

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN081524\  
 Data File : VN083324.D  
 Acq On : 15 Aug 2024 12:22  
 Operator : JC\MD  
 Sample : VN0815WBSD01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0815WBSD01

Quant Time: Aug 16 01:48:46 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N080724W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Aug 08 06:30:41 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.224  | 168  | 150560   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.100  | 114  | 260289   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 228555   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 106709   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.577  | 65    | 120241   | 56.107   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 112.220% |      |
| 35) Dibromofluoromethane    | 8.171  | 113   | 84921    | 52.270   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 104.540% |      |
| 50) Toluene-d8              | 10.565 | 98    | 316463   | 52.218   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 104.440% |      |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 121132   | 51.269   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | = 102.540% |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.124 | 85  | 32154  | 18.833  | ug/l   | 98  |
| 3) Chloromethane             | 2.365 | 50  | 34929  | 19.982  | ug/l   | 98  |
| 4) Vinyl Chloride            | 2.512 | 62  | 36532  | 20.482  | ug/l   | 100 |
| 5) Bromomethane              | 2.953 | 94  | 22174  | 20.035  | ug/l   | 93  |
| 6) Chloroethane              | 3.124 | 64  | 23385  | 20.956  | ug/l   | 90  |
| 7) Trichlorofluoromethane    | 3.495 | 101 | 60518  | 20.539  | ug/l   | 98  |
| 8) Diethyl Ether             | 3.959 | 74  | 22298  | 20.337  | ug/l   | 86  |
| 9) 1,1,2-Trichlorotrifluo... | 4.371 | 101 | 34104  | 20.993  | ug/l   | 100 |
| 10) Methyl Iodide            | 4.589 | 142 | 35271  | 16.505  | ug/l # | 89  |
| 11) Tert butyl alcohol       | 5.524 | 59  | 41886  | 94.048  | ug/l # | 82  |
| 12) 1,1-Dichloroethene       | 4.336 | 96  | 32132  | 19.252  | ug/l   | 87  |
| 13) Acrolein                 | 4.189 | 56  | 24041  | 82.824  | ug/l   | 99  |
| 14) Allyl chloride           | 5.018 | 41  | 60351  | 19.135  | ug/l   | 89  |
| 15) Acrylonitrile            | 5.718 | 53  | 99689  | 108.836 | ug/l   | 99  |
| 16) Acetone                  | 4.436 | 43  | 88373  | 105.385 | ug/l   | 98  |
| 17) Carbon Disulfide         | 4.712 | 76  | 79303  | 16.239  | ug/l   | 99  |
| 18) Methyl Acetate           | 5.024 | 43  | 57000  | 22.814  | ug/l   | 94  |
| 19) Methyl tert-butyl Ether  | 5.794 | 73  | 126432 | 20.987  | ug/l   | 98  |
| 20) Methylene Chloride       | 5.271 | 84  | 38349  | 19.871  | ug/l # | 82  |
| 21) trans-1,2-Dichloroethene | 5.789 | 96  | 32938  | 19.095  | ug/l   | 93  |
| 22) Diisopropyl ether        | 6.671 | 45  | 126208 | 21.288  | ug/l # | 97  |
| 23) Vinyl Acetate            | 6.606 | 43  | 690749 | 113.672 | ug/l # | 95  |
| 24) 1,1-Dichloroethane       | 6.571 | 63  | 69218  | 21.420  | ug/l   | 99  |
| 25) 2-Butanone               | 7.483 | 43  | 137864 | 107.071 | ug/l   | 95  |
| 26) 2,2-Dichloropropane      | 7.494 | 77  | 60820  | 20.266  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 7.488 | 96  | 41531  | 19.952  | ug/l   | 94  |
| 28) Bromochloromethane       | 7.818 | 49  | 31264  | 23.674  | ug/l   | 90  |
| 29) Tetrahydrofuran          | 7.841 | 42  | 89996  | 108.123 | ug/l   | 88  |
| 30) Chloroform               | 7.971 | 83  | 74379  | 22.155  | ug/l   | 97  |
| 31) Cyclohexane              | 8.259 | 56  | 58379  | 18.382  | ug/l   | 96  |
| 32) 1,1,1-Trichloroethane    | 8.171 | 97  | 65499  | 20.611  | ug/l   | 94  |
| 36) 1,1-Dichloropropene      | 8.371 | 75  | 49021  | 19.946  | ug/l   | 100 |
| 37) Ethyl Acetate            | 7.565 | 43  | 57731  | 20.980  | ug/l   | 97  |
| 38) Carbon Tetrachloride     | 8.365 | 117 | 56147  | 20.283  | ug/l   | 96  |
| 39) Methylcyclohexane        | 9.600 | 83  | 57396  | 19.014  | ug/l   | 91  |
| 40) Benzene                  | 8.606 | 78  | 151093 | 20.637  | ug/l   | 100 |

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 Sample : VN0815WBSD01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0815WBSD01

Quant Time: Aug 16 01:48:46 2024  
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 Quant Title : SW846 8260  
 QLast Update : Thu Aug 08 06:30:41 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.777  | 41   | 31450    | 20.101  | ug/l   | 95       |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 60126    | 22.544  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.688  | 43   | 99288    | 19.406  | ug/l # | 96       |
| 44) Trichloroethene           | 9.353  | 130  | 36232    | 20.791  | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.618  | 63   | 37923    | 21.821  | ug/l   | 95       |
| 46) Dibromomethane            | 9.706  | 93   | 27038    | 21.736  | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.888  | 83   | 58822    | 21.060  | ug/l   | 96       |
| 48) Methyl methacrylate       | 9.682  | 41   | 46185    | 20.301  | ug/l   | 93       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 18156    | 442.359 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 285823   | 109.840 | ug/l   | 94       |
| 52) Toluene                   | 10.629 | 92   | 95251    | 20.590  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 58368    | 20.344  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 61662    | 20.206  | ug/l   | 92       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 38603    | 23.285  | ug/l   | 94       |
| 56) Ethyl methacrylate        | 10.876 | 69   | 63796    | 20.413  | ug/l   | 90       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 66274    | 22.428  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.165 | 63   | 119707   | 90.614  | ug/l   | 96       |
| 59) 2-Hexanone                | 11.194 | 43   | 211929   | 105.273 | ug/l   | 91       |
| 60) Dibromochloromethane      | 11.359 | 129  | 43536    | 21.721  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 37243    | 21.385  | ug/l   | 96       |
| 64) Tetrachloroethene         | 11.106 | 164  | 30201    | 19.952  | ug/l   | 95       |
| 65) Chlorobenzene             | 11.894 | 112  | 104453   | 20.681  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 37540    | 21.074  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.965 | 91   | 187759   | 20.264  | ug/l   | 99       |
| 68) m/p-Xylenes               | 12.071 | 106  | 141607   | 40.800  | ug/l   | 98       |
| 69) o-Xylene                  | 12.400 | 106  | 68929    | 20.136  | ug/l   | 99       |
| 70) Styrene                   | 12.412 | 104  | 119622   | 20.806  | ug/l   | 99       |
| 71) Bromoform                 | 12.576 | 173  | 27306    | 20.235  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.694 | 105  | 179776   | 20.142  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.494 | 43   | 81763    | 18.728  | ug/l   | 94       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 53857    | 21.335  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 73054    | 31.193  | ug/l   | 45       |
| 77) Bromobenzene              | 12.976 | 156  | 40618    | 20.486  | ug/l   | 93       |
| 78) n-propylbenzene           | 13.035 | 91   | 209058   | 20.341  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 132307   | 20.305  | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 152957   | 20.470  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.741 | 75   | 18211    | 16.914  | ug/l   | 99       |
| 82) 4-Chlorotoluene           | 13.223 | 91   | 134932   | 20.645  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 132666   | 20.048  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 153444   | 20.376  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.617 | 105  | 182895   | 20.255  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 152909   | 20.509  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 75929    | 20.352  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 76721    | 20.398  | ug/l   | 98       |
| 89) n-Butylbenzene            | 14.059 | 91   | 129459   | 20.040  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.335 | 117  | 27086    | 18.805  | ug/l   | 92       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 73599    | 20.386  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 11933    | 19.480  | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 40399    | 19.974  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.506 | 225  | 17063    | 18.970  | ug/l   | 99       |
| 95) Naphthalene               | 15.641 | 128  | 140027   | 19.545  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 39355    | 19.665  | ug/l   | 96       |

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Sample : VN0815WBSD01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
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Quant Title : SW846 8260  
QLast Update : Thu Aug 08 06:30:41 2024  
Response via : Initial Calibration

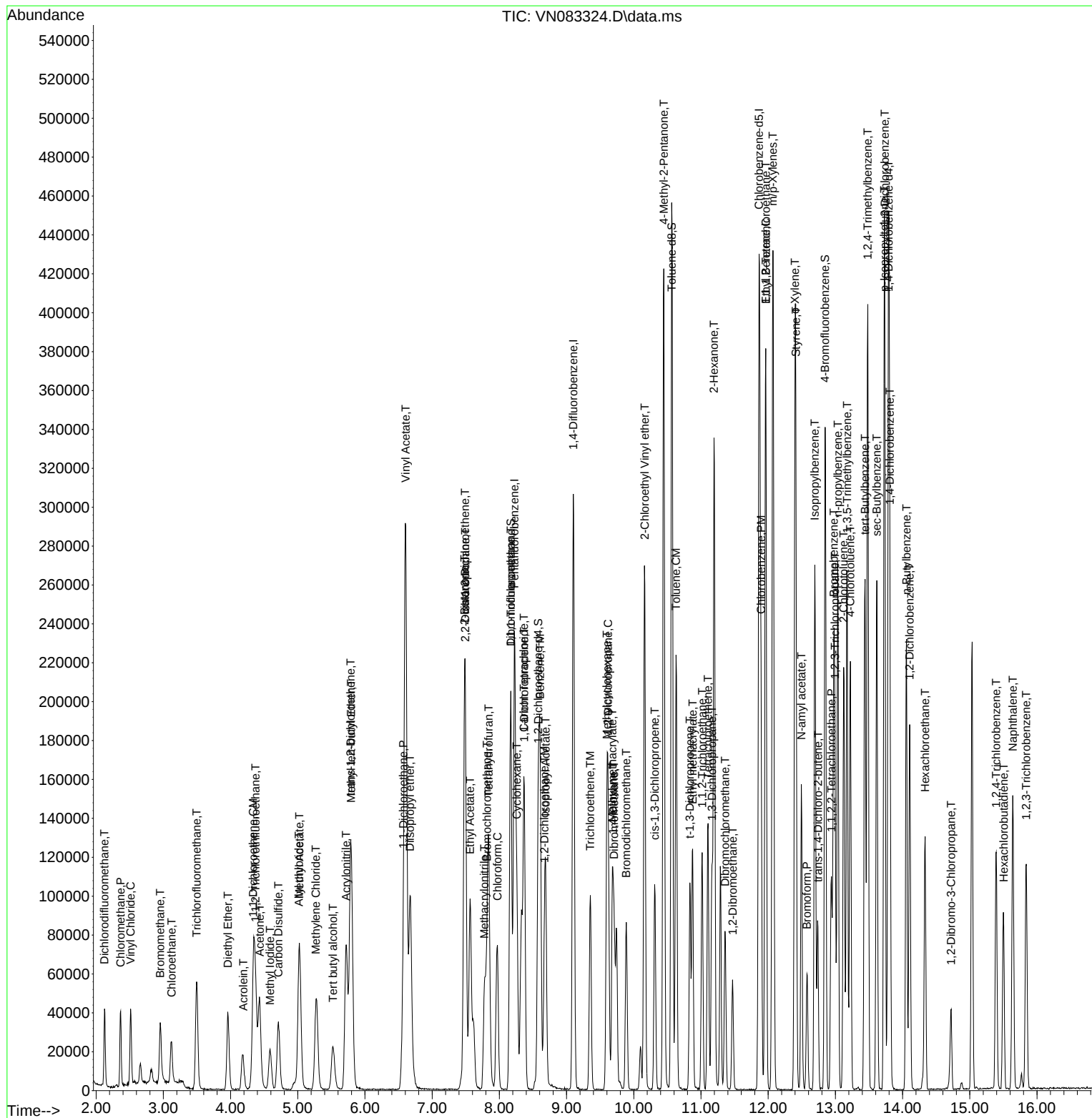
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

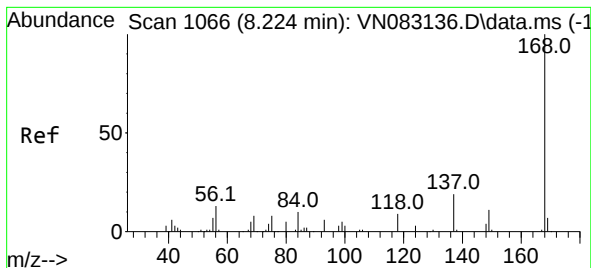
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Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
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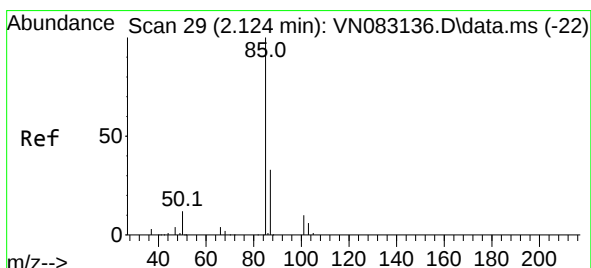
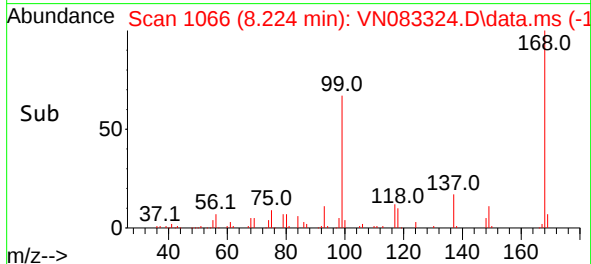
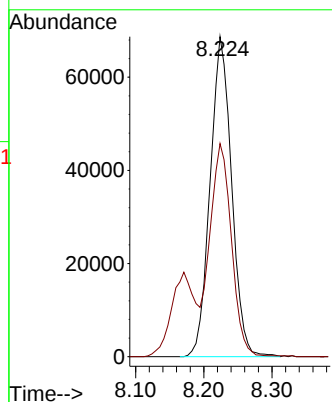
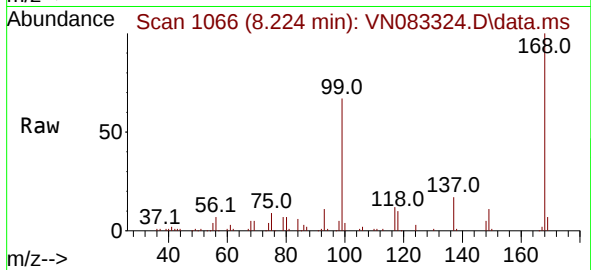




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

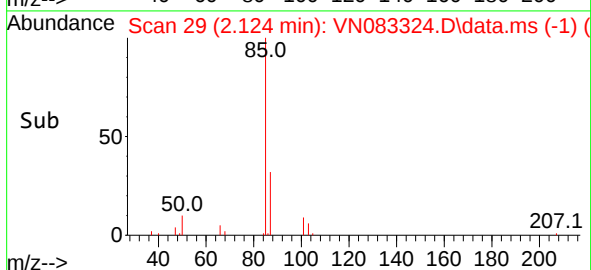
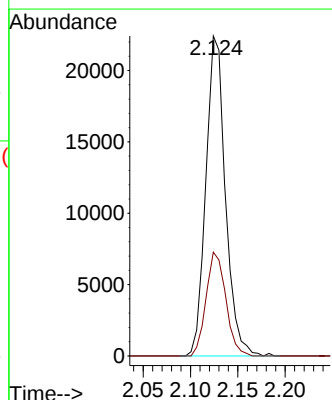
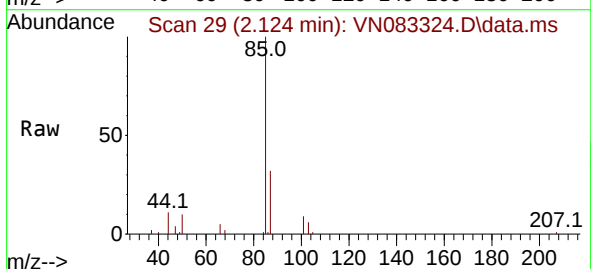
Instrument :  
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ClientSampleId :  
VN0815WBSD01

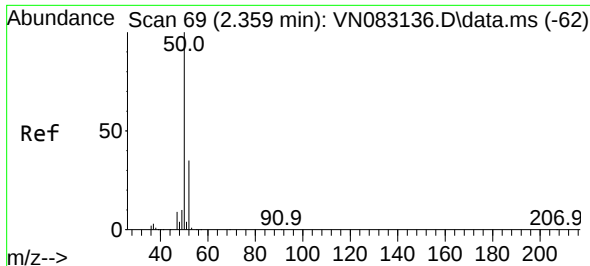
Tgt Ion:168 Resp: 150560  
Ion Ratio Lower Upper  
168 100  
99 66.3 48.2 72.4



#2  
Dichlorodifluoromethane  
Concen: 18.833 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. 0.000 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

Tgt Ion: 85 Resp: 32154  
Ion Ratio Lower Upper  
85 100  
87 32.4 15.7 47.0

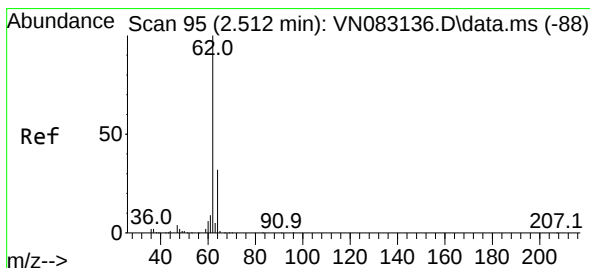
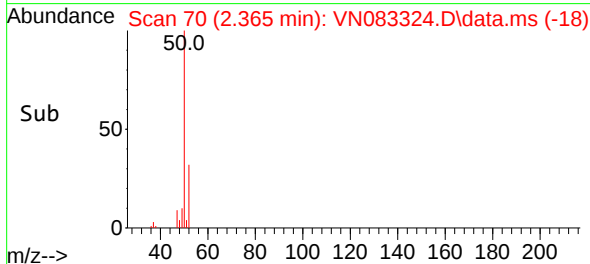
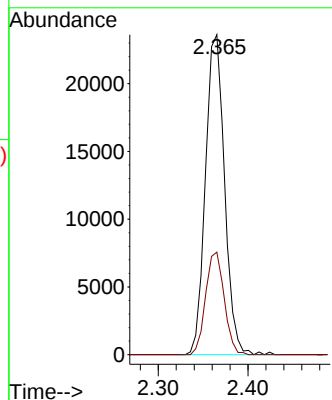
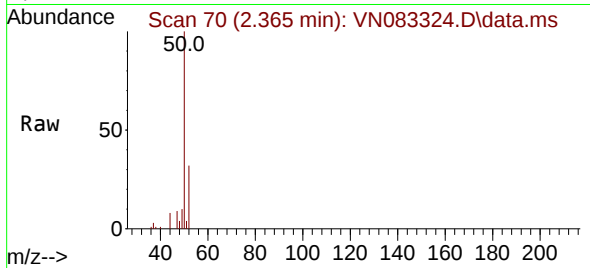




#3  
Chloromethane  
Concen: 19.982 ug/l  
RT: 2.365 min Scan# 70  
Delta R.T. 0.006 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

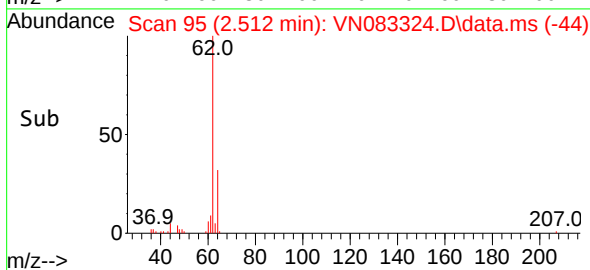
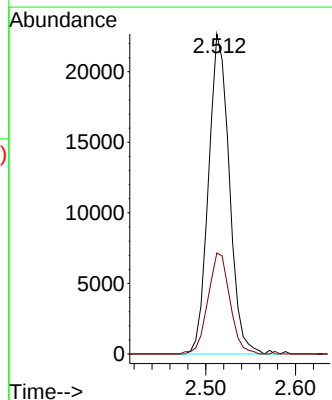
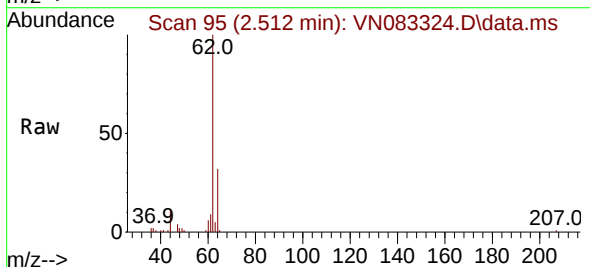
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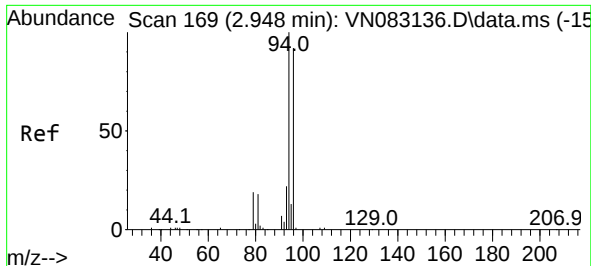
Tgt Ion: 50 Resp: 34929  
Ion Ratio Lower Upper  
50 100  
52 32.0 25.0 37.4



#4  
Vinyl Chloride  
Concen: 20.482 ug/l  
RT: 2.512 min Scan# 95  
Delta R.T. 0.000 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

Tgt Ion: 62 Resp: 36532  
Ion Ratio Lower Upper  
62 100  
64 31.6 25.0 37.6

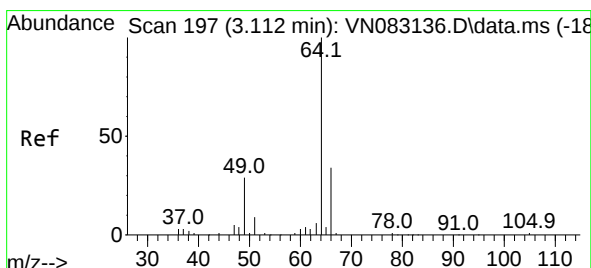
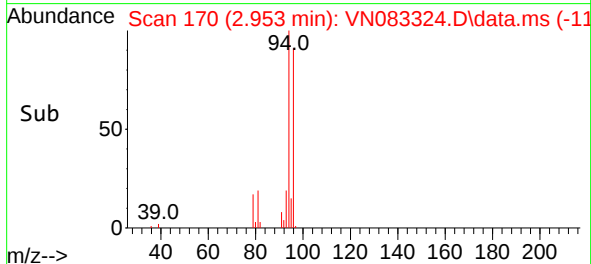
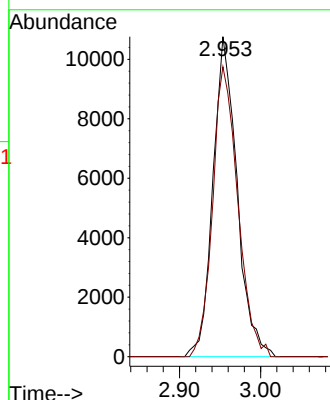
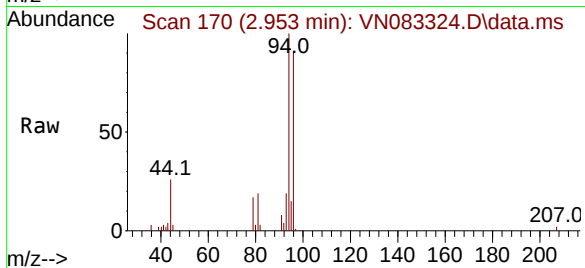




#5  
Bromomethane  
Concen: 20.035 ug/l  
RT: 2.953 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

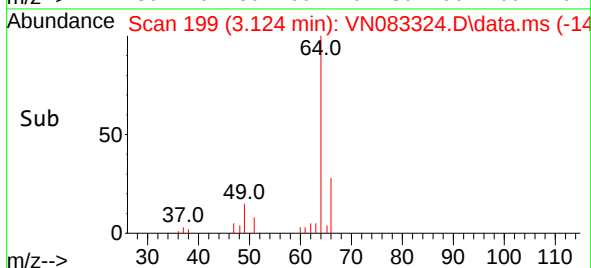
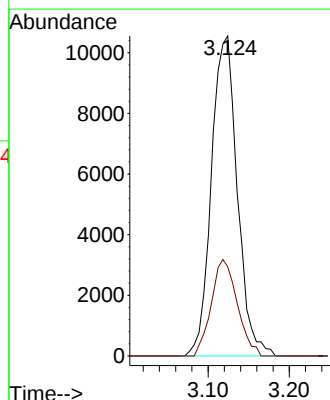
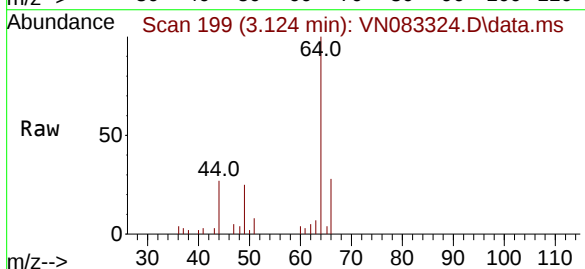
Instrument :  
MSVOA\_N  
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VN0815WBSD01

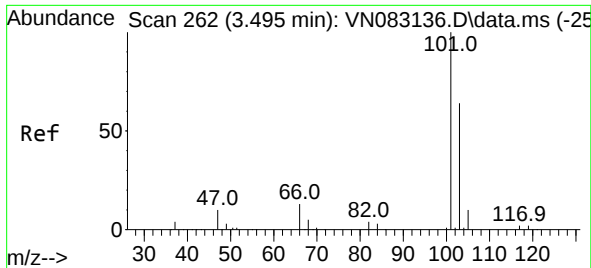
Tgt Ion: 94 Resp: 22174  
Ion Ratio Lower Upper  
94 100  
96 90.6 78.0 117.0



#6  
Chloroethane  
Concen: 20.956 ug/l  
RT: 3.124 min Scan# 199  
Delta R.T. 0.012 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

Tgt Ion: 64 Resp: 23385  
Ion Ratio Lower Upper  
64 100  
66 27.9 26.6 40.0

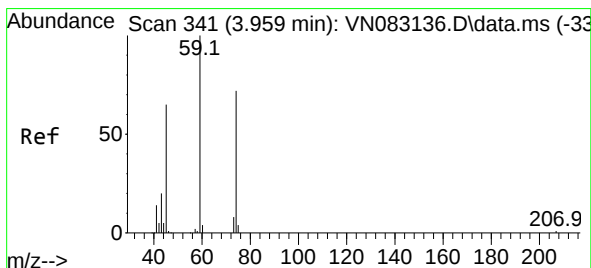
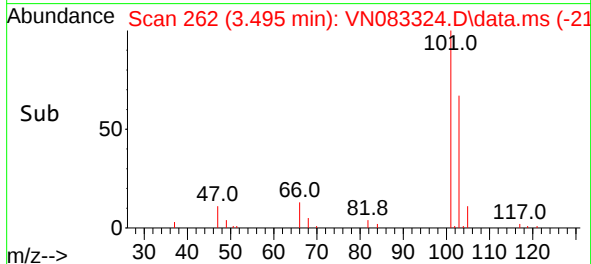
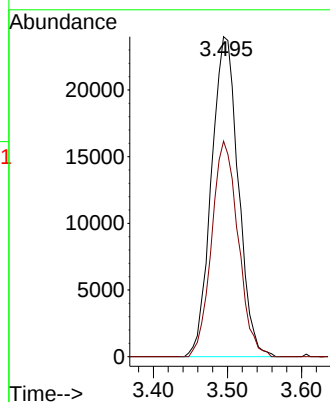
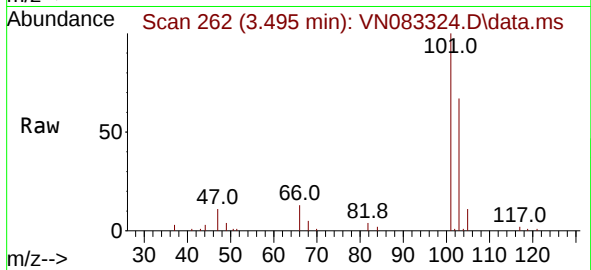




#7  
Trichlorofluoromethane  
Concen: 20.539 ug/l  
RT: 3.495 min Scan# 262  
Delta R.T. -0.000 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

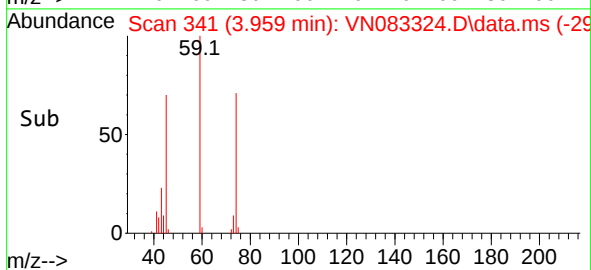
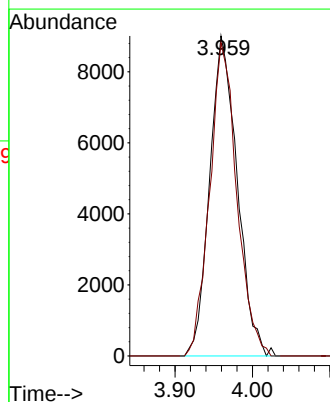
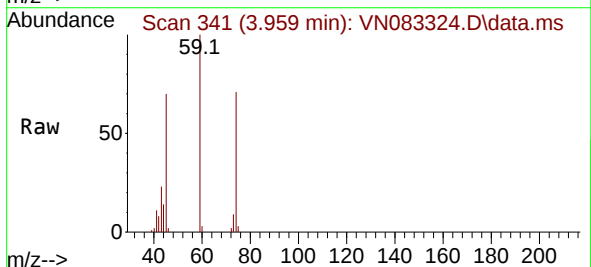
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0815WBSD01

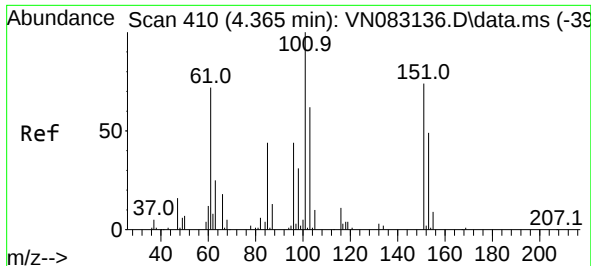
Tgt Ion:101 Resp: 60518  
Ion Ratio Lower Upper  
101 100  
103 67.3 52.7 79.1



#8  
Diethyl Ether  
Concen: 20.337 ug/l  
RT: 3.959 min Scan# 341  
Delta R.T. 0.000 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

Tgt Ion: 74 Resp: 22298  
Ion Ratio Lower Upper  
74 100  
45 96.2 55.5 166.3

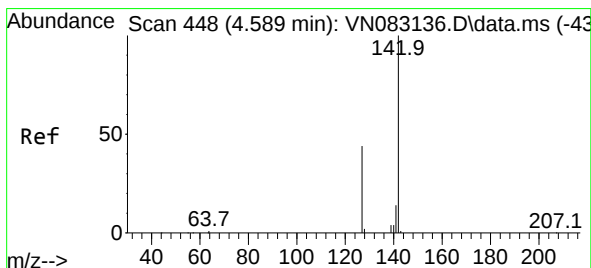
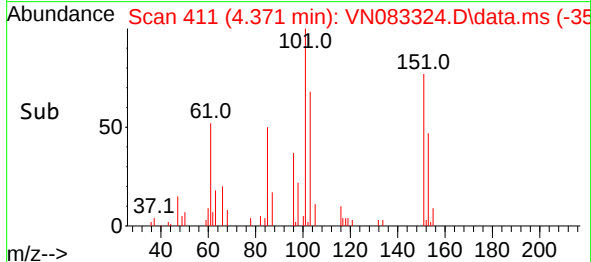
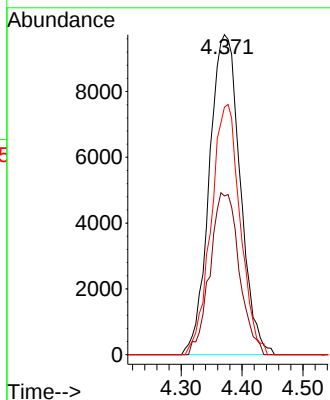
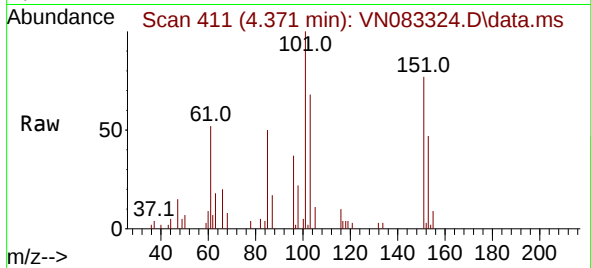




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.993 ug/l  
RT: 4.371 min Scan# 411  
Delta R.T. 0.006 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

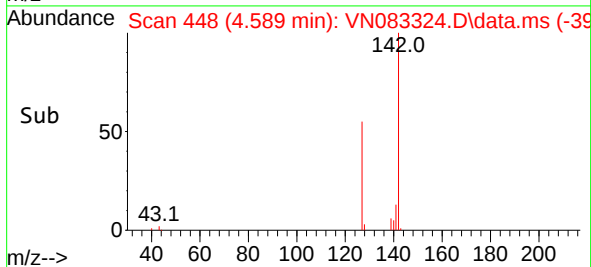
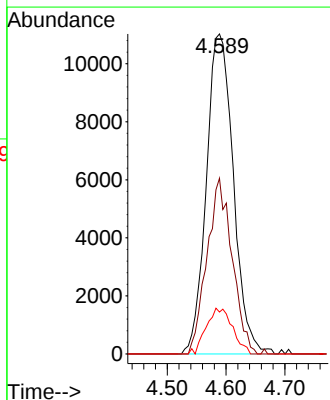
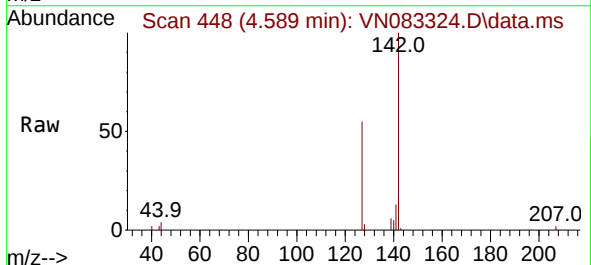
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0815WBSD01

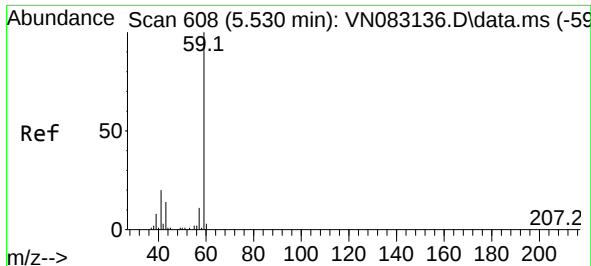
Tgt Ion:101 Resp: 34104  
Ion Ratio Lower Upper  
101 100  
85 48.0 38.3 57.5  
151 73.9 59.3 88.9



#10  
Methyl Iodide  
Concen: 16.505 ug/l  
RT: 4.589 min Scan# 448  
Delta R.T. 0.000 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

Tgt Ion:142 Resp: 35271  
Ion Ratio Lower Upper  
142 100  
127 54.9 37.5 56.3  
141 13.1 13.1 19.7#

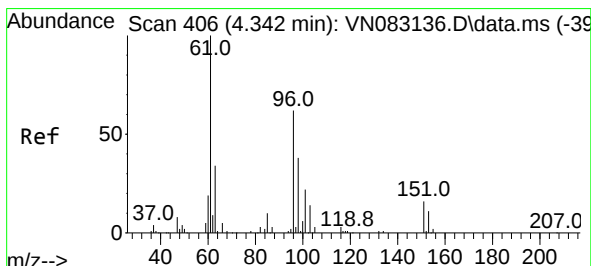
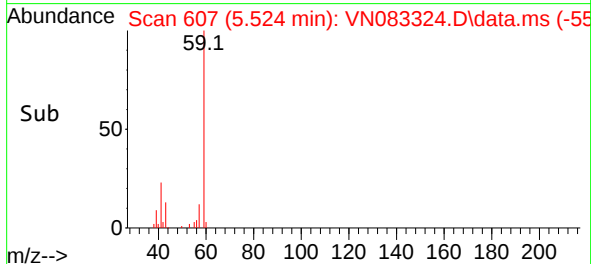
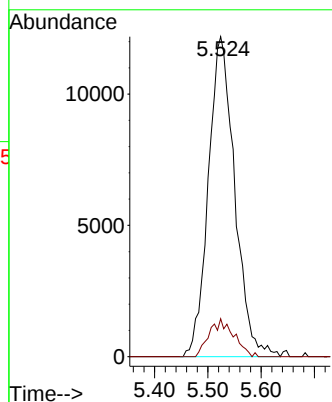
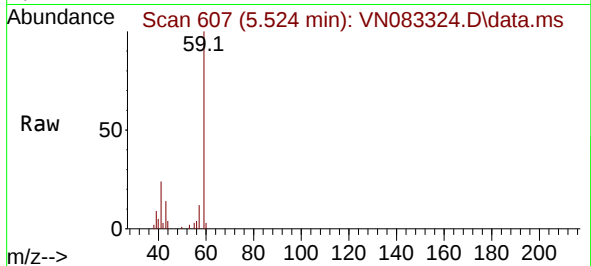




#11  
Tert butyl alcohol  
Concen: 94.048 ug/l  
RT: 5.524 min Scan# 608  
Delta R.T. -0.006 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

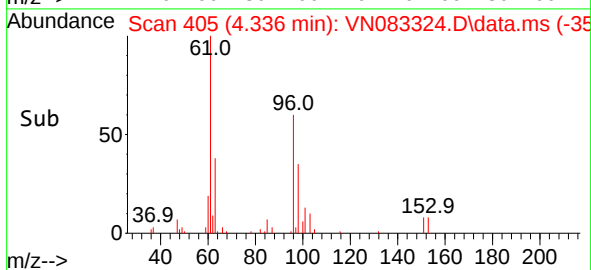
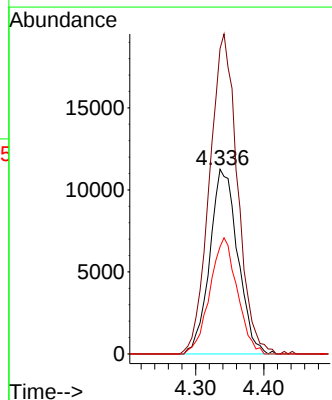
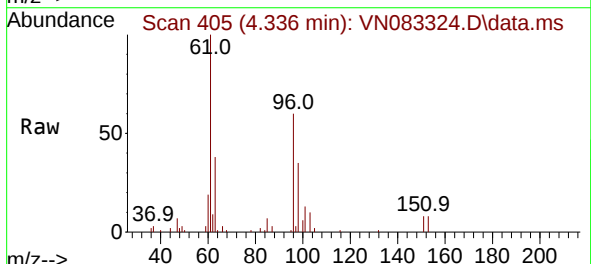
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0815WBSD01

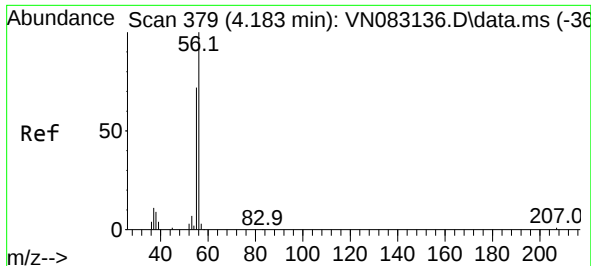
Tgt Ion: 59 Resp: 41886  
Ion Ratio Lower Upper  
59 100  
57 4.4 8.9 13.3#



#12  
1,1-Dichloroethene  
Concen: 19.252 ug/l  
RT: 4.336 min Scan# 405  
Delta R.T. -0.006 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

Tgt Ion: 96 Resp: 32132  
Ion Ratio Lower Upper  
96 100  
61 165.4 149.7 224.5  
98 58.1 50.1 75.1





#13

Acrolein

Concen: 82.824 ug/l

RT: 4.189 min Scan# 379

Delta R.T. 0.006 min

Lab File: VN083324.D

Acq: 15 Aug 2024 12:22

Instrument :

MSVOA\_N

ClientSampleId :

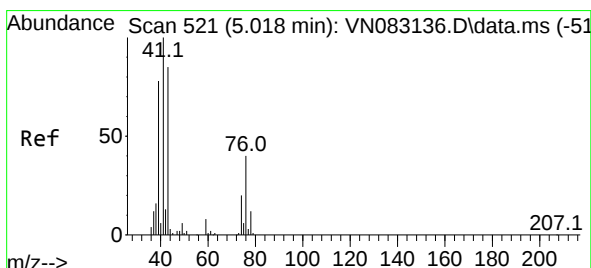
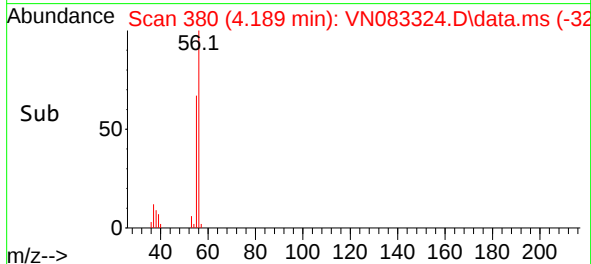
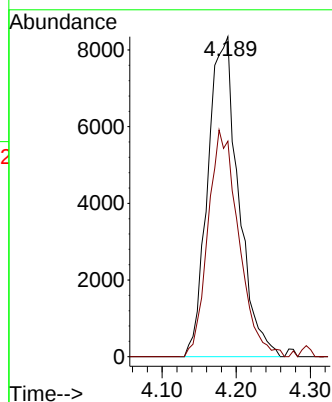
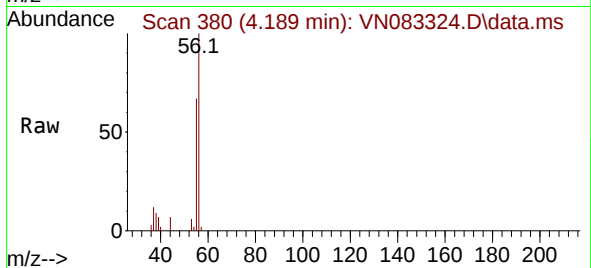
VN0815WBSD01

Tgt Ion: 56 Resp: 24041

Ion Ratio Lower Upper

56 100

55 71.0 56.4 84.6



#14

Allyl chloride

Concen: 19.135 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.000 min

Lab File: VN083324.D

Acq: 15 Aug 2024 12:22

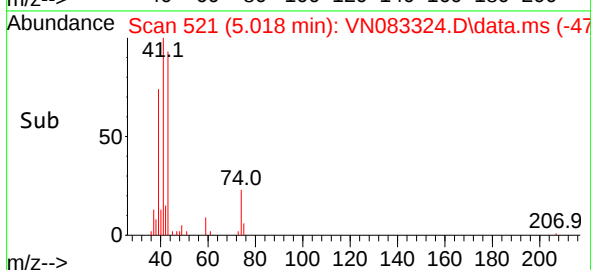
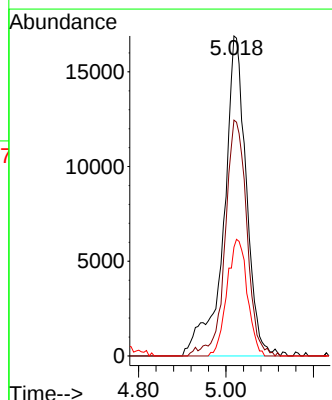
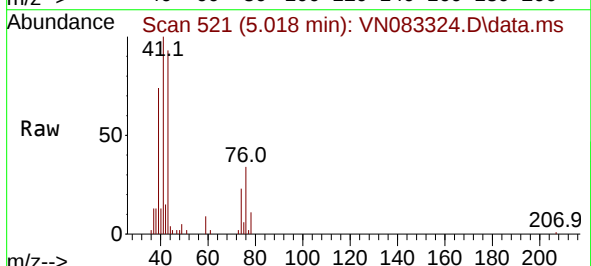
Tgt Ion: 41 Resp: 60351

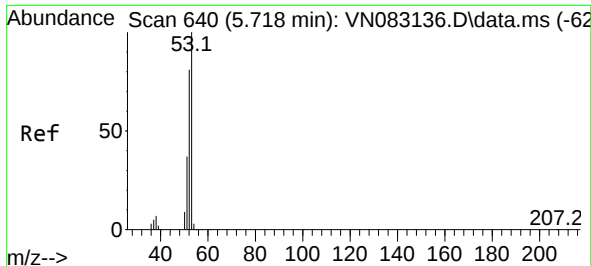
Ion Ratio Lower Upper

41 100

39 70.9 67.8 101.6

76 33.0 25.8 38.8

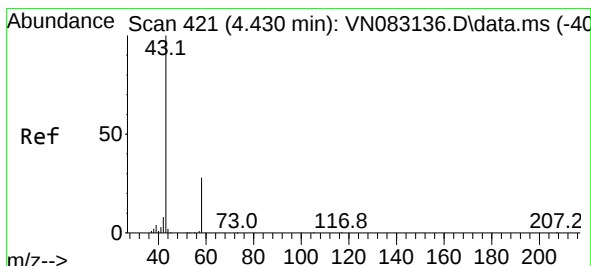
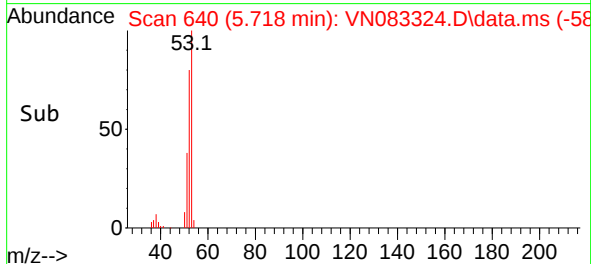
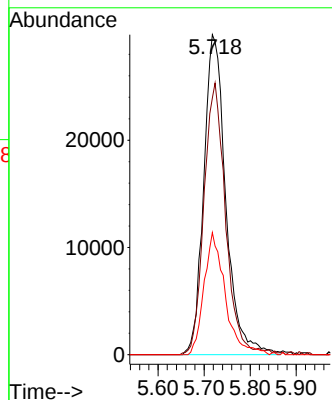
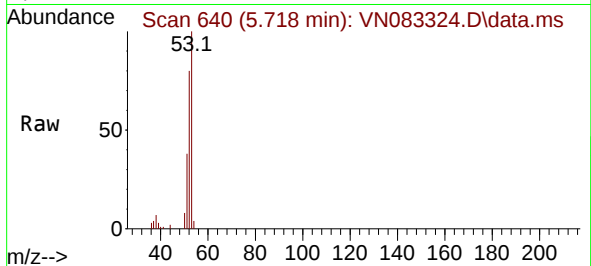




#15  
Acrylonitrile  
Concen: 108.836 ug/l  
RT: 5.718 min Scan# 640  
Delta R.T. 0.000 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

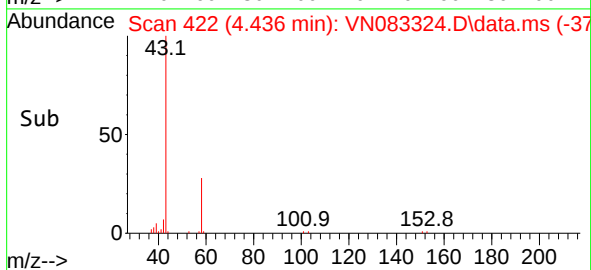
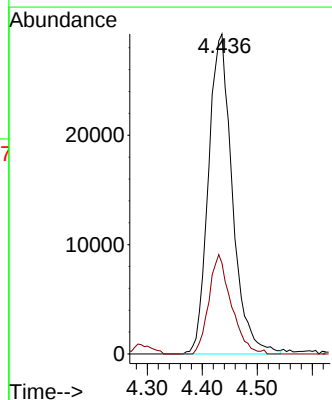
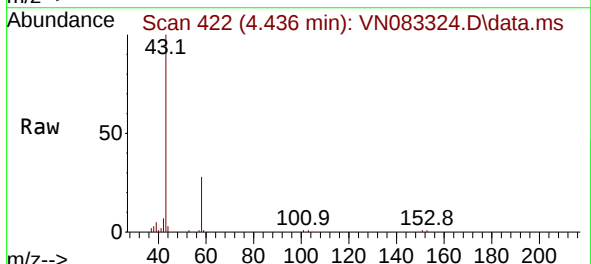
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0815WBSD01

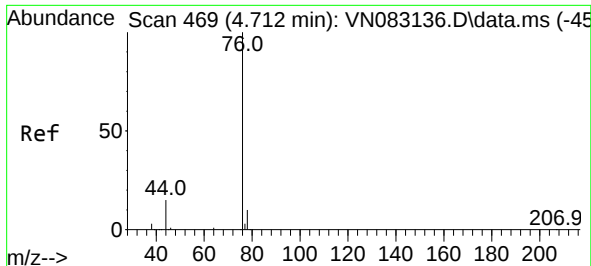
|             |             |
|-------------|-------------|
| Tgt Ion: 53 | Resp: 99689 |
| Ion Ratio   | Lower Upper |
| 53 100      |             |
| 52 82.2     | 66.6 100.0  |
| 51 36.6     | 30.1 45.1   |



#16  
Acetone  
Concen: 105.385 ug/l  
RT: 4.436 min Scan# 422  
Delta R.T. 0.006 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 88373 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 58 28.3     | 21.8 32.6   |

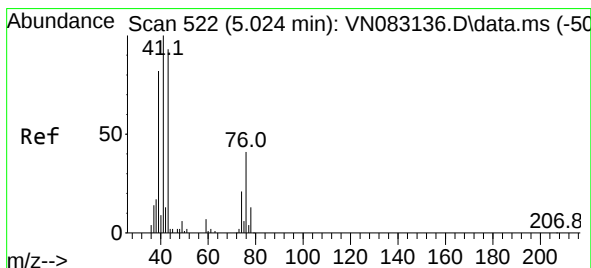
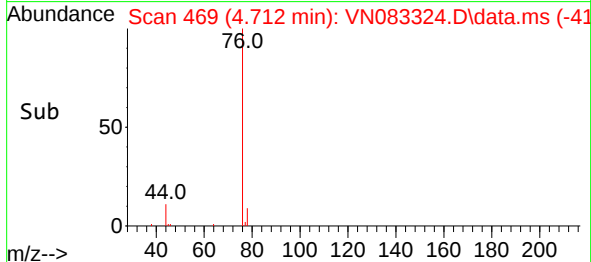
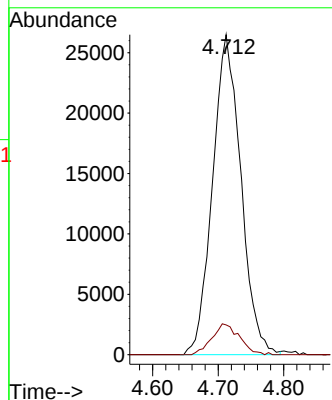
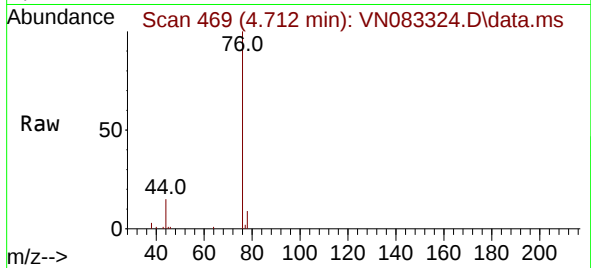




#17  
Carbon Disulfide  
Concen: 16.239 ug/l  
RT: 4.712 min Scan# 469  
Delta R.T. 0.000 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

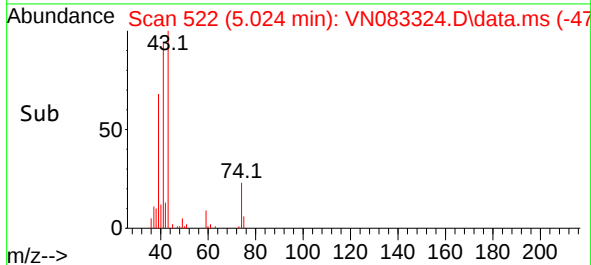
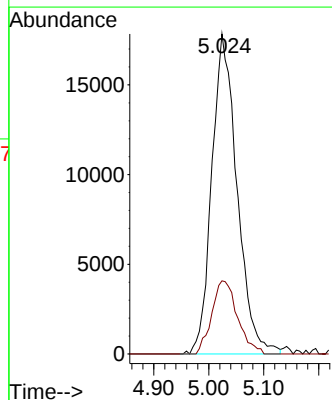
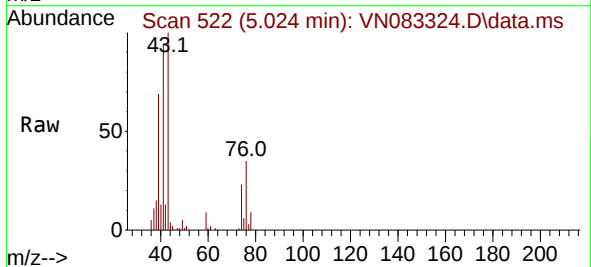
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0815WBSD01

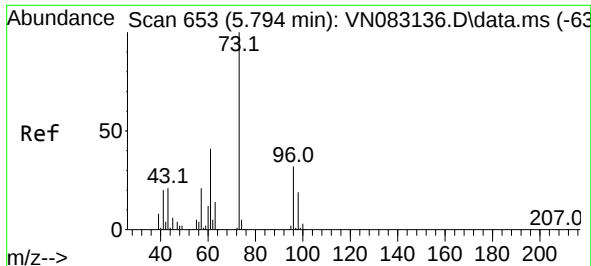
Tgt Ion: 76 Resp: 79303  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.2 10.8



#18  
Methyl Acetate  
Concen: 22.814 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. 0.000 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

Tgt Ion: 43 Resp: 57000  
Ion Ratio Lower Upper  
43 100  
74 23.2 16.3 24.5

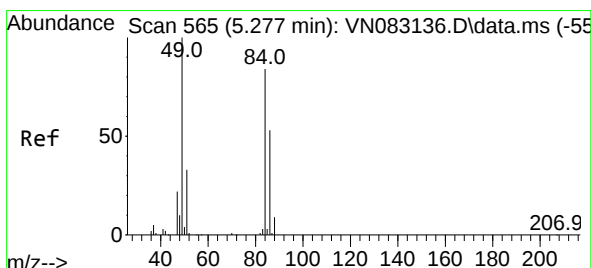
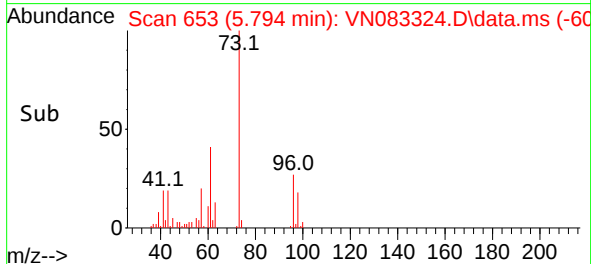
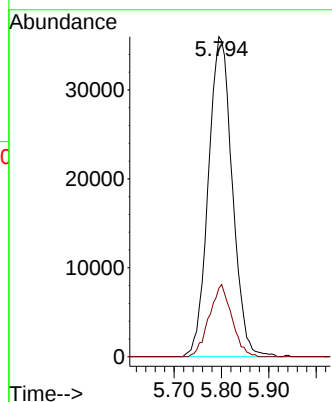
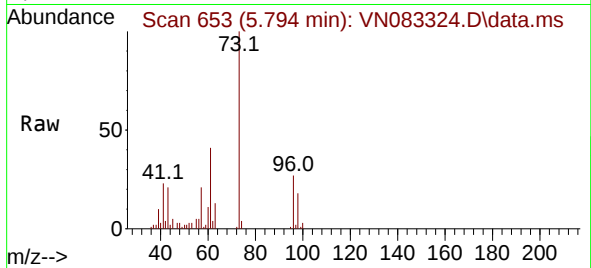




#19  
Methyl tert-butyl Ether  
Concen: 20.987 ug/l  
RT: 5.794 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

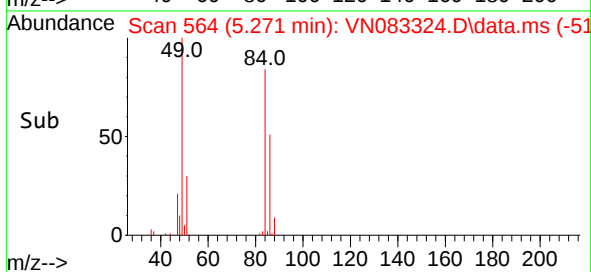
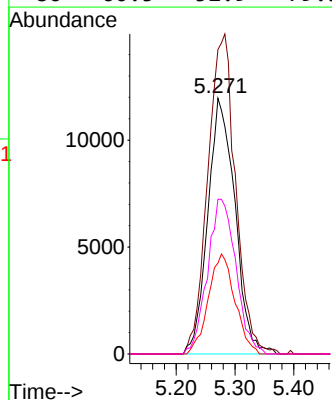
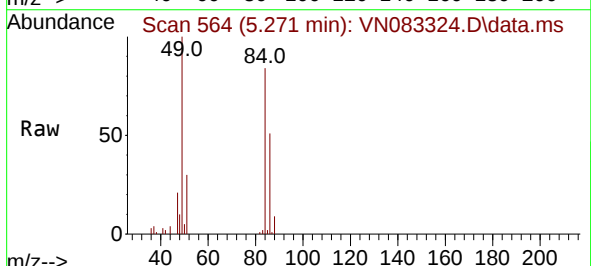
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0815WBSD01

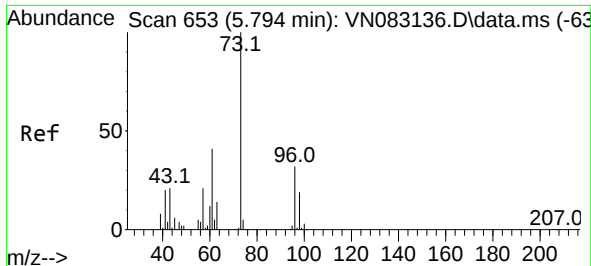
Tgt Ion: 73 Resp: 126432  
Ion Ratio Lower Upper  
73 100  
57 21.4 17.9 26.9



#20  
Methylene Chloride  
Concen: 19.871 ug/l  
RT: 5.271 min Scan# 564  
Delta R.T. -0.006 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

Tgt Ion: 84 Resp: 38349  
Ion Ratio Lower Upper  
84 100  
49 119.1 119.6 179.4#  
51 35.5 34.8 52.2  
86 60.5 52.9 79.3

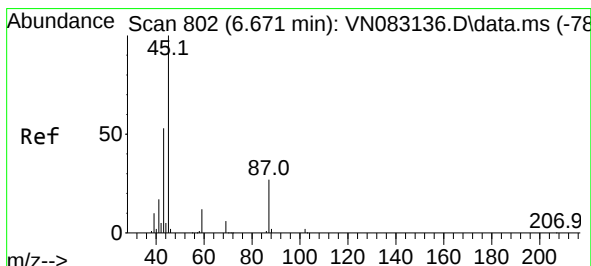
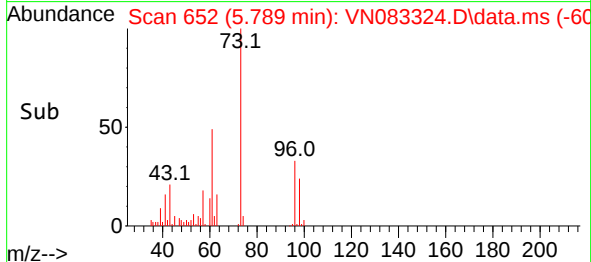
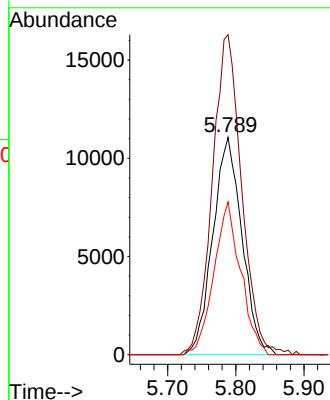
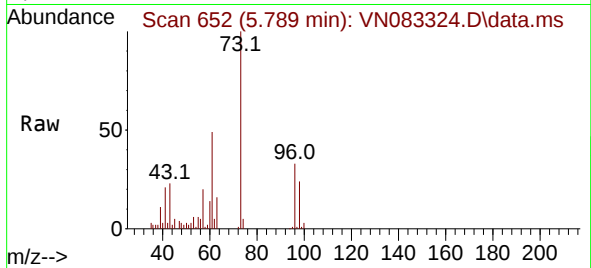




#21  
trans-1,2-Dichloroethene  
Concen: 19.095 ug/l  
RT: 5.789 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

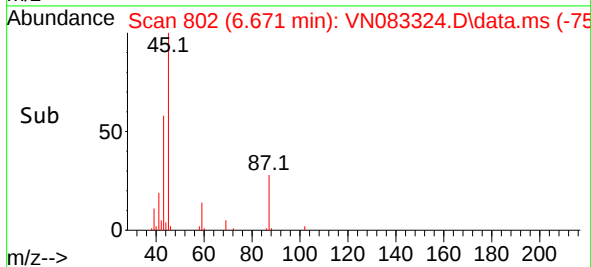
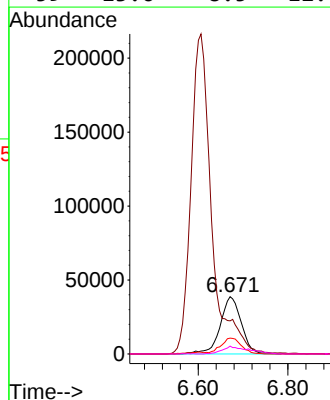
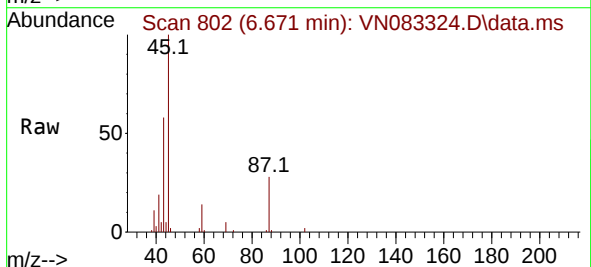
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0815WBSD01

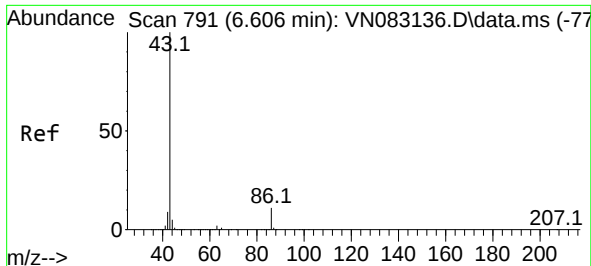
Tgt Ion: 96 Resp: 32938  
Ion Ratio Lower Upper  
96 100  
61 147.3 123.4 185.2  
98 70.3 49.3 73.9



#22  
Diisopropyl ether  
Concen: 21.288 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. 0.000 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

Tgt Ion: 45 Resp: 126208  
Ion Ratio Lower Upper  
45 100  
43 56.0 44.0 66.0  
87 27.8 19.7 29.5  
59 13.6 8.5 12.7#

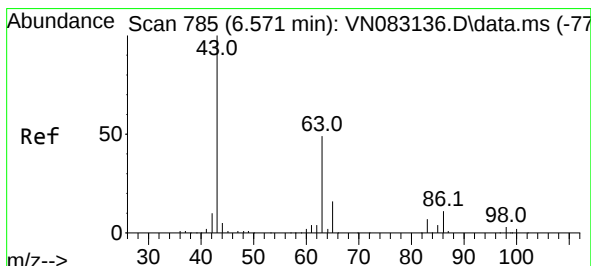
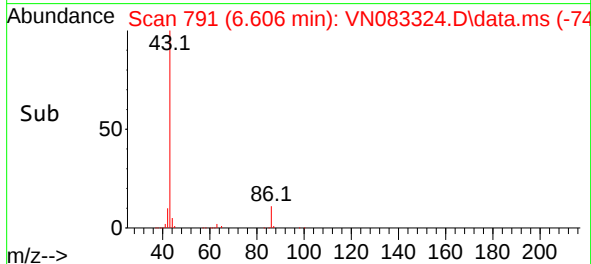
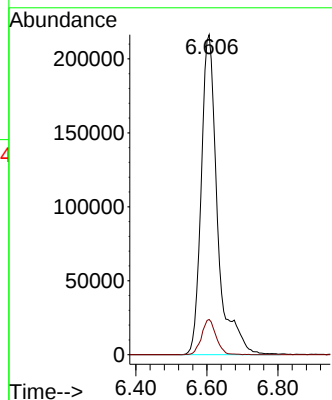
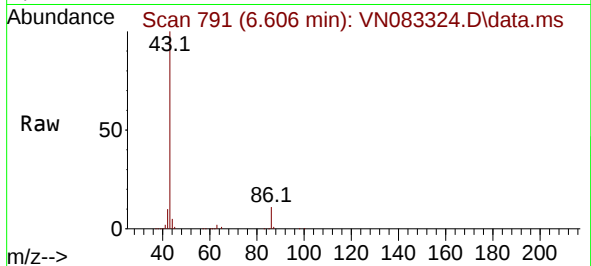




#23  
 Vinyl Acetate  
 Concen: 113.672 ug/l  
 RT: 6.606 min Scan# 791  
 Delta R.T. 0.000 min  
 Lab File: VN083324.D  
 Acq: 15 Aug 2024 12:22

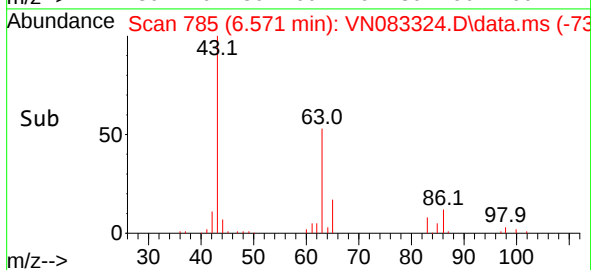
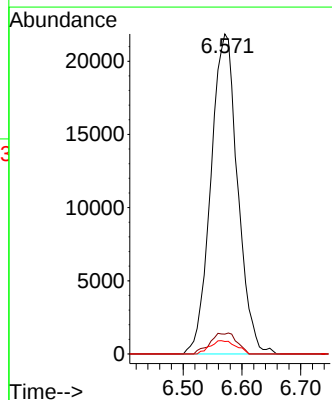
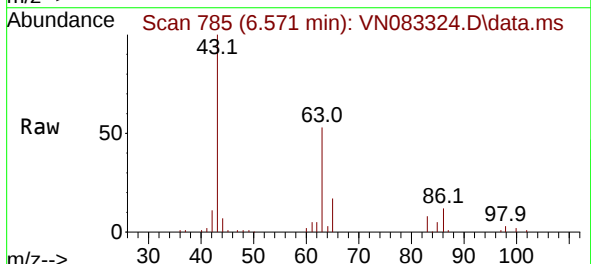
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0815WBSD01

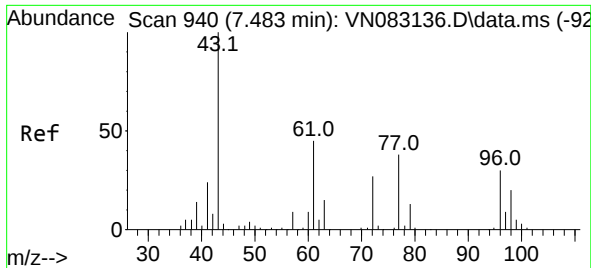
Tgt Ion: 43 Resp: 690749  
 Ion Ratio Lower Upper  
 43 100  
 86 11.0 7.3 10.9#



#24  
 1,1-Dichloroethane  
 Concen: 21.420 ug/l  
 RT: 6.571 min Scan# 785  
 Delta R.T. 0.000 min  
 Lab File: VN083324.D  
 Acq: 15 Aug 2024 12:22

Tgt Ion: 63 Resp: 69218  
 Ion Ratio Lower Upper  
 63 100  
 98 6.2 3.3 9.9  
 100 3.9 2.0 6.0

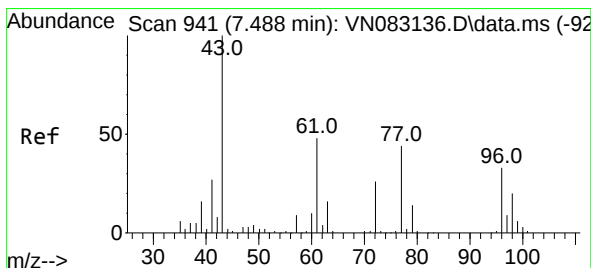
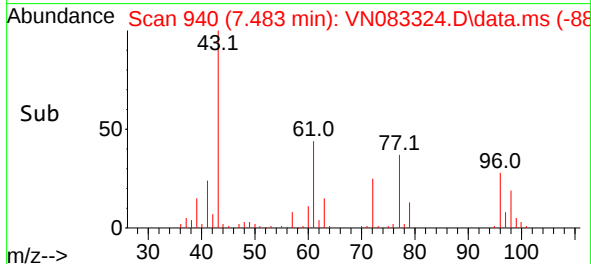
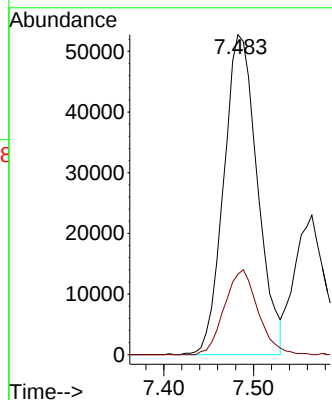
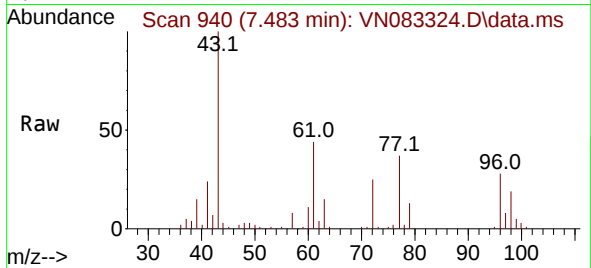




#25  
2-Butanone  
Concen: 107.071 ug/l  
RT: 7.483 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

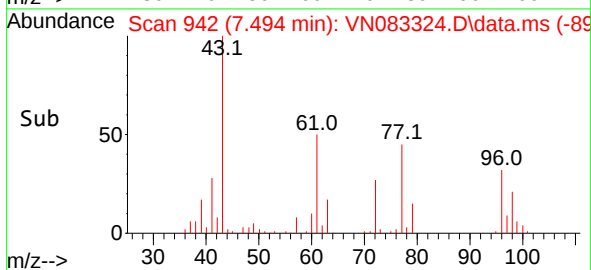
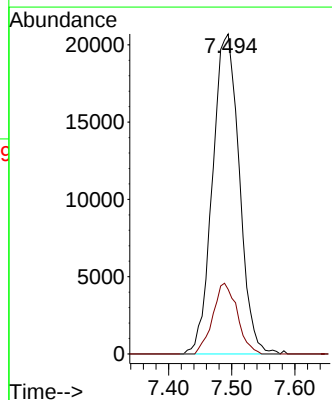
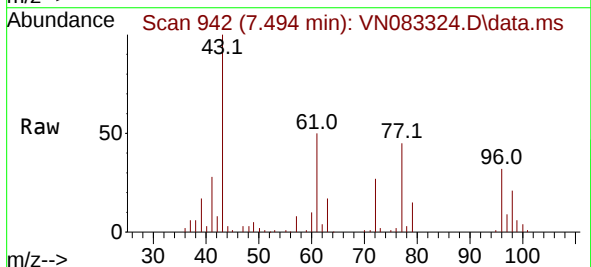
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0815WBSD01

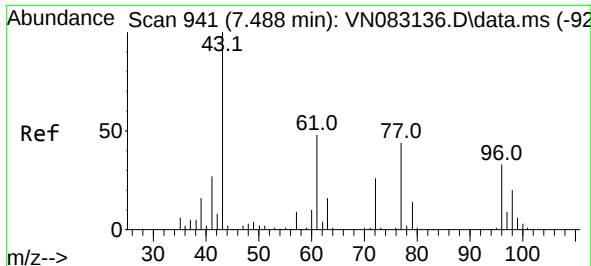
Tgt Ion: 43 Resp: 137864  
Ion Ratio Lower Upper  
43 100  
72 25.2 18.2 27.2



#26  
2,2-Dichloropropane  
Concen: 20.266 ug/l  
RT: 7.494 min Scan# 942  
Delta R.T. 0.006 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

Tgt Ion: 77 Resp: 60820  
Ion Ratio Lower Upper  
77 100  
97 20.2 10.3 30.9





#27

cis-1,2-Dichloroethene

Concen: 19.952 ug/l

RT: 7.488 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN083324.D

Acq: 15 Aug 2024 12:22

Instrument :

MSVOA\_N

ClientSampleId :

VN0815WBSD01

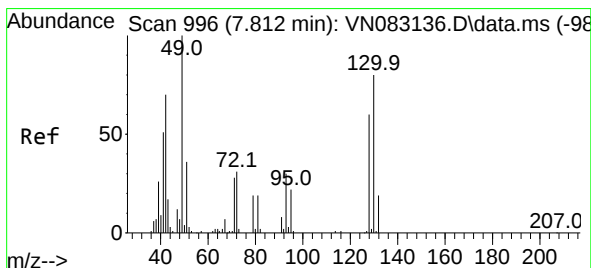
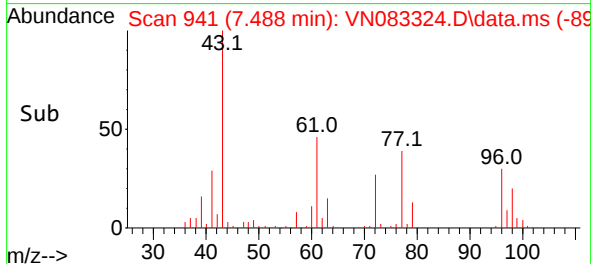
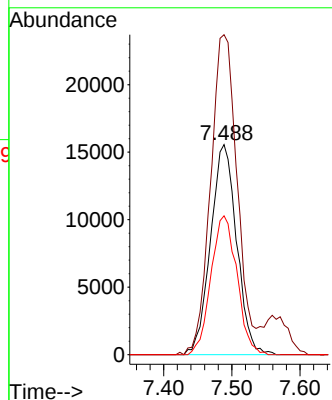
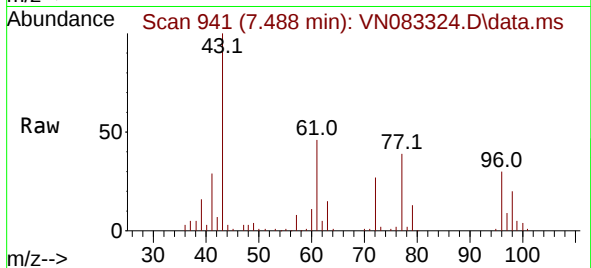
Tgt Ion: 96 Resp: 41531

Ion Ratio Lower Upper

96 100

61 154.9 0.0 329.6

98 65.9 0.0 128.6



#28

Bromochloromethane

Concen: 23.674 ug/l

RT: 7.818 min Scan# 997

Delta R.T. 0.006 min

Lab File: VN083324.D

Acq: 15 Aug 2024 12:22

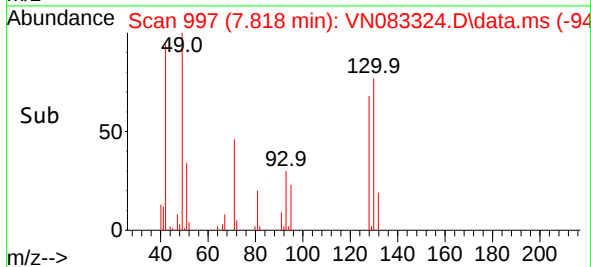
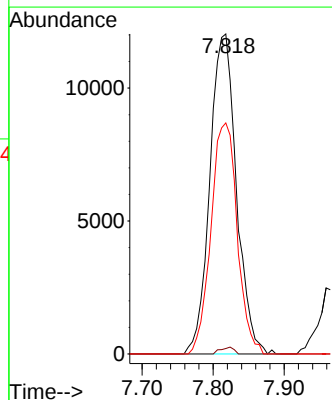
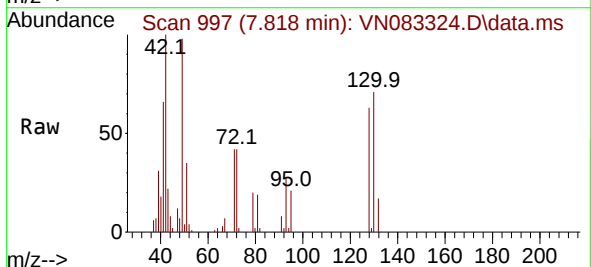
Tgt Ion: 49 Resp: 31264

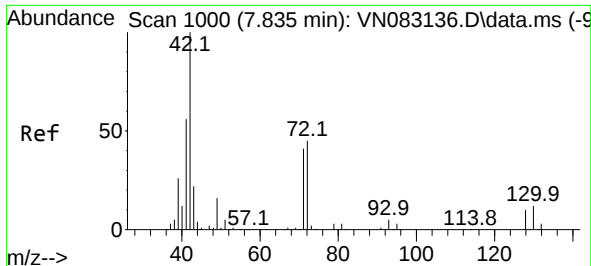
Ion Ratio Lower Upper

49 100

129 1.1 0.0 3.8

130 71.2 50.5 75.7





#29

Tetrahydrofuran

Concen: 108.123 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN083324.D

Acq: 15 Aug 2024 12:22

Instrument :

MSVOA\_N

ClientSampleId :

VN0815WBSD01

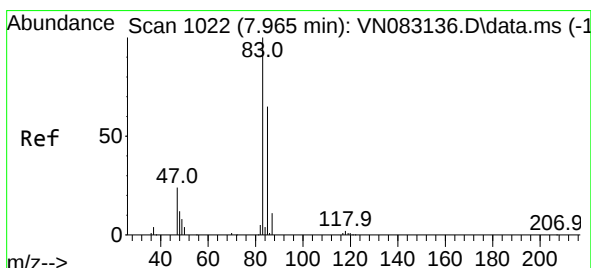
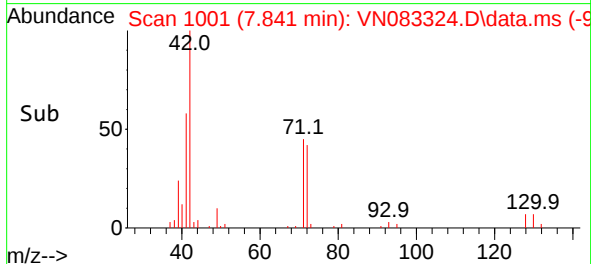
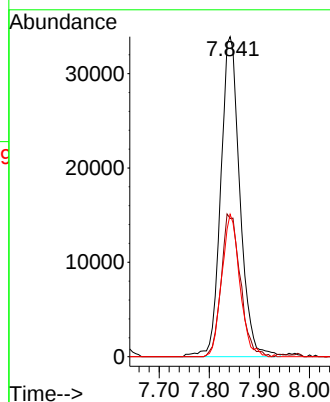
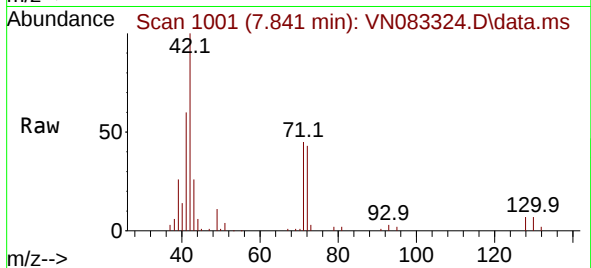
Tgt Ion: 42 Resp: 89996

Ion Ratio Lower Upper

42 100

72 44.6 30.0 45.0

71 41.9 28.3 42.5



#30

Chloroform

Concen: 22.155 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN083324.D

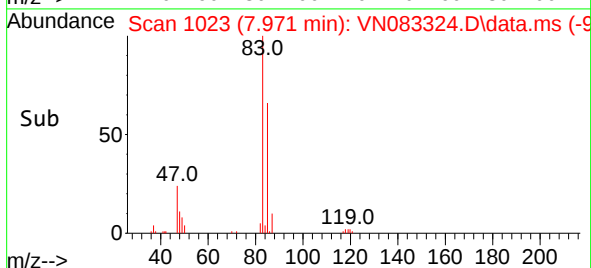
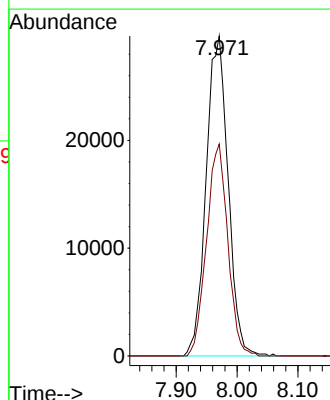
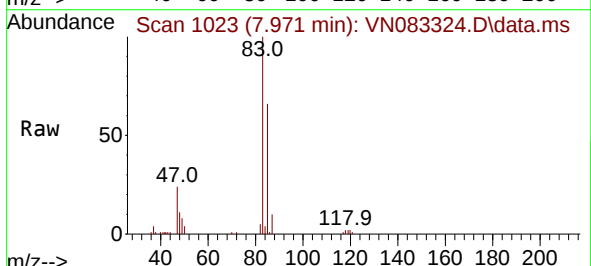
Acq: 15 Aug 2024 12:22

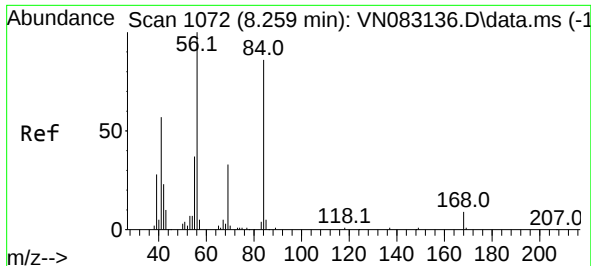
Tgt Ion: 83 Resp: 74379

Ion Ratio Lower Upper

83 100

85 66.2 50.9 76.3

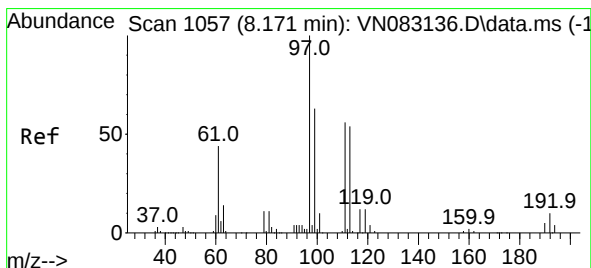
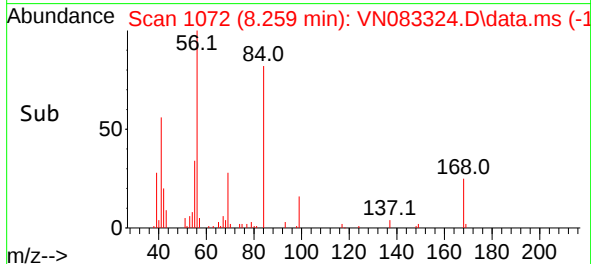
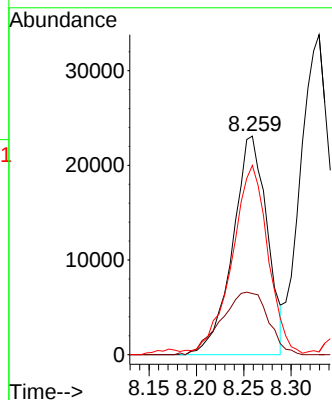
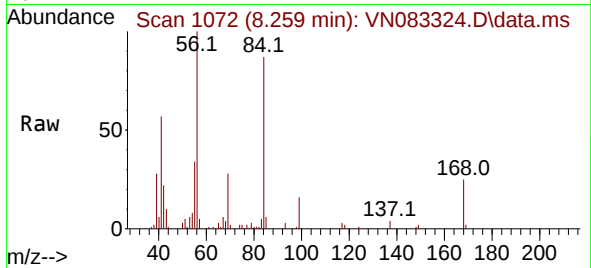




#31  
Cyclohexane  
Concen: 18.382 ug/l  
RT: 8.259 min Scan# 1072  
Delta R.T. 0.000 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

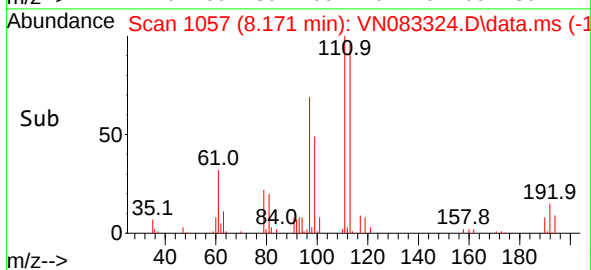
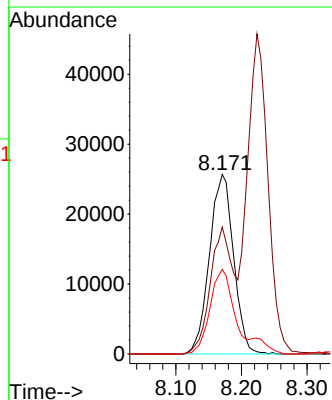
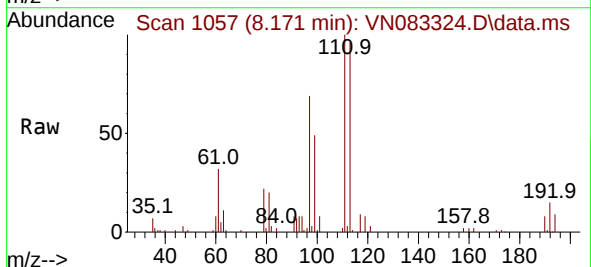
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0815WBSD01

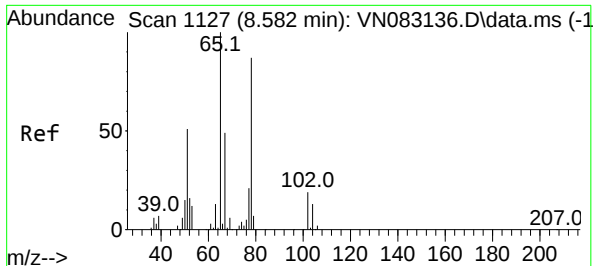
Tgt Ion: 56 Resp: 58379  
Ion Ratio Lower Upper  
56 100  
69 27.1 24.5 36.7  
84 85.2 66.0 99.0



#32  
1,1,1-Trichloroethane  
Concen: 20.611 ug/l  
RT: 8.171 min Scan# 1057  
Delta R.T. 0.000 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

Tgt Ion: 97 Resp: 65499  
Ion Ratio Lower Upper  
97 100  
99 67.8 52.0 78.0  
61 46.6 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 56.107 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

Lab File: VN083324.D

Acq: 15 Aug 2024 12:22

Instrument :

MSVOA\_N

ClientSampleId :

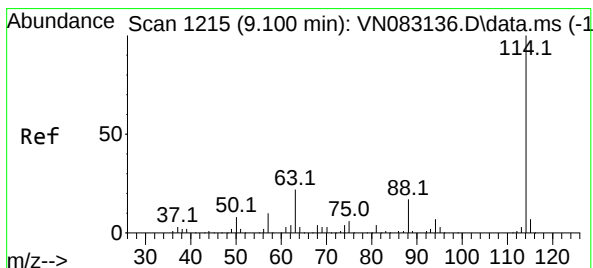
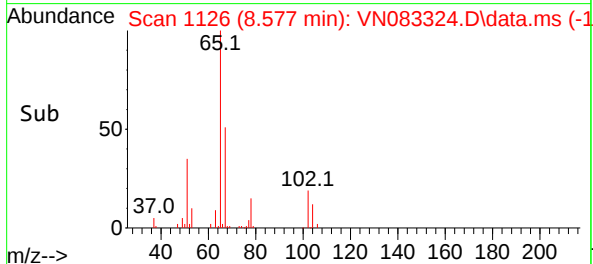
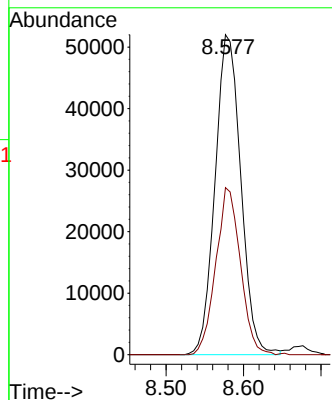
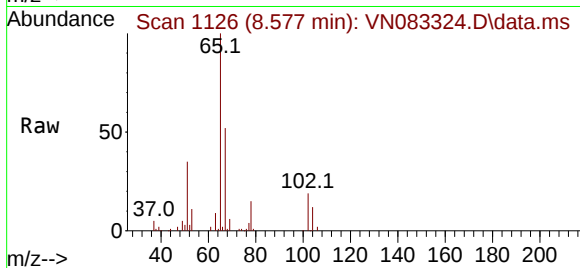
VN0815WBSD01

Tgt Ion: 65 Resp: 120241

Ion Ratio Lower Upper

65 100

67 49.9 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN083324.D

Acq: 15 Aug 2024 12:22

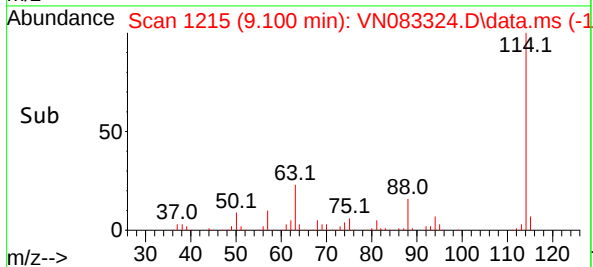
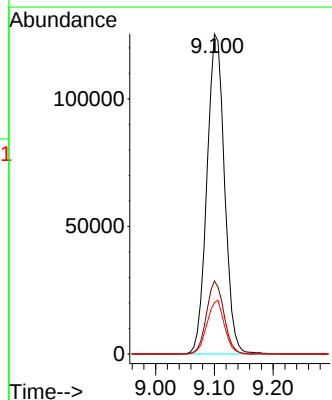
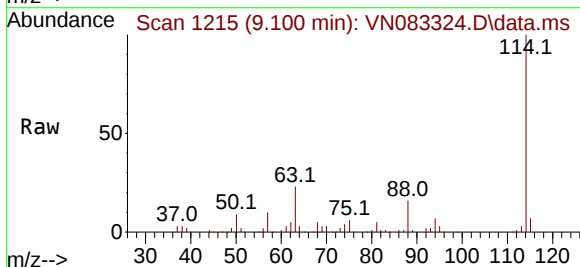
Tgt Ion: 114 Resp: 260289

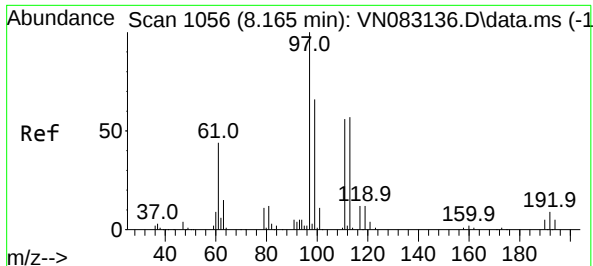
Ion Ratio Lower Upper

114 100

63 22.8 0.0 44.6

88 16.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.270 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN083324.D

Acq: 15 Aug 2024 12:22

Instrument :

MSVOA\_N

ClientSampleId :

VN0815WBSD01

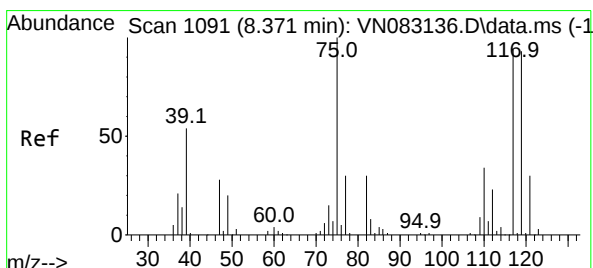
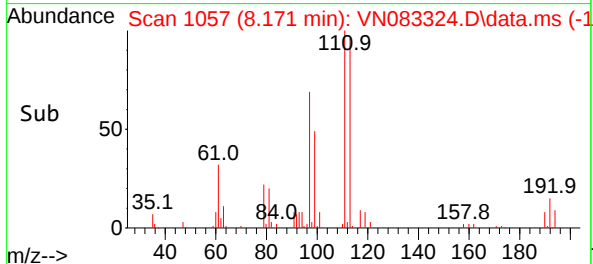
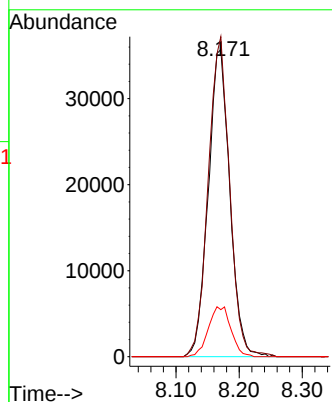
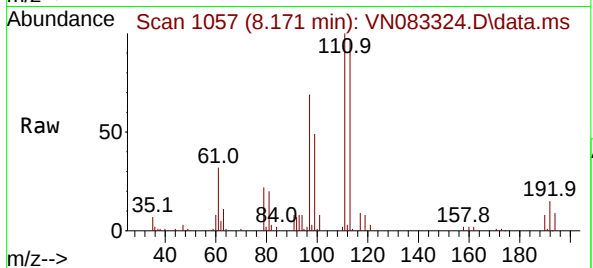
Tgt Ion:113 Resp: 84921

Ion Ratio Lower Upper

113 100

111 102.7 82.4 123.6

192 17.0 14.9 22.3



#36

1,1-Dichloropropene

Concen: 19.946 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VN083324.D

Acq: 15 Aug 2024 12:22

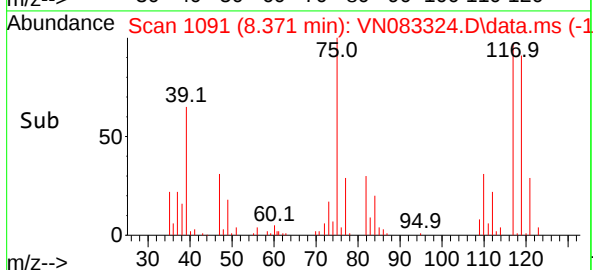
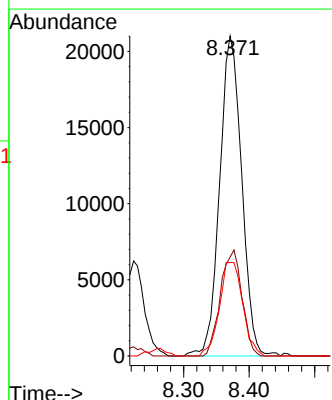
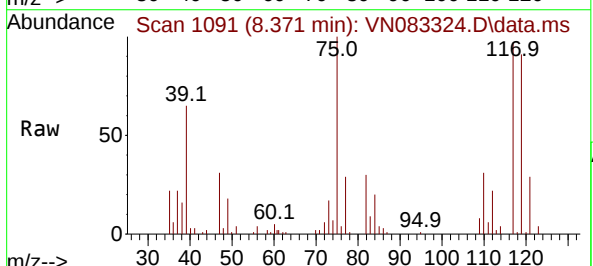
Tgt Ion: 75 Resp: 49021

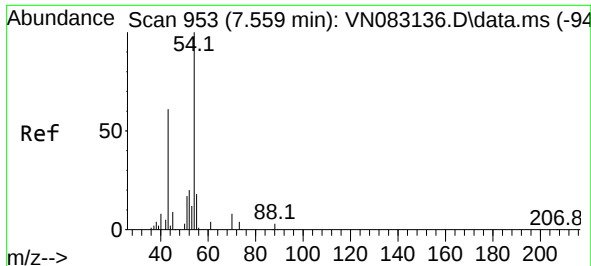
Ion Ratio Lower Upper

75 100

110 32.4 16.3 48.9

77 30.9 24.6 37.0





#37

Ethyl Acetate

Concen: 20.980 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN083324.D

Acq: 15 Aug 2024 12:22

Instrument :

MSVOA\_N

ClientSampleId :

VN0815WBSD01

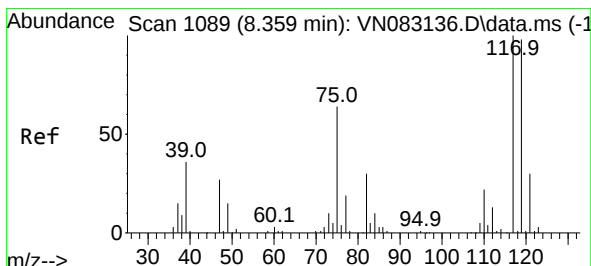
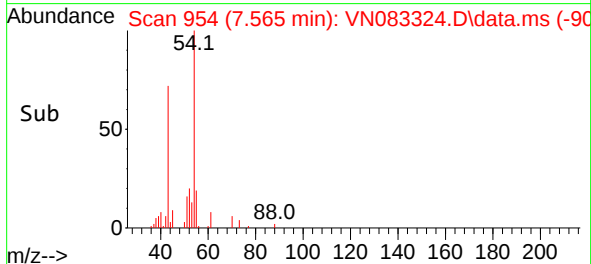
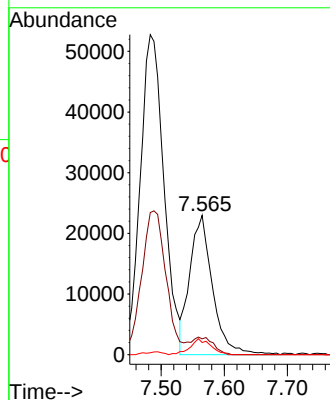
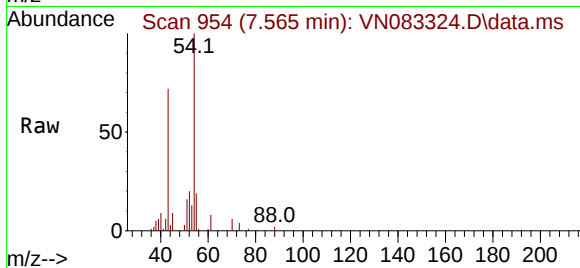
Tgt Ion: 43 Resp: 57731

Ion Ratio Lower Upper

43 100

61 10.5 9.3 13.9

70 10.1 7.0 10.6



#38

Carbon Tetrachloride

Concen: 20.283 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VN083324.D

Acq: 15 Aug 2024 12:22

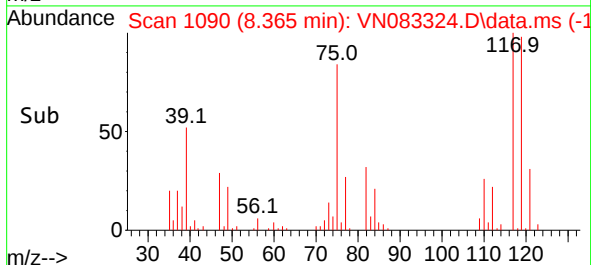
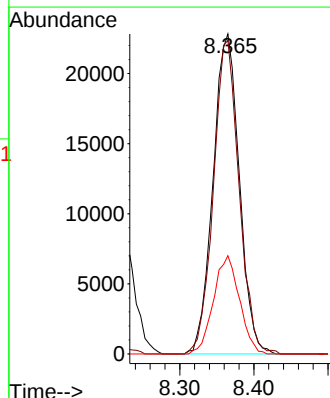
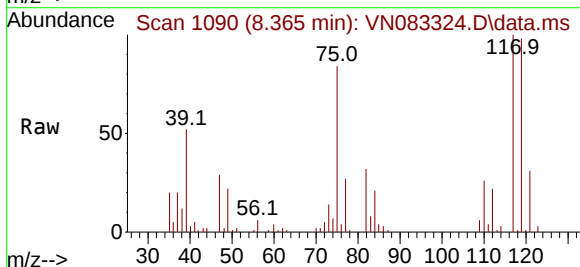
Tgt Ion: 117 Resp: 56147

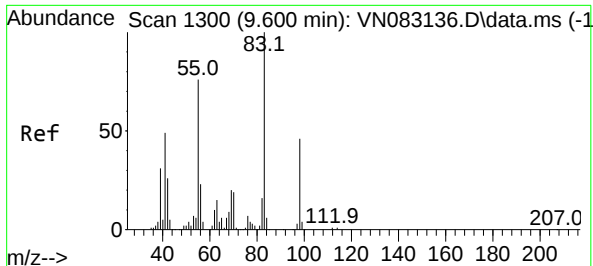
Ion Ratio Lower Upper

117 100

119 97.9 74.9 112.3

121 30.7 24.3 36.5





#39

Methylcyclohexane

Concen: 19.014 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN083324.D

Acq: 15 Aug 2024 12:22

Instrument :

MSVOA\_N

ClientSampleId :

VN0815WBSD01

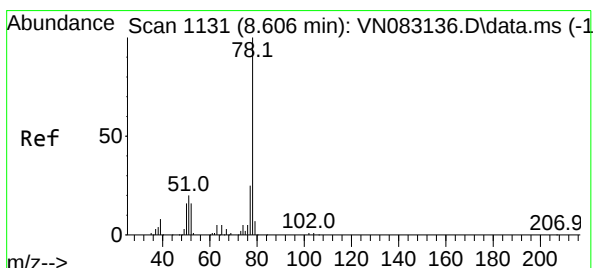
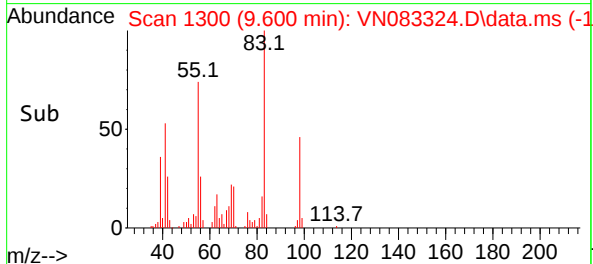
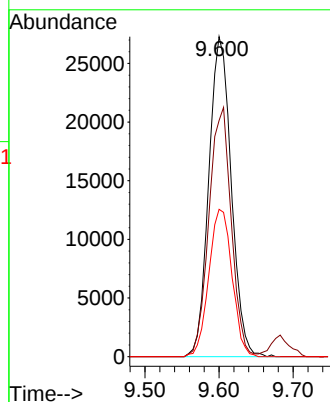
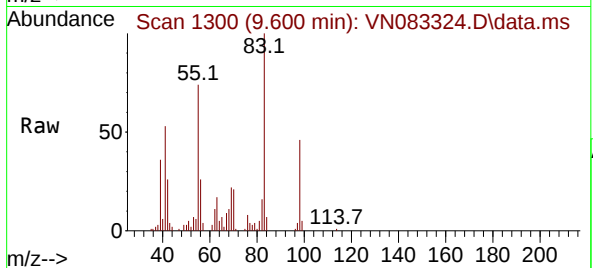
Tgt Ion: 83 Resp: 57396

Ion Ratio Lower Upper

83 100

55 73.8 66.4 99.6

98 46.0 40.7 61.1



#40

Benzene

Concen: 20.637 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN083324.D

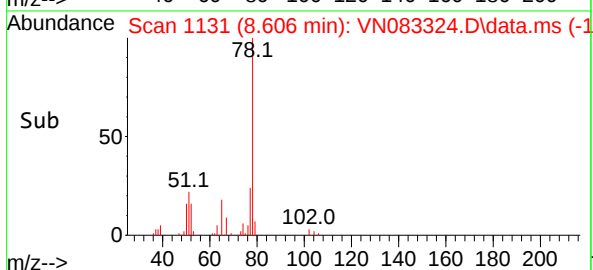
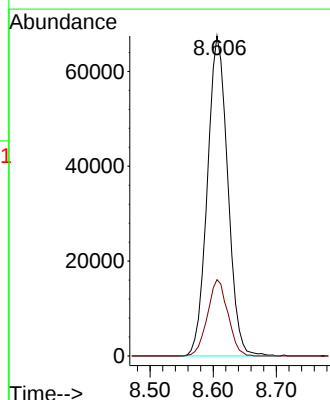
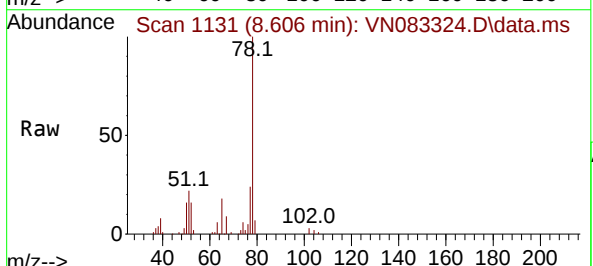
Acq: 15 Aug 2024 12:22

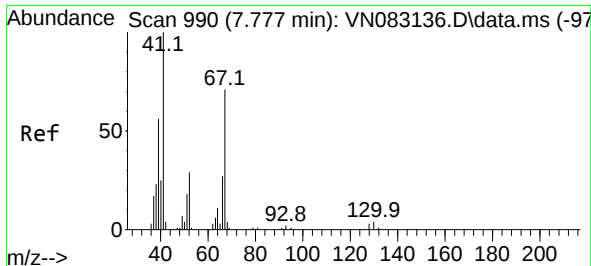
Tgt Ion: 78 Resp: 151093

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.4

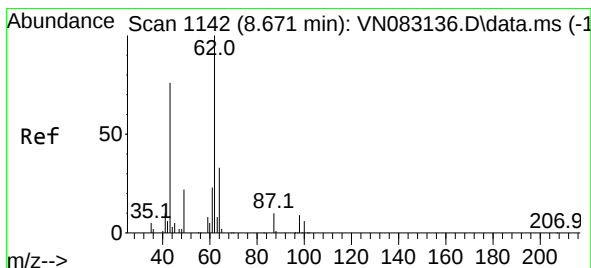
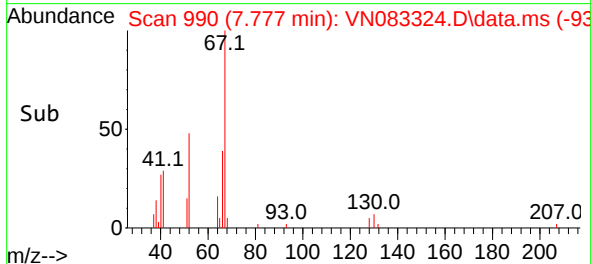
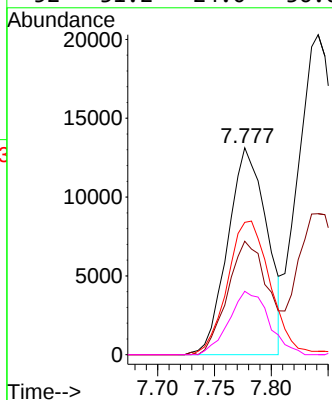
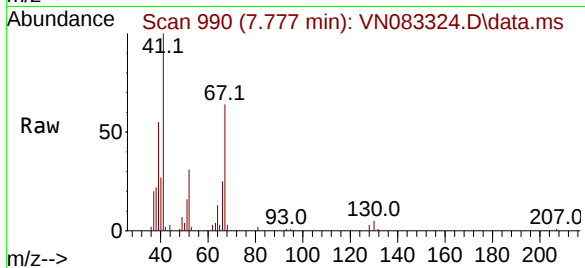




#41  
Methacrylonitrile  
Concen: 20.101 ug/l  
RT: 7.777 min Scan# 990  
Delta R.T. 0.000 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

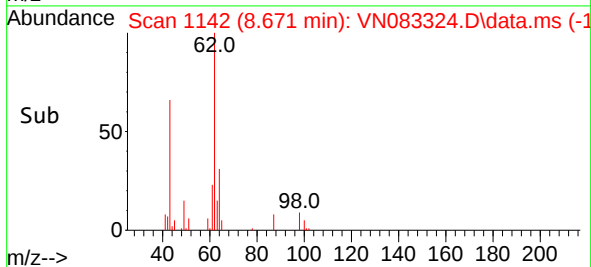
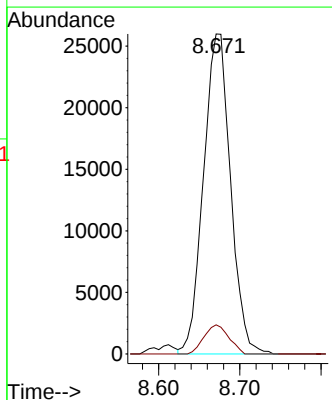
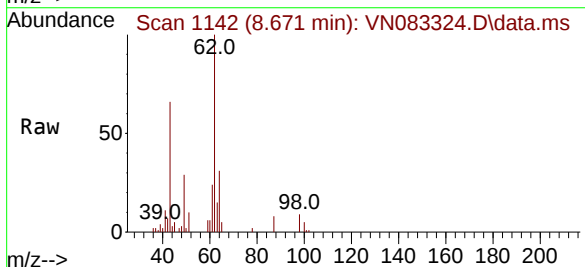
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0815WBSD01

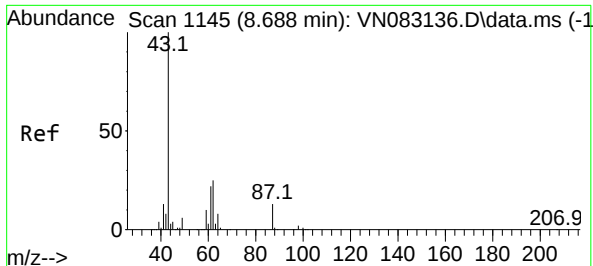
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 31450 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 58.7  | 45.5  | 68.3  |
| 67       | 70.6  | 50.5  | 75.7  |
| 52       | 31.2  | 24.0  | 36.0  |



#42  
1,2-Dichloroethane  
Concen: 22.544 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. 0.000 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 60126 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.4   | 0.0   | 15.8  |

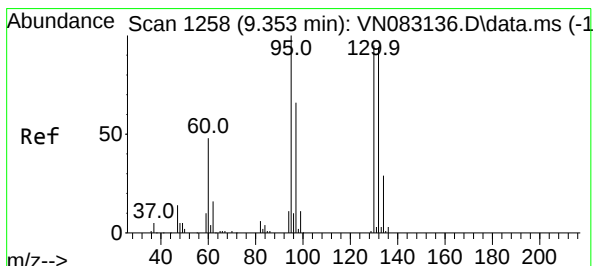
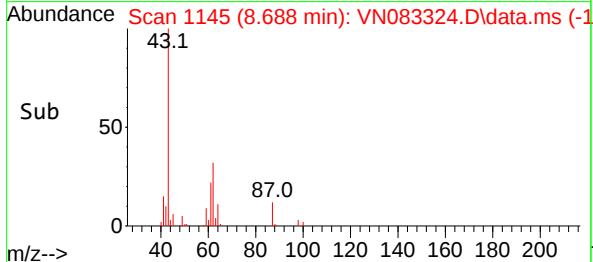
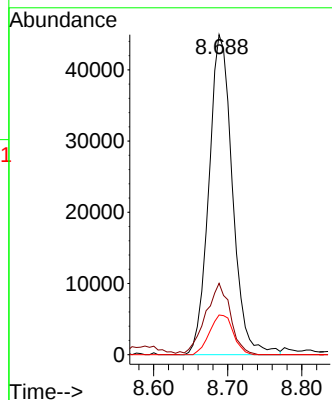
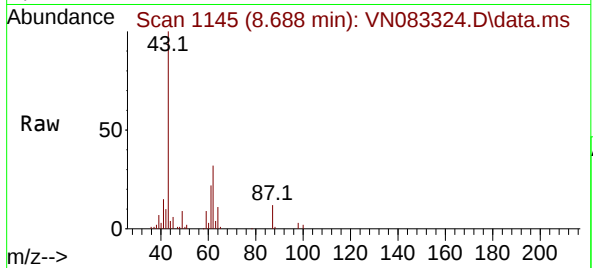




#43  
Isopropyl Acetate  
Concen: 19.406 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. 0.000 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

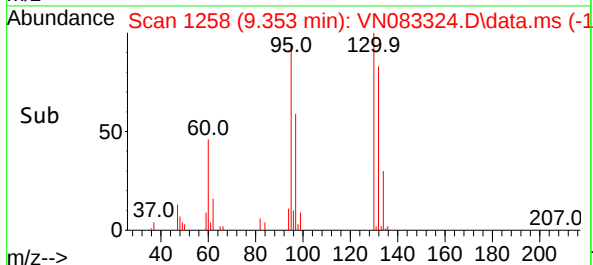
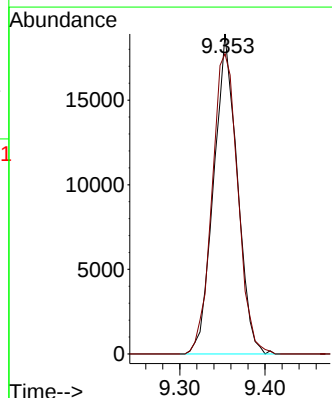
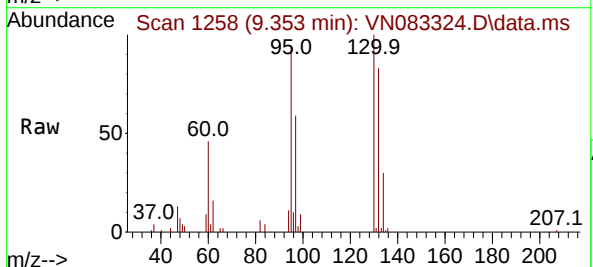
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0815WBSD01

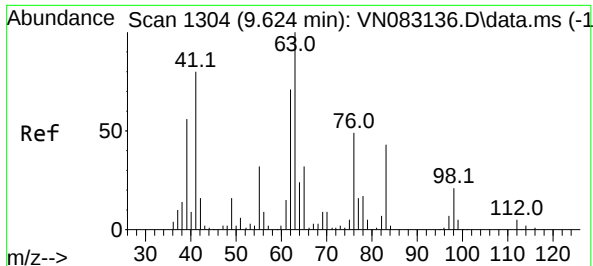
Tgt Ion: 43 Resp: 99288  
Ion Ratio Lower Upper  
43 100  
61 23.7 17.8 26.6  
87 12.4 8.2 12.2#



#44  
Trichloroethene  
Concen: 20.791 ug/l  
RT: 9.353 min Scan# 1258  
Delta R.T. 0.000 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

Tgt Ion: 130 Resp: 36232  
Ion Ratio Lower Upper  
130 100  
95 93.8 0.0 197.8





#45

1,2-Dichloropropane

Concen: 21.821 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN083324.D

Acq: 15 Aug 2024 12:22

Instrument :

MSVOA\_N

ClientSampleId :

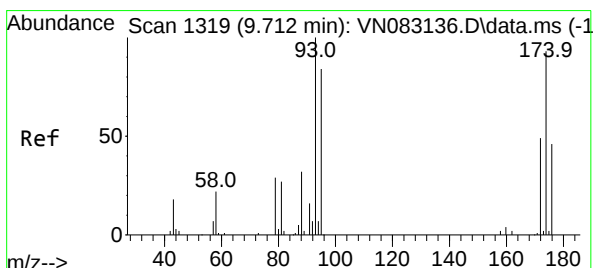
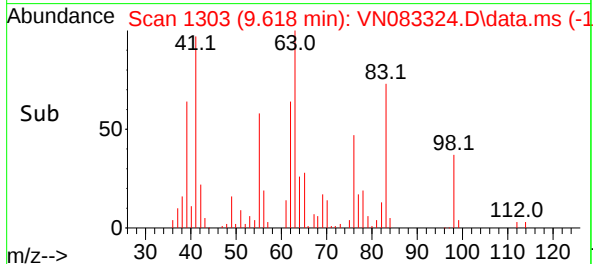
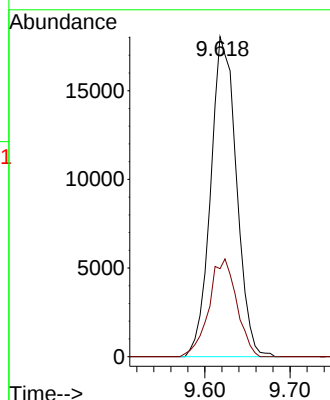
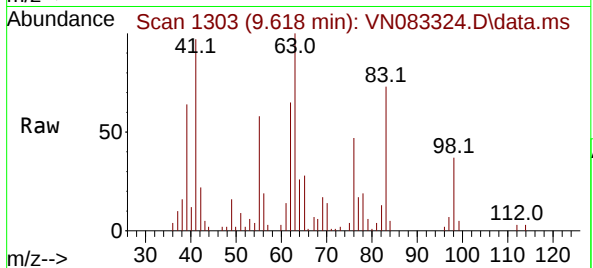
VN0815WBSD01

Tgt Ion: 63 Resp: 37923

Ion Ratio Lower Upper

63 100

65 27.5 24.4 36.6



#46

Dibromomethane

Concen: 21.736 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN083324.D

Acq: 15 Aug 2024 12:22

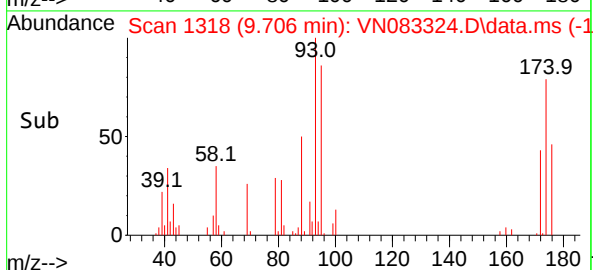
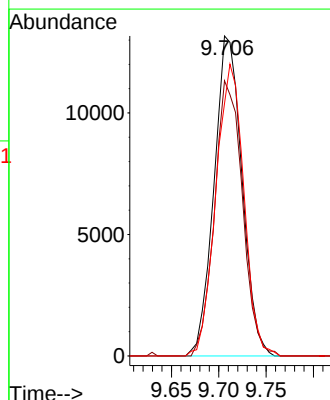
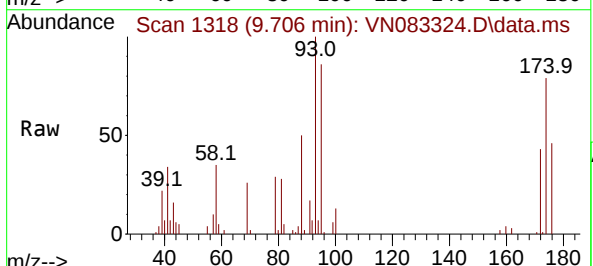
Tgt Ion: 93 Resp: 27038

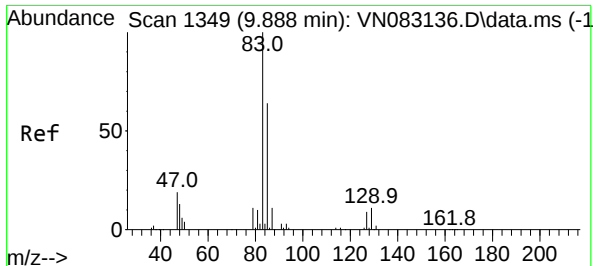
Ion Ratio Lower Upper

93 100

95 86.0 65.8 98.6

174 90.8 71.7 107.5





#47

Bromodichloromethane

Concen: 21.060 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN083324.D

Acq: 15 Aug 2024 12:22

Instrument :

MSVOA\_N

ClientSampleId :

VN0815WBSD01

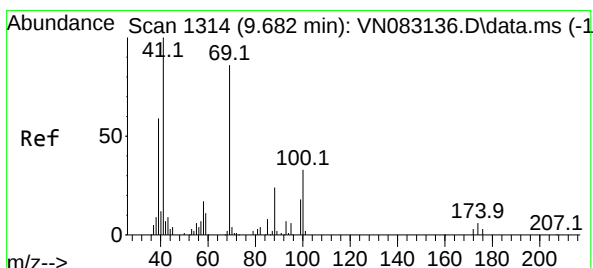
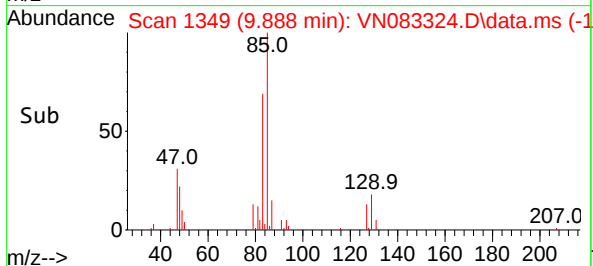
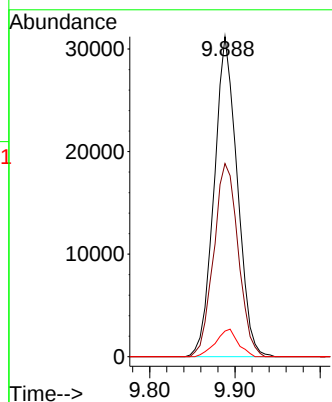
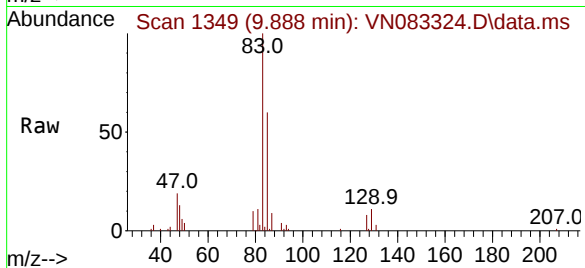
Tgt Ion: 83 Resp: 58822

Ion Ratio Lower Upper

83 100

85 60.4 51.1 76.7

127 8.0 7.2 10.8



#48

Methyl methacrylate

Concen: 20.301 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN083324.D

Acq: 15 Aug 2024 12:22

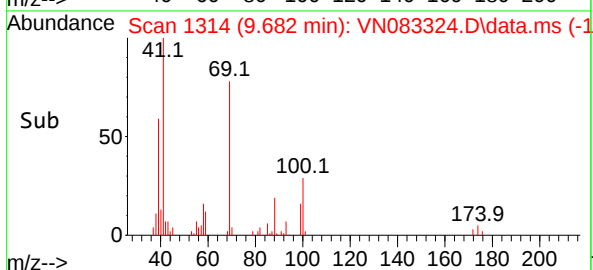
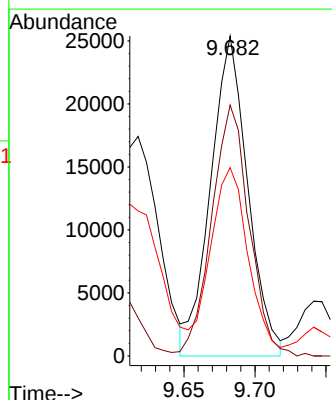
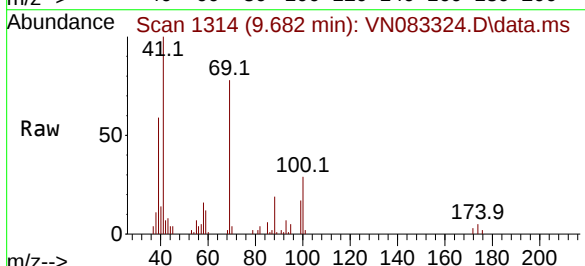
Tgt Ion: 41 Resp: 46185

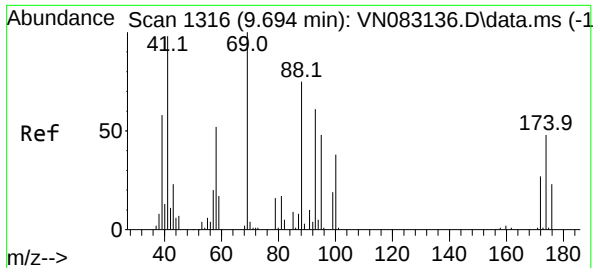
Ion Ratio Lower Upper

41 100

69 79.0 56.3 84.5

39 60.1 50.3 75.5





#49

1,4-Dioxane

Concen: 442.359 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083324.D

Acq: 15 Aug 2024 12:22

Instrument :

MSVOA\_N

ClientSampleId :

VN0815WBSD01

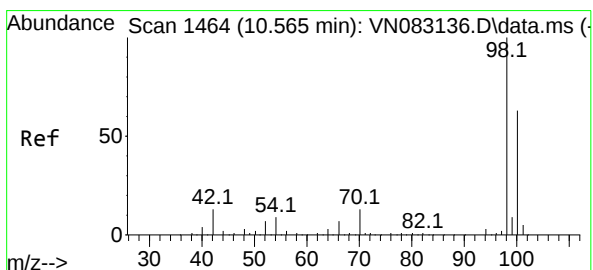
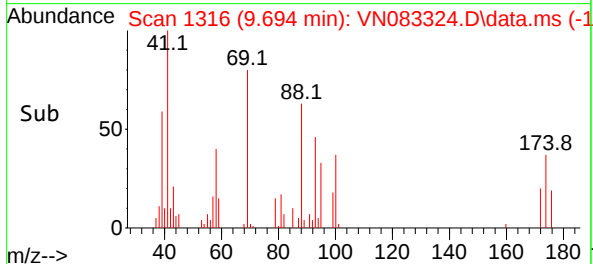
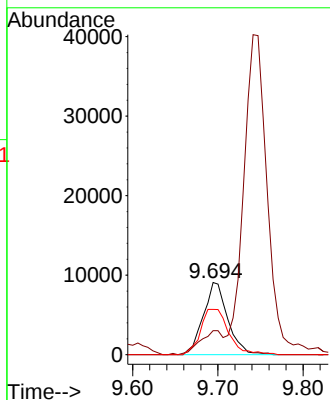
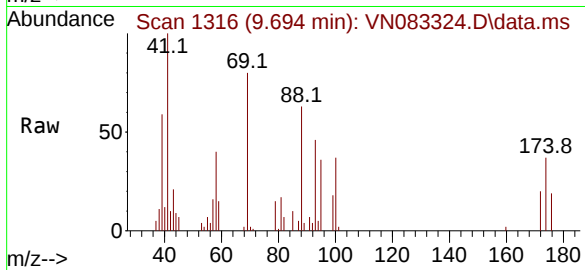
Tgt Ion: 88 Resp: 18156

Ion Ratio Lower Upper

88 100

43 30.5 27.8 41.8

58 72.3 59.4 89.0



#50

Toluene-d8

Concen: 52.218 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083324.D

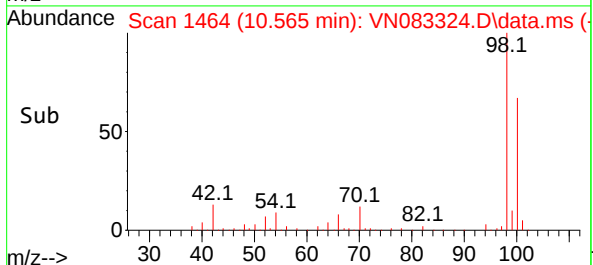
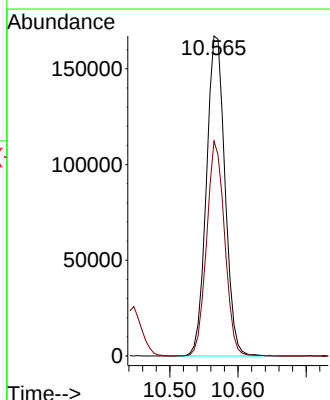
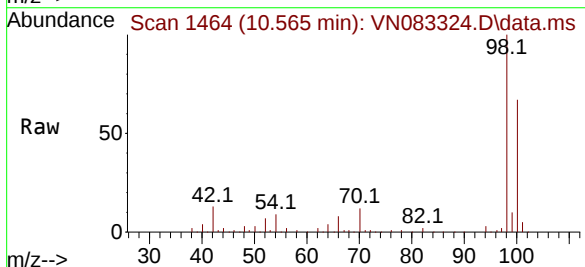
Acq: 15 Aug 2024 12:22

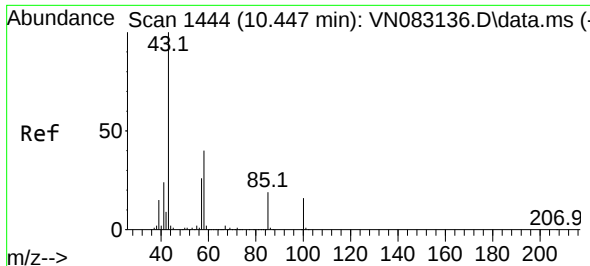
Tgt Ion: 98 Resp: 316463

Ion Ratio Lower Upper

98 100

100 65.2 51.5 77.3

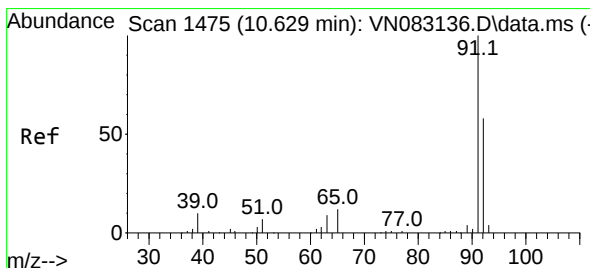
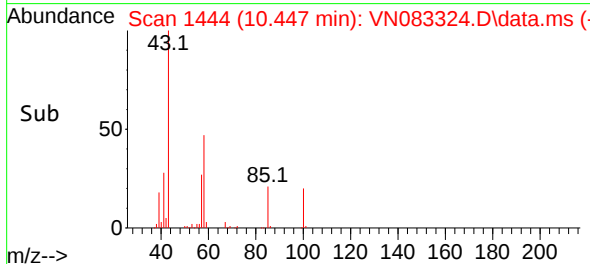
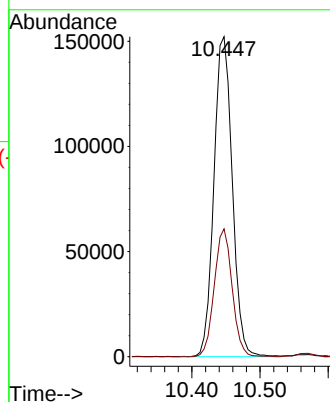
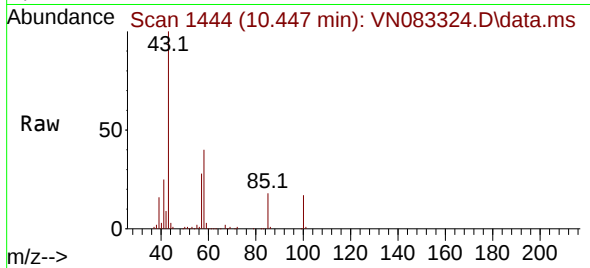




#51  
4-Methyl-2-Pentanone  
Concen: 109.840 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

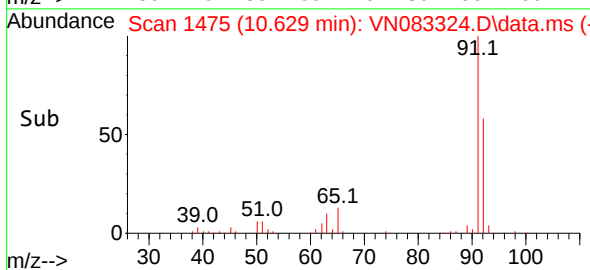
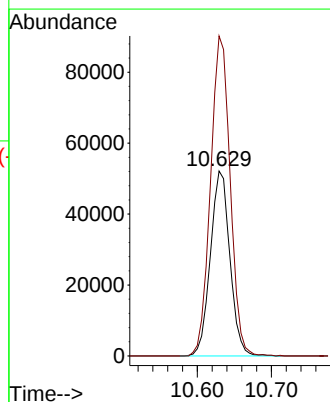
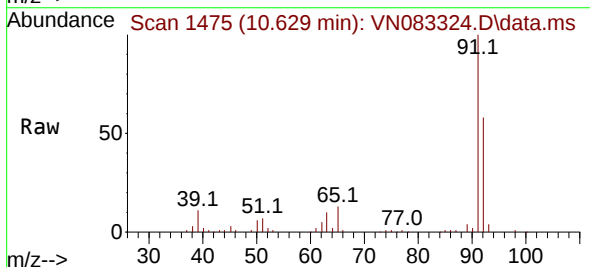
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0815WBSD01

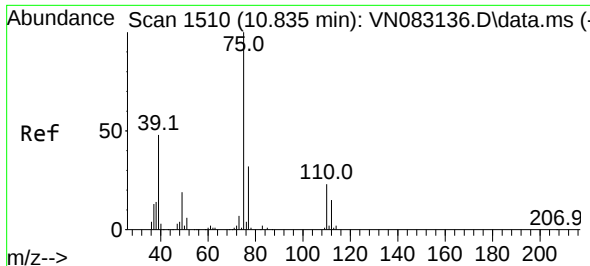
Tgt Ion: 43 Resp: 285823  
Ion Ratio Lower Upper  
43 100  
58 38.9 28.2 42.4



#52  
Toluene  
Concen: 20.590 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

Tgt Ion: 92 Resp: 95251  
Ion Ratio Lower Upper  
92 100  
91 174.4 139.4 209.0

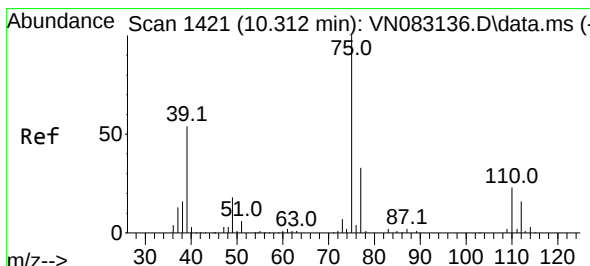
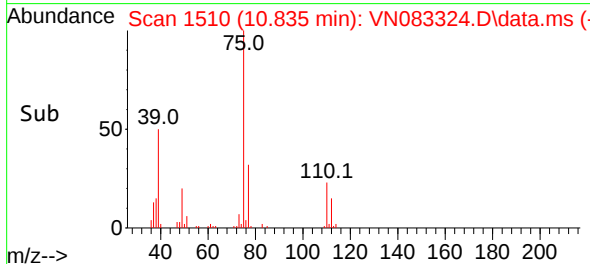
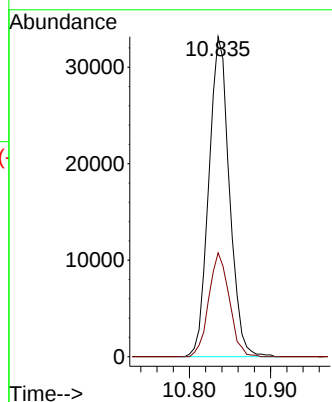
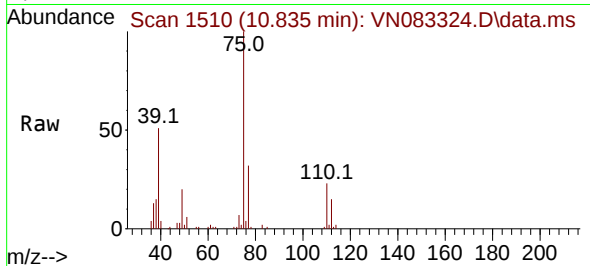




#53  
t-1,3-Dichloropropene  
Concen: 20.344 ug/l  
RT: 10.835 min Scan# 1510  
Delta R.T. 0.000 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

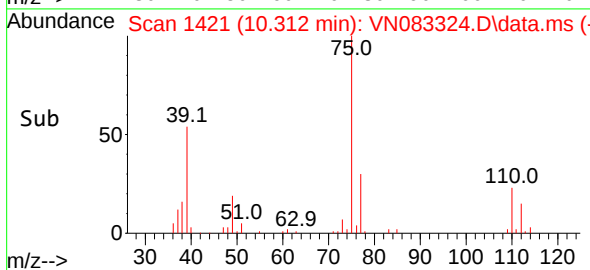
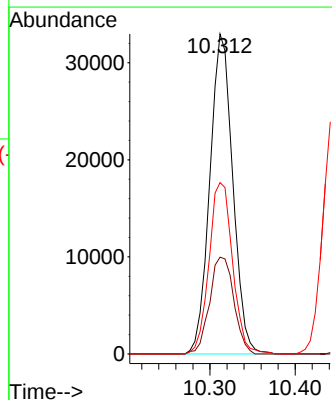
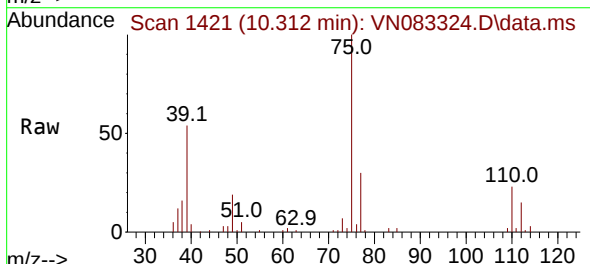
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0815WBSD01

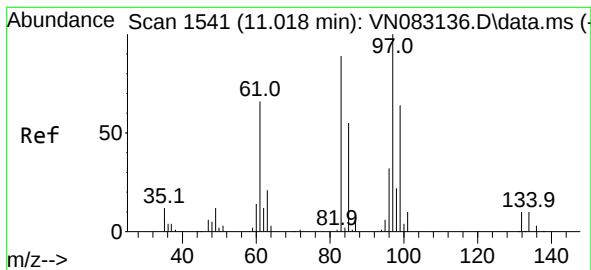
Tgt Ion: 75 Resp: 58368  
Ion Ratio Lower Upper  
75 100  
77 32.4 25.7 38.5



#54  
cis-1,3-Dichloropropene  
Concen: 20.206 ug/l  
RT: 10.312 min Scan# 1421  
Delta R.T. 0.000 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

Tgt Ion: 75 Resp: 61662  
Ion Ratio Lower Upper  
75 100  
77 30.2 24.3 36.5  
39 53.5 50.5 75.7





#55

1,1,2-Trichloroethane

Concen: 23.285 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN083324.D

Acq: 15 Aug 2024 12:22

Instrument :

MSVOA\_N

ClientSampleId :

VN0815WBSD01

Tgt Ion: 97 Resp: 38603

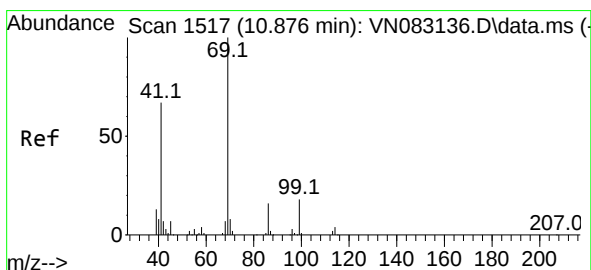
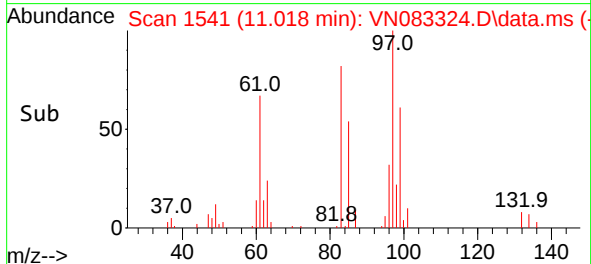
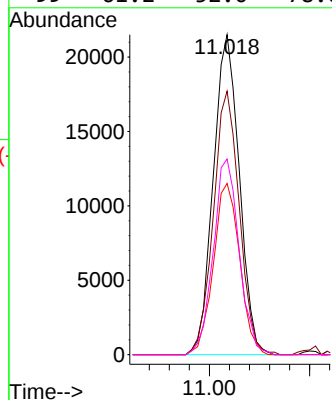
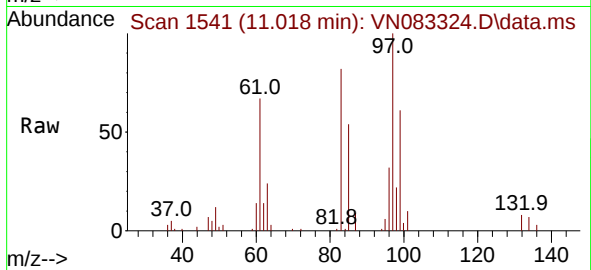
Ion Ratio Lower Upper

97 100

83 82.3 71.4 107.0

85 53.5 45.8 68.6

99 61.2 52.0 78.0



#56

Ethyl methacrylate

Concen: 20.413 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN083324.D

Acq: 15 Aug 2024 12:22

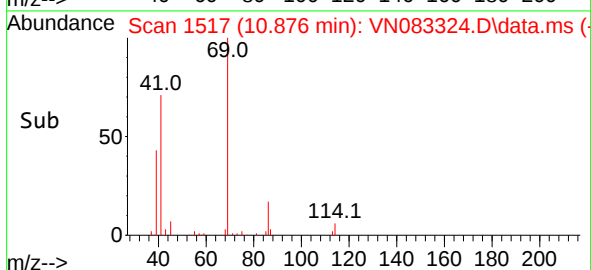
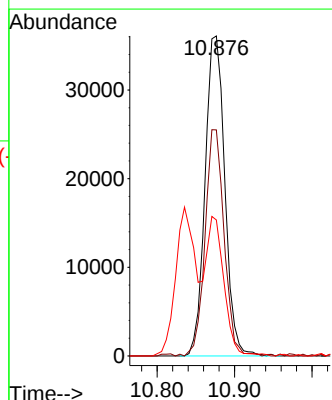
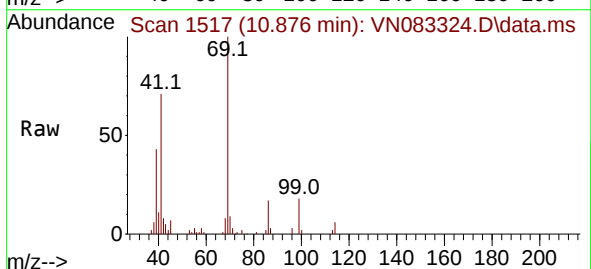
Tgt Ion: 69 Resp: 63796

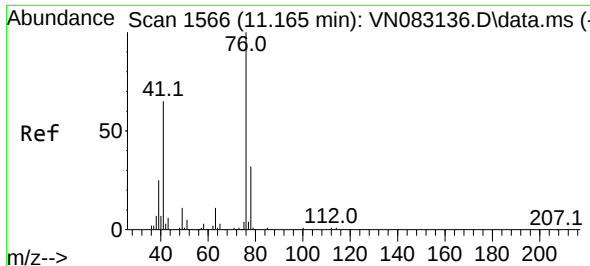
Ion Ratio Lower Upper

69 100

41 68.4 63.4 95.2

39 42.2 37.4 56.0

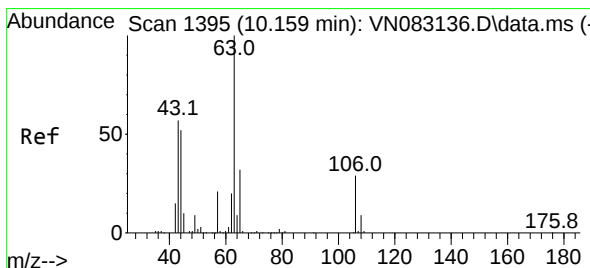
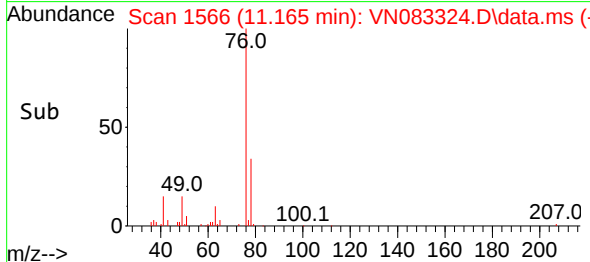
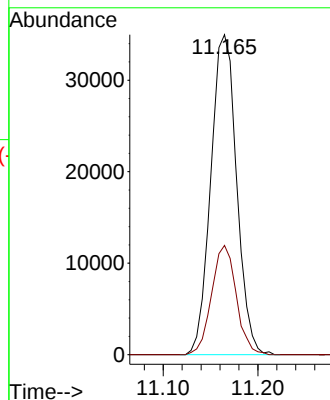
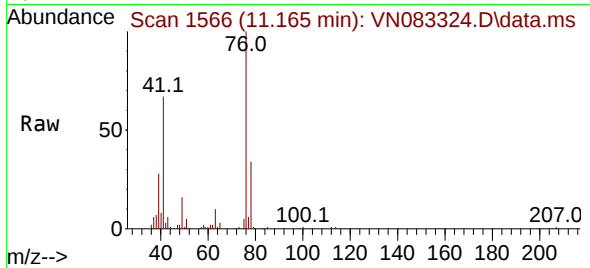




#57  
1,3-Dichloropropane  
Concen: 22.428 ug/l  
RT: 11.165 min Scan# 1116  
Delta R.T. 0.000 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

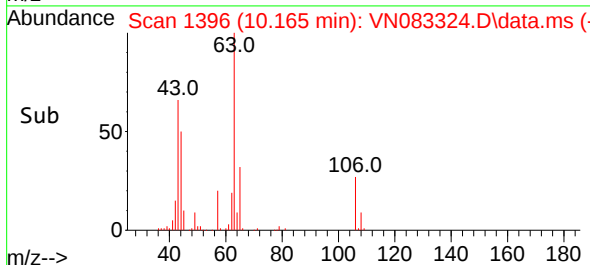
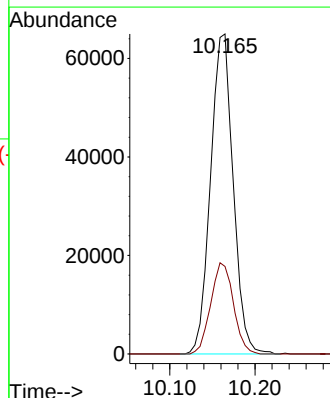
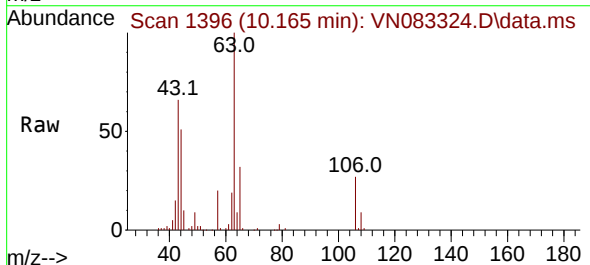
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0815WBSD01

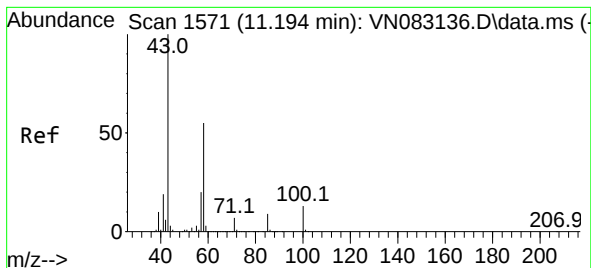
Tgt Ion: 76 Resp: 66274  
Ion Ratio Lower Upper  
76 100  
78 32.6 25.6 38.4



#58  
2-Chloroethyl Vinyl ether  
Concen: 90.614 ug/l  
RT: 10.165 min Scan# 1396  
Delta R.T. 0.006 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

Tgt Ion: 63 Resp: 119707  
Ion Ratio Lower Upper  
63 100  
106 28.5 21.4 32.0

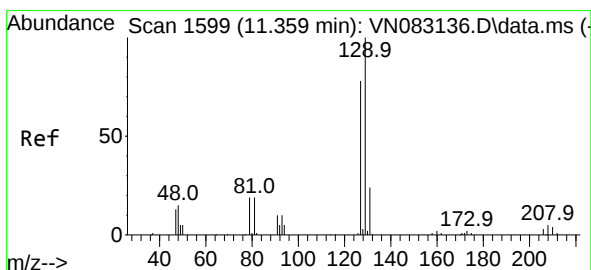
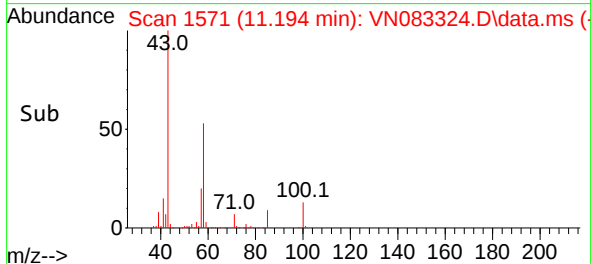
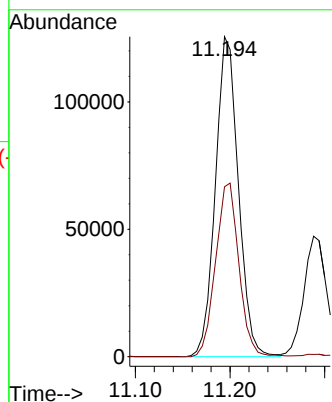
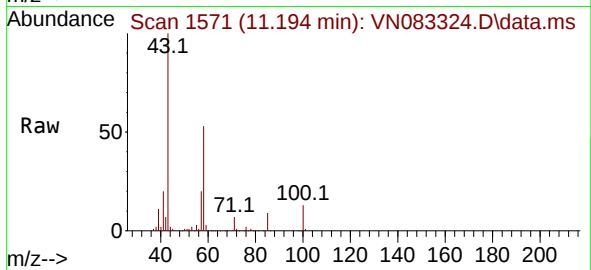




#59  
2-Hexanone  
Concen: 105.273 ug/l  
RT: 11.194 min Scan# 1119  
Delta R.T. 0.000 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

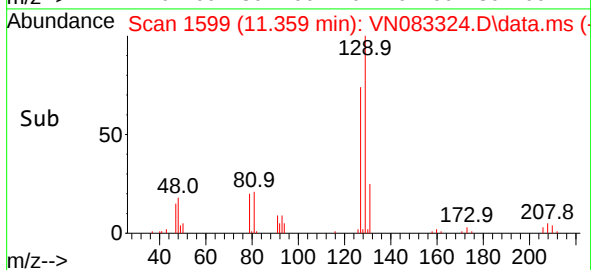
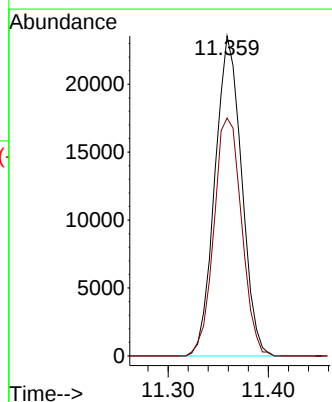
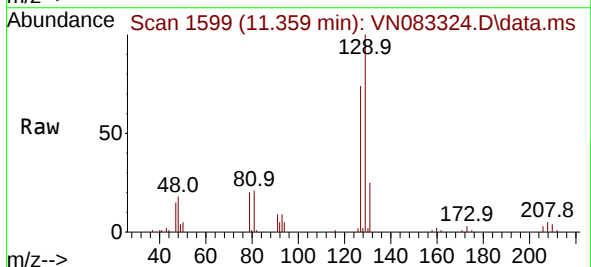
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MSVOA\_N  
ClientSampleId :  
VN0815WBSD01

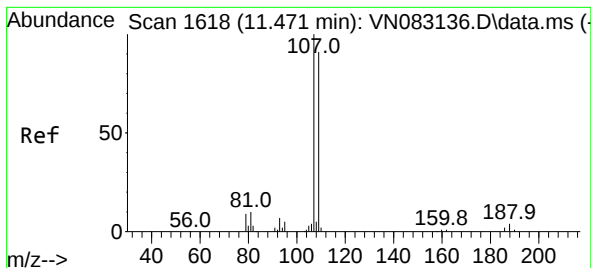
Tgt Ion: 43 Resp: 211929  
Ion Ratio Lower Upper  
43 100  
58 55.1 24.6 73.8



#60  
Dibromochloromethane  
Concen: 21.721 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. 0.000 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

Tgt Ion:129 Resp: 43536  
Ion Ratio Lower Upper  
129 100  
127 77.2 39.2 117.6





#61

1,2-Dibromoethane

Concen: 21.385 ug/l

RT: 11.471 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083324.D

Acq: 15 Aug 2024 12:22

Instrument :

MSVOA\_N

ClientSampleId :

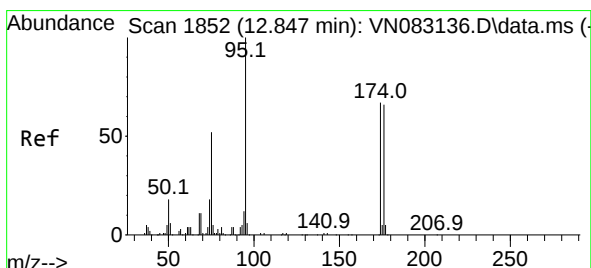
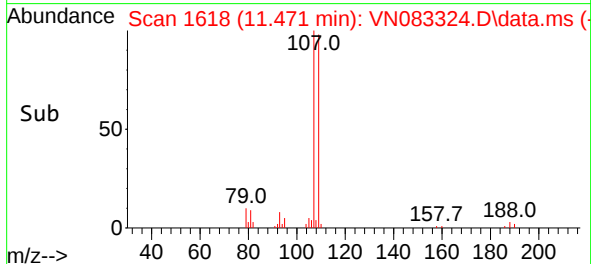
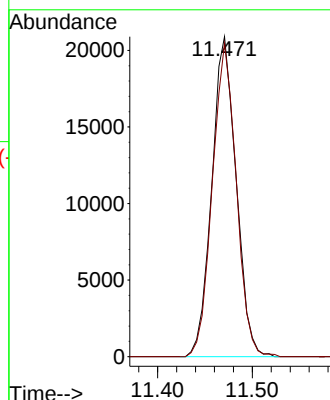
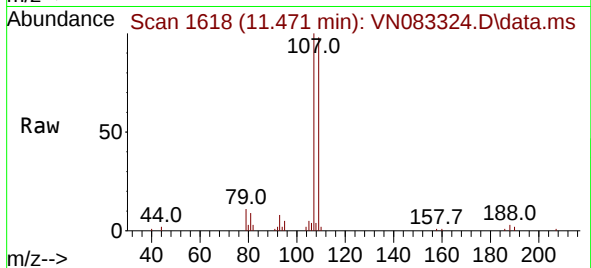
VN0815WBSD01

Tgt Ion:107 Resp: 37243

Ion Ratio Lower Upper

107 100

109 96.2 73.7 110.5



#62

4-Bromofluorobenzene

Concen: 51.269 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN083324.D

Acq: 15 Aug 2024 12:22

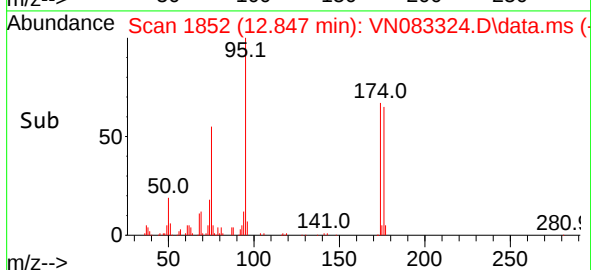
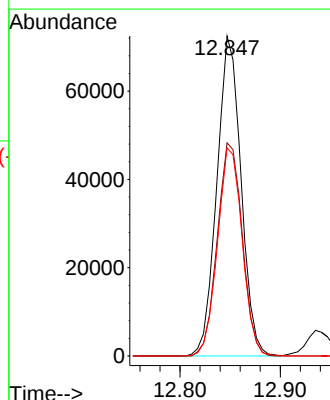
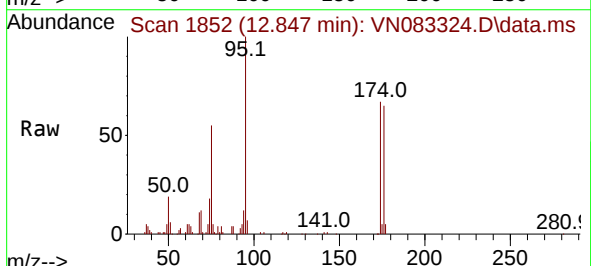
Tgt Ion: 95 Resp: 121132

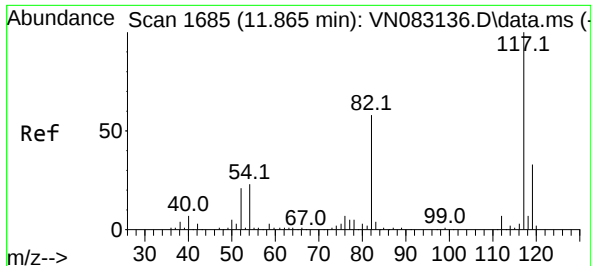
Ion Ratio Lower Upper

95 100

174 68.9 0.0 159.2

176 66.5 0.0 147.6

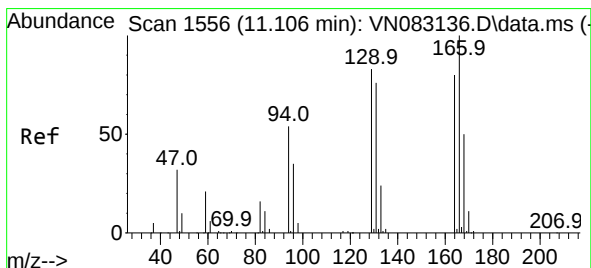
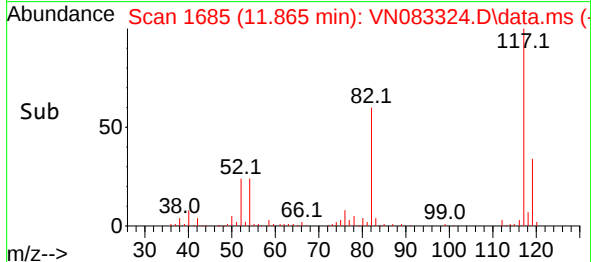
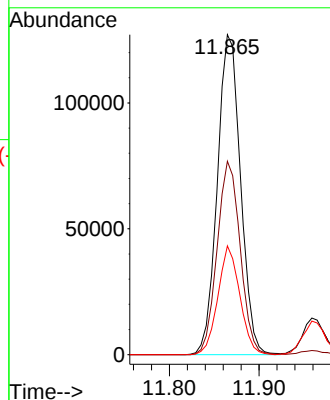
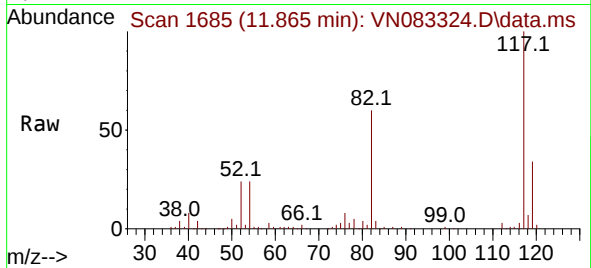




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

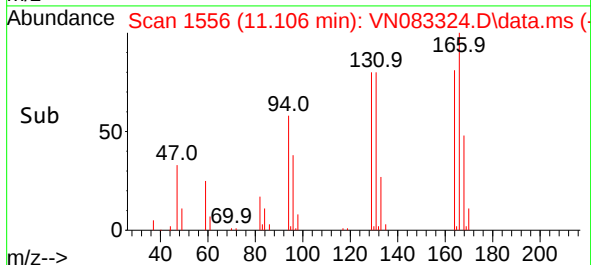
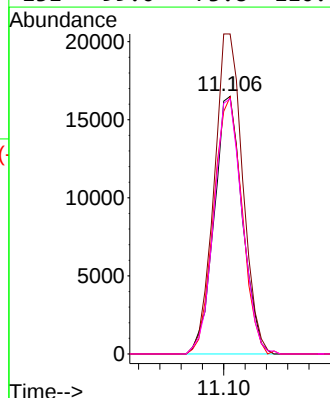
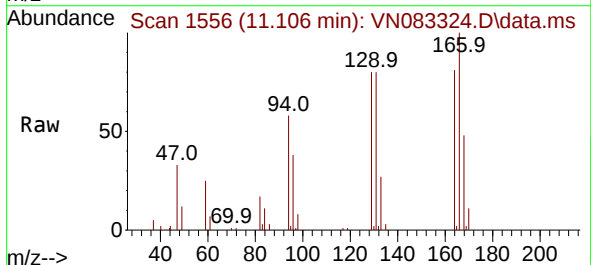
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0815WBSD01

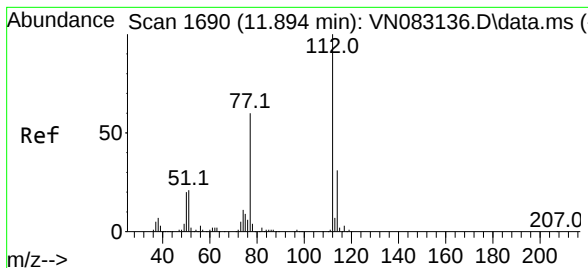
Tgt Ion:117 Resp: 228555  
Ion Ratio Lower Upper  
117 100  
82 60.5 47.5 71.3  
119 34.0 25.6 38.4



#64  
Tetrachloroethene  
Concen: 19.952 ug/l  
RT: 11.106 min Scan# 1556  
Delta R.T. 0.000 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

Tgt Ion:164 Resp: 30201  
Ion Ratio Lower Upper  
164 100  
166 124.2 101.4 152.0  
129 99.7 75.7 113.5  
131 99.0 73.8 110.6

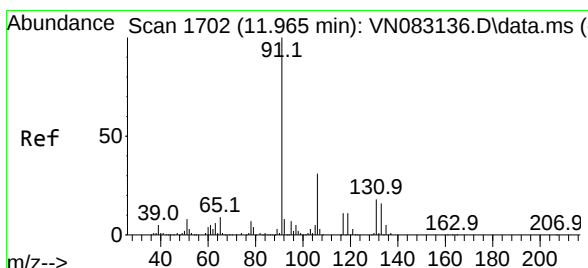
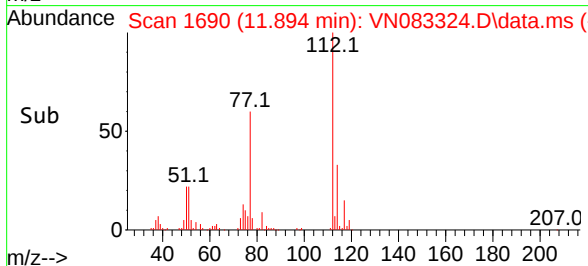
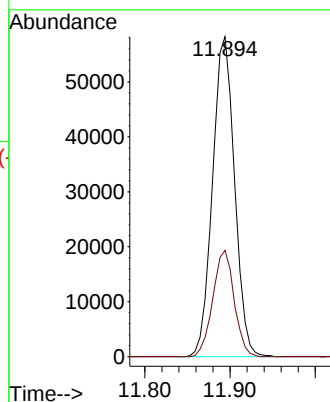
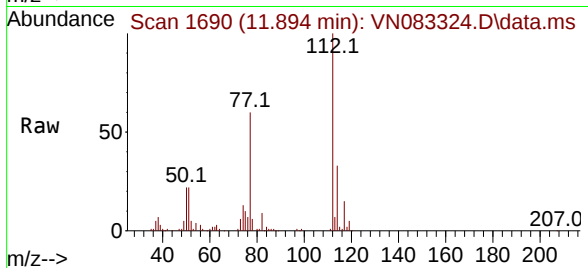




#65  
Chlorobenzene  
Concen: 20.681 ug/l  
RT: 11.894 min Scan# 1189  
Delta R.T. 0.000 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

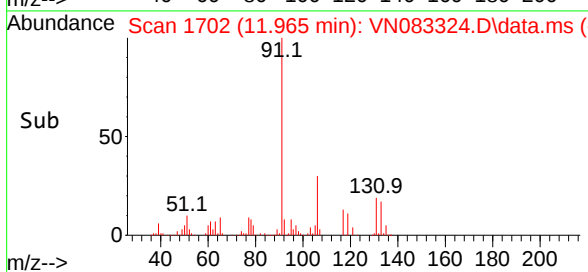
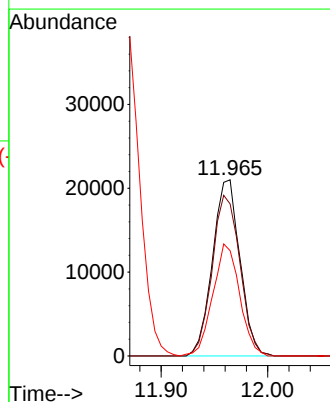
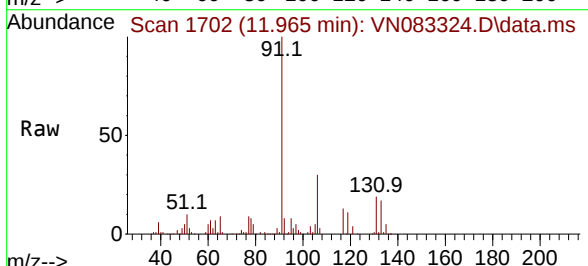
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0815WBSD01

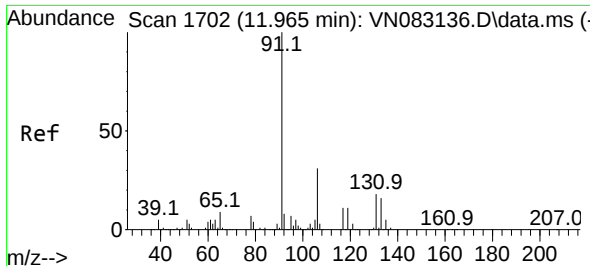
Tgt Ion:112 Resp: 104453  
Ion Ratio Lower Upper  
112 100  
114 33.2 26.2 39.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 21.074 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. 0.000 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

Tgt Ion:131 Resp: 37540  
Ion Ratio Lower Upper  
131 100  
133 92.8 47.3 142.0  
119 62.2 32.5 97.4

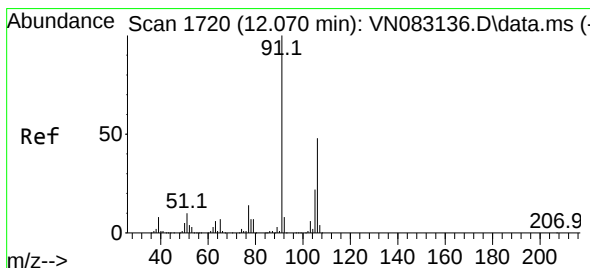
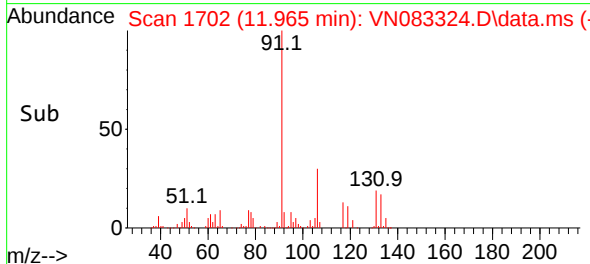
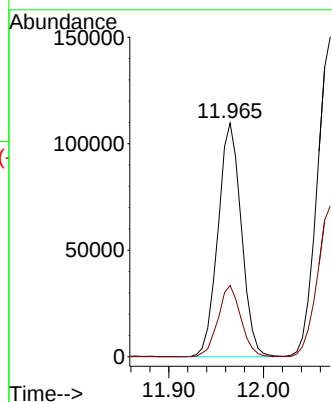
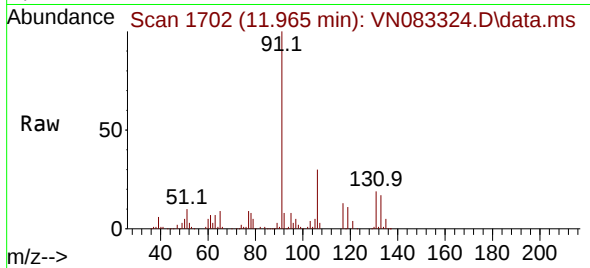




#67  
Ethyl Benzene  
Concen: 20.264 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. 0.000 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

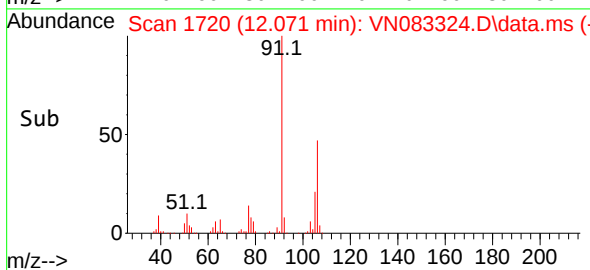
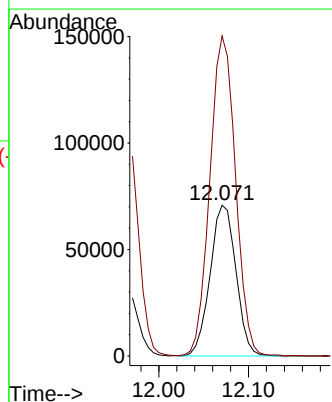
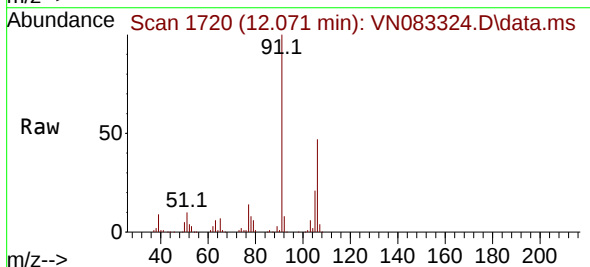
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0815WBSD01

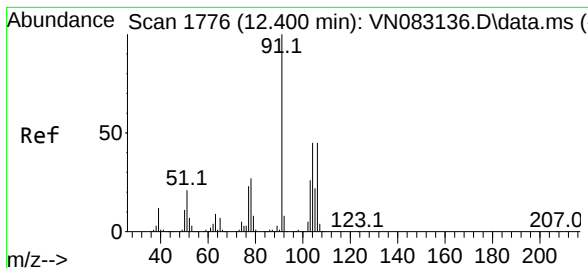
Tgt Ion: 91 Resp: 187759  
Ion Ratio Lower Upper  
91 100  
106 30.5 24.0 36.0



#68  
m/p-Xylenes  
Concen: 40.800 ug/l  
RT: 12.071 min Scan# 1720  
Delta R.T. 0.000 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

Tgt Ion: 106 Resp: 141607  
Ion Ratio Lower Upper  
106 100  
91 210.9 166.1 249.1

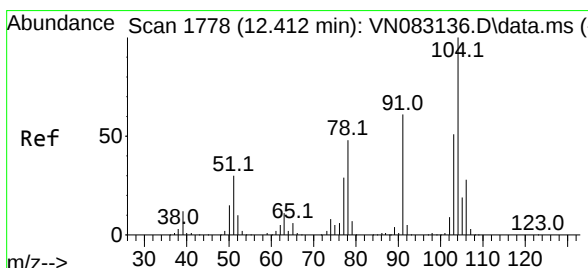
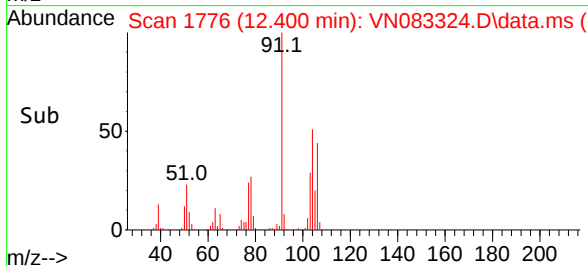
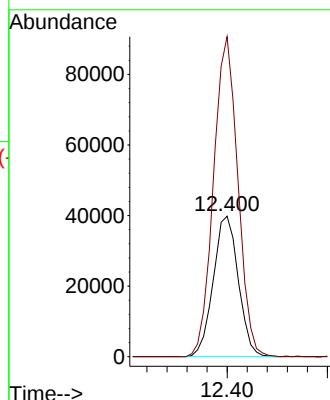
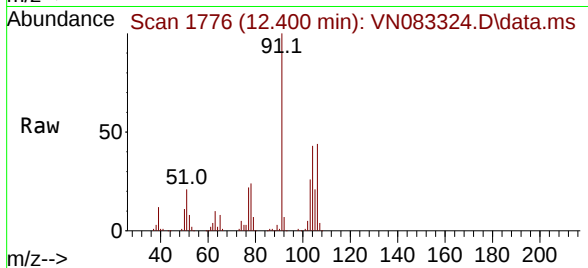




#69  
o-Xylene  
Concen: 20.136 ug/l  
RT: 12.400 min Scan# 1776  
Delta R.T. 0.000 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

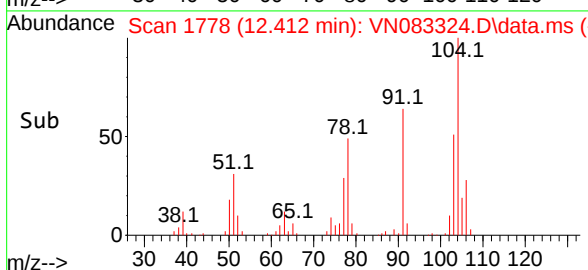
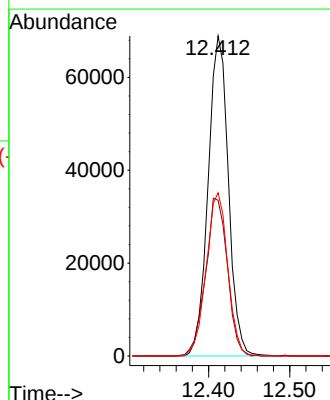
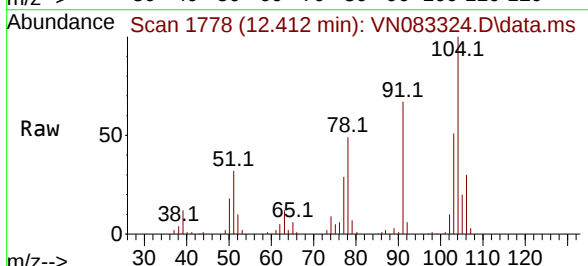
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0815WBSD01

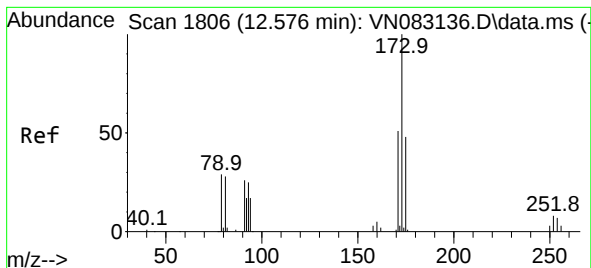
Tgt Ion:106 Resp: 68929  
Ion Ratio Lower Upper  
106 100  
91 221.2 111.3 333.9



#70  
Styrene  
Concen: 20.806 ug/l  
RT: 12.412 min Scan# 1778  
Delta R.T. 0.000 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

Tgt Ion:104 Resp: 119622  
Ion Ratio Lower Upper  
104 100  
78 53.1 41.6 62.4  
103 54.0 44.0 66.0





#71

Bromoform

Concen: 20.235 ug/l

RT: 12.576 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083324.D

Acq: 15 Aug 2024 12:22

Instrument :

MSVOA\_N

ClientSampleId :

VN0815WBSD01

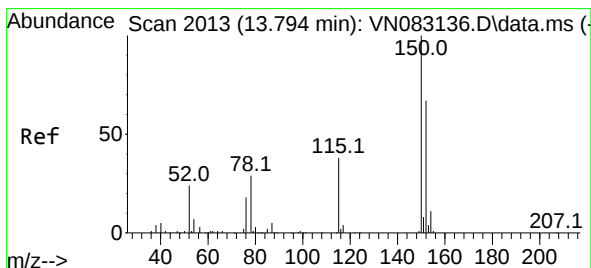
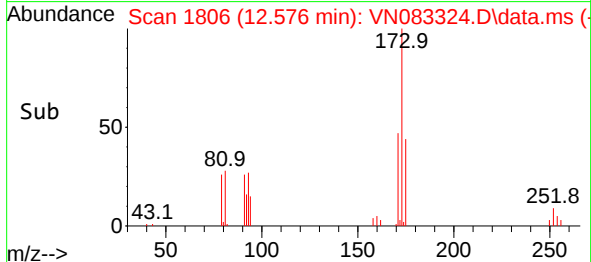
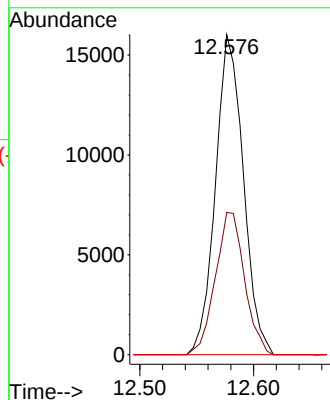
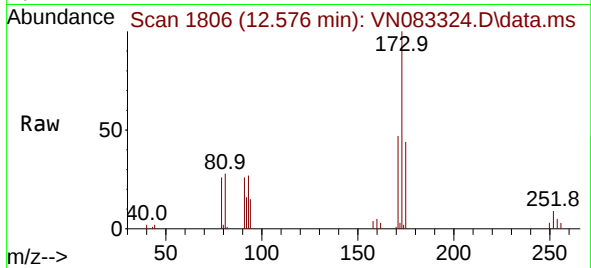
Tgt Ion:173 Resp: 27306

Ion Ratio Lower Upper

173 100

175 46.6 24.0 72.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN083324.D

Acq: 15 Aug 2024 12:22

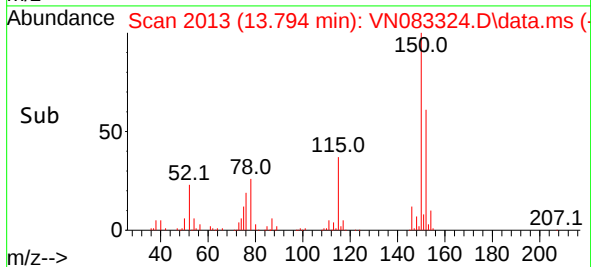
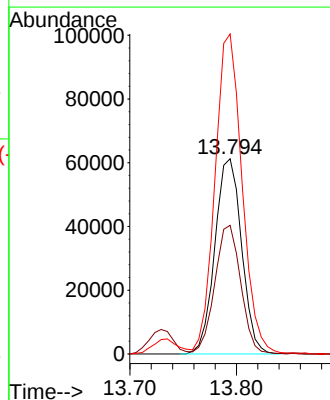
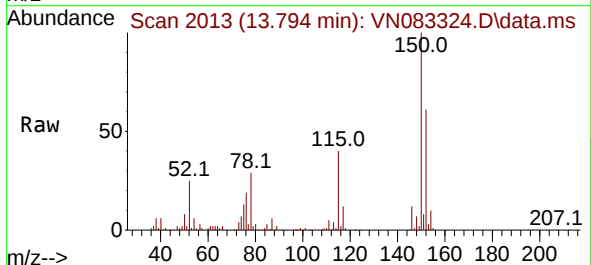
Tgt Ion:152 Resp: 106709

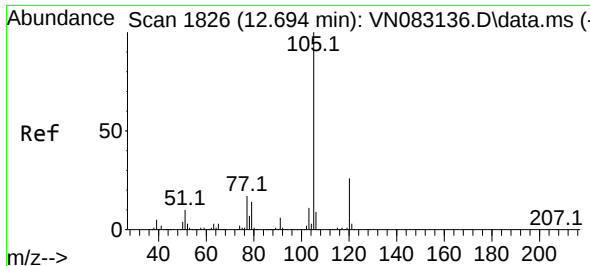
Ion Ratio Lower Upper

152 100

115 64.0 30.6 91.6

150 166.3 0.0 348.6

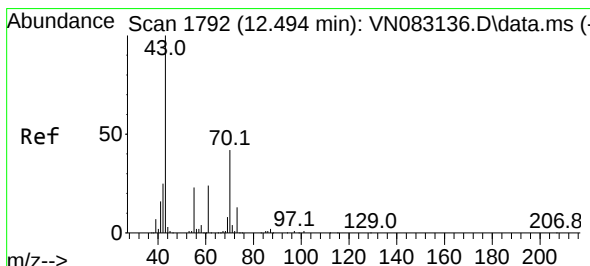
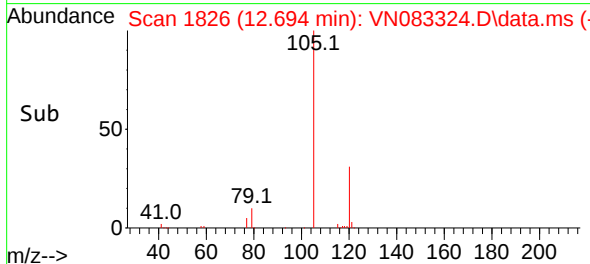
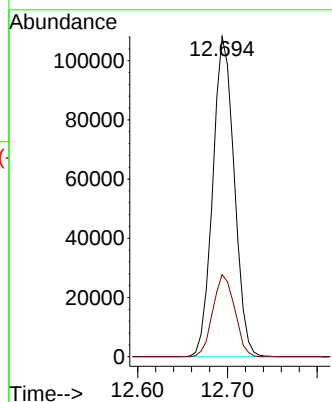
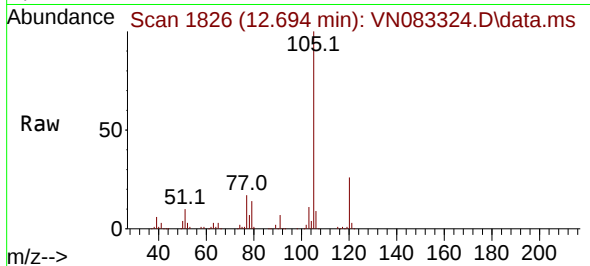




#73  
Isopropylbenzene  
Concen: 20.142 ug/l  
RT: 12.694 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

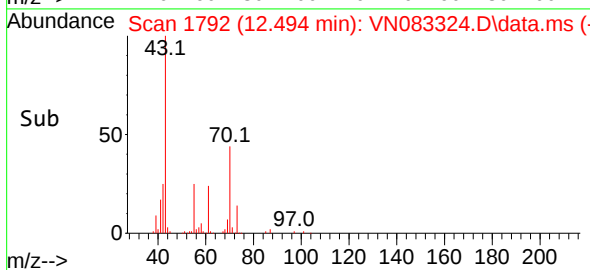
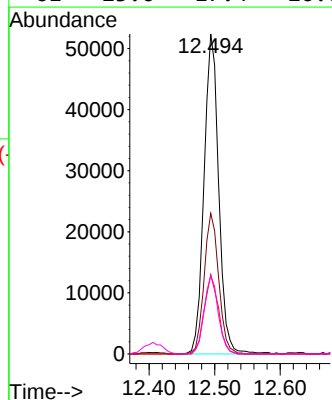
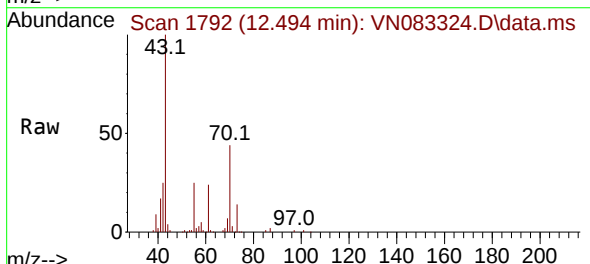
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0815WBSD01

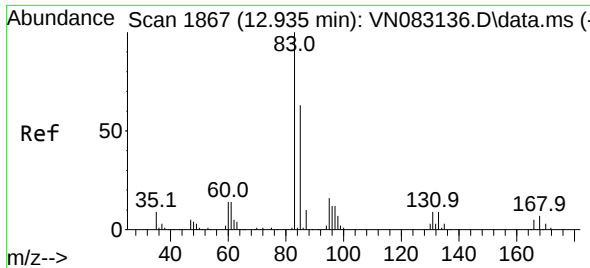
Tgt Ion:105 Resp: 179776  
Ion Ratio Lower Upper  
105 100  
120 26.0 12.9 38.6



#74  
N-ethyl acetate  
Concen: 18.728 ug/l  
RT: 12.494 min Scan# 1792  
Delta R.T. 0.000 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

Tgt Ion: 43 Resp: 81763  
Ion Ratio Lower Upper  
43 100  
70 43.6 29.8 44.6  
55 24.0 18.7 28.1  
61 23.6 17.4 26.0

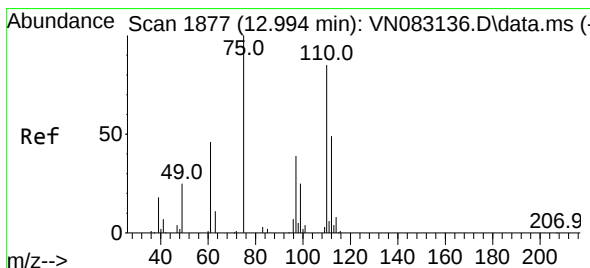
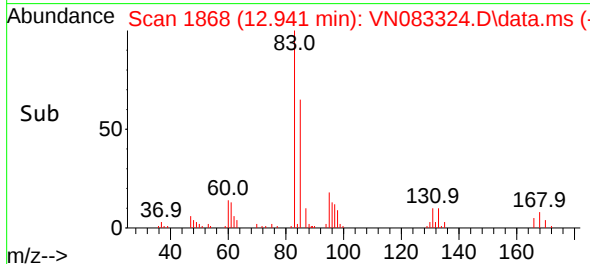
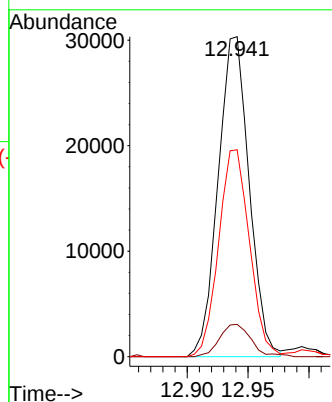
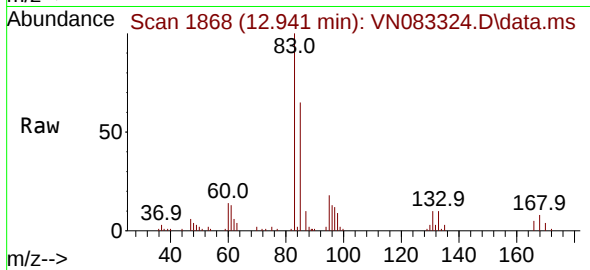




#75  
1,1,2,2-Tetrachloroethane  
Concen: 21.335 ug/l  
RT: 12.941 min Scan# 1868  
Delta R.T. 0.006 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

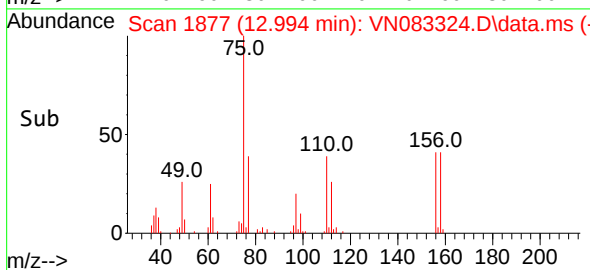
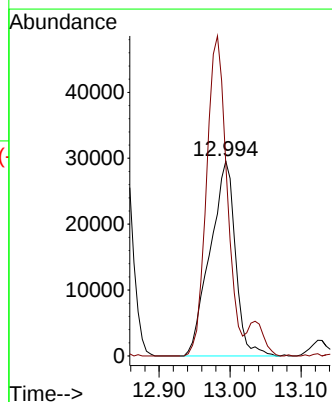
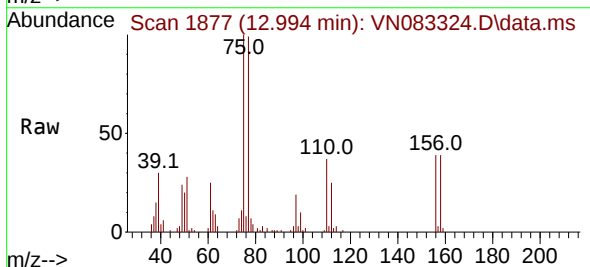
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0815WBSD01

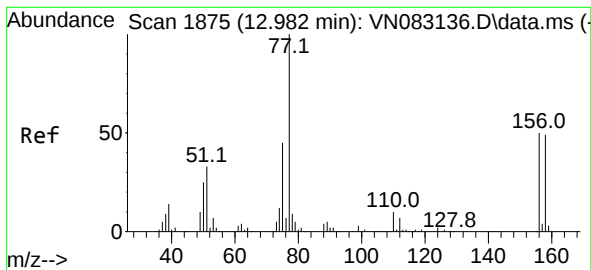
Tgt Ion: 83 Resp: 53857  
Ion Ratio Lower Upper  
83 100  
131 10.3 5.0 14.9  
85 64.4 31.9 95.7



#76  
1,2,3-Trichloropropane  
Concen: 31.193 ug/l  
RT: 12.994 min Scan# 1877  
Delta R.T. 0.000 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

Tgt Ion: 75 Resp: 73054  
Ion Ratio Lower Upper  
75 100  
77 132.4 110.9 332.6





#77

Bromobenzene

Concen: 20.486 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.006 min

Lab File: VN083324.D

Acq: 15 Aug 2024 12:22

Instrument :

MSVOA\_N

ClientSampleId :

VN0815WBSD01

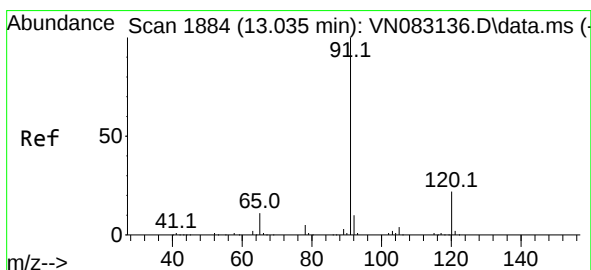
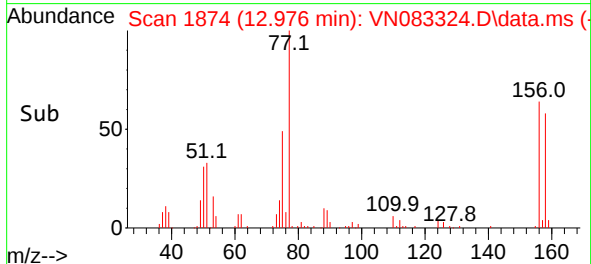
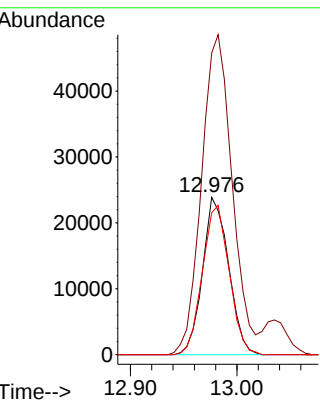
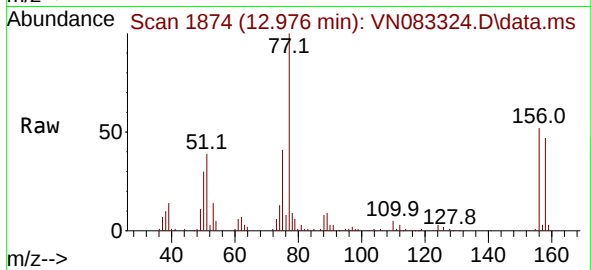
Tgt Ion:156 Resp: 40618

Ion Ratio Lower Upper

156 100

77 238.0 111.3 333.8

158 97.4 48.3 144.9



#78

n-propylbenzene

Concen: 20.341 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN083324.D

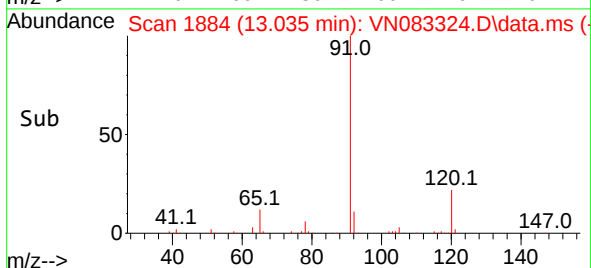
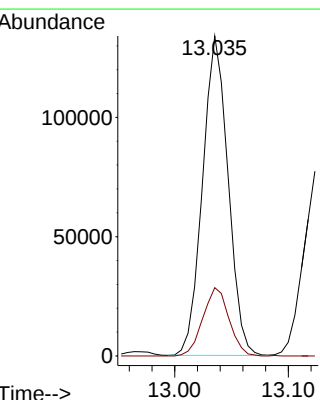
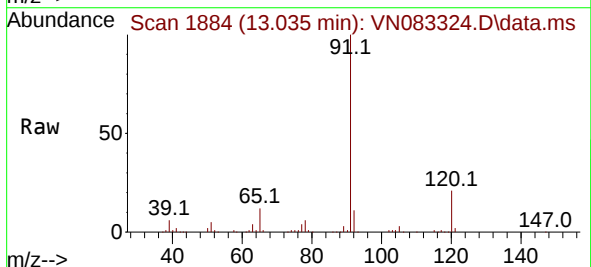
Acq: 15 Aug 2024 12:22

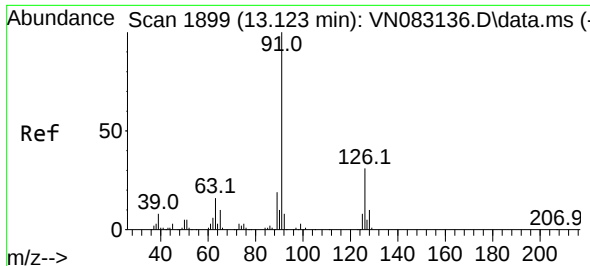
Tgt Ion: 91 Resp: 209058

Ion Ratio Lower Upper

91 100

120 21.9 10.9 32.9

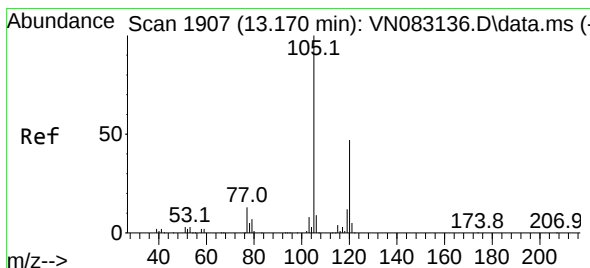
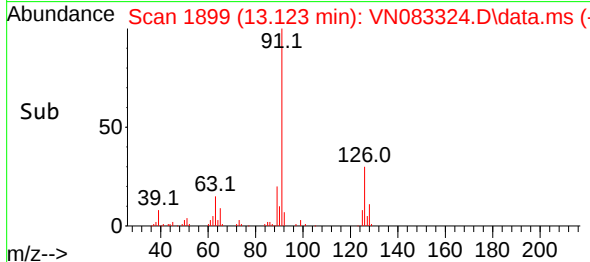
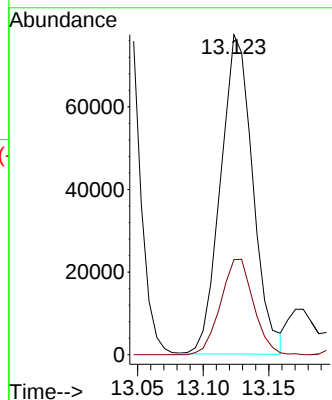
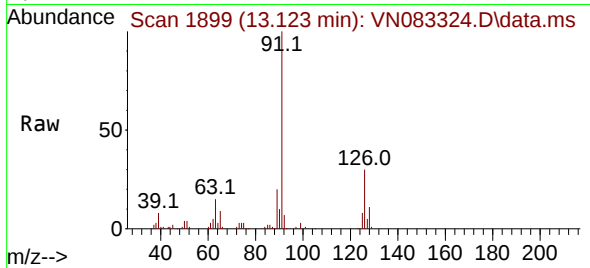




#79  
2-Chlorotoluene  
Concen: 20.305 ug/l  
RT: 13.123 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

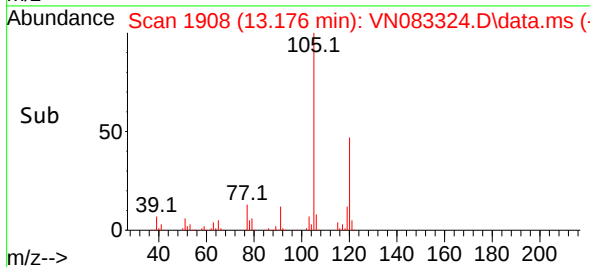
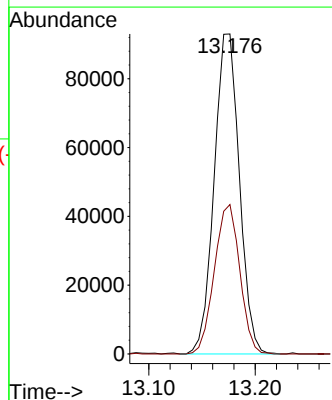
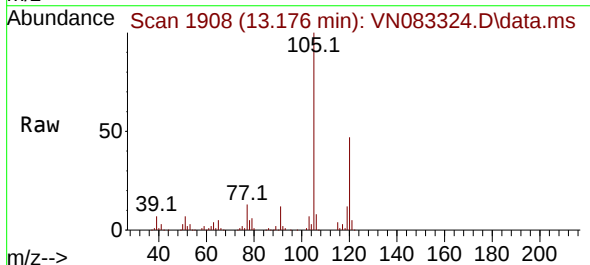
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0815WBSD01

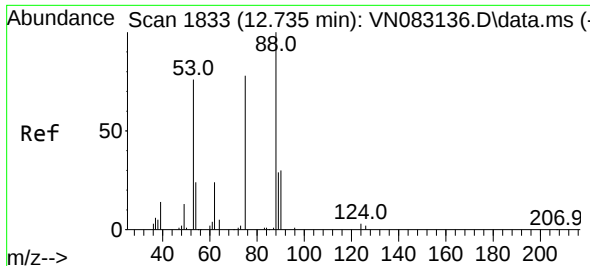
Tgt Ion: 91 Resp: 132307  
Ion Ratio Lower Upper  
91 100  
126 30.4 16.2 48.6



#80  
1,3,5-Trimethylbenzene  
Concen: 20.470 ug/l  
RT: 13.176 min Scan# 1908  
Delta R.T. 0.006 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

Tgt Ion: 105 Resp: 152957  
Ion Ratio Lower Upper  
105 100  
120 47.0 24.3 72.8

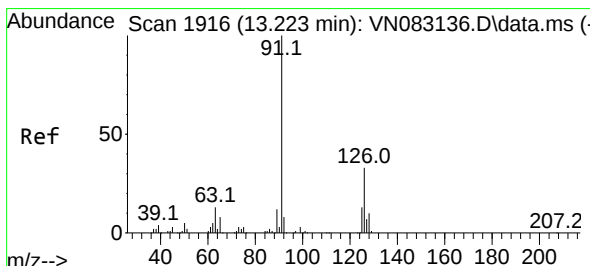
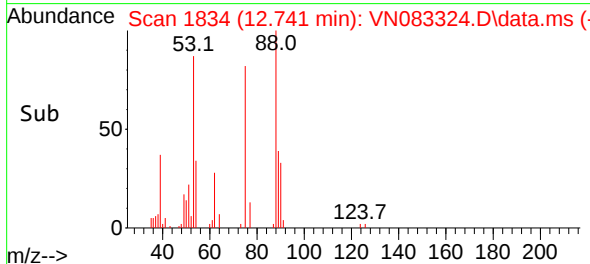
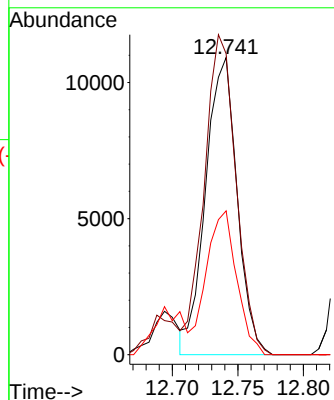
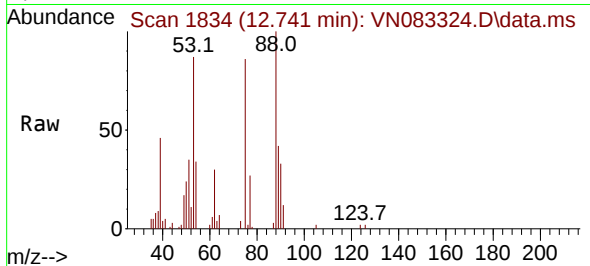




#81  
trans-1,4-Dichloro-2-butene  
Concen: 16.914 ug/l  
RT: 12.741 min Scan# 1834  
Delta R.T. 0.006 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

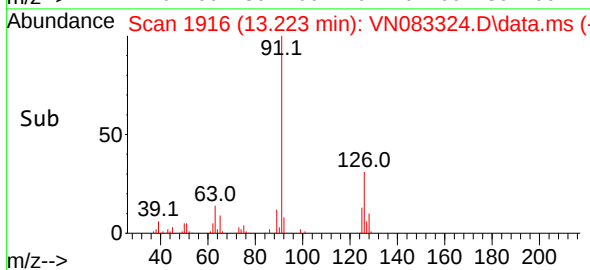
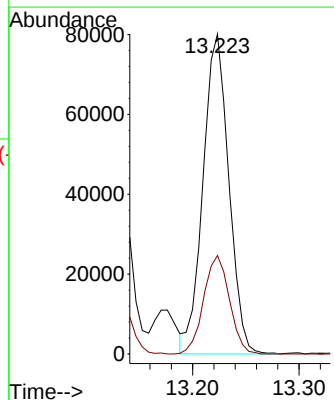
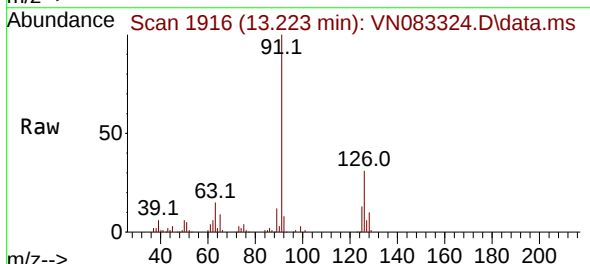
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0815WBSD01

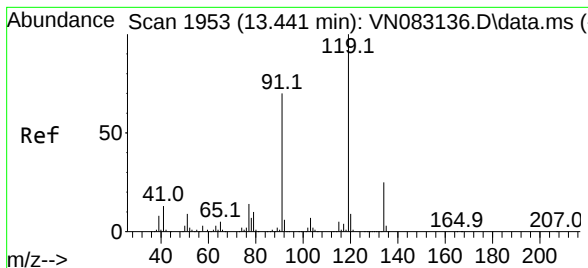
Tgt Ion: 75 Resp: 18211  
Ion Ratio Lower Upper  
75 100  
53 109.3 88.4 132.6  
89 46.8 36.3 54.5



#82  
4-Chlorotoluene  
Concen: 20.645 ug/l  
RT: 13.223 min Scan# 1916  
Delta R.T. 0.000 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

Tgt Ion: 91 Resp: 134932  
Ion Ratio Lower Upper  
91 100  
126 30.7 16.2 48.6





#83

tert-Butylbenzene

Concen: 20.048 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN083324.D

Acq: 15 Aug 2024 12:22

Instrument :

MSVOA\_N

ClientSampleId :

VN0815WBSD01

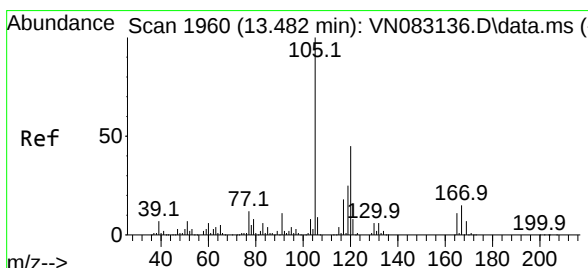
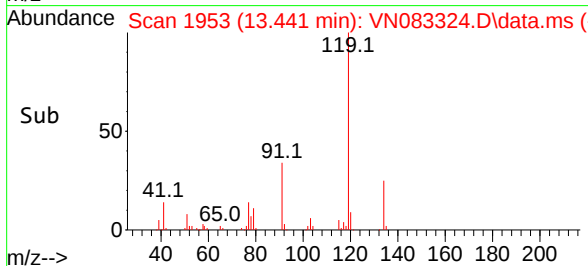
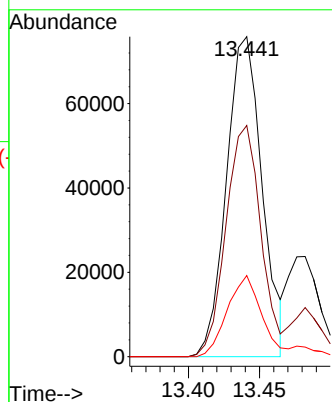
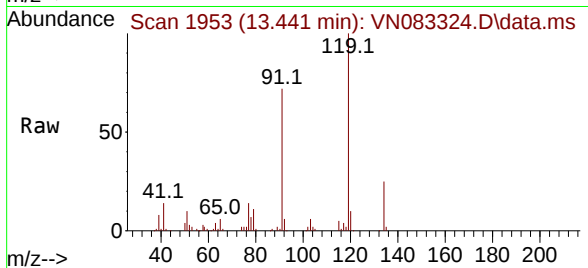
Tgt Ion:119 Resp: 132666

Ion Ratio Lower Upper

119 100

91 70.6 35.0 105.1

134 24.4 13.3 39.8



#84

1,2,4-Trimethylbenzene

Concen: 20.376 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN083324.D

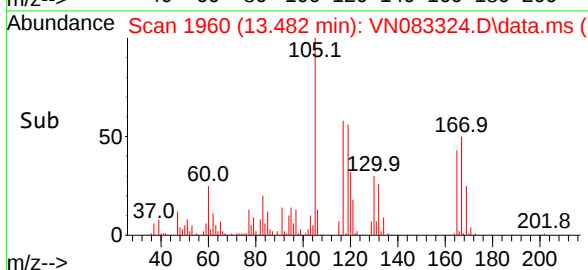
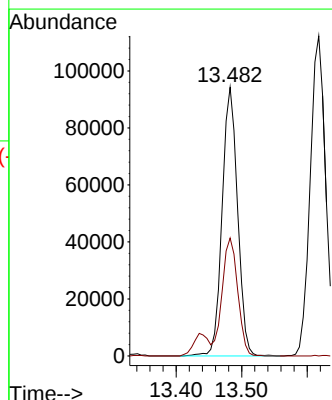
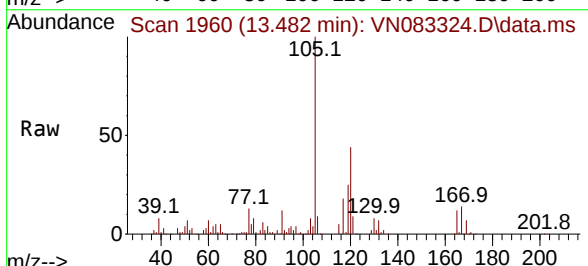
Acq: 15 Aug 2024 12:22

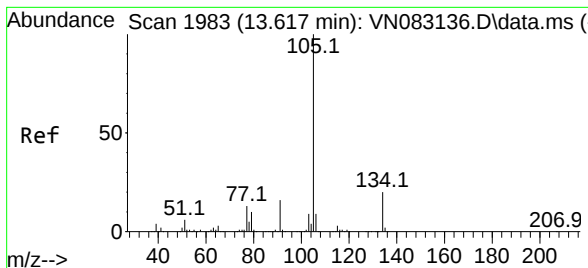
Tgt Ion:105 Resp: 153444

Ion Ratio Lower Upper

105 100

120 44.3 21.9 65.8

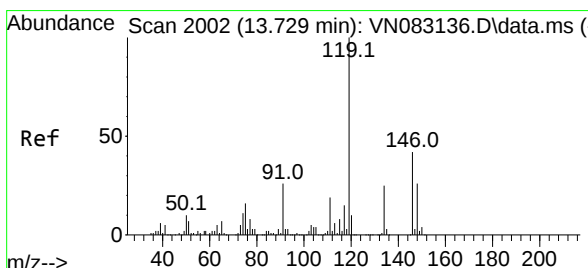
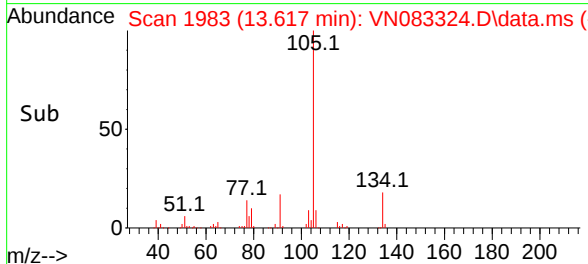
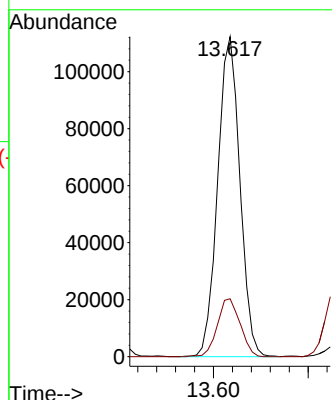
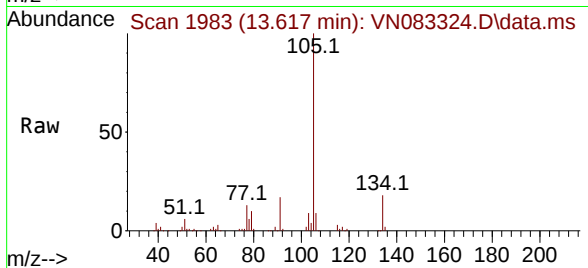




#85  
 sec-Butylbenzene  
 Concen: 20.255 ug/l  
 RT: 13.617 min Scan# 1983  
 Delta R.T. 0.000 min  
 Lab File: VN083324.D  
 Acq: 15 Aug 2024 12:22

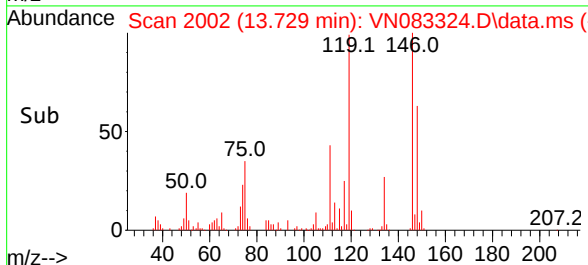
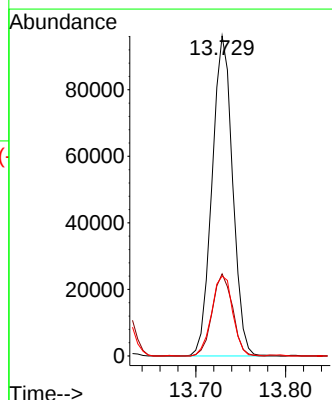
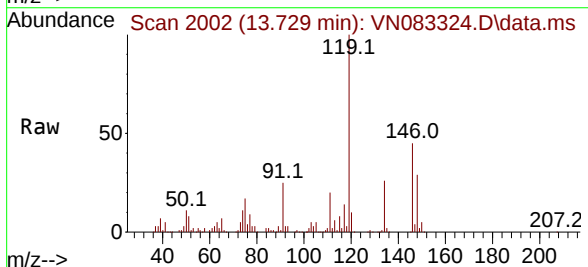
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0815WBSD01

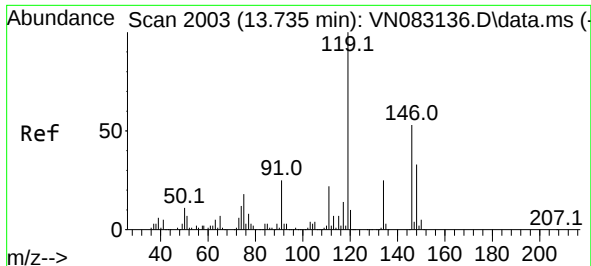
Tgt Ion:105 Resp: 182895  
 Ion Ratio Lower Upper  
 105 100  
 134 18.6 9.8 29.3



#86  
 p-Isopropyltoluene  
 Concen: 20.509 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. 0.000 min  
 Lab File: VN083324.D  
 Acq: 15 Aug 2024 12:22

Tgt Ion:119 Resp: 152909  
 Ion Ratio Lower Upper  
 119 100  
 134 25.3 13.0 39.0  
 91 25.7 12.3 36.9

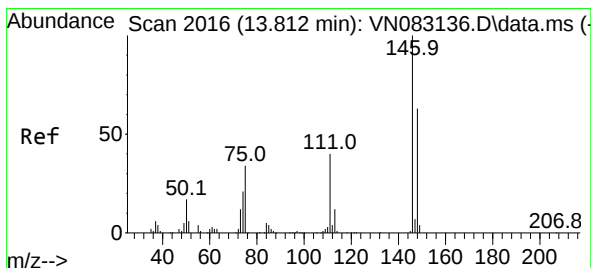
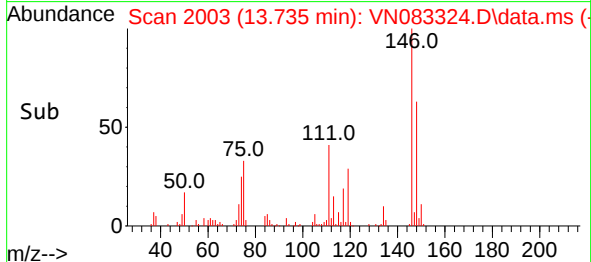
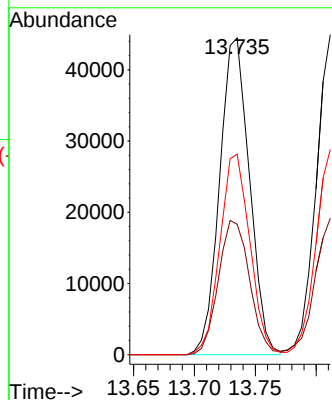
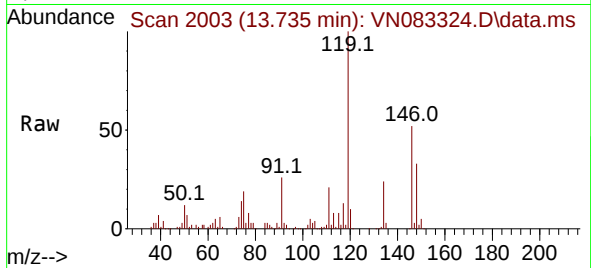




#87  
1,3-Dichlorobenzene  
Concen: 20.352 ug/l  
RT: 13.735 min Scan# 2003  
Delta R.T. 0.000 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

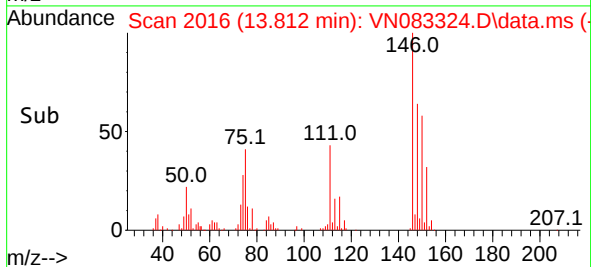
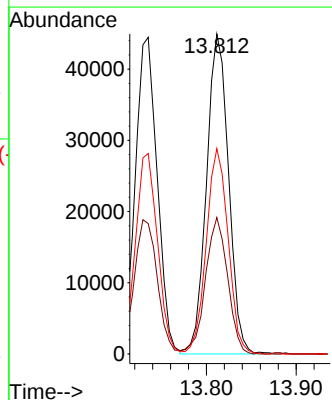
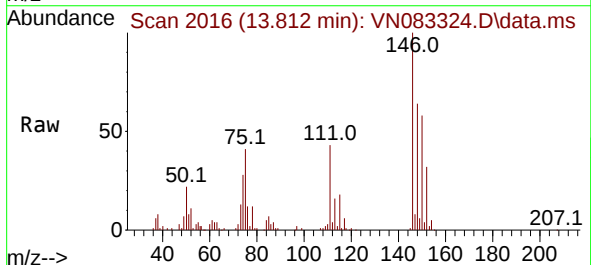
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0815WBSD01

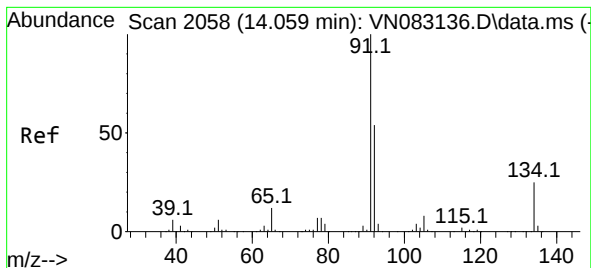
Tgt Ion:146 Resp: 75929  
Ion Ratio Lower Upper  
146 100  
111 44.4 20.6 61.9  
148 63.7 31.8 95.3



#88  
1,4-Dichlorobenzene  
Concen: 20.398 ug/l  
RT: 13.812 min Scan# 2016  
Delta R.T. 0.000 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

Tgt Ion:146 Resp: 76721  
Ion Ratio Lower Upper  
146 100  
111 42.9 20.1 60.3  
148 63.6 32.2 96.6





#89

n-Butylbenzene

Concen: 20.040 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN083324.D

Acq: 15 Aug 2024 12:22

Instrument :

MSVOA\_N

ClientSampleId :

VN0815WBSD01

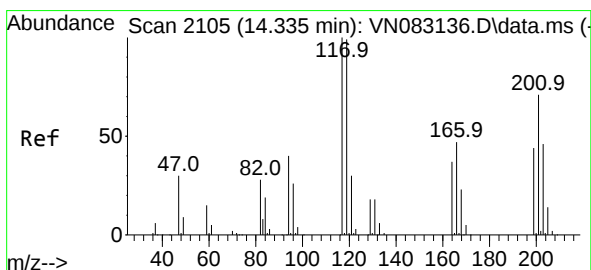
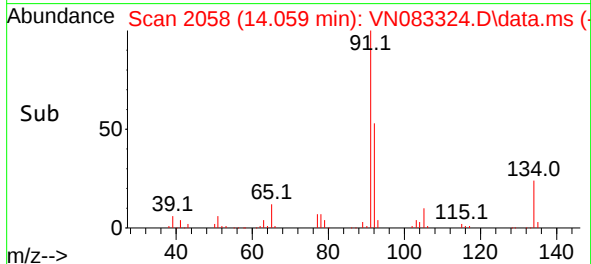
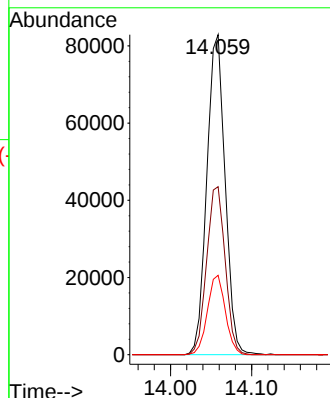
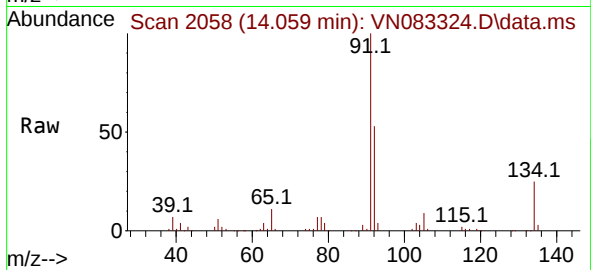
Tgt Ion: 91 Resp: 129459

Ion Ratio Lower Upper

91 100

92 53.2 26.1 78.3

134 24.4 12.1 36.3



#90

Hexachloroethane

Concen: 18.805 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN083324.D

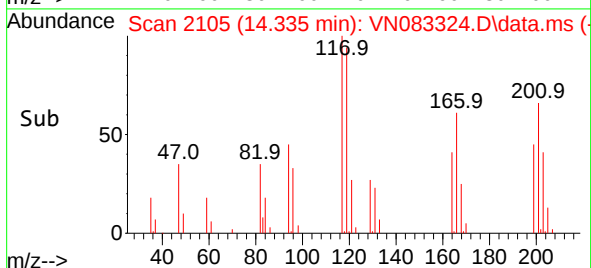
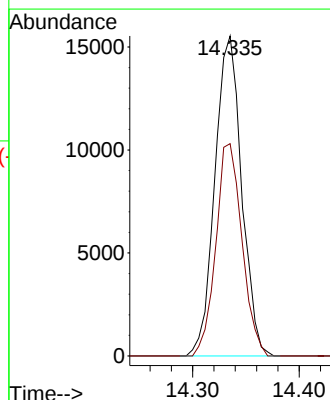
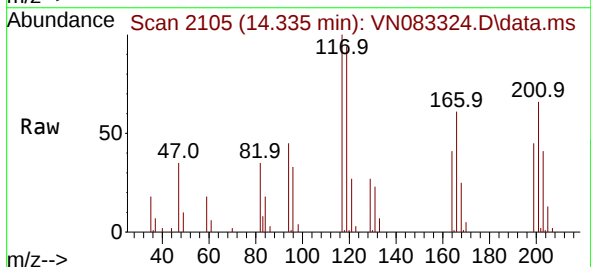
Acq: 15 Aug 2024 12:22

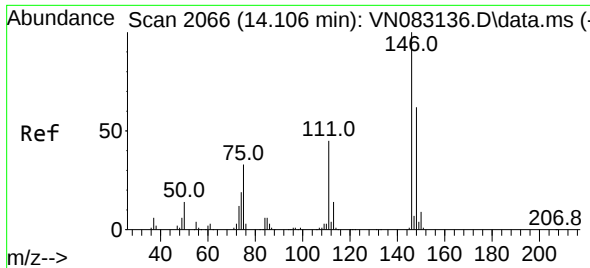
Tgt Ion: 117 Resp: 27086

Ion Ratio Lower Upper

117 100

201 64.7 35.8 107.3

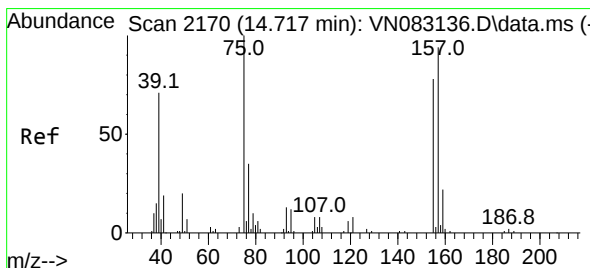
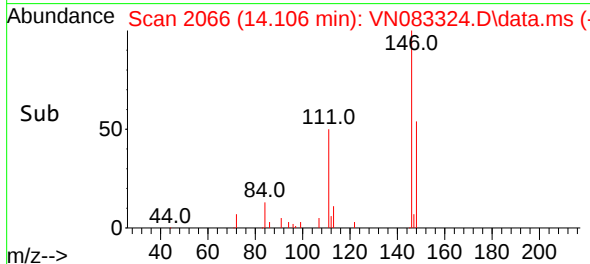
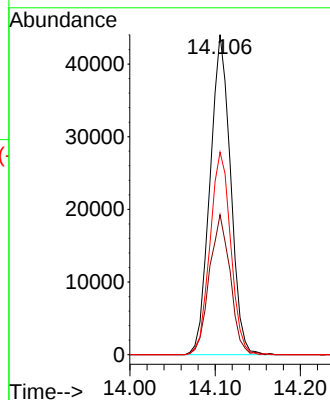
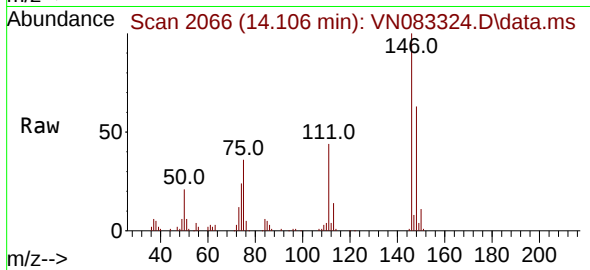




#91  
1,2-Dichlorobenzene  
Concen: 20.386 ug/l  
RT: 14.106 min Scan# 2066  
Delta R.T. 0.000 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

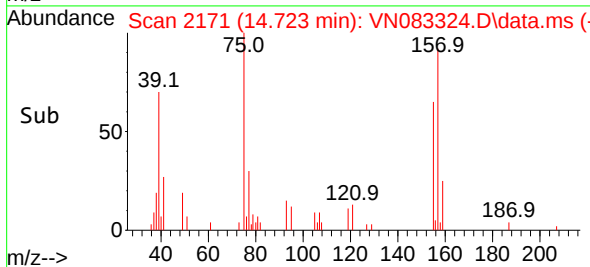
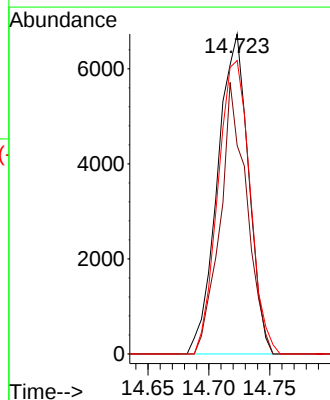
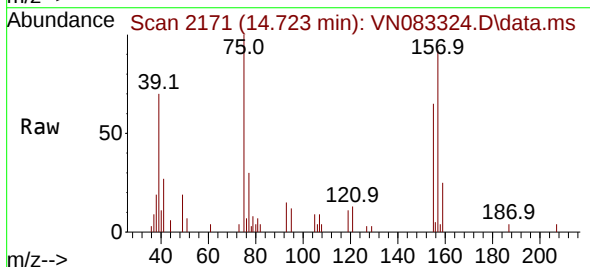
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0815WBSD01

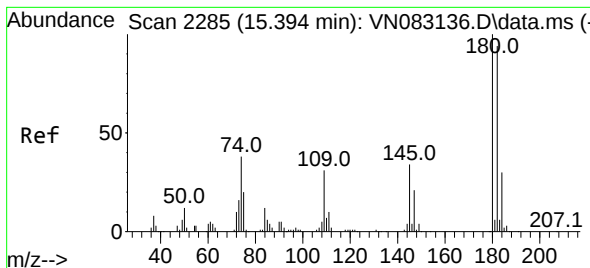
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 73599 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 44.5  | 21.4  | 64.2  |
| 148      | 64.0  | 32.1  | 96.5  |



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 19.480 ug/l  
RT: 14.723 min Scan# 2171  
Delta R.T. 0.006 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 11933 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 155      | 72.7  | 36.6  | 109.8 |
| 157      | 94.5  | 46.9  | 140.6 |





#93

1,2,4-Trichlorobenzene

Concen: 19.974 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN083324.D

Acq: 15 Aug 2024 12:22

Instrument :

MSVOA\_N

ClientSampleId :

VN0815WBSD01

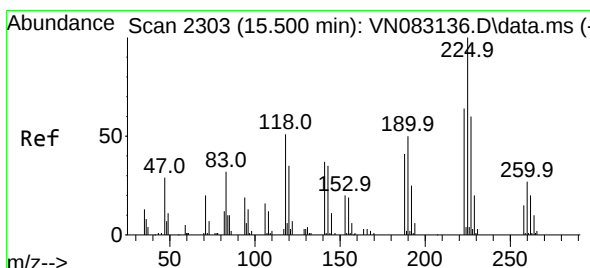
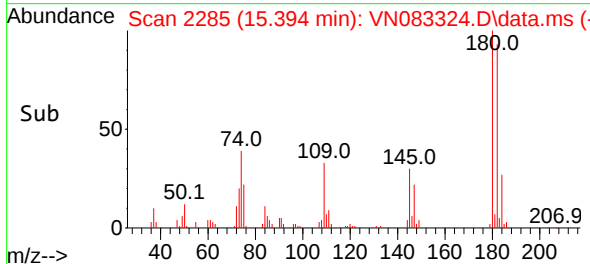
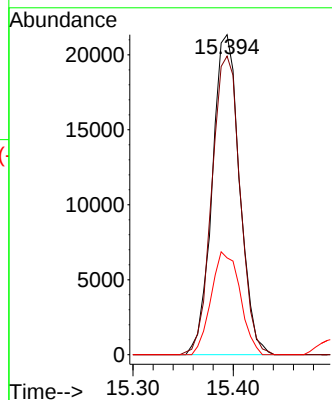
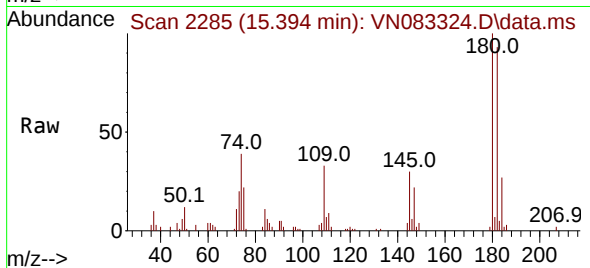
Tgt Ion:180 Resp: 40399

Ion Ratio Lower Upper

180 100

182 96.2 47.3 141.8

145 34.0 15.7 47.1



#94

Hexachlorobutadiene

Concen: 18.970 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN083324.D

Acq: 15 Aug 2024 12:22

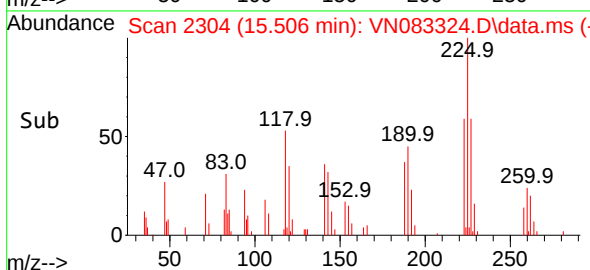
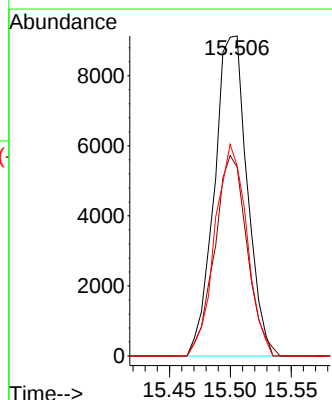
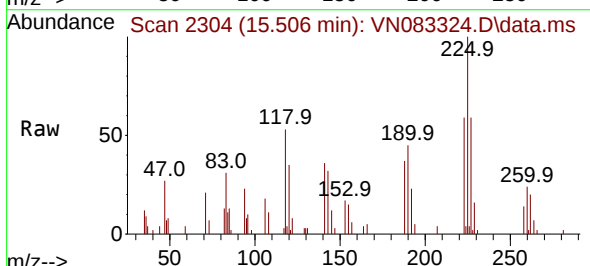
Tgt Ion:225 Resp: 17063

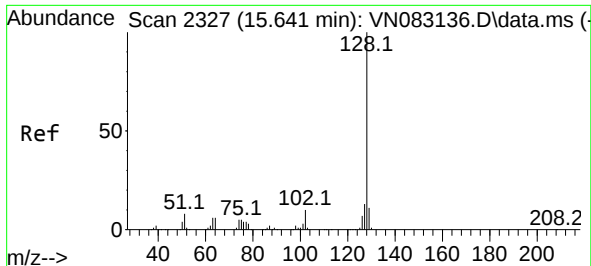
Ion Ratio Lower Upper

225 100

223 62.5 31.9 95.7

227 64.6 32.5 97.5

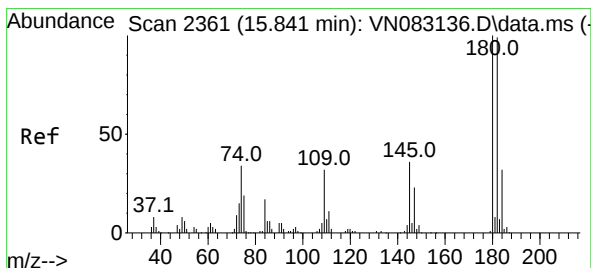
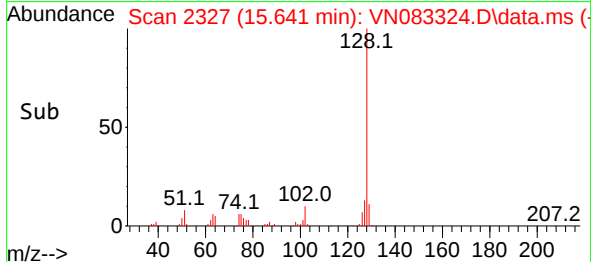
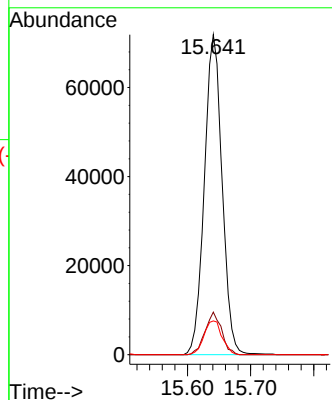
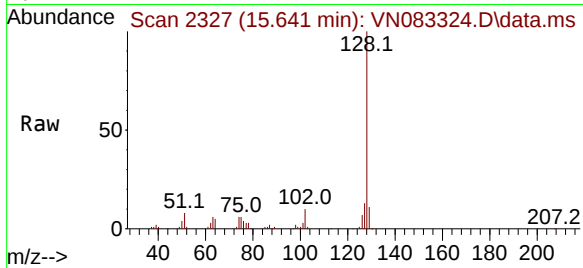




#95  
Naphthalene  
Concen: 19.545 ug/l  
RT: 15.641 min Scan# 2327  
Delta R.T. 0.000 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0815WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 140027 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 12.4  | 10.6  | 16.0   |
| 129       | 10.8  | 8.6   | 12.8   |



#96  
1,2,3-Trichlorobenzene  
Concen: 19.665 ug/l  
RT: 15.841 min Scan# 2361  
Delta R.T. 0.000 min  
Lab File: VN083324.D  
Acq: 15 Aug 2024 12:22

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 39355 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 94.4  | 48.9  | 146.8 |
| 145       | 37.2  | 16.8  | 50.4  |

