

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN051325\  
 Data File : VN086593.D  
 Acq On : 13 May 2025 11:45  
 Operator : JC\MD  
 Sample : VN0513WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0513WBS01

Quant Time: May 14 01:39:54 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N041525W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Apr 16 04:19:23 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.224  | 168  | 206275   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.100  | 114  | 368128   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 331562   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.788 | 152  | 150204   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |           |
|-----------------------------|--------|-------|----------|----------|------|-----------|
| System Monitoring Compounds |        |       |          |          |      |           |
| 33) 1,2-Dichloroethane-d4   | 8.576  | 65    | 139858   | 46.757   | ug/l | 0.00      |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 93.520%   |
| 35) Dibromofluoromethane    | 8.165  | 113   | 107537   | 62.941   | ug/l | 0.00      |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 125.880%# |
| 50) Toluene-d8              | 10.565 | 98    | 451956   | 49.496   | ug/l | 0.00      |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 99.000%   |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 162645   | 48.834   | ug/l | 0.00      |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =    | 97.660%   |

|                              |       |     |        |         |        |    |
|------------------------------|-------|-----|--------|---------|--------|----|
| Target Compounds             |       |     |        | Qvalue  |        |    |
| 2) Dichlorodifluoromethane   | 2.124 | 85  | 48782  | 19.950  | ug/l   | 99 |
| 3) Chloromethane             | 2.359 | 50  | 65226  | 18.354  | ug/l   | 98 |
| 4) Vinyl Chloride            | 2.512 | 62  | 61222  | 18.053  | ug/l   | 98 |
| 5) Bromomethane              | 2.953 | 94  | 35204  | 23.078  | ug/l   | 98 |
| 6) Chloroethane              | 3.124 | 64  | 40549  | 17.865  | ug/l   | 96 |
| 7) Trichlorofluoromethane    | 3.500 | 101 | 71504  | 19.035  | ug/l   | 94 |
| 8) Diethyl Ether             | 3.965 | 74  | 28055  | 17.108  | ug/l   | 93 |
| 9) 1,1,2-Trichlorotrifluo... | 4.371 | 101 | 43136  | 18.982  | ug/l   | 97 |
| 10) Methyl Iodide            | 4.583 | 142 | 51210  | 20.497  | ug/l   | 99 |
| 11) Tert butyl alcohol       | 5.518 | 59  | 46015  | 84.313  | ug/l   | 98 |
| 12) 1,1-Dichloroethene       | 4.341 | 96  | 43972  | 18.112  | ug/l   | 98 |
| 13) Acrolein                 | 4.183 | 56  | 30066  | 109.673 | ug/l   | 97 |
| 14) Allyl chloride           | 5.024 | 41  | 63580  | 14.731  | ug/l   | 96 |
| 15) Acrylonitrile            | 5.718 | 53  | 116444 | 86.309  | ug/l   | 99 |
| 16) Acetone                  | 4.424 | 43  | 93999  | 87.176  | ug/l   | 96 |
| 17) Carbon Disulfide         | 4.712 | 76  | 118565 | 16.310  | ug/l   | 98 |
| 18) Methyl Acetate           | 5.024 | 43  | 53299  | 14.844  | ug/l   | 99 |
| 19) Methyl tert-butyl Ether  | 5.788 | 73  | 152495 | 17.087  | ug/l   | 98 |
| 20) Methylene Chloride       | 5.277 | 84  | 52169  | 18.866  | ug/l   | 92 |
| 21) trans-1,2-Dichloroethene | 5.783 | 96  | 46696  | 18.397  | ug/l   | 91 |
| 22) Diisopropyl ether        | 6.671 | 45  | 153072 | 16.304  | ug/l # | 96 |
| 23) Vinyl Acetate            | 6.600 | 43  | 569803 | 86.818  | ug/l   | 98 |
| 24) 1,1-Dichloroethane       | 6.565 | 63  | 87631  | 17.690  | ug/l   | 99 |
| 25) 2-Butanone               | 7.477 | 43  | 152064 | 81.674  | ug/l   | 98 |
| 26) 2,2-Dichloropropane      | 7.488 | 77  | 76500  | 17.248  | ug/l   | 99 |
| 27) cis-1,2-Dichloroethene   | 7.488 | 96  | 56944  | 18.075  | ug/l   | 94 |
| 28) Bromochloromethane       | 7.812 | 49  | 36405  | 17.332  | ug/l   | 89 |
| 29) Tetrahydrofuran          | 7.835 | 42  | 100298 | 80.559  | ug/l   | 95 |
| 30) Chloroform               | 7.959 | 83  | 88918  | 18.272  | ug/l   | 99 |
| 31) Cyclohexane              | 8.253 | 56  | 79478  | 16.396  | ug/l   | 98 |
| 32) 1,1,1-Trichloroethane    | 8.165 | 97  | 77979  | 18.732  | ug/l   | 92 |
| 36) 1,1-Dichloropropene      | 8.371 | 75  | 62210  | 18.230  | ug/l   | 97 |
| 37) Ethyl Acetate            | 7.559 | 43  | 63441  | 17.658  | ug/l   | 99 |
| 38) Carbon Tetrachloride     | 8.359 | 117 | 63962  | 19.682  | ug/l   | 98 |
| 39) Methylcyclohexane        | 9.600 | 83  | 69276  | 17.079  | ug/l   | 97 |
| 40) Benzene                  | 8.606 | 78  | 205908 | 18.833  | ug/l   | 98 |

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 Sample : VN0513WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0513WBS01

Quant Time: May 14 01:39:54 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N041525W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Apr 16 04:19:23 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.782  | 41   | 35349    | 16.977  | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 67949    | 19.488  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.682  | 43   | 123787   | 17.738  | ug/l   | 97       |
| 44) Trichloroethene           | 9.347  | 130  | 50269    | 19.398  | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.618  | 63   | 50281    | 18.787  | ug/l   | 99       |
| 46) Dibromomethane            | 9.706  | 93   | 34151    | 20.027  | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.888  | 83   | 70548    | 19.155  | ug/l   | 96       |
| 48) Methyl methacrylate       | 9.676  | 41   | 51376    | 16.284  | ug/l   | 96       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 20995    | 391.219 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone      | 10.441 | 43   | 327272   | 88.959  | ug/l   | 98       |
| 52) Toluene                   | 10.629 | 92   | 134393   | 19.699  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 76479    | 18.603  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 81090    | 17.958  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 11.012 | 97   | 48425    | 19.729  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.870 | 69   | 79393    | 17.596  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 11.159 | 76   | 83488    | 19.171  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 166139   | 77.581  | ug/l   | 98       |
| 59) 2-Hexanone                | 11.194 | 43   | 241488   | 88.497  | ug/l   | 98       |
| 60) Dibromochloromethane      | 11.359 | 129  | 52941    | 19.642  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.465 | 107  | 49943    | 20.165  | ug/l   | 99       |
| 64) Tetrachloroethene         | 11.100 | 164  | 48313    | 18.943  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.888 | 112  | 147057   | 19.874  | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 47917    | 19.630  | ug/l   | 100      |
| 67) Ethyl Benzene             | 11.959 | 91   | 257076   | 19.253  | ug/l   | 100      |
| 68) m/p-Xylenes               | 12.065 | 106  | 198193   | 39.614  | ug/l   | 96       |
| 69) o-Xylene                  | 12.394 | 106  | 98359    | 19.880  | ug/l   | 96       |
| 70) Styrene                   | 12.406 | 104  | 161579   | 19.600  | ug/l   | 98       |
| 71) Bromoform                 | 12.576 | 173  | 35369    | 19.245  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.694 | 105  | 234979   | 19.124  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.488 | 43   | 102753   | 16.798  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 71932    | 20.361  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 94758    | 26.733  | ug/l   | 59       |
| 77) Bromobenzene              | 12.976 | 156  | 57805    | 21.232  | ug/l   | 92       |
| 78) n-propylbenzene           | 13.029 | 91   | 273203   | 18.869  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 175413   | 19.361  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 13.170 | 105  | 193448   | 19.236  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 28629    | 19.398  | ug/l   | 87       |
| 82) 4-Chlorotoluene           | 13.217 | 91   | 172092   | 19.122  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.435 | 119  | 164102   | 18.832  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.476 | 105  | 192860   | 18.840  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.611 | 105  | 224807   | 18.600  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.723 | 119  | 185419   | 18.612  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.729 | 146  | 101704   | 19.872  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.811 | 146  | 101847   | 19.758  | ug/l   | 99       |
| 89) n-Butylbenzene            | 14.053 | 91   | 152980   | 17.324  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.329 | 117  | 32269    | 19.257  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 14.100 | 146  | 96991    | 19.547  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.717 | 75   | 12459    | 17.490  | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 15.388 | 180  | 41546    | 17.486  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.494 | 225  | 16054    | 17.900  | ug/l   | 99       |
| 95) Naphthalene               | 15.635 | 128  | 138573   | 16.453  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.835 | 180  | 39351    | 17.494  | ug/l   | 100      |

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Sample : VN0513WBS01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0513WBS01

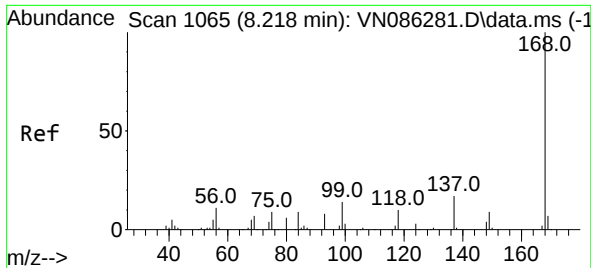
Quant Time: May 14 01:39:54 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N041525W.M  
Quant Title : SW846 8260  
QLast Update : Wed Apr 16 04:19:23 2025  
Response via : Initial Calibration

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

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N041525W.M  
Quant Title : SW846 8260  
QLast Update : Wed Apr 16 04:19:23 2025  
Response via : Initial Calibration

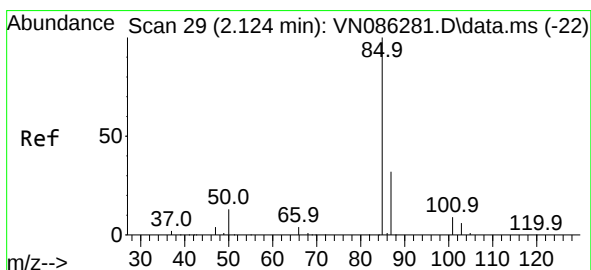
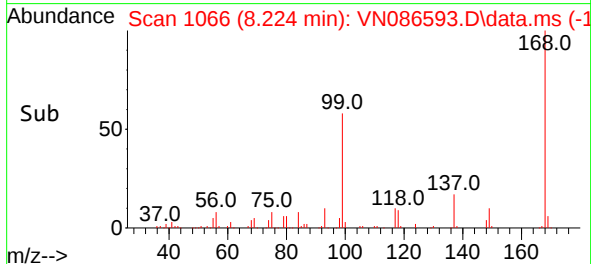
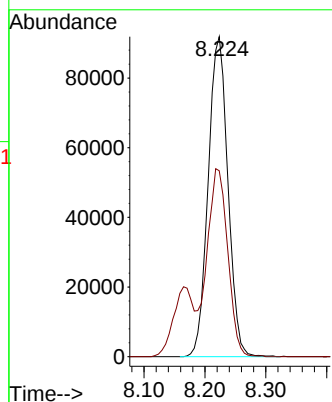
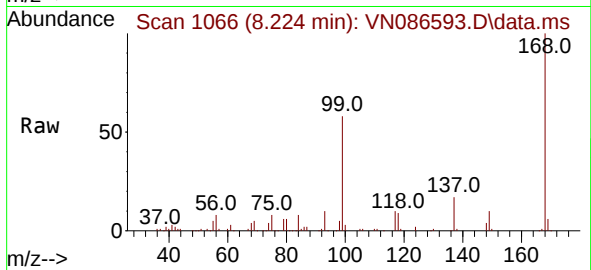




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 10  
Delta R.T. 0.006 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

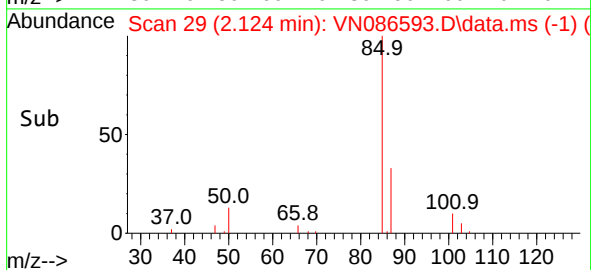
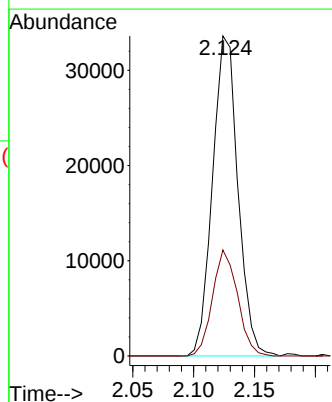
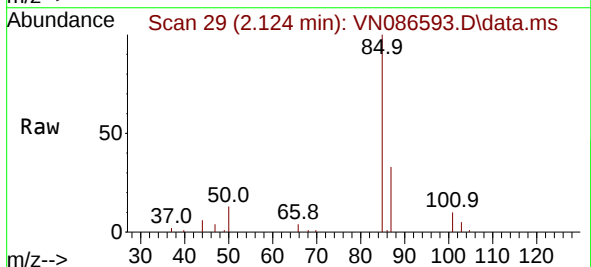
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0513WBS01

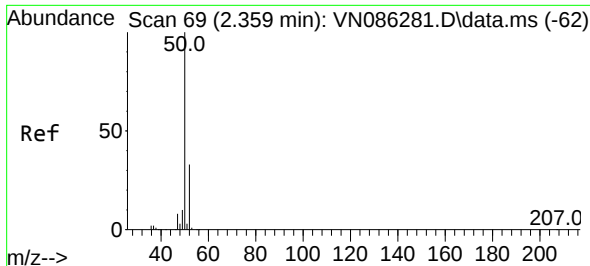
Tgt Ion:168 Resp: 206275  
Ion Ratio Lower Upper  
168 100  
99 58.1 52.5 78.7



#2  
Dichlorodifluoromethane  
Concen: 19.950 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. -0.000 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

Tgt Ion: 85 Resp: 48782  
Ion Ratio Lower Upper  
85 100  
87 33.1 16.3 48.8

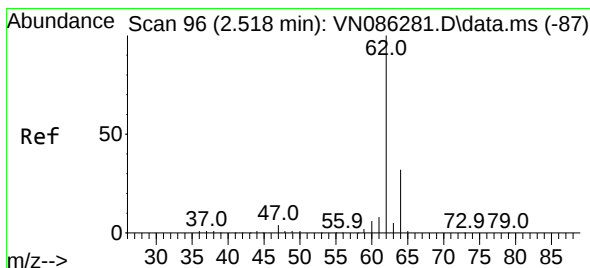
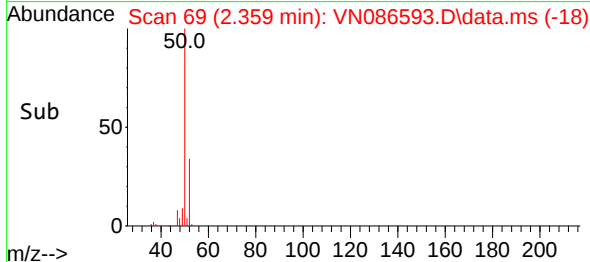
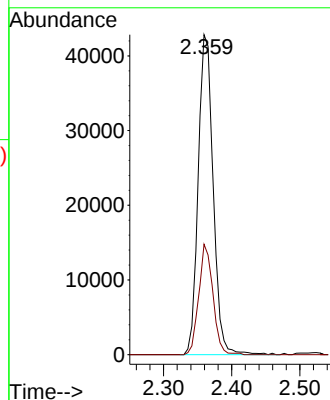
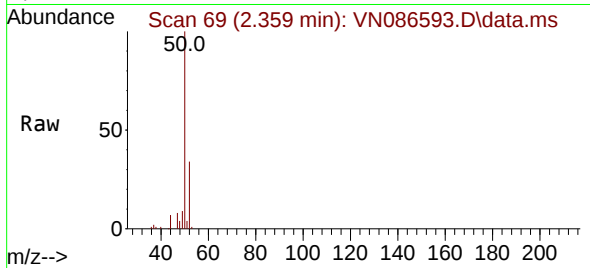




#3  
Chloromethane  
Concen: 18.354 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. -0.000 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

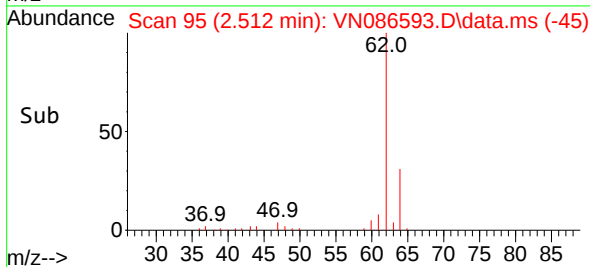
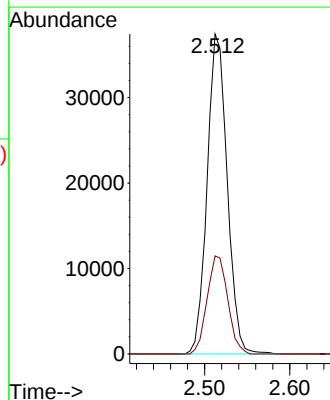
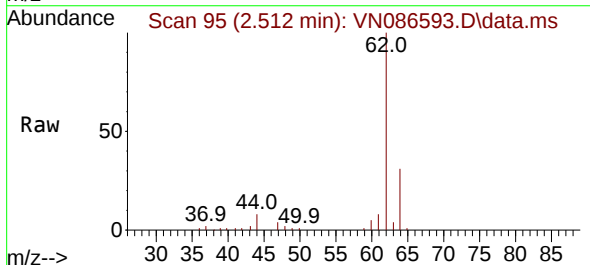
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0513WBS01

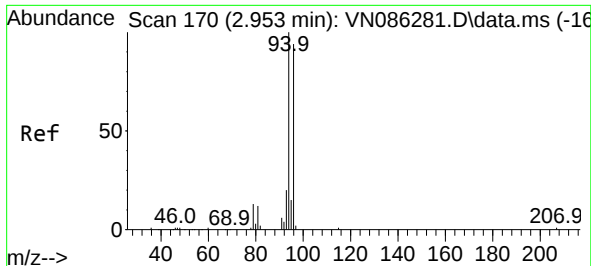
Tgt Ion: 50 Resp: 65226  
Ion Ratio Lower Upper  
50 100  
52 34.5 26.5 39.7



#4  
Vinyl Chloride  
Concen: 18.053 ug/l  
RT: 2.512 min Scan# 95  
Delta R.T. -0.006 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

Tgt Ion: 62 Resp: 61222  
Ion Ratio Lower Upper  
62 100  
64 30.7 25.6 38.4

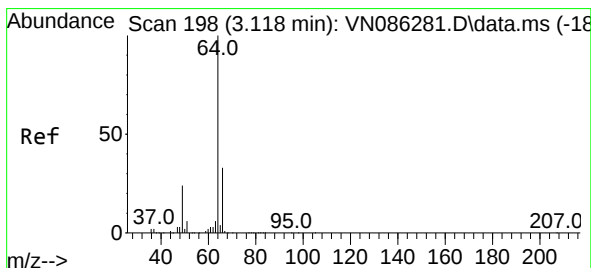
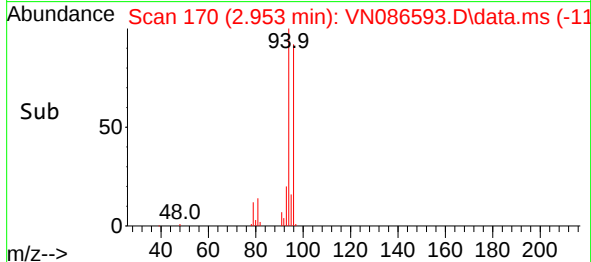
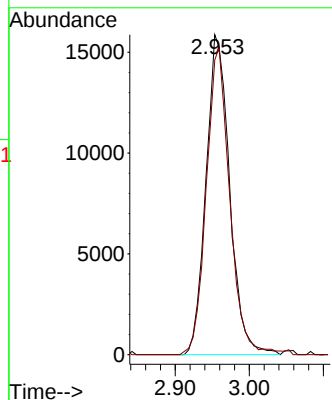
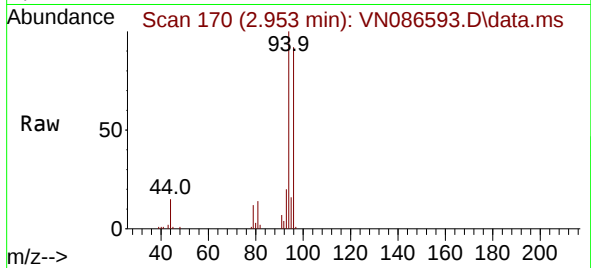




#5  
Bromomethane  
Concen: 23.078 ug/l  
RT: 2.953 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

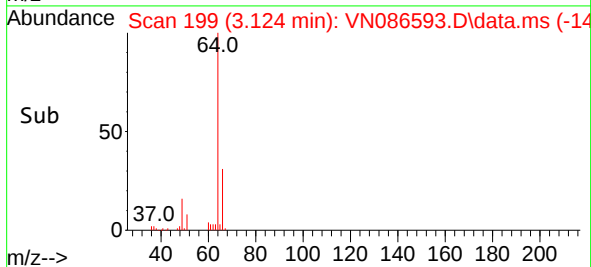
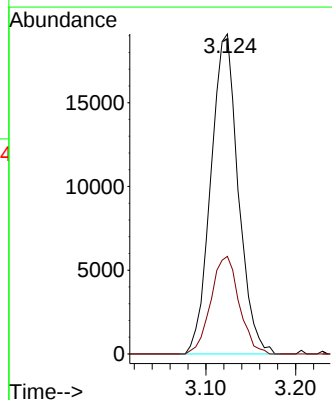
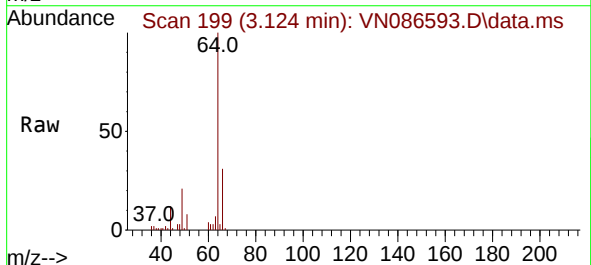
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0513WBS01

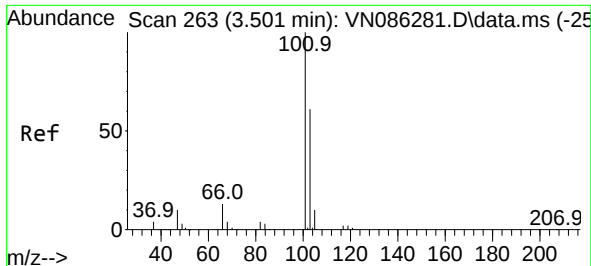
Tgt Ion: 94 Resp: 35204  
Ion Ratio Lower Upper  
94 100  
96 92.1 75.2 112.8



#6  
Chloroethane  
Concen: 17.865 ug/l  
RT: 3.124 min Scan# 199  
Delta R.T. 0.006 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

Tgt Ion: 64 Resp: 40549  
Ion Ratio Lower Upper  
64 100  
66 30.5 26.2 39.2

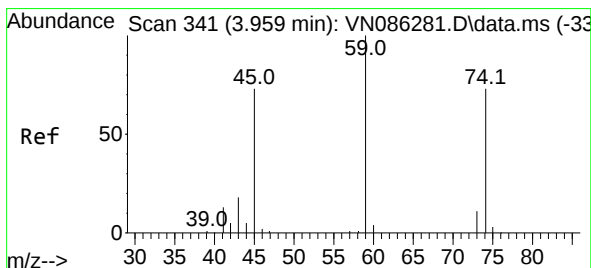
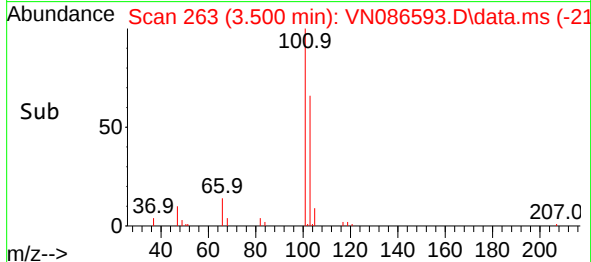
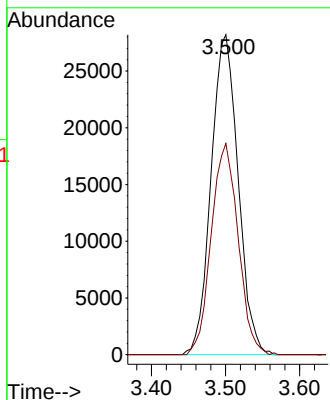
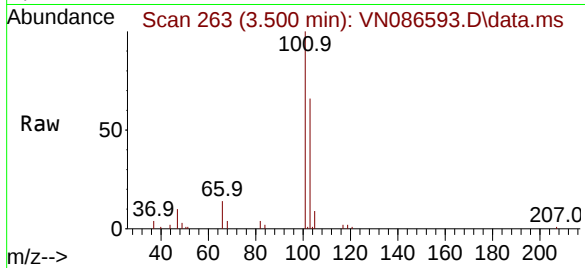




#7  
 Trichlorofluoromethane  
 Concen: 19.035 ug/l  
 RT: 3.500 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VN086593.D  
 Acq: 13 May 2025 11:45

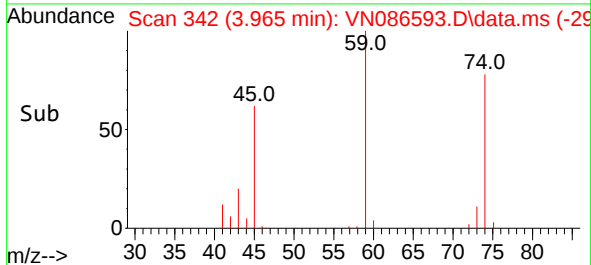
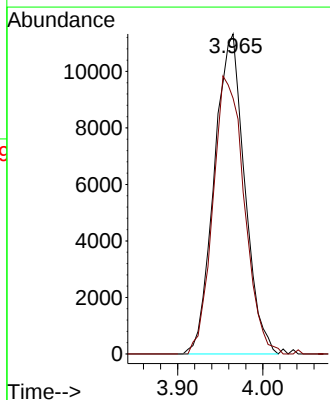
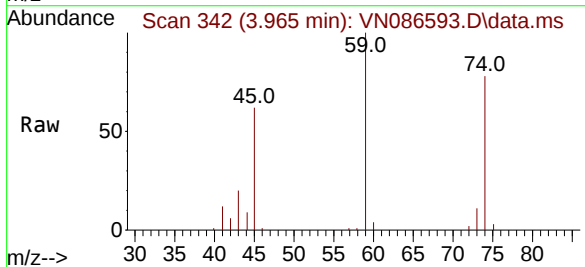
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0513WBS01

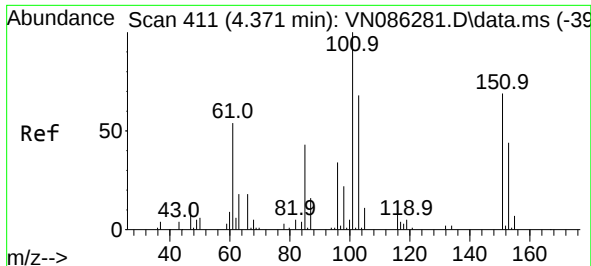
Tgt Ion:101 Resp: 71504  
 Ion Ratio Lower Upper  
 101 100  
 103 66.0 49.2 73.8



#8  
 Diethyl Ether  
 Concen: 17.108 ug/l  
 RT: 3.965 min Scan# 342  
 Delta R.T. 0.006 min  
 Lab File: VN086593.D  
 Acq: 13 May 2025 11:45

Tgt Ion: 74 Resp: 28055  
 Ion Ratio Lower Upper  
 74 100  
 45 89.5 48.0 144.2

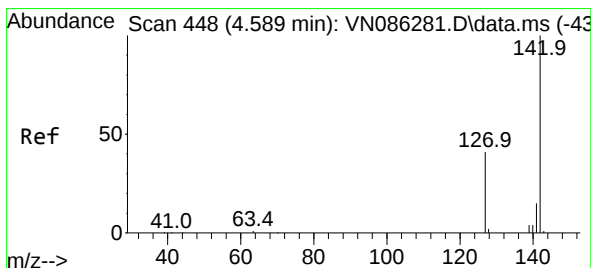
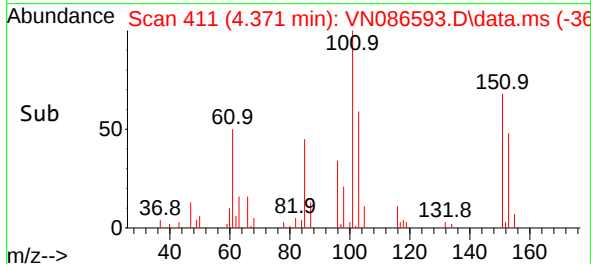
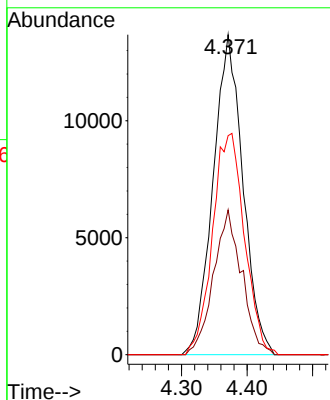
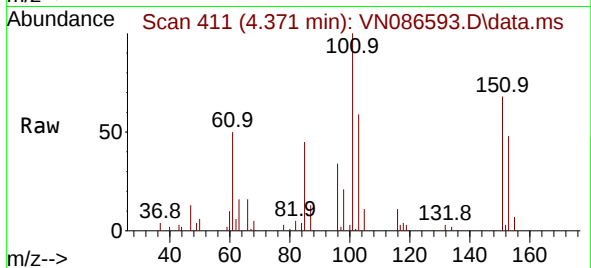




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.982 ug/l  
RT: 4.371 min Scan# 411  
Delta R.T. -0.000 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

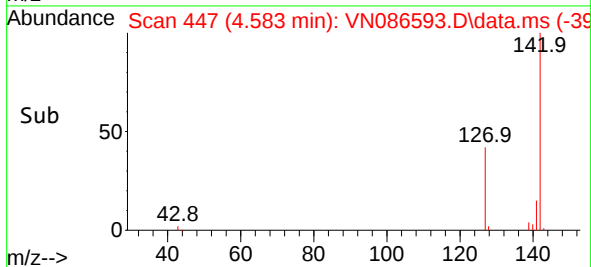
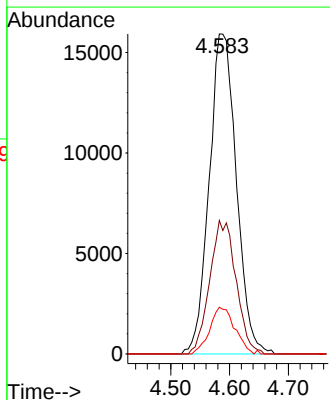
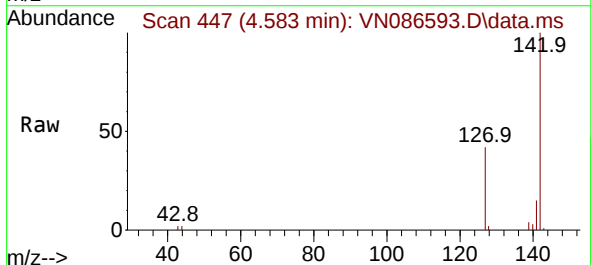
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0513WBS01

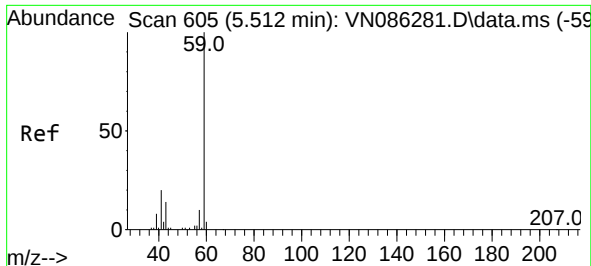
Tgt Ion:101 Resp: 43136  
Ion Ratio Lower Upper  
101 100  
85 43.0 34.7 52.1  
151 74.0 56.1 84.1



#10  
Methyl Iodide  
Concen: 20.497 ug/l  
RT: 4.583 min Scan# 447  
Delta R.T. -0.006 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

Tgt Ion:142 Resp: 51210  
Ion Ratio Lower Upper  
142 100  
127 41.7 32.7 49.1  
141 14.6 11.7 17.5

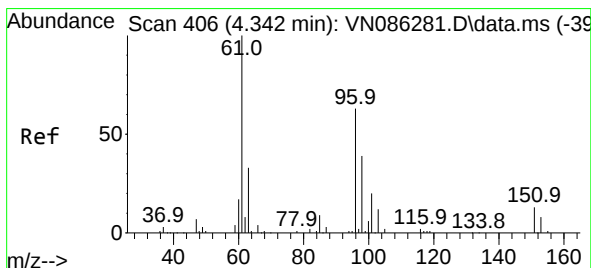
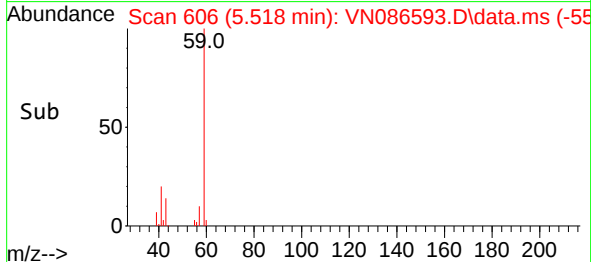
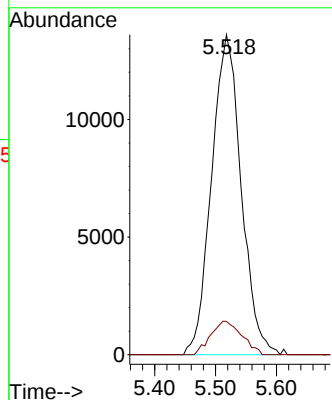
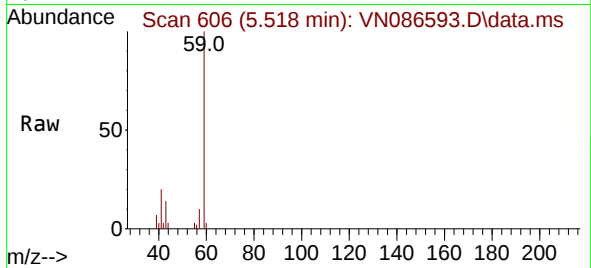




#11  
Tert butyl alcohol  
Concen: 84.313 ug/l  
RT: 5.518 min Scan# 605  
Delta R.T. 0.006 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

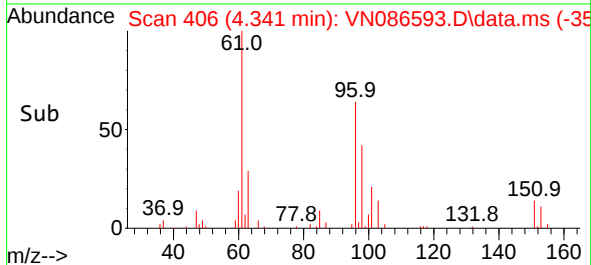
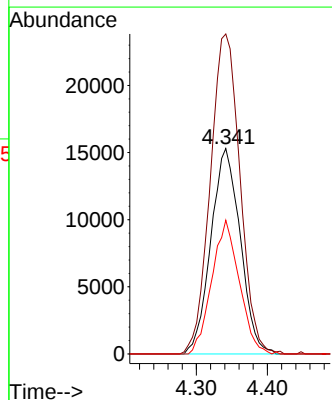
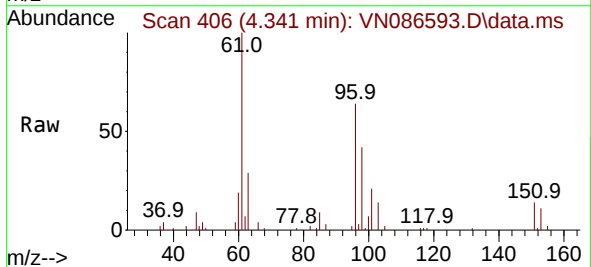
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0513WBS01

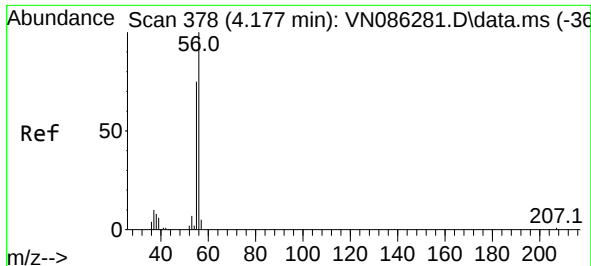
Tgt Ion: 59 Resp: 46015  
Ion Ratio Lower Upper  
59 100  
57 11.0 8.3 12.5



#12  
1,1-Dichloroethene  
Concen: 18.112 ug/l  
RT: 4.341 min Scan# 406  
Delta R.T. -0.000 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

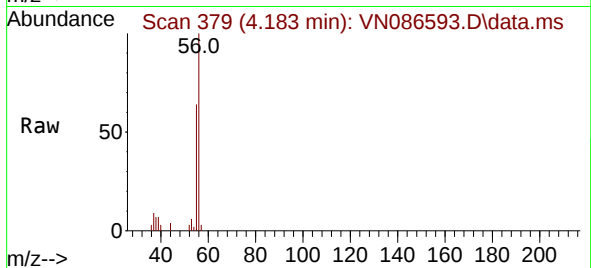
Tgt Ion: 96 Resp: 43972  
Ion Ratio Lower Upper  
96 100  
61 155.8 126.6 189.8  
98 65.1 49.6 74.4



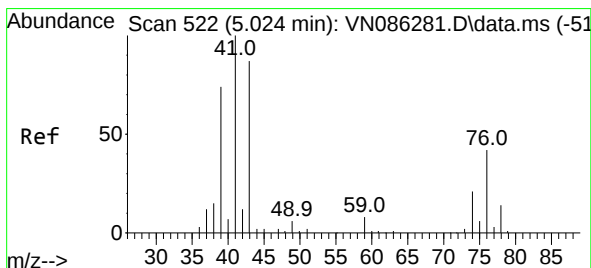
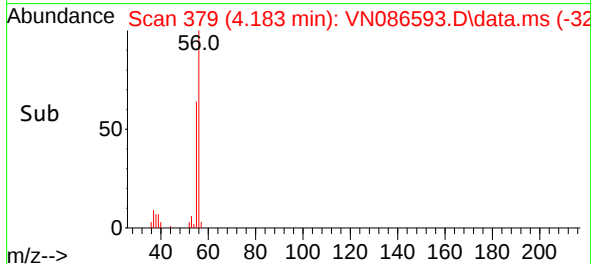
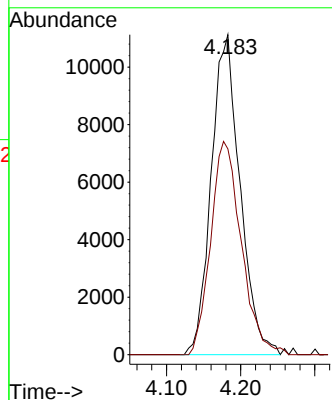


#13  
Acrolein  
Concen: 109.673 ug/l  
RT: 4.183 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0513WBS01

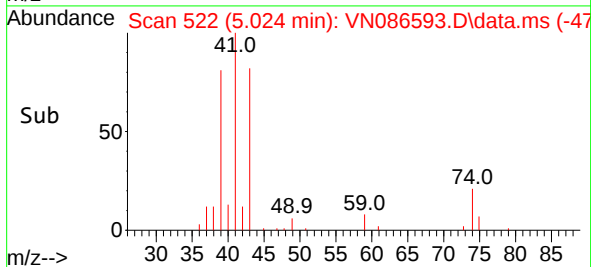
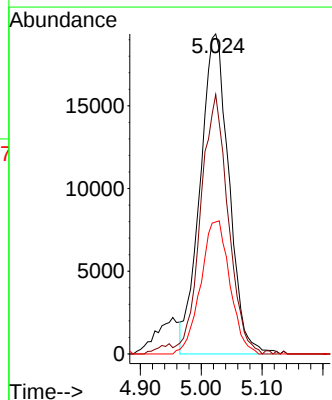
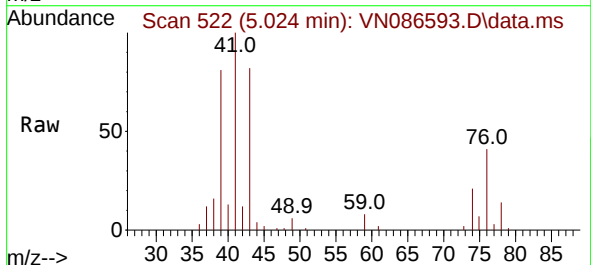


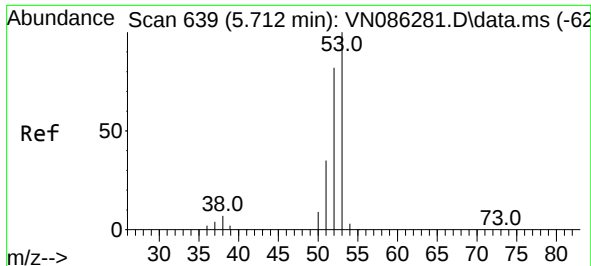
Tgt Ion: 56 Resp: 30066  
Ion Ratio Lower Upper  
56 100  
55 70.9 58.5 87.7



#14  
Allyl chloride  
Concen: 14.731 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. -0.000 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

Tgt Ion: 41 Resp: 63580  
Ion Ratio Lower Upper  
41 100  
39 77.2 59.2 88.8  
76 42.1 31.2 46.8

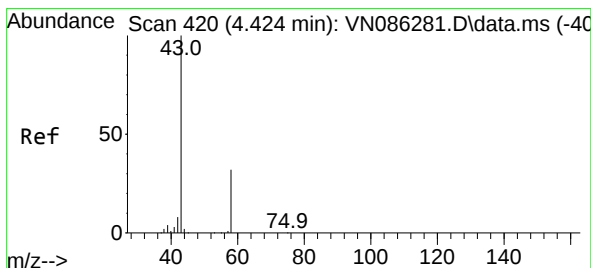
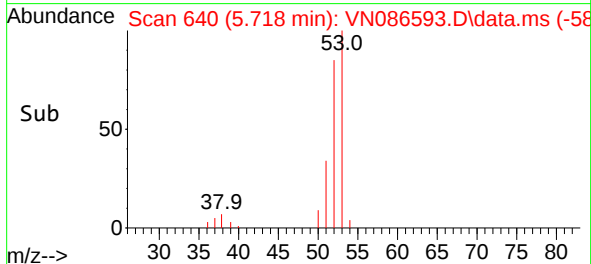
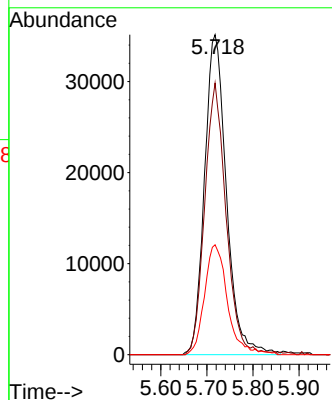
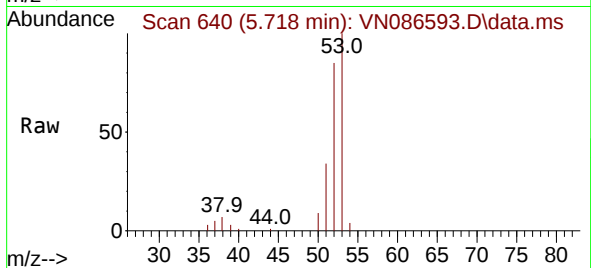




#15  
Acrylonitrile  
Concen: 86.309 ug/l  
RT: 5.718 min Scan# 640  
Delta R.T. 0.006 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

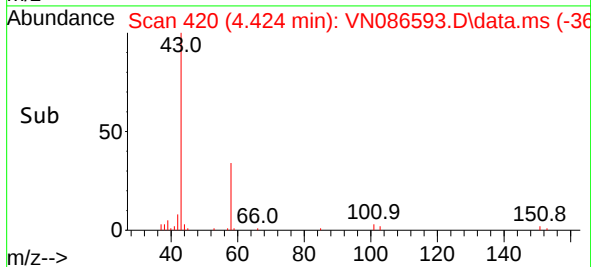
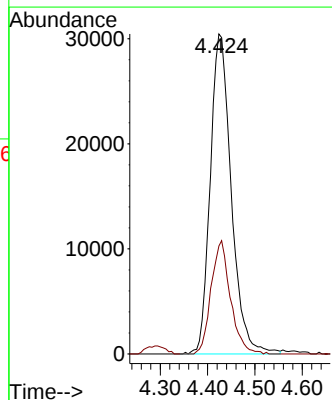
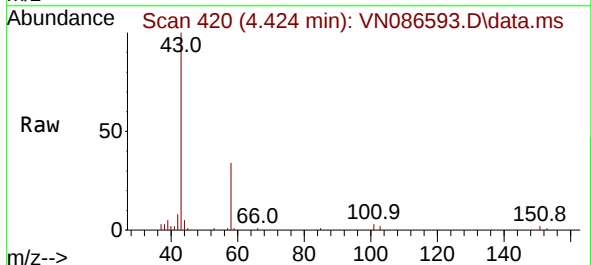
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0513WBS01

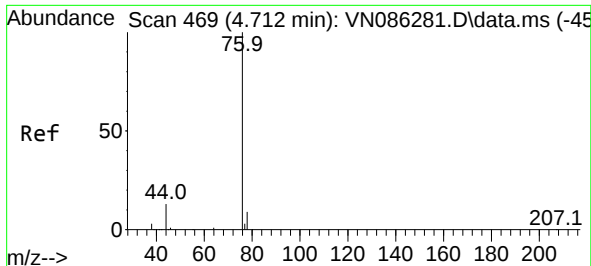
Tgt Ion: 53 Resp: 116444  
Ion Ratio Lower Upper  
53 100  
52 82.9 65.5 98.3  
51 36.0 28.6 42.8



#16  
Acetone  
Concen: 87.176 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. -0.000 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

Tgt Ion: 43 Resp: 93999  
Ion Ratio Lower Upper  
43 100  
58 33.8 25.3 37.9

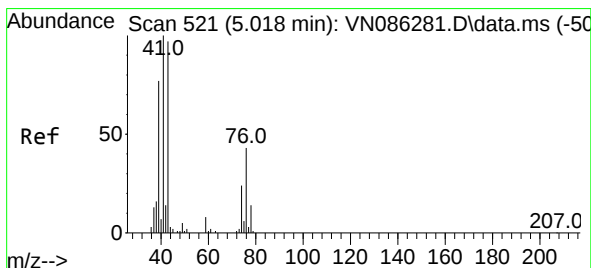
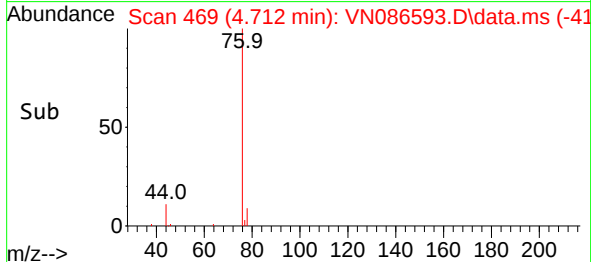
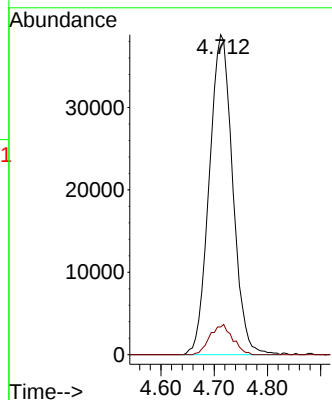
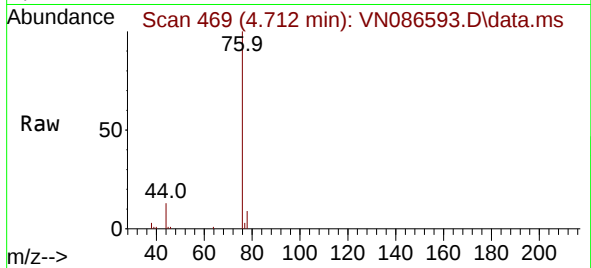




#17  
Carbon Disulfide  
Concen: 16.310 ug/l  
RT: 4.712 min Scan# 469  
Delta R.T. -0.000 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

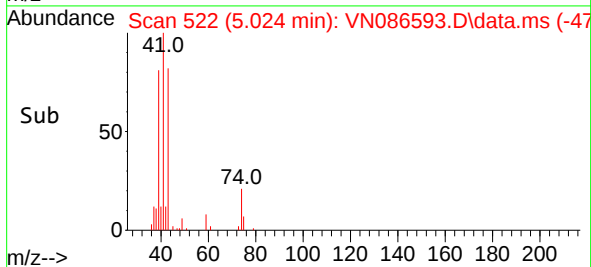
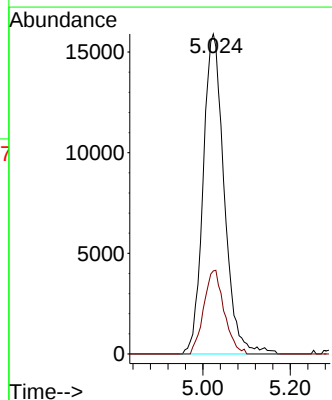
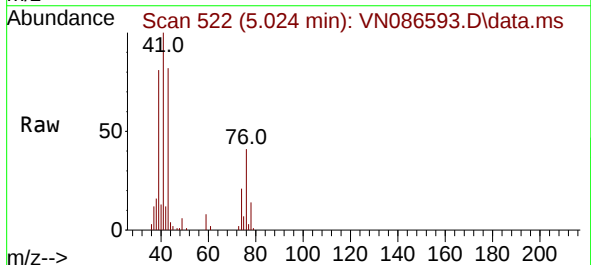
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0513WBS01

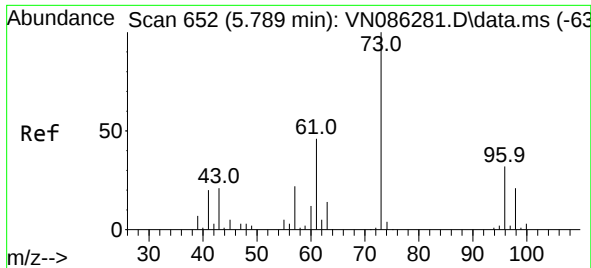
Tgt Ion: 76 Resp: 118565  
Ion Ratio Lower Upper  
76 100  
78 8.7 7.6 11.4



#18  
Methyl Acetate  
Concen: 14.844 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. 0.006 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

Tgt Ion: 43 Resp: 53299  
Ion Ratio Lower Upper  
43 100  
74 25.3 19.8 29.6

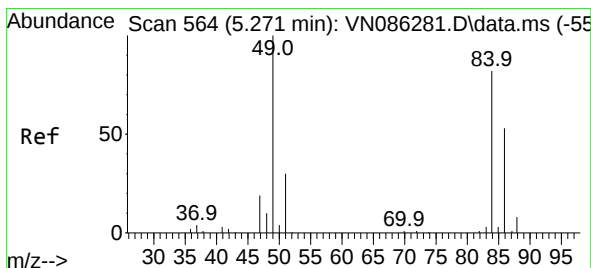
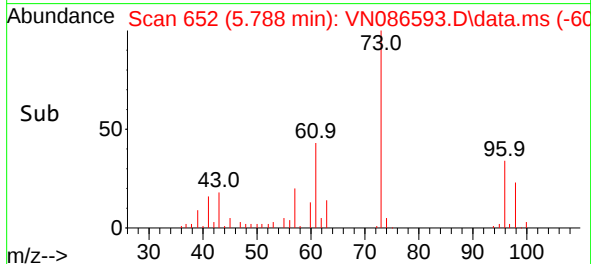
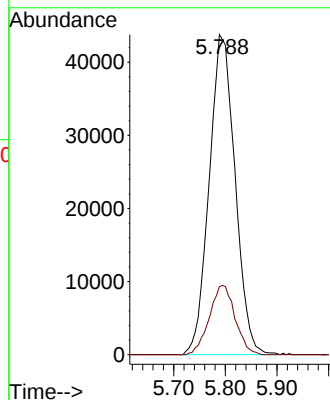
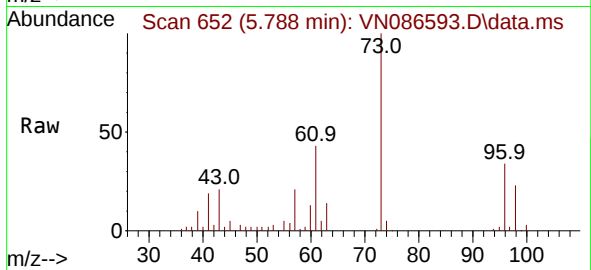




#19  
Methyl tert-butyl Ether  
Concen: 17.087 ug/l  
RT: 5.788 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

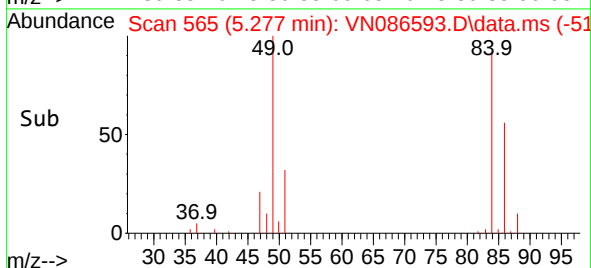
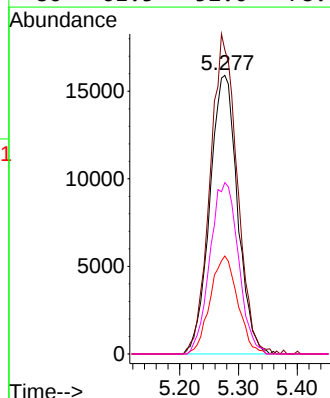
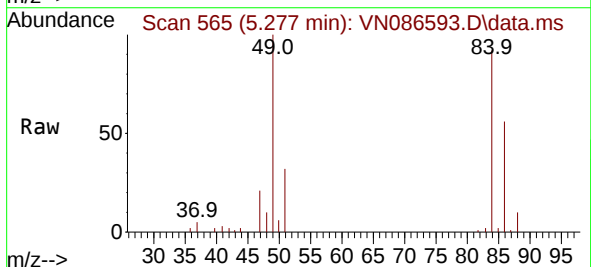
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0513WBS01

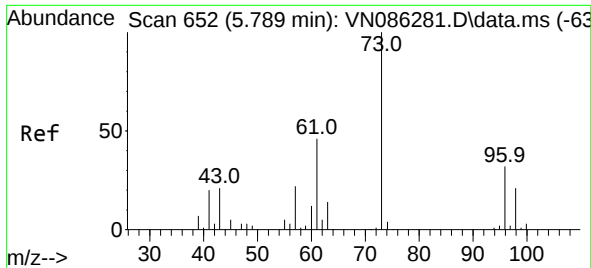
Tgt Ion: 73 Resp: 152495  
Ion Ratio Lower Upper  
73 100  
57 21.3 17.6 26.4



#20  
Methylene Chloride  
Concen: 18.866 ug/l  
RT: 5.277 min Scan# 565  
Delta R.T. 0.006 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

Tgt Ion: 84 Resp: 52169  
Ion Ratio Lower Upper  
84 100  
49 109.1 98.2 147.2  
51 35.1 29.8 44.6  
86 61.5 52.0 78.0

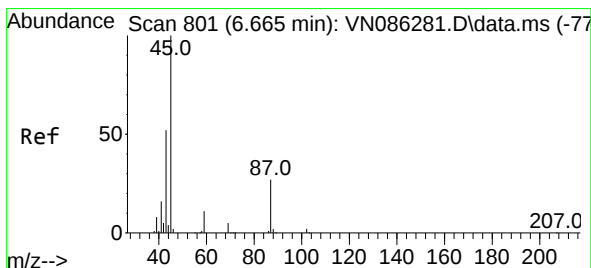
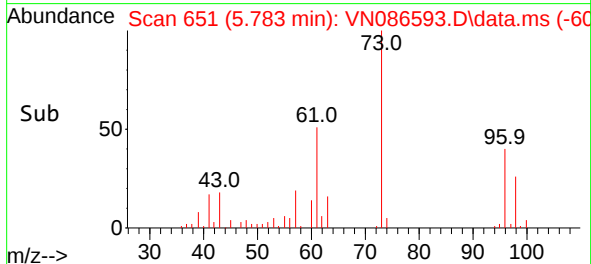
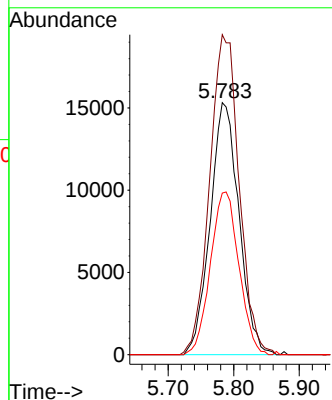
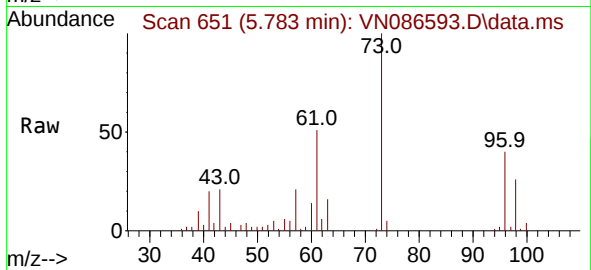




#21  
trans-1,2-Dichloroethene  
Concen: 18.397 ug/l  
RT: 5.783 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

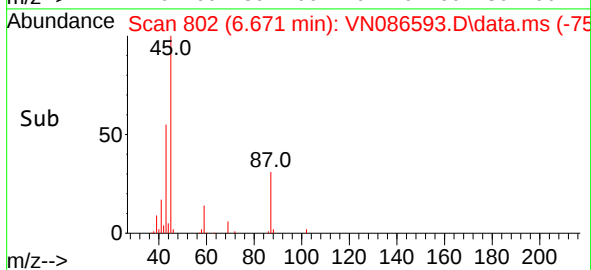
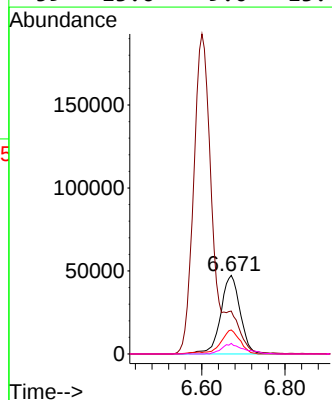
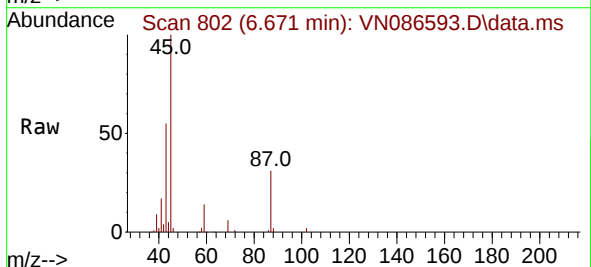
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0513WBS01

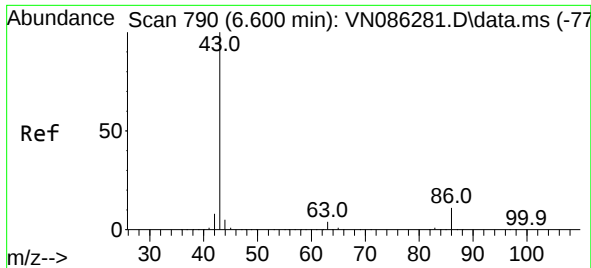
Tgt Ion: 96 Resp: 46696  
Ion Ratio Lower Upper  
96 100  
61 127.0 114.6 171.8  
98 64.1 51.2 76.8



#22  
Diisopropyl ether  
Concen: 16.304 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. 0.006 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

Tgt Ion: 45 Resp: 153072  
Ion Ratio Lower Upper  
45 100  
43 53.6 41.8 62.8  
87 30.6 21.6 32.4  
59 13.6 9.0 13.4#

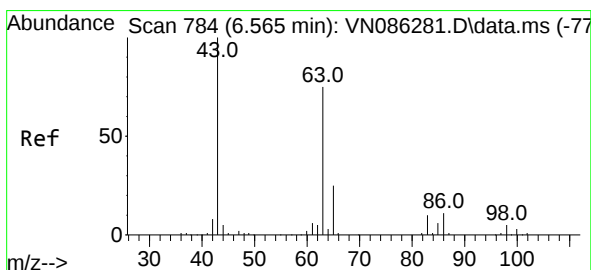
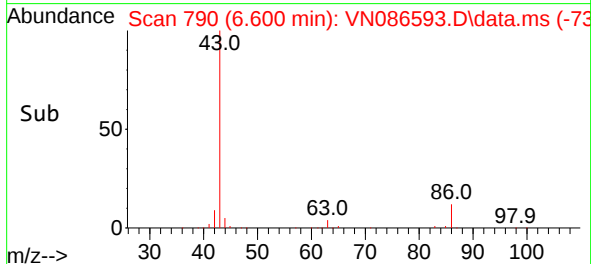
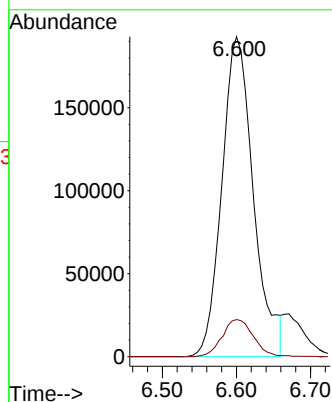
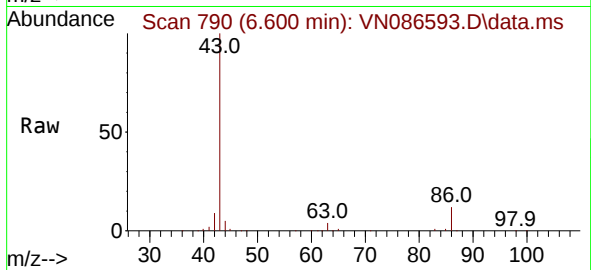




#23  
 Vinyl Acetate  
 Concen: 86.818 ug/l  
 RT: 6.600 min Scan# 790  
 Delta R.T. -0.000 min  
 Lab File: VN086593.D  
 Acq: 13 May 2025 11:45

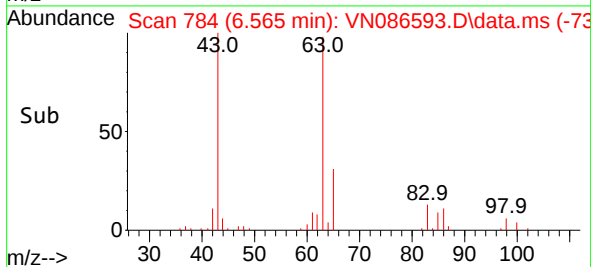
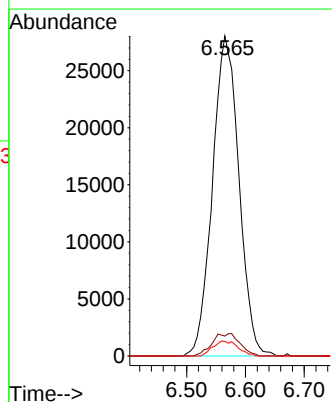
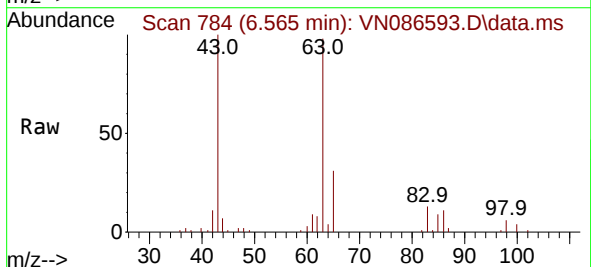
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0513WBS01

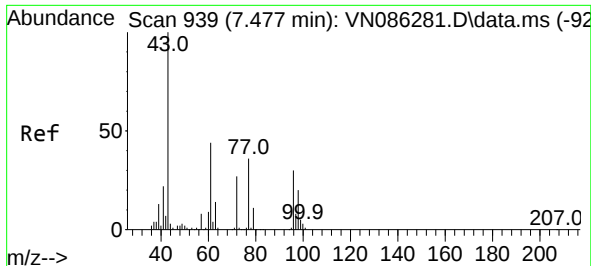
Tgt Ion: 43 Resp: 569803  
 Ion Ratio Lower Upper  
 43 100  
 86 11.6 8.6 13.0



#24  
 1,1-Dichloroethane  
 Concen: 17.690 ug/l  
 RT: 6.565 min Scan# 784  
 Delta R.T. -0.000 min  
 Lab File: VN086593.D  
 Acq: 13 May 2025 11:45

Tgt Ion: 63 Resp: 87631  
 Ion Ratio Lower Upper  
 63 100  
 98 6.2 3.4 10.2  
 100 4.6 2.1 6.5

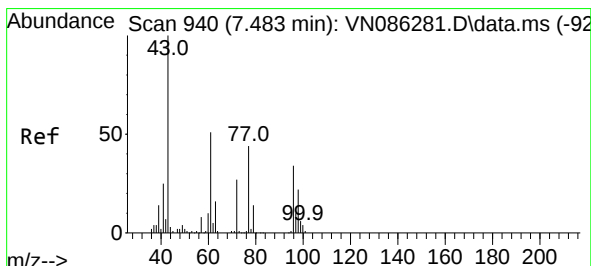
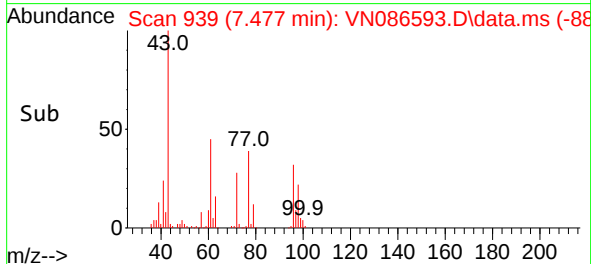
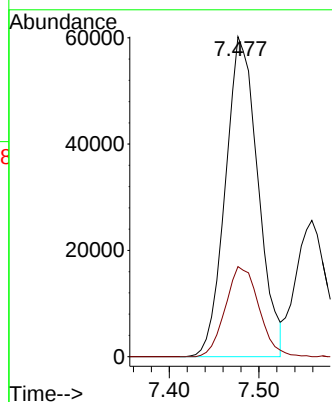
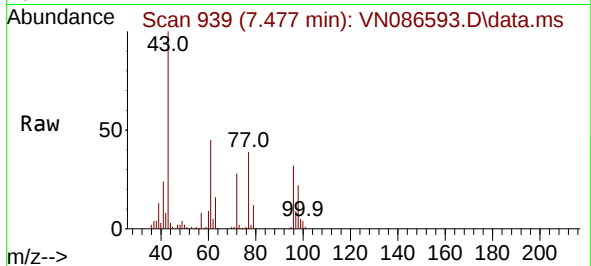




#25  
2-Butanone  
Concen: 81.674 ug/l  
RT: 7.477 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

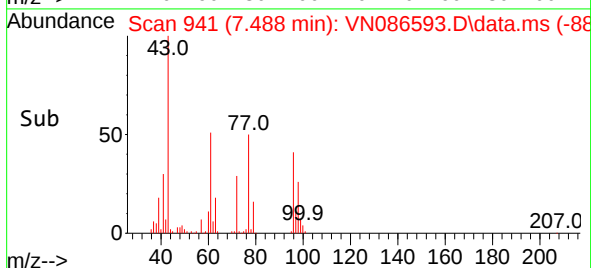
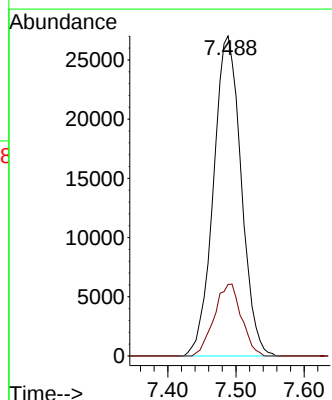
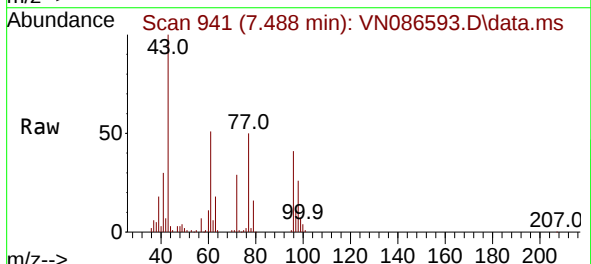
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0513WBS01

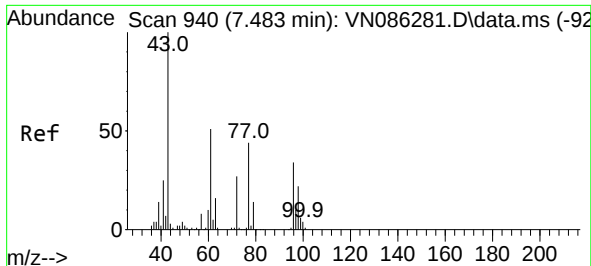
Tgt Ion: 43 Resp: 152064  
Ion Ratio Lower Upper  
43 100  
72 28.1 21.7 32.5



#26  
2,2-Dichloropropane  
Concen: 17.248 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. 0.006 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

Tgt Ion: 77 Resp: 76500  
Ion Ratio Lower Upper  
77 100  
97 22.0 11.2 33.5

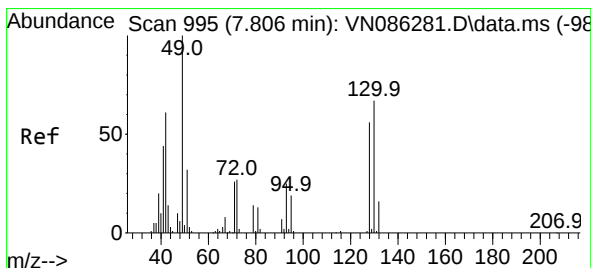
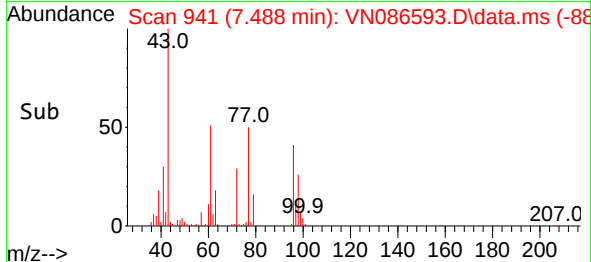
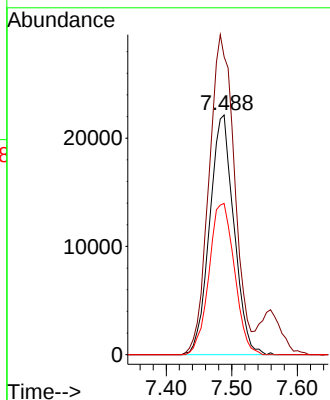
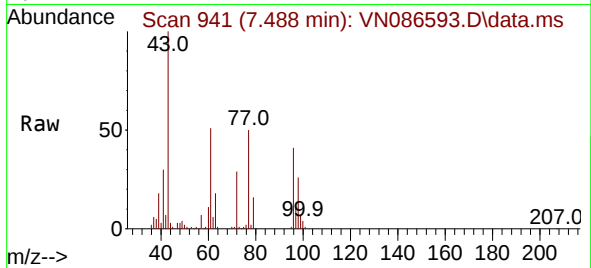




#27  
 cis-1,2-Dichloroethene  
 Concen: 18.075 ug/l  
 RT: 7.488 min Scan# 941  
 Delta R.T. 0.006 min  
 Lab File: VN086593.D  
 Acq: 13 May 2025 11:45

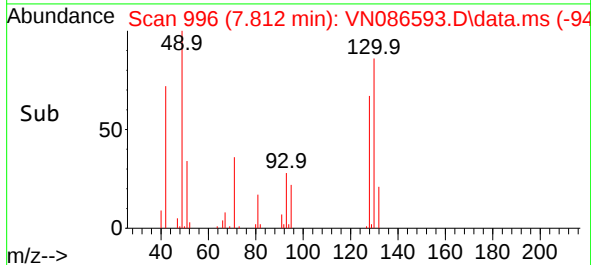
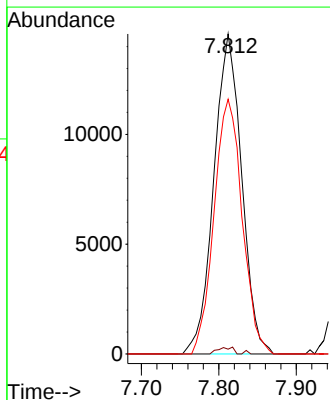
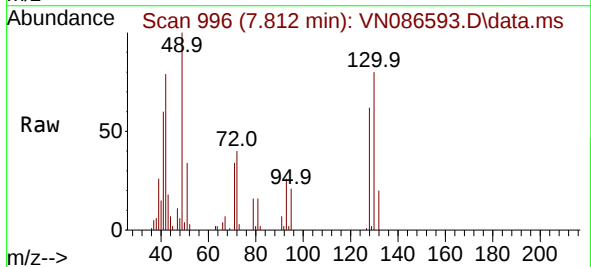
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0513WBS01

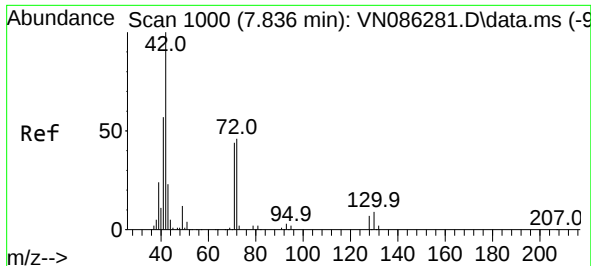
Tgt Ion: 96 Resp: 56944  
 Ion Ratio Lower Upper  
 96 100  
 61 139.9 0.0 299.0  
 98 66.1 0.0 129.6



#28  
 Bromochloromethane  
 Concen: 17.332 ug/l  
 RT: 7.812 min Scan# 996  
 Delta R.T. 0.006 min  
 Lab File: VN086593.D  
 Acq: 13 May 2025 11:45

Tgt Ion: 49 Resp: 36405  
 Ion Ratio Lower Upper  
 49 100  
 129 1.2 0.0 3.4  
 130 80.5 57.1 85.7





#29

Tetrahydrofuran

Concen: 80.559 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086593.D

Acq: 13 May 2025 11:45

Instrument :

MSVOA\_N

ClientSampleId :

VN0513WBS01

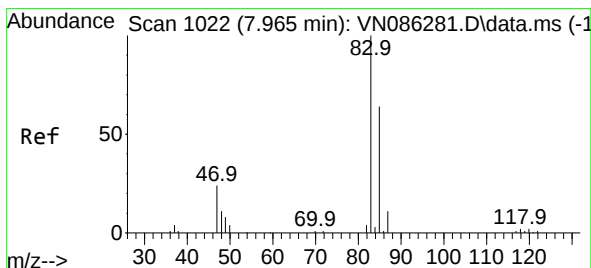
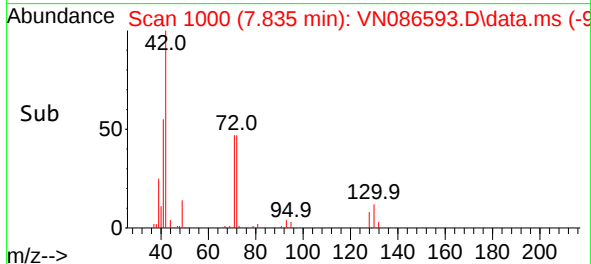
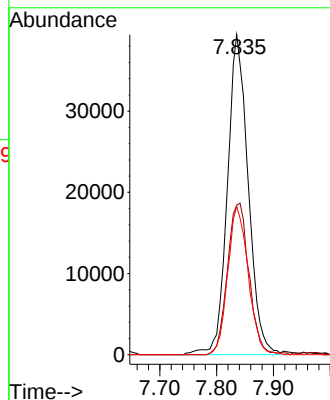
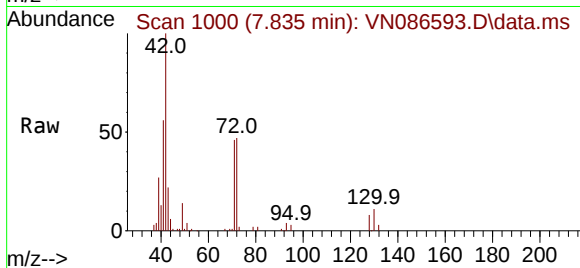
Tgt Ion: 42 Resp: 100298

Ion Ratio Lower Upper

42 100

72 48.8 36.2 54.4

71 45.6 34.0 51.0



#30

Chloroform

Concen: 18.272 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VN086593.D

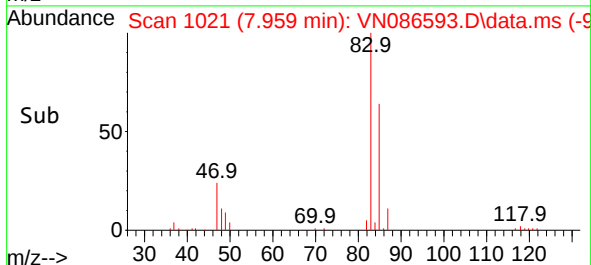
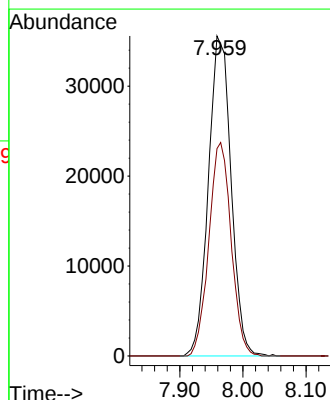
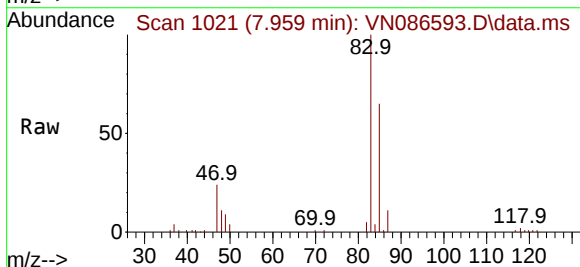
Acq: 13 May 2025 11:45

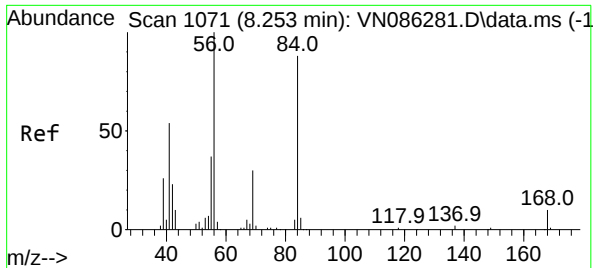
Tgt Ion: 83 Resp: 88918

Ion Ratio Lower Upper

83 100

85 64.8 51.5 77.3

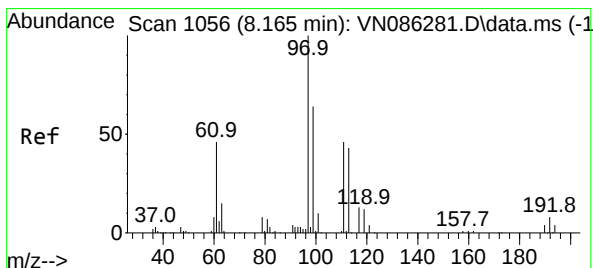
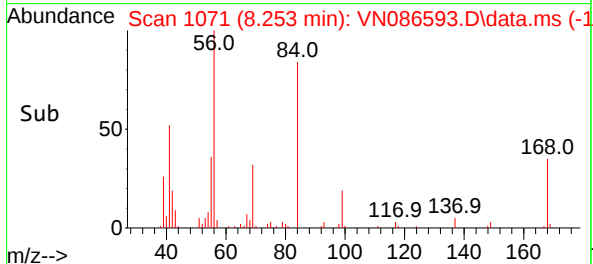
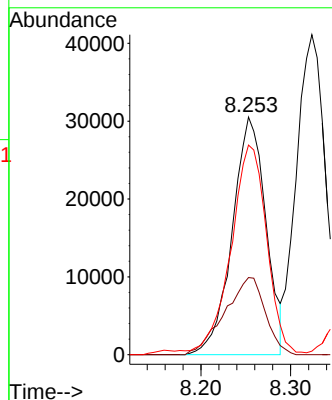
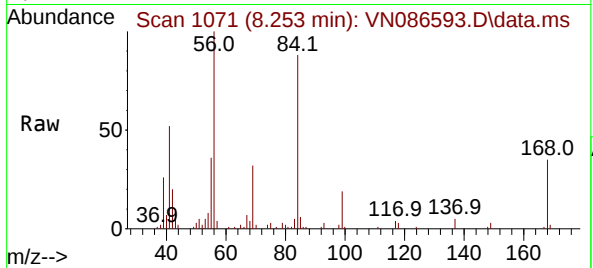




#31  
Cyclohexane  
Concen: 16.396 ug/l  
RT: 8.253 min Scan# 1071  
Delta R.T. -0.000 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

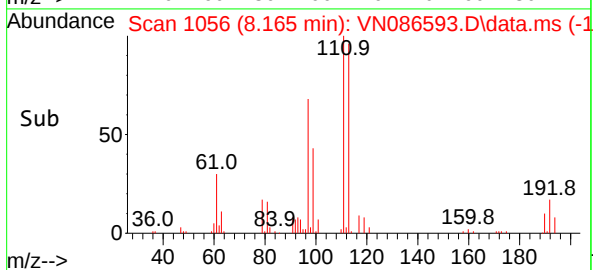
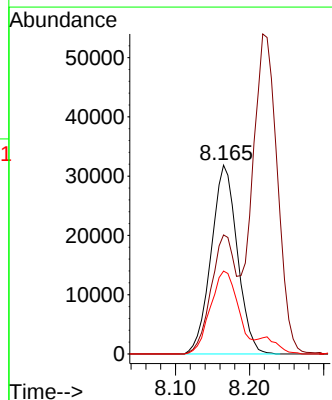
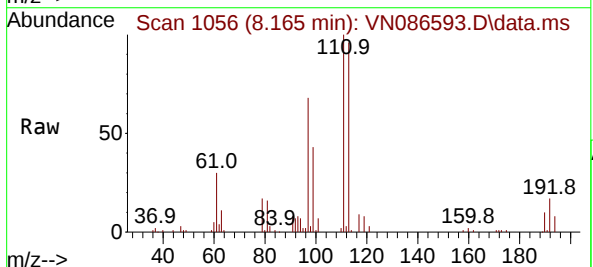
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0513WBS01

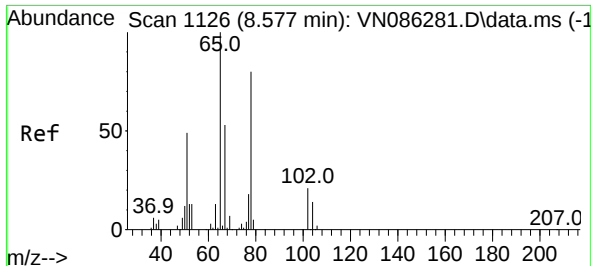
Tgt Ion: 56 Resp: 79478  
Ion Ratio Lower Upper  
56 100  
69 32.4 24.2 36.2  
84 86.4 70.3 105.5



#32  
1,1,1-Trichloroethane  
Concen: 18.732 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

Tgt Ion: 97 Resp: 77979  
Ion Ratio Lower Upper  
97 100  
99 56.8 52.7 79.1  
61 47.2 39.5 59.3





#33

1,2-Dichloroethane-d4

Concen: 46.757 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086593.D

Acq: 13 May 2025 11:45

Instrument :

MSVOA\_N

ClientSampleId :

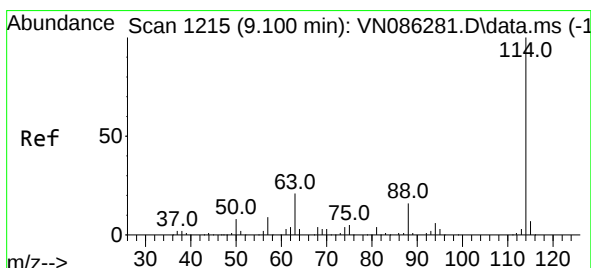
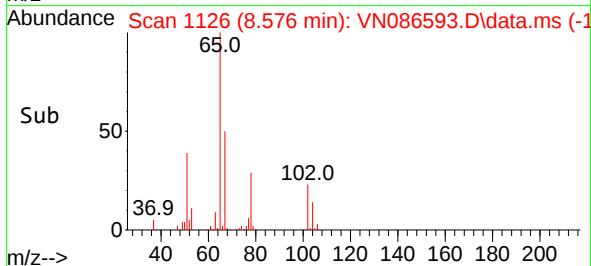
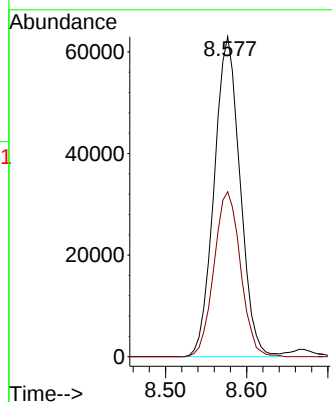
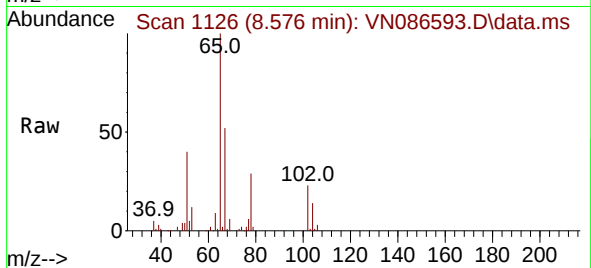
VN0513WBS01

Tgt Ion: 65 Resp: 139858

Ion Ratio Lower Upper

65 100

67 52.6 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086593.D

Acq: 13 May 2025 11:45

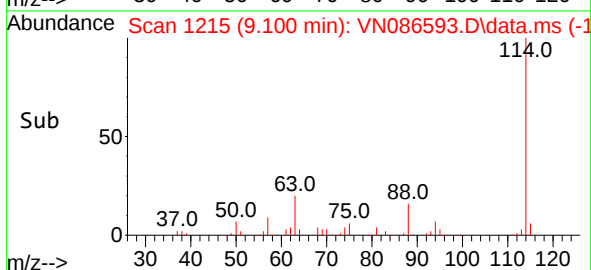
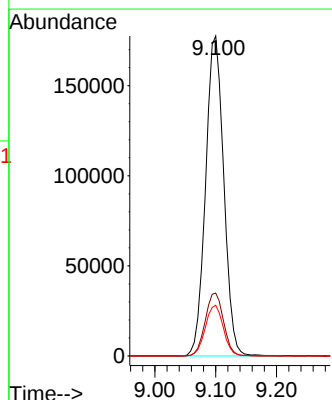
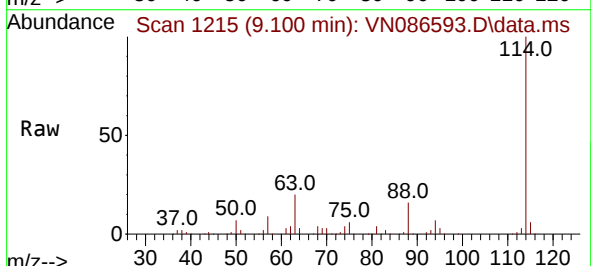
Tgt Ion: 114 Resp: 368128

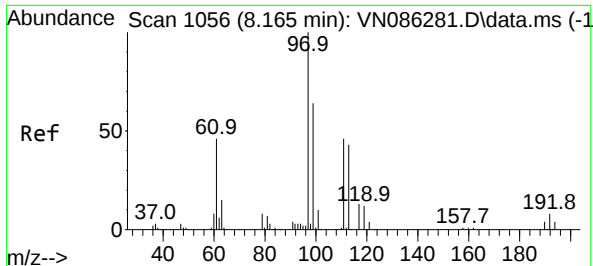
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.6

88 15.9 0.0 31.8

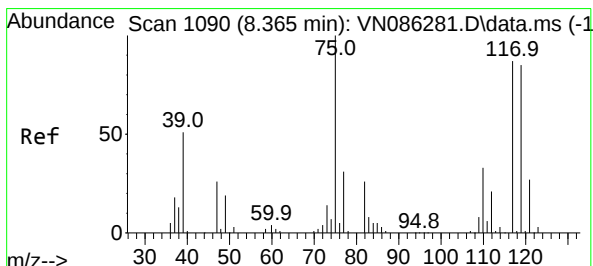
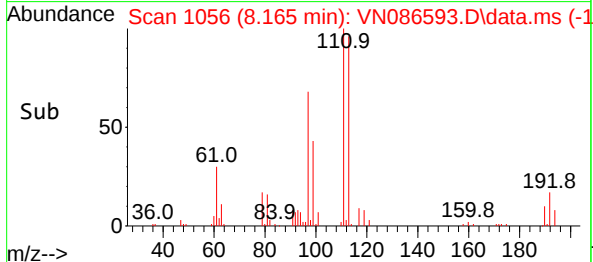
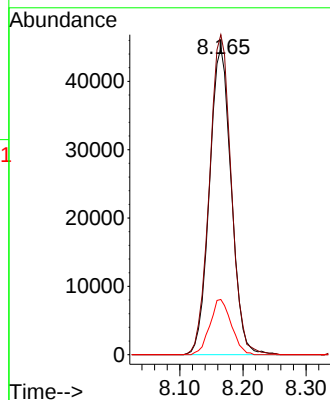
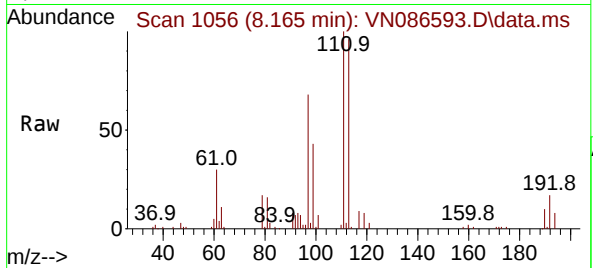




#35  
Dibromofluoromethane  
Concen: 62.941 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

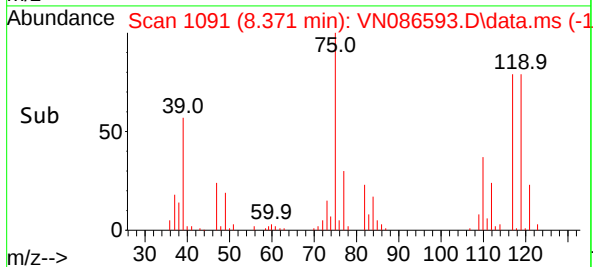
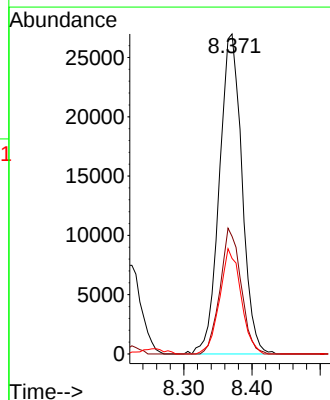
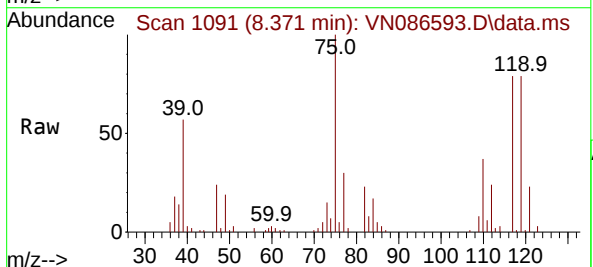
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0513WBS01

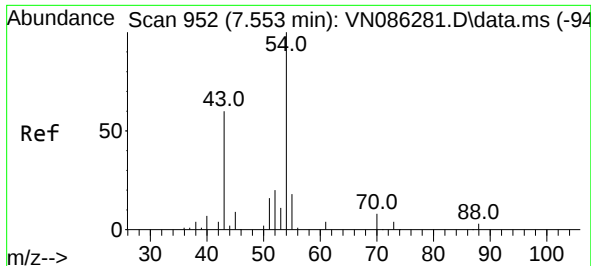
Tgt Ion:113 Resp: 107537  
Ion Ratio Lower Upper  
113 100  
111 104.4 83.4 125.0  
192 17.7 13.7 20.5



#36  
1,1-Dichloropropene  
Concen: 18.230 ug/l  
RT: 8.371 min Scan# 1091  
Delta R.T. 0.006 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

Tgt Ion: 75 Resp: 62210  
Ion Ratio Lower Upper  
75 100  
110 36.4 16.8 50.4  
77 31.1 24.9 37.3





#37

Ethyl Acetate

Concen: 17.658 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN086593.D

Acq: 13 May 2025 11:45

Instrument :

MSVOA\_N

ClientSampleId :

VN0513WBS01

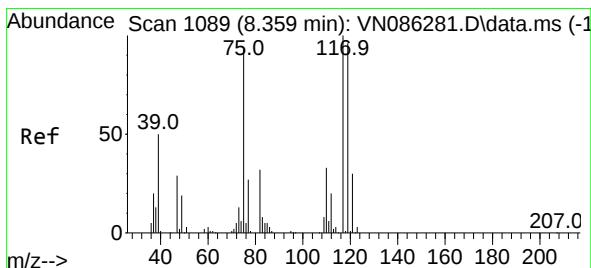
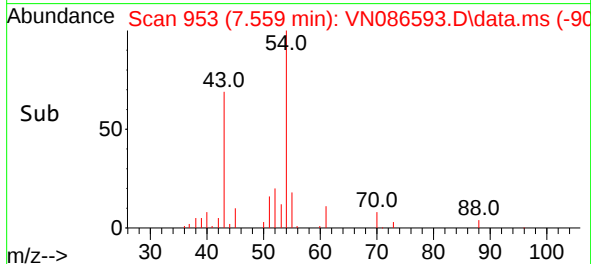
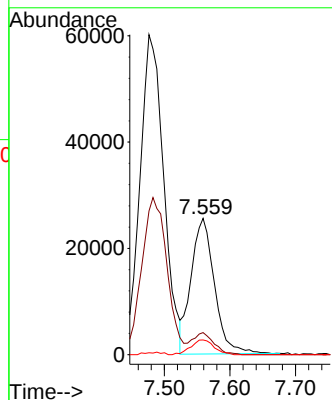
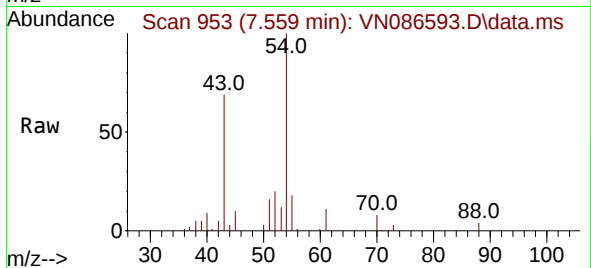
Tgt Ion: 43 Resp: 63441

Ion Ratio Lower Upper

43 100

61 14.4 11.1 16.7

70 10.8 9.2 13.8



#38

Carbon Tetrachloride

Concen: 19.682 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VN086593.D

Acq: 13 May 2025 11:45

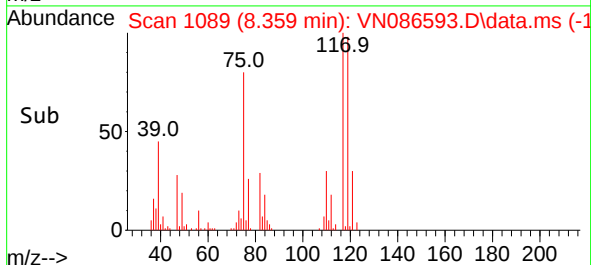
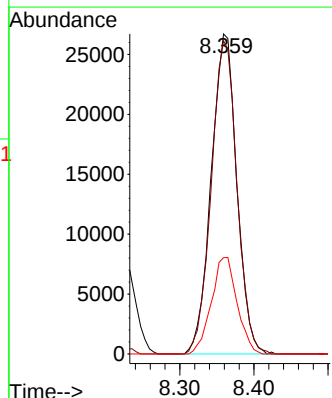
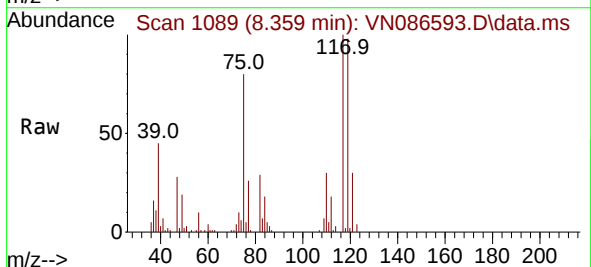
Tgt Ion: 117 Resp: 63962

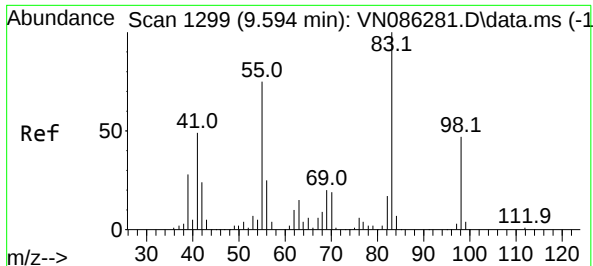
Ion Ratio Lower Upper

117 100

119 97.9 76.8 115.2

121 30.1 23.8 35.8





#39

Methylcyclohexane

Concen: 17.079 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN086593.D

Acq: 13 May 2025 11:45

Instrument :

MSVOA\_N

ClientSampleId :

VN0513WBS01

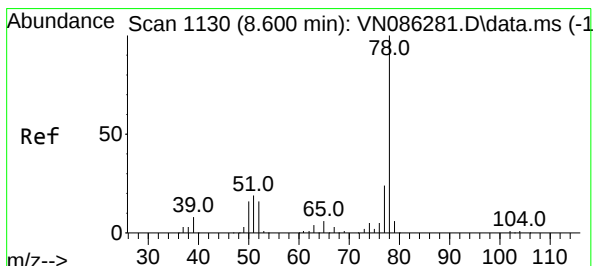
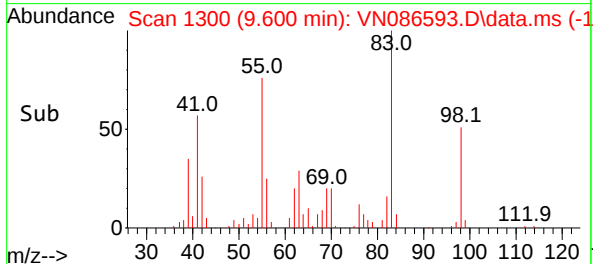
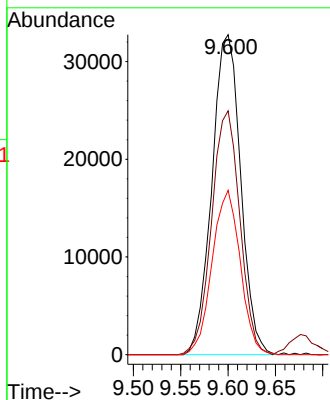
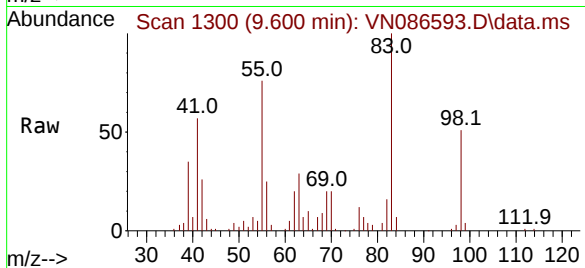
Tgt Ion: 83 Resp: 69276

Ion Ratio Lower Upper

83 100

55 76.2 59.8 89.8

98 51.3 37.9 56.9



#40

Benzene

Concen: 18.833 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN086593.D

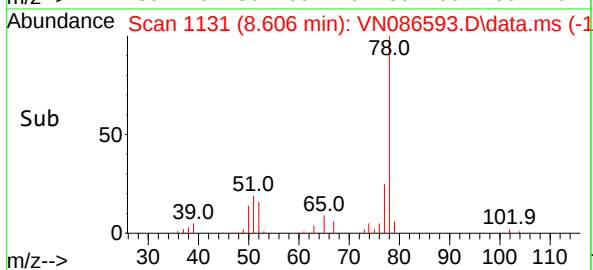
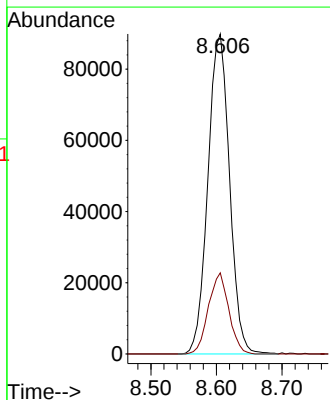
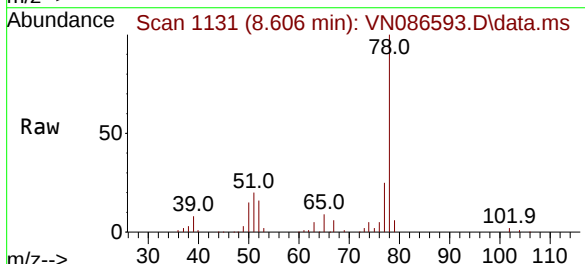
Acq: 13 May 2025 11:45

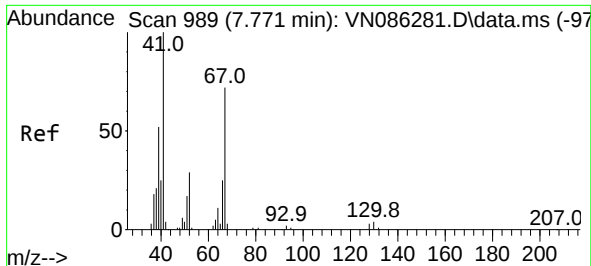
Tgt Ion: 78 Resp: 205908

Ion Ratio Lower Upper

78 100

77 25.4 19.4 29.2

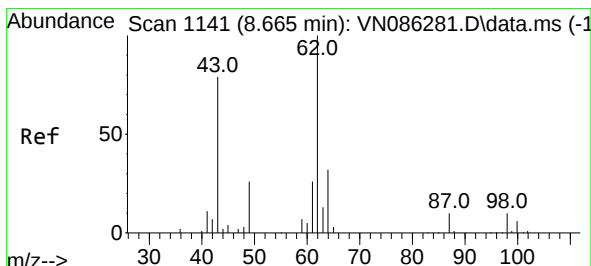
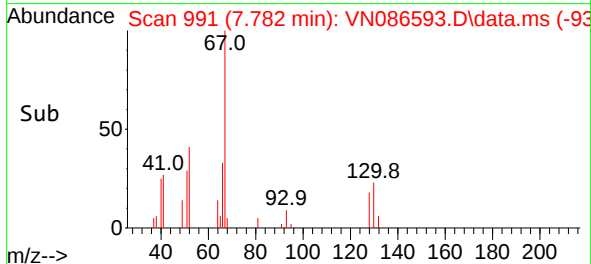
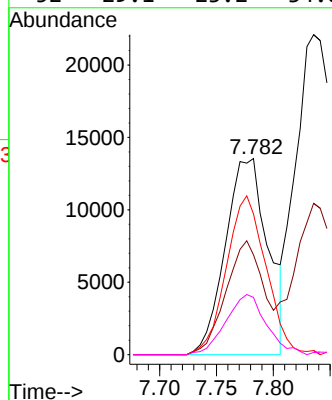
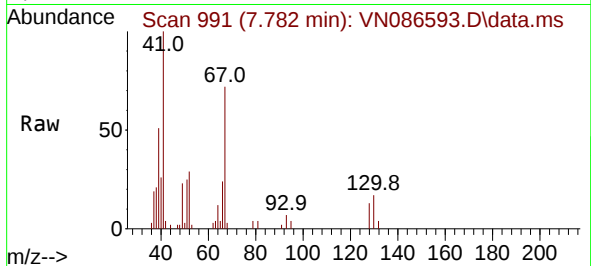




#41  
Methacrylonitrile  
Concen: 16.977 ug/l  
RT: 7.782 min Scan# 91  
Delta R.T. 0.012 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

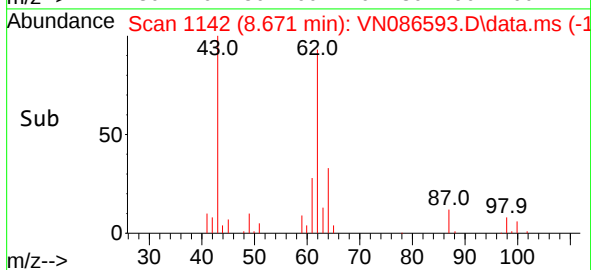
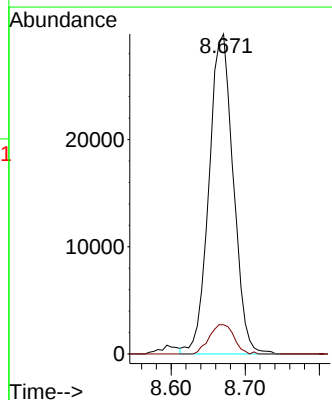
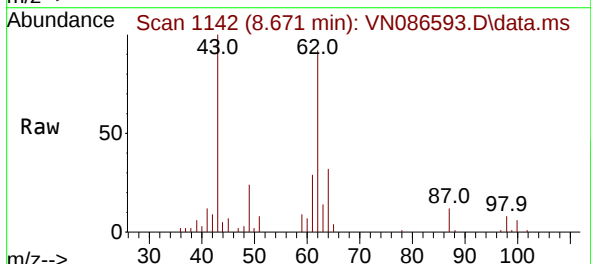
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0513WBS01

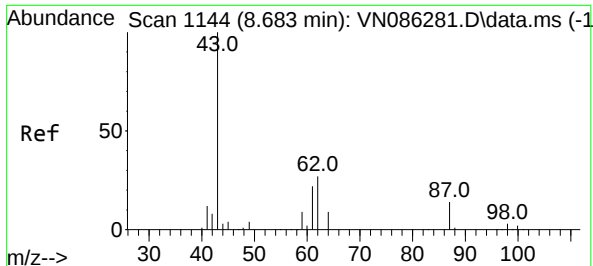
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 35349 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 51.3  | 43.0  | 64.4  |
| 67       | 75.5  | 58.8  | 88.2  |
| 52       | 29.1  | 23.2  | 34.8  |



#42  
1,2-Dichloroethane  
Concen: 19.488 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. 0.006 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 67949 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.3   | 0.0   | 19.2  |

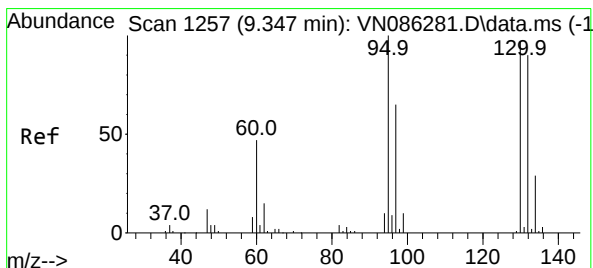
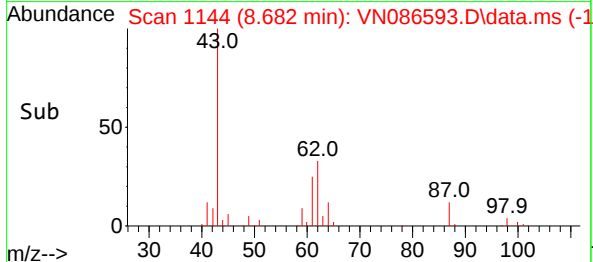
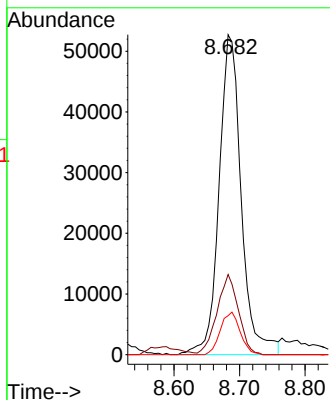
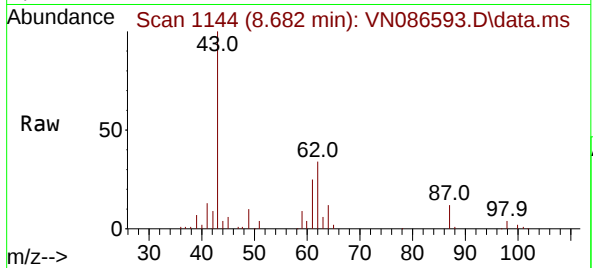




#43  
Isopropyl Acetate  
Concen: 17.738 ug/l  
RT: 8.682 min Scan# 1144  
Delta R.T. -0.001 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

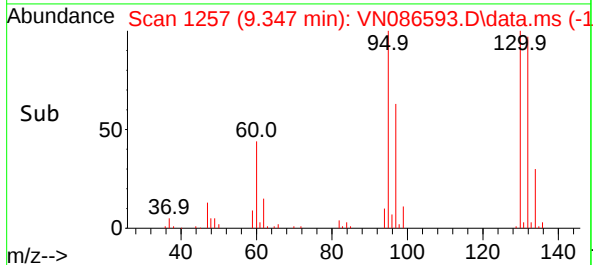
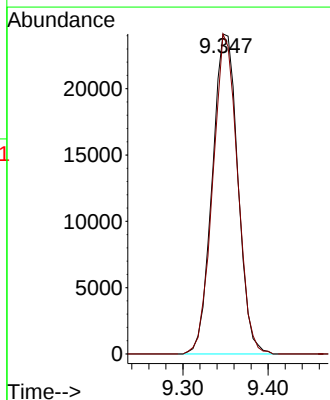
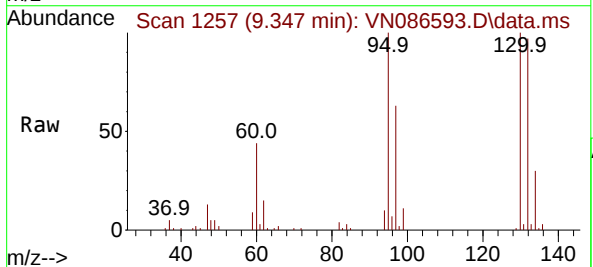
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0513WBS01

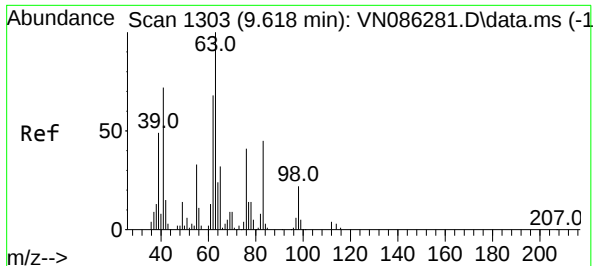
Tgt Ion: 43 Resp: 123787  
Ion Ratio Lower Upper  
43 100  
61 24.1 20.5 30.7  
87 11.9 10.5 15.7



#44  
Trichloroethene  
Concen: 19.398 ug/l  
RT: 9.347 min Scan# 1257  
Delta R.T. -0.000 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

Tgt Ion:130 Resp: 50269  
Ion Ratio Lower Upper  
130 100  
95 99.9 0.0 207.2





#45

1,2-Dichloropropane

Concen: 18.787 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086593.D

Acq: 13 May 2025 11:45

Instrument :

MSVOA\_N

ClientSampleId :

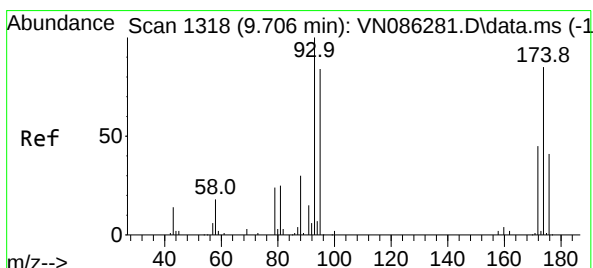
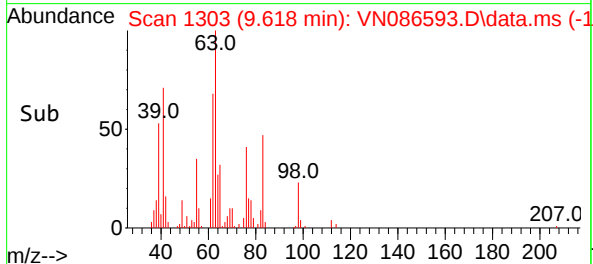
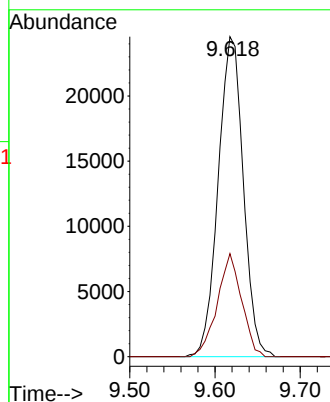
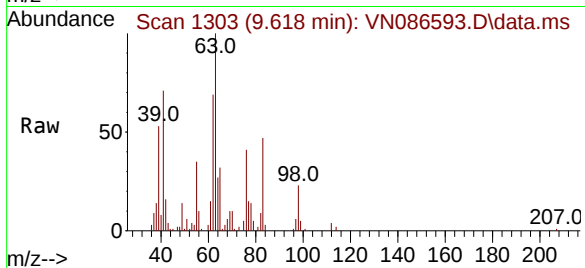
VN0513WBS01

Tgt Ion: 63 Resp: 50281

Ion Ratio Lower Upper

63 100

65 32.2 25.4 38.2



#46

Dibromomethane

Concen: 20.027 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086593.D

Acq: 13 May 2025 11:45

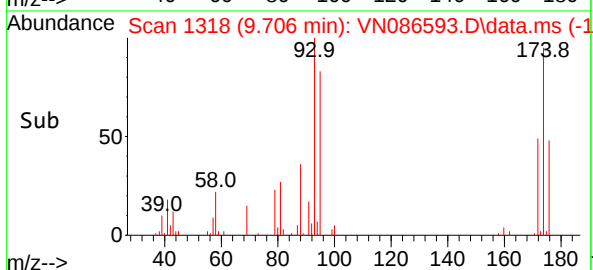
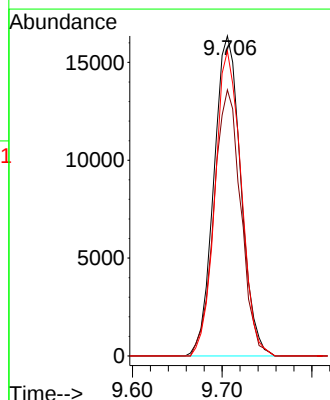
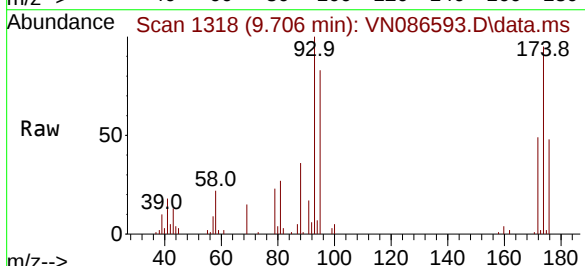
Tgt Ion: 93 Resp: 34151

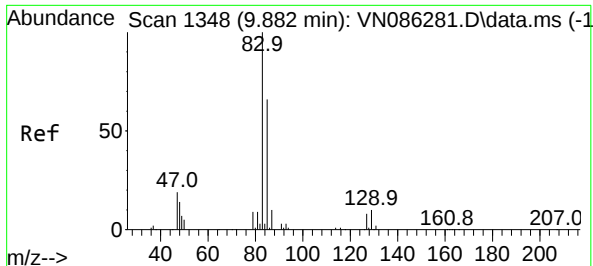
Ion Ratio Lower Upper

93 100

95 82.9 66.2 99.4

174 92.2 67.8 101.6

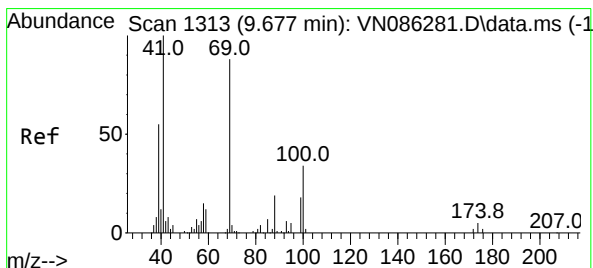
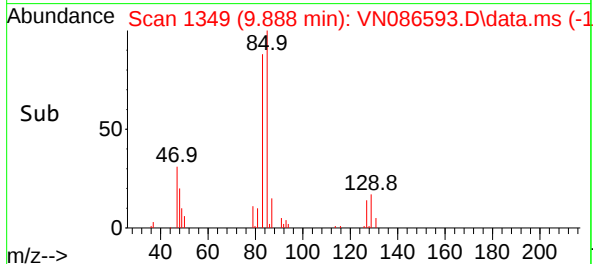
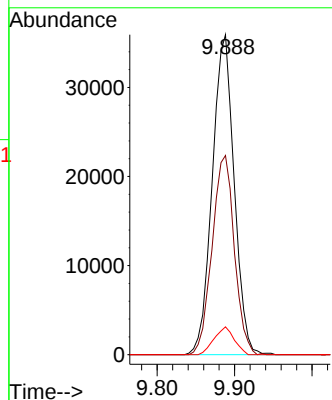
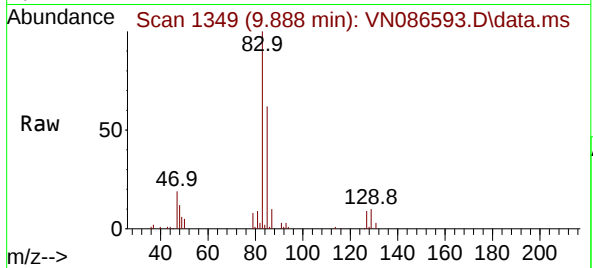




#47  
Bromodichloromethane  
Concen: 19.155 ug/l  
RT: 9.888 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

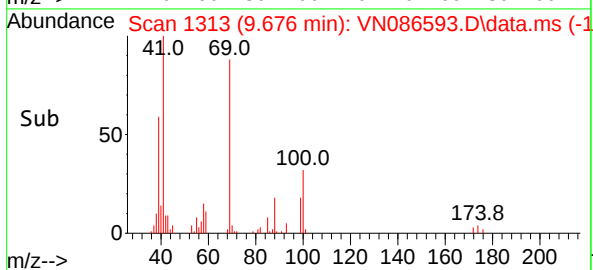
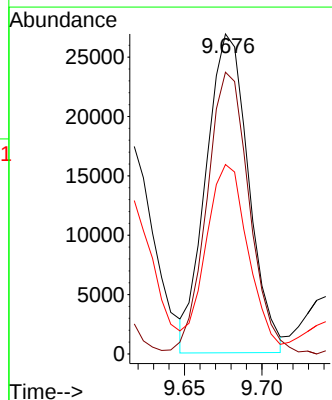
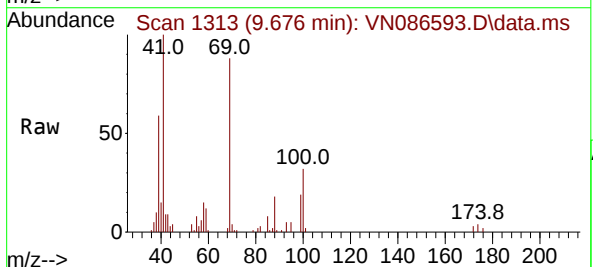
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0513WBS01

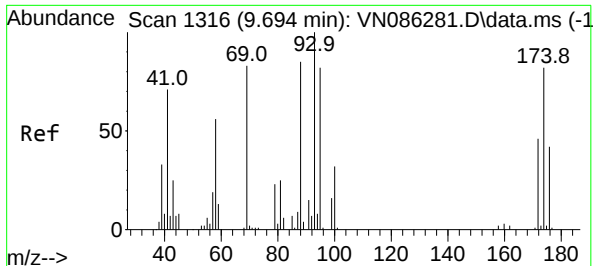
Tgt Ion: 83 Resp: 70548  
Ion Ratio Lower Upper  
83 100  
85 62.2 52.6 78.8  
127 8.7 6.1 9.1



#48  
Methyl methacrylate  
Concen: 16.284 ug/l  
RT: 9.676 min Scan# 1313  
Delta R.T. -0.000 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

Tgt Ion: 41 Resp: 51376  
Ion Ratio Lower Upper  
41 100  
69 88.9 68.2 102.2  
39 59.8 45.2 67.8





#49

1,4-Dioxane

Concen: 391.219 ug/l

RT: 9.694 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086593.D

Acq: 13 May 2025 11:45

Instrument :

MSVOA\_N

ClientSampleId :

VN0513WBS01

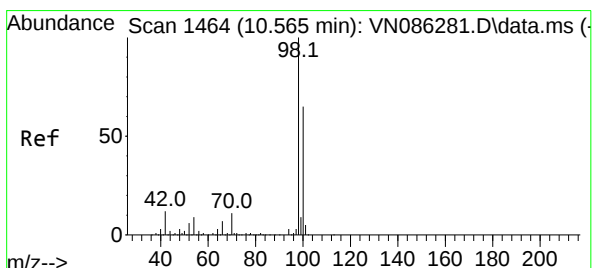
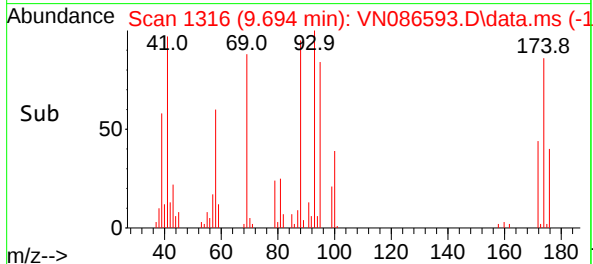
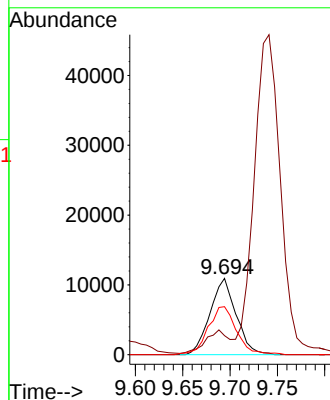
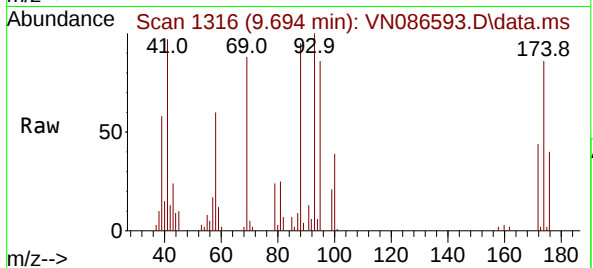
Tgt Ion: 88 Resp: 20995

Ion Ratio Lower Upper

88 100

43 25.4 23.8 35.8

58 68.2 57.4 86.2



#50

Toluene-d8

Concen: 49.496 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086593.D

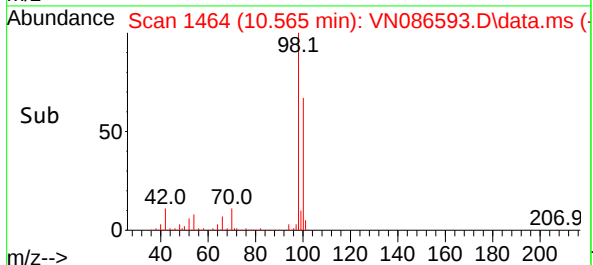
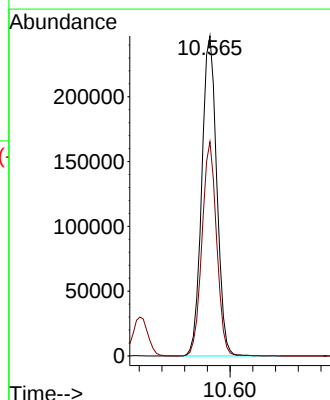
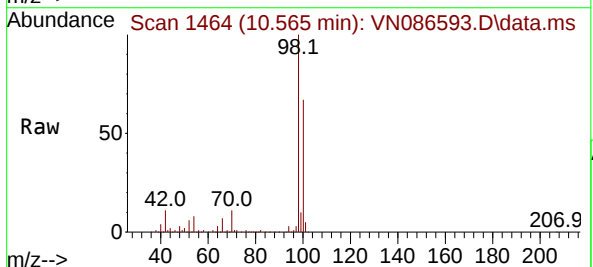
Acq: 13 May 2025 11:45

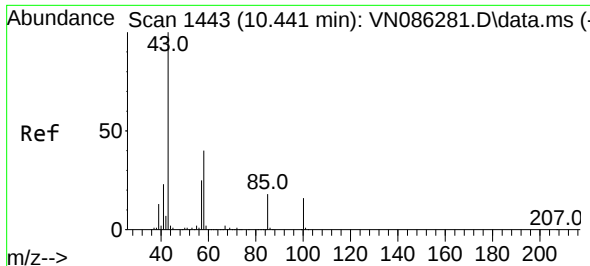
Tgt Ion: 98 Resp: 451956

Ion Ratio Lower Upper

98 100

100 65.3 52.5 78.7

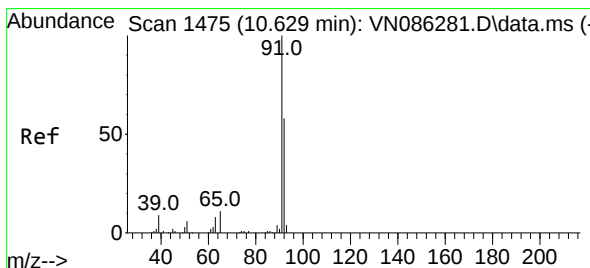
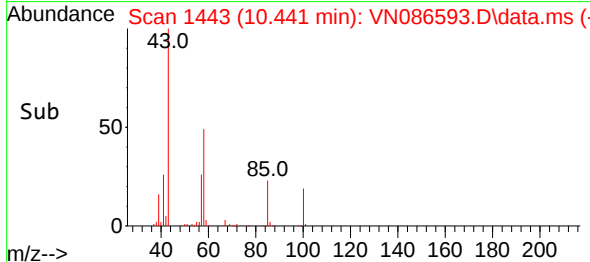
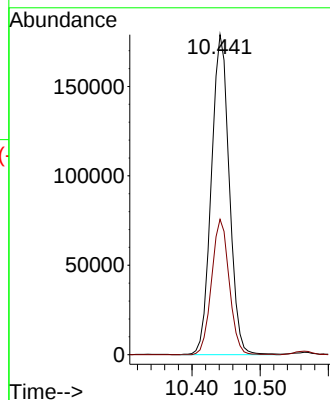
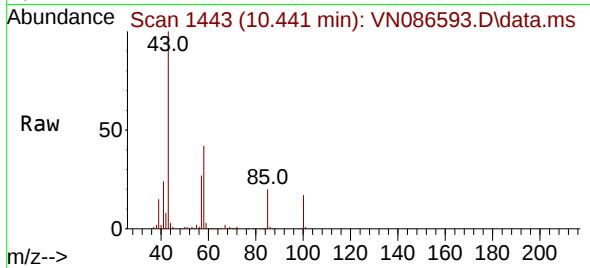




#51  
4-Methyl-2-Pentanone  
Concen: 88.959 ug/l  
RT: 10.441 min Scan# 1443  
Delta R.T. -0.000 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

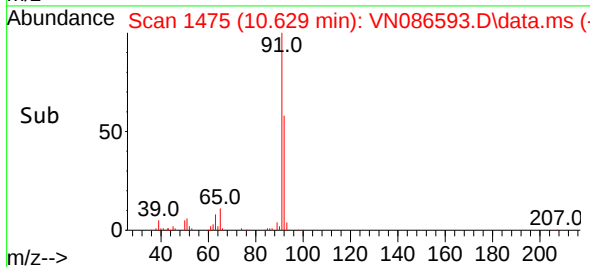
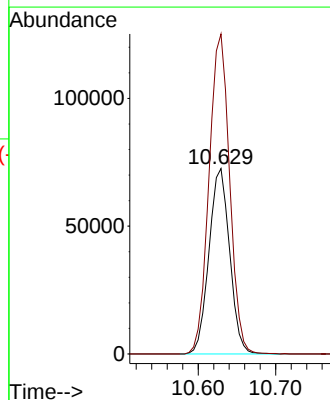
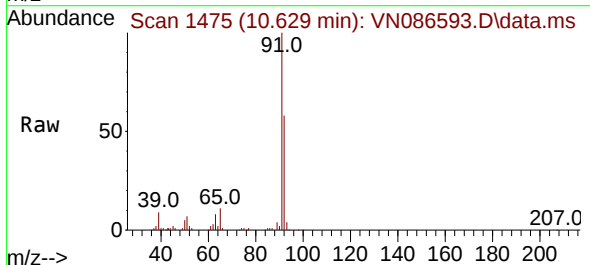
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0513WBS01

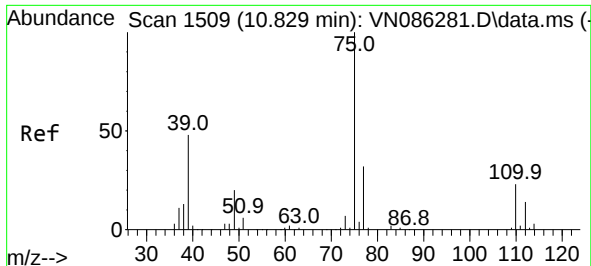
Tgt Ion: 43 Resp: 327272  
Ion Ratio Lower Upper  
43 100  
58 41.5 32.2 48.4



#52  
Toluene  
Concen: 19.699 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

Tgt Ion: 92 Resp: 134393  
Ion Ratio Lower Upper  
92 100  
91 172.0 137.3 205.9

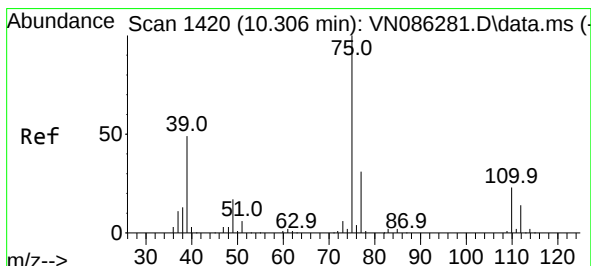
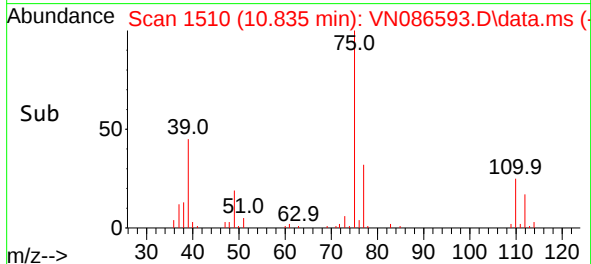
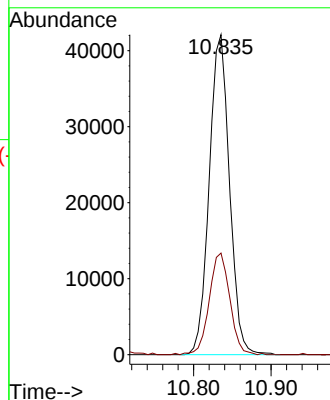
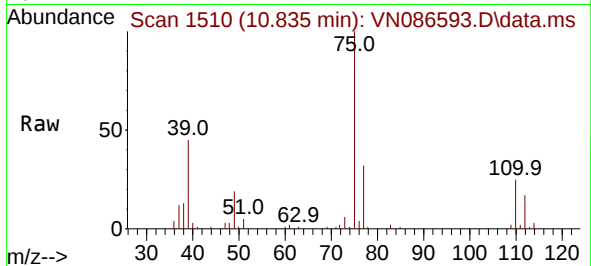




#53  
 t-1,3-Dichloropropene  
 Concen: 18.603 ug/l  
 RT: 10.835 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: VN086593.D  
 Acq: 13 May 2025 11:45

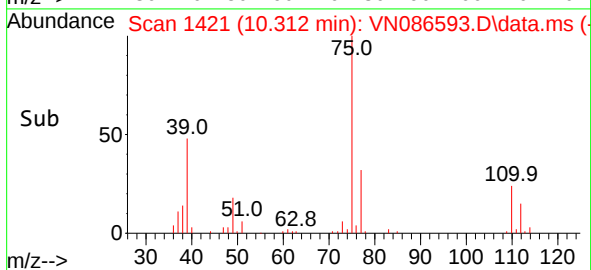
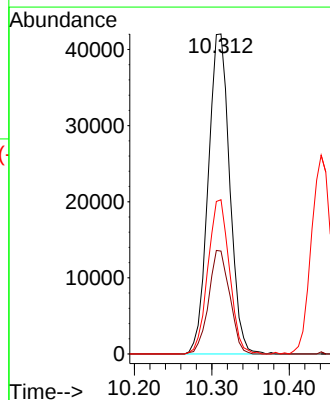
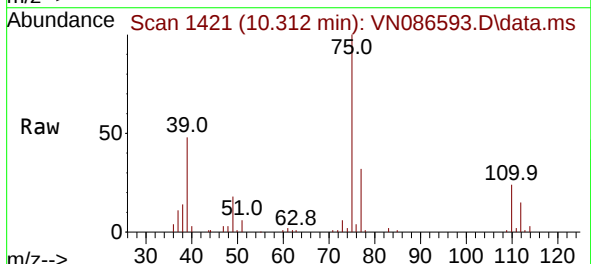
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0513WBS01

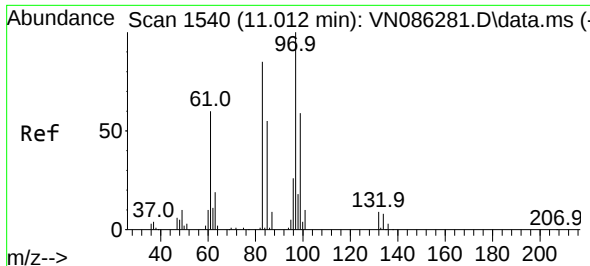
Tgt Ion: 75 Resp: 76479  
 Ion Ratio Lower Upper  
 75 100  
 77 31.8 25.4 38.0



#54  
 cis-1,3-Dichloropropene  
 Concen: 17.958 ug/l  
 RT: 10.312 min Scan# 1421  
 Delta R.T. 0.006 min  
 Lab File: VN086593.D  
 Acq: 13 May 2025 11:45

Tgt Ion: 75 Resp: 81090  
 Ion Ratio Lower Upper  
 75 100  
 77 32.1 25.2 37.8  
 39 48.2 39.3 58.9

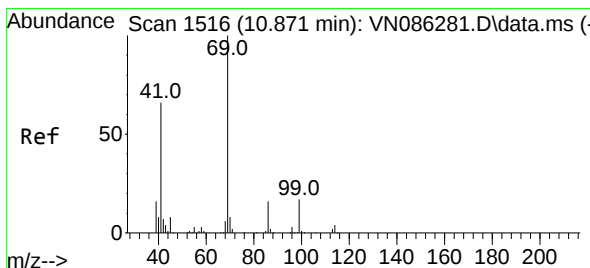
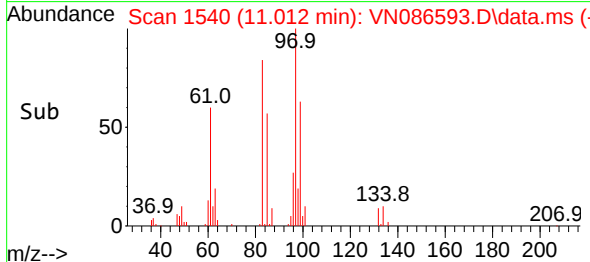
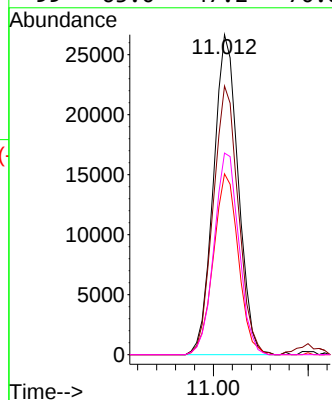
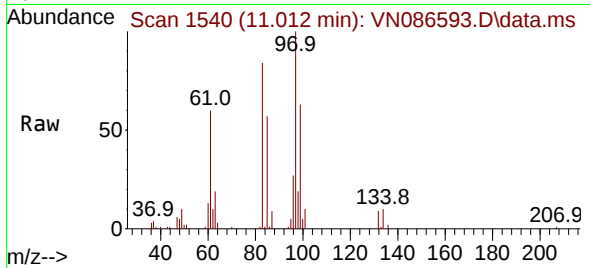




#55  
1,1,2-Trichloroethane  
Concen: 19.729 ug/l  
RT: 11.012 min Scan# 1540  
Delta R.T. -0.000 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

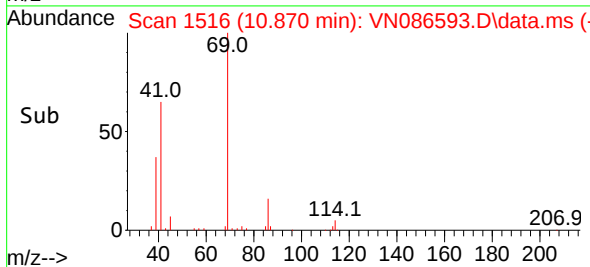
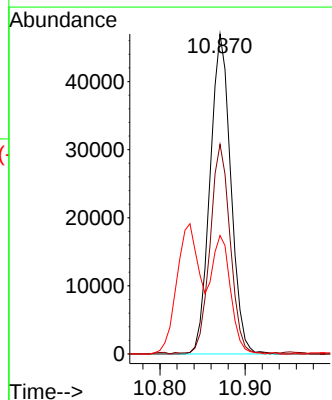
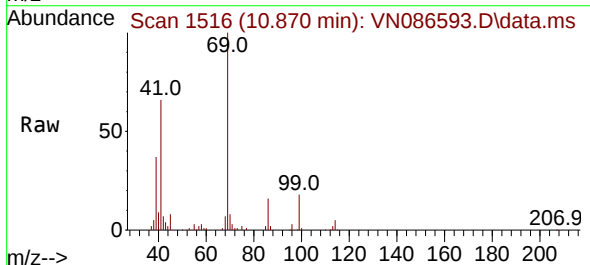
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0513WBS01

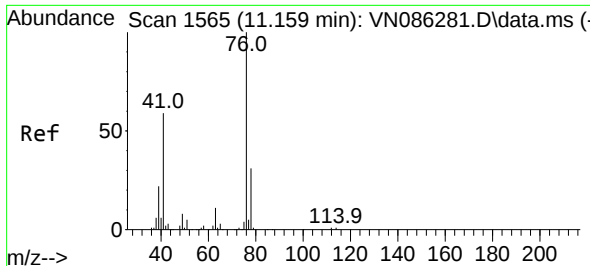
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 48425 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 84.0     | 68.4 102.6  |
| 85 56.5     | 43.9 65.9   |
| 99 63.0     | 47.2 70.8   |



#56  
Ethyl methacrylate  
Concen: 17.596 ug/l  
RT: 10.870 min Scan# 1516  
Delta R.T. -0.000 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 79393 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 63.7     | 51.7 77.5   |
| 39 34.2     | 26.3 39.5   |

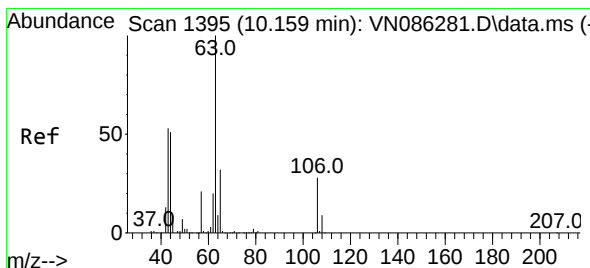
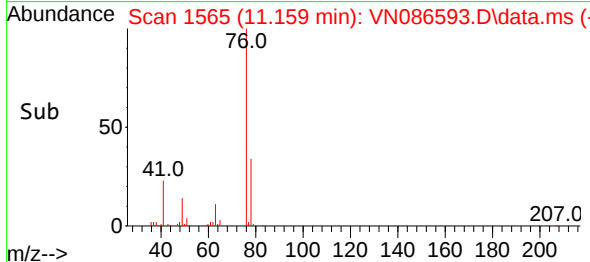
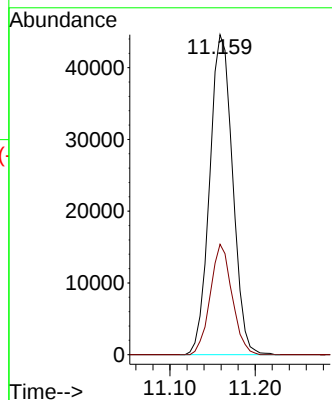
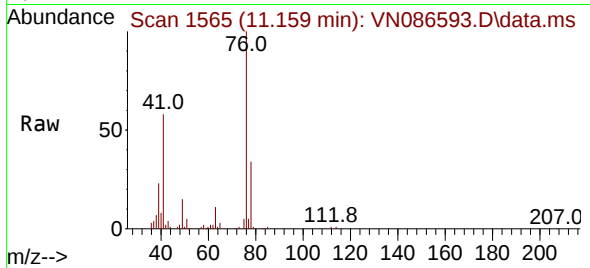




#57  
1,3-Dichloropropane  
Concen: 19.171 ug/l  
RT: 11.159 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

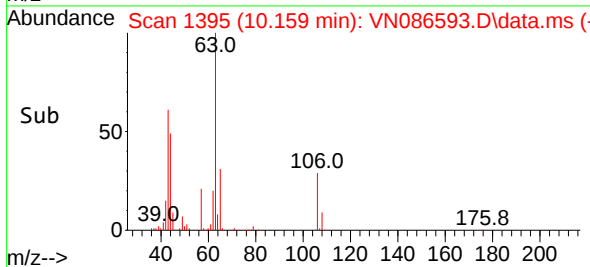
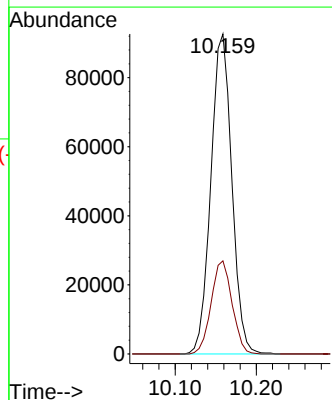
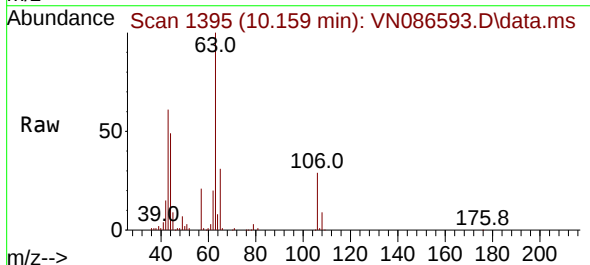
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0513WBS01

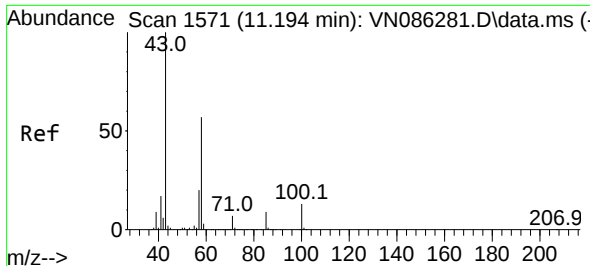
Tgt Ion: 76 Resp: 83488  
Ion Ratio Lower Upper  
76 100  
78 32.7 25.6 38.4



#58  
2-Chloroethyl Vinyl ether  
Concen: 77.581 ug/l  
RT: 10.159 min Scan# 1395  
Delta R.T. -0.000 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

Tgt Ion: 63 Resp: 166139  
Ion Ratio Lower Upper  
63 100  
106 29.0 22.2 33.2

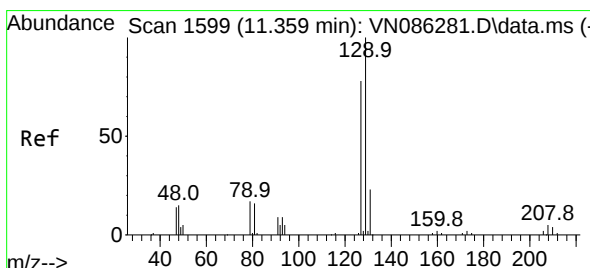
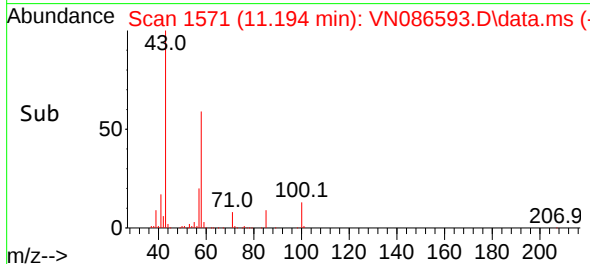
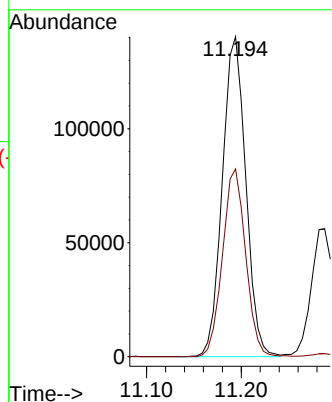
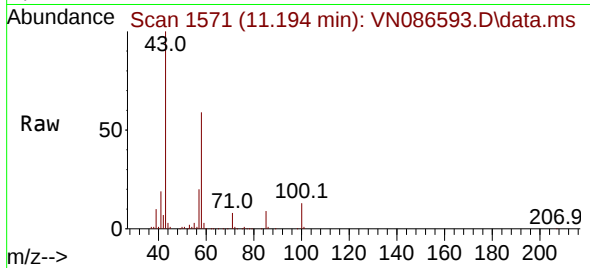




#59  
2-Hexanone  
Concen: 88.497 ug/l  
RT: 11.194 min Scan# 1571  
Delta R.T. -0.000 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

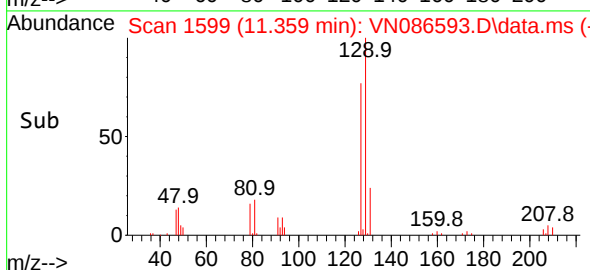
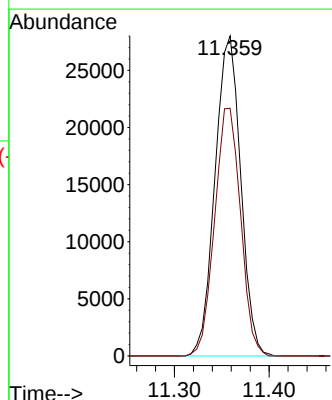
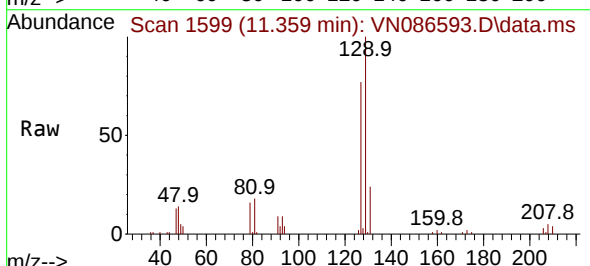
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MSVOA\_N  
ClientSampleId :  
VN0513WBS01

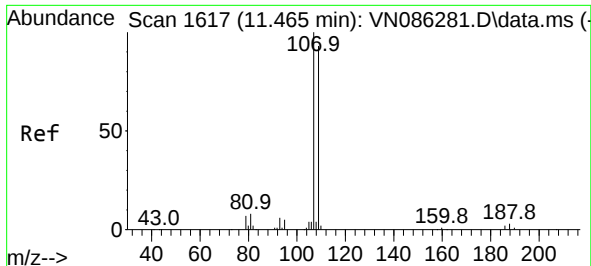
Tgt Ion: 43 Resp: 241488  
Ion Ratio Lower Upper  
43 100  
58 58.0 28.3 85.0



#60  
Dibromochloromethane  
Concen: 19.642 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. -0.000 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

Tgt Ion: 129 Resp: 52941  
Ion Ratio Lower Upper  
129 100  
127 78.0 38.7 116.1

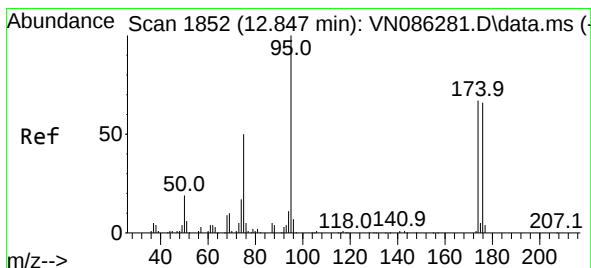
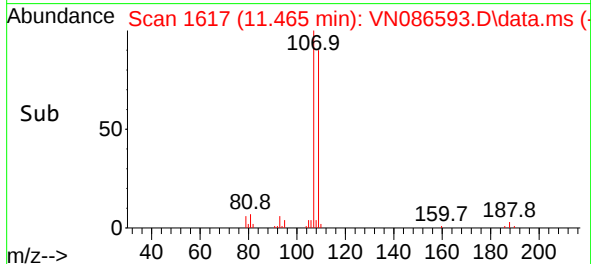
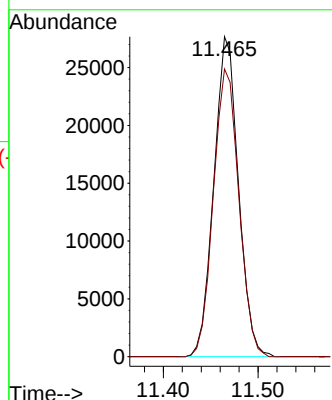
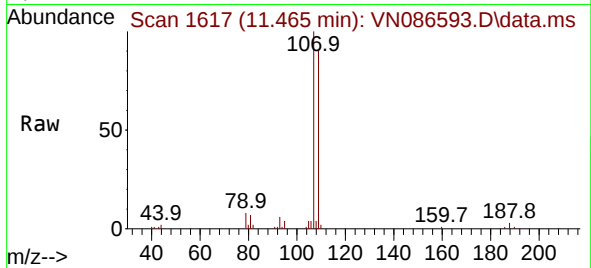




#61  
1,2-Dibromoethane  
Concen: 20.165 ug/l  
RT: 11.465 min Scan# 1617  
Delta R.T. -0.000 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

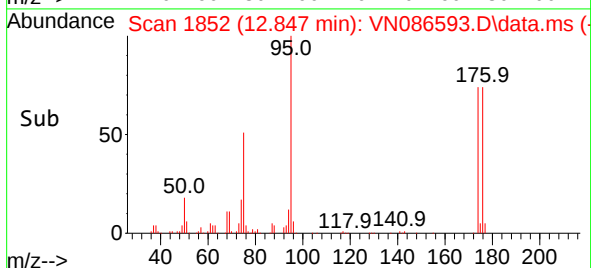
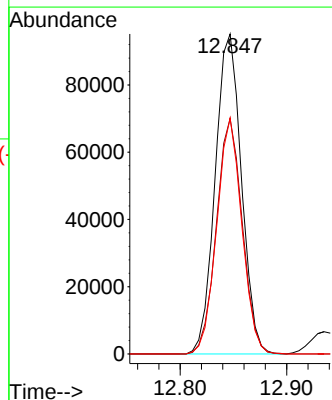
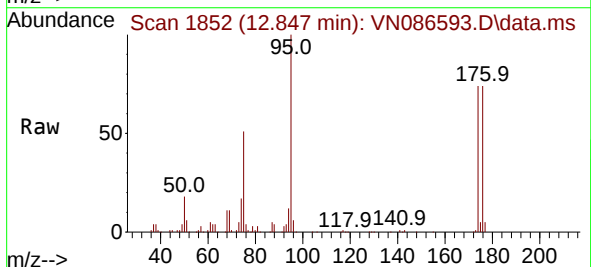
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0513WBS01

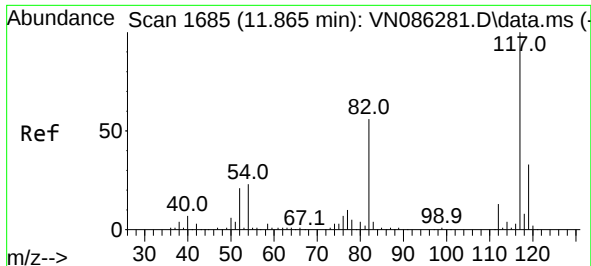
Tgt Ion:107 Resp: 49943  
Ion Ratio Lower Upper  
107 100  
109 93.1 75.4 113.0



#62  
4-Bromofluorobenzene  
Concen: 48.834 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

Tgt Ion: 95 Resp: 162645  
Ion Ratio Lower Upper  
95 100  
174 72.6 0.0 133.4  
176 70.5 0.0 129.2

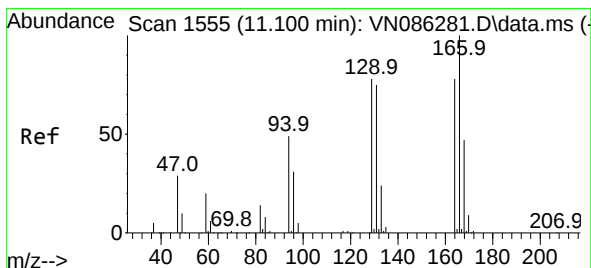
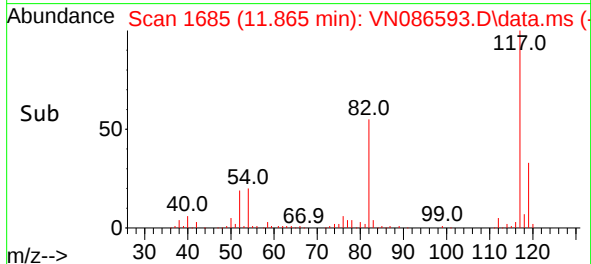
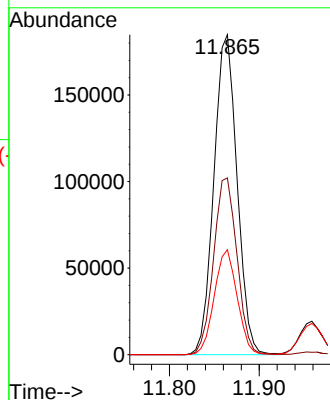
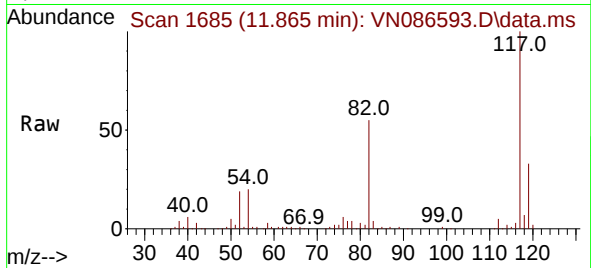




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

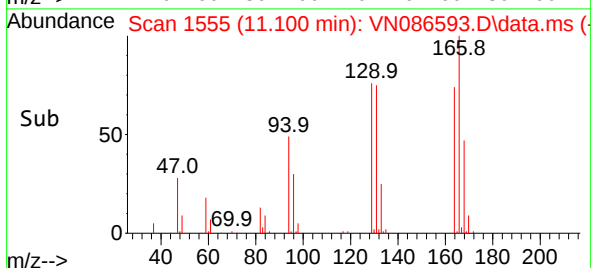
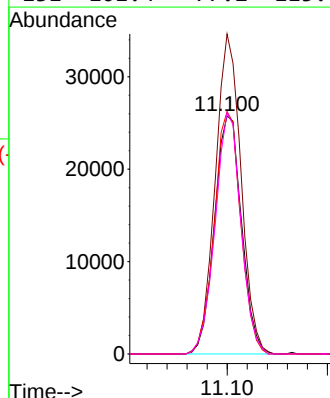
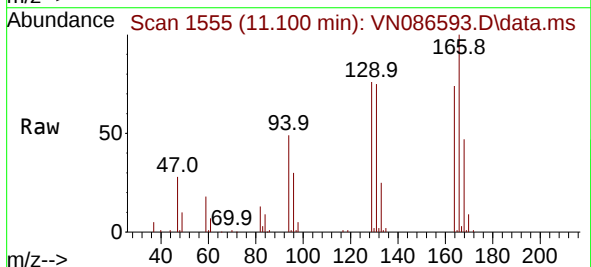
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0513WBS01

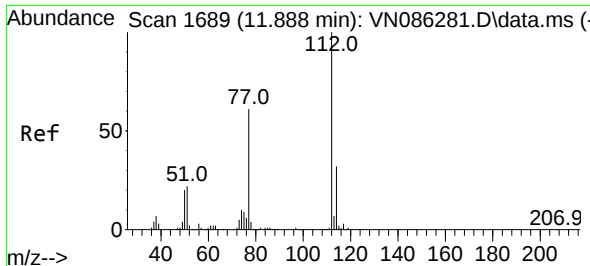
Tgt Ion:117 Resp: 331562  
Ion Ratio Lower Upper  
117 100  
82 55.3 44.7 67.1  
119 32.8 26.4 39.6



#64  
Tetrachloroethene  
Concen: 18.943 ug/l  
RT: 11.100 min Scan# 1555  
Delta R.T. -0.000 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

Tgt Ion:164 Resp: 48313  
Ion Ratio Lower Upper  
164 100  
166 134.4 103.0 154.4  
129 101.8 80.1 120.1  
131 101.4 77.2 115.8

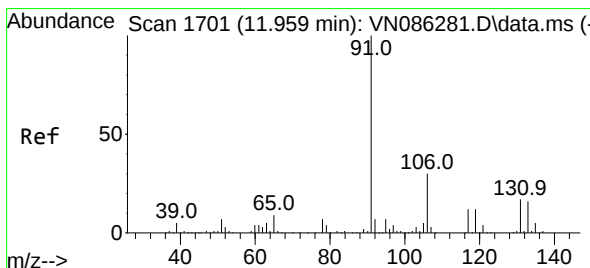
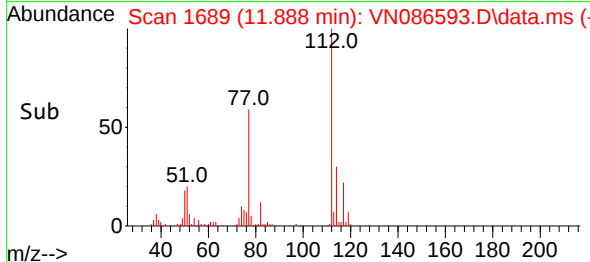
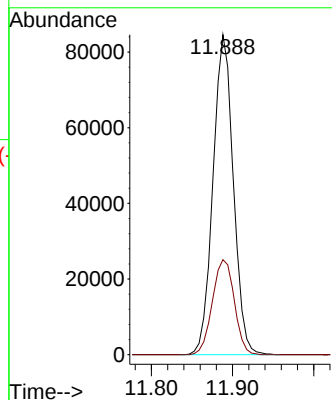
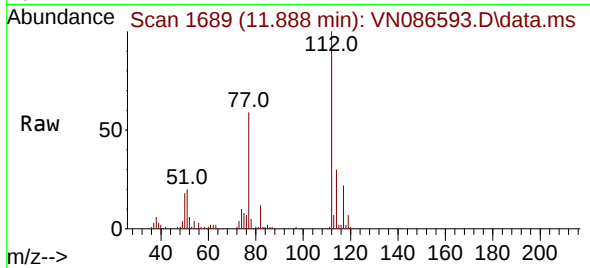




#65  
Chlorobenzene  
Concen: 19.874 ug/l  
RT: 11.888 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

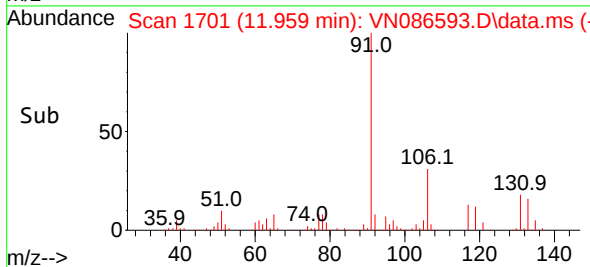
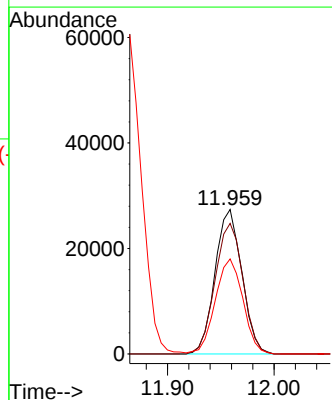
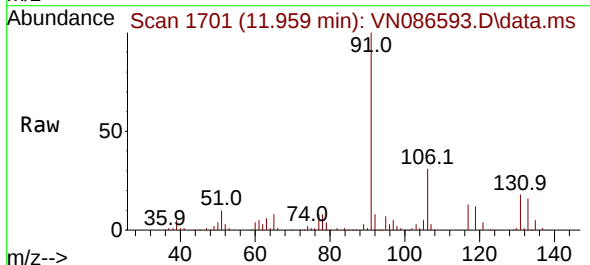
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0513WBS01

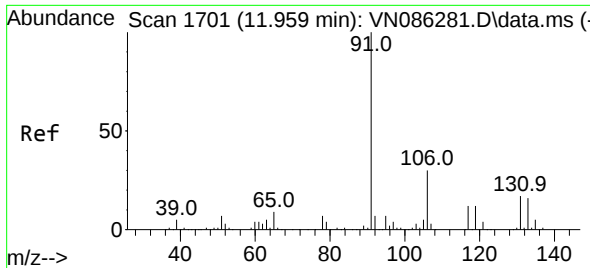
Tgt Ion:112 Resp: 147057  
Ion Ratio Lower Upper  
112 100  
114 29.7 25.4 38.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.630 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

Tgt Ion:131 Resp: 47917  
Ion Ratio Lower Upper  
131 100  
133 94.1 47.1 141.3  
119 67.7 33.8 101.4

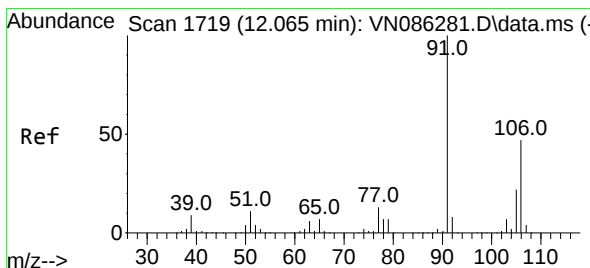
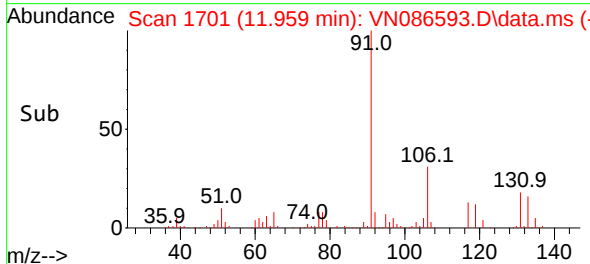
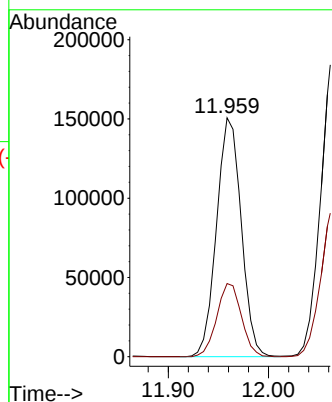
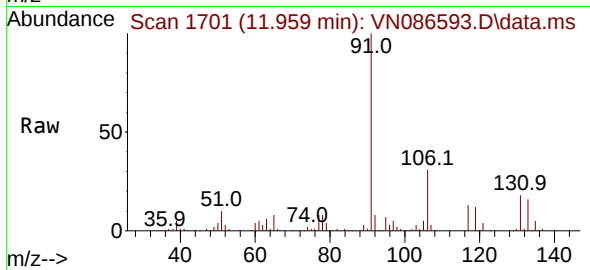




#67  
Ethyl Benzene  
Concen: 19.253 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

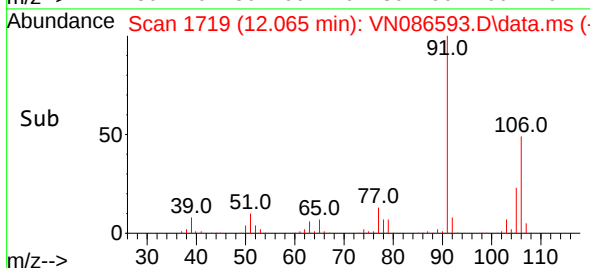
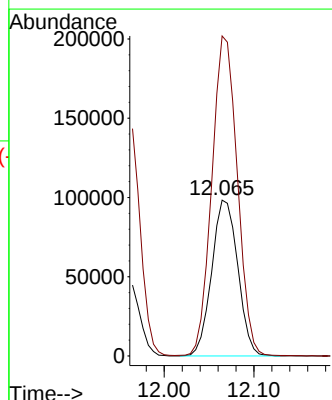
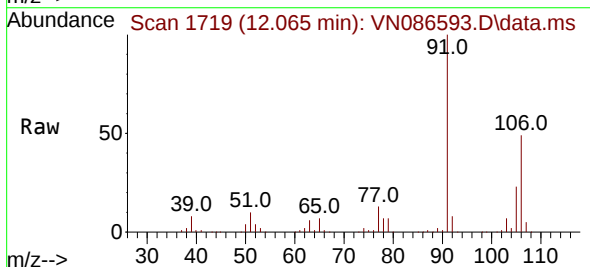
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MSVOA\_N  
ClientSampleId :  
VN0513WBS01

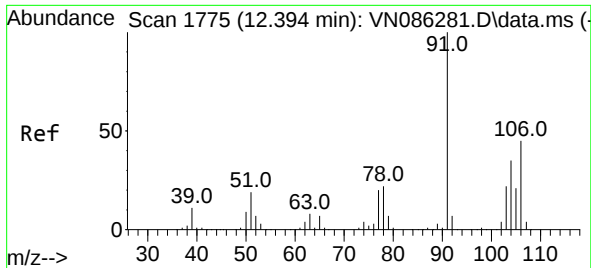
Tgt Ion: 91 Resp: 257076  
Ion Ratio Lower Upper  
91 100  
106 30.6 24.3 36.5



#68  
m/p-Xylenes  
Concen: 39.614 ug/l  
RT: 12.065 min Scan# 1719  
Delta R.T. -0.000 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

Tgt Ion: 106 Resp: 198193  
Ion Ratio Lower Upper  
106 100  
91 201.4 166.5 249.7

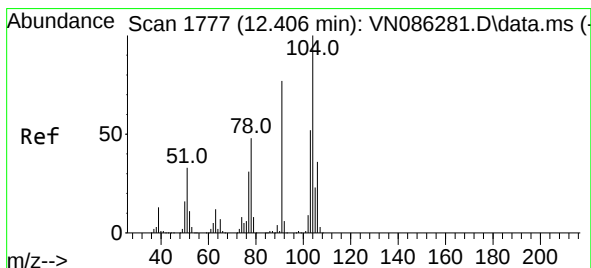
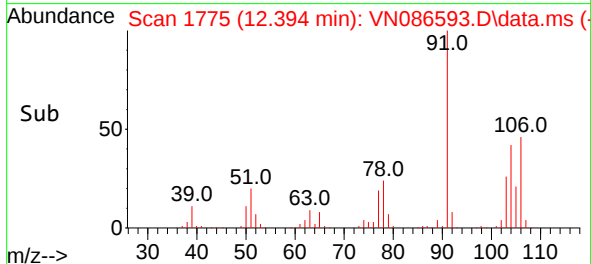
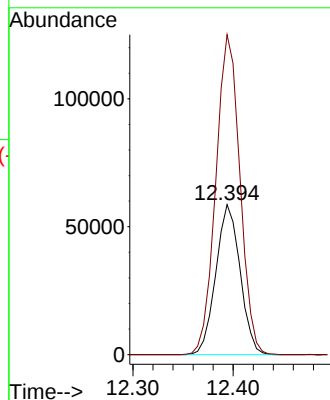
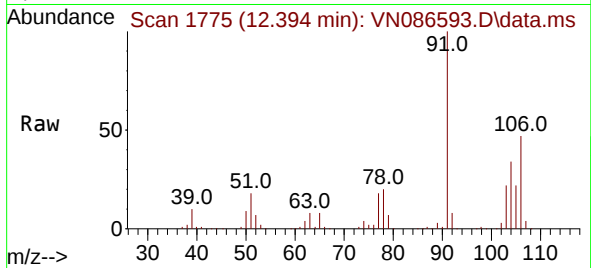




#69  
o-Xylene  
Concen: 19.880 ug/l  
RT: 12.394 min Scan# 1775  
Delta R.T. -0.000 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

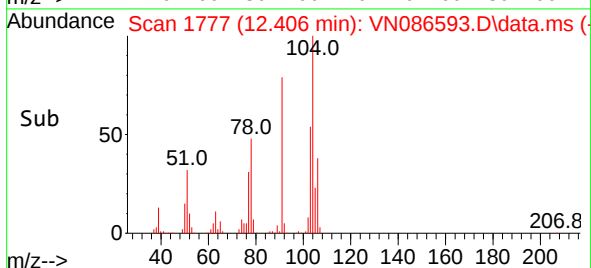
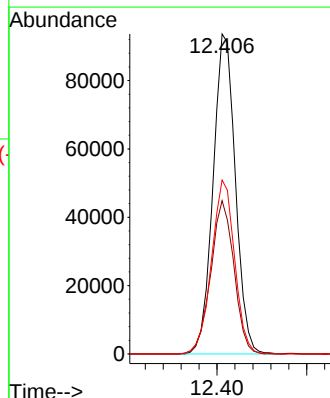
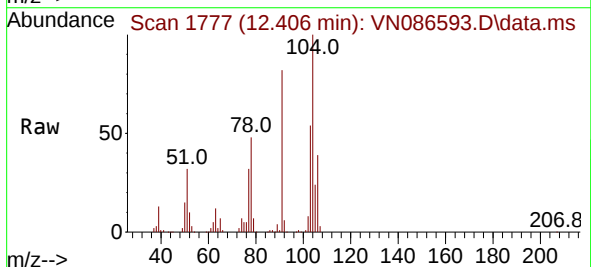
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MSVOA\_N  
ClientSampleId :  
VN0513WBS01

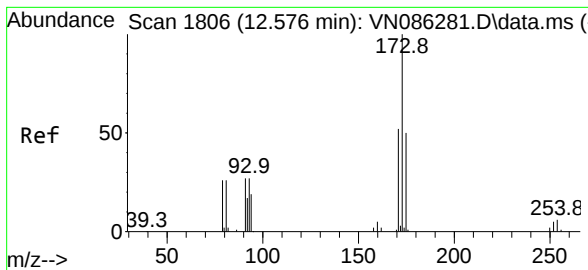
Tgt Ion:106 Resp: 98359  
Ion Ratio Lower Upper  
106 100  
91 212.3 109.7 329.0



#70  
Styrene  
Concen: 19.600 ug/l  
RT: 12.406 min Scan# 1777  
Delta R.T. -0.000 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

Tgt Ion:104 Resp: 161579  
Ion Ratio Lower Upper  
104 100  
78 49.8 40.6 61.0  
103 56.1 43.6 65.4

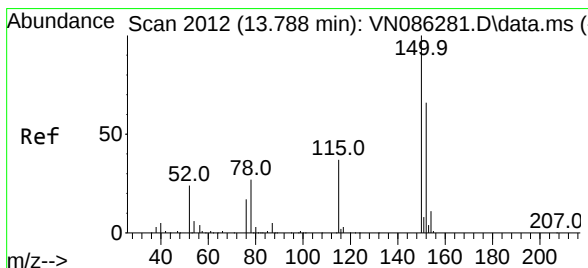
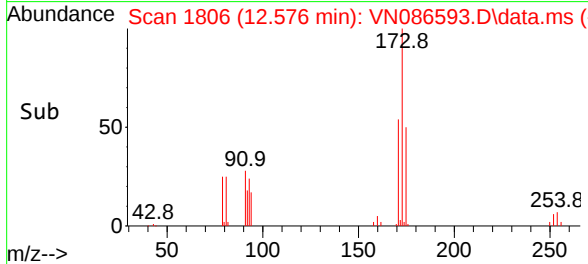
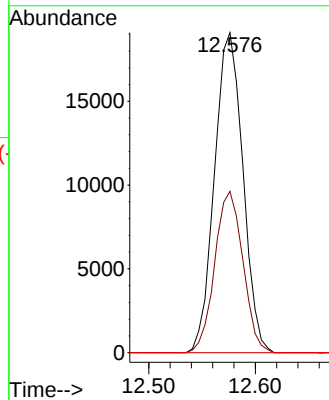
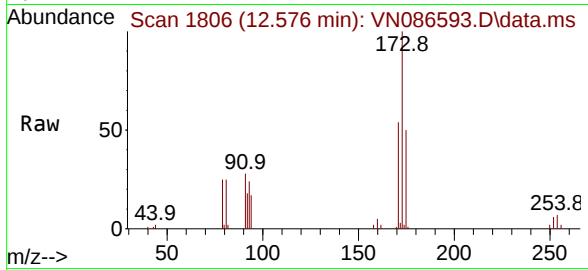




#71  
Bromoform  
Concen: 19.245 ug/l  
RT: 12.576 min Scan# 1806  
Delta R.T. -0.000 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

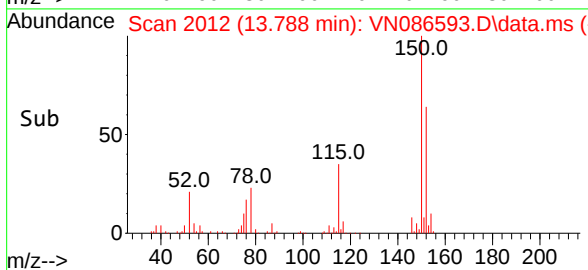
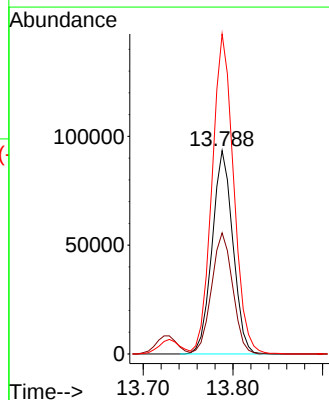
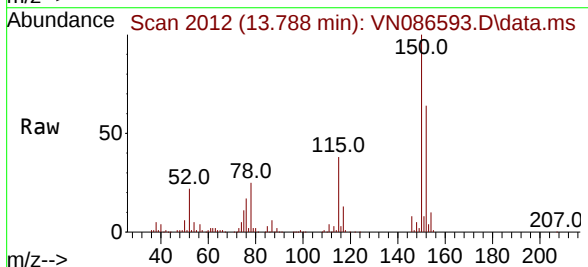
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ClientSampleId :  
VN0513WBS01

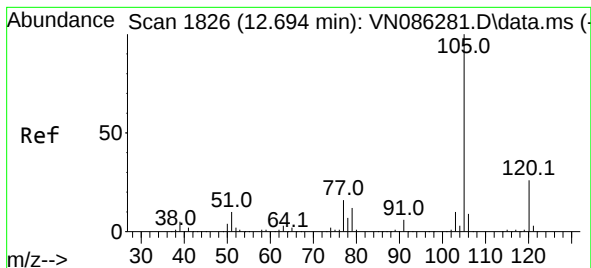
Tgt Ion:173 Resp: 35369  
Ion Ratio Lower Upper  
173 100  
175 50.0 24.6 73.6  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.788 min Scan# 2012  
Delta R.T. -0.000 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

Tgt Ion:152 Resp: 150204  
Ion Ratio Lower Upper  
152 100  
115 60.6 31.9 95.9  
150 163.6 0.0 352.0





#73

Isopropylbenzene

Concen: 19.124 ug/l

RT: 12.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086593.D

Acq: 13 May 2025 11:45

Instrument :

MSVOA\_N

ClientSampleId :

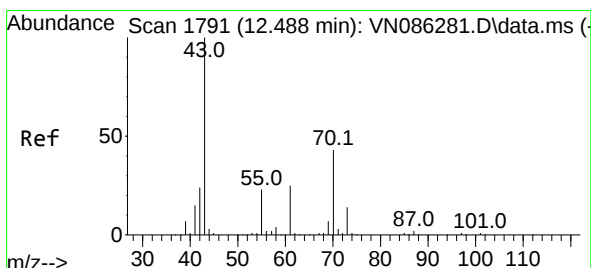
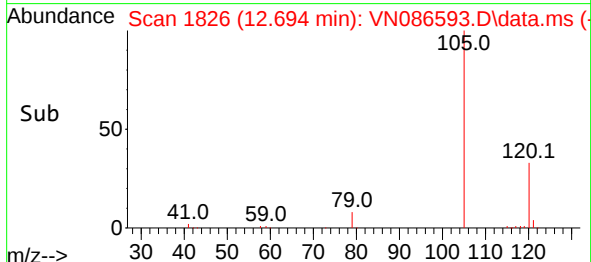
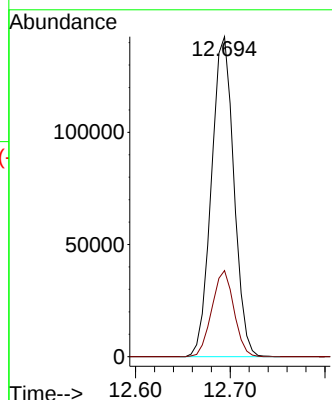
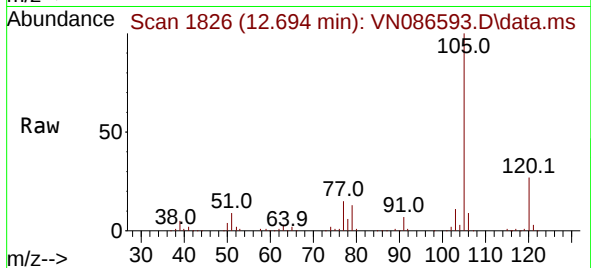
VN0513WBS01

Tgt Ion:105 Resp: 234979

Ion Ratio Lower Upper

105 100

120 26.4 13.1 39.3



#74

N-ethyl acetate

Concen: 16.798 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VN086593.D

Acq: 13 May 2025 11:45

Tgt Ion: 43 Resp: 102753

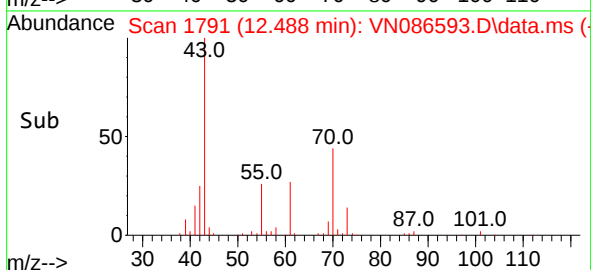
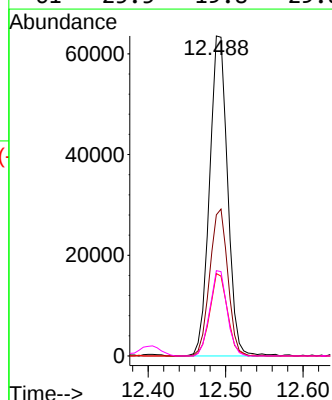
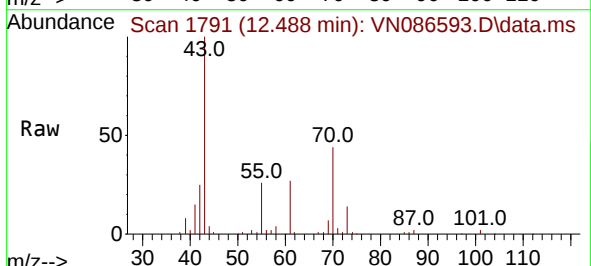
Ion Ratio Lower Upper

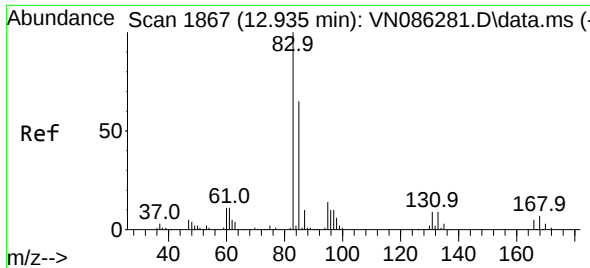
43 100

70 45.9 35.0 52.4

55 25.1 19.0 28.4

61 25.5 19.8 29.8

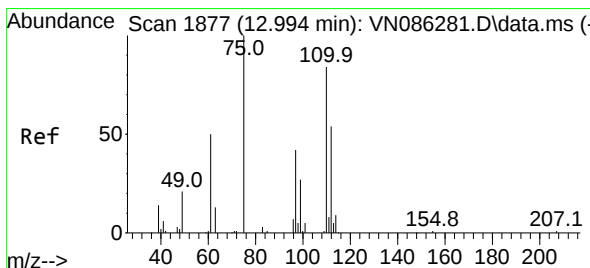
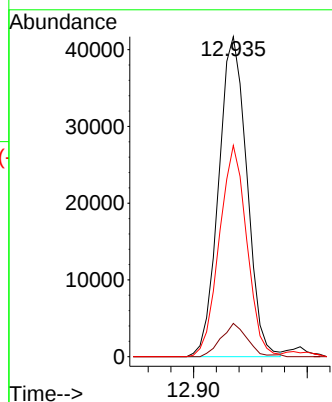
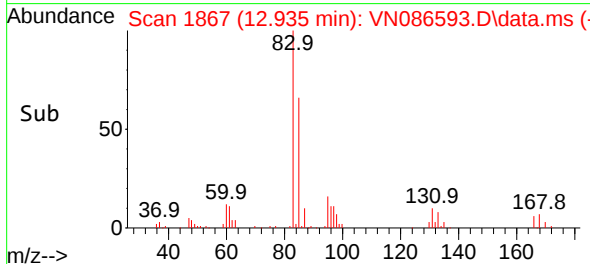
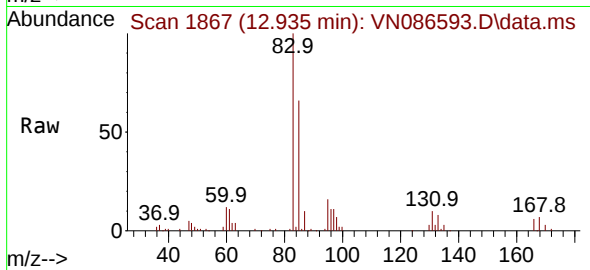




#75  
1,1,2-Tetrachloroethane  
Concen: 20.361 ug/l  
RT: 12.935 min Scan# 1867  
Delta R.T. -0.000 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

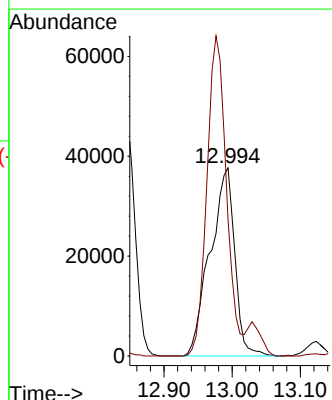
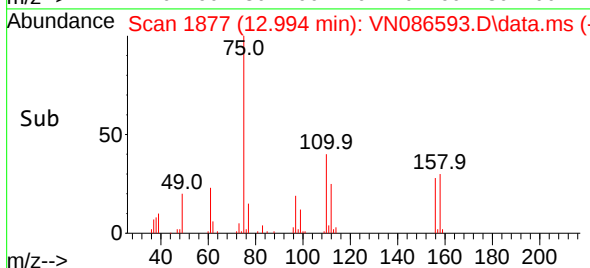
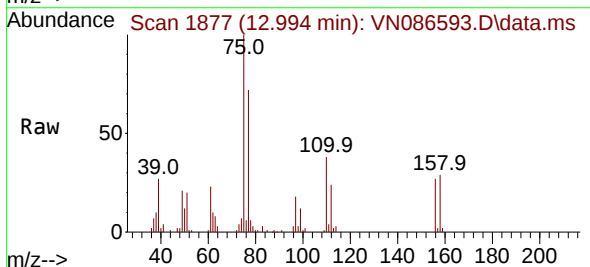
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0513WBS01

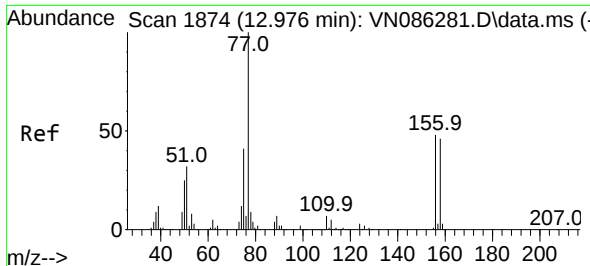
Tgt Ion: 83 Resp: 71932  
Ion Ratio Lower Upper  
83 100  
131 9.7 4.7 14.1  
85 64.3 32.7 98.1



#76  
1,2,3-Trichloropropane  
Concen: 26.733 ug/l  
RT: 12.994 min Scan# 1877  
Delta R.T. -0.000 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

Tgt Ion: 75 Resp: 94758  
Ion Ratio Lower Upper  
75 100  
77 135.3 98.8 296.4

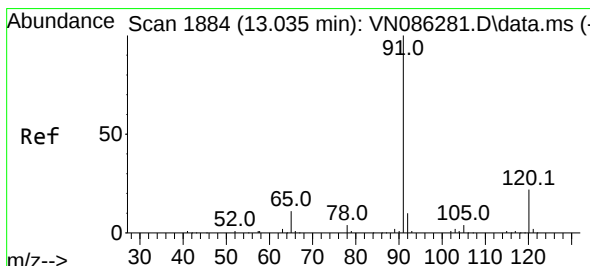
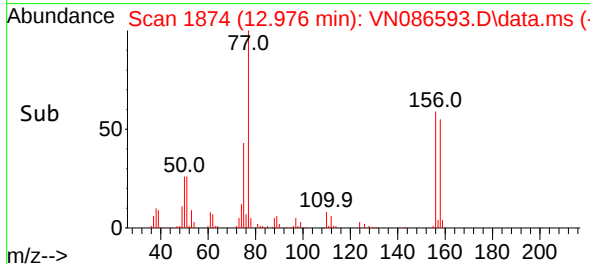
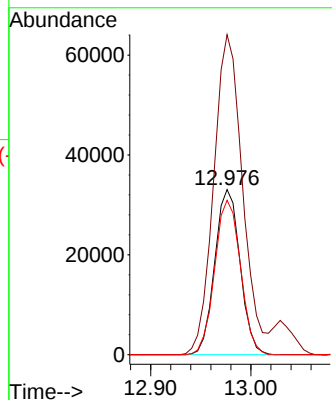
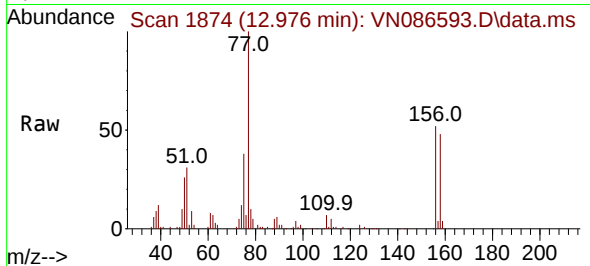




#77  
Bromobenzene  
Concen: 21.232 ug/l  
RT: 12.976 min Scan# 1874  
Delta R.T. -0.000 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

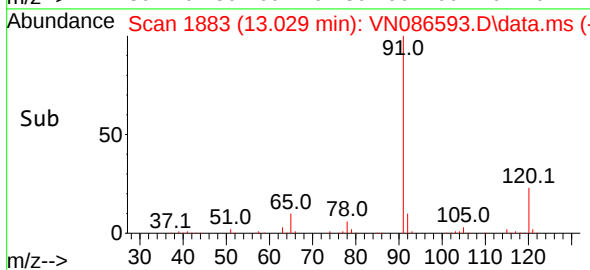
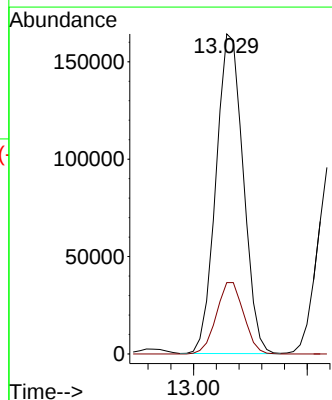
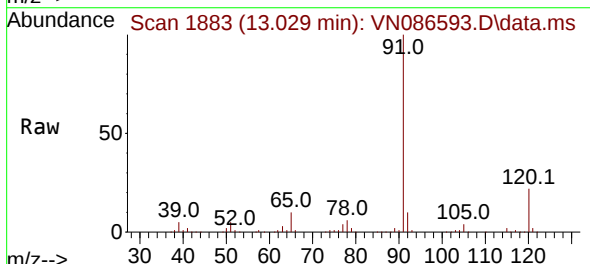
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0513WBS01

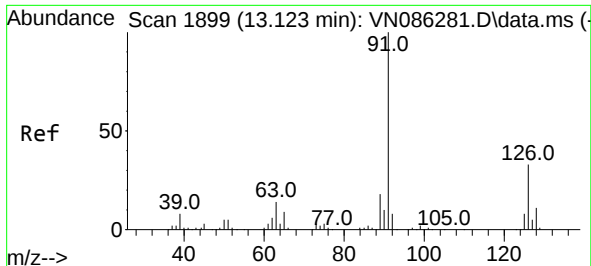
Tgt Ion:156 Resp: 57805  
Ion Ratio Lower Upper  
156 100  
77 221.9 121.1 363.1  
158 95.7 47.9 143.6



#78  
n-propylbenzene  
Concen: 18.869 ug/l  
RT: 13.029 min Scan# 1883  
Delta R.T. -0.006 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

Tgt Ion: 91 Resp: 273203  
Ion Ratio Lower Upper  
91 100  
120 22.4 11.1 33.3

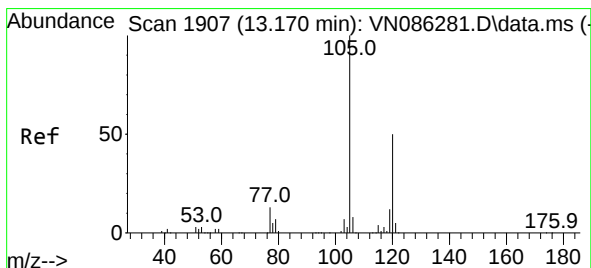
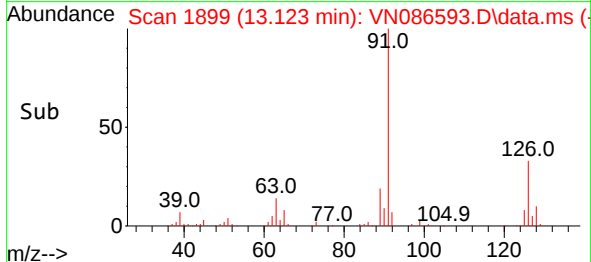
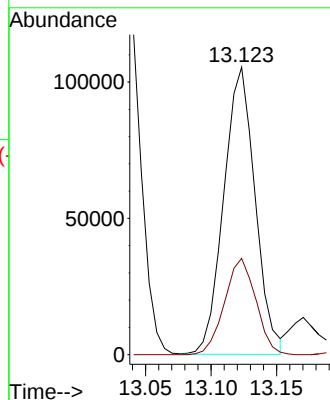
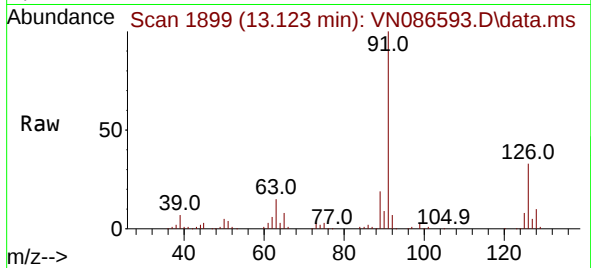




#79  
2-Chlorotoluene  
Concen: 19.361 ug/l  
RT: 13.123 min Scan# 1899  
Delta R.T. -0.000 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

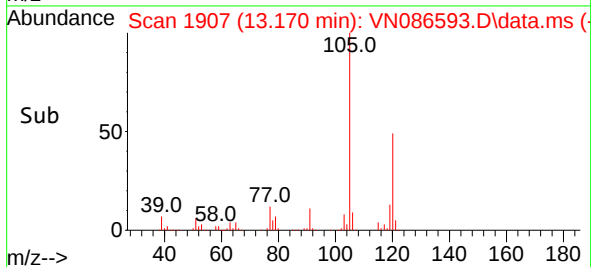
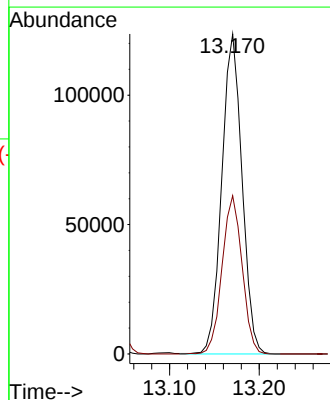
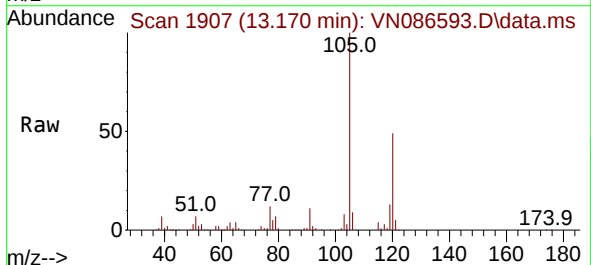
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0513WBS01

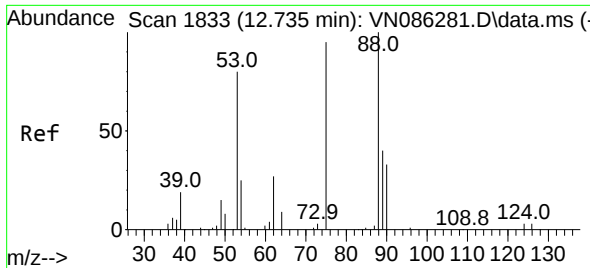
Tgt Ion: 91 Resp: 175413  
Ion Ratio Lower Upper  
91 100  
126 33.4 16.1 48.2



#80  
1,3,5-Trimethylbenzene  
Concen: 19.236 ug/l  
RT: 13.170 min Scan# 1907  
Delta R.T. -0.000 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

Tgt Ion: 105 Resp: 193448  
Ion Ratio Lower Upper  
105 100  
120 48.9 24.5 73.5

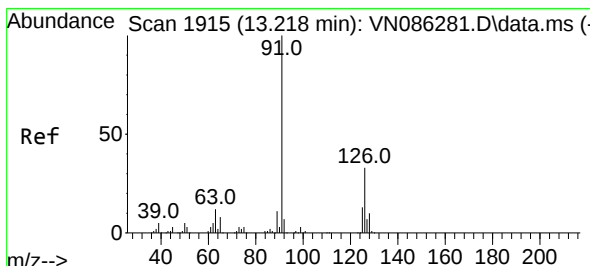
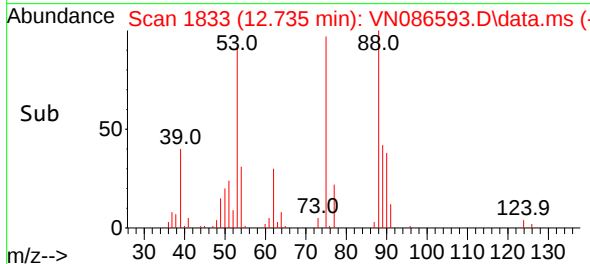
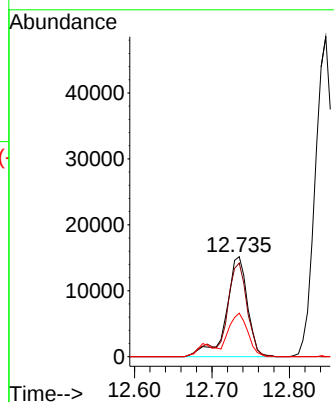
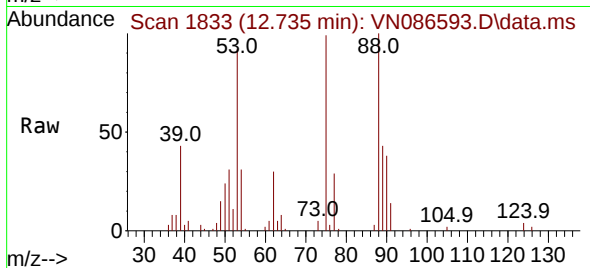




#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.398 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. -0.000 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

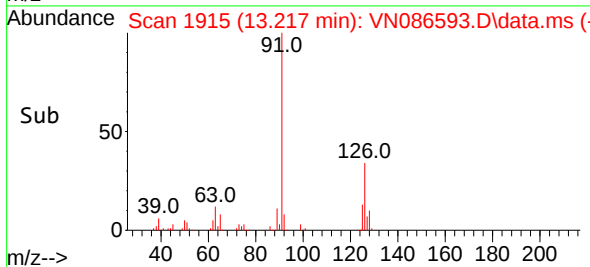
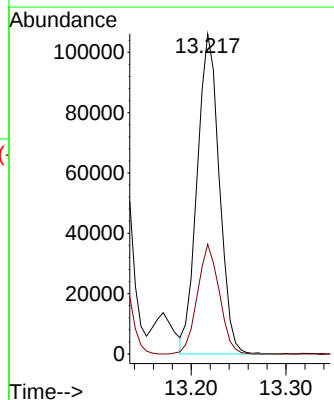
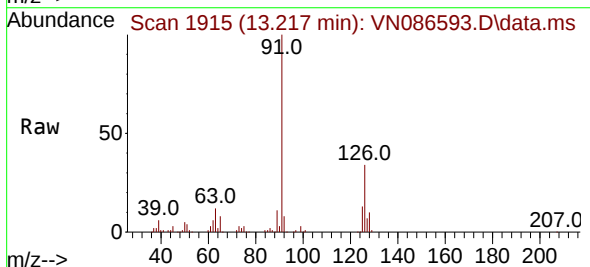
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0513WBS01

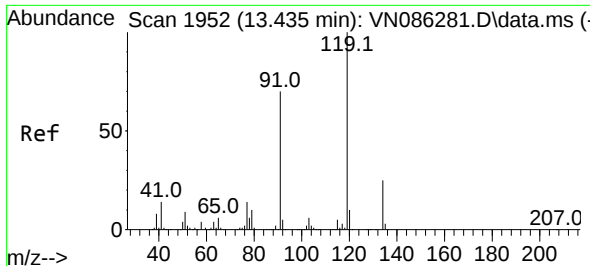
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 28629 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 83.9  | 79.2  | 118.8 |
| 89       | 39.3  | 35.7  | 53.5  |



#82  
4-Chlorotoluene  
Concen: 19.122 ug/l  
RT: 13.217 min Scan# 1915  
Delta R.T. -0.000 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 172092 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 33.9  | 16.2  | 48.6   |

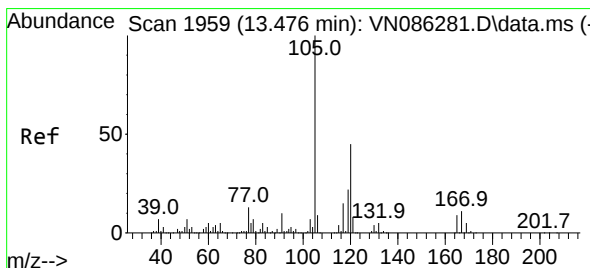
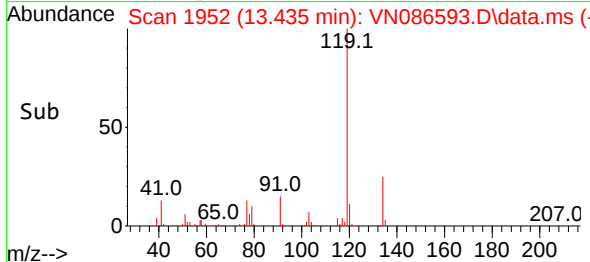
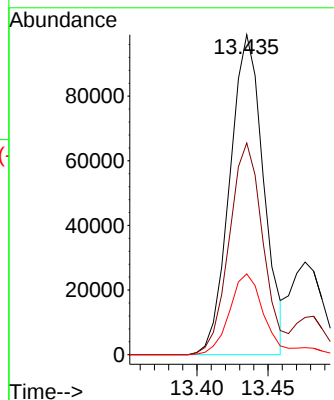
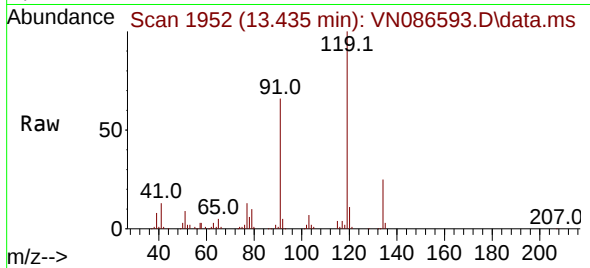




#83  
 tert-Butylbenzene  
 Concen: 18.832 ug/l  
 RT: 13.435 min Scan# 1952  
 Delta R.T. -0.000 min  
 Lab File: VN086593.D  
 Acq: 13 May 2025 11:45

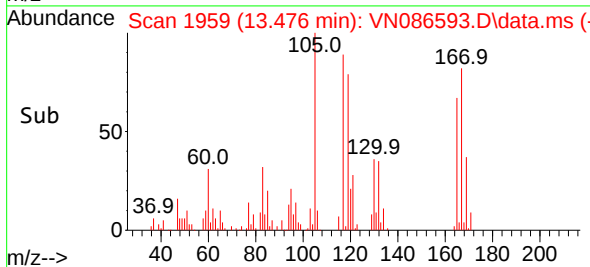
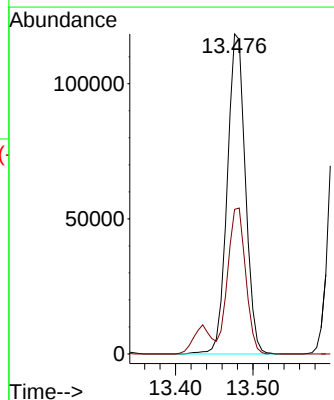
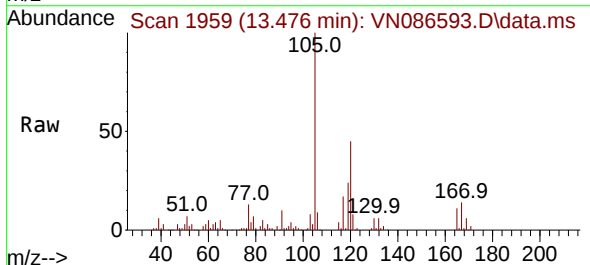
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0513WBS01

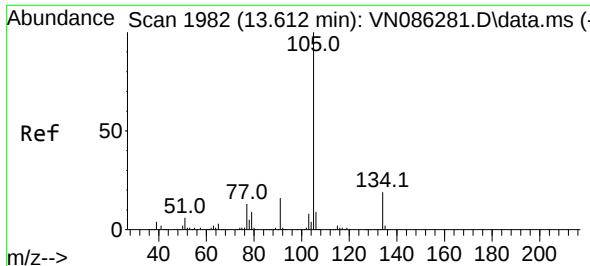
Tgt Ion:119 Resp: 164102  
 Ion Ratio Lower Upper  
 119 100  
 91 66.7 34.4 103.3  
 134 26.8 13.0 39.0



#84  
 1,2,4-Trimethylbenzene  
 Concen: 18.840 ug/l  
 RT: 13.476 min Scan# 1959  
 Delta R.T. -0.000 min  
 Lab File: VN086593.D  
 Acq: 13 May 2025 11:45

Tgt Ion:105 Resp: 192860  
 Ion Ratio Lower Upper  
 105 100  
 120 45.0 22.4 67.3

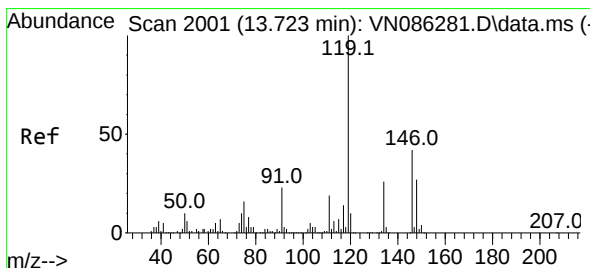
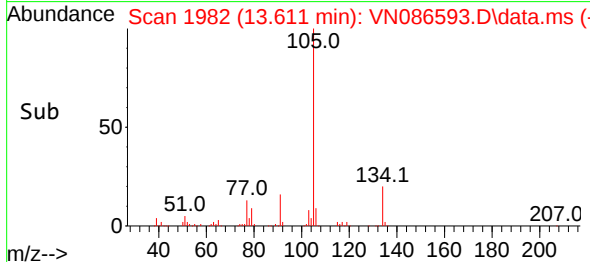
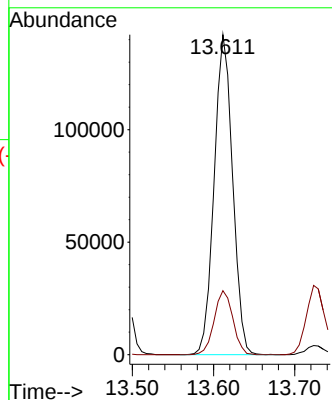
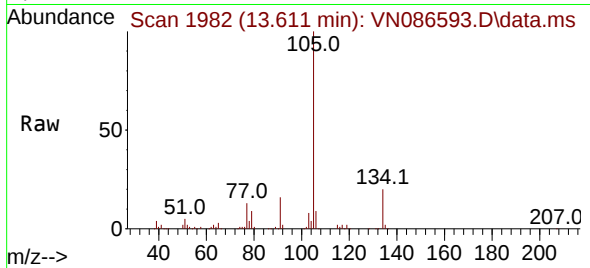




#85  
 sec-Butylbenzene  
 Concen: 18.600 ug/l  
 RT: 13.611 min Scan# 1982  
 Delta R.T. -0.000 min  
 Lab File: VN086593.D  
 Acq: 13 May 2025 11:45

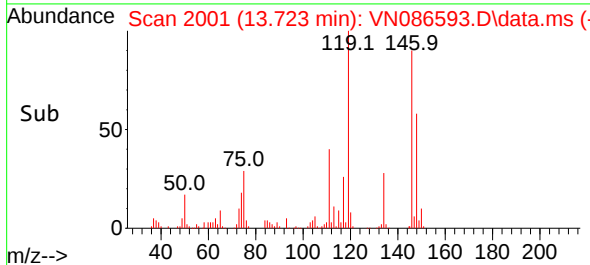
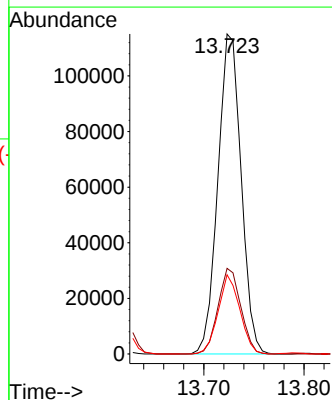
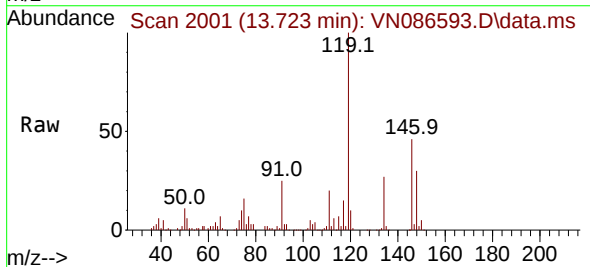
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0513WBS01

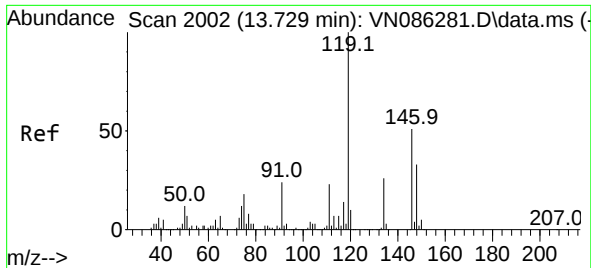
Tgt Ion:105 Resp: 224807  
 Ion Ratio Lower Upper  
 105 100  
 134 20.2 9.7 29.1



#86  
 p-Isopropyltoluene  
 Concen: 18.612 ug/l  
 RT: 13.723 min Scan# 2001  
 Delta R.T. -0.000 min  
 Lab File: VN086593.D  
 Acq: 13 May 2025 11:45

Tgt Ion:119 Resp: 185419  
 Ion Ratio Lower Upper  
 119 100  
 134 26.1 13.1 39.1  
 91 23.1 11.9 35.9

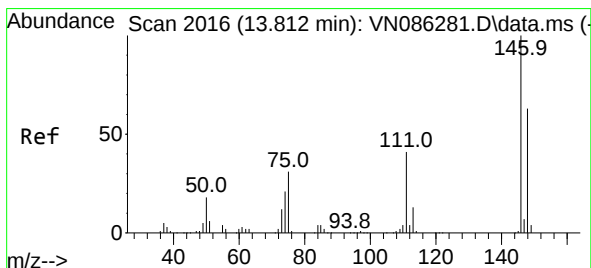
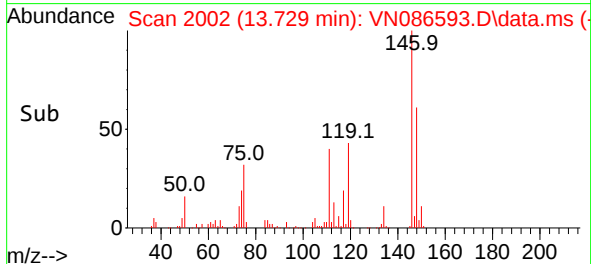
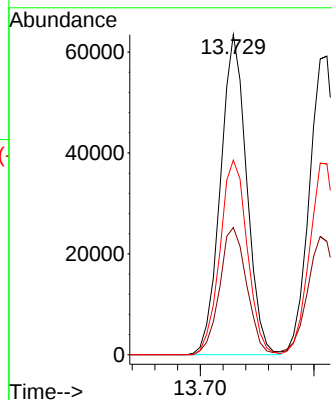
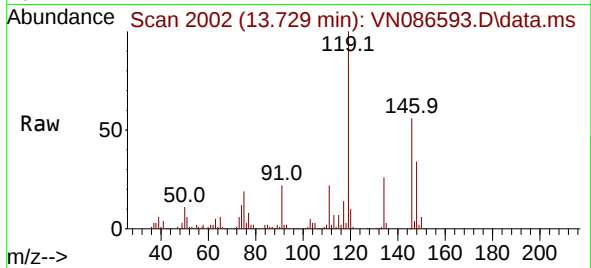




#87  
 1,3-Dichlorobenzene  
 Concen: 19.872 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. -0.000 min  
 Lab File: VN086593.D  
 Acq: 13 May 2025 11:45

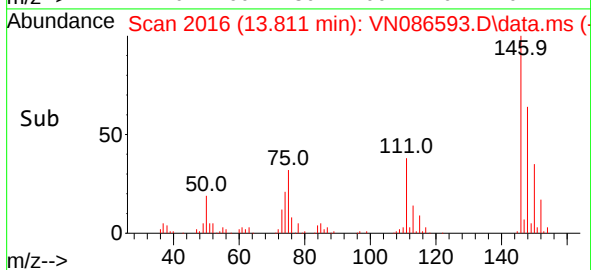
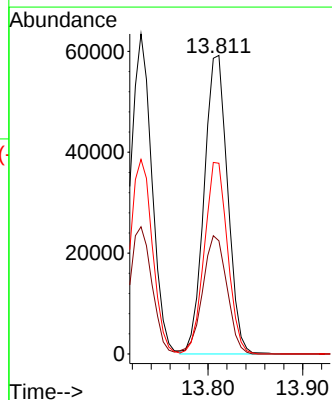
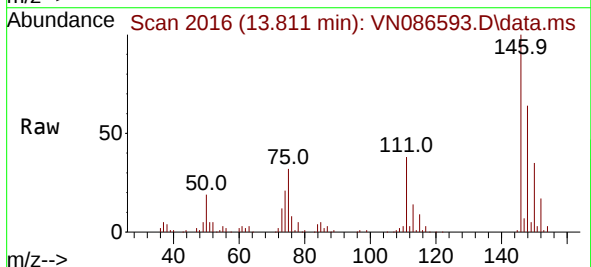
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0513WBS01

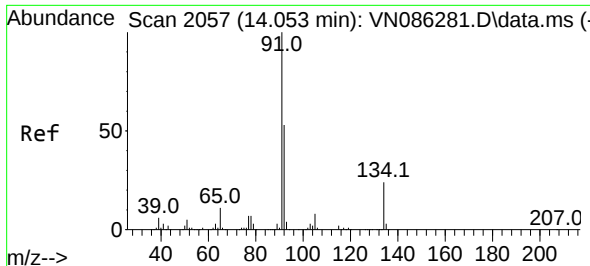
Tgt Ion:146 Resp: 101704  
 Ion Ratio Lower Upper  
 146 100  
 111 41.1 21.9 65.7  
 148 63.4 31.9 95.5



#88  
 1,4-Dichlorobenzene  
 Concen: 19.758 ug/l  
 RT: 13.811 min Scan# 2016  
 Delta R.T. -0.000 min  
 Lab File: VN086593.D  
 Acq: 13 May 2025 11:45

Tgt Ion:146 Resp: 101847  
 Ion Ratio Lower Upper  
 146 100  
 111 41.1 21.3 63.9  
 148 63.5 31.9 95.9

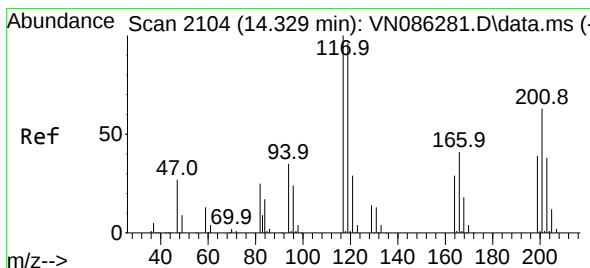
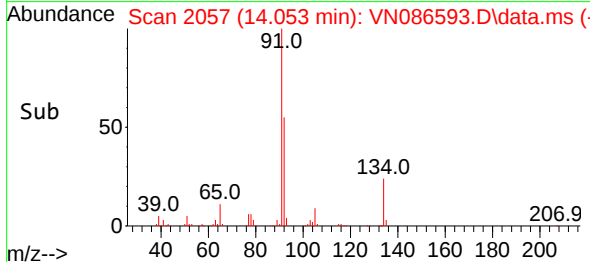
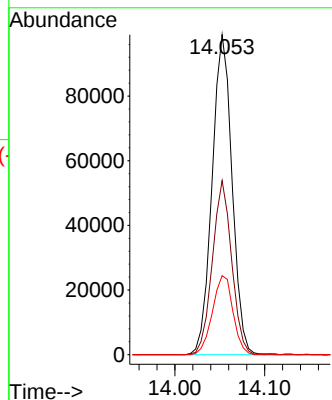
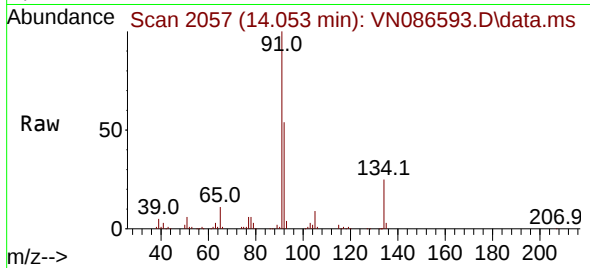




#89  
n-Butylbenzene  
Concen: 17.324 ug/l  
RT: 14.053 min Scan# 2057  
Delta R.T. -0.000 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

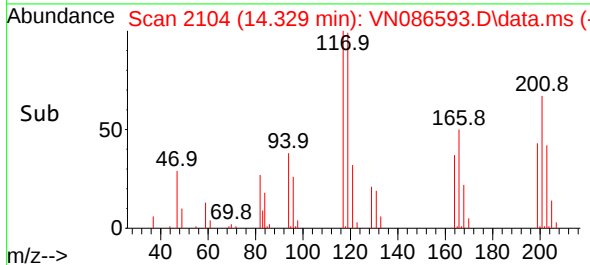
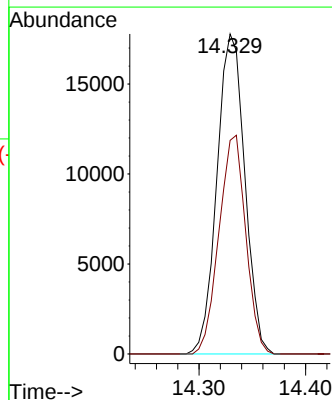
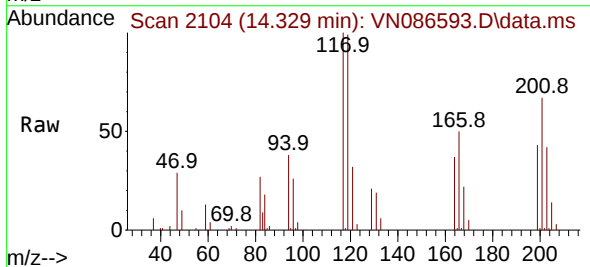
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0513WBS01

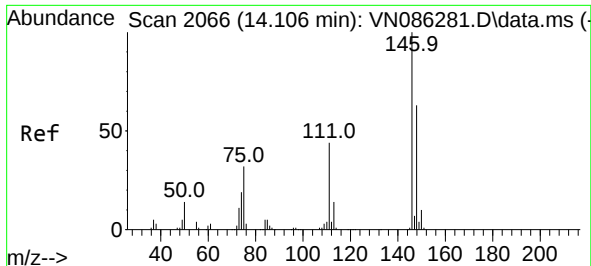
Tgt Ion: 91 Resp: 152980  
Ion Ratio Lower Upper  
91 100  
92 52.7 26.8 80.4  
134 25.3 12.2 36.6



#90  
Hexachloroethane  
Concen: 19.257 ug/l  
RT: 14.329 min Scan# 2104  
Delta R.T. -0.000 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

Tgt Ion: 117 Resp: 32269  
Ion Ratio Lower Upper  
117 100  
201 65.7 31.4 94.2

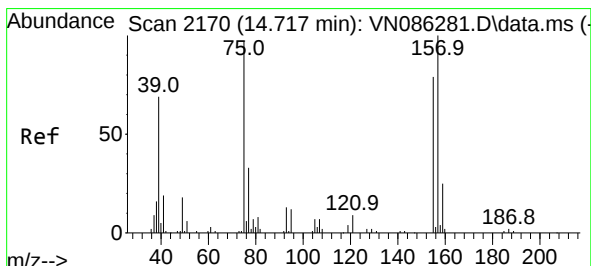
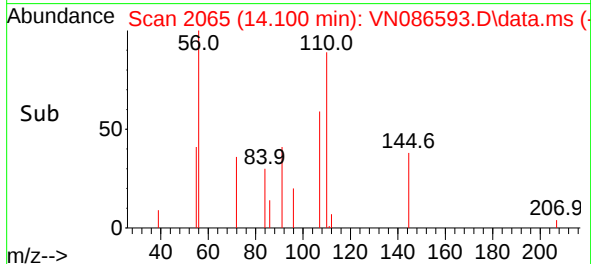
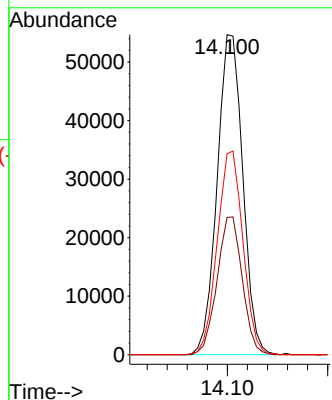
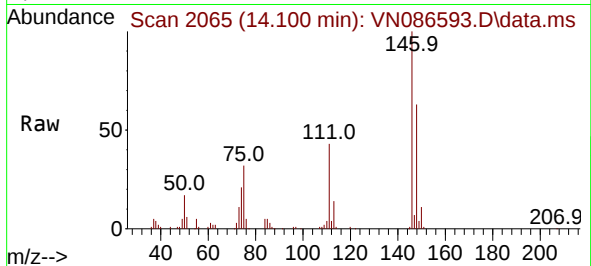




#91  
 1,2-Dichlorobenzene  
 Concen: 19.547 ug/l  
 RT: 14.100 min Scan# 2066  
 Delta R.T. -0.006 min  
 Lab File: VN086593.D  
 Acq: 13 May 2025 11:45

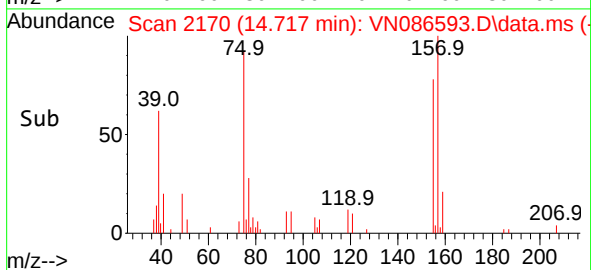
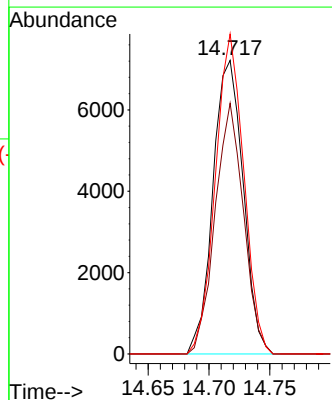
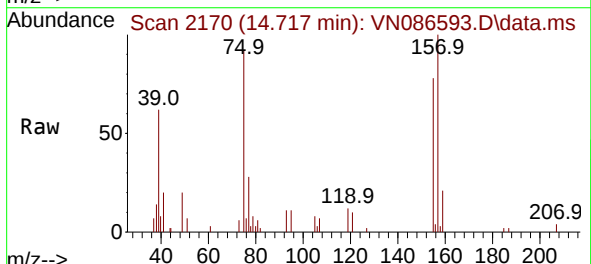
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0513WBS01

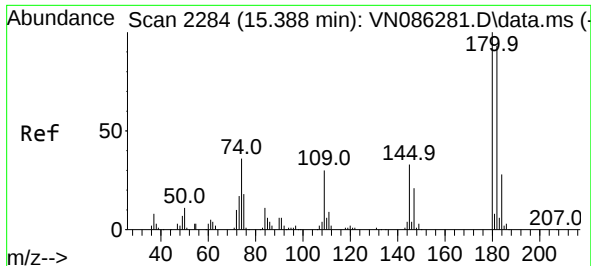
Tgt Ion:146 Resp: 96991  
 Ion Ratio Lower Upper  
 146 100  
 111 42.2 22.4 67.0  
 148 63.8 31.8 95.4



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 17.490 ug/l  
 RT: 14.717 min Scan# 2170  
 Delta R.T. -0.000 min  
 Lab File: VN086593.D  
 Acq: 13 May 2025 11:45

Tgt Ion: 75 Resp: 12459  
 Ion Ratio Lower Upper  
 75 100  
 155 80.4 40.3 120.9  
 157 102.6 49.0 147.2

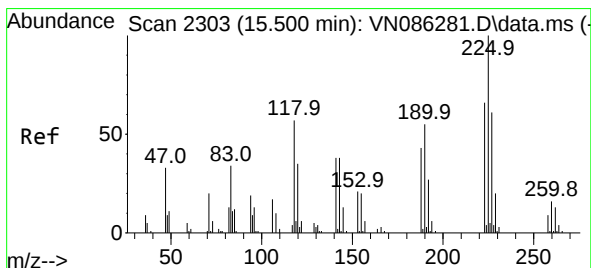
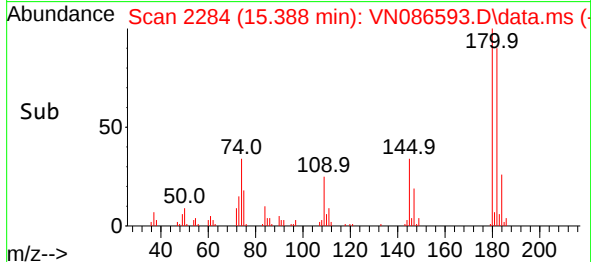
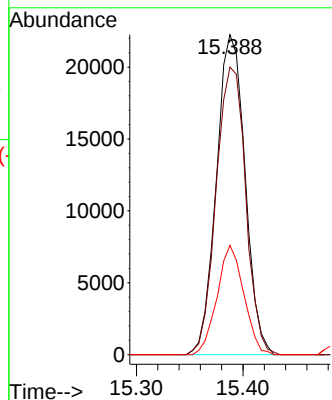
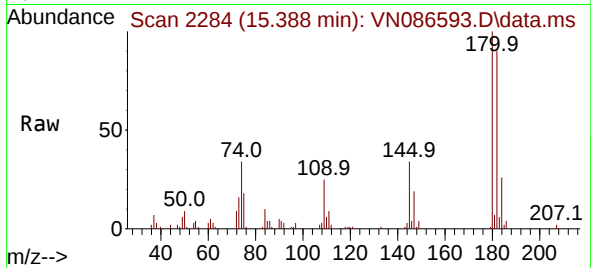




#93  
 1,2,4-Trichlorobenzene  
 Concen: 17.486 ug/l  
 RT: 15.388 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VN086593.D  
 Acq: 13 May 2025 11:45

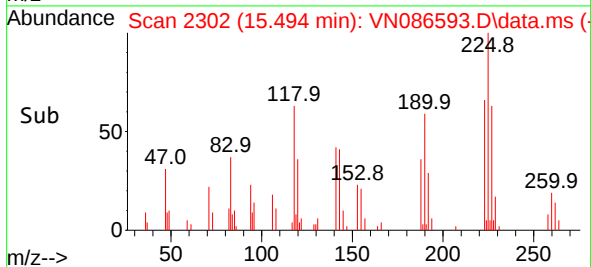
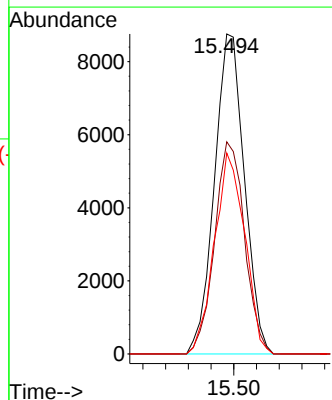
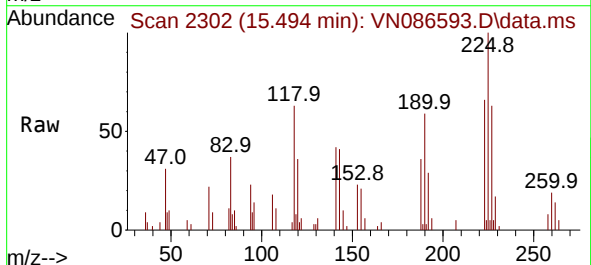
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0513WBS01

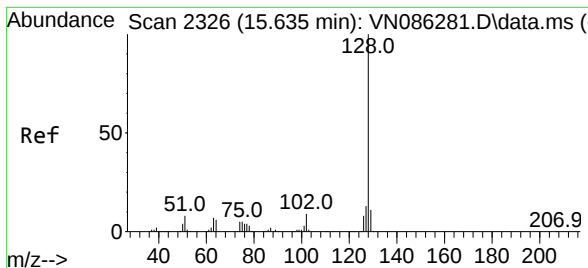
Tgt Ion:180 Resp: 41546  
 Ion Ratio Lower Upper  
 180 100  
 182 92.5 47.0 141.0  
 145 31.9 16.4 49.1



#94  
 Hexachlorobutadiene  
 Concen: 17.900 ug/l  
 RT: 15.494 min Scan# 2302  
 Delta R.T. -0.006 min  
 Lab File: VN086593.D  
 Acq: 13 May 2025 11:45

Tgt Ion:225 Resp: 16054  
 Ion Ratio Lower Upper  
 225 100  
 223 66.2 32.8 98.3  
 227 63.4 31.4 94.0

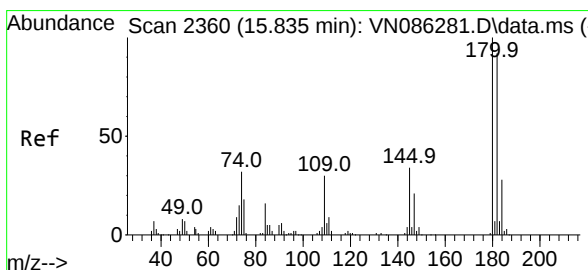
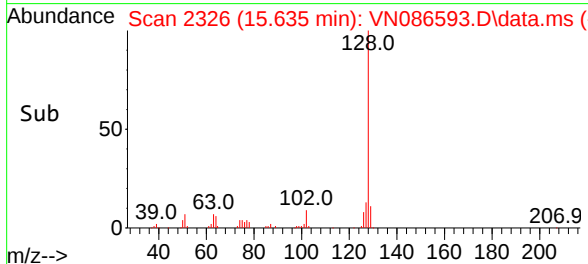
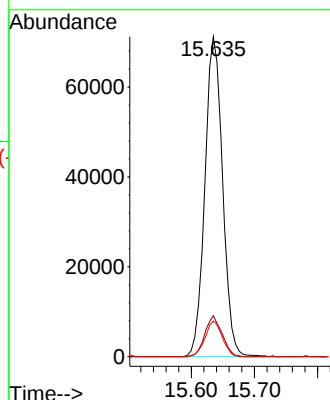
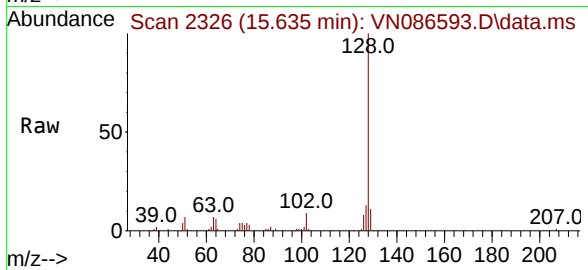




#95  
Naphthalene  
Concen: 16.453 ug/l  
RT: 15.635 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0513WBS01

Tgt Ion:128 Resp: 138573  
Ion Ratio Lower Upper  
128 100  
127 12.4 10.2 15.4  
129 10.8 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 17.494 ug/l  
RT: 15.835 min Scan# 2360  
Delta R.T. -0.000 min  
Lab File: VN086593.D  
Acq: 13 May 2025 11:45

Tgt Ion:180 Resp: 39351  
Ion Ratio Lower Upper  
180 100  
182 94.7 47.3 142.0  
145 34.9 17.2 51.5

