

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN050525\  
 Data File : VN086482.D  
 Acq On : 05 May 2025 13:36  
 Operator : JC\MD  
 Sample : VN0505WBSD01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0505WBSD01

Quant Time: May 06 01:44:19 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  | 157209   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.100  | 114  | 292904   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 266719   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.788 | 152  | 123407   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.577  | 65    | 119804   | 52.553   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 105.100% |      |
| 35) Dibromofluoromethane    | 8.165  | 113   | 79853    | 58.741   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 117.480% |      |
| 50) Toluene-d8              | 10.565 | 98    | 359432   | 49.472   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 98.940%  |      |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 129013   | 48.685   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | = 97.360%  |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.124 | 85  | 36210  | 19.430  | ug/l   | 99  |
| 3) Chloromethane             | 2.359 | 50  | 49598  | 18.312  | ug/l   | 100 |
| 4) Vinyl Chloride            | 2.512 | 62  | 48501  | 18.765  | ug/l   | 99  |
| 5) Bromomethane              | 2.959 | 94  | 28939  | 24.892  | ug/l   | 95  |
| 6) Chloroethane              | 3.124 | 64  | 32629  | 18.863  | ug/l   | 100 |
| 7) Trichlorofluoromethane    | 3.500 | 101 | 56785  | 19.835  | ug/l   | 96  |
| 8) Diethyl Ether             | 3.959 | 74  | 24331  | 19.467  | ug/l   | 94  |
| 9) 1,1,2-Trichlorotrifluo... | 4.377 | 101 | 34954  | 20.182  | ug/l   | 98  |
| 10) Methyl Iodide            | 4.589 | 142 | 43449  | 22.819  | ug/l   | 94  |
| 11) Tert butyl alcohol       | 5.518 | 59  | 40824  | 98.147  | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 4.341 | 96  | 34994  | 18.912  | ug/l   | 97  |
| 13) Acrolein                 | 4.183 | 56  | 19395  | 90.363  | ug/l   | 98  |
| 14) Allyl chloride           | 5.018 | 41  | 51639  | 15.699  | ug/l   | 93  |
| 15) Acrylonitrile            | 5.712 | 53  | 102614 | 99.796  | ug/l   | 99  |
| 16) Acetone                  | 4.424 | 43  | 82564  | 101.360 | ug/l   | 96  |
| 17) Carbon Disulfide         | 4.712 | 76  | 97876  | 17.666  | ug/l   | 98  |
| 18) Methyl Acetate           | 5.024 | 43  | 49506  | 18.091  | ug/l   | 97  |
| 19) Methyl tert-butyl Ether  | 5.794 | 73  | 138772 | 20.403  | ug/l   | 100 |
| 20) Methylene Chloride       | 5.277 | 84  | 43783  | 20.775  | ug/l   | 98  |
| 21) trans-1,2-Dichloroethene | 5.788 | 96  | 38777  | 20.045  | ug/l   | 87  |
| 22) Diisopropyl ether        | 6.671 | 45  | 134372 | 18.779  | ug/l   | 97  |
| 23) Vinyl Acetate            | 6.600 | 43  | 492096 | 98.379  | ug/l   | 97  |
| 24) 1,1-Dichloroethane       | 6.571 | 63  | 74385  | 19.702  | ug/l   | 99  |
| 25) 2-Butanone               | 7.477 | 43  | 136874 | 96.460  | ug/l   | 98  |
| 26) 2,2-Dichloropropane      | 7.488 | 77  | 64287  | 19.018  | ug/l   | 100 |
| 27) cis-1,2-Dichloroethene   | 7.482 | 96  | 48778  | 20.316  | ug/l   | 95  |
| 28) Bromochloromethane       | 7.812 | 49  | 30366  | 18.969  | ug/l   | 93  |
| 29) Tetrahydrofuran          | 7.835 | 42  | 89911  | 94.755  | ug/l   | 97  |
| 30) Chloroform               | 7.965 | 83  | 77318  | 20.847  | ug/l   | 97  |
| 31) Cyclohexane              | 8.253 | 56  | 65428  | 17.710  | ug/l   | 95  |
| 32) 1,1,1-Trichloroethane    | 8.165 | 97  | 64240  | 20.248  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 8.371 | 75  | 53058  | 19.541  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.559 | 43  | 56800  | 19.870  | ug/l   | 98  |
| 38) Carbon Tetrachloride     | 8.359 | 117 | 54266  | 20.987  | ug/l   | 99  |
| 39) Methylcyclohexane        | 9.600 | 83  | 60196  | 18.652  | ug/l   | 98  |
| 40) Benzene                  | 8.606 | 78  | 173108 | 19.899  | ug/l   | 100 |

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 Acq On : 05 May 2025 13:36  
 Operator : JC\MD  
 Sample : VN0505WBSD01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0505WBSD01

Quant Time: May 06 01:44:19 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         | 7.777  | 41   | 29557    | 17.841  | ug/l   | 91       |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 60210    | 21.704  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.688  | 43   | 108956   | 19.848  | ug/l   | 98       |
| 44) Trichloroethene           | 9.347  | 130  | 43305    | 21.002  | ug/l   | 90       |
| 45) 1,2-Dichloropropane       | 9.618  | 63   | 42755    | 20.078  | ug/l   | 98       |
| 46) Dibromomethane            | 9.706  | 93   | 31066    | 22.897  | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.888  | 83   | 62049    | 21.174  | ug/l   | 95       |
| 48) Methyl methacrylate       | 9.676  | 41   | 47363    | 18.868  | ug/l   | 97       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 18423    | 431.457 | ug/l   | 93       |
| 51) 4-Methyl-2-Pentanone      | 10.441 | 43   | 291483   | 99.579  | ug/l   | 99       |
| 52) Toluene                   | 10.629 | 92   | 112038   | 20.640  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 67189    | 20.540  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 70657    | 19.666  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 11.012 | 97   | 42677    | 21.852  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.870 | 69   | 73075    | 20.356  | ug/l   | 96       |
| 57) 1,3-Dichloropropane       | 11.159 | 76   | 75060    | 21.662  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 141580   | 83.092  | ug/l   | 97       |
| 59) 2-Hexanone                | 11.194 | 43   | 215159   | 99.098  | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.359 | 129  | 47238    | 22.027  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.465 | 107  | 43512    | 22.080  | ug/l   | 100      |
| 64) Tetrachloroethene         | 11.100 | 164  | 43232    | 21.072  | ug/l   | 94       |
| 65) Chlorobenzene             | 11.888 | 112  | 124142   | 20.856  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 41567    | 21.168  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.959 | 91   | 213840   | 19.909  | ug/l   | 99       |
| 68) m/p-Xylenes               | 12.070 | 106  | 163665   | 40.666  | ug/l   | 97       |
| 69) o-Xylene                  | 12.394 | 106  | 80115    | 20.129  | ug/l   | 99       |
| 70) Styrene                   | 12.406 | 104  | 137083   | 20.671  | ug/l   | 99       |
| 71) Bromoform                 | 12.576 | 173  | 31676    | 21.426  | ug/l # | 96       |
| 73) Isopropylbenzene          | 12.694 | 105  | 198652   | 19.678  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.488 | 43   | 88916    | 17.693  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 61804    | 21.293  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.988 | 75   | 83133    | 28.546  | ug/l   | 55       |
| 77) Bromobenzene              | 12.976 | 156  | 48339    | 21.611  | ug/l   | 92       |
| 78) n-propylbenzene           | 13.035 | 91   | 233101   | 19.596  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 146693   | 19.707  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 13.170 | 105  | 164690   | 19.932  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 21504    | 17.734  | ug/l   | 94       |
| 82) 4-Chlorotoluene           | 13.217 | 91   | 147900   | 20.002  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.435 | 119  | 138059   | 19.284  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.476 | 105  | 168656   | 20.053  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.611 | 105  | 196131   | 19.751  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.723 | 119  | 162622   | 19.868  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.729 | 146  | 89534    | 21.293  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.806 | 146  | 88358    | 20.863  | ug/l   | 99       |
| 89) n-Butylbenzene            | 14.053 | 91   | 138542   | 19.096  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.329 | 117  | 26351    | 19.140  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 84540    | 20.738  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.711 | 75   | 11071    | 18.916  | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 15.388 | 180  | 38104    | 19.520  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.494 | 225  | 14681    | 19.923  | ug/l   | 99       |
| 95) Naphthalene               | 15.635 | 128  | 130638   | 18.879  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.835 | 180  | 36275    | 19.628  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN050525\  
Data File : VN086482.D  
Acq On : 05 May 2025 13:36  
Operator : JC\MD  
Sample : VN0505WBSD01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 6 Sample Multiplier: 1

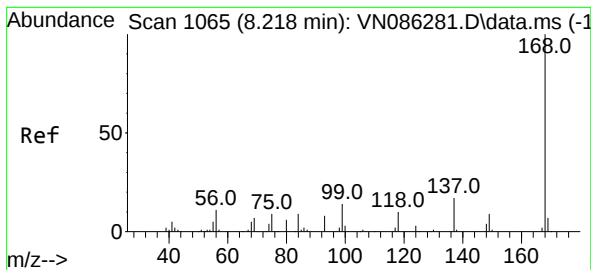
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505WBSD01

Quant Time: May 06 01:44:19 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

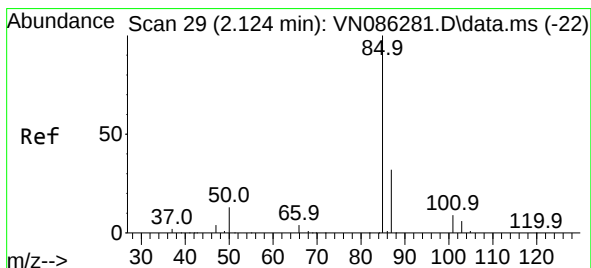
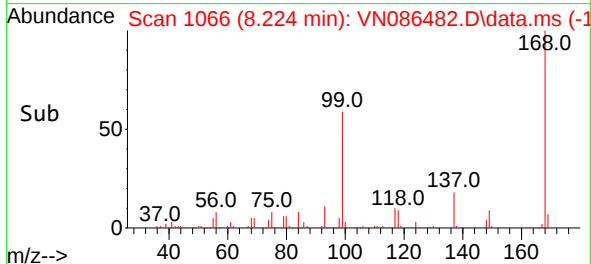
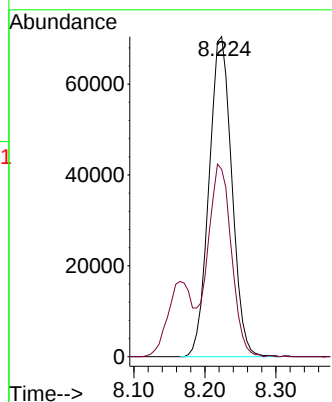
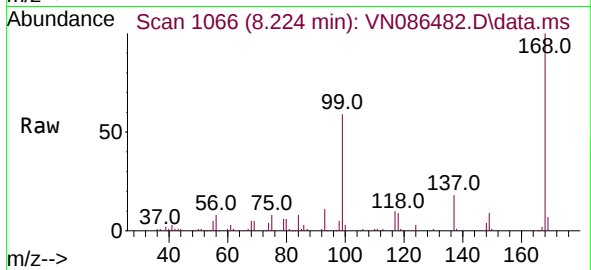




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. 0.006 min  
Lab File: VN086482.D  
Acq: 05 May 2025 13:36

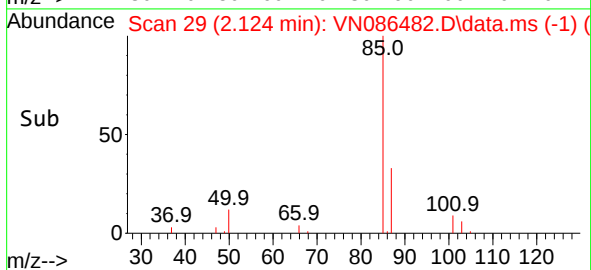
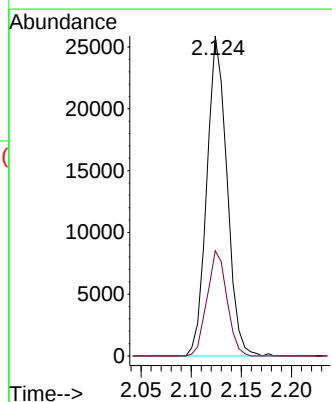
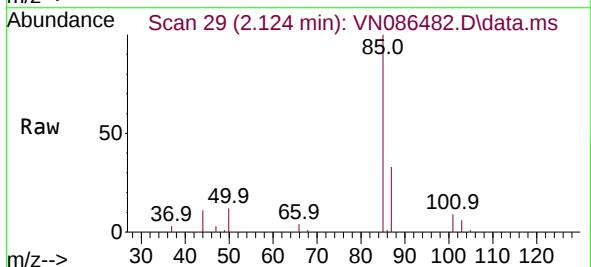
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505WBSD01

Tgt Ion:168 Resp: 157209  
Ion Ratio Lower Upper  
168 100  
99 58.6 52.5 78.7



#2  
Dichlorodifluoromethane  
Concen: 19.430 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. -0.000 min  
Lab File: VN086482.D  
Acq: 05 May 2025 13:36

Tgt Ion: 85 Resp: 36210  
Ion Ratio Lower Upper  
85 100  
87 32.9 16.3 48.8

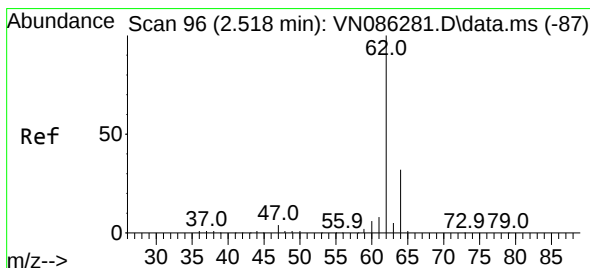
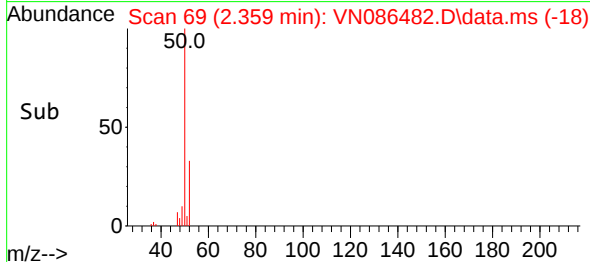
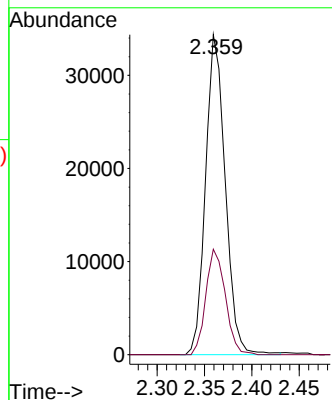
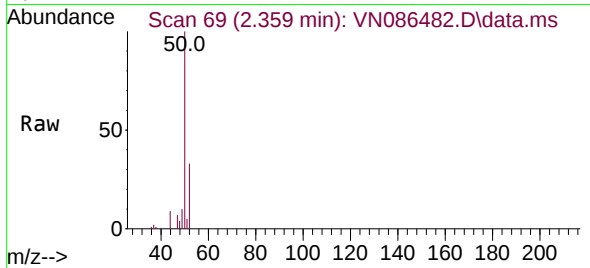




#3  
Chloromethane  
Concen: 18.312 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. -0.000 min  
Lab File: VN086482.D  
Acq: 05 May 2025 13:36

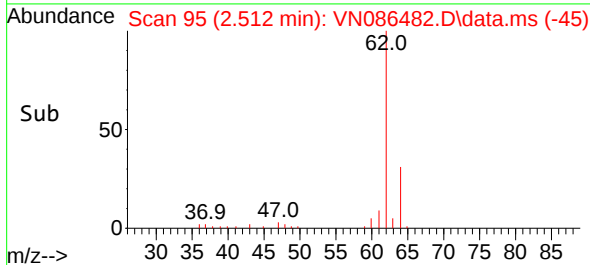
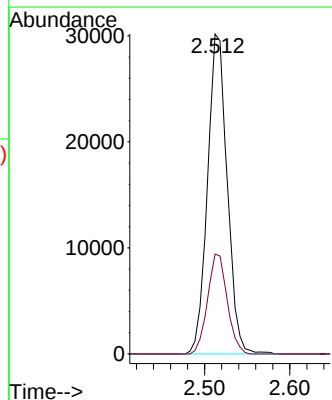
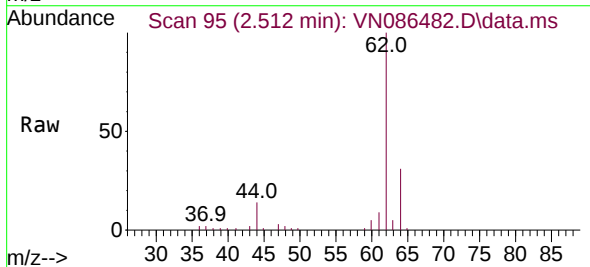
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505WBSD01

Tgt Ion: 50 Resp: 49598  
Ion Ratio Lower Upper  
50 100  
52 33.0 26.5 39.7



#4  
Vinyl Chloride  
Concen: 18.765 ug/l  
RT: 2.512 min Scan# 95  
Delta R.T. -0.006 min  
Lab File: VN086482.D  
Acq: 05 May 2025 13:36

Tgt Ion: 62 Resp: 48501  
Ion Ratio Lower Upper  
62 100  
64 31.2 25.6 38.4

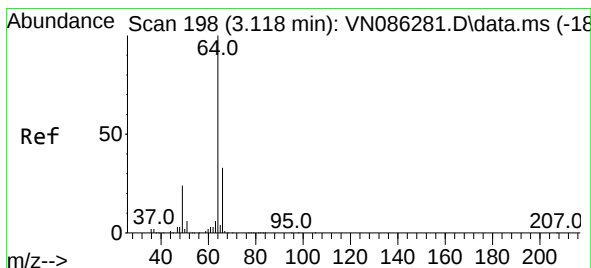
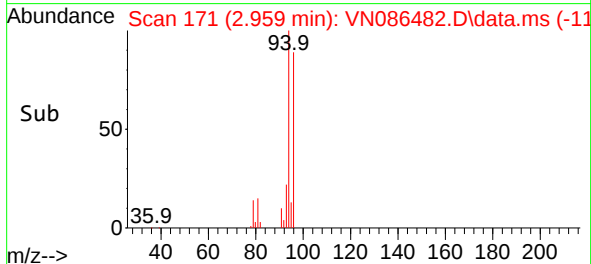
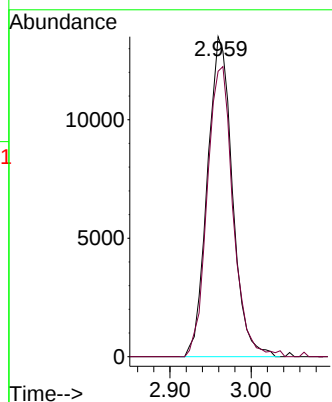
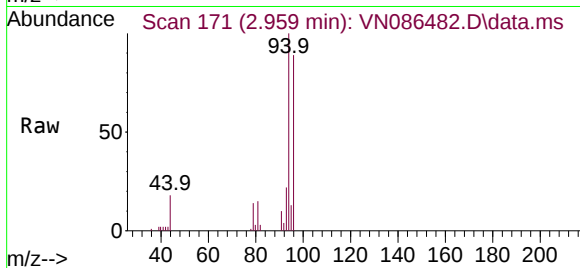




#5  
Bromomethane  
Concen: 24.892 ug/l  
RT: 2.959 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN086482.D  
Acq: 05 May 2025 13:36

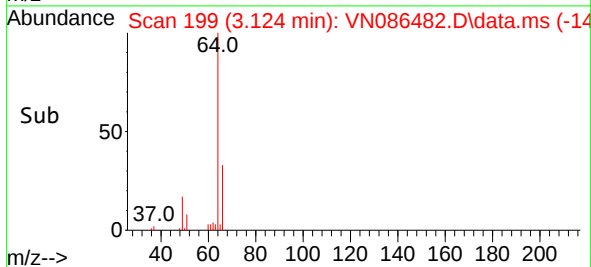
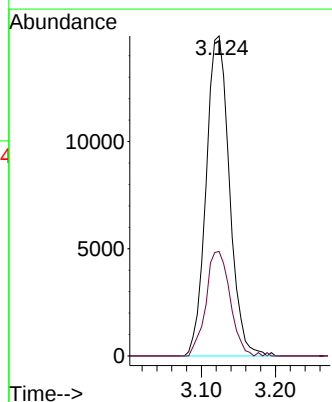
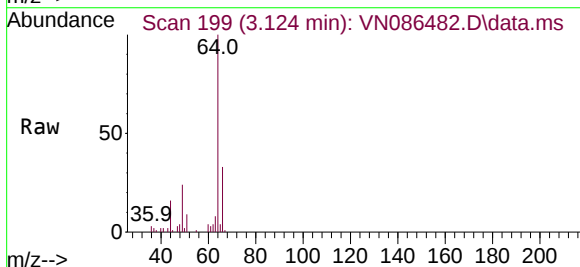
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505WBSD01

Tgt Ion: 94 Resp: 28939  
Ion Ratio Lower Upper  
94 100  
96 89.2 75.2 112.8



#6  
Chloroethane  
Concen: 18.863 ug/l  
RT: 3.124 min Scan# 199  
Delta R.T. 0.006 min  
Lab File: VN086482.D  
Acq: 05 May 2025 13:36

Tgt Ion: 64 Resp: 32629  
Ion Ratio Lower Upper  
64 100  
66 32.7 26.2 39.2

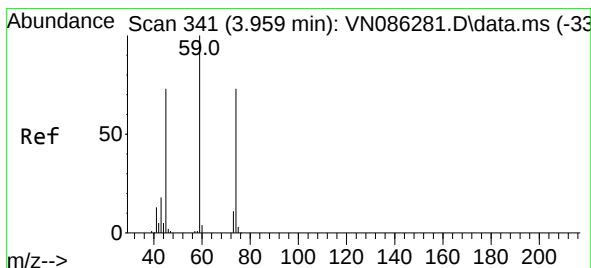
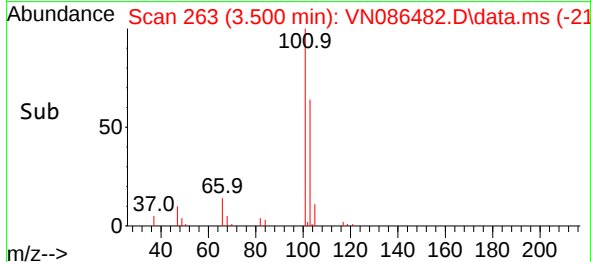
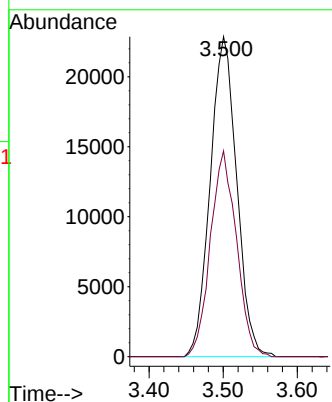
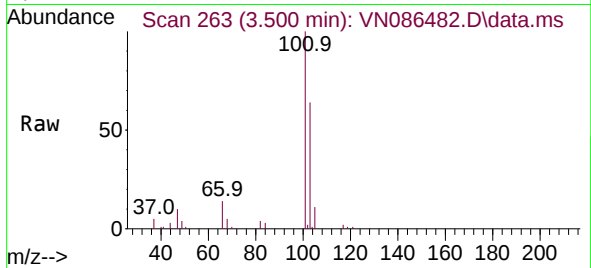




#7  
 Trichlorofluoromethane  
 Concen: 19.835 ug/l  
 RT: 3.500 min Scan# 20  
 Delta R.T. -0.000 min  
 Lab File: VN086482.D  
 Acq: 05 May 2025 13:36

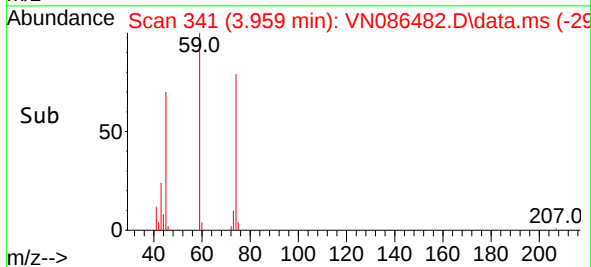
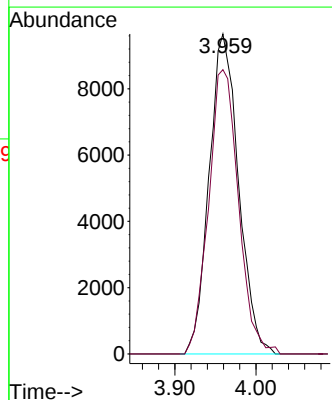
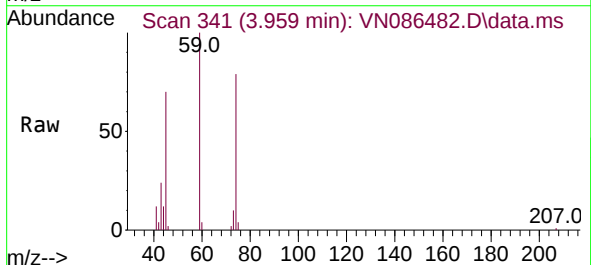
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0505WBSD01

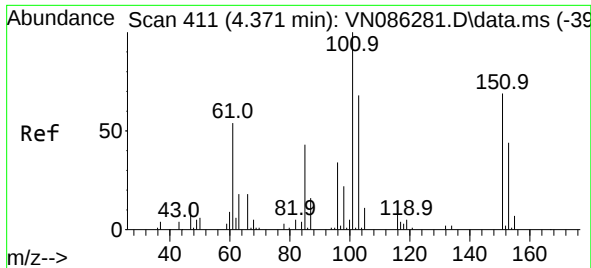
Tgt Ion:101 Resp: 56785  
 Ion Ratio Lower Upper  
 101 100  
 103 64.3 49.2 73.8



#8  
 Diethyl Ether  
 Concen: 19.467 ug/l  
 RT: 3.959 min Scan# 341  
 Delta R.T. -0.000 min  
 Lab File: VN086482.D  
 Acq: 05 May 2025 13:36

Tgt Ion: 74 Resp: 24331  
 Ion Ratio Lower Upper  
 74 100  
 45 90.0 48.0 144.2

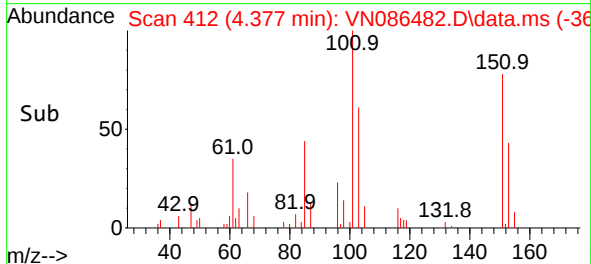
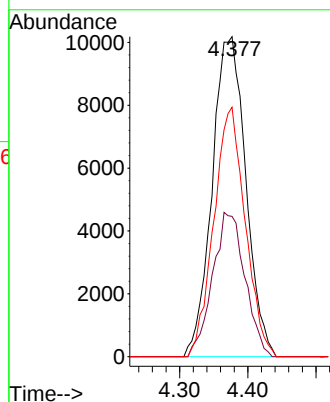
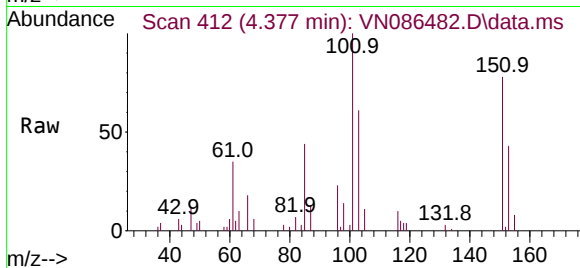




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.182 ug/l  
RT: 4.377 min Scan# 411  
Delta R.T. 0.006 min  
Lab File: VN086482.D  
Acq: 05 May 2025 13:36

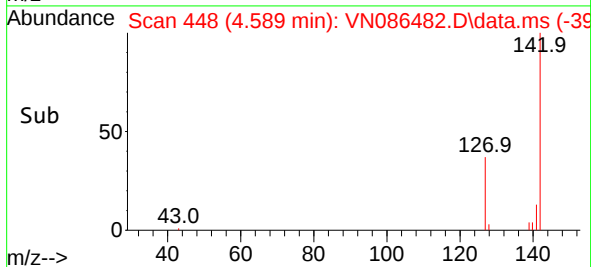
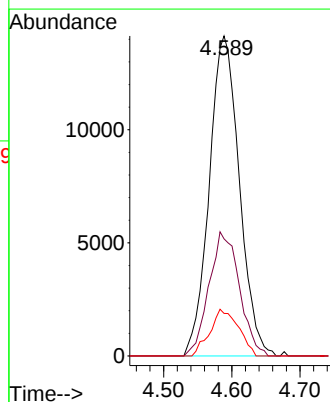
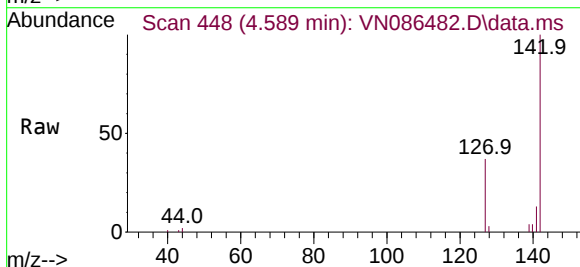
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505WBSD01

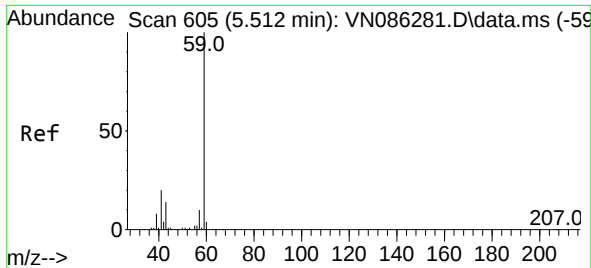
Tgt Ion:101 Resp: 34954  
Ion Ratio Lower Upper  
101 100  
85 43.3 34.7 52.1  
151 72.7 56.1 84.1



#10  
Methyl Iodide  
Concen: 22.819 ug/l  
RT: 4.589 min Scan# 448  
Delta R.T. -0.000 min  
Lab File: VN086482.D  
Acq: 05 May 2025 13:36

Tgt Ion:142 Resp: 43449  
Ion Ratio Lower Upper  
142 100  
127 36.6 32.7 49.1  
141 13.3 11.7 17.5

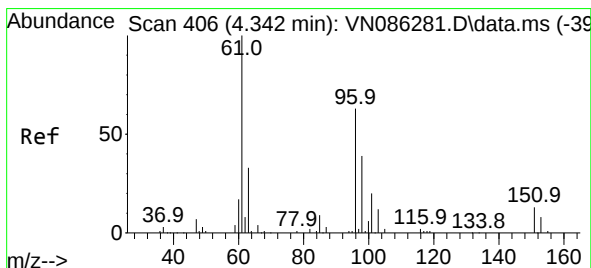
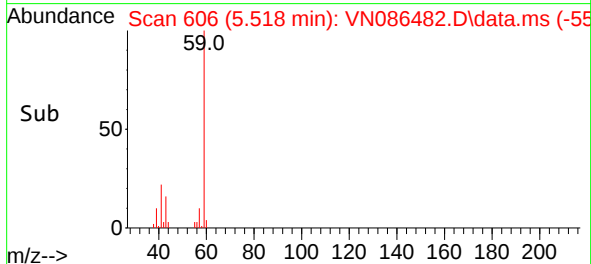
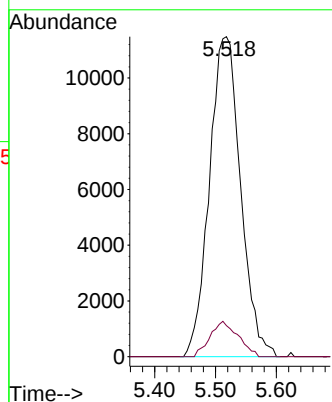
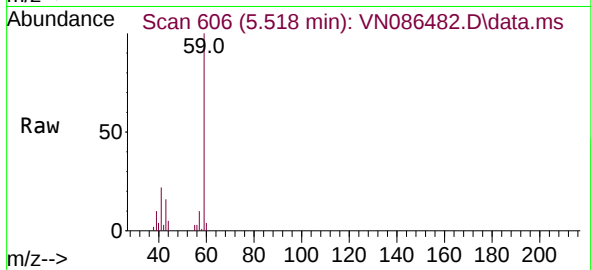




#11  
Tert butyl alcohol  
Concen: 98.147 ug/l  
RT: 5.518 min Scan# 605  
Delta R.T. 0.006 min  
Lab File: VN086482.D  
Acq: 05 May 2025 13:36

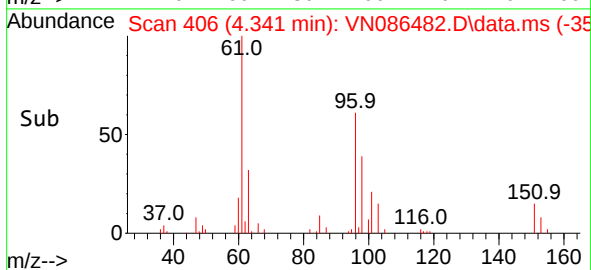
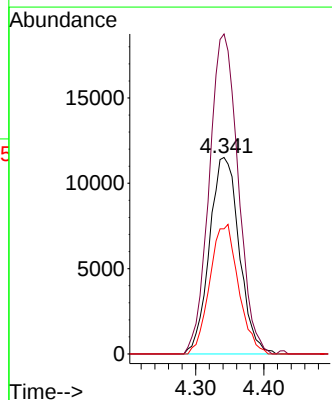
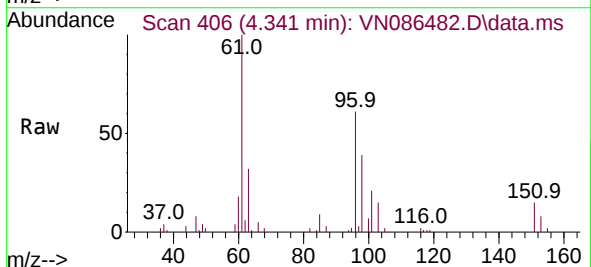
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505WBSD01

Tgt Ion: 59 Resp: 40824  
Ion Ratio Lower Upper  
59 100  
57 9.9 8.3 12.5



#12  
1,1-Dichloroethene  
Concen: 18.912 ug/l  
RT: 4.341 min Scan# 406  
Delta R.T. -0.000 min  
Lab File: VN086482.D  
Acq: 05 May 2025 13:36

Tgt Ion: 96 Resp: 34994  
Ion Ratio Lower Upper  
96 100  
61 162.8 126.6 189.8  
98 63.6 49.6 74.4





#13

Acrolein

Concen: 90.363 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN086482.D

Acq: 05 May 2025 13:36

Instrument :

MSVOA\_N

ClientSampleId :

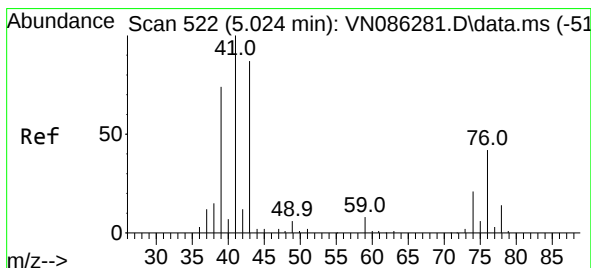
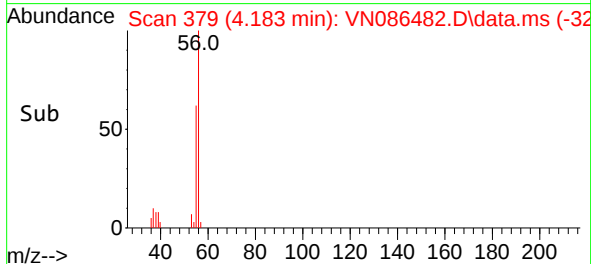
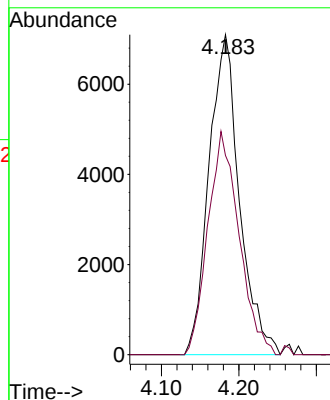
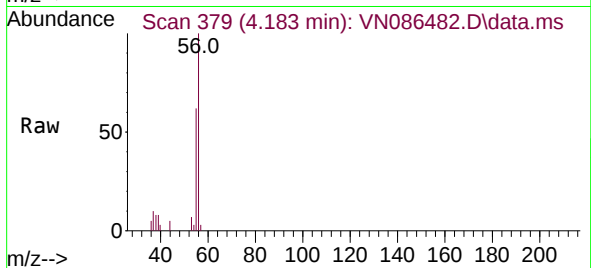
VN0505WBSD01

Tgt Ion: 56 Resp: 19395

Ion Ratio Lower Upper

56 100

55 71.5 58.5 87.7



#14

Allyl chloride

Concen: 15.699 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.006 min

Lab File: VN086482.D

Acq: 05 May 2025 13:36

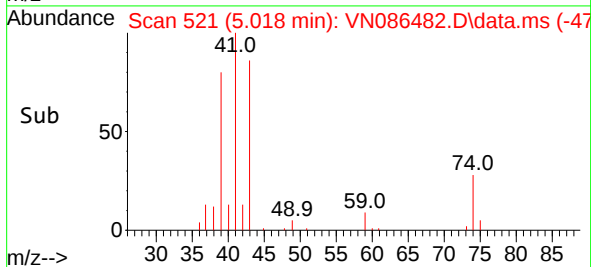
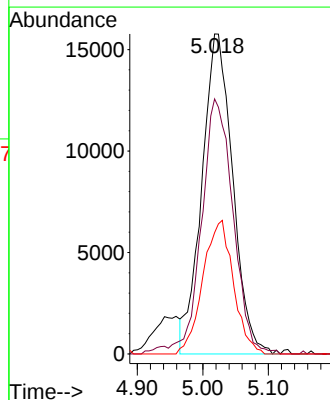
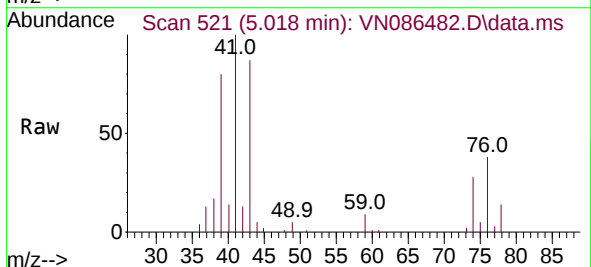
Tgt Ion: 41 Resp: 51639

Ion Ratio Lower Upper

41 100

39 82.0 59.2 88.8

76 41.1 31.2 46.8

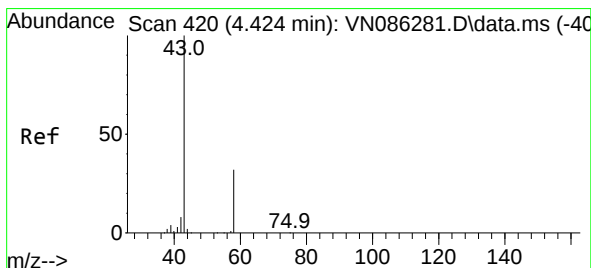
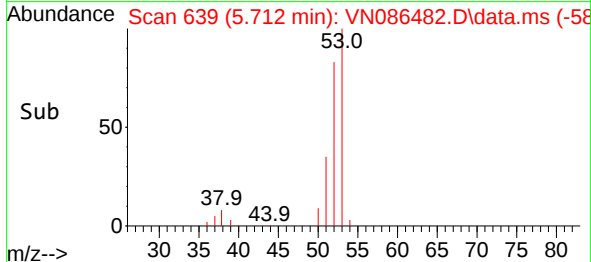
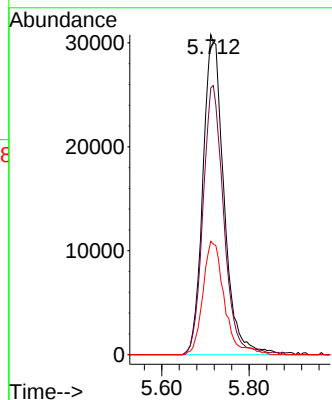
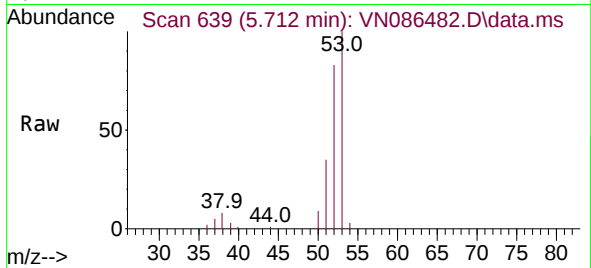




#15  
Acrylonitrile  
Concen: 99.796 ug/l  
RT: 5.712 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN086482.D  
Acq: 05 May 2025 13:36

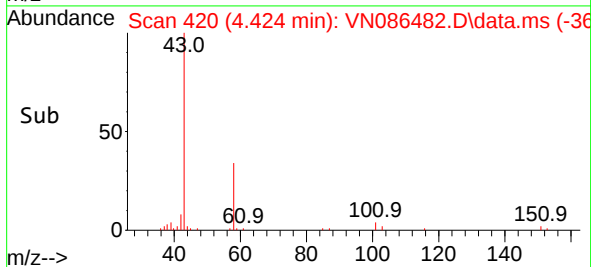
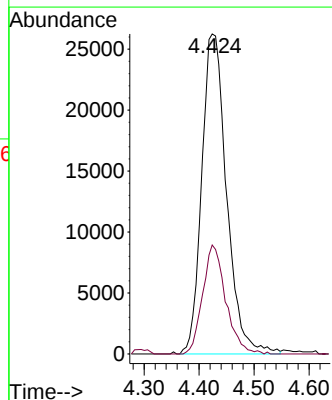
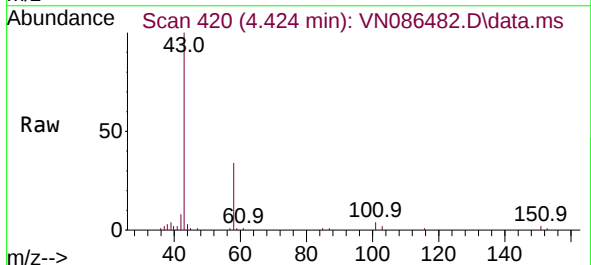
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505WBSD01

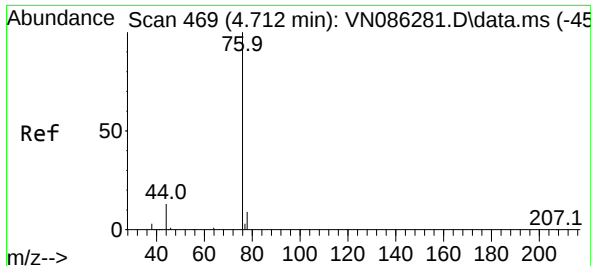
Tgt Ion: 53 Resp: 102614  
Ion Ratio Lower Upper  
53 100  
52 83.0 65.5 98.3  
51 36.3 28.6 42.8



#16  
Acetone  
Concen: 101.360 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. -0.000 min  
Lab File: VN086482.D  
Acq: 05 May 2025 13:36

Tgt Ion: 43 Resp: 82564  
Ion Ratio Lower Upper  
43 100  
58 34.1 25.3 37.9

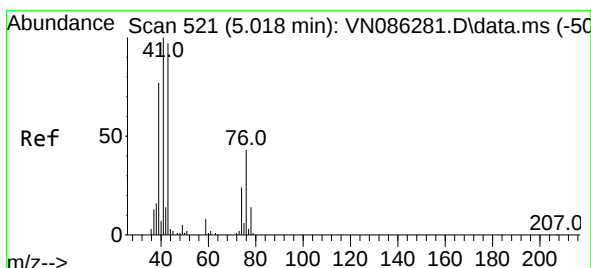
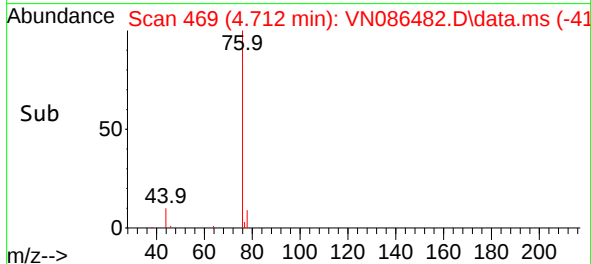
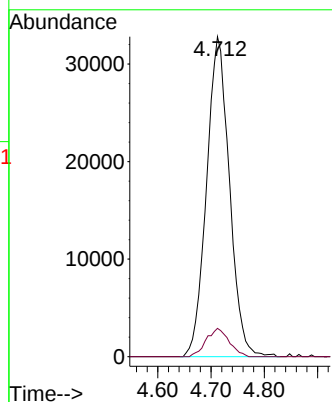
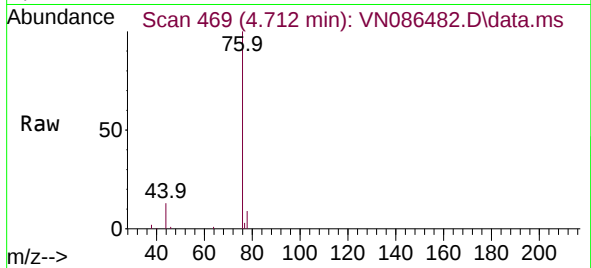




#17  
Carbon Disulfide  
Concen: 17.666 ug/l  
RT: 4.712 min Scan# 469  
Delta R.T. -0.000 min  
Lab File: VN086482.D  
Acq: 05 May 2025 13:36

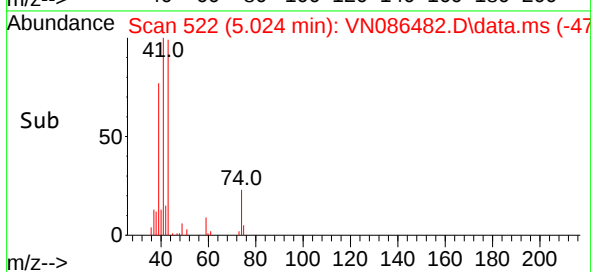
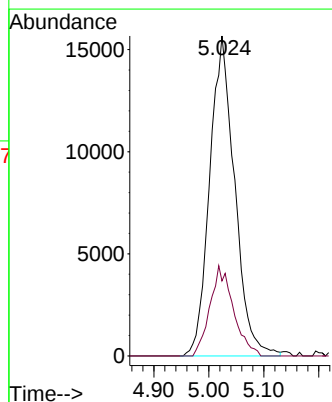
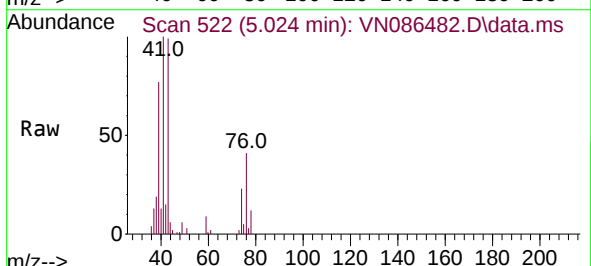
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505WBSD01

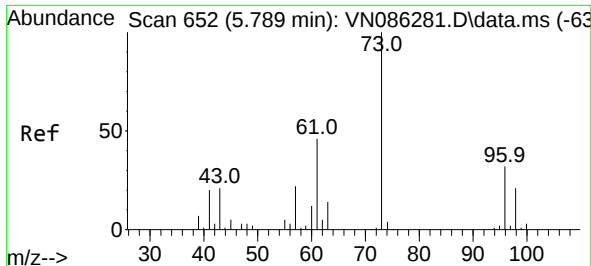
Tgt Ion: 76 Resp: 97876  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.6 11.4



#18  
Methyl Acetate  
Concen: 18.091 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. 0.006 min  
Lab File: VN086482.D  
Acq: 05 May 2025 13:36

Tgt Ion: 43 Resp: 49506  
Ion Ratio Lower Upper  
43 100  
74 26.4 19.8 29.6

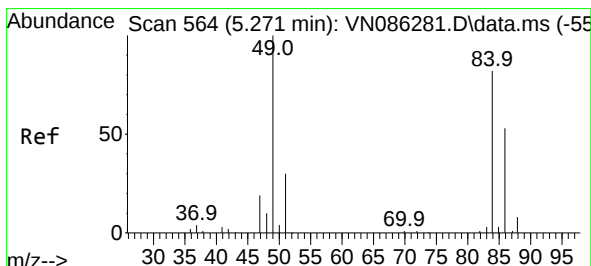
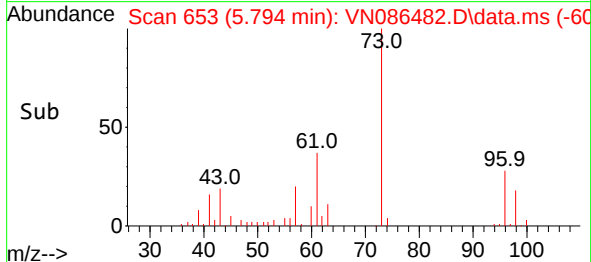
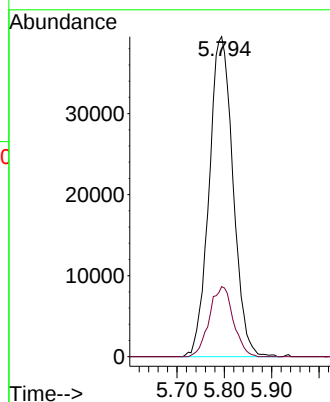
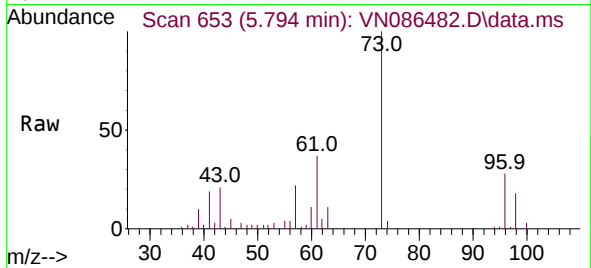




#19  
Methyl tert-butyl Ether  
Concen: 20.403 ug/l  
RT: 5.794 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN086482.D  
Acq: 05 May 2025 13:36

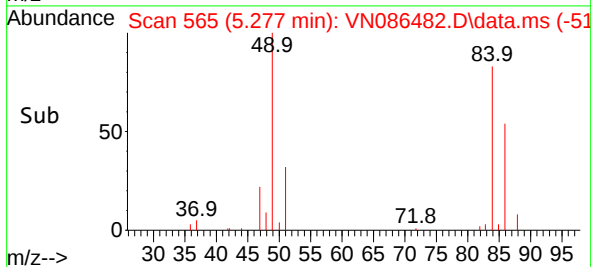
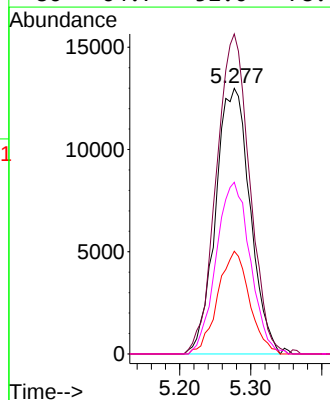
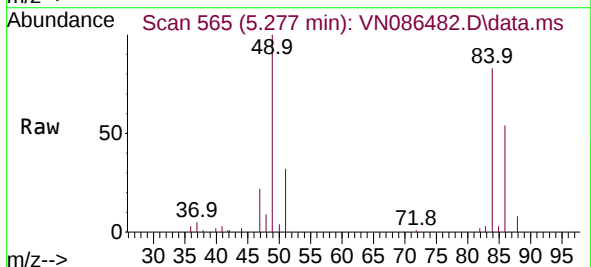
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505WBSD01

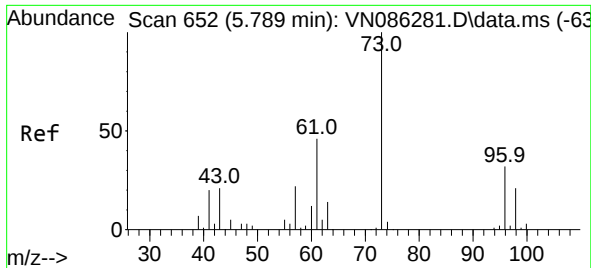
Tgt Ion: 73 Resp: 138772  
Ion Ratio Lower Upper  
73 100  
57 21.9 17.6 26.4



#20  
Methylene Chloride  
Concen: 20.775 ug/l  
RT: 5.277 min Scan# 565  
Delta R.T. 0.006 min  
Lab File: VN086482.D  
Acq: 05 May 2025 13:36

Tgt Ion: 84 Resp: 43783  
Ion Ratio Lower Upper  
84 100  
49 120.5 98.2 147.2  
51 38.7 29.8 44.6  
86 64.7 52.0 78.0

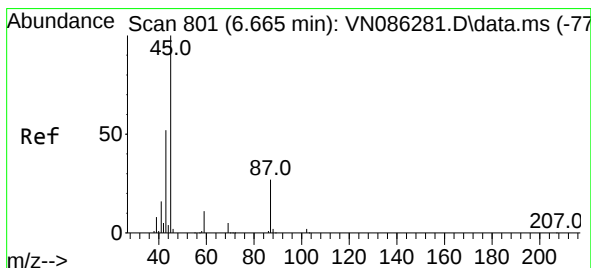
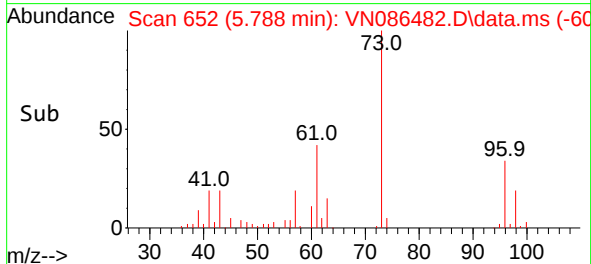
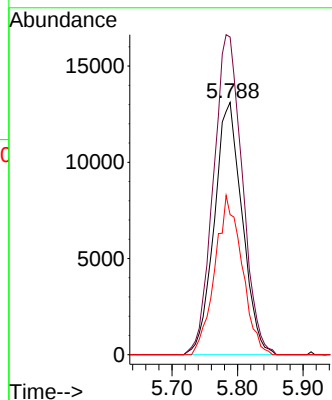
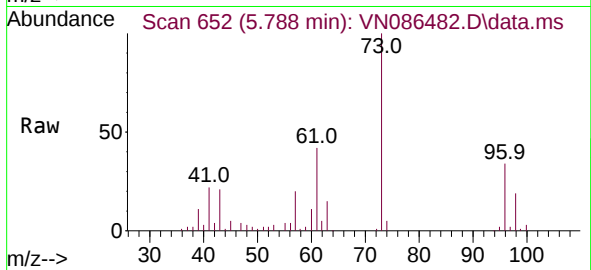




#21  
trans-1,2-Dichloroethene  
Concen: 20.045 ug/l  
RT: 5.788 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN086482.D  
Acq: 05 May 2025 13:36

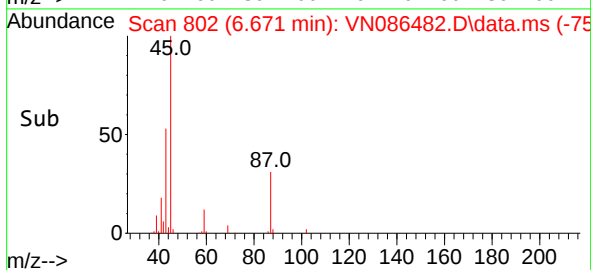
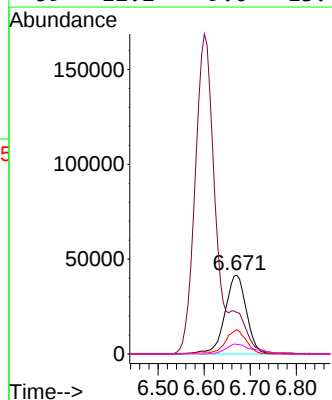
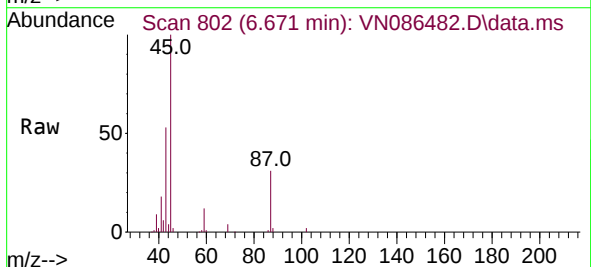
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MSVOA\_N  
ClientSampleId :  
VN0505WBSD01

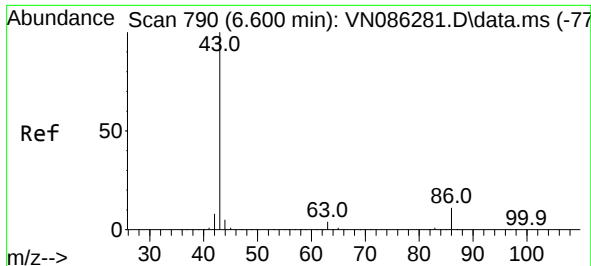
Tgt Ion: 96 Resp: 38777  
Ion Ratio Lower Upper  
96 100  
61 125.9 114.6 171.8  
98 55.5 51.2 76.8



#22  
Diisopropyl ether  
Concen: 18.779 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. 0.006 min  
Lab File: VN086482.D  
Acq: 05 May 2025 13:36

Tgt Ion: 45 Resp: 134372  
Ion Ratio Lower Upper  
45 100  
43 51.3 41.8 62.8  
87 31.0 21.6 32.4  
59 12.2 9.0 13.4

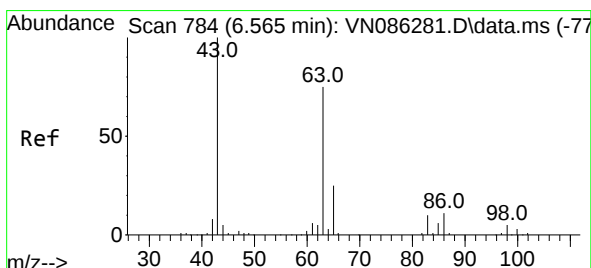
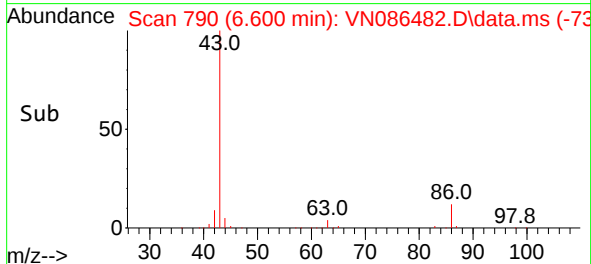
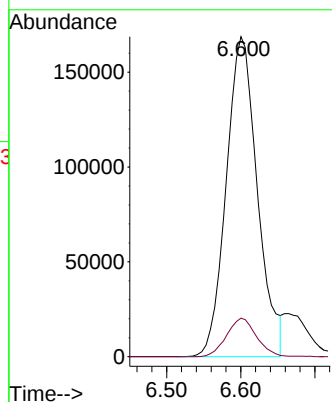
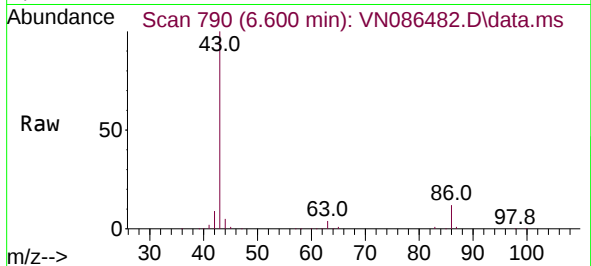




#23  
 Vinyl Acetate  
 Concen: 98.379 ug/l  
 RT: 6.600 min Scan# 790  
 Delta R.T. -0.000 min  
 Lab File: VN086482.D  
 Acq: 05 May 2025 13:36

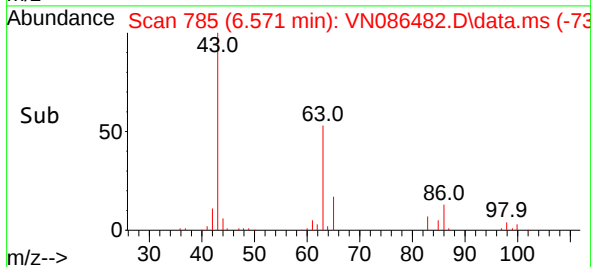
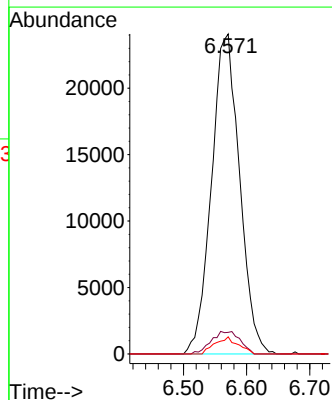
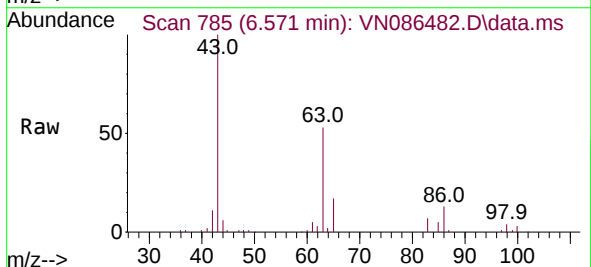
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0505WBSD01

Tgt Ion: 43 Resp: 492096  
 Ion Ratio Lower Upper  
 43 100  
 86 12.1 8.6 13.0



#24  
 1,1-Dichloroethane  
 Concen: 19.702 ug/l  
 RT: 6.571 min Scan# 785  
 Delta R.T. 0.006 min  
 Lab File: VN086482.D  
 Acq: 05 May 2025 13:36

Tgt Ion: 63 Resp: 74385  
 Ion Ratio Lower Upper  
 63 100  
 98 6.8 3.4 10.2  
 100 5.4 2.1 6.5

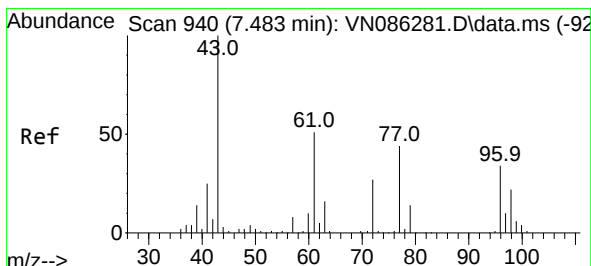
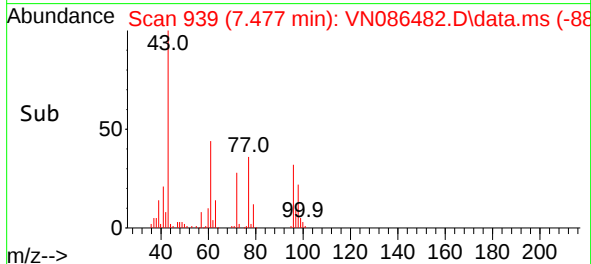
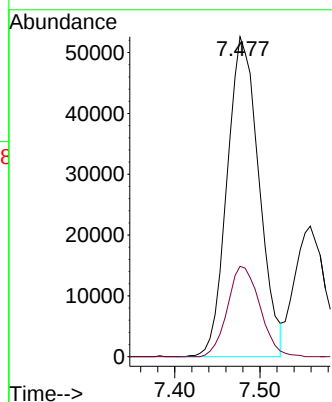
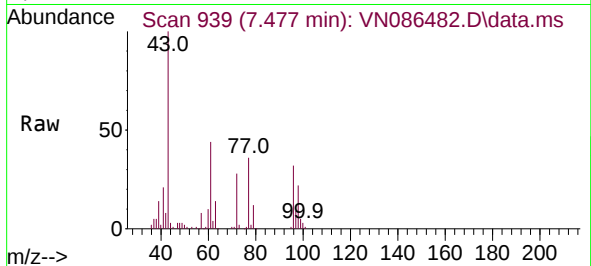




#25  
2-Butanone  
Concen: 96.460 ug/l  
RT: 7.477 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN086482.D  
Acq: 05 May 2025 13:36

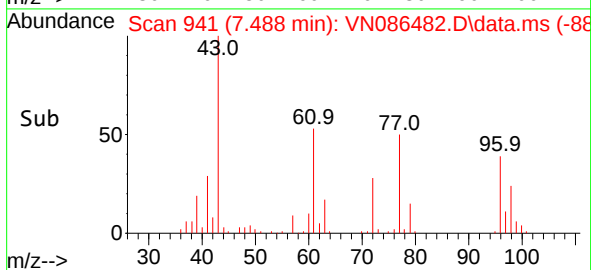
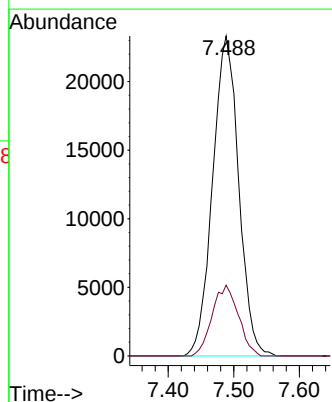
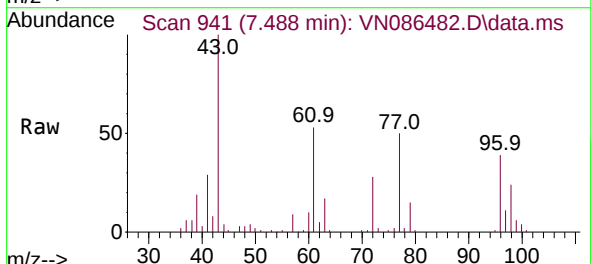
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505WBSD01

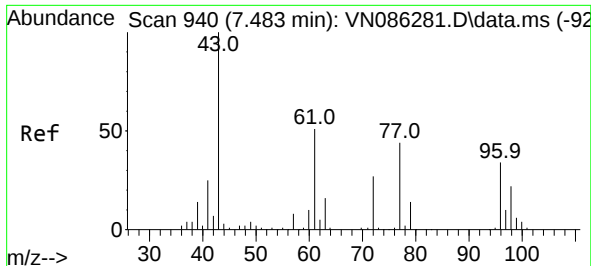
Tgt Ion: 43 Resp: 136874  
Ion Ratio Lower Upper  
43 100  
72 28.3 21.7 32.5



#26  
2,2-Dichloropropane  
Concen: 19.018 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. 0.006 min  
Lab File: VN086482.D  
Acq: 05 May 2025 13:36

Tgt Ion: 77 Resp: 64287  
Ion Ratio Lower Upper  
77 100  
97 22.3 11.2 33.5



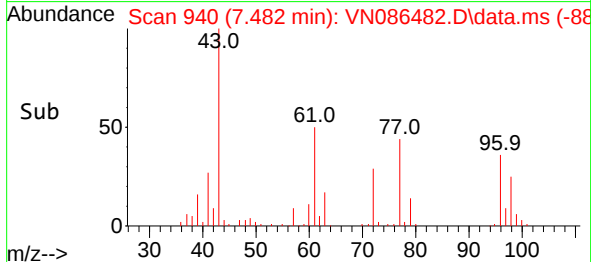
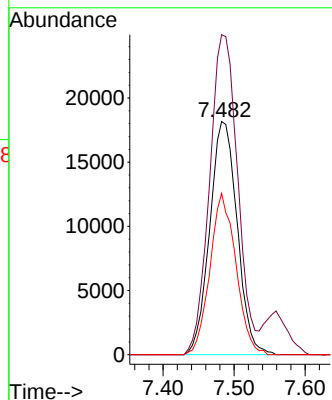
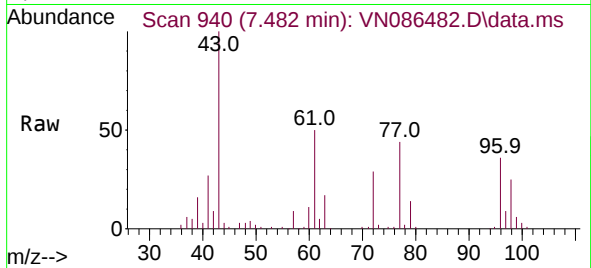


#27  
 cis-1,2-Dichloroethene  
 Concen: 20.316 ug/l  
 RT: 7.482 min Scan# 940  
 Delta R.T. -0.000 min  
 Lab File: VN086482.D  
 Acq: 05 May 2025 13:36

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0505WBSD01

Tgt Ion: 96 Resp: 48778  

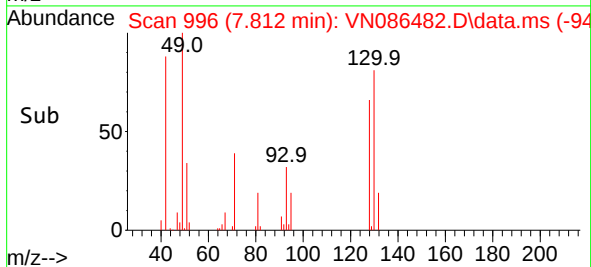
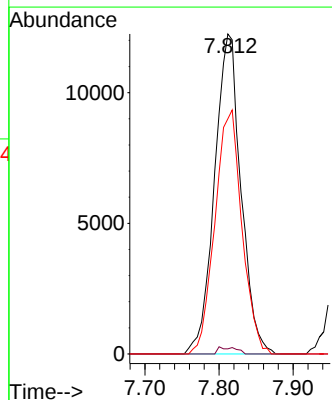
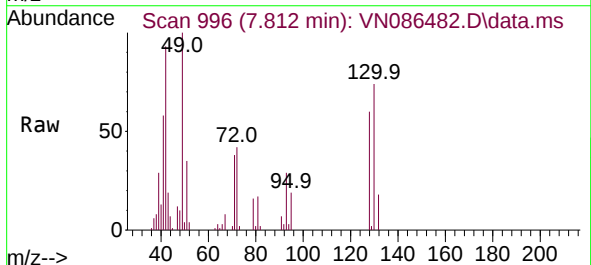
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 141.0 | 0.0   | 299.0 |
| 98  | 65.3  | 0.0   | 129.6 |



#28  
 Bromochloromethane  
 Concen: 18.969 ug/l  
 RT: 7.812 min Scan# 996  
 Delta R.T. 0.006 min  
 Lab File: VN086482.D  
 Acq: 05 May 2025 13:36

Tgt Ion: 49 Resp: 30366  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 1.4   | 0.0   | 3.4   |
| 130 | 77.7  | 57.1  | 85.7  |





#29

Tetrahydrofuran

Concen: 94.755 ug/l

RT: 7.835 min Scan# 10

Delta R.T. -0.000 min

Lab File: VN086482.D

Acq: 05 May 2025 13:36

Instrument :

MSVOA\_N

ClientSampleId :

VN0505WBSD01

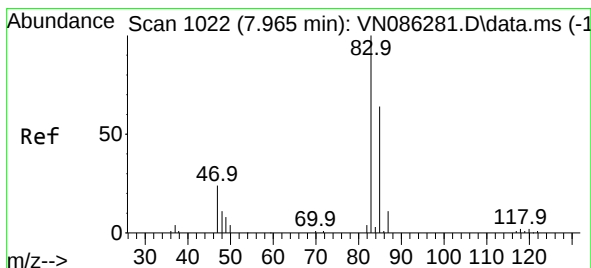
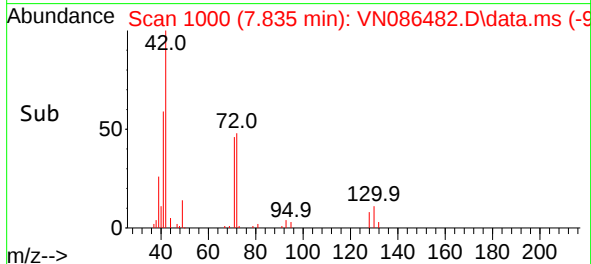
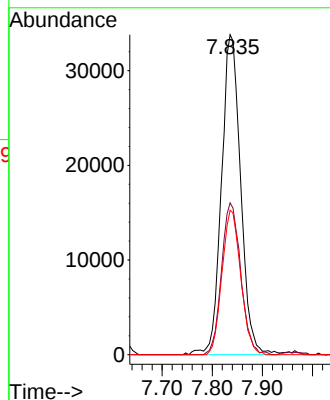
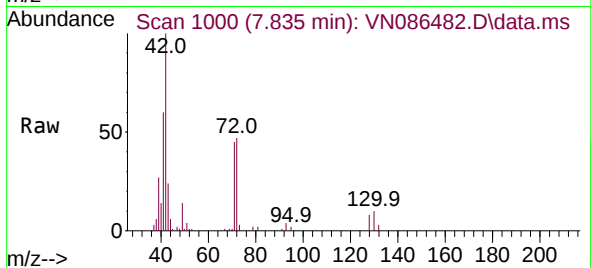
Tgt Ion: 42 Resp: 89911

Ion Ratio Lower Upper

42 100

72 47.3 36.2 54.4

71 44.0 34.0 51.0



#30

Chloroform

Concen: 20.847 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN086482.D

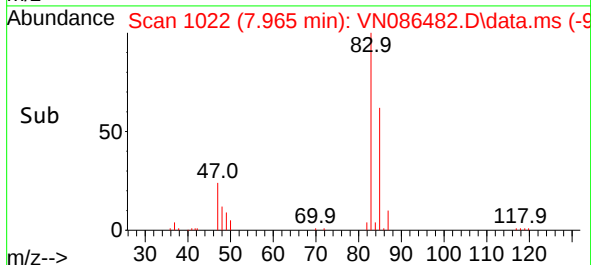
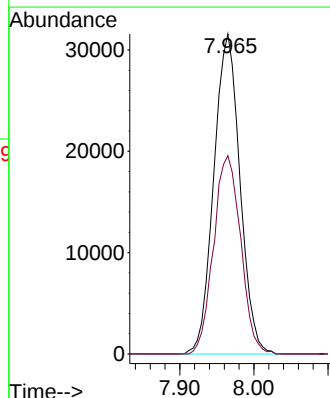
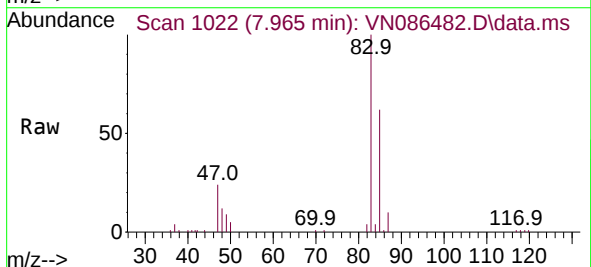
Acq: 05 May 2025 13:36

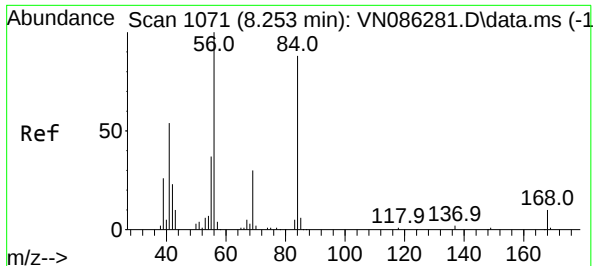
Tgt Ion: 83 Resp: 77318

Ion Ratio Lower Upper

83 100

85 62.0 51.5 77.3

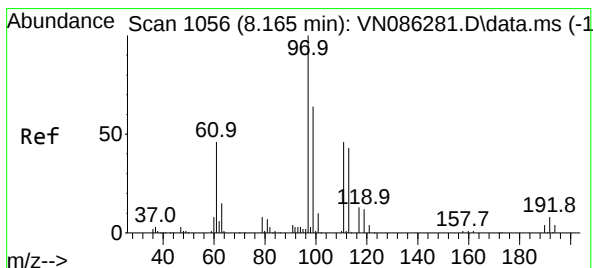
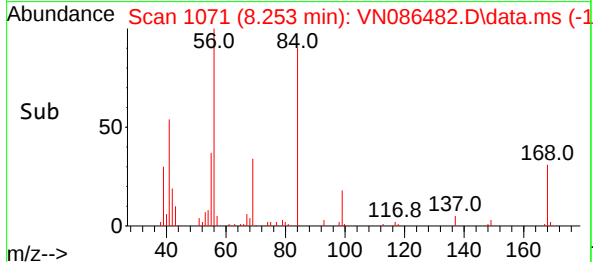
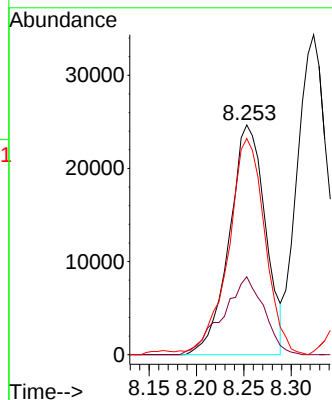
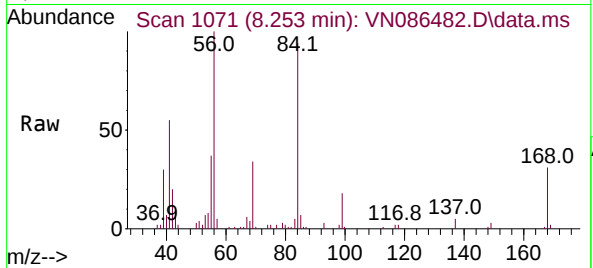




#31  
Cyclohexane  
Concen: 17.710 ug/l  
RT: 8.253 min Scan# 1071  
Delta R.T. -0.000 min  
Lab File: VN086482.D  
Acq: 05 May 2025 13:36

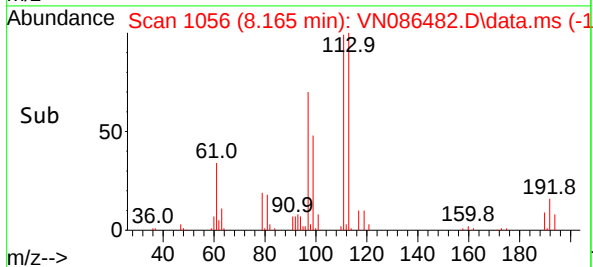
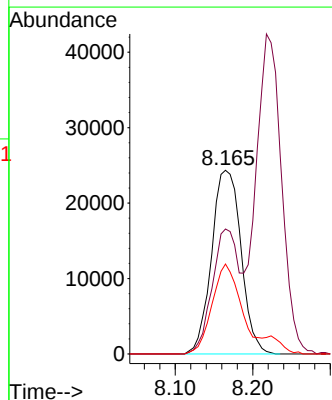
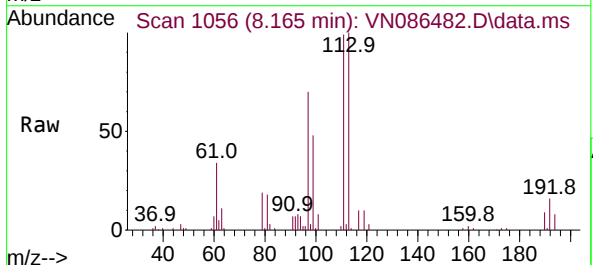
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505WBSD01

Tgt Ion: 56 Resp: 65428  
Ion Ratio Lower Upper  
56 100  
69 33.9 24.2 36.2  
84 92.4 70.3 105.5



#32  
1,1,1-Trichloroethane  
Concen: 20.248 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: VN086482.D  
Acq: 05 May 2025 13:36

Tgt Ion: 97 Resp: 64240  
Ion Ratio Lower Upper  
97 100  
99 64.0 52.7 79.1  
61 48.8 39.5 59.3





#33

1,2-Dichloroethane-d4

Concen: 52.553 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086482.D

Acq: 05 May 2025 13:36

Instrument :

MSVOA\_N

ClientSampleId :

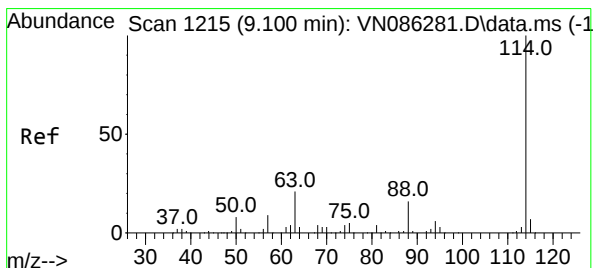
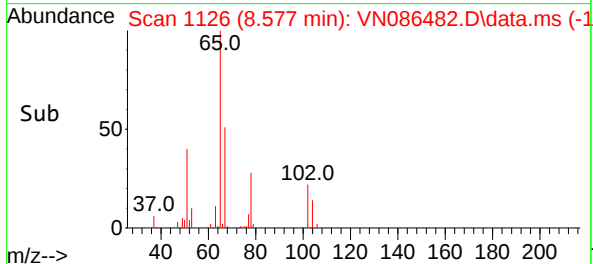
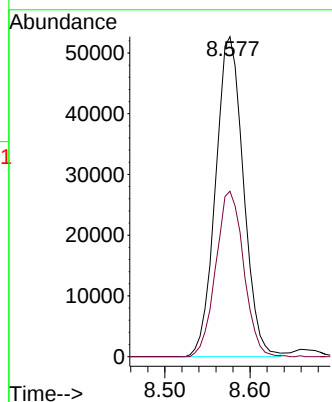
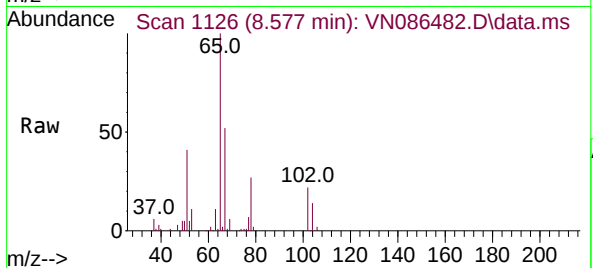
VN0505WBSD01

Tgt Ion: 65 Resp: 119804

Ion Ratio Lower Upper

65 100

67 51.7 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: VN086482.D

Acq: 05 May 2025 13:36

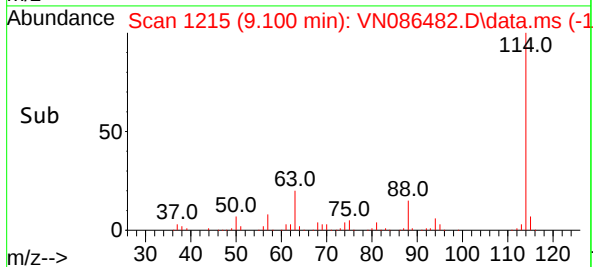
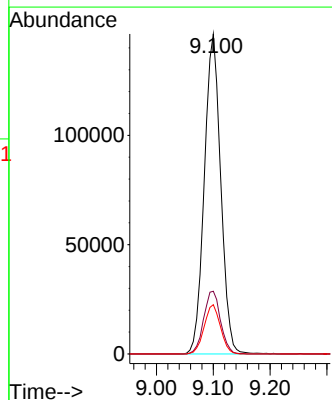
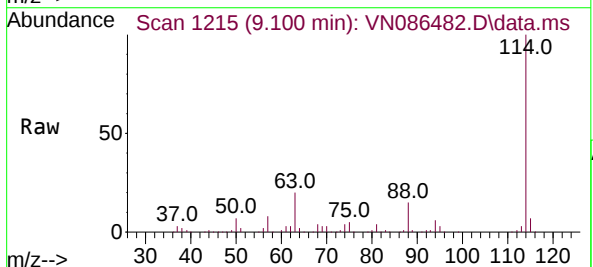
Tgt Ion: 114 Resp: 292904

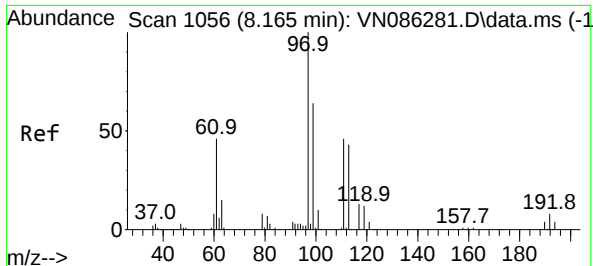
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.6

88 15.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 58.741 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086482.D

Acq: 05 May 2025 13:36

Instrument :

MSVOA\_N

ClientSampleId :

VN0505WBSD01

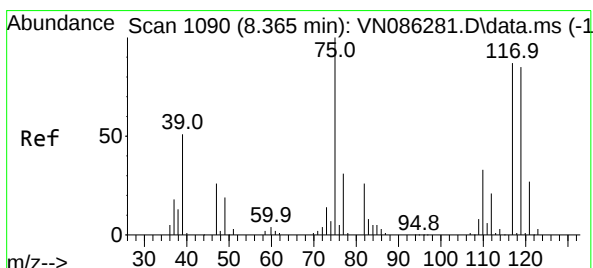
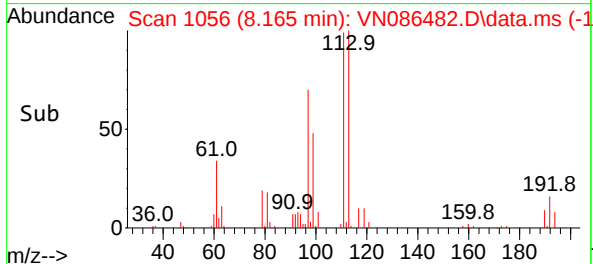
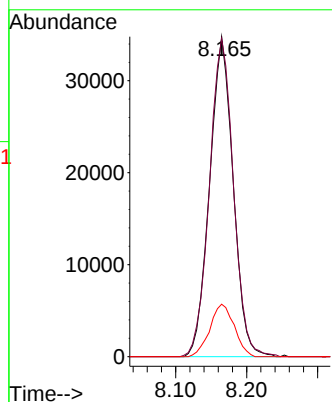
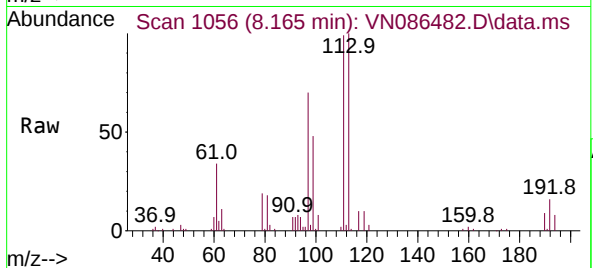
Tgt Ion:113 Resp: 79853

Ion Ratio Lower Upper

113 100

111 101.8 83.4 125.0

192 17.0 13.7 20.5



#36

1,1-Dichloropropene

Concen: 19.541 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN086482.D

Acq: 05 May 2025 13:36

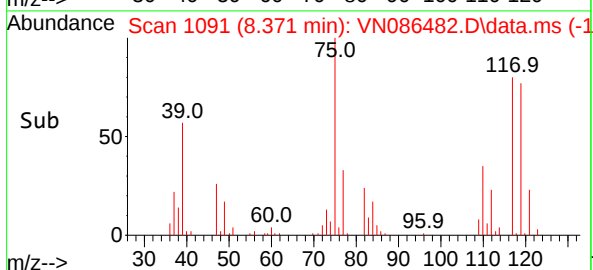
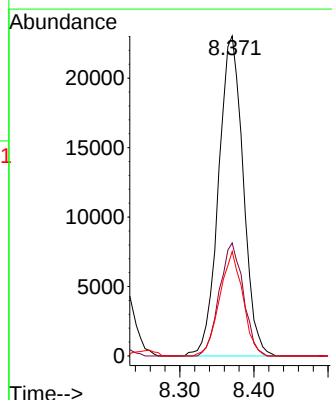
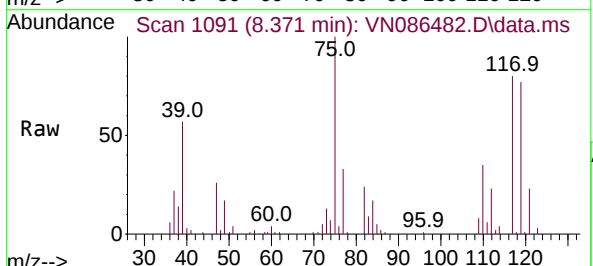
Tgt Ion: 75 Resp: 53058

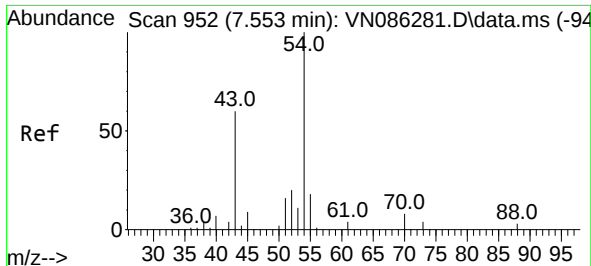
Ion Ratio Lower Upper

75 100

110 34.4 16.8 50.4

77 30.9 24.9 37.3





#37

Ethyl Acetate

Concen: 19.870 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN086482.D

Acq: 05 May 2025 13:36

Instrument :

MSVOA\_N

ClientSampleId :

VN0505WBSD01

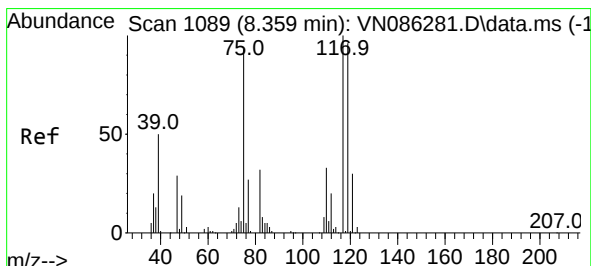
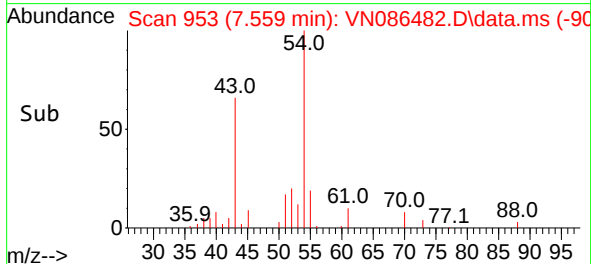
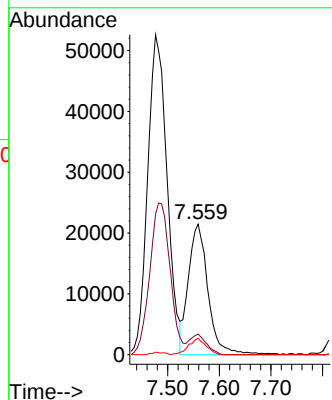
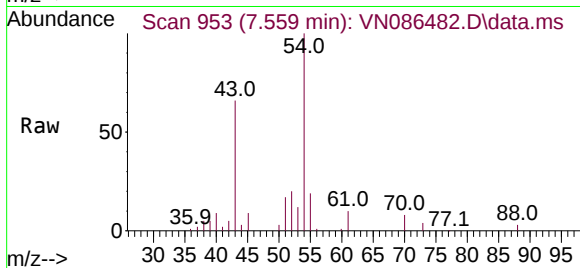
Tgt Ion: 43 Resp: 56800

Ion Ratio Lower Upper

43 100

61 13.1 11.1 16.7

70 11.0 9.2 13.8



#38

Carbon Tetrachloride

Concen: 20.987 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VN086482.D

Acq: 05 May 2025 13:36

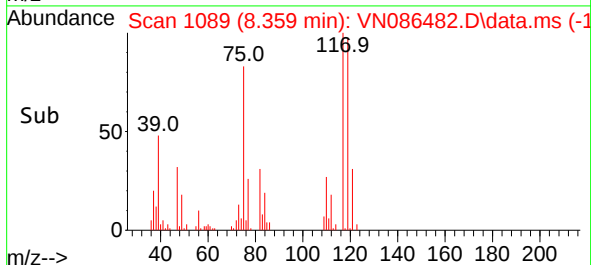
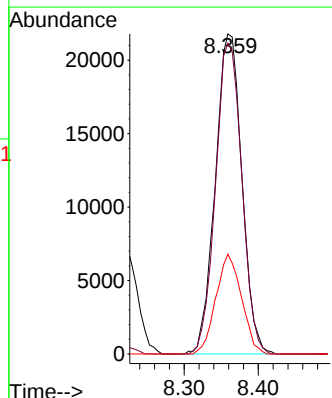
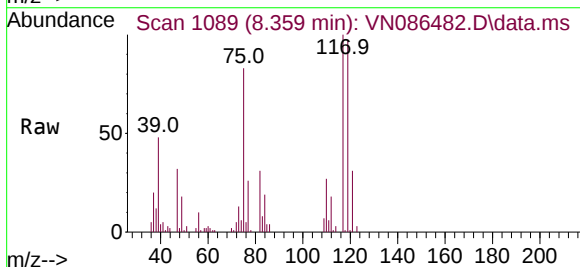
Tgt Ion: 117 Resp: 54266

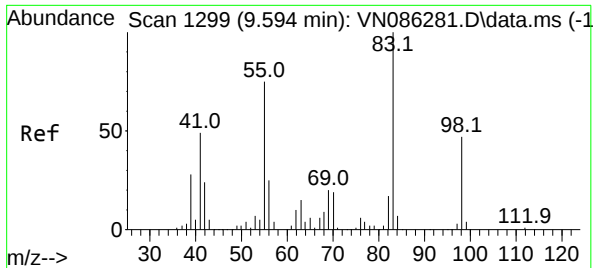
Ion Ratio Lower Upper

117 100

119 97.1 76.8 115.2

121 31.2 23.8 35.8





#39

Methylcyclohexane

Concen: 18.652 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN086482.D

Acq: 05 May 2025 13:36

Instrument :

MSVOA\_N

ClientSampleId :

VN0505WBSD01

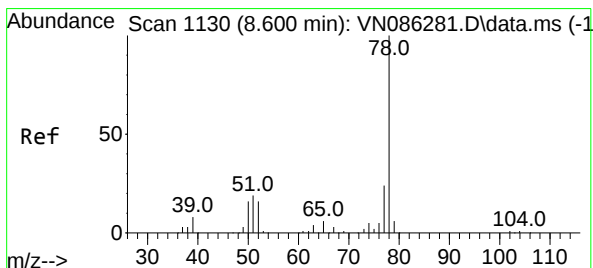
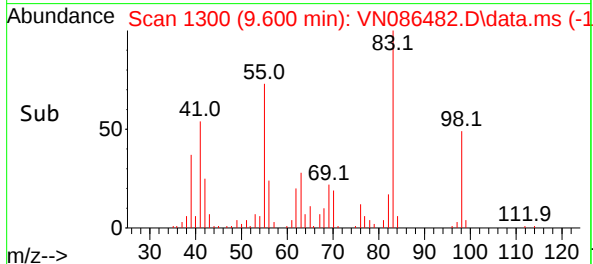
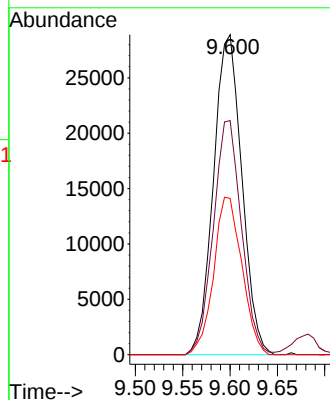
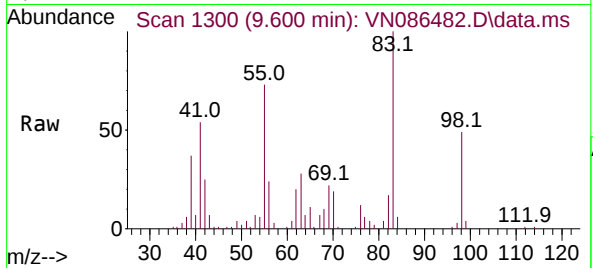
Tgt Ion: 83 Resp: 60196

Ion Ratio Lower Upper

83 100

55 73.1 59.8 89.8

98 48.8 37.9 56.9



#40

Benzene

Concen: 19.899 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN086482.D

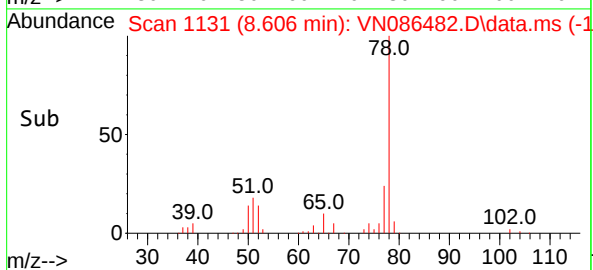
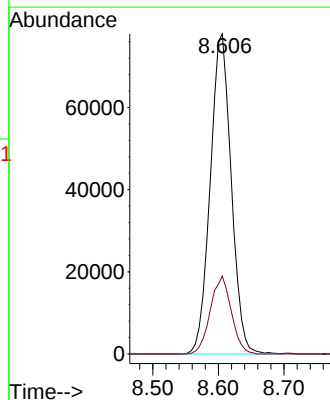
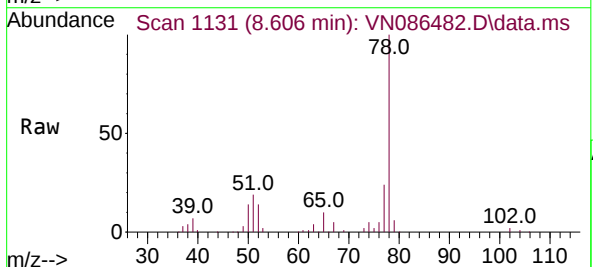
Acq: 05 May 2025 13:36

Tgt Ion: 78 Resp: 173108

Ion Ratio Lower Upper

78 100

77 24.3 19.4 29.2

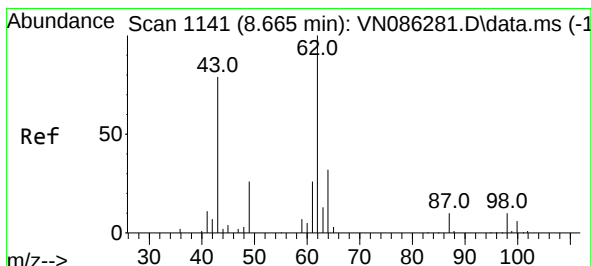
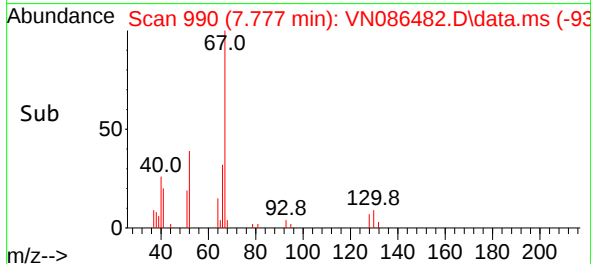
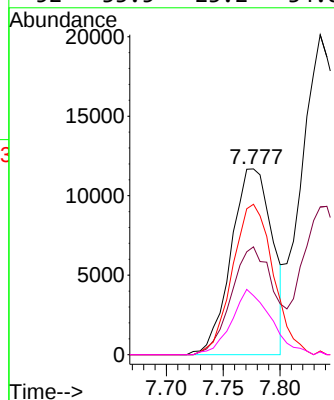
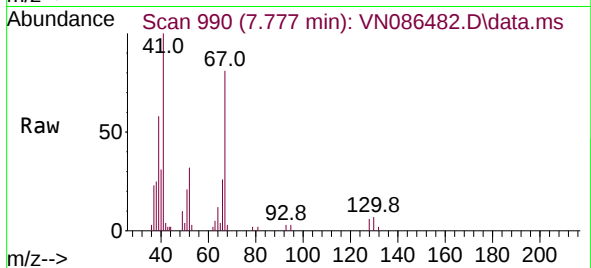




#41  
Methacrylonitrile  
Concen: 17.841 ug/l  
RT: 7.777 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN086482.D  
Acq: 05 May 2025 13:36

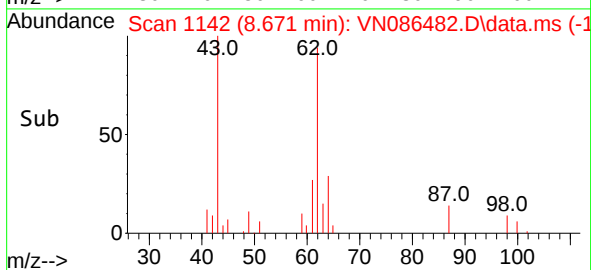
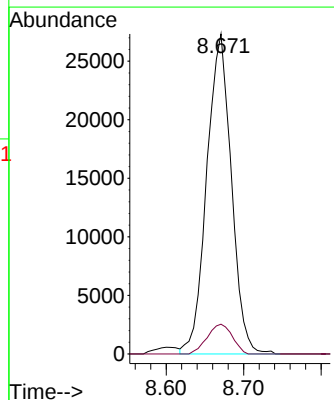
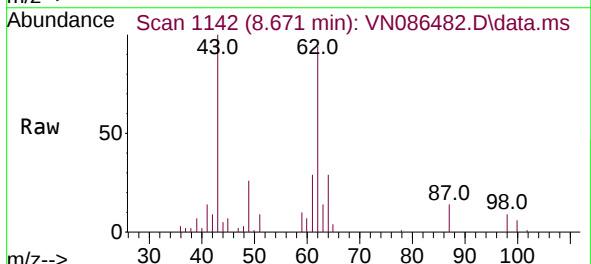
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505WBSD01

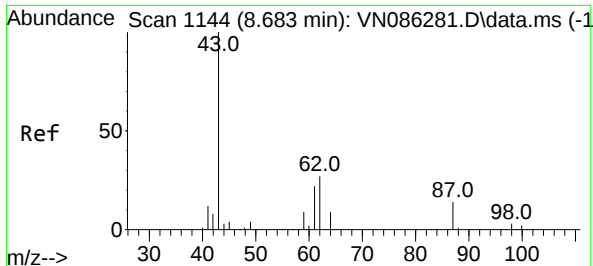
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 29557 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 60.4  | 43.0  | 64.4  |
| 67       | 80.3  | 58.8  | 88.2  |
| 52       | 33.5  | 23.2  | 34.8  |



#42  
1,2-Dichloroethane  
Concen: 21.704 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. 0.006 min  
Lab File: VN086482.D  
Acq: 05 May 2025 13:36

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 60210 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.5   | 0.0   | 19.2  |





#43

Isopropyl Acetate

Concen: 19.848 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.005 min

Lab File: VN086482.D

Acq: 05 May 2025 13:36

Instrument :

MSVOA\_N

ClientSampleId :

VN0505WBSD01

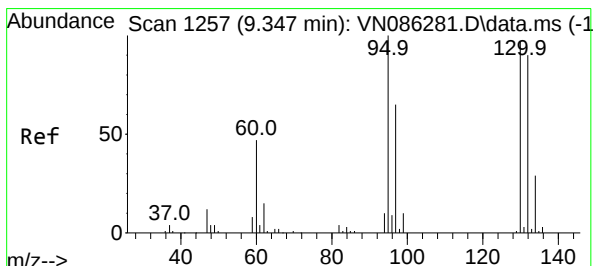
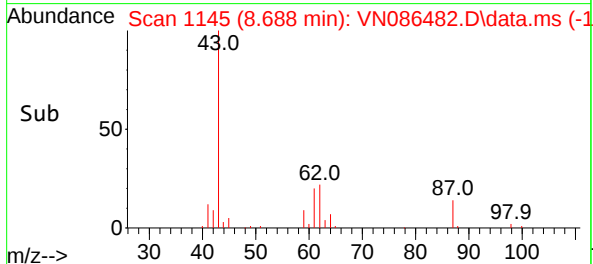
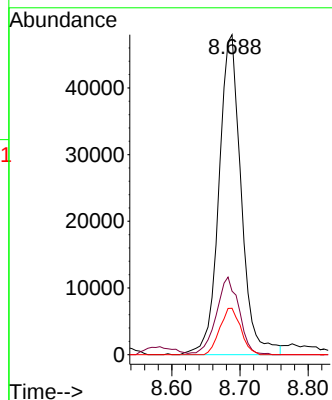
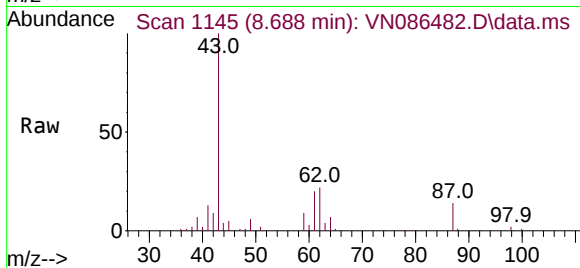
Tgt Ion: 43 Resp: 108956

Ion Ratio Lower Upper

43 100

61 24.8 20.5 30.7

87 13.6 10.5 15.7



#44

Trichloroethene

Concen: 21.002 ug/l

RT: 9.347 min Scan# 1257

Delta R.T. -0.000 min

Lab File: VN086482.D

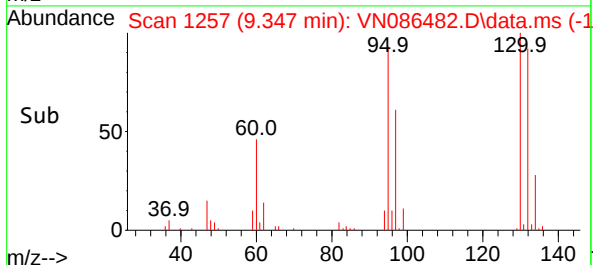
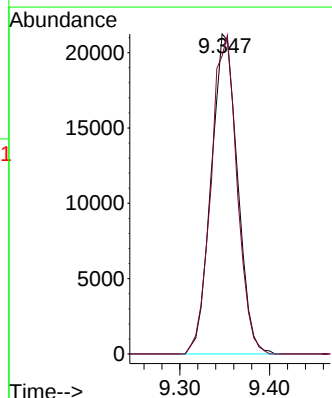
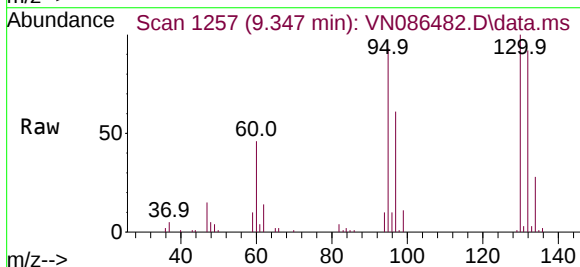
Acq: 05 May 2025 13:36

Tgt Ion:130 Resp: 43305

Ion Ratio Lower Upper

130 100

95 93.1 0.0 207.2





#45

1,2-Dichloropropane

Concen: 20.078 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086482.D

Acq: 05 May 2025 13:36

Instrument :

MSVOA\_N

ClientSampleId :

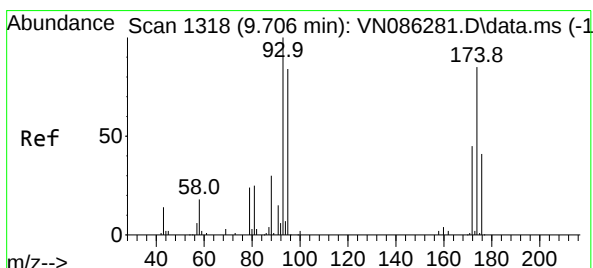
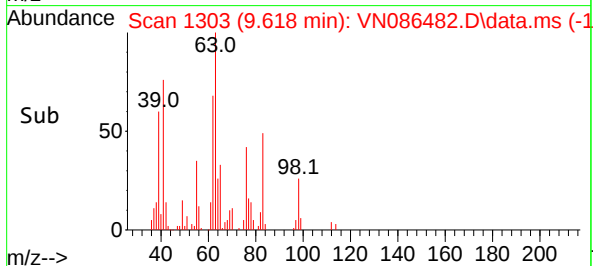
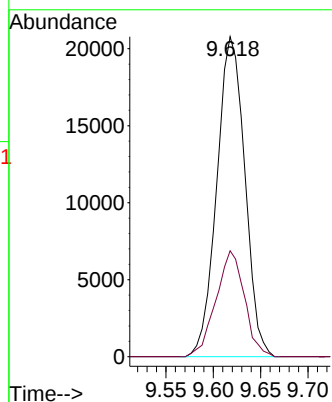
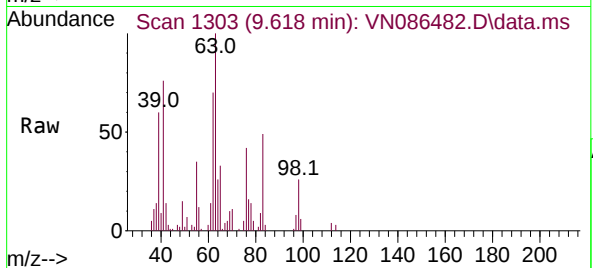
VN0505WBSD01

Tgt Ion: 63 Resp: 42755

Ion Ratio Lower Upper

63 100

65 33.1 25.4 38.2



#46

Dibromomethane

Concen: 22.897 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086482.D

Acq: 05 May 2025 13:36

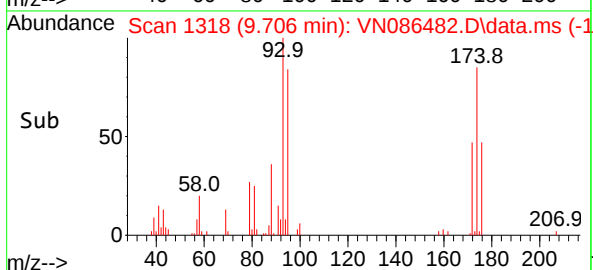
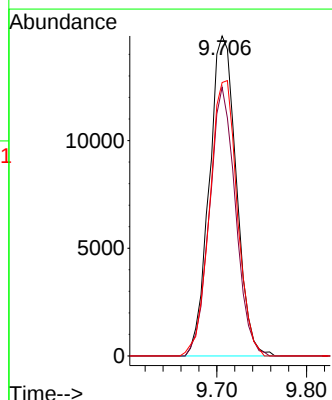
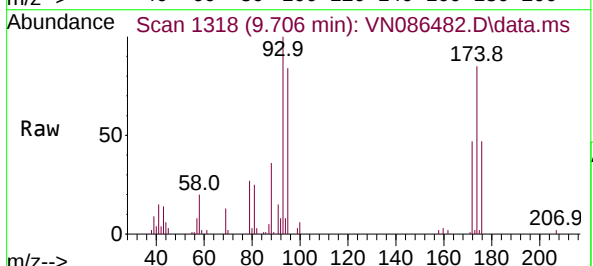
Tgt Ion: 93 Resp: 31066

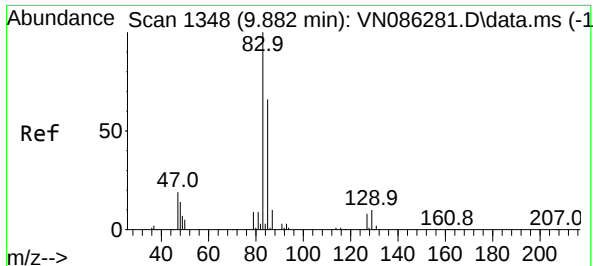
Ion Ratio Lower Upper

93 100

95 80.6 66.2 99.4

174 87.5 67.8 101.6

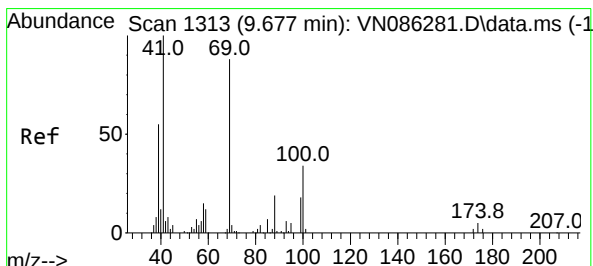
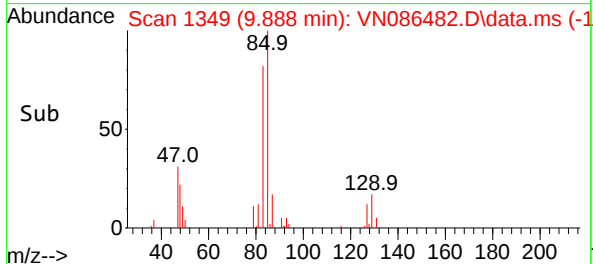
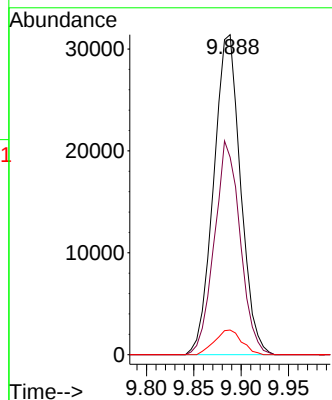
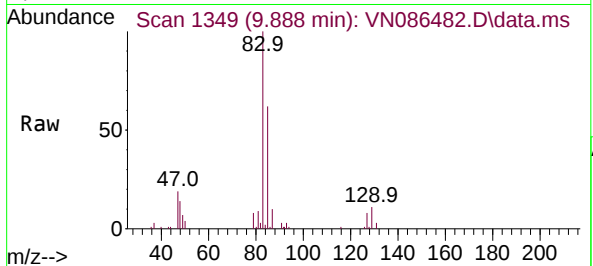




#47  
Bromodichloromethane  
Concen: 21.174 ug/l  
RT: 9.888 min Scan# 1348  
Delta R.T. 0.006 min  
Lab File: VN086482.D  
Acq: 05 May 2025 13:36

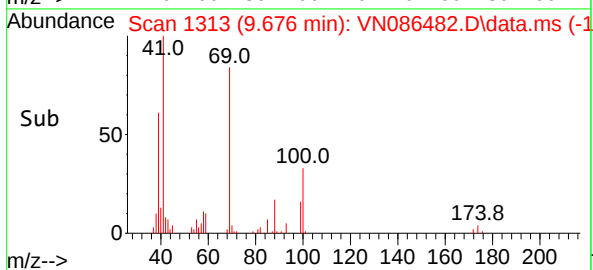
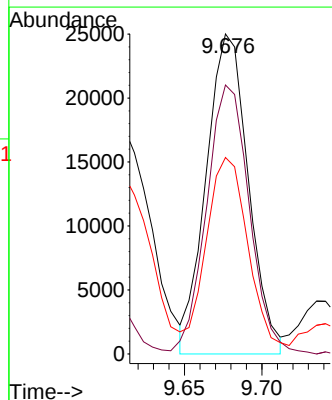
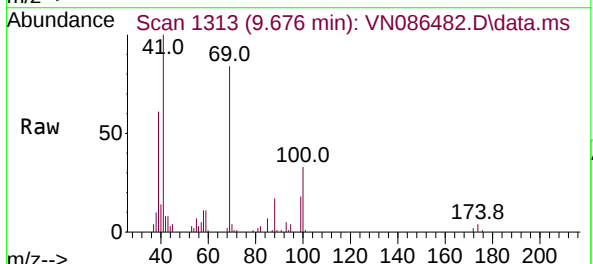
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505WBSD01

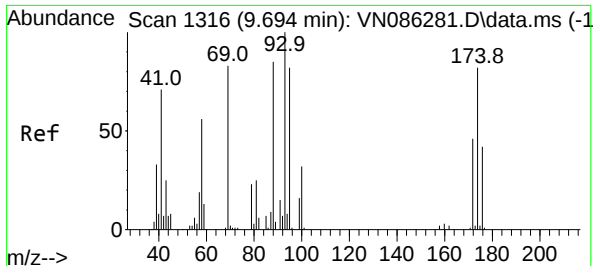
Tgt Ion: 83 Resp: 62049  
Ion Ratio Lower Upper  
83 100  
85 61.7 52.6 78.8  
127 7.7 6.1 9.1



#48  
Methyl methacrylate  
Concen: 18.868 ug/l  
RT: 9.676 min Scan# 1313  
Delta R.T. -0.000 min  
Lab File: VN086482.D  
Acq: 05 May 2025 13:36

Tgt Ion: 41 Resp: 47363  
Ion Ratio Lower Upper  
41 100  
69 85.5 68.2 102.2  
39 61.9 45.2 67.8





#49

1,4-Dioxane

Concen: 431.457 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN086482.D

Acq: 05 May 2025 13:36

Instrument :

MSVOA\_N

ClientSampleId :

VN0505WBSD01

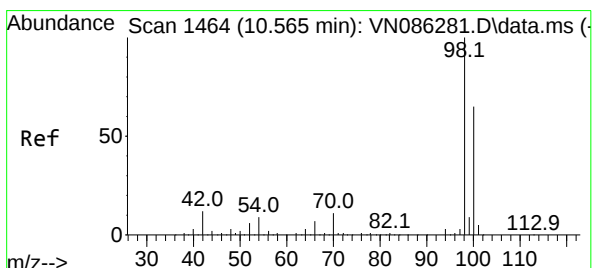
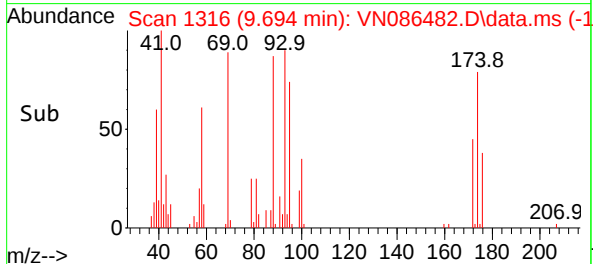
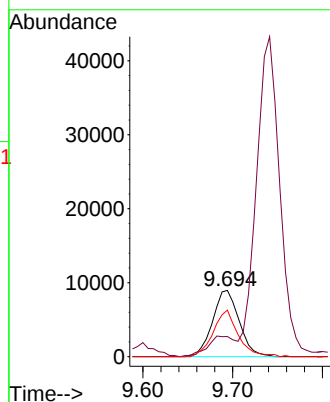
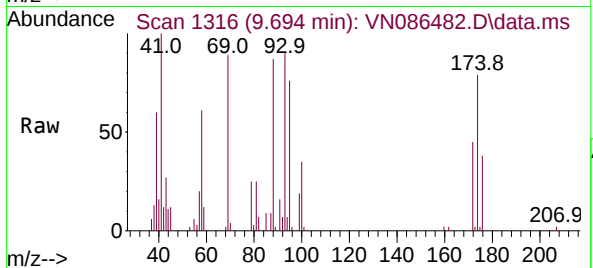
Tgt Ion: 88 Resp: 18423

Ion Ratio Lower Upper

88 100

43 33.2 23.8 35.8

58 66.2 57.4 86.2



#50

Toluene-d8

Concen: 49.472 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086482.D

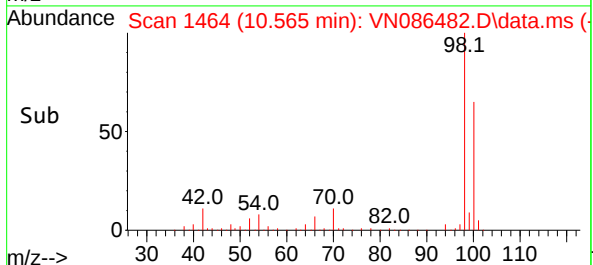
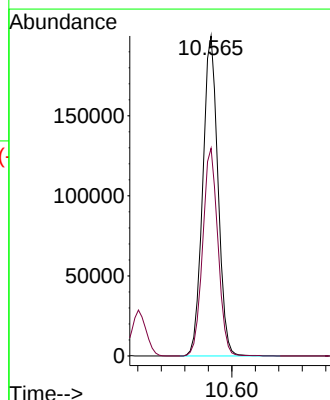
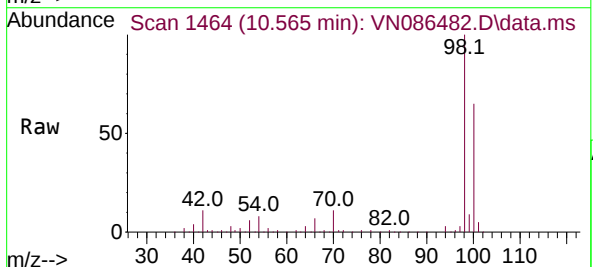
Acq: 05 May 2025 13:36

Tgt Ion: 98 Resp: 359432

Ion Ratio Lower Upper

98 100

100 65.0 52.5 78.7

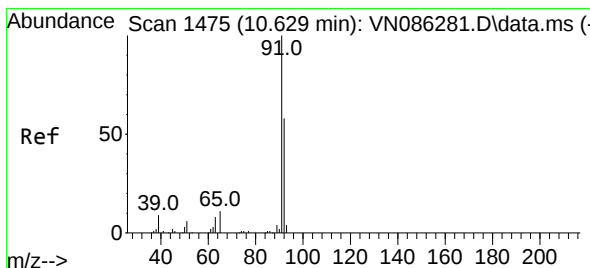
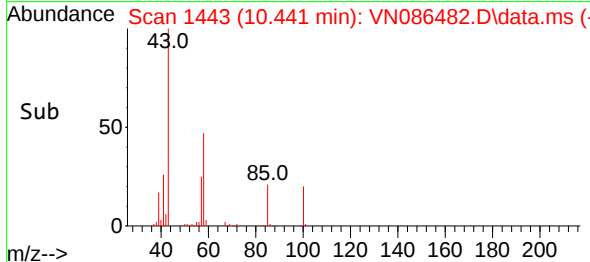
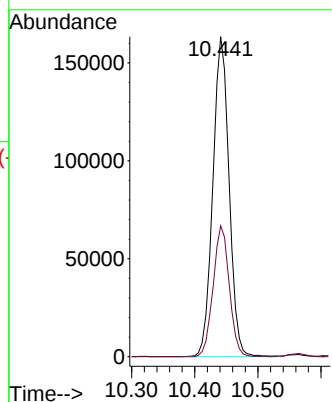
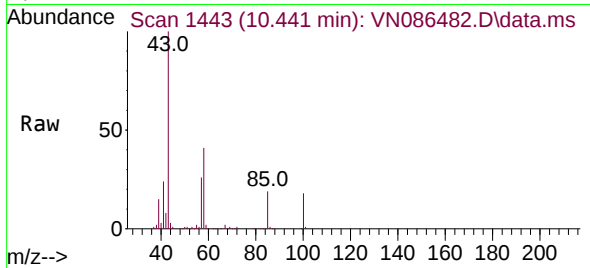




#51  
4-Methyl-2-Pentanone  
Concen: 99.579 ug/l  
RT: 10.441 min Scan# 1443  
Delta R.T. -0.000 min  
Lab File: VN086482.D  
Acq: 05 May 2025 13:36

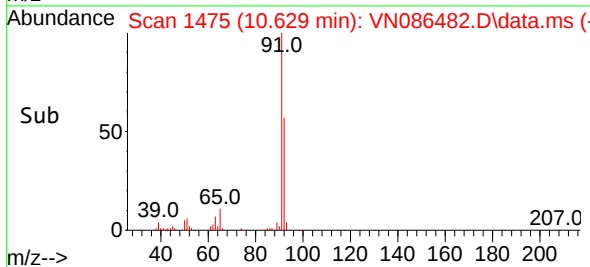
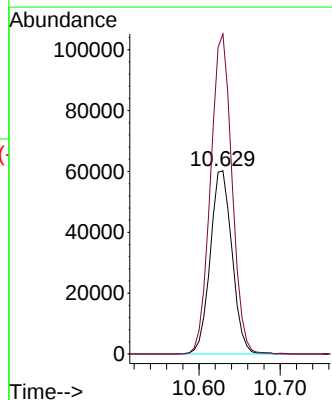
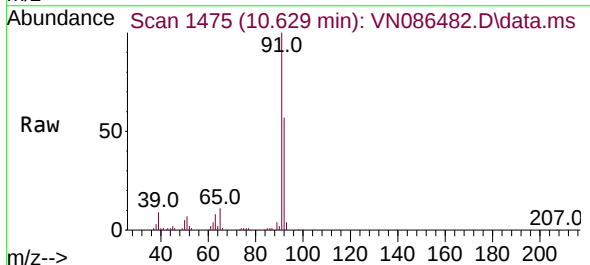
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505WBSD01

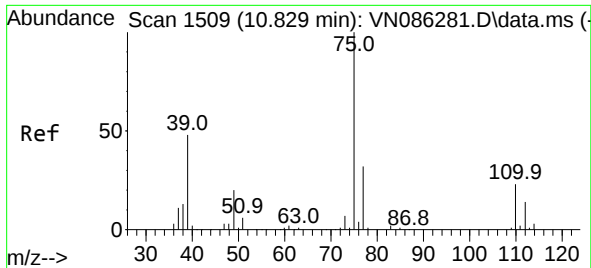
Tgt Ion: 43 Resp: 291483  
Ion Ratio Lower Upper  
43 100  
58 40.7 32.2 48.4



#52  
Toluene  
Concen: 20.640 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VN086482.D  
Acq: 05 May 2025 13:36

Tgt Ion: 92 Resp: 112038  
Ion Ratio Lower Upper  
92 100  
91 172.4 137.3 205.9

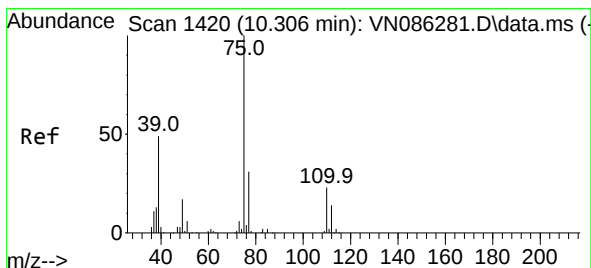
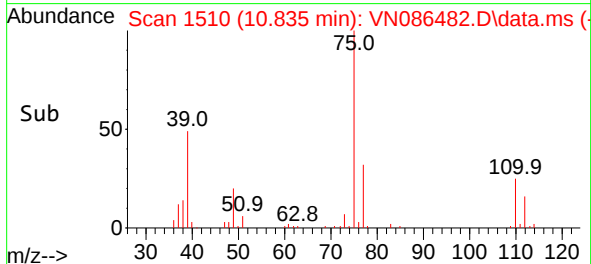
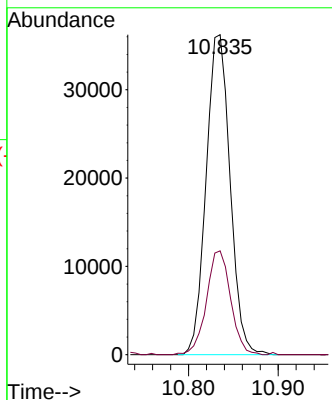
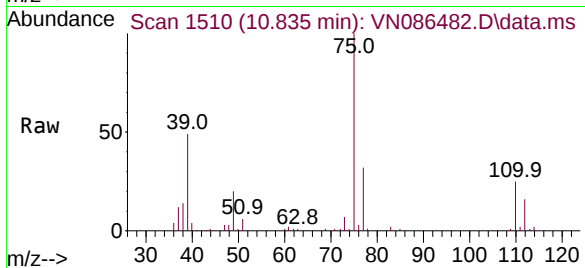




#53  
 t-1,3-Dichloropropene  
 Concen: 20.540 ug/l  
 RT: 10.835 min Scan# 1509  
 Delta R.T. 0.006 min  
 Lab File: VN086482.D  
 Acq: 05 May 2025 13:36

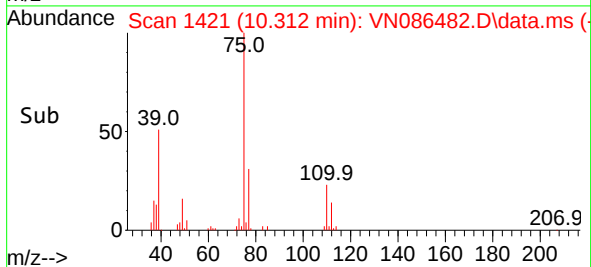
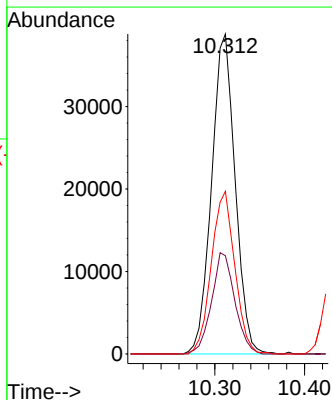
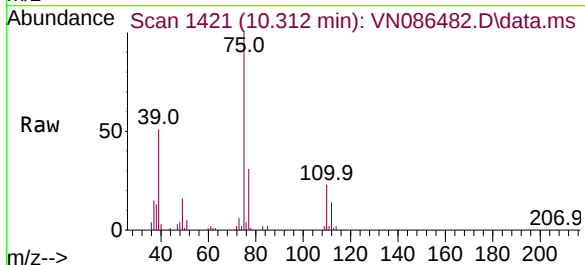
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0505WBSD01

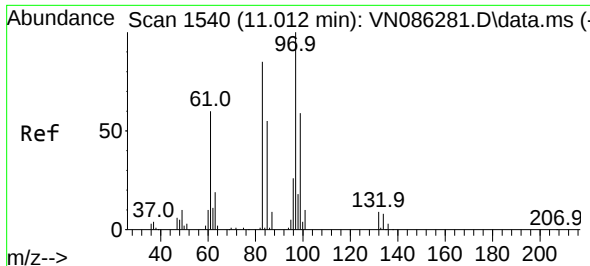
Tgt Ion: 75 Resp: 67189  
 Ion Ratio Lower Upper  
 75 100  
 77 32.4 25.4 38.0



#54  
 cis-1,3-Dichloropropene  
 Concen: 19.666 ug/l  
 RT: 10.312 min Scan# 1421  
 Delta R.T. 0.006 min  
 Lab File: VN086482.D  
 Acq: 05 May 2025 13:36

Tgt Ion: 75 Resp: 70657  
 Ion Ratio Lower Upper  
 75 100  
 77 30.7 25.2 37.8  
 39 50.9 39.3 58.9

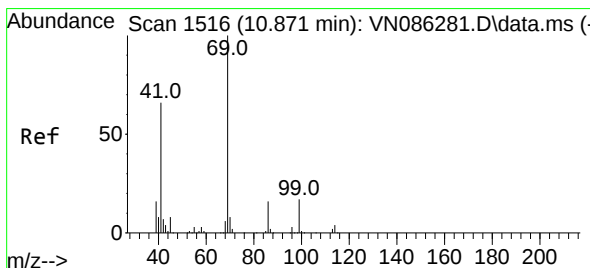
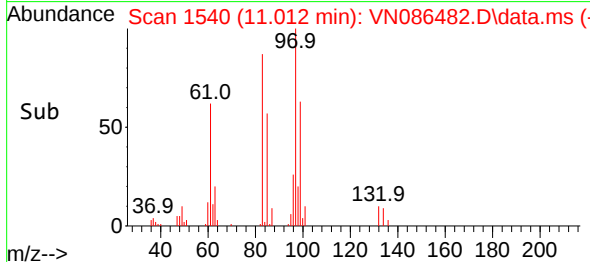
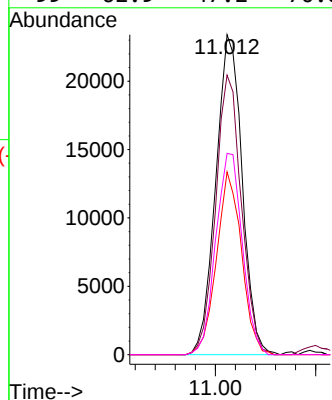
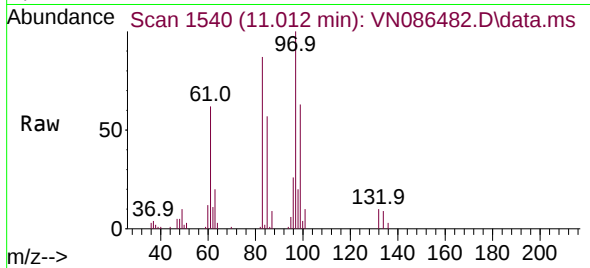




#55  
1,1,2-Trichloroethane  
Concen: 21.852 ug/l  
RT: 11.012 min Scan# 1540  
Delta R.T. -0.000 min  
Lab File: VN086482.D  
Acq: 05 May 2025 13:36

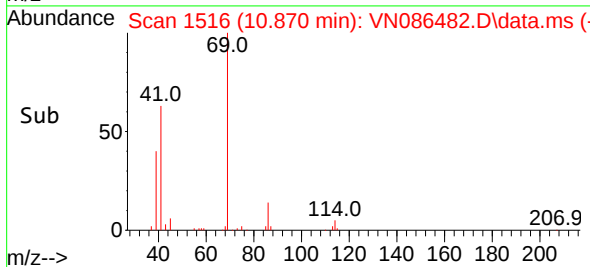
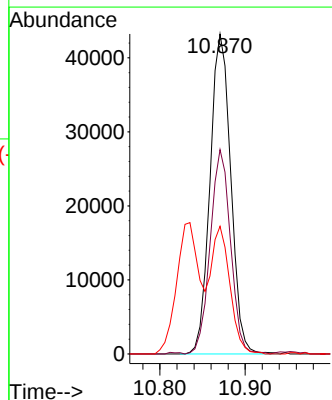
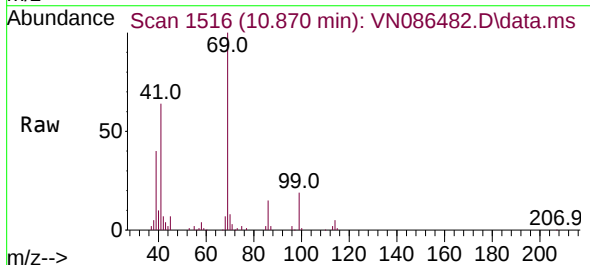
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505WBSD01

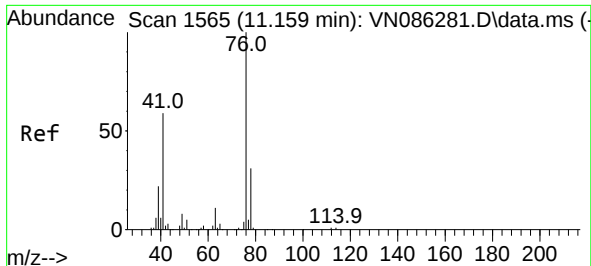
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 42677 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 87.4  | 68.4  | 102.6 |
| 85       | 57.1  | 43.9  | 65.9  |
| 99       | 62.9  | 47.2  | 70.8  |



#56  
Ethyl methacrylate  
Concen: 20.356 ug/l  
RT: 10.870 min Scan# 1516  
Delta R.T. -0.000 min  
Lab File: VN086482.D  
Acq: 05 May 2025 13:36

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 73075 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 62.5  | 51.7  | 77.5  |
| 39       | 36.2  | 26.3  | 39.5  |





#57

1,3-Dichloropropane

Concen: 21.662 ug/l

RT: 11.159 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086482.D

Acq: 05 May 2025 13:36

Instrument :

MSVOA\_N

ClientSampleId :

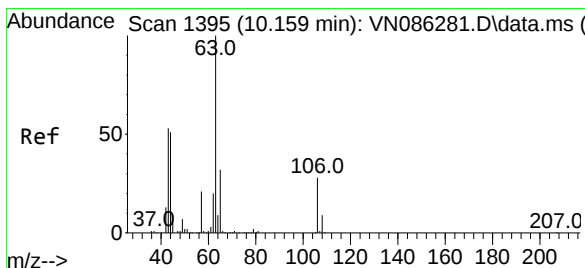
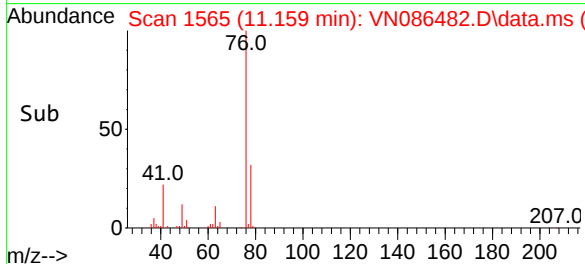
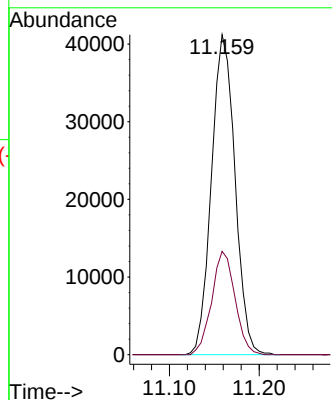
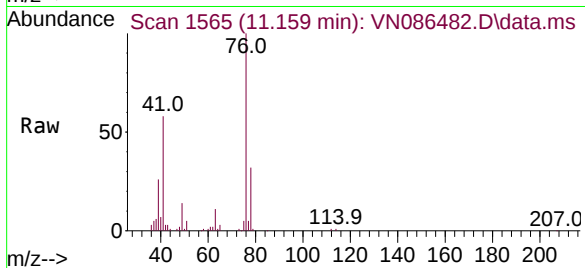
VN0505WBSD01

Tgt Ion: 76 Resp: 75060

Ion Ratio Lower Upper

76 100

78 32.0 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 83.092 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN086482.D

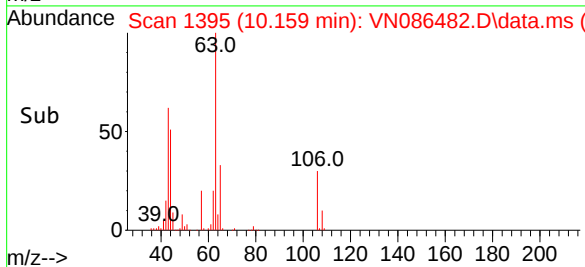
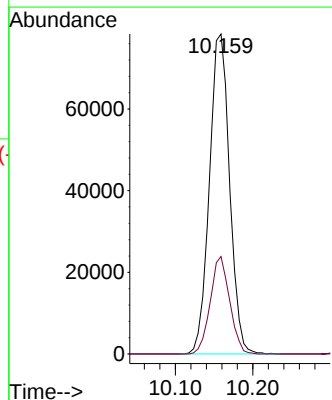
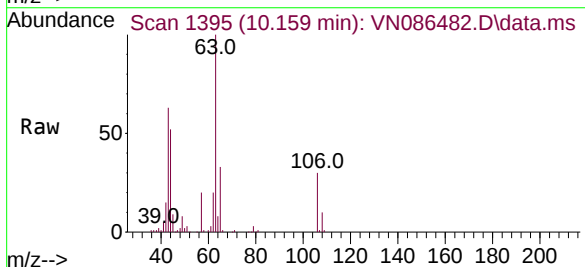
Acq: 05 May 2025 13:36

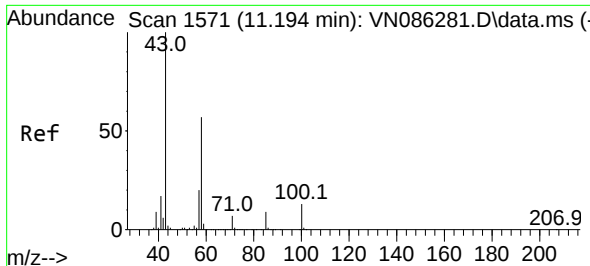
Tgt Ion: 63 Resp: 141580

Ion Ratio Lower Upper

63 100

106 29.3 22.2 33.2

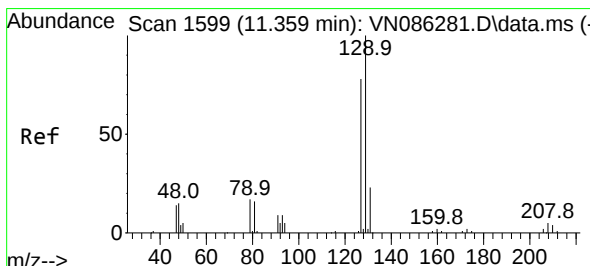
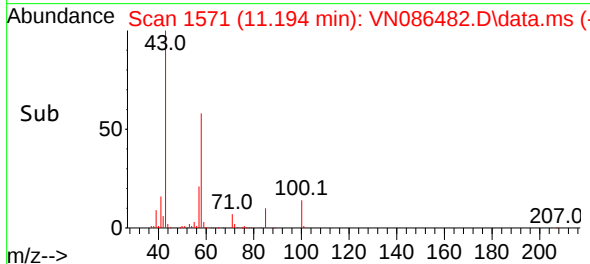
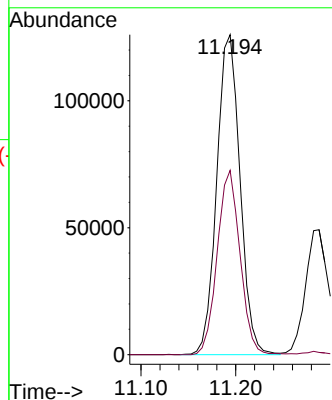
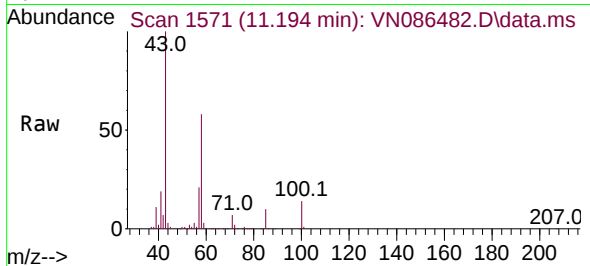




#59  
2-Hexanone  
Concen: 99.098 ug/l  
RT: 11.194 min Scan# 1571  
Delta R.T. -0.000 min  
Lab File: VN086482.D  
Acq: 05 May 2025 13:36

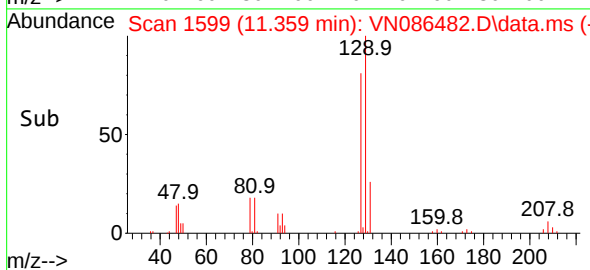
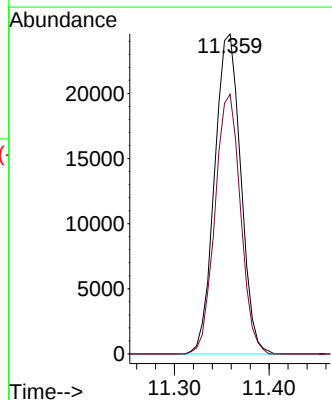
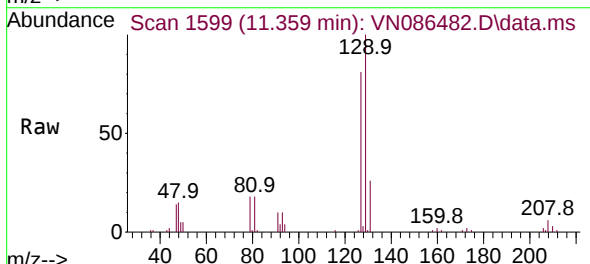
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505WBSD01

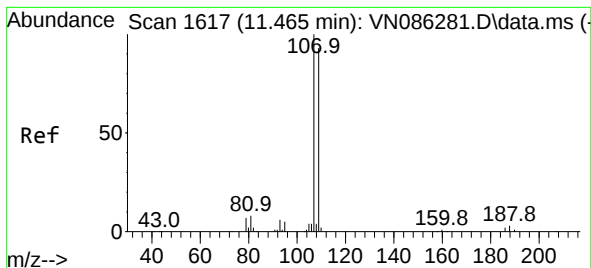
Tgt Ion: 43 Resp: 215159  
Ion Ratio Lower Upper  
43 100  
58 56.4 28.3 85.0



#60  
Dibromochloromethane  
Concen: 22.027 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. -0.000 min  
Lab File: VN086482.D  
Acq: 05 May 2025 13:36

Tgt Ion: 129 Resp: 47238  
Ion Ratio Lower Upper  
129 100  
127 79.1 38.7 116.1

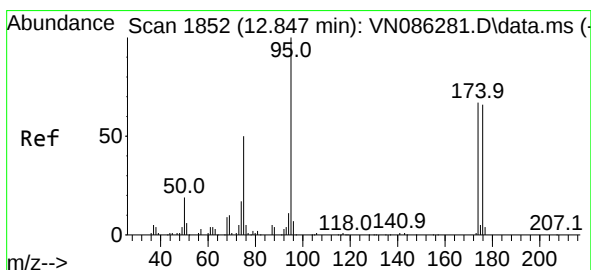
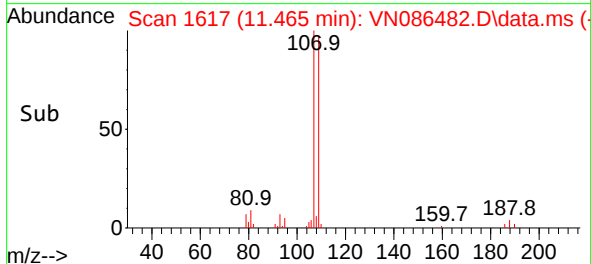
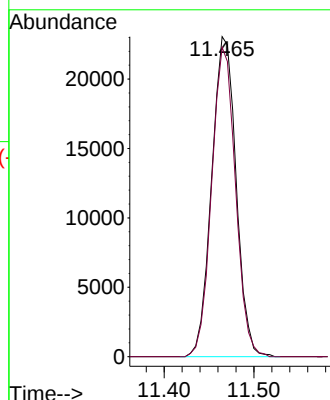
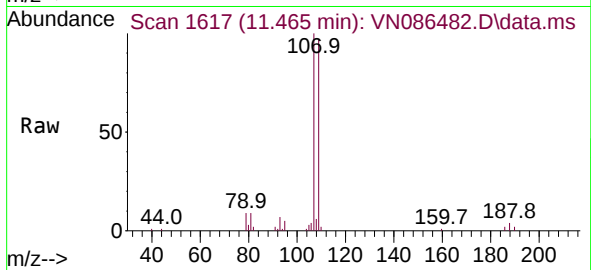




#61  
1,2-Dibromoethane  
Concen: 22.080 ug/l  
RT: 11.465 min Scan# 1617  
Delta R.T. -0.000 min  
Lab File: VN086482.D  
Acq: 05 May 2025 13:36

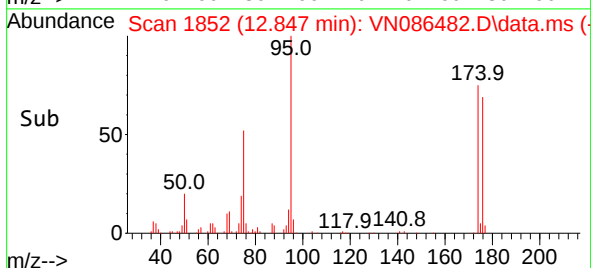
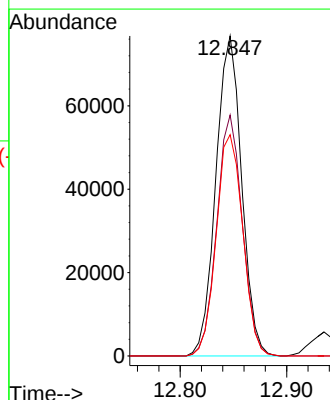
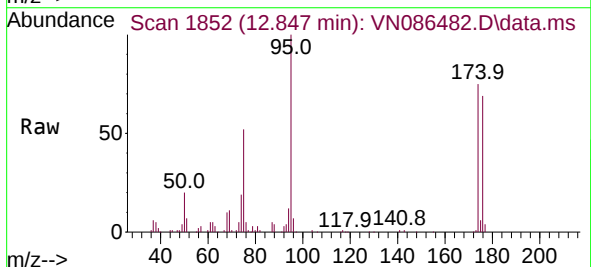
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505WBSD01

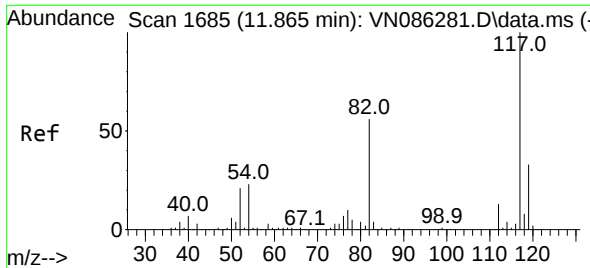
Tgt Ion:107 Resp: 43512  
Ion Ratio Lower Upper  
107 100  
109 94.3 75.4 113.0



#62  
4-Bromofluorobenzene  
Concen: 48.685 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN086482.D  
Acq: 05 May 2025 13:36

Tgt Ion: 95 Resp: 129013  
Ion Ratio Lower Upper  
95 100  
174 74.4 0.0 133.4  
176 71.3 0.0 129.2

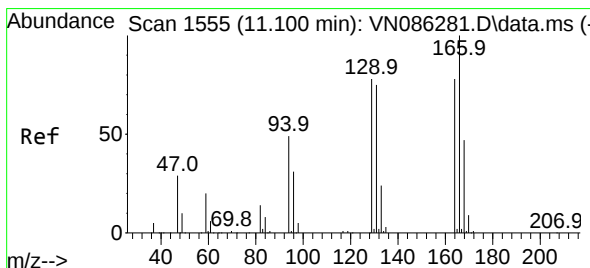
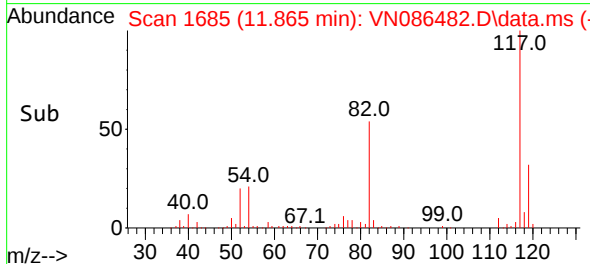
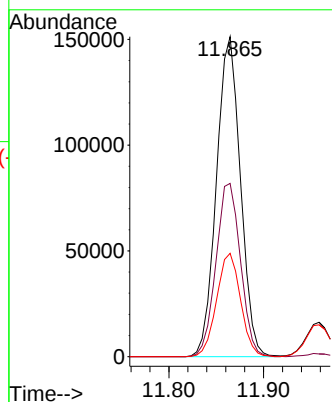
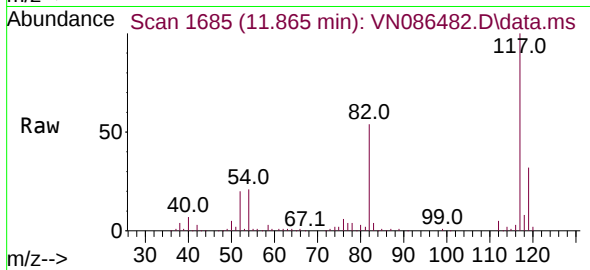




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN086482.D  
Acq: 05 May 2025 13:36

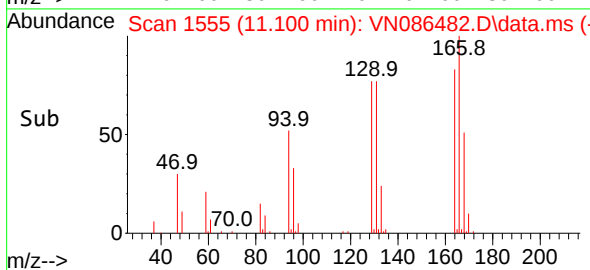
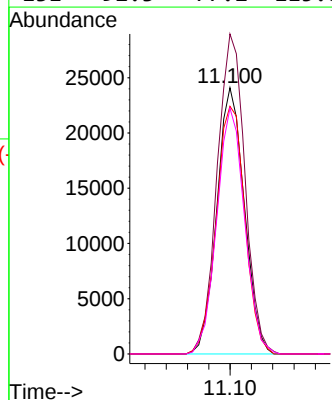
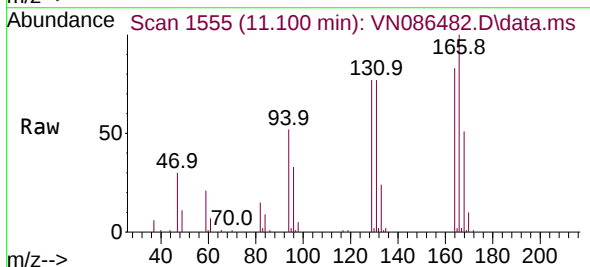
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505WBSD01

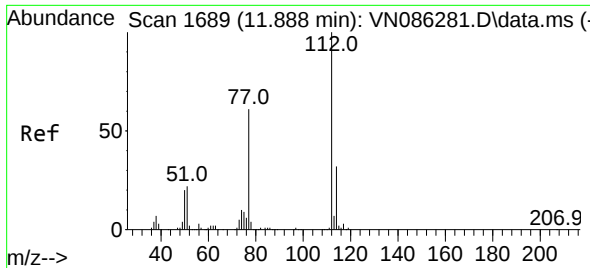
Tgt Ion:117 Resp: 266719  
Ion Ratio Lower Upper  
117 100  
82 54.1 44.7 67.1  
119 32.3 26.4 39.6



#64  
Tetrachloroethene  
Concen: 21.072 ug/l  
RT: 11.100 min Scan# 1555  
Delta R.T. -0.000 min  
Lab File: VN086482.D  
Acq: 05 May 2025 13:36

Tgt Ion:164 Resp: 43232  
Ion Ratio Lower Upper  
164 100  
166 120.2 103.0 154.4  
129 93.0 80.1 120.1  
131 92.3 77.2 115.8

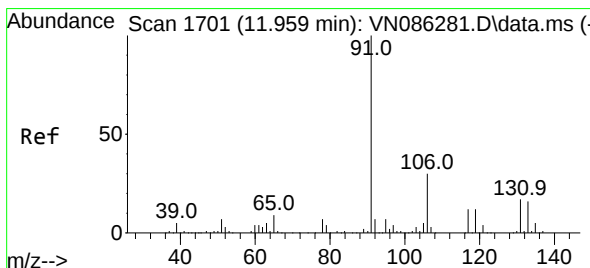
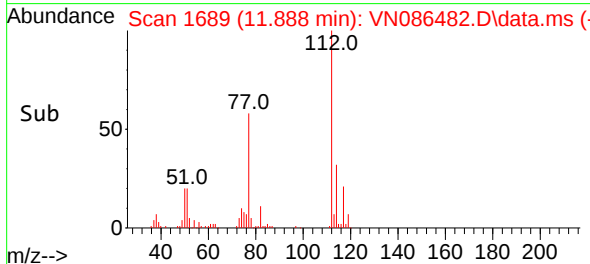
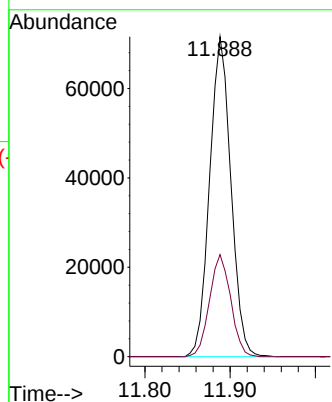
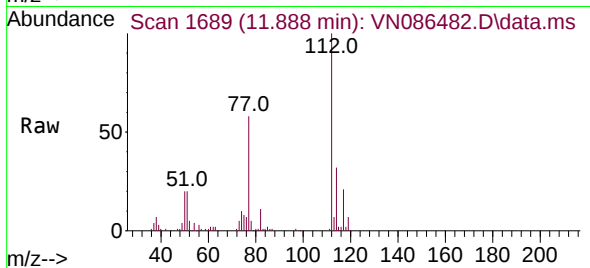




#65  
Chlorobenzene  
Concen: 20.856 ug/l  
RT: 11.888 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN086482.D  
Acq: 05 May 2025 13:36

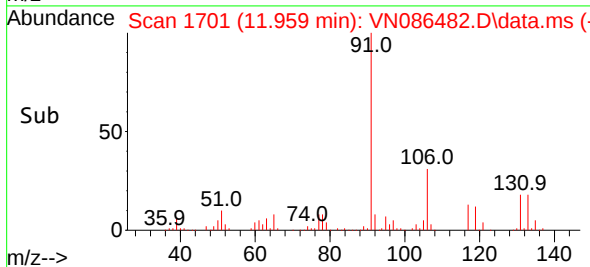
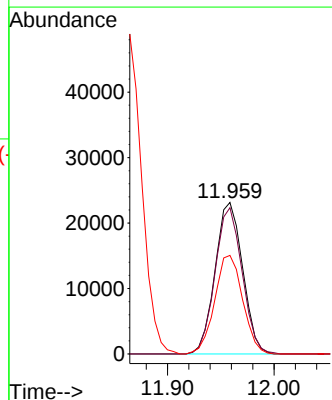
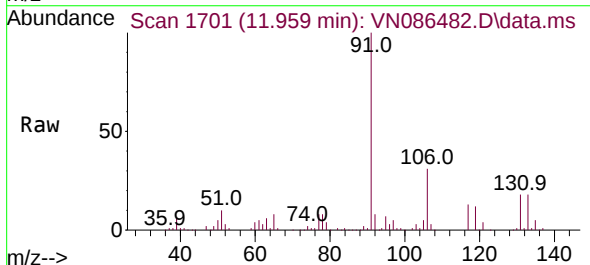
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505WBSD01

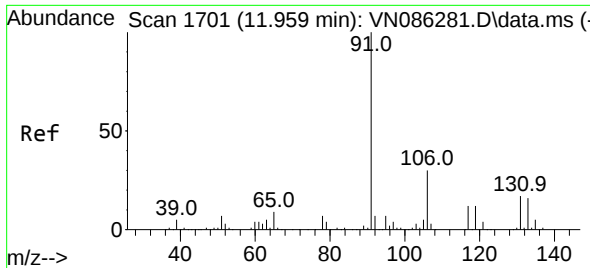
Tgt Ion:112 Resp: 124142  
Ion Ratio Lower Upper  
112 100  
114 31.9 25.4 38.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 21.168 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VN086482.D  
Acq: 05 May 2025 13:36

Tgt Ion:131 Resp: 41567  
Ion Ratio Lower Upper  
131 100  
133 94.9 47.1 141.3  
119 66.1 33.8 101.4

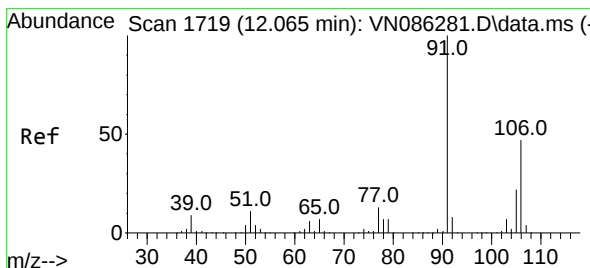
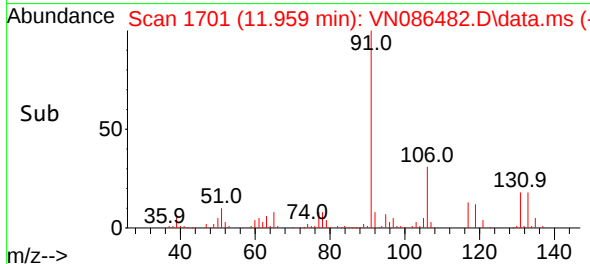
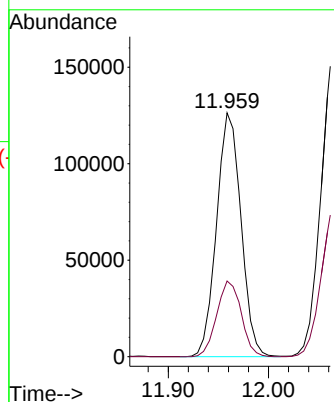
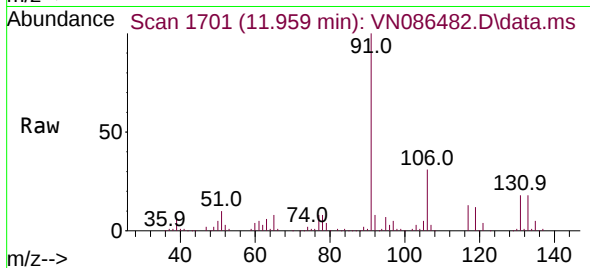




#67  
Ethyl Benzene  
Concen: 19.909 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VN086482.D  
Acq: 05 May 2025 13:36

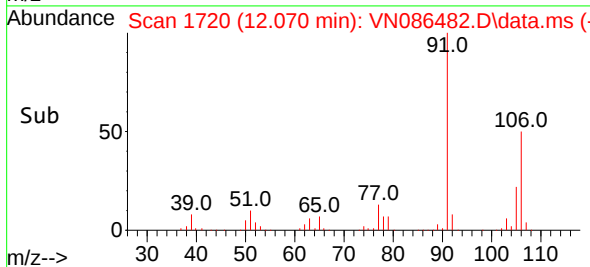
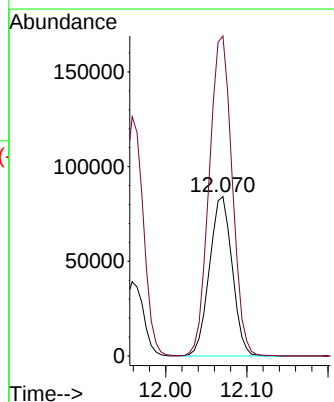
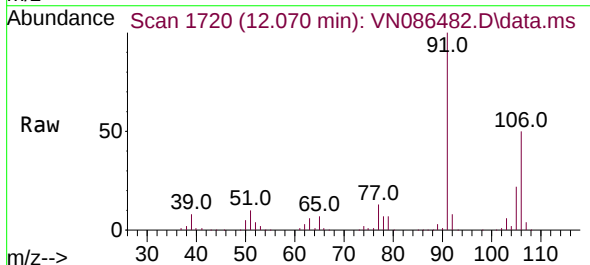
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505WBSD01

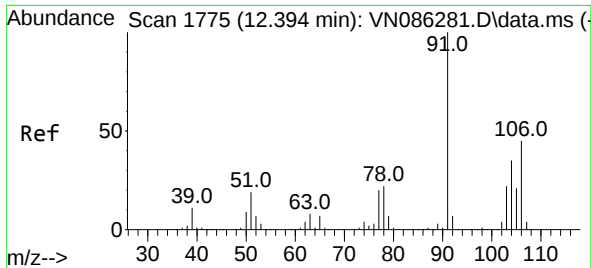
Tgt Ion: 91 Resp: 213840  
Ion Ratio Lower Upper  
91 100  
106 31.1 24.3 36.5



#68  
m/p-Xylenes  
Concen: 40.666 ug/l  
RT: 12.070 min Scan# 1720  
Delta R.T. 0.006 min  
Lab File: VN086482.D  
Acq: 05 May 2025 13:36

Tgt Ion: 106 Resp: 163665  
Ion Ratio Lower Upper  
106 100  
91 203.4 166.5 249.7

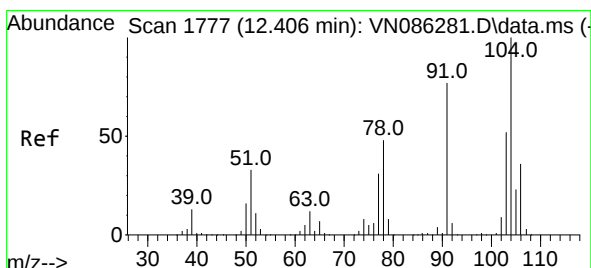
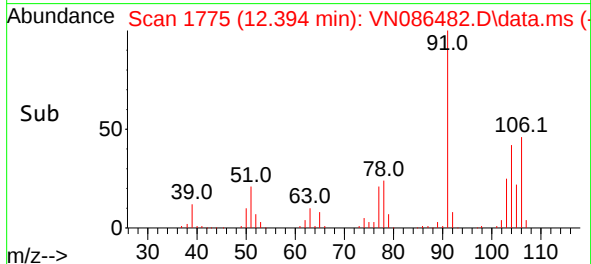
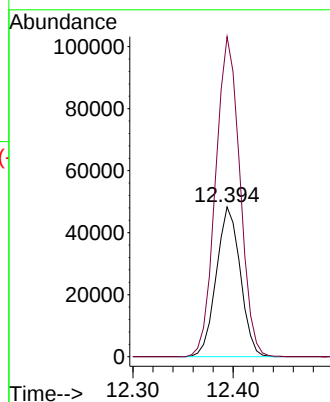
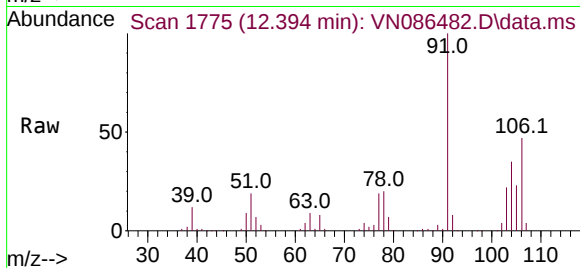




#69  
o-Xylene  
Concen: 20.129 ug/l  
RT: 12.394 min Scan# 1775  
Delta R.T. -0.000 min  
Lab File: VN086482.D  
Acq: 05 May 2025 13:36

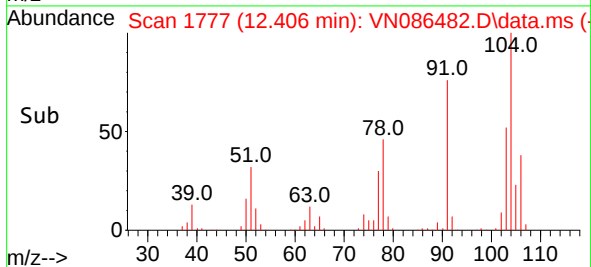
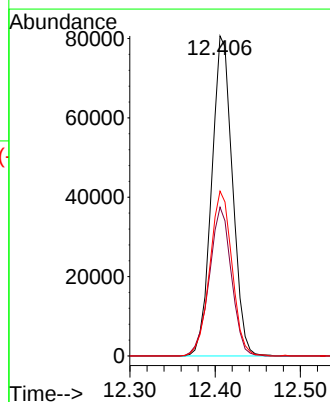
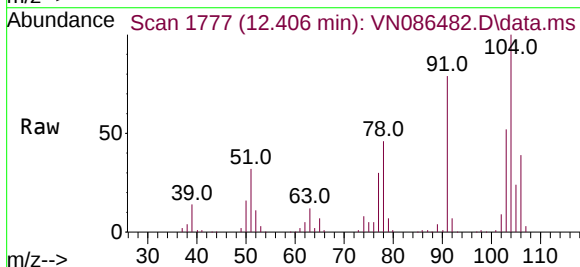
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505WBSD01

Tgt Ion:106 Resp: 80115  
Ion Ratio Lower Upper  
106 100  
91 217.2 109.7 329.0



#70  
Styrene  
Concen: 20.671 ug/l  
RT: 12.406 min Scan# 1777  
Delta R.T. -0.000 min  
Lab File: VN086482.D  
Acq: 05 May 2025 13:36

Tgt Ion:104 Resp: 137083  
Ion Ratio Lower Upper  
104 100  
78 49.1 40.6 61.0  
103 54.9 43.6 65.4

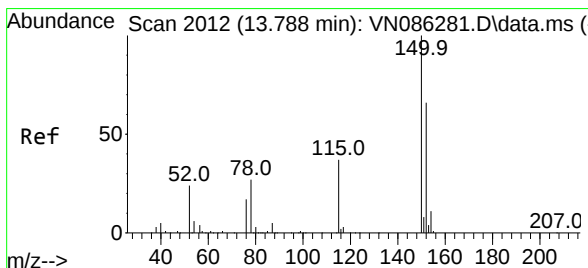
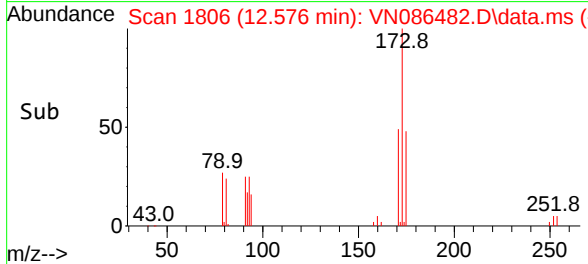
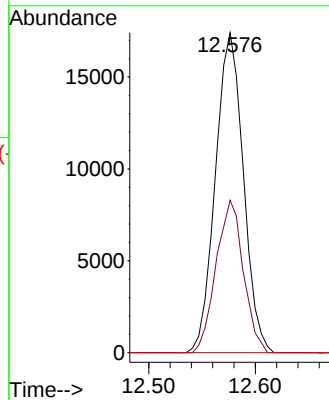
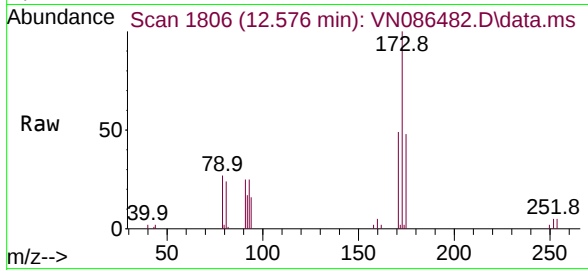




#71  
Bromoform  
Concen: 21.426 ug/l  
RT: 12.576 min Scan# 1806  
Delta R.T. -0.000 min  
Lab File: VN086482.D  
Acq: 05 May 2025 13:36

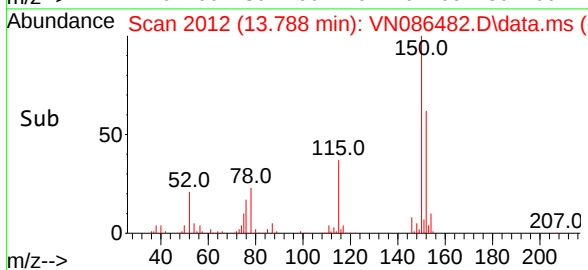
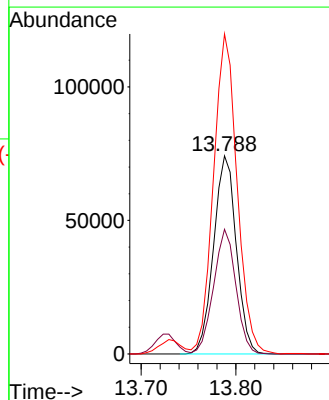
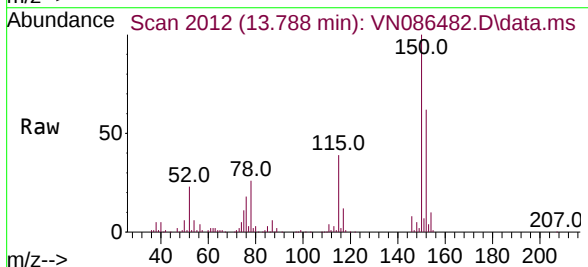
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505WBSD01

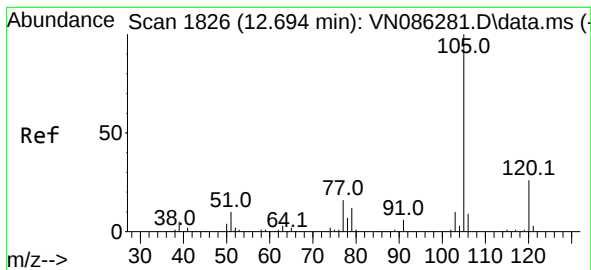
Tgt Ion:173 Resp: 31676  
Ion Ratio Lower Upper  
173 100  
175 46.5 24.6 73.6  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.788 min Scan# 2012  
Delta R.T. -0.000 min  
Lab File: VN086482.D  
Acq: 05 May 2025 13:36

Tgt Ion:152 Resp: 123407  
Ion Ratio Lower Upper  
152 100  
115 61.8 31.9 95.9  
150 167.8 0.0 352.0





#73

Isopropylbenzene

Concen: 19.678 ug/l

RT: 12.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086482.D

Acq: 05 May 2025 13:36

Instrument :

MSVOA\_N

ClientSampleId :

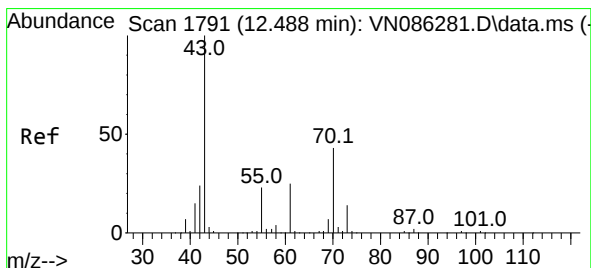
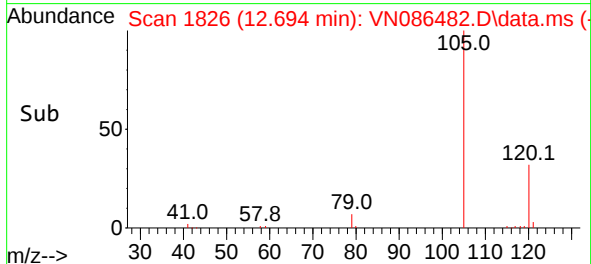
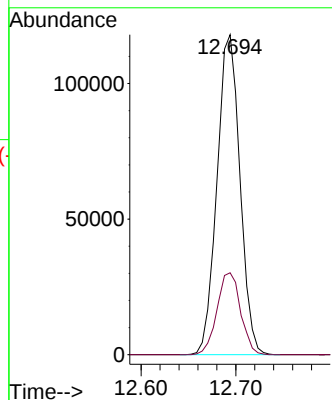
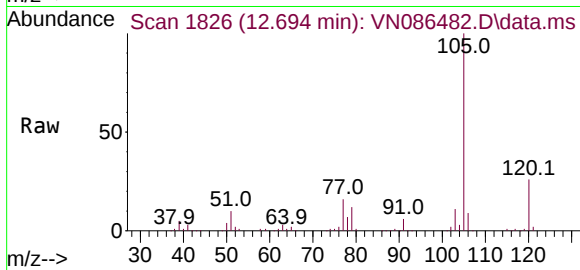
VN0505WBSD01

Tgt Ion:105 Resp: 198652

Ion Ratio Lower Upper

105 100

120 26.3 13.1 39.3



#74

N-ethyl acetate

Concen: 17.693 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VN086482.D

Acq: 05 May 2025 13:36

Tgt Ion: 43 Resp: 88916

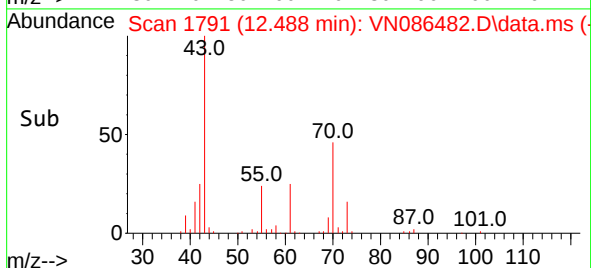
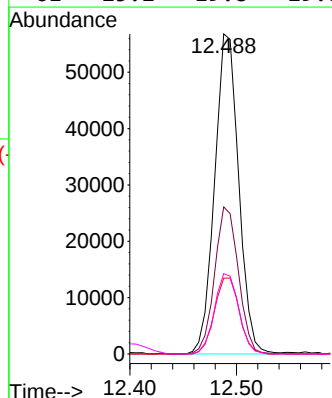
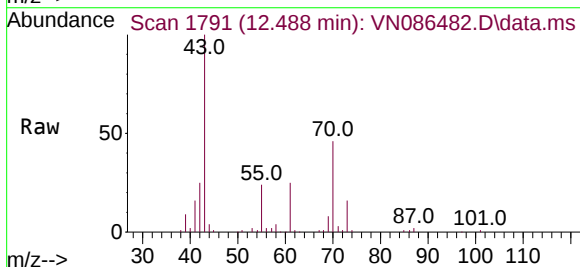
Ion Ratio Lower Upper

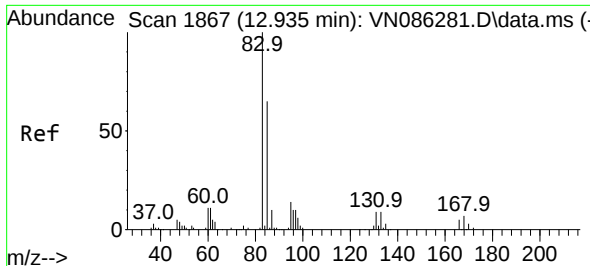
43 100

70 45.4 35.0 52.4

55 24.6 19.0 28.4

61 25.2 19.8 29.8

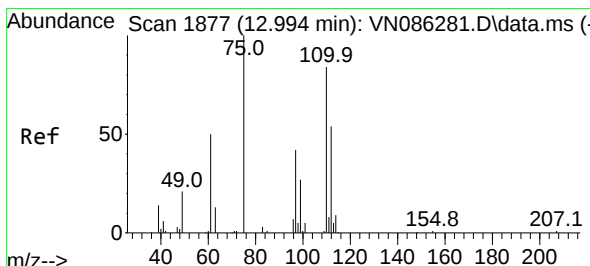
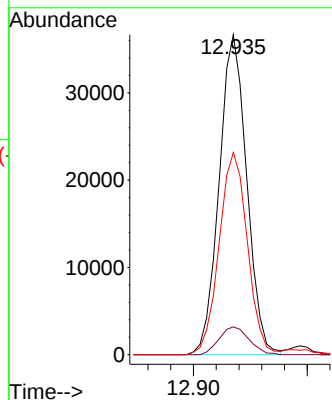
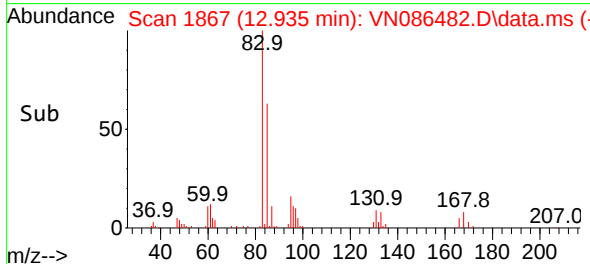
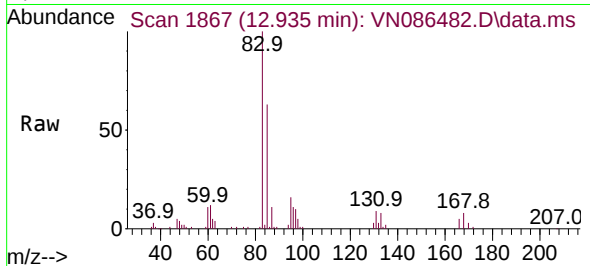




#75  
1,1,2-Tetrachloroethane  
Concen: 21.293 ug/l  
RT: 12.935 min Scan# 1867  
Delta R.T. -0.000 min  
Lab File: VN086482.D  
Acq: 05 May 2025 13:36

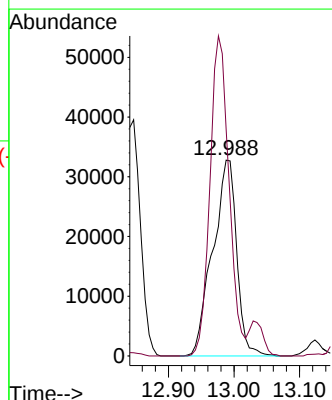
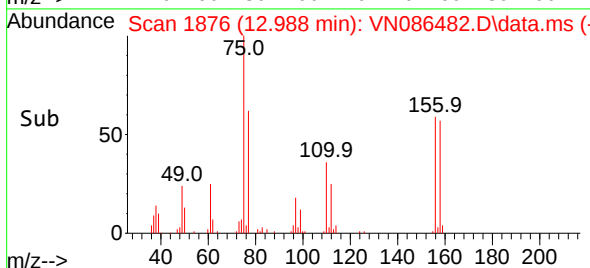
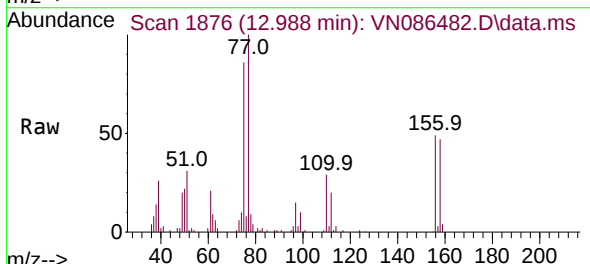
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505WBSD01

Tgt Ion: 83 Resp: 61804  
Ion Ratio Lower Upper  
83 100  
131 9.4 4.7 14.1  
85 64.7 32.7 98.1



#76  
1,2,3-Trichloropropane  
Concen: 28.546 ug/l  
RT: 12.988 min Scan# 1876  
Delta R.T. -0.006 min  
Lab File: VN086482.D  
Acq: 05 May 2025 13:36

Tgt Ion: 75 Resp: 83133  
Ion Ratio Lower Upper  
75 100  
77 130.4 98.8 296.4

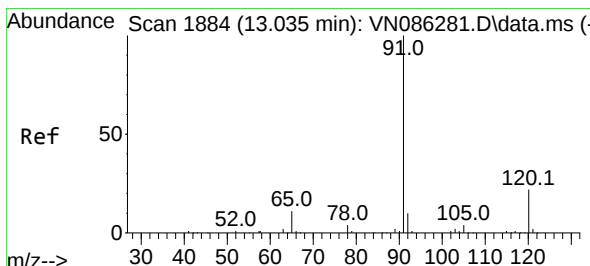
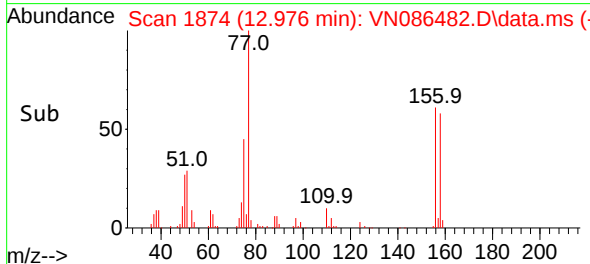
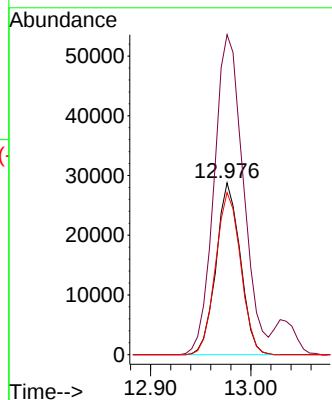
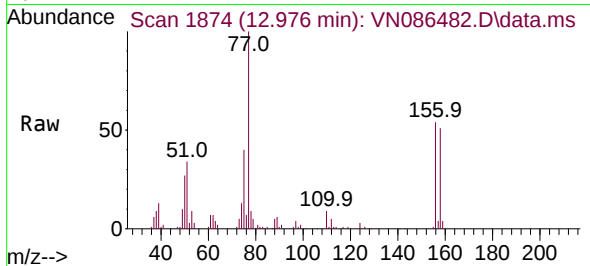




#77  
Bromobenzene  
Concen: 21.611 ug/l  
RT: 12.976 min Scan# 1874  
Delta R.T. -0.000 min  
Lab File: VN086482.D  
Acq: 05 May 2025 13:36

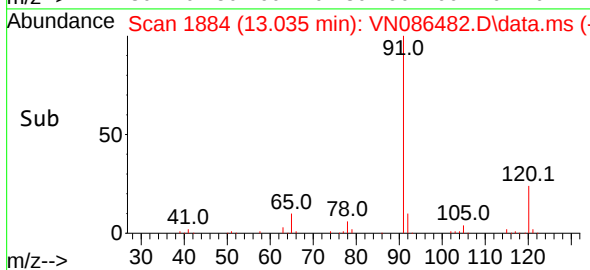
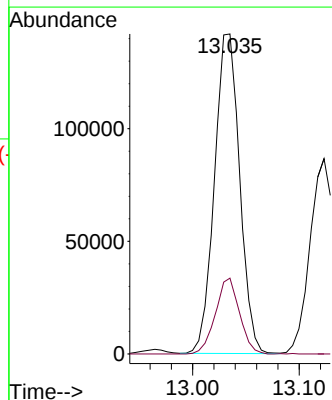
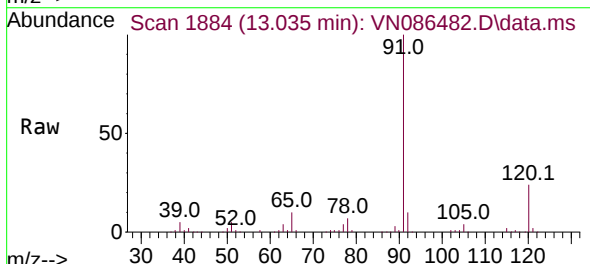
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505WBSD01

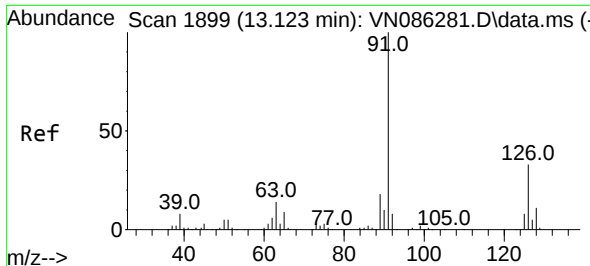
Tgt Ion:156 Resp: 48339  
Ion Ratio Lower Upper  
156 100  
77 224.2 121.1 363.1  
158 97.4 47.9 143.6



#78  
n-propylbenzene  
Concen: 19.596 ug/l  
RT: 13.035 min Scan# 1884  
Delta R.T. -0.000 min  
Lab File: VN086482.D  
Acq: 05 May 2025 13:36

Tgt Ion: 91 Resp: 233101  
Ion Ratio Lower Upper  
91 100  
120 22.6 11.1 33.3

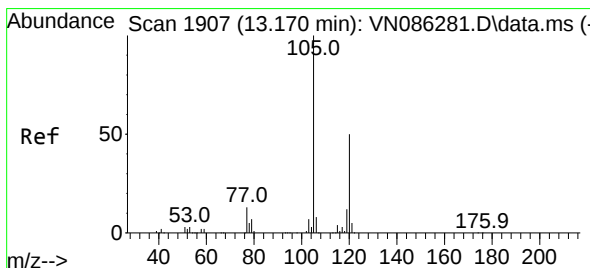
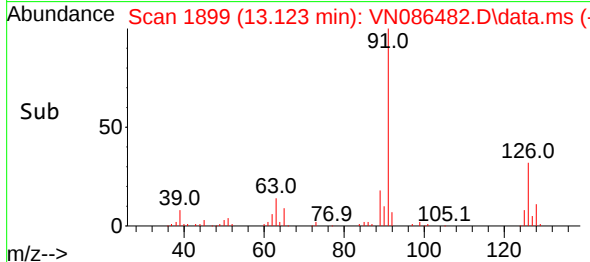
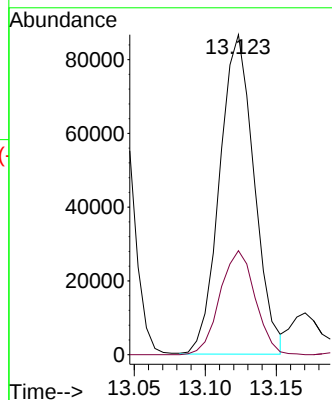
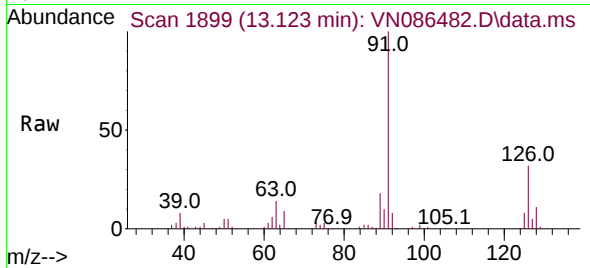




#79  
2-Chlorotoluene  
Concen: 19.707 ug/l  
RT: 13.123 min Scan# 1899  
Delta R.T. -0.000 min  
Lab File: VN086482.D  
Acq: 05 May 2025 13:36

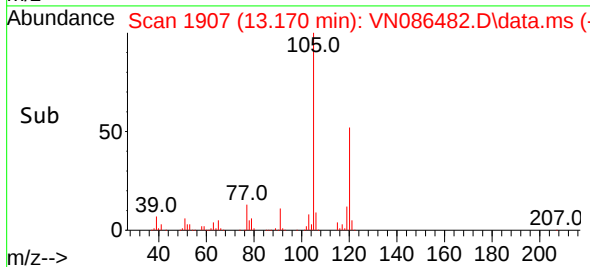
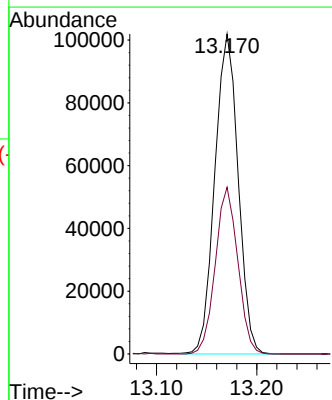
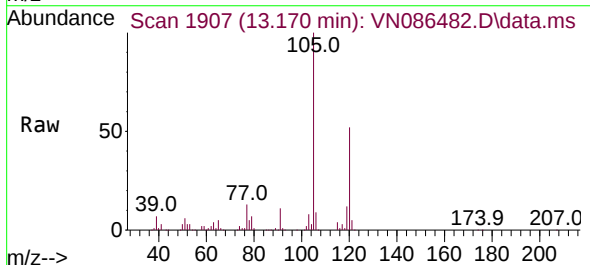
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505WBSD01

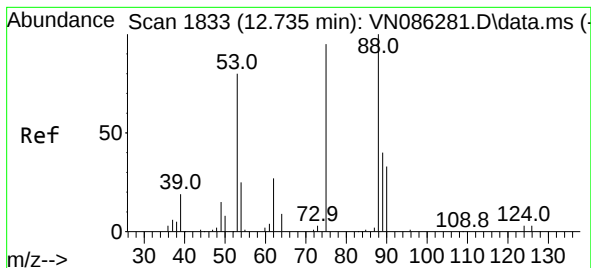
Tgt Ion: 91 Resp: 146693  
Ion Ratio Lower Upper  
91 100  
126 33.1 16.1 48.2



#80  
1,3,5-Trimethylbenzene  
Concen: 19.932 ug/l  
RT: 13.170 min Scan# 1907  
Delta R.T. -0.000 min  
Lab File: VN086482.D  
Acq: 05 May 2025 13:36

Tgt Ion: 105 Resp: 164690  
Ion Ratio Lower Upper  
105 100  
120 50.2 24.5 73.5

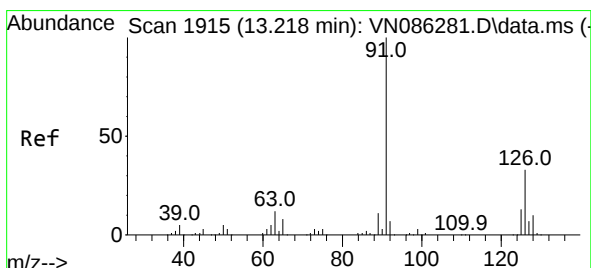
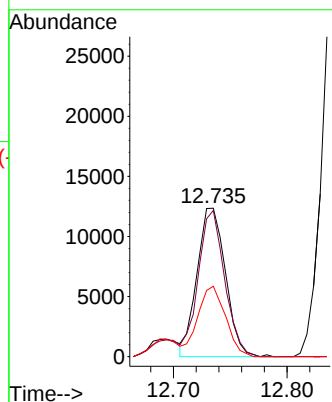
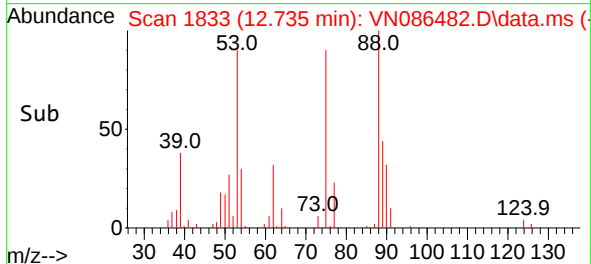
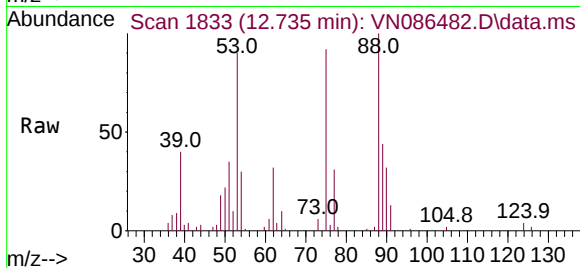




#81  
trans-1,4-Dichloro-2-butene  
Concen: 17.734 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. -0.000 min  
Lab File: VN086482.D  
Acq: 05 May 2025 13:36

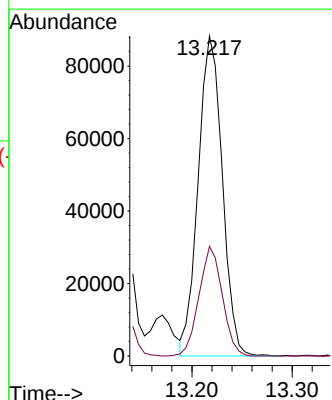
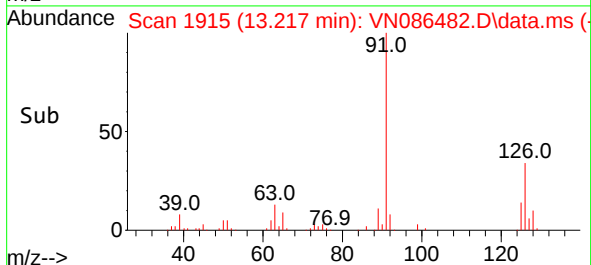
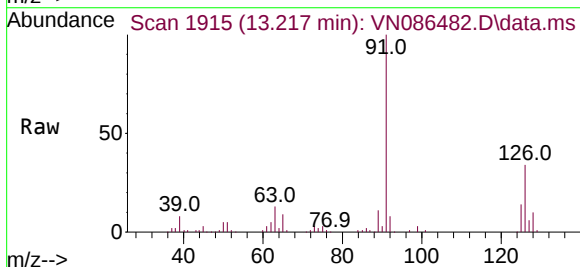
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505WBSD01

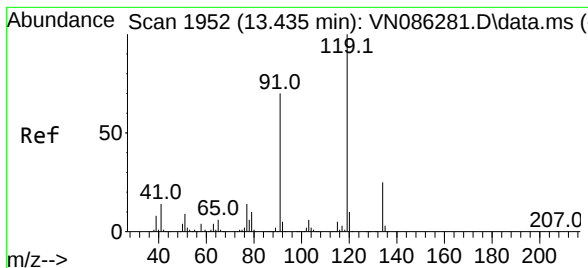
Tgt Ion: 75 Resp: 21504  
Ion Ratio Lower Upper  
75 100  
53 91.9 79.2 118.8  
89 46.6 35.7 53.5



#82  
4-Chlorotoluene  
Concen: 20.002 ug/l  
RT: 13.217 min Scan# 1915  
Delta R.T. -0.000 min  
Lab File: VN086482.D  
Acq: 05 May 2025 13:36

Tgt Ion: 91 Resp: 147900  
Ion Ratio Lower Upper  
91 100  
126 33.1 16.2 48.6





#83

tert-Butylbenzene

Concen: 19.284 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VN086482.D

Acq: 05 May 2025 13:36

Instrument :

MSVOA\_N

ClientSampleId :

VN0505WBSD01

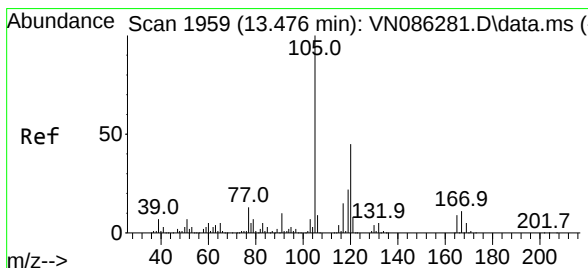
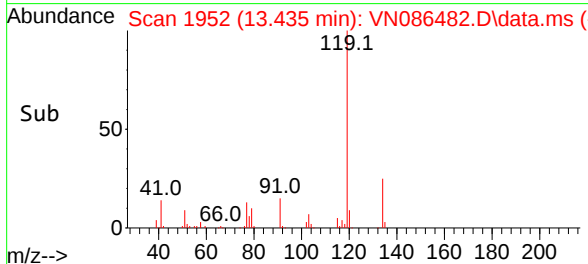
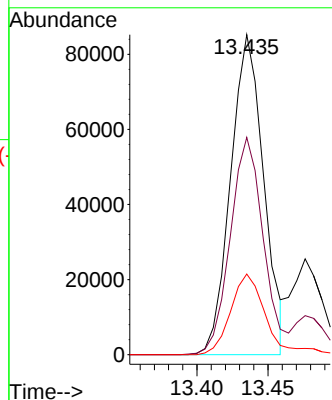
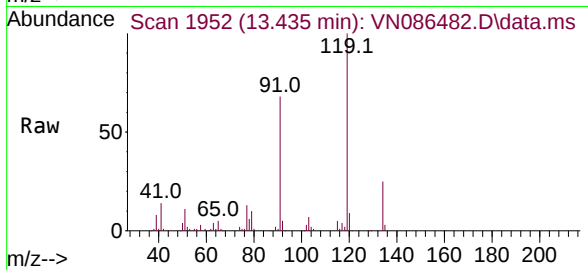
Tgt Ion:119 Resp: 138059

Ion Ratio Lower Upper

119 100

91 68.3 34.4 103.3

134 26.8 13.0 39.0



#84

1,2,4-Trimethylbenzene

Concen: 20.053 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.000 min

Lab File: VN086482.D

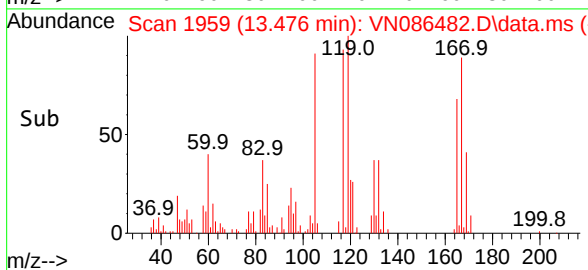
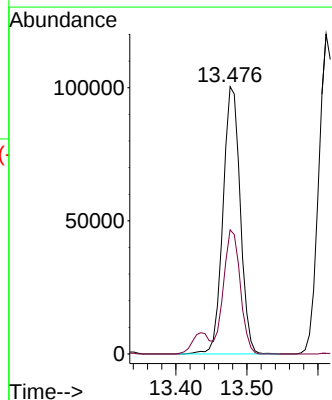
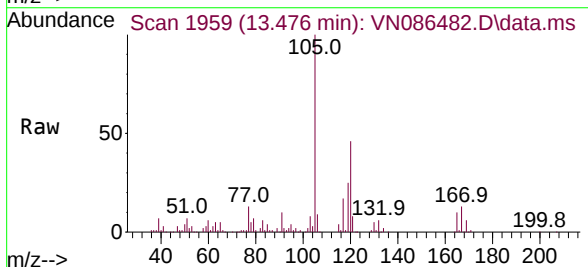
Acq: 05 May 2025 13:36

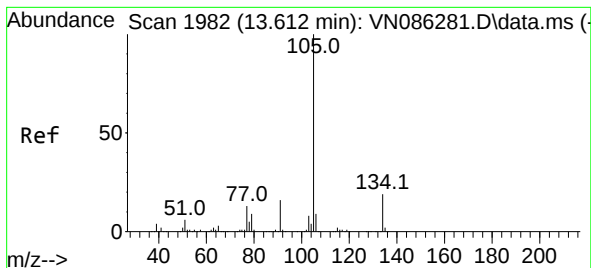
Tgt Ion:105 Resp: 168656

Ion Ratio Lower Upper

105 100

120 45.0 22.4 67.3





#85

sec-Butylbenzene

Concen: 19.751 ug/l

RT: 13.611 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VN086482.D

Acq: 05 May 2025 13:36

Instrument :

MSVOA\_N

ClientSampleId :

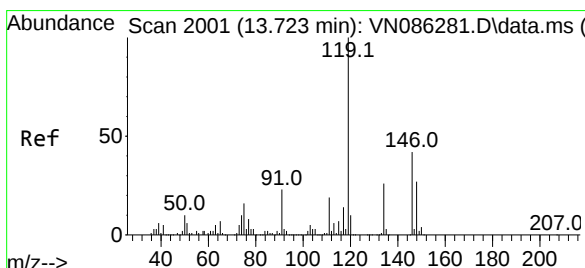
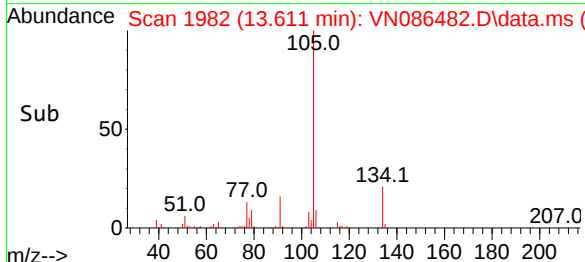
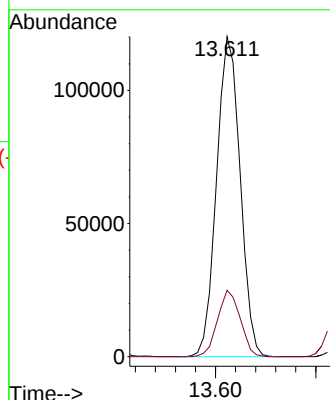
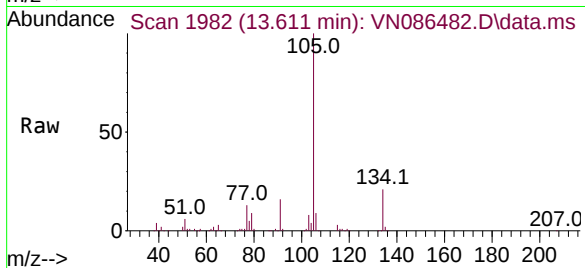
VN0505WBSD01

Tgt Ion:105 Resp: 196131

Ion Ratio Lower Upper

105 100

134 19.9 9.7 29.1



#86

p-Isopropyltoluene

Concen: 19.868 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. -0.000 min

Lab File: VN086482.D

Acq: 05 May 2025 13:36

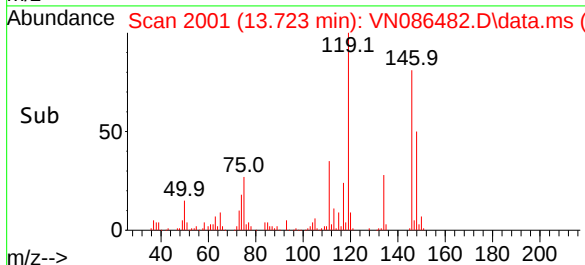
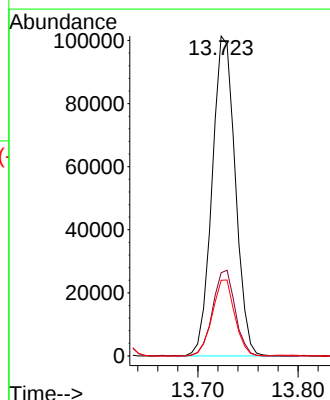
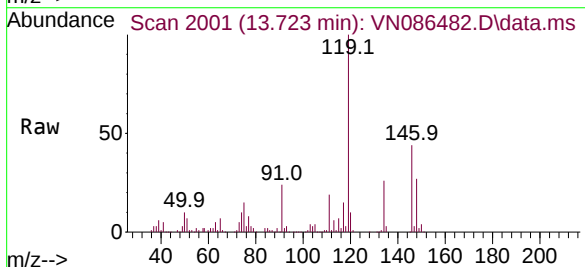
Tgt Ion:119 Resp: 162622

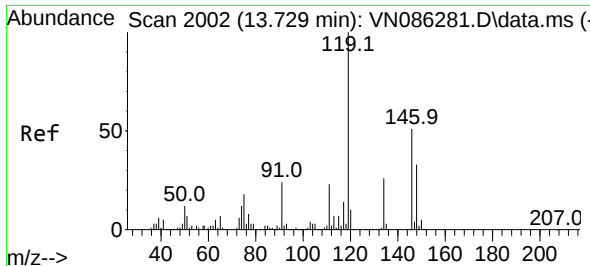
Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.1

91 23.2 11.9 35.9

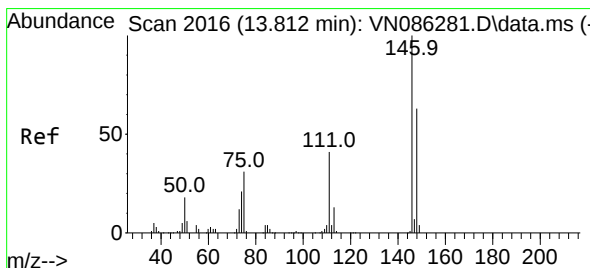
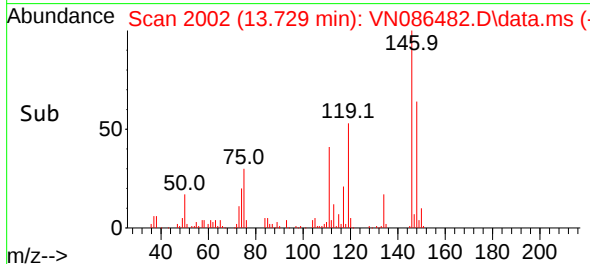
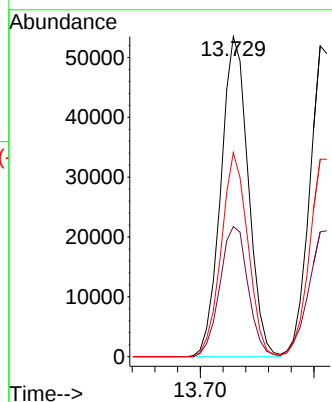
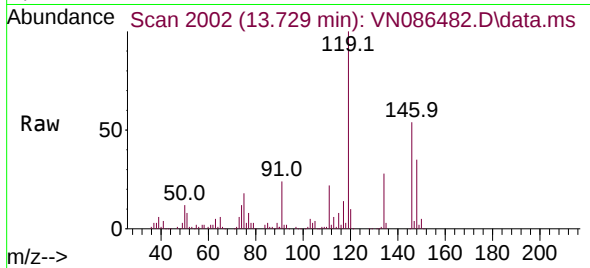




#87  
1,3-Dichlorobenzene  
Concen: 21.293 ug/l  
RT: 13.729 min Scan# 2002  
Delta R.T. -0.000 min  
Lab File: VN086482.D  
Acq: 05 May 2025 13:36

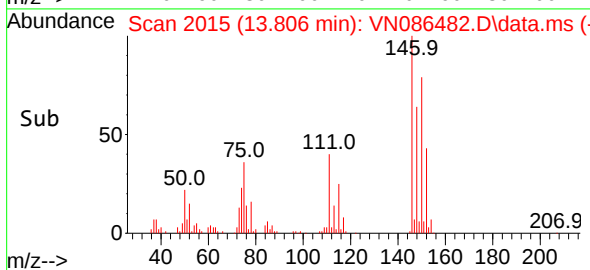
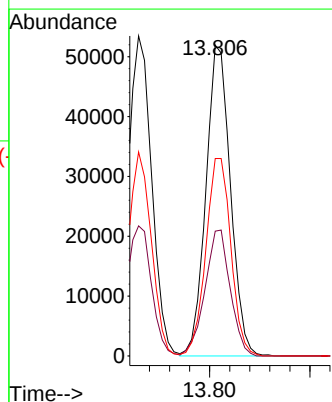
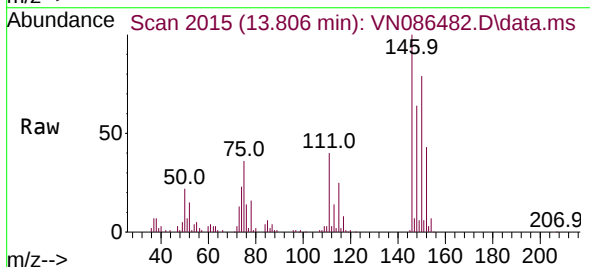
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505WBSD01

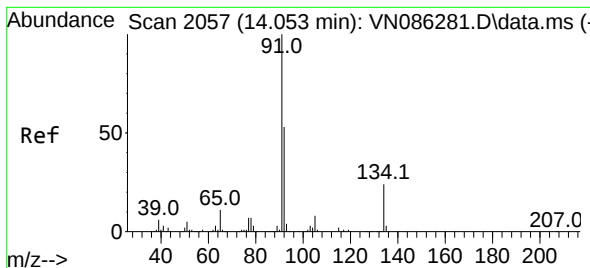
Tgt Ion:146 Resp: 89534  
Ion Ratio Lower Upper  
146 100  
111 41.9 21.9 65.7  
148 62.0 31.9 95.5



#88  
1,4-Dichlorobenzene  
Concen: 20.863 ug/l  
RT: 13.806 min Scan# 2015  
Delta R.T. -0.006 min  
Lab File: VN086482.D  
Acq: 05 May 2025 13:36

Tgt Ion:146 Resp: 88358  
Ion Ratio Lower Upper  
146 100  
111 41.7 21.3 63.9  
148 64.9 31.9 95.9





#89

n-Butylbenzene

Concen: 19.096 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN086482.D

Acq: 05 May 2025 13:36

Instrument :

MSVOA\_N

ClientSampleId :

VN0505WBSD01

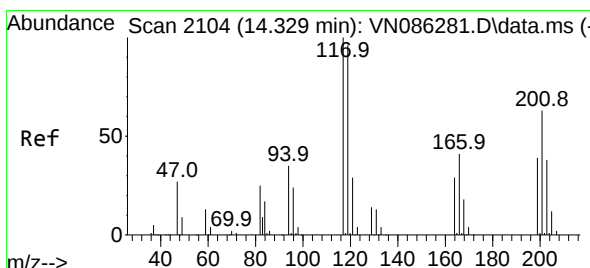
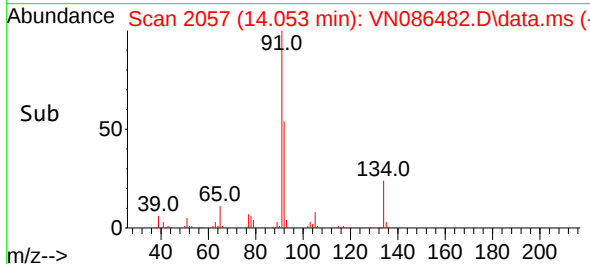
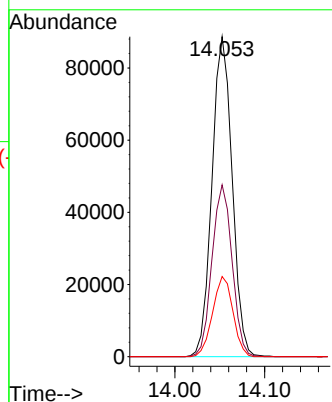
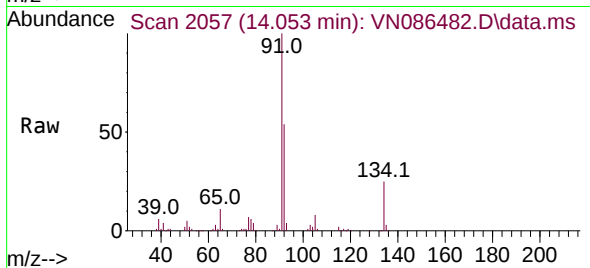
Tgt Ion: 91 Resp: 138542

Ion Ratio Lower Upper

91 100

92 53.4 26.8 80.4

134 25.2 12.2 36.6



#90

Hexachloroethane

Concen: 19.140 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.000 min

Lab File: VN086482.D

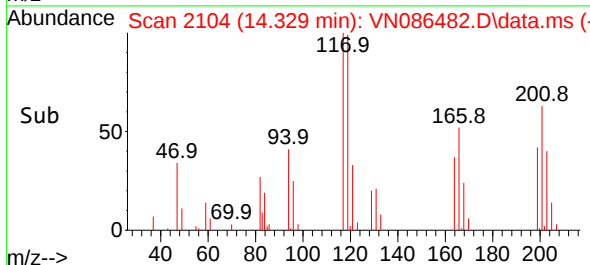
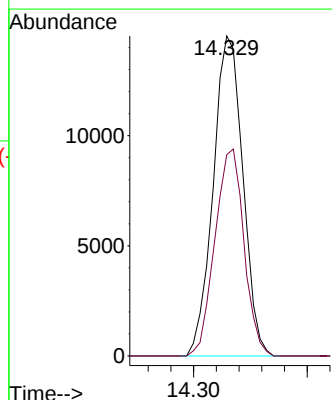
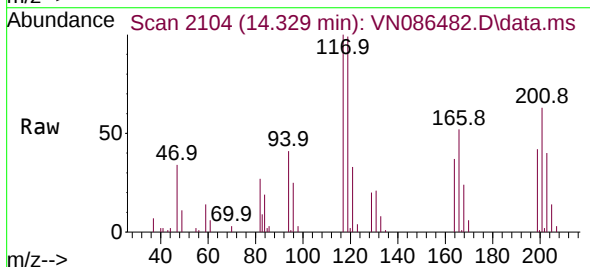
Acq: 05 May 2025 13:36

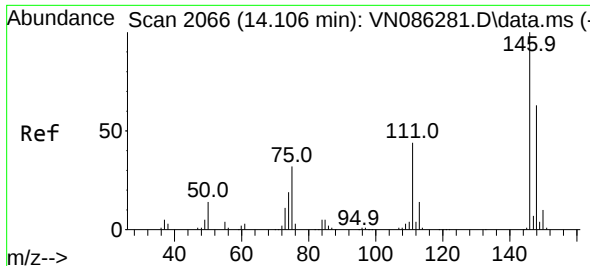
Tgt Ion: 117 Resp: 26351

Ion Ratio Lower Upper

117 100

201 63.2 31.4 94.2

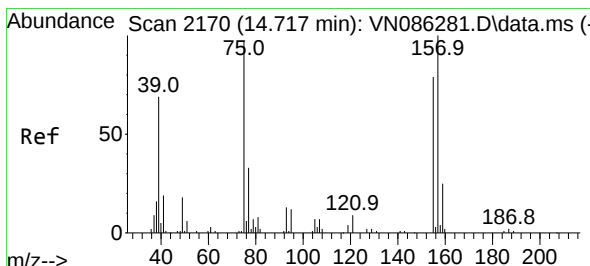
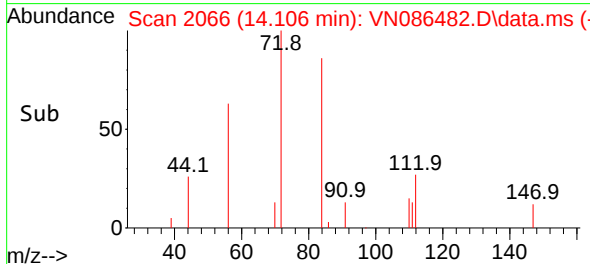
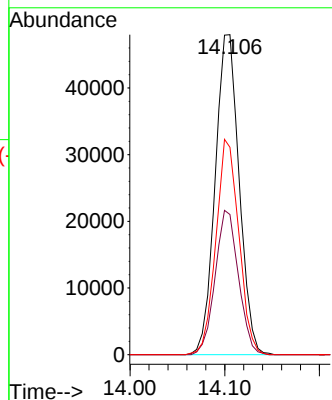
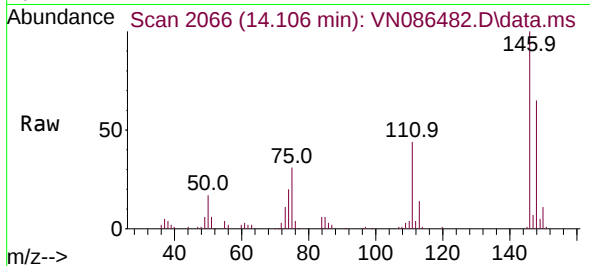




#91  
1,2-Dichlorobenzene  
Concen: 20.738 ug/l  
RT: 14.106 min Scan# 2066  
Delta R.T. -0.000 min  
Lab File: VN086482.D  
Acq: 05 May 2025 13:36

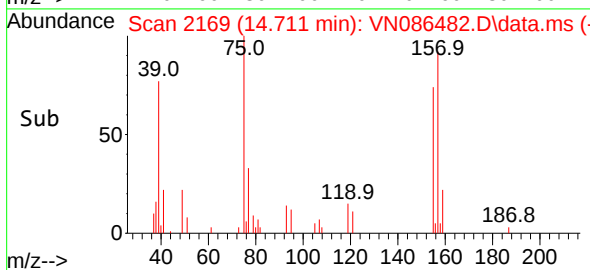
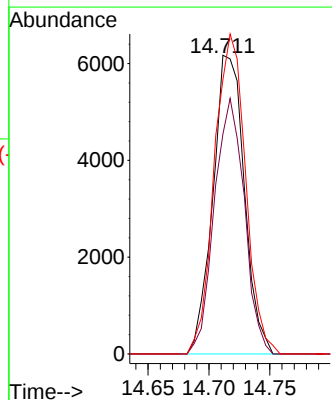
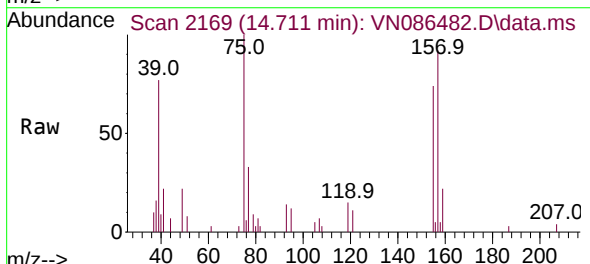
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505WBSD01

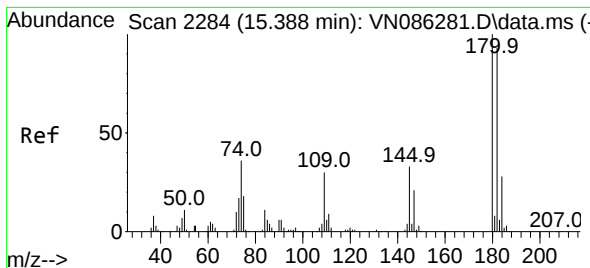
Tgt Ion:146 Resp: 84540  
Ion Ratio Lower Upper  
146 100  
111 43.8 22.4 67.0  
148 64.4 31.8 95.4



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 18.916 ug/l  
RT: 14.711 min Scan# 2169  
Delta R.T. -0.006 min  
Lab File: VN086482.D  
Acq: 05 May 2025 13:36

Tgt Ion: 75 Resp: 11071  
Ion Ratio Lower Upper  
75 100  
155 81.4 40.3 120.9  
157 106.2 49.0 147.2





#93

1,2,4-Trichlorobenzene

Concen: 19.520 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN086482.D

Acq: 05 May 2025 13:36

Instrument :

MSVOA\_N

ClientSampleId :

VN0505WBSD01

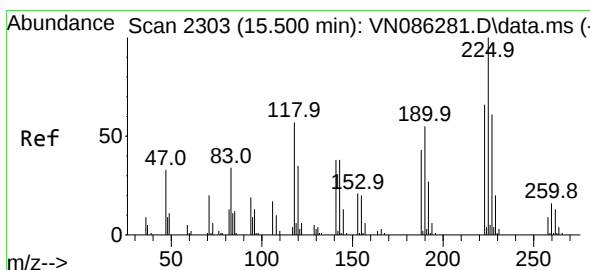
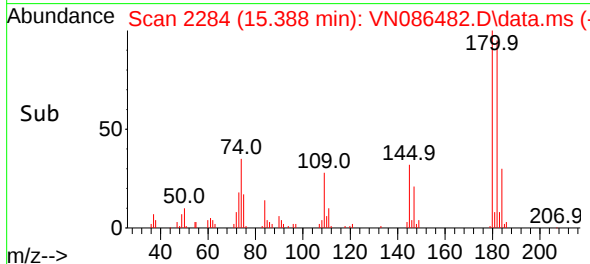
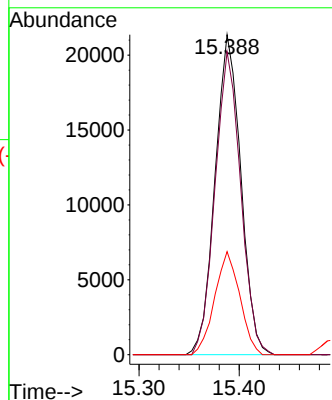
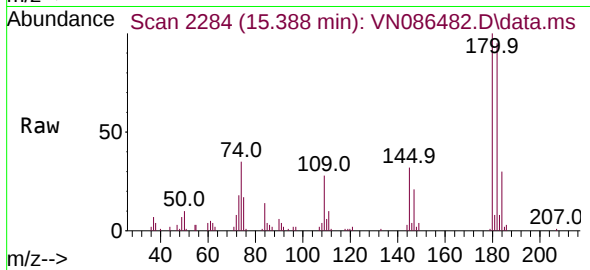
Tgt Ion:180 Resp: 38104

Ion Ratio Lower Upper

180 100

182 94.1 47.0 141.0

145 31.4 16.4 49.1



#94

Hexachlorobutadiene

Concen: 19.923 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. -0.006 min

Lab File: VN086482.D

Acq: 05 May 2025 13:36

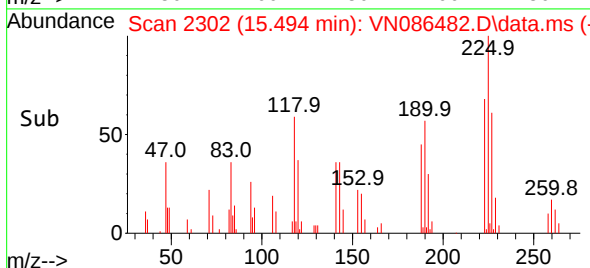
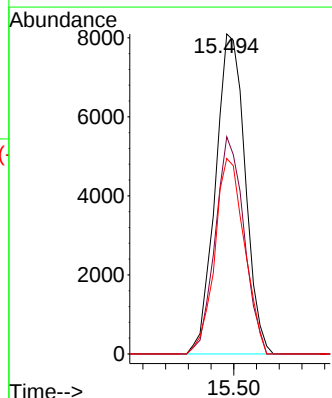
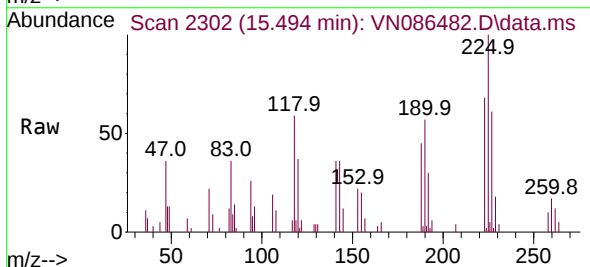
Tgt Ion:225 Resp: 14681

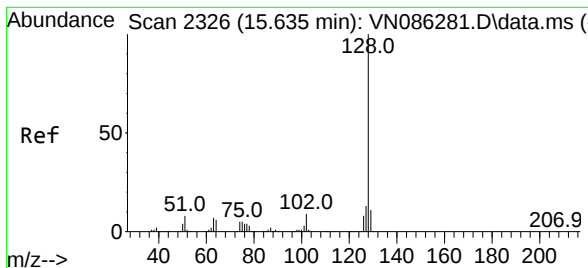
Ion Ratio Lower Upper

225 100

223 65.8 32.8 98.3

227 61.2 31.4 94.0





#95

Naphthalene

Concen: 18.879 ug/l

RT: 15.635 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN086482.D

Acq: 05 May 2025 13:36

Instrument :

MSVOA\_N

ClientSampleId :

VN0505WBSD01

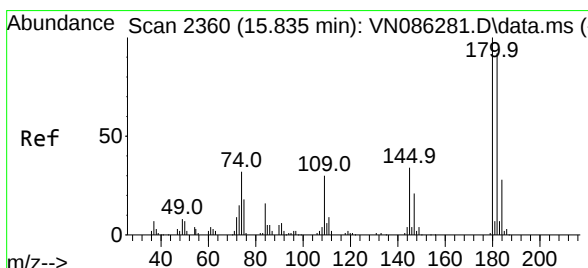
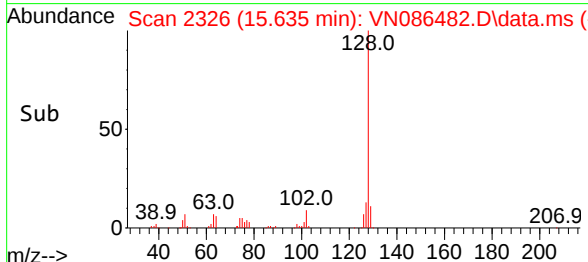
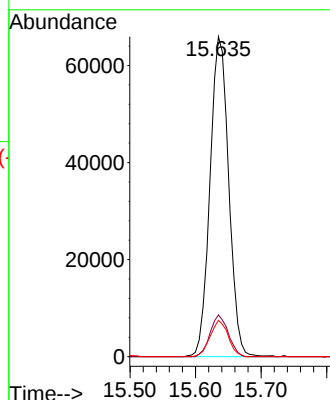
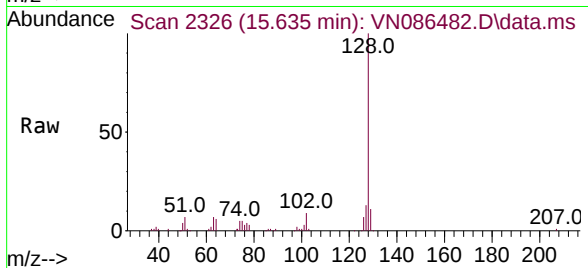
Tgt Ion:128 Resp: 130638

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.628 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN086482.D

Acq: 05 May 2025 13:36

Tgt Ion:180 Resp: 36275

Ion Ratio Lower Upper

180 100

182 95.1 47.3 142.0

145 33.1 17.2 51.5

