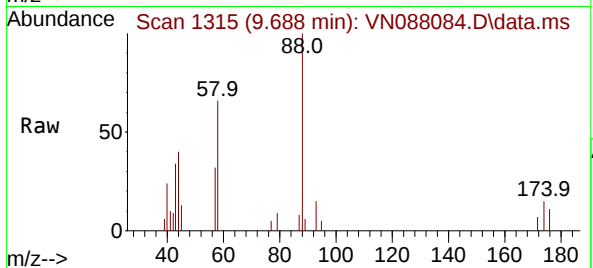




#46  
Dibromomethane  
Concen: 0.451 ug/l  
RT: 9.688 min Scan# 1115  
Delta R.T. 0.000 min  
Lab File: VN088084.D  
Acq: 23 Oct 2025 12:23

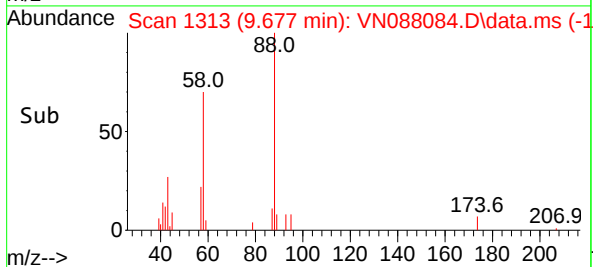
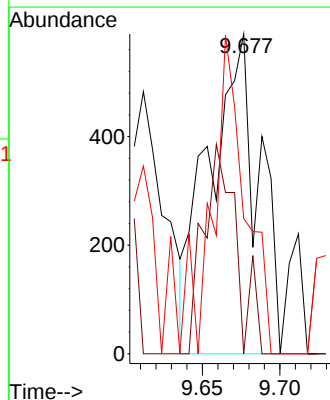
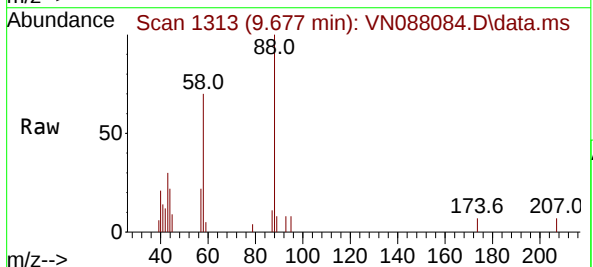
Instrument :  
MSVOA\_N  
ClientSampleId :  
IBLK

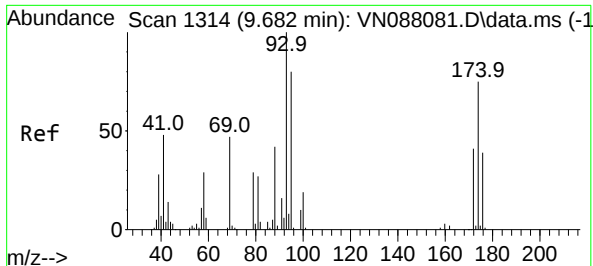
Tgt Ion: 93 Resp: 1115  
Ion Ratio Lower Upper  
93 100  
95 41.0 66.2 99.4#  
174 86.1 63.4 95.2



#48  
Methyl methacrylate  
Concen: 0.320 ug/l  
RT: 9.677 min Scan# 1313  
Delta R.T. 0.012 min  
Lab File: VN088084.D  
Acq: 23 Oct 2025 12:23

Tgt Ion: 41 Resp: 1320  
Ion Ratio Lower Upper  
41 100  
69 43.2 62.7 94.1#  
39 65.6 52.9 79.3





#49

1,4-Dioxane

Concen: 181.447 ug/l

RT: 9.677 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN088084.D

Acq: 23 Oct 2025 12:23

Instrument :

MSVOA\_N

ClientSampleId :

IBLK

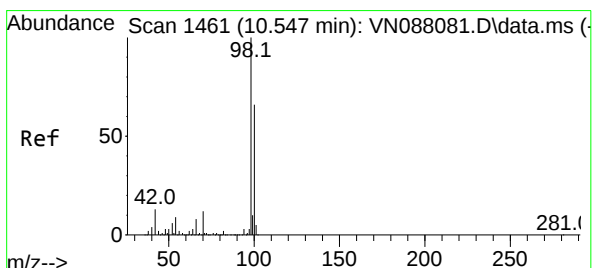
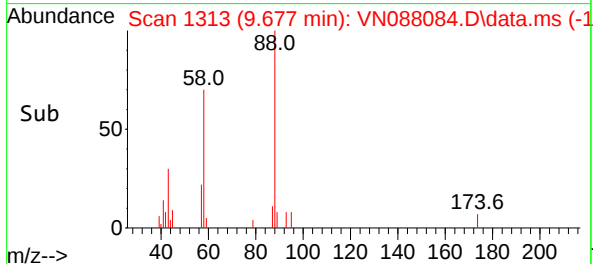
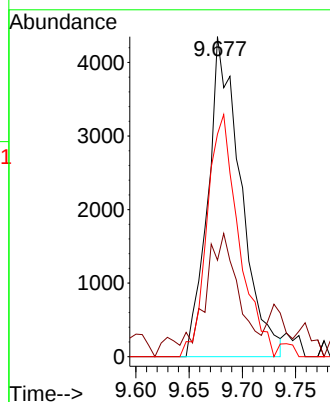
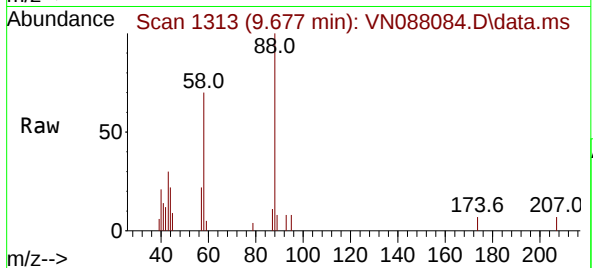
Tgt Ion: 88 Resp: 9323

Ion Ratio Lower Upper

88 100

43 39.1 0.0 0.0#

58 73.0 57.9 86.9



#50

Toluene-d8

Concen: 49.067 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN088084.D

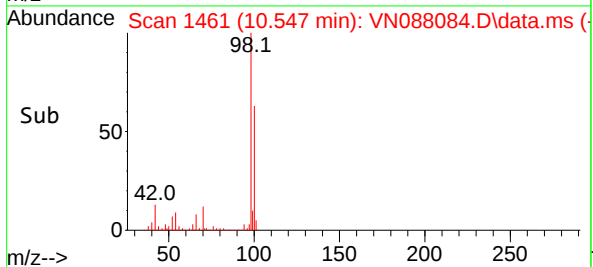
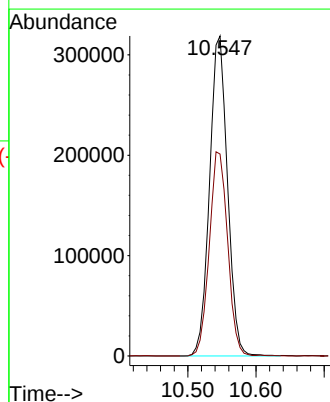
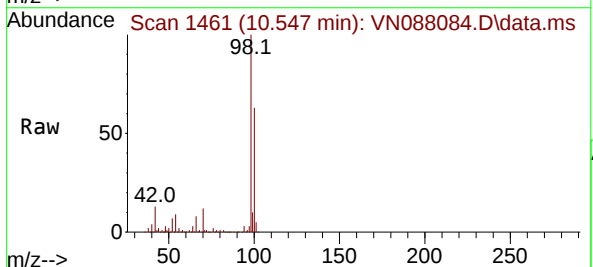
Acq: 23 Oct 2025 12:23

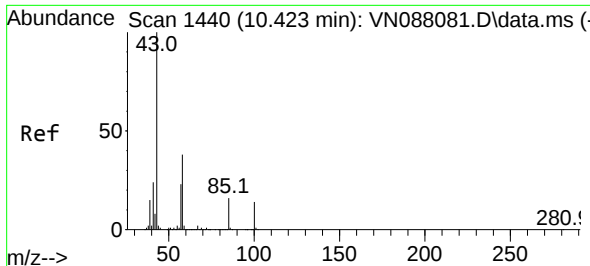
Tgt Ion: 98 Resp: 584307

Ion Ratio Lower Upper

98 100

100 65.2 52.8 79.2

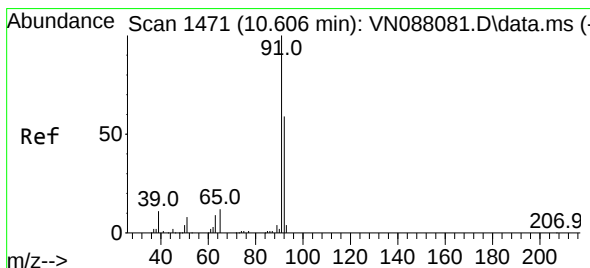
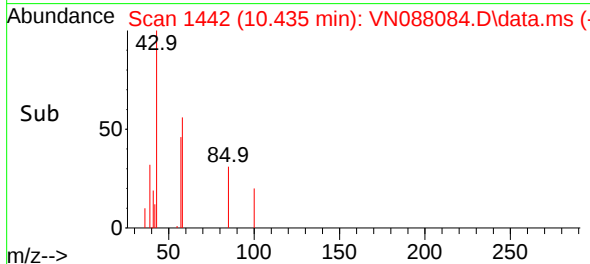
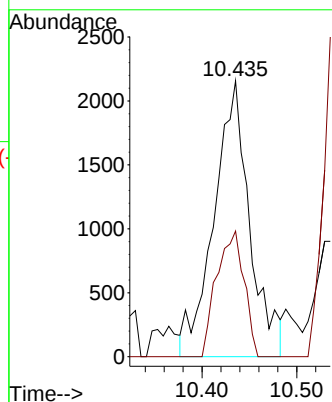
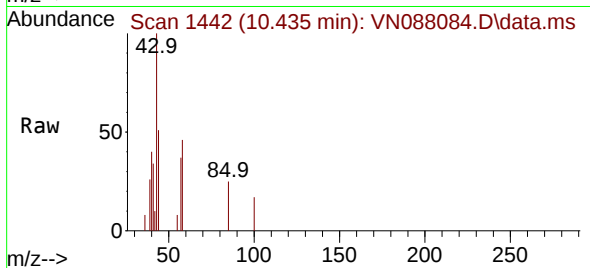




#51  
4-Methyl-2-Pentanone  
Concen: 1.068 ug/l  
RT: 10.435 min Scan# 1442  
Delta R.T. 0.012 min  
Lab File: VN088084.D  
Acq: 23 Oct 2025 12:23

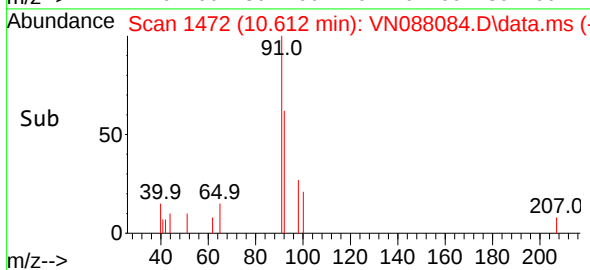
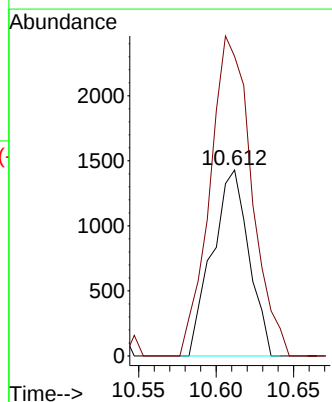
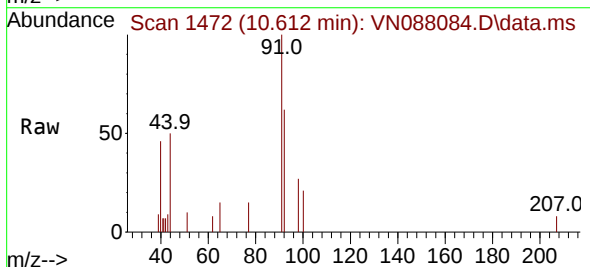
Instrument :  
MSVOA\_N  
ClientSampleId :  
IBLK

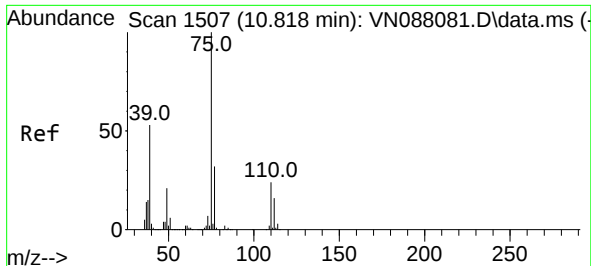
Tgt Ion: 43 Resp: 5651  
Ion Ratio Lower Upper  
43 100  
58 34.8 29.6 44.4



#52  
Toluene  
Concen: 0.277 ug/l  
RT: 10.612 min Scan# 1472  
Delta R.T. 0.006 min  
Lab File: VN088084.D  
Acq: 23 Oct 2025 12:23

Tgt Ion: 92 Resp: 2350  
Ion Ratio Lower Upper  
92 100  
91 195.9 140.4 210.6

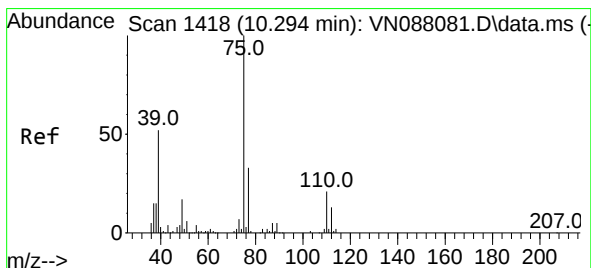
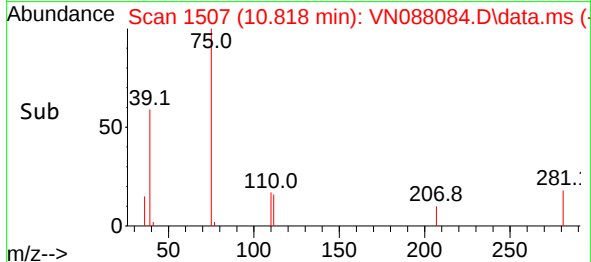
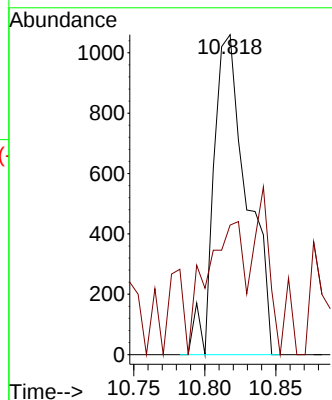
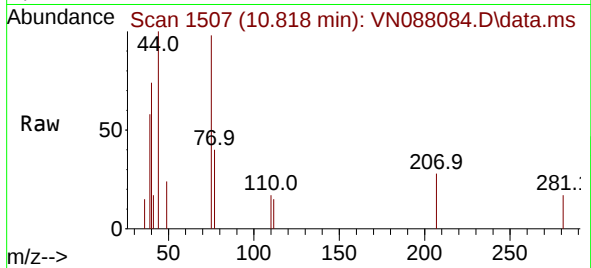




#53  
t-1,3-Dichloropropene  
Concen: 0.330 ug/l  
RT: 10.818 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN088084.D  
Acq: 23 Oct 2025 12:23

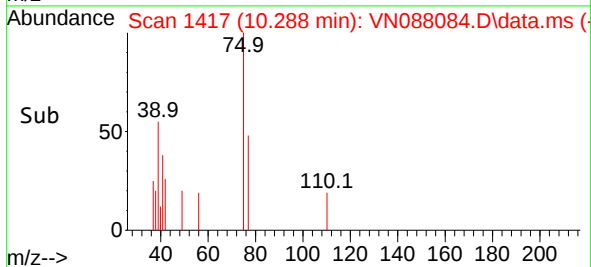
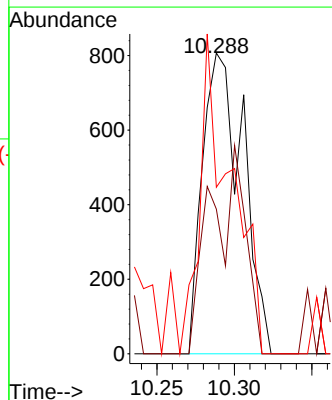
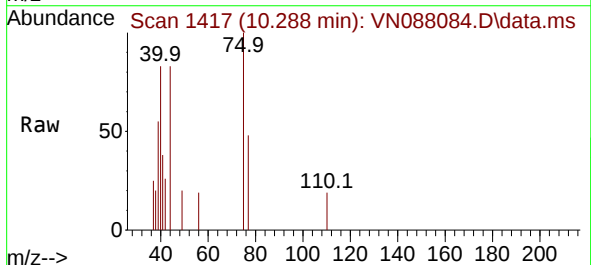
Instrument :  
MSVOA\_N  
ClientSampleId :  
IBLK

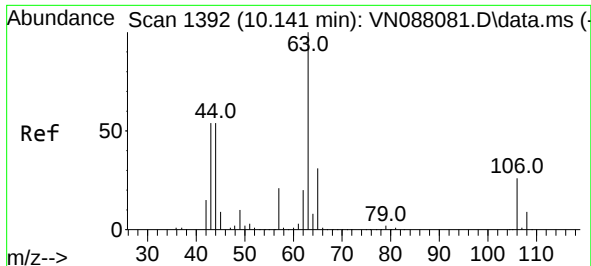
Tgt Ion: 75 Resp: 1740  
Ion Ratio Lower Upper  
75 100  
77 40.5 25.2 37.8#



#54  
cis-1,3-Dichloropropene  
Concen: 0.261 ug/l  
RT: 10.288 min Scan# 1417  
Delta R.T. 0.000 min  
Lab File: VN088084.D  
Acq: 23 Oct 2025 12:23

Tgt Ion: 75 Resp: 1462  
Ion Ratio Lower Upper  
75 100  
77 48.1 24.6 37.0#  
39 55.4 45.2 67.8

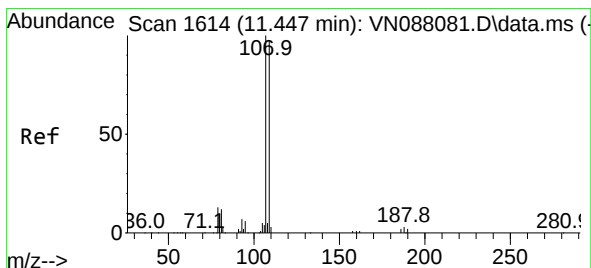
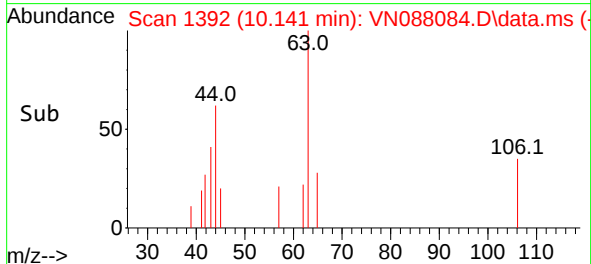
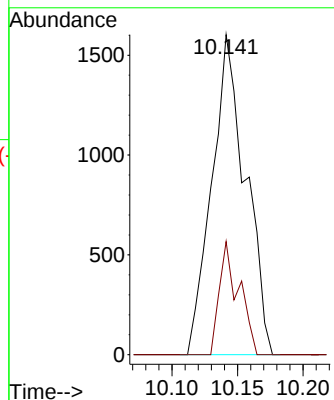
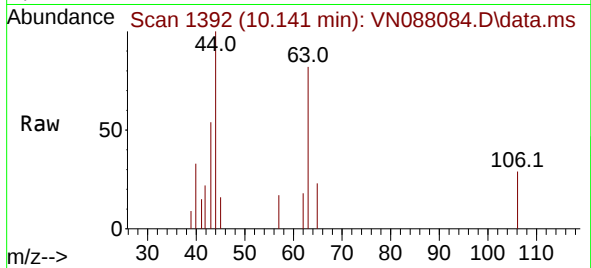




#58  
2-Chloroethyl Vinyl ether  
Concen: 1.084 ug/l  
RT: 10.141 min Scan# 1392  
Delta R.T. 0.000 min  
Lab File: VN088084.D  
Acq: 23 Oct 2025 12:23

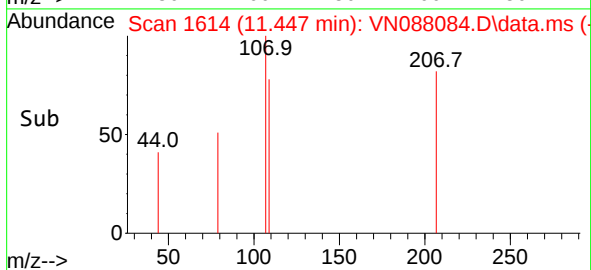
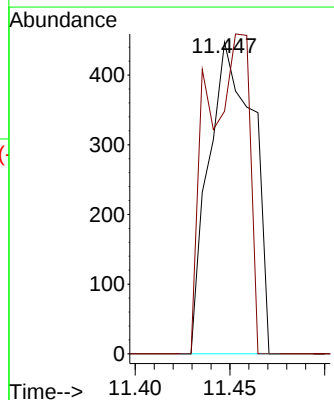
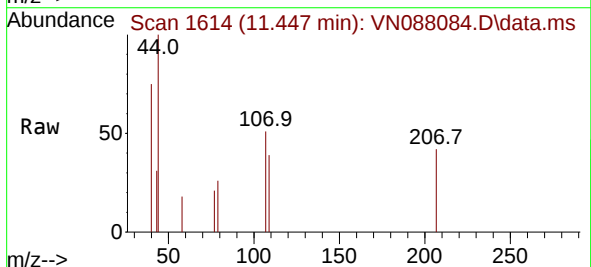
Instrument :  
MSVOA\_N  
ClientSampleId :  
IBLK

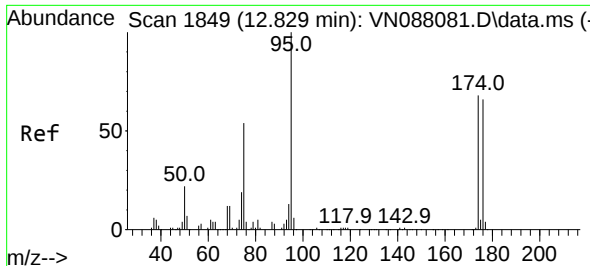
Tgt Ion: 63 Resp: 2868  
Ion Ratio Lower Upper  
63 100  
106 20.5 21.1 31.7#



#61  
1,2-Dibromoethane  
Concen: 0.220 ug/l  
RT: 11.447 min Scan# 1614  
Delta R.T. 0.000 min  
Lab File: VN088084.D  
Acq: 23 Oct 2025 12:23

Tgt Ion: 107 Resp: 728  
Ion Ratio Lower Upper  
107 100  
109 96.7 74.7 112.1

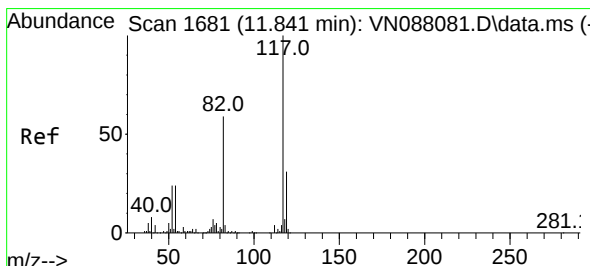
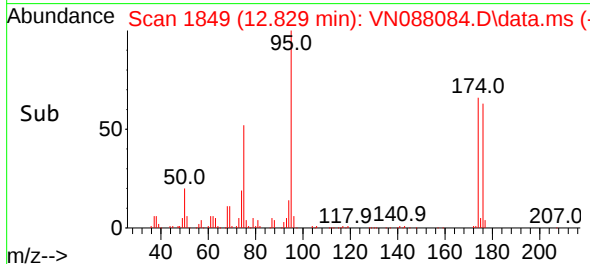
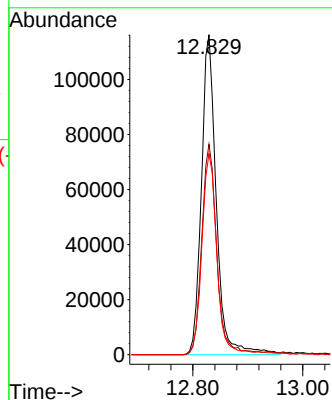
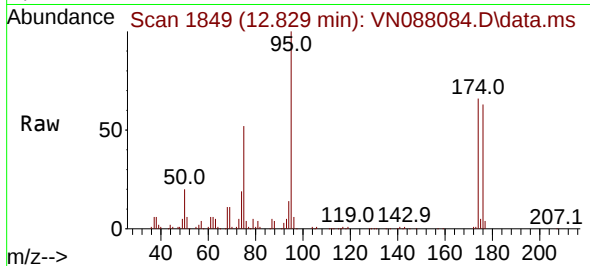




#62  
4-Bromofluorobenzene  
Concen: 52.098 ug/l  
RT: 12.829 min Scan# 1849  
Delta R.T. 0.006 min  
Lab File: VN088084.D  
Acq: 23 Oct 2025 12:23

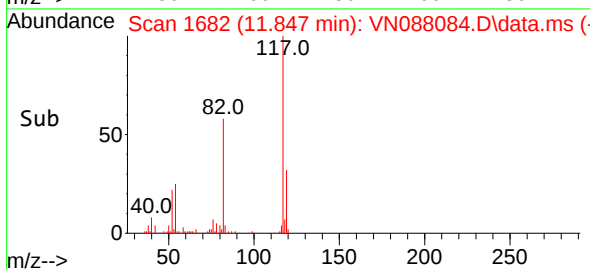
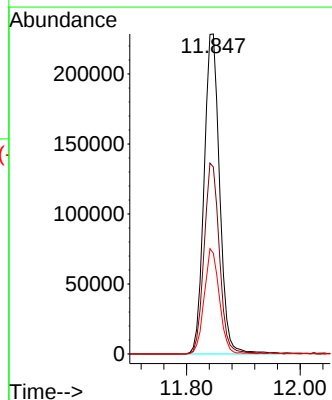
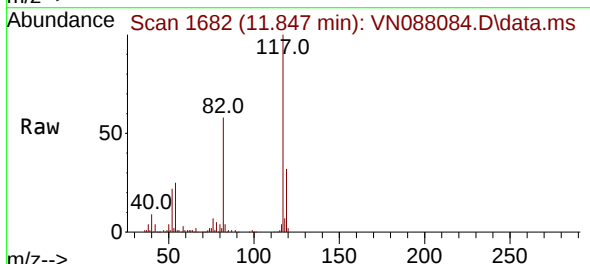
Instrument :  
MSVOA\_N  
ClientSampleId :  
IBLK

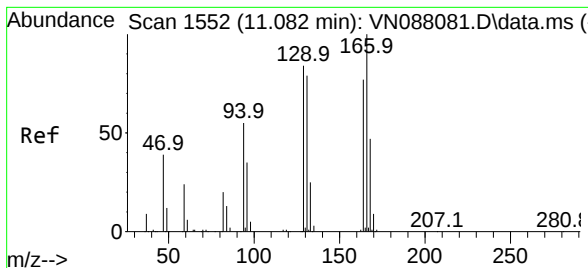
Tgt Ion: 95 Resp: 219099  
Ion Ratio Lower Upper  
95 100  
174 66.4 0.0 138.4  
176 63.4 0.0 132.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.847 min Scan# 1682  
Delta R.T. 0.006 min  
Lab File: VN088084.D  
Acq: 23 Oct 2025 12:23

Tgt Ion: 117 Resp: 434340  
Ion Ratio Lower Upper  
117 100  
82 58.5 47.4 71.2  
119 31.5 24.3 36.5





#64

Tetrachloroethene

Concen: 0.534 ug/l

RT: 11.077 min Scan# 1551

Delta R.T. -0.006 min

Lab File: VN088084.D

Acq: 23 Oct 2025 12:23

Instrument :

MSVOA\_N

ClientSampleId :

IBLK

Tgt Ion:164 Resp: 1530

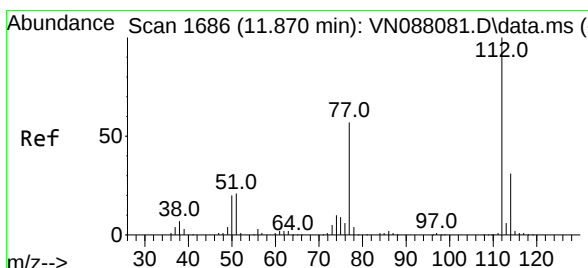
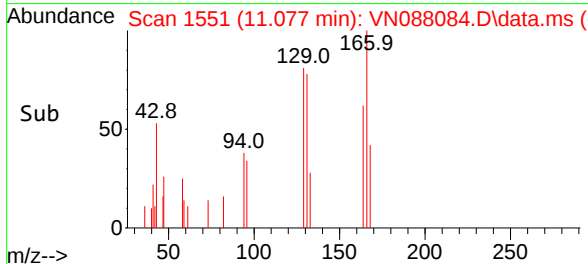
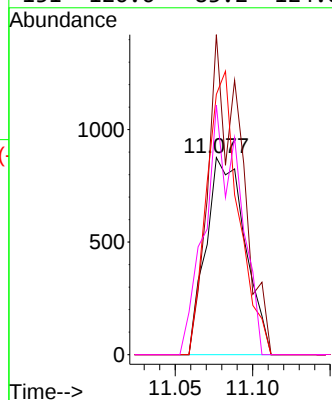
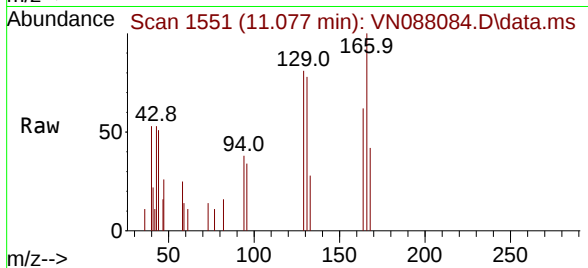
Ion Ratio Lower Upper

164 100

166 162.3 97.7 146.5#

129 132.1 85.9 128.9#

131 126.6 83.2 124.8#



#65

Chlorobenzene

Concen: 0.378 ug/l

RT: 11.877 min Scan# 1687

Delta R.T. 0.006 min

Lab File: VN088084.D

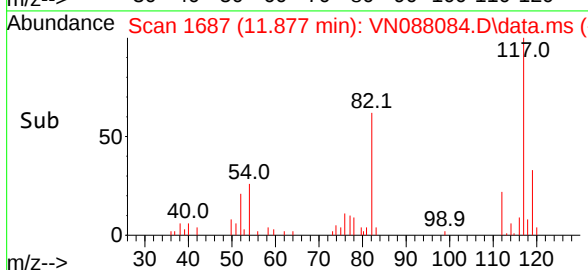
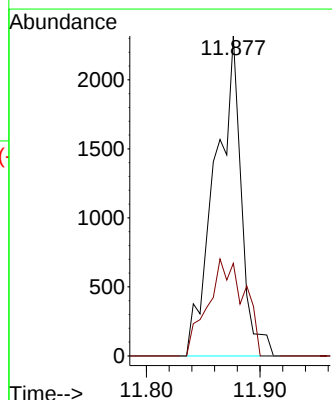
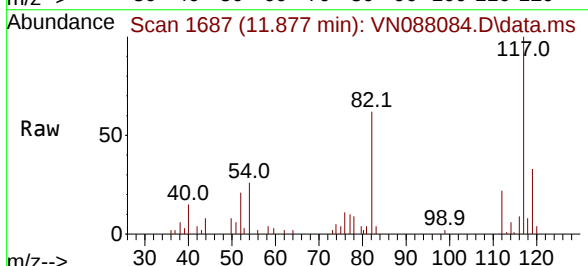
Acq: 23 Oct 2025 12:23

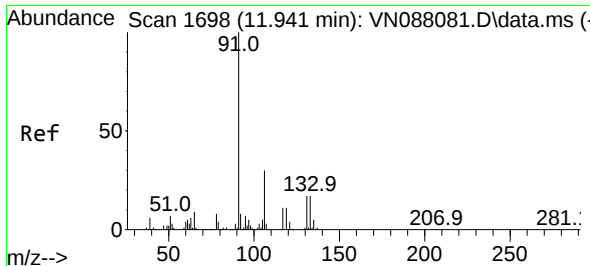
Tgt Ion:112 Resp: 3727

Ion Ratio Lower Upper

112 100

114 28.9 24.3 36.5





#67

Ethyl Benzene

Concen: 0.352 ug/l

RT: 11.947 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VN088084.D

Acq: 23 Oct 2025 12:23

Instrument :

MSVOA\_N

ClientSampleId :

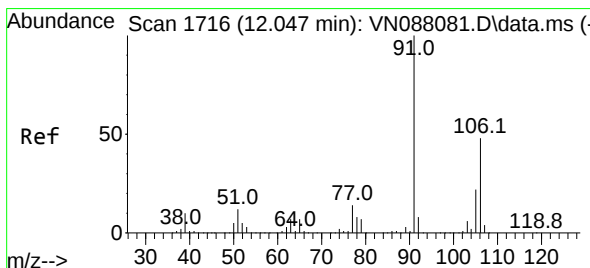
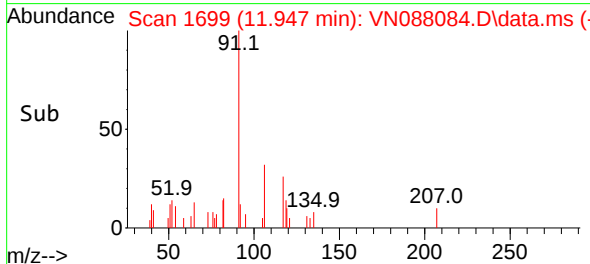
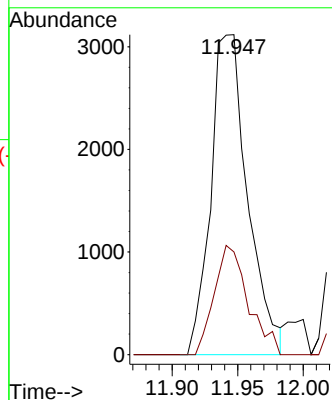
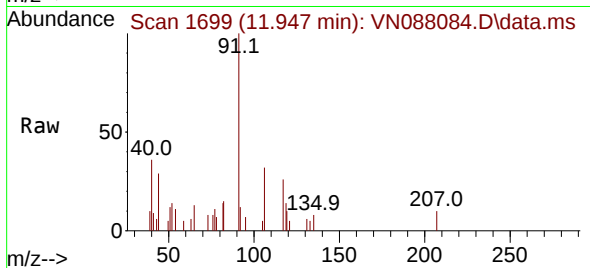
IBLK

Tgt Ion: 91 Resp: 6098

Ion Ratio Lower Upper

91 100

106 32.1 24.1 36.1



#68

m/p-Xylenes

Concen: 0.762 ug/l

RT: 12.053 min Scan# 1717

Delta R.T. 0.006 min

Lab File: VN088084.D

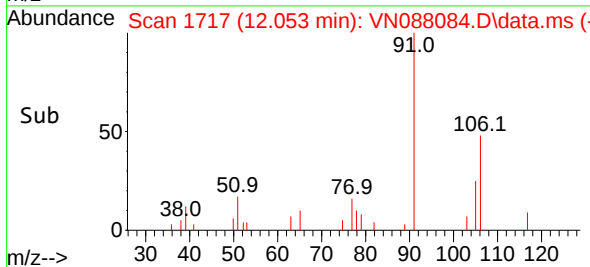
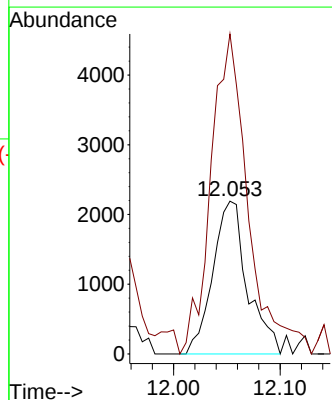
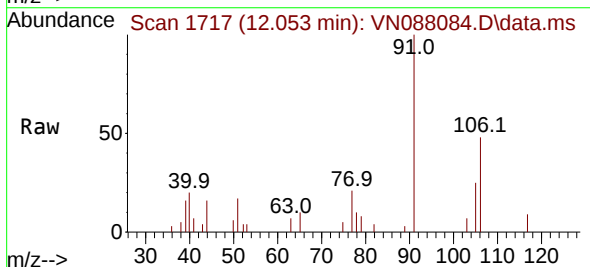
Acq: 23 Oct 2025 12:23

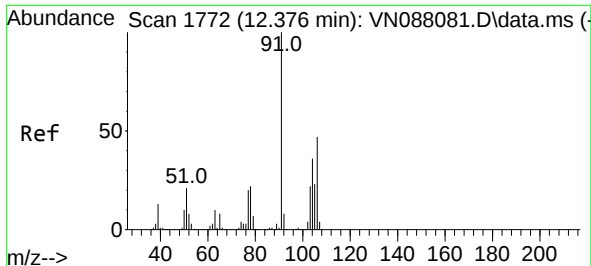
Tgt Ion: 106 Resp: 4943

Ion Ratio Lower Upper

106 100

91 224.8 169.3 253.9

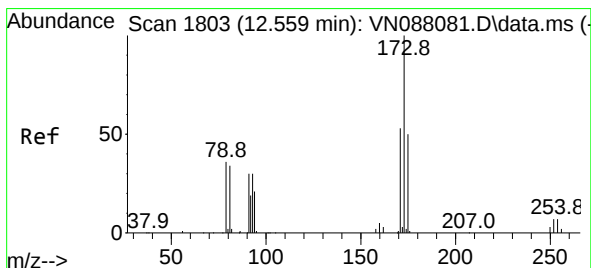
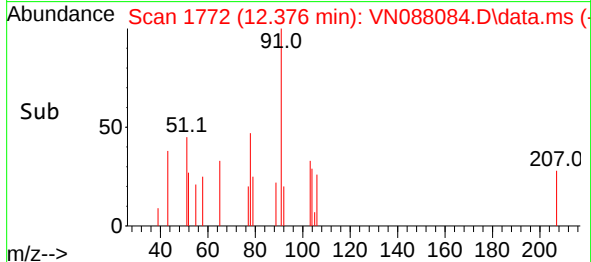
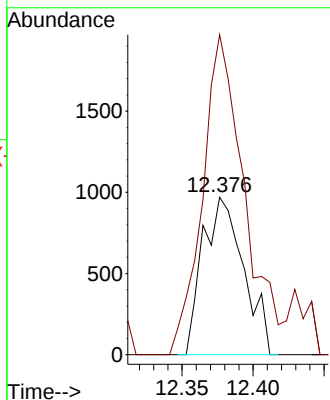
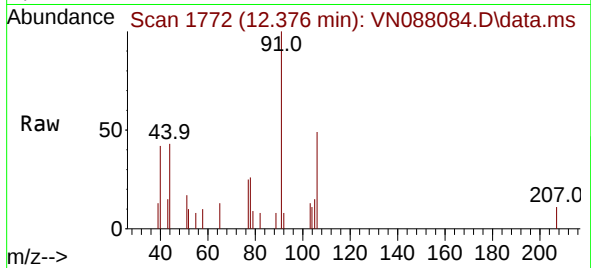




#69  
o-Xylene  
Concen: 0.315 ug/l  
RT: 12.376 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN088084.D  
Acq: 23 Oct 2025 12:23

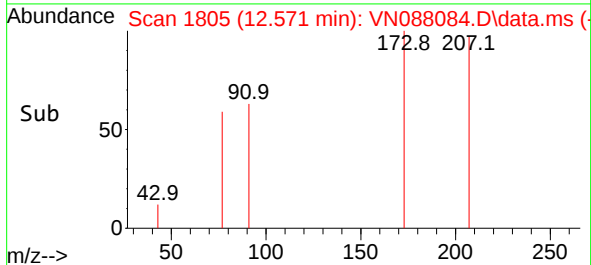
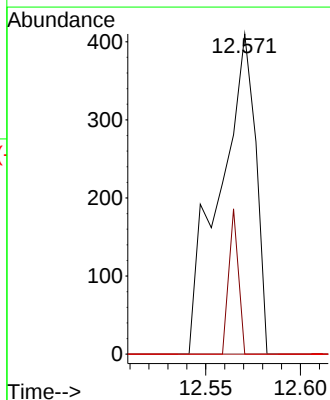
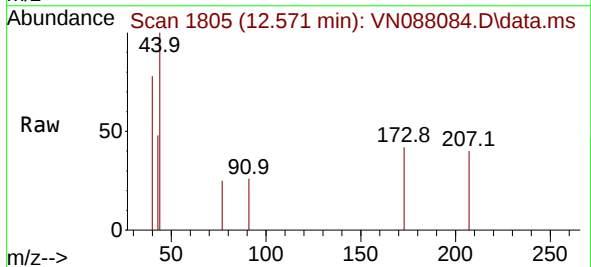
Instrument :  
MSVOA\_N  
ClientSampleId :  
IBLK

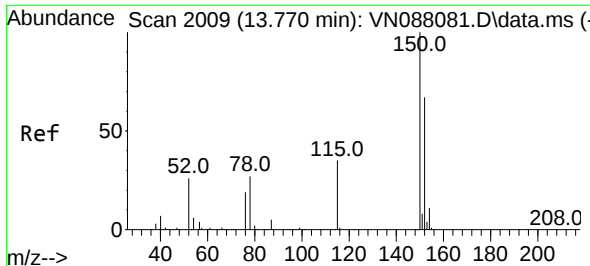
Tgt Ion:106 Resp: 1939  
Ion Ratio Lower Upper  
106 100  
91 210.5 111.4 334.2



#71  
Bromoform  
Concen: 0.225 ug/l  
RT: 12.571 min Scan# 1805  
Delta R.T. 0.012 min  
Lab File: VN088084.D  
Acq: 23 Oct 2025 12:23

Tgt Ion:173 Resp: 542  
Ion Ratio Lower Upper  
173 100  
175 0.0 24.9 74.6#  
254 0.0 0.1 0.1#

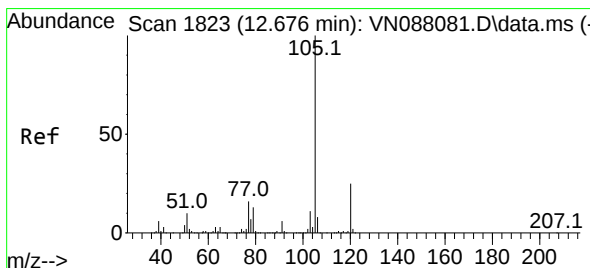
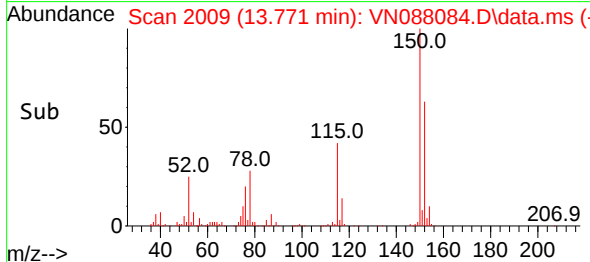
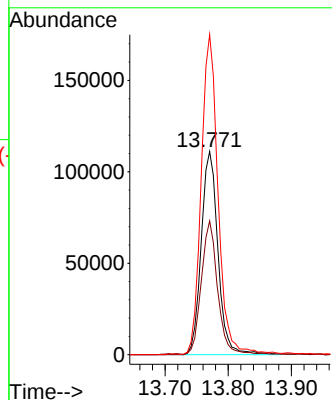
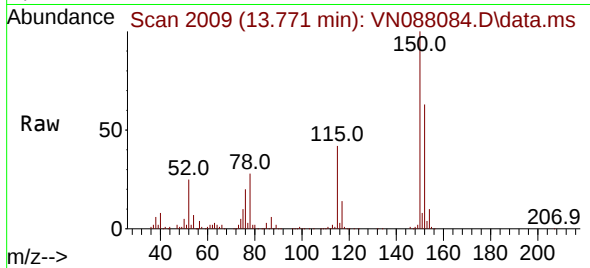




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.771 min Scan# 2009  
Delta R.T. 0.006 min  
Lab File: VN088084.D  
Acq: 23 Oct 2025 12:23

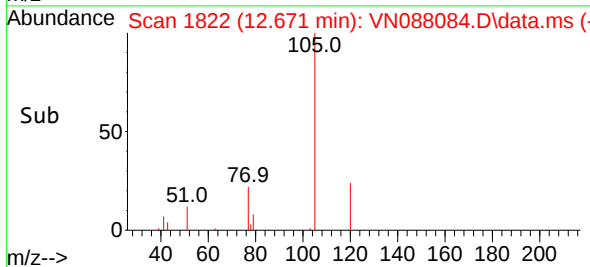
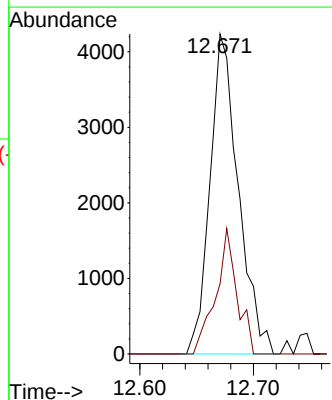
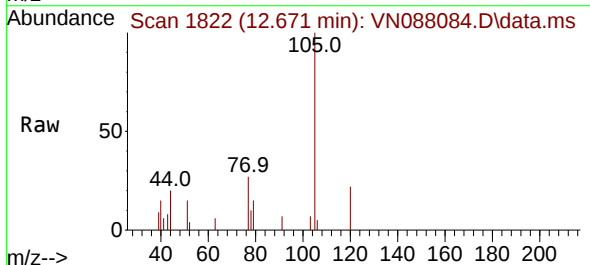
Instrument :  
MSVOA\_N  
ClientSampleId :  
IBLK

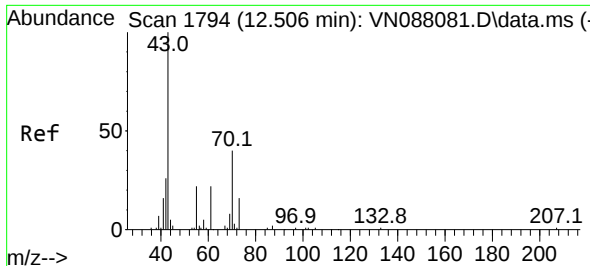
Tgt Ion:152 Resp: 205575  
Ion Ratio Lower Upper  
152 100  
115 64.3 32.3 96.8  
150 157.3 0.0 351.0



#73  
Isopropylbenzene  
Concen: 0.464 ug/l  
RT: 12.671 min Scan# 1822  
Delta R.T. 0.000 min  
Lab File: VN088084.D  
Acq: 23 Oct 2025 12:23

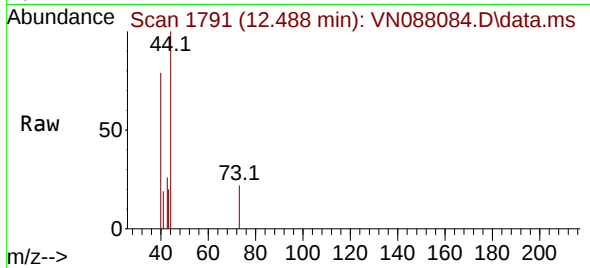
Tgt Ion:105 Resp: 7358  
Ion Ratio Lower Upper  
105 100  
120 29.3 12.8 38.3





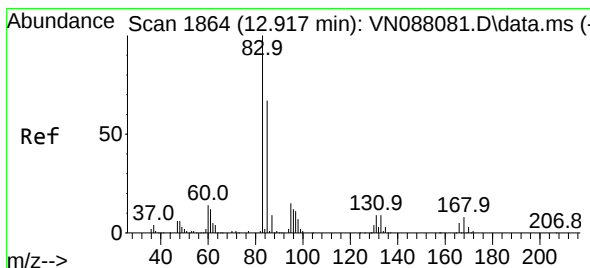
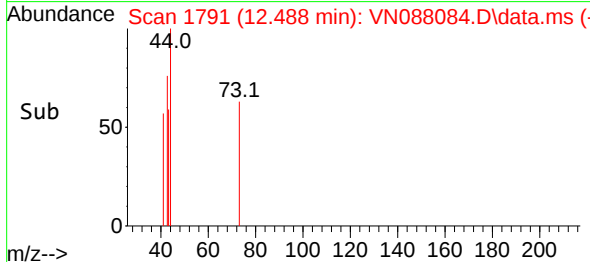
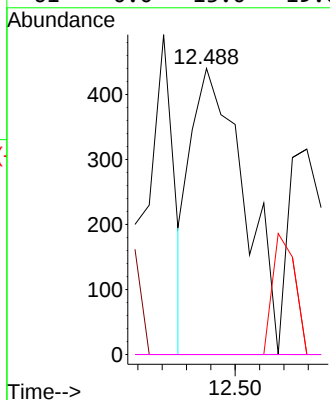
#74  
N-amy1 acetate  
Concen: Below Cal  
RT: 12.488 min Scan# 1794  
Delta R.T. -0.012 min  
Lab File: VN088084.D  
Acq: 23 Oct 2025 12:23

Instrument :  
MSVOA\_N  
ClientSampleId :  
IBLK



Tgt Ion: 43 Resp: 669

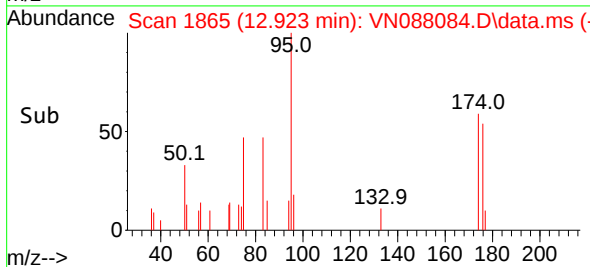
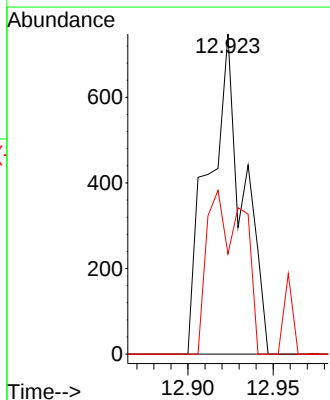
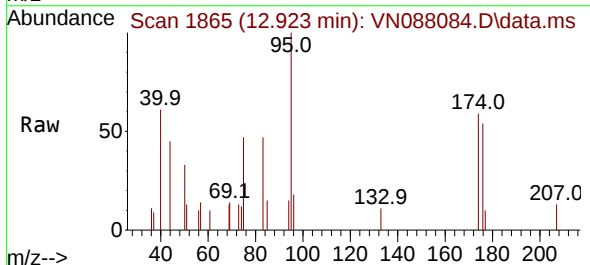
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 70  | 0.0   | 27.6  | 41.4# |
| 55  | 0.0   | 13.0  | 19.6# |
| 61  | 0.0   | 13.0  | 19.6# |

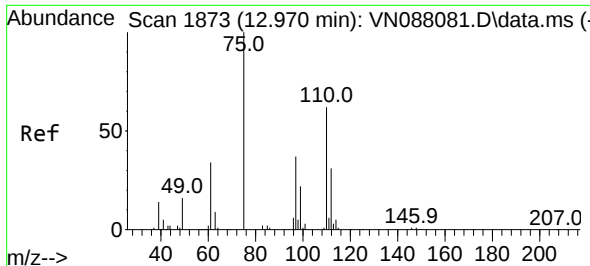


#75  
1,1,2,2-Tetrachloroethane  
Concen: 0.214 ug/l  
RT: 12.923 min Scan# 1865  
Delta R.T. 0.006 min  
Lab File: VN088084.D  
Acq: 23 Oct 2025 12:23

Tgt Ion: 83 Resp: 1056

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 131 | 0.0   | 4.8   | 14.4# |
| 85  | 53.8  | 32.1  | 96.3  |

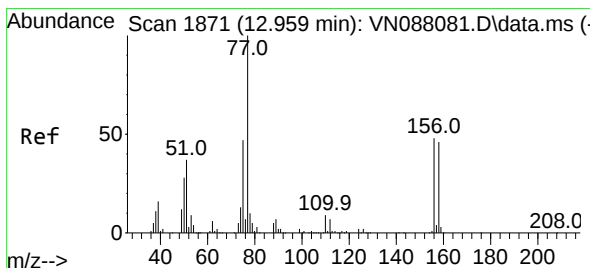
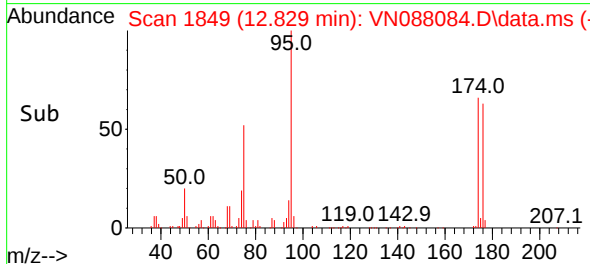
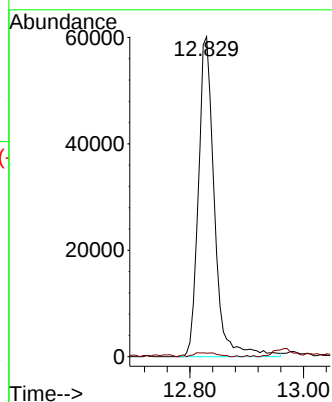
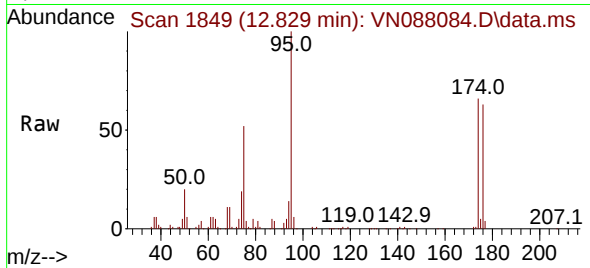




#76  
1,2,3-Trichloropropane  
Concen: 25.091 ug/l  
RT: 12.829 min Scan# 1849  
Delta R.T. -0.141 min  
Lab File: VN088084.D  
Acq: 23 Oct 2025 12:23

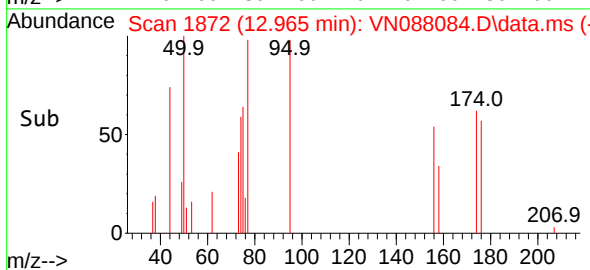
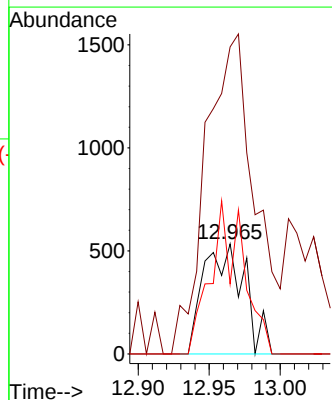
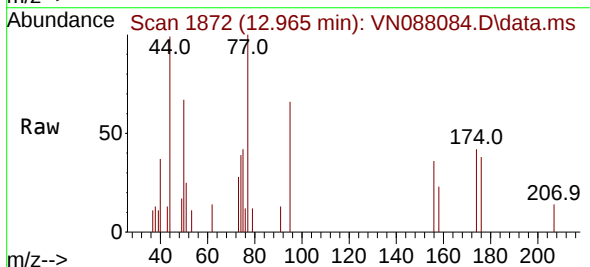
Instrument :  
MSVOA\_N  
ClientSampleId :  
IBLK

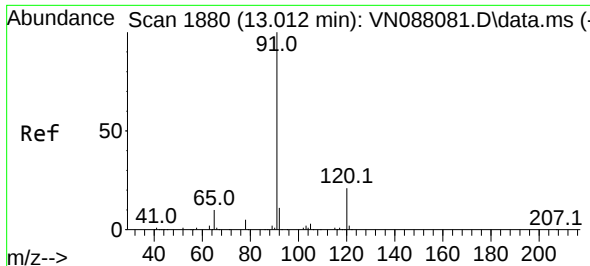
Tgt Ion: 75 Resp: 117929  
Ion Ratio Lower Upper  
75 100  
77 1.8 89.1 267.4#



#77  
Bromobenzene  
Concen: 0.314 ug/l  
RT: 12.965 min Scan# 1872  
Delta R.T. 0.006 min  
Lab File: VN088084.D  
Acq: 23 Oct 2025 12:23

Tgt Ion:156 Resp: 1075  
Ion Ratio Lower Upper  
156 100  
77 345.2 119.3 358.0  
158 110.0 48.2 144.6

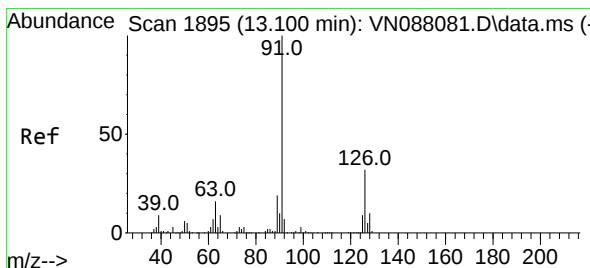
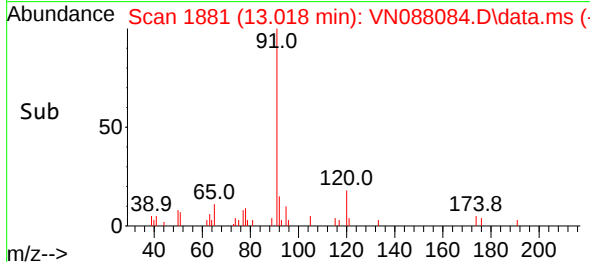
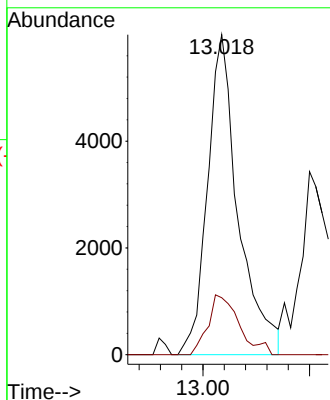
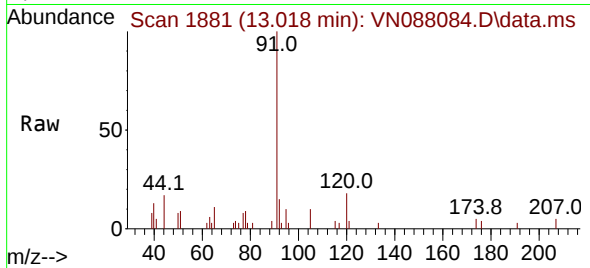




#78  
n-propylbenzene  
Concen: 0.620 ug/l  
RT: 13.018 min Scan# 1881  
Delta R.T. 0.006 min  
Lab File: VN088084.D  
Acq: 23 Oct 2025 12:23

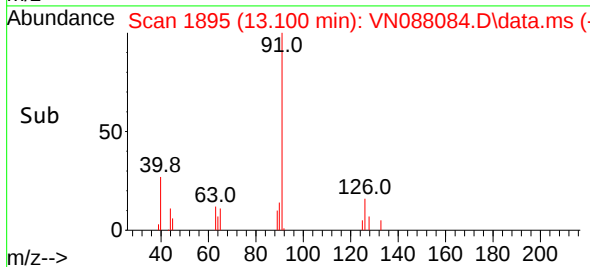
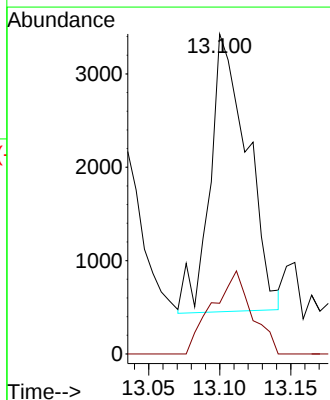
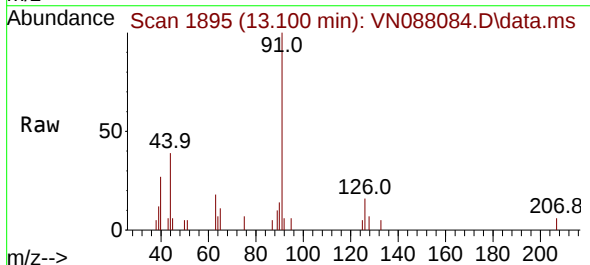
Instrument :  
MSVOA\_N  
ClientSampleId :  
IBLK

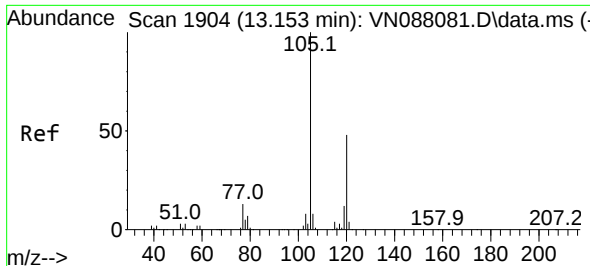
Tgt Ion: 91 Resp: 11990  
Ion Ratio Lower Upper  
91 100  
120 18.9 10.7 32.1



#79  
2-Chlorotoluene  
Concen: 0.492 ug/l  
RT: 13.100 min Scan# 1895  
Delta R.T. 0.000 min  
Lab File: VN088084.D  
Acq: 23 Oct 2025 12:23

Tgt Ion: 91 Resp: 5428  
Ion Ratio Lower Upper  
91 100  
126 31.7 16.1 48.3

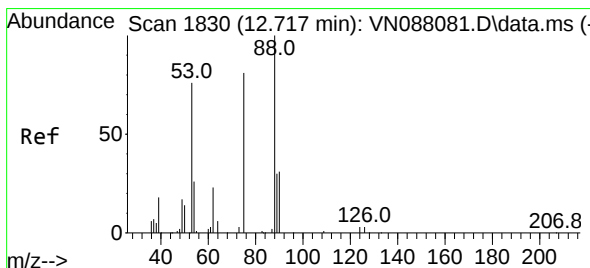
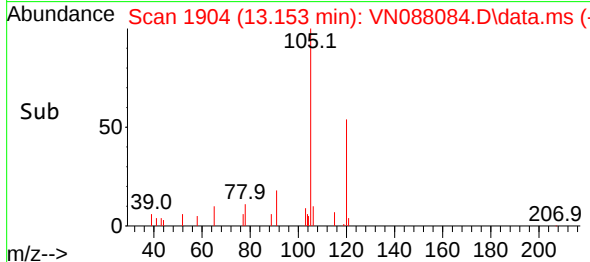
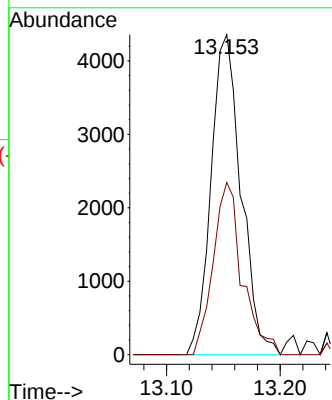
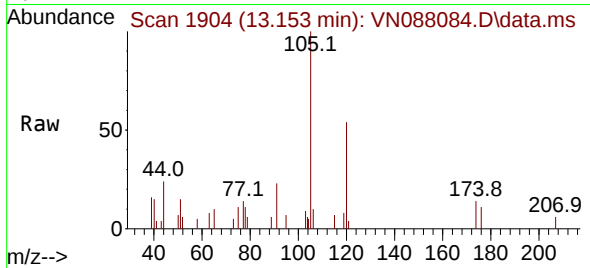




#80  
1,3,5-Trimethylbenzene  
Concen: 0.607 ug/l  
RT: 13.153 min Scan# 1904  
Delta R.T. 0.000 min  
Lab File: VN088084.D  
Acq: 23 Oct 2025 12:23

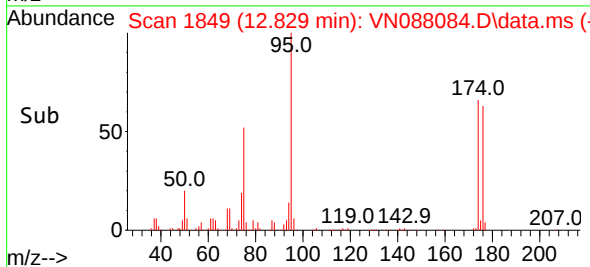
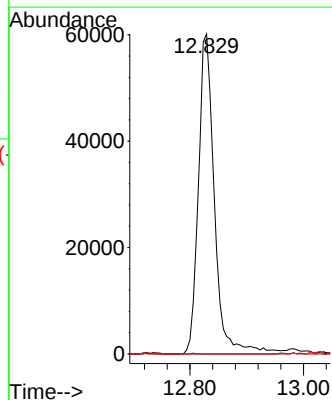
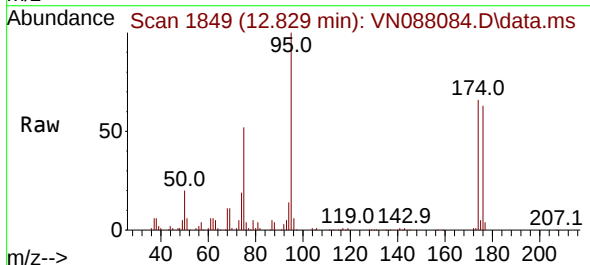
Instrument :  
MSVOA\_N  
ClientSampleId :  
IBLK

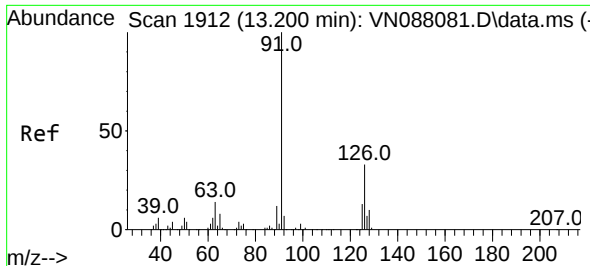
Tgt Ion:105 Resp: 7989  
Ion Ratio Lower Upper  
105 100  
120 52.2 23.2 69.6



#81  
trans-1,4-Dichloro-2-butene  
Concen: 69.992 ug/l  
RT: 12.829 min Scan# 1849  
Delta R.T. 0.112 min  
Lab File: VN088084.D  
Acq: 23 Oct 2025 12:23

Tgt Ion: 75 Resp: 117929  
Ion Ratio Lower Upper  
75 100  
53 0.0 101.8 152.6#  
89 0.0 35.6 53.4#

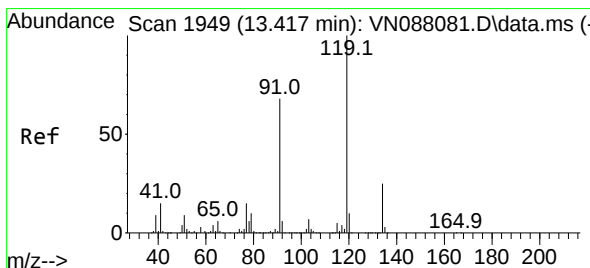
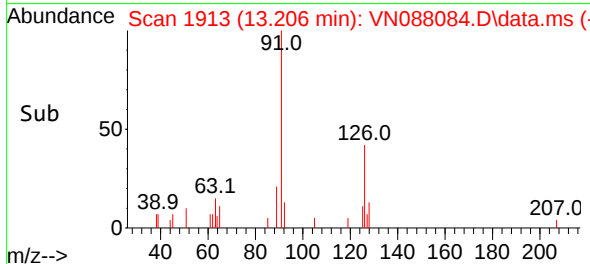
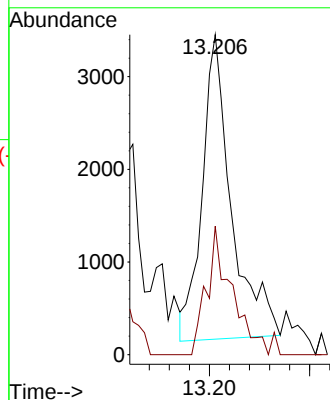
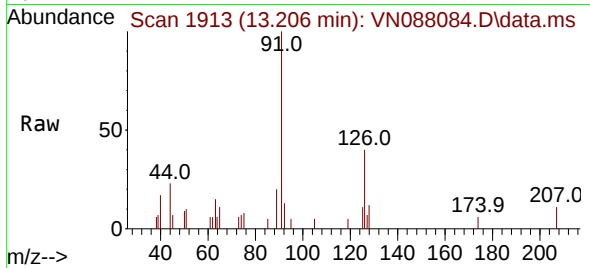




#82  
4-Chlorotoluene  
Concen: 0.558 ug/l  
RT: 13.206 min Scan# 1913  
Delta R.T. 0.006 min  
Lab File: VN088084.D  
Acq: 23 Oct 2025 12:23

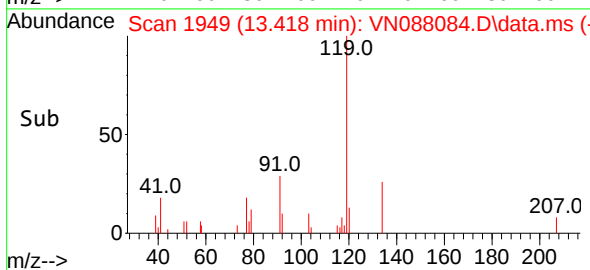
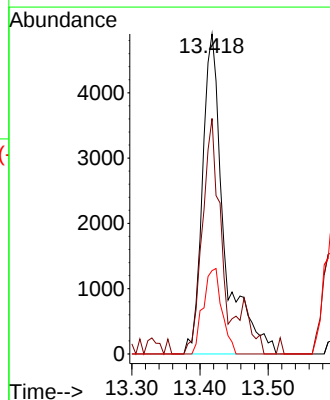
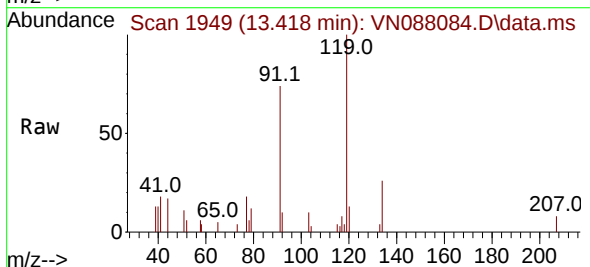
Instrument :  
MSVOA\_N  
ClientSampleId :  
IBLK

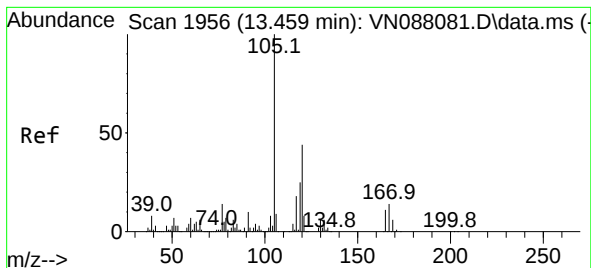
Tgt Ion: 91 Resp: 6659  
Ion Ratio Lower Upper  
91 100  
126 36.1 15.6 46.8



#83  
tert-Butylbenzene  
Concen: 0.925 ug/l  
RT: 13.418 min Scan# 1949  
Delta R.T. 0.000 min  
Lab File: VN088084.D  
Acq: 23 Oct 2025 12:23

Tgt Ion: 119 Resp: 10881  
Ion Ratio Lower Upper  
119 100  
91 59.9 35.0 105.0  
134 22.9 12.6 37.8





#84

1,2,4-Trimethylbenzene

Concen: 0.617 ug/l

RT: 13.465 min Scan# 1956

Delta R.T. 0.006 min

Lab File: VN088084.D

Acq: 23 Oct 2025 12:23

Instrument :

MSVOA\_N

ClientSampleId :

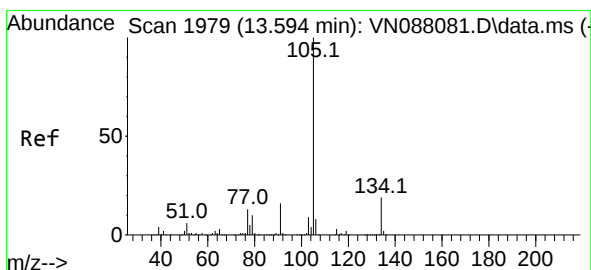
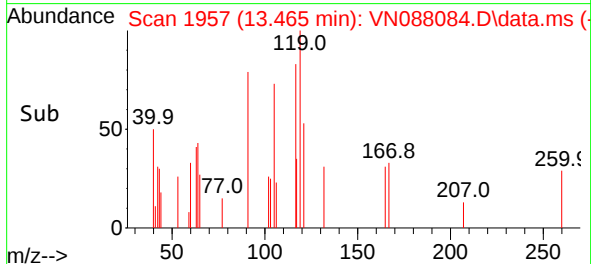
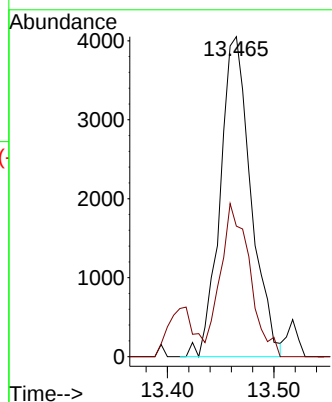
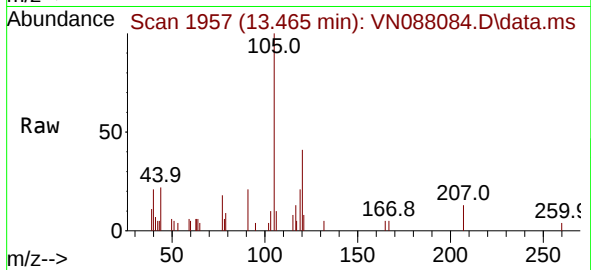
IBLK

Tgt Ion:105 Resp: 8133

Ion Ratio Lower Upper

105 100

120 45.4 22.0 66.0



#85

sec-Butylbenzene

Concen: 0.937 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VN088084.D

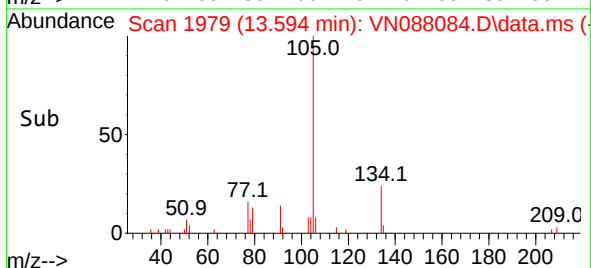
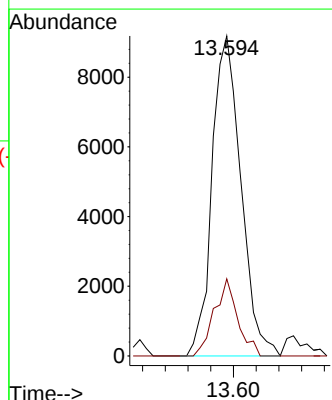
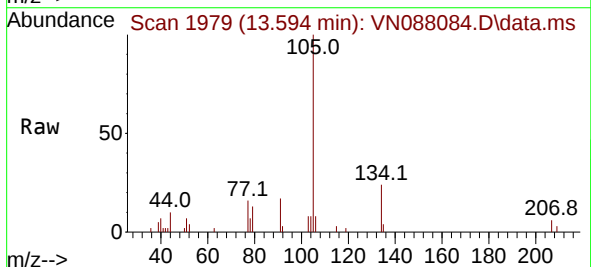
Acq: 23 Oct 2025 12:23

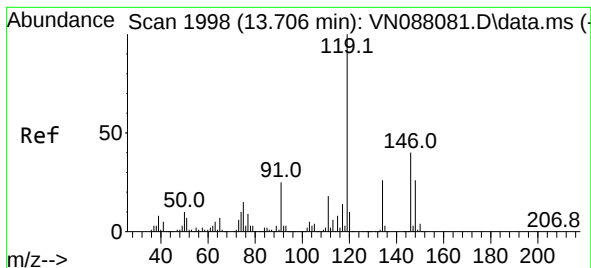
Tgt Ion:105 Resp: 16192

Ion Ratio Lower Upper

105 100

134 19.5 9.6 28.6

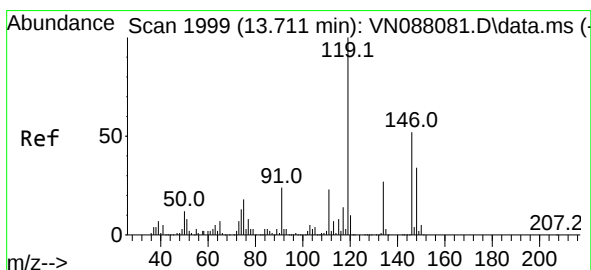
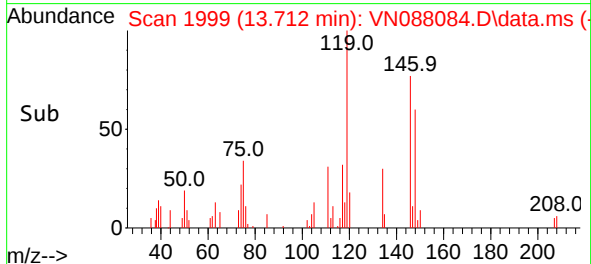
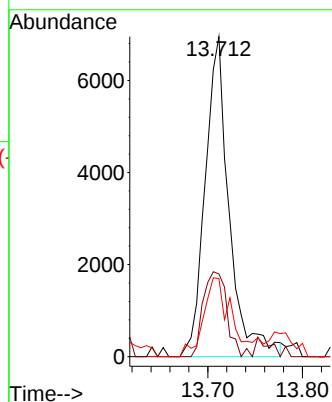
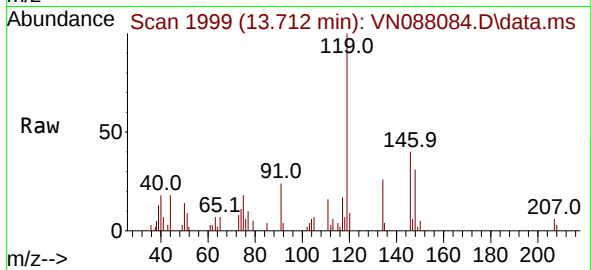




#86  
p-Isopropyltoluene  
Concen: 0.886 ug/l  
RT: 13.712 min Scan# 1999  
Delta R.T. 0.006 min  
Lab File: VN088084.D  
Acq: 23 Oct 2025 12:23

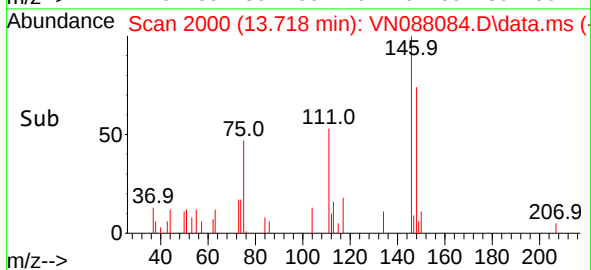
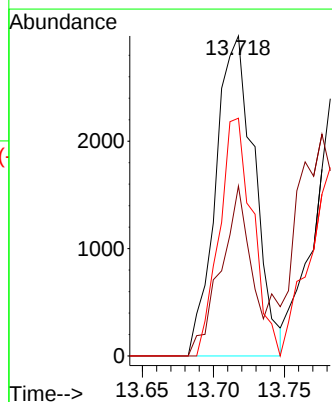
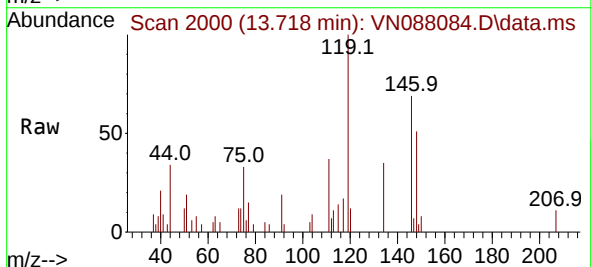
Instrument :  
MSVOA\_N  
ClientSampleId :  
IBLK

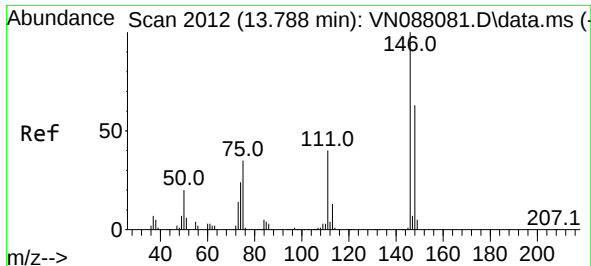
Tgt Ion:119 Resp: 12283  
Ion Ratio Lower Upper  
119 100  
134 25.7 12.7 38.0  
91 28.1 12.5 37.5



#87  
1,3-Dichlorobenzene  
Concen: 0.828 ug/l  
RT: 13.718 min Scan# 2000  
Delta R.T. 0.006 min  
Lab File: VN088084.D  
Acq: 23 Oct 2025 12:23

Tgt Ion:146 Resp: 5651  
Ion Ratio Lower Upper  
146 100  
111 41.5 22.1 66.5  
148 64.0 32.0 96.2

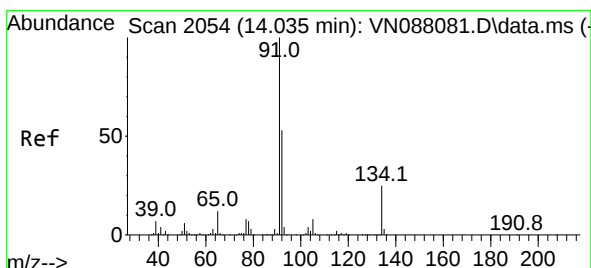
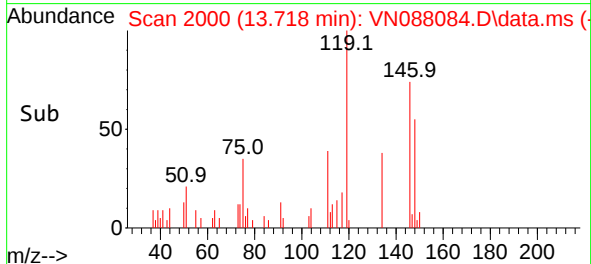
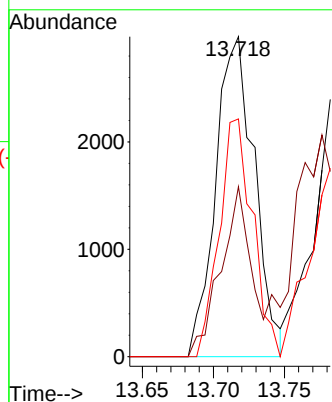
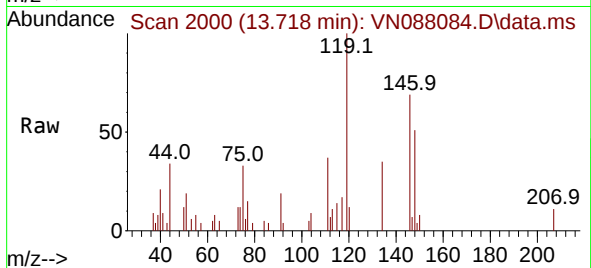




#88  
1,4-Dichlorobenzene  
Concen: 0.771 ug/l  
RT: 13.718 min Scan# 2000  
Delta R.T. -0.071 min  
Lab File: VN088084.D  
Acq: 23 Oct 2025 12:23

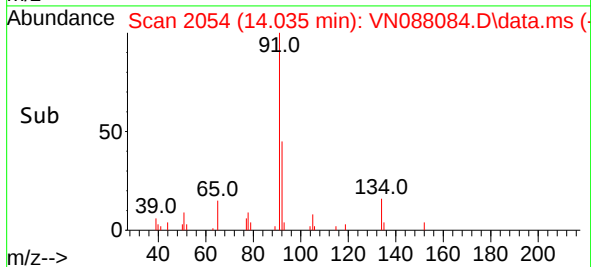
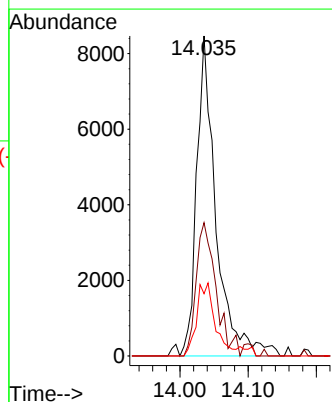
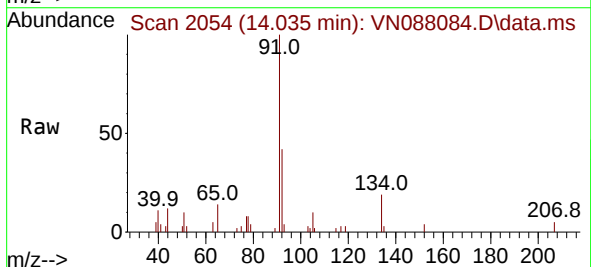
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MSVOA\_N  
ClientSampleId :  
IBLK

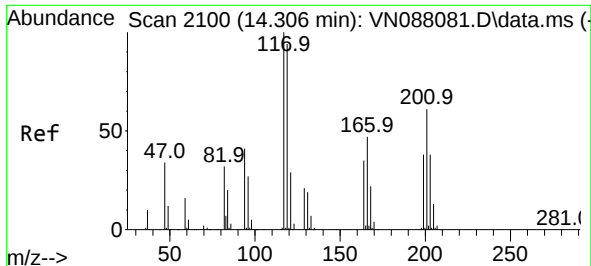
Tgt Ion:146 Resp: 5651  
Ion Ratio Lower Upper  
146 100  
111 41.5 21.0 63.0  
148 64.0 32.0 96.0



#89  
n-Butylbenzene  
Concen: 1.215 ug/l  
RT: 14.035 min Scan# 2054  
Delta R.T. 0.006 min  
Lab File: VN088084.D  
Acq: 23 Oct 2025 12:23

Tgt Ion: 91 Resp: 16686  
Ion Ratio Lower Upper  
91 100  
92 42.5 25.9 77.8  
134 21.8 11.7 35.0

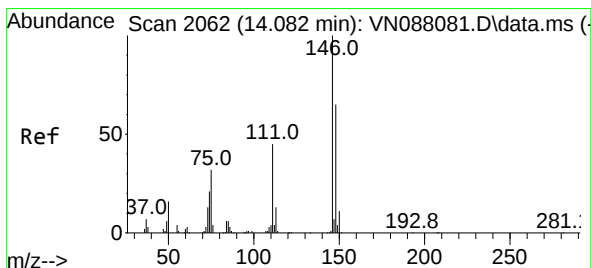
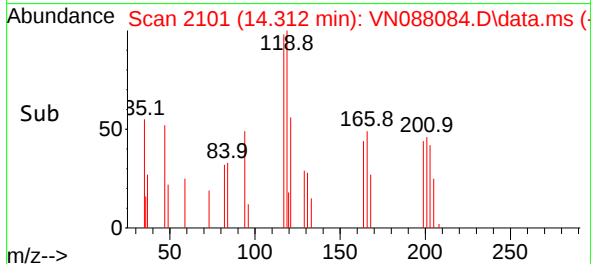
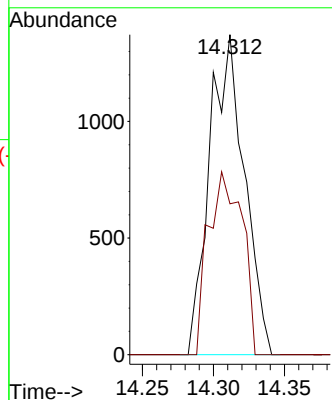
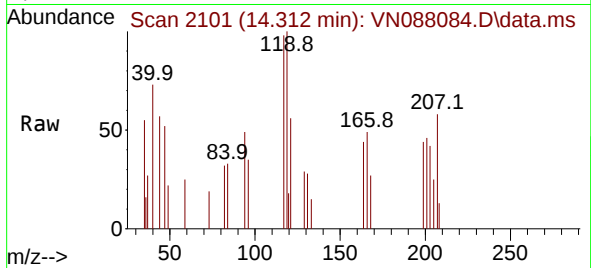




#90  
Hexachloroethane  
Concen: 0.874 ug/l  
RT: 14.312 min Scan# 2101  
Delta R.T. 0.000 min  
Lab File: VN088084.D  
Acq: 23 Oct 2025 12:23

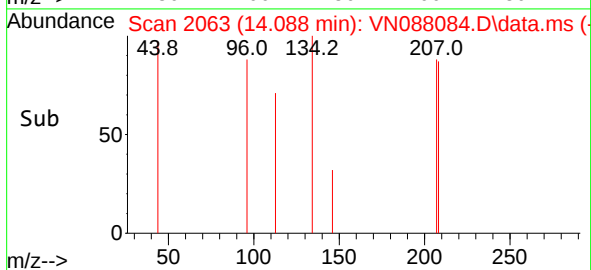
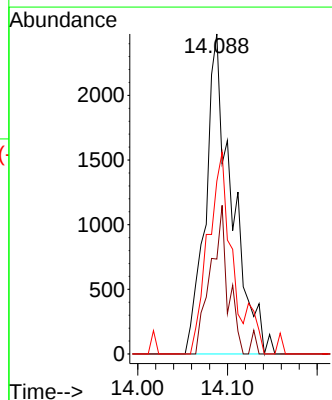
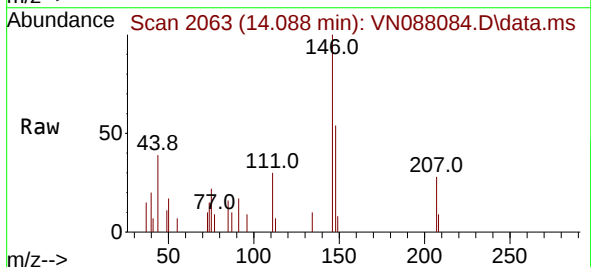
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MSVOA\_N  
ClientSampleId :  
IBLK

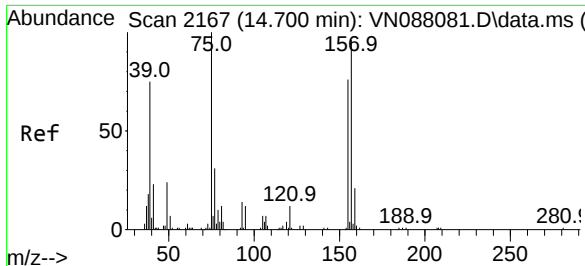
Tgt Ion:117 Resp: 2346  
Ion Ratio Lower Upper  
117 100  
201 55.8 29.1 87.4



#91  
1,2-Dichlorobenzene  
Concen: 0.769 ug/l  
RT: 14.088 min Scan# 2063  
Delta R.T. 0.006 min  
Lab File: VN088084.D  
Acq: 23 Oct 2025 12:23

Tgt Ion:146 Resp: 5058  
Ion Ratio Lower Upper  
146 100  
111 30.7 22.6 67.8  
148 53.2 31.9 95.9





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.758 ug/l

RT: 14.712 min Scan# 2169

Delta R.T. 0.012 min

Lab File: VN088084.D

Acq: 23 Oct 2025 12:23

Instrument :

MSVOA\_N

ClientSampleId :

IBLK

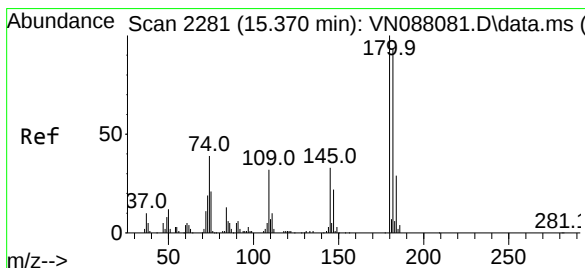
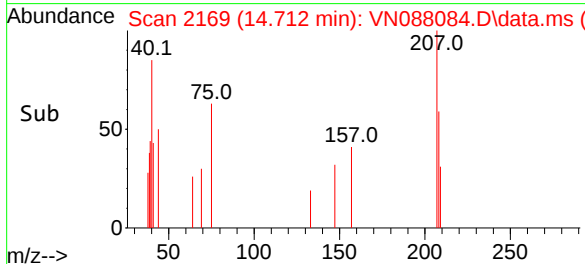
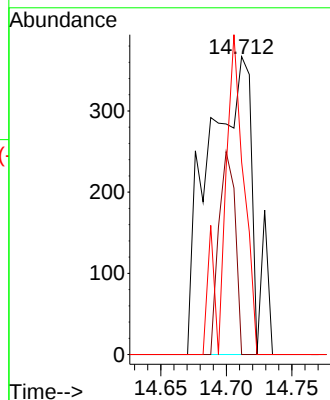
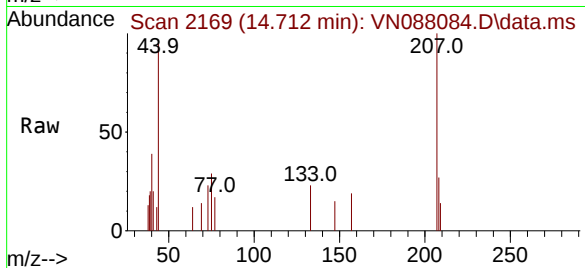
Tgt Ion: 75 Resp: 871

Ion Ratio Lower Upper

75 100

155 24.8 36.6 109.9#

157 47.4 45.6 136.9



#93

1,2,4-Trichlorobenzene

Concen: 1.749 ug/l

RT: 15.365 min Scan# 2280

Delta R.T. 0.000 min

Lab File: VN088084.D

Acq: 23 Oct 2025 12:23

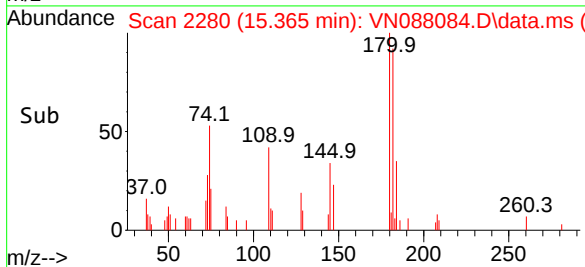
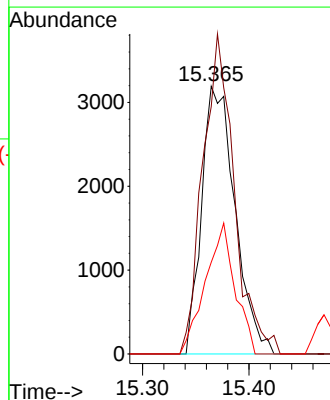
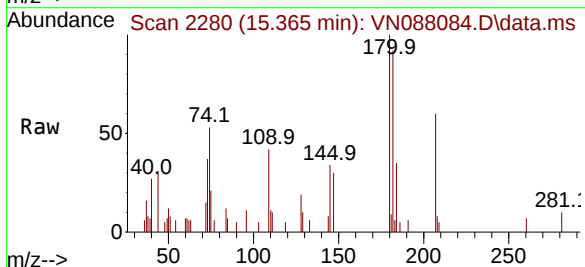
Tgt Ion:180 Resp: 6969

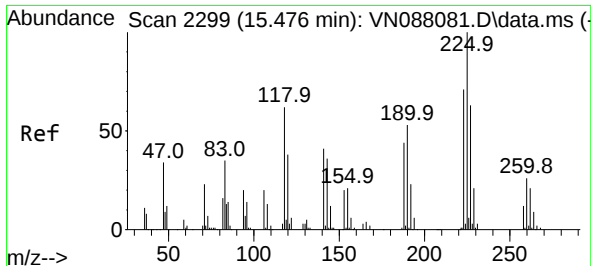
Ion Ratio Lower Upper

180 100

182 112.4 47.6 142.9

145 43.1 16.5 49.5

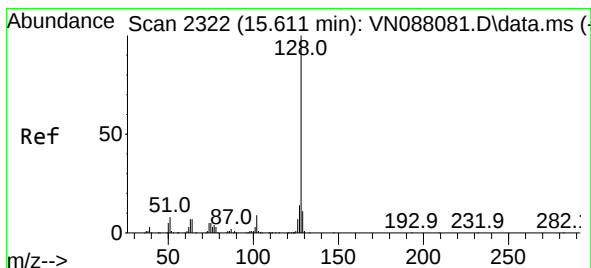
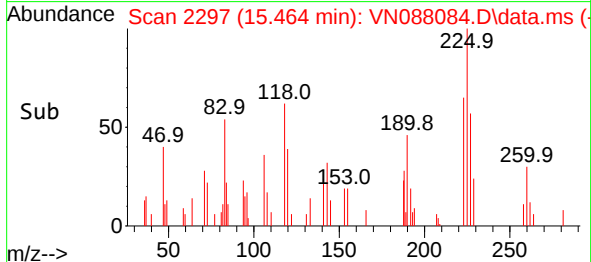
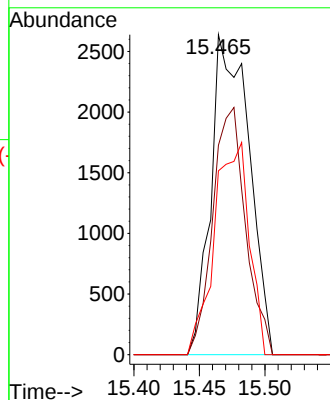
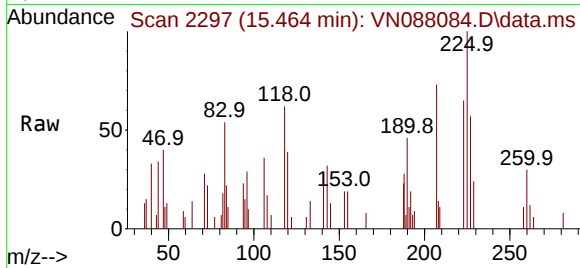




#94  
Hexachlorobutadiene  
Concen: 3.585 ug/l  
RT: 15.464 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: VN088084.D  
Acq: 23 Oct 2025 12:23

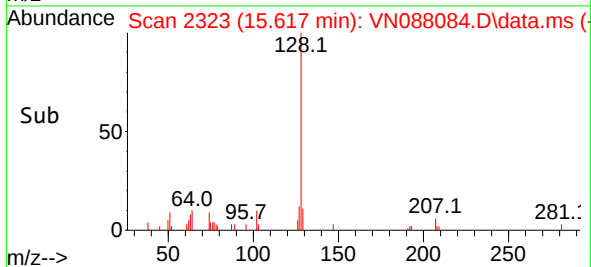
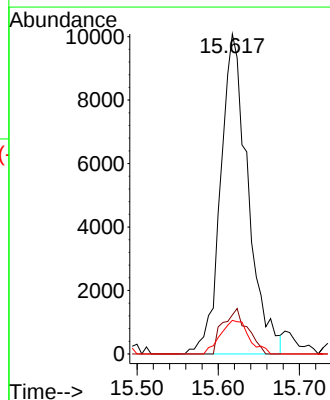
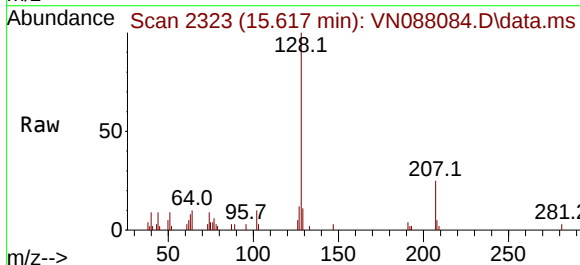
Instrument :  
MSVOA\_N  
ClientSampleId :  
IBLK

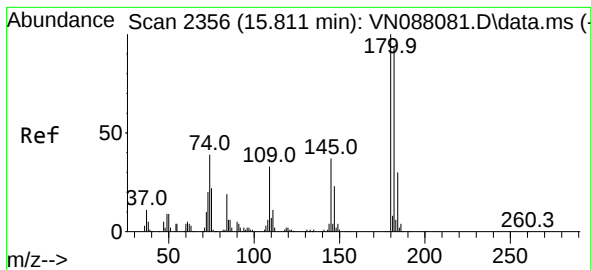
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 225   | Resp: | 5319 |
| Ion Ratio | Lower | Upper |      |
| 225       | 100   |       |      |
| 223       | 66.8  | 32.0  | 96.2 |
| 227       | 60.6  | 32.1  | 96.5 |



#95  
Naphthalene  
Concen: 1.732 ug/l  
RT: 15.617 min Scan# 2323  
Delta R.T. 0.006 min  
Lab File: VN088084.D  
Acq: 23 Oct 2025 12:23

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 23641 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 127       | 12.8  | 10.6  | 15.8  |
| 129       | 10.9  | 8.6   | 12.8  |





#96  
 1,2,3-Trichlorobenzene  
 Concen: 2.171 ug/l  
 RT: 15.812 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VN088084.D  
 Acq: 23 Oct 2025 12:23

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 IBLK

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 90.4  | 46.8  | 140.3 |
| 145     | 41.9  | 17.3  | 52.0  |

