

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN092724\  
 Data File : VN084199.D  
 Acq On : 27 Sep 2024 13:30  
 Operator : JC\MD  
 Sample : VN0927WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Sep 28 00:59:03 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091024W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 11 15:18:56 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.224  | 168  | 150698   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.100  | 114  | 256691   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 230723   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 112369   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.577  | 65    | 113762   | 50.064   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 100.120% |      |
| 35) Dibromofluoromethane    | 8.165  | 113   | 86567    | 52.679   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 105.360% |      |
| 50) Toluene-d8              | 10.565 | 98    | 311210   | 54.781   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 109.560% |      |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 118102   | 50.388   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | = 100.780% |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.124 | 85  | 30947  | 17.683  | ug/l   | 97  |
| 3) Chloromethane             | 2.359 | 50  | 35083  | 18.466  | ug/l   | 100 |
| 4) Vinyl Chloride            | 2.518 | 62  | 36490  | 19.022  | ug/l   | 97  |
| 5) Bromomethane              | 2.965 | 94  | 22953  | 20.840  | ug/l   | 95  |
| 6) Chloroethane              | 3.124 | 64  | 23882  | 17.748  | ug/l   | 97  |
| 7) Trichlorofluoromethane    | 3.495 | 101 | 63511  | 19.505  | ug/l   | 99  |
| 8) Diethyl Ether             | 3.959 | 74  | 23161  | 21.219  | ug/l   | 94  |
| 9) 1,1,2-Trichlorotrifluo... | 4.377 | 101 | 37945  | 21.985  | ug/l   | 98  |
| 10) Methyl Iodide            | 4.589 | 142 | 43866  | 19.984  | ug/l   | 96  |
| 11) Tert butyl alcohol       | 5.524 | 59  | 37255  | 122.435 | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 4.348 | 96  | 34129  | 20.939  | ug/l   | 87  |
| 13) Acrolein                 | 4.177 | 56  | 26152  | 87.107  | ug/l   | 99  |
| 14) Allyl chloride           | 5.024 | 41  | 57226  | 19.704  | ug/l   | 97  |
| 15) Acrylonitrile            | 5.718 | 53  | 104517 | 126.304 | ug/l   | 98  |
| 16) Acetone                  | 4.424 | 43  | 124311 | 136.468 | ug/l   | 99  |
| 17) Carbon Disulfide         | 4.712 | 76  | 76197  | 16.712  | ug/l   | 97  |
| 18) Methyl Acetate           | 5.030 | 43  | 52463  | 26.780  | ug/l   | 99  |
| 19) Methyl tert-butyl Ether  | 5.795 | 73  | 127616 | 21.636  | ug/l   | 99  |
| 20) Methylene Chloride       | 5.277 | 84  | 41503  | 22.265  | ug/l   | 92  |
| 21) trans-1,2-Dichloroethene | 5.795 | 96  | 35307  | 20.212  | ug/l   | 97  |
| 22) Diisopropyl ether        | 6.671 | 45  | 142942 | 23.908  | ug/l   | 98  |
| 23) Vinyl Acetate            | 6.606 | 43  | 499381 | 114.058 | ug/l   | 97  |
| 24) 1,1-Dichloroethane       | 6.565 | 63  | 77401  | 22.471  | ug/l   | 98  |
| 25) 2-Butanone               | 7.483 | 43  | 154008 | 128.634 | ug/l   | 94  |
| 26) 2,2-Dichloropropane      | 7.489 | 77  | 70873  | 22.343  | ug/l   | 98  |
| 27) cis-1,2-Dichloroethene   | 7.489 | 96  | 44610  | 21.513  | ug/l   | 98  |
| 28) Bromochloromethane       | 7.818 | 49  | 30963  | 21.346  | ug/l   | 96  |
| 29) Tetrahydrofuran          | 7.841 | 42  | 85463  | 120.723 | ug/l   | 100 |
| 30) Chloroform               | 7.965 | 83  | 81524  | 22.294  | ug/l   | 97  |
| 31) Cyclohexane              | 8.253 | 56  | 61484  | 18.722  | ug/l   | 97  |
| 32) 1,1,1-Trichloroethane    | 8.165 | 97  | 71045  | 21.129  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 8.377 | 75  | 52067  | 21.051  | ug/l   | 98  |
| 37) Ethyl Acetate            | 7.559 | 43  | 55204  | 24.588  | ug/l   | 98  |
| 38) Carbon Tetrachloride     | 8.359 | 117 | 59560  | 21.225  | ug/l   | 97  |
| 39) Methylcyclohexane        | 9.600 | 83  | 52388  | 18.608  | ug/l   | 97  |
| 40) Benzene                  | 8.606 | 78  | 167416 | 22.488  | ug/l   | 99  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN092724\  
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 Acq On : 27 Sep 2024 13:30  
 Operator : JC\MD  
 Sample : VN0927WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Sep 28 00:59:03 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091024W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 11 15:18:56 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.777  | 41   | 31775    | 23.929  | ug/l   | 99       |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 59850    | 21.515  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.688  | 43   | 96205    | 23.647  | ug/l   | 96       |
| 44) Trichloroethene           | 9.353  | 130  | 39214    | 22.746  | ug/l   | 92       |
| 45) 1,2-Dichloropropane       | 9.618  | 63   | 44281    | 24.610  | ug/l   | 94       |
| 46) Dibromomethane            | 9.712  | 93   | 28619    | 22.708  | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.888  | 83   | 65947    | 24.178  | ug/l   | 95       |
| 48) Methyl methacrylate       | 9.683  | 41   | 45400    | 23.520  | ug/l   | 97       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 16701    | 525.956 | ug/l # | 96       |
| 51) 4-Methyl-2-Pentanone      | 10.441 | 43   | 288037   | 130.059 | ug/l   | 99       |
| 52) Toluene                   | 10.630 | 92   | 103264   | 22.677  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 64752    | 23.421  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 68906    | 23.727  | ug/l   | 91       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 40015    | 23.538  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.871 | 69   | 61605    | 23.553  | ug/l   | 94       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 69416    | 23.758  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 126761   | 134.503 | ug/l   | 98       |
| 59) 2-Hexanone                | 11.194 | 43   | 222558   | 135.852 | ug/l   | 97       |
| 60) Dibromochloromethane      | 11.359 | 129  | 47780    | 25.113  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 38829    | 22.902  | ug/l   | 99       |
| 64) Tetrachloroethene         | 11.100 | 164  | 33660    | 21.937  | ug/l   | 93       |
| 65) Chlorobenzene             | 11.888 | 112  | 111054   | 21.657  | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 40744    | 22.919  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.965 | 91   | 195358   | 21.446  | ug/l   | 98       |
| 68) m/p-Xylenes               | 12.071 | 106  | 148010   | 43.764  | ug/l   | 99       |
| 69) o-Xylene                  | 12.400 | 106  | 71708    | 21.902  | ug/l   | 98       |
| 70) Styrene                   | 12.412 | 104  | 122669   | 22.830  | ug/l   | 99       |
| 71) Bromoform                 | 12.576 | 173  | 30389    | 25.368  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.694 | 105  | 186430   | 21.445  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.494 | 43   | 82082    | 22.130  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 59066    | 23.124  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 75208    | 33.170  | ug/l   | 63       |
| 77) Bromobenzene              | 12.982 | 156  | 44076    | 21.062  | ug/l   | 98       |
| 78) n-propylbenzene           | 13.035 | 91   | 220165   | 21.766  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 140885   | 21.840  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.171 | 105  | 156277   | 21.322  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 18551    | 21.428  | ug/l # | 85       |
| 82) 4-Chlorotoluene           | 13.218 | 91   | 143184   | 22.118  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.435 | 119  | 134006   | 20.897  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 158783   | 21.566  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.618 | 105  | 187019   | 21.991  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 156932   | 22.013  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 83717    | 21.198  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 82761    | 20.696  | ug/l   | 99       |
| 89) n-Butylbenzene            | 14.053 | 91   | 132416   | 20.688  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.329 | 117  | 30137    | 21.030  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 81281    | 21.325  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.717 | 75   | 10795    | 21.200  | ug/l   | 94       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 40494    | 19.798  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 17742    | 20.426  | ug/l   | 99       |
| 95) Naphthalene               | 15.641 | 128  | 120244   | 19.324  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 38779    | 19.839  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN092724\  
Data File : VN084199.D  
Acq On : 27 Sep 2024 13:30  
Operator : JC\MD  
Sample : VN0927WBS01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 1 Sample Multiplier: 1

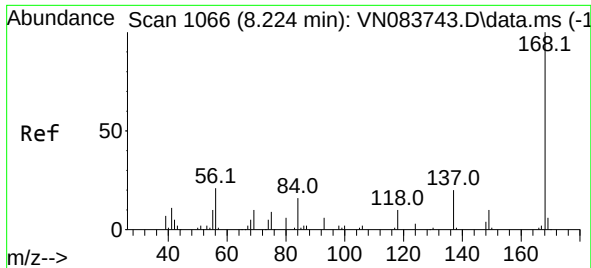
Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Sep 28 00:59:03 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091024W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 11 15:18:56 2024  
Response via : Initial Calibration

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

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

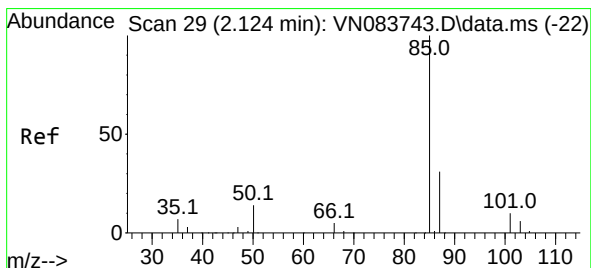
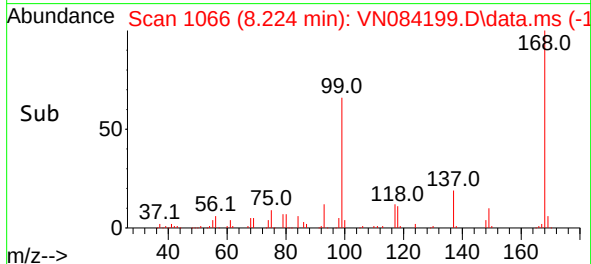
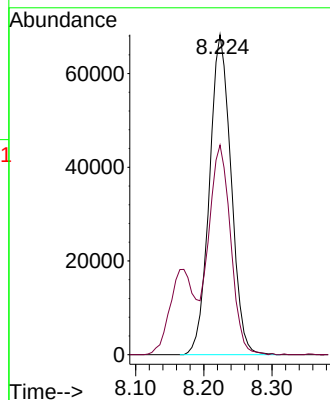
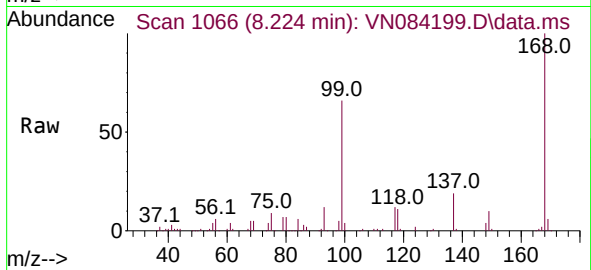




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN084199.D  
Acq: 27 Sep 2024 13:30

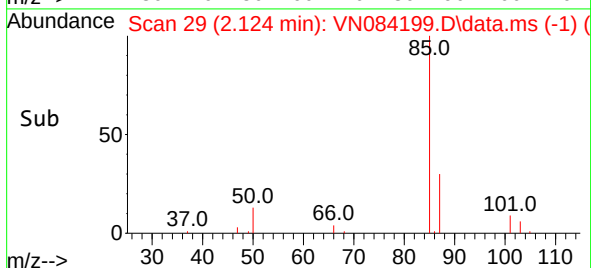
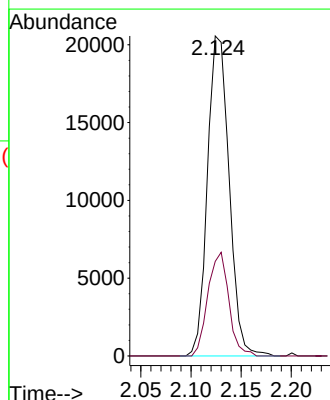
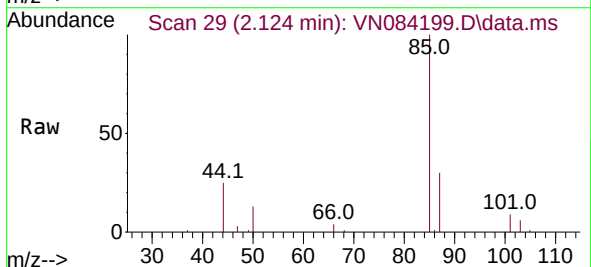
Instrument :  
MSVOA\_N  
ClientSampleId :

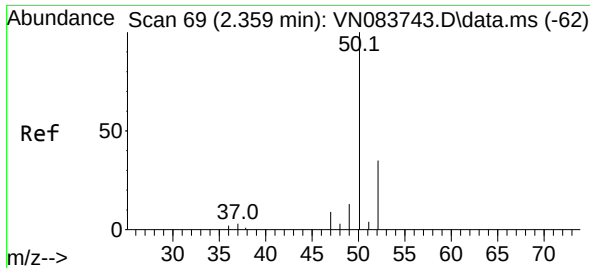
Tgt Ion:168 Resp: 150698  
Ion Ratio Lower Upper  
168 100  
99 65.5 54.2 81.2



#2  
Dichlorodifluoromethane  
Concen: 17.683 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. 0.000 min  
Lab File: VN084199.D  
Acq: 27 Sep 2024 13:30

Tgt Ion: 85 Resp: 30947  
Ion Ratio Lower Upper  
85 100  
87 29.6 15.7 47.0

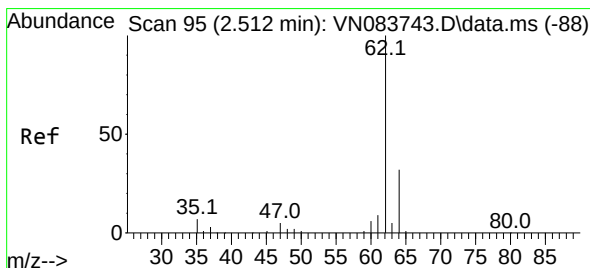
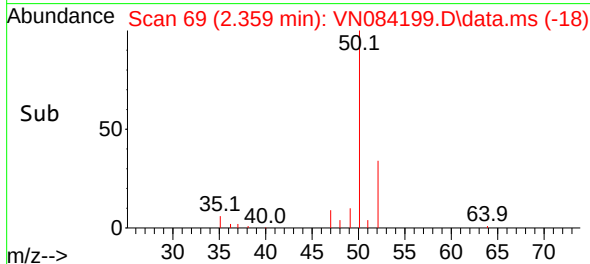
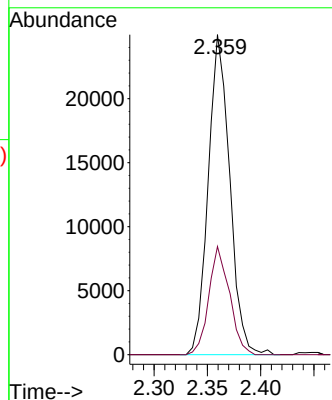
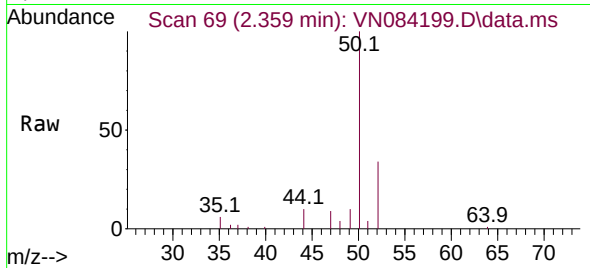




#3  
Chloromethane  
Concen: 18.466 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. 0.000 min  
Lab File: VN084199.D  
Acq: 27 Sep 2024 13:30

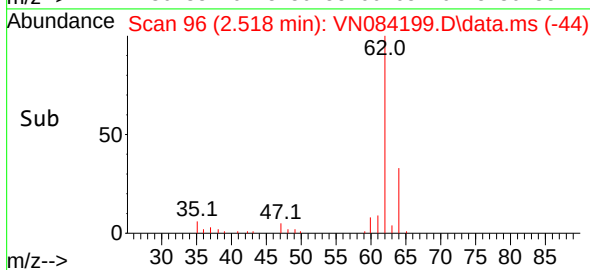
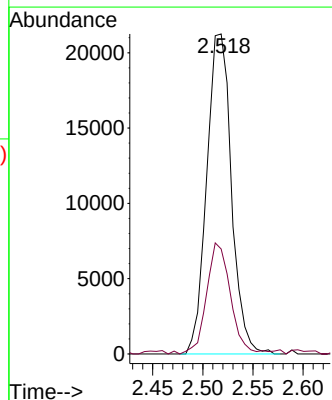
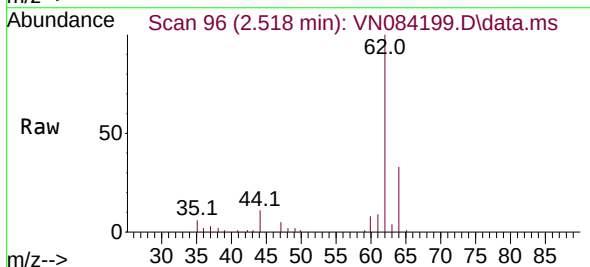
Instrument :  
MSVOA\_N  
ClientSampleId :

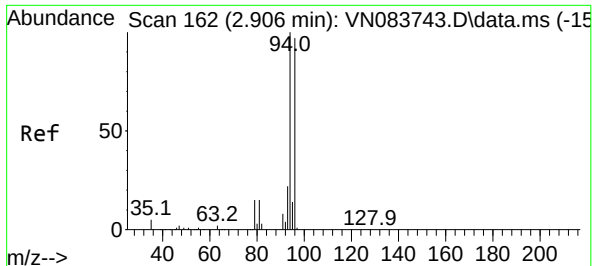
Tgt Ion: 50 Resp: 35083  
Ion Ratio Lower Upper  
50 100  
52 33.8 27.2 40.8



#4  
Vinyl Chloride  
Concen: 19.022 ug/l  
RT: 2.518 min Scan# 96  
Delta R.T. 0.006 min  
Lab File: VN084199.D  
Acq: 27 Sep 2024 13:30

Tgt Ion: 62 Resp: 36490  
Ion Ratio Lower Upper  
62 100  
64 32.8 24.7 37.1

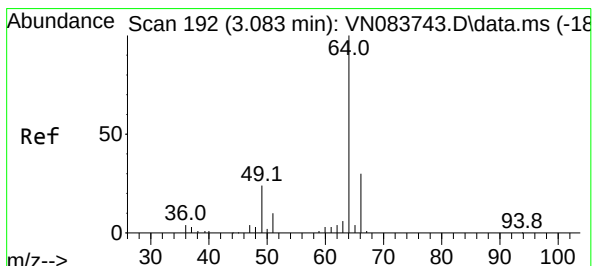
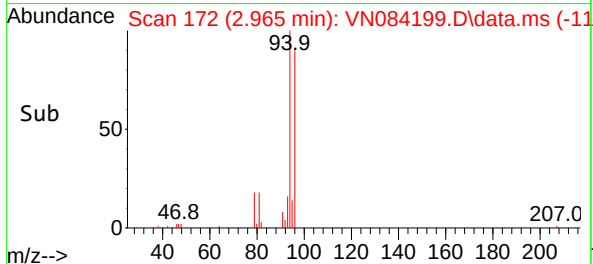
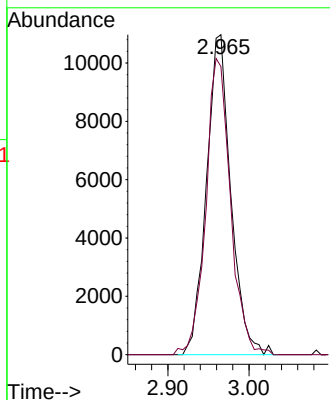
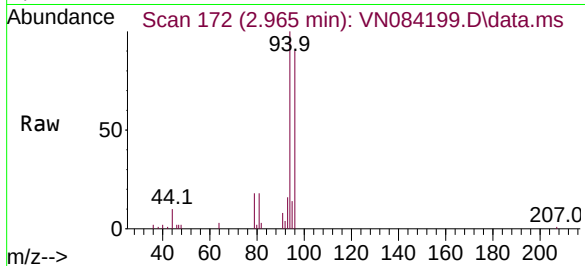




#5  
Bromomethane  
Concen: 20.840 ug/l  
RT: 2.965 min Scan# 11  
Delta R.T. 0.059 min  
Lab File: VN084199.D  
Acq: 27 Sep 2024 13:30

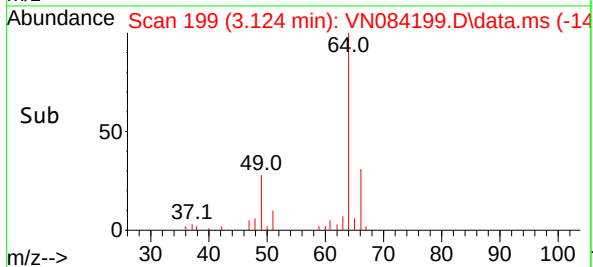
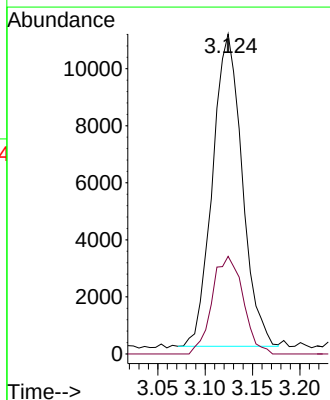
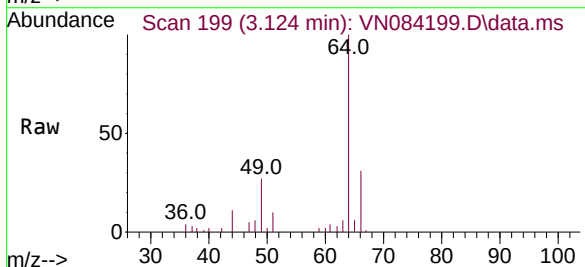
Instrument :  
MSVOA\_N  
ClientSampleId :

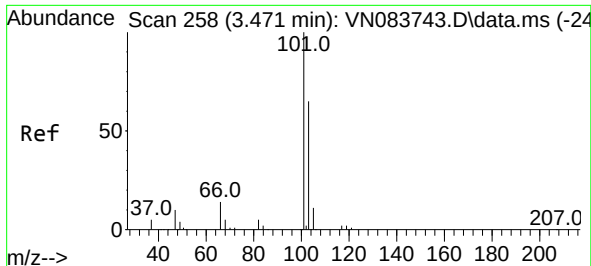
Tgt Ion: 94 Resp: 22953  
Ion Ratio Lower Upper  
94 100  
96 90.1 76.0 114.0



#6  
Chloroethane  
Concen: 17.748 ug/l  
RT: 3.124 min Scan# 199  
Delta R.T. 0.041 min  
Lab File: VN084199.D  
Acq: 27 Sep 2024 13:30

Tgt Ion: 64 Resp: 23882  
Ion Ratio Lower Upper  
64 100  
66 31.3 23.9 35.9

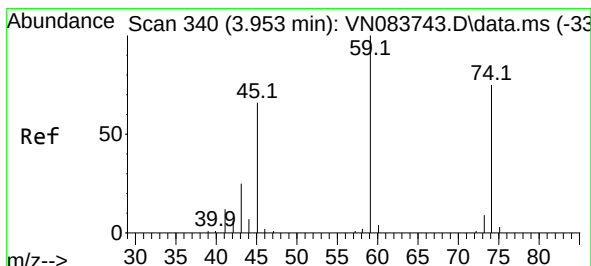
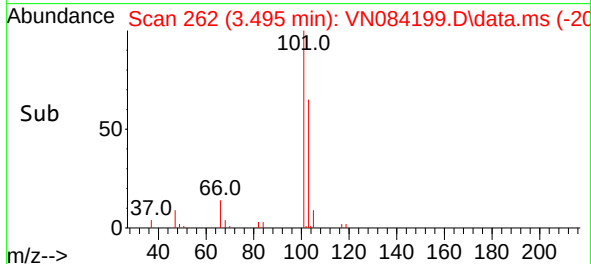
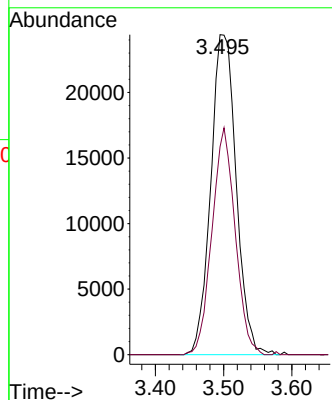
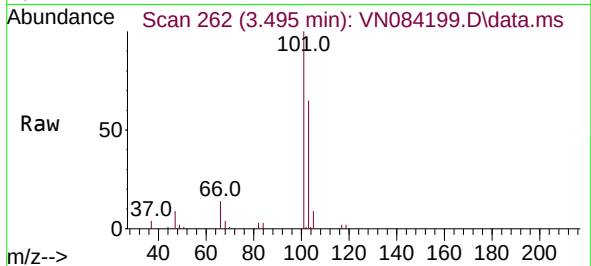




#7  
Trichlorofluoromethane  
Concen: 19.505 ug/l  
RT: 3.495 min Scan# 210  
Delta R.T. 0.024 min  
Lab File: VN084199.D  
Acq: 27 Sep 2024 13:30

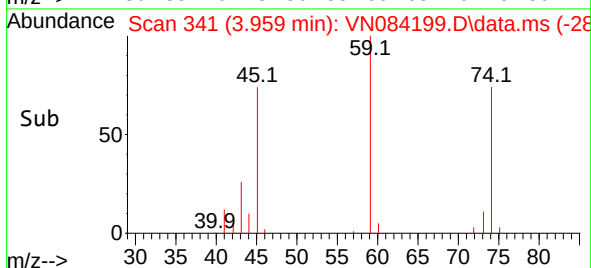
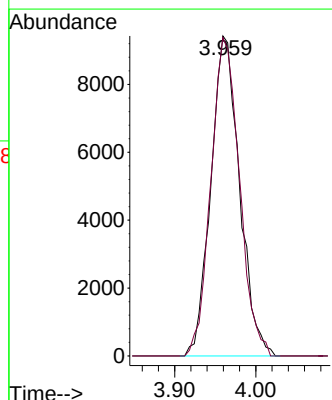
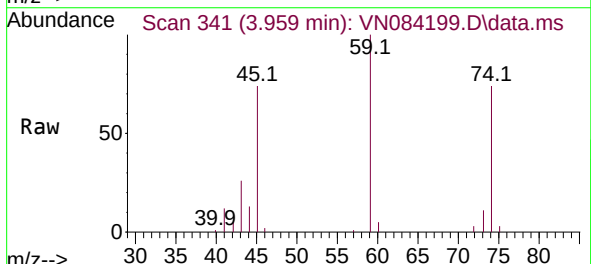
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:101 Resp: 63511  
Ion Ratio Lower Upper  
101 100  
103 64.9 51.4 77.0

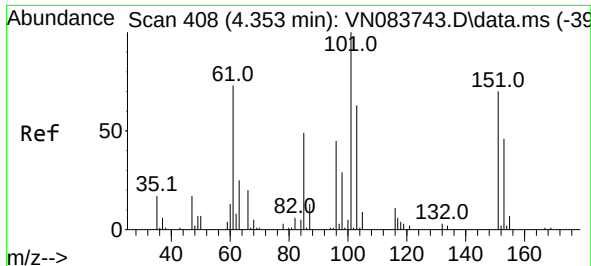


#8  
Diethyl Ether  
Concen: 21.219 ug/l  
RT: 3.959 min Scan# 341  
Delta R.T. 0.006 min  
Lab File: VN084199.D  
Acq: 27 Sep 2024 13:30

Tgt Ion: 74 Resp: 23161  
Ion Ratio Lower Upper  
74 100  
45 99.1 46.7 140.1



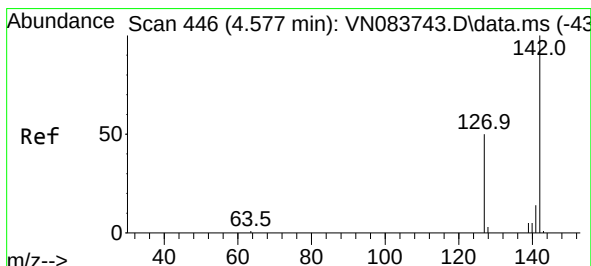
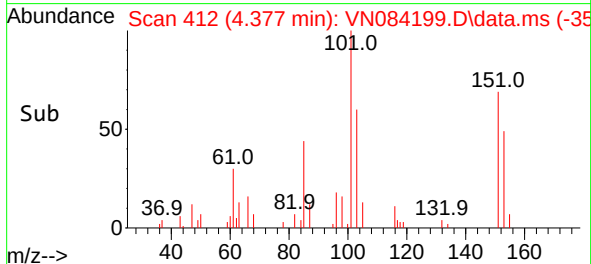
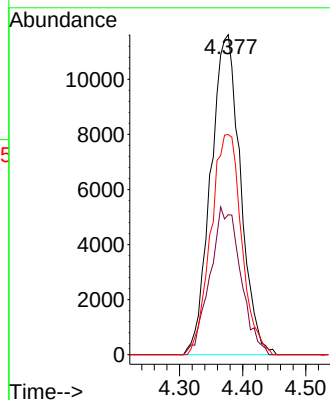
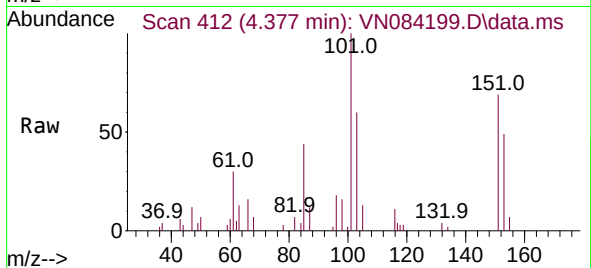




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 21.985 ug/l  
RT: 4.377 min Scan# 411  
Delta R.T. 0.024 min  
Lab File: VN084199.D  
Acq: 27 Sep 2024 13:30

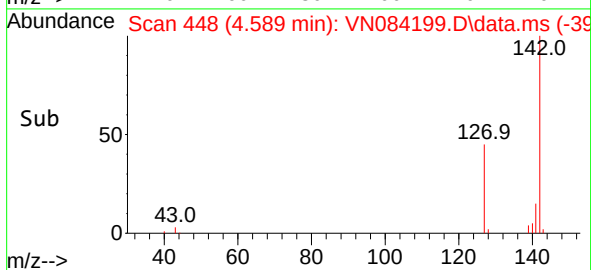
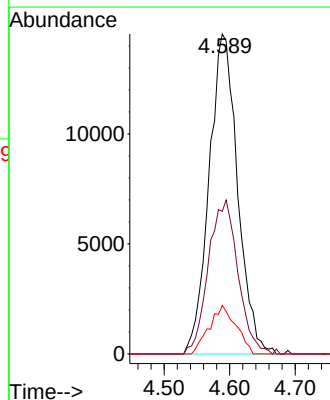
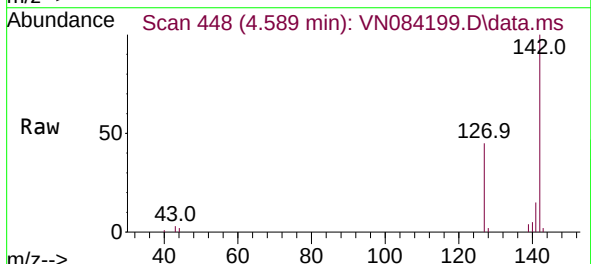
Instrument :  
MSVOA\_N  
ClientSampleId :

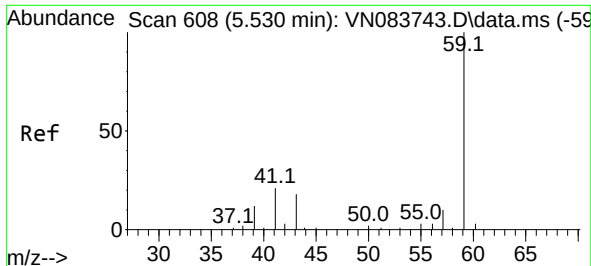
Tgt Ion:101 Resp: 37945  
Ion Ratio Lower Upper  
101 100  
85 47.6 36.2 54.4  
151 71.0 57.7 86.5



#10  
Methyl Iodide  
Concen: 19.984 ug/l  
RT: 4.589 min Scan# 448  
Delta R.T. 0.012 min  
Lab File: VN084199.D  
Acq: 27 Sep 2024 13:30

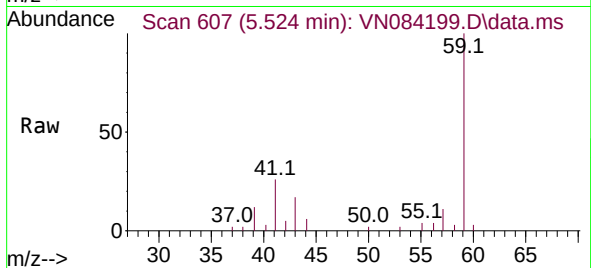
Tgt Ion:142 Resp: 43866  
Ion Ratio Lower Upper  
142 100  
127 44.5 37.5 56.3  
141 15.1 11.0 16.4



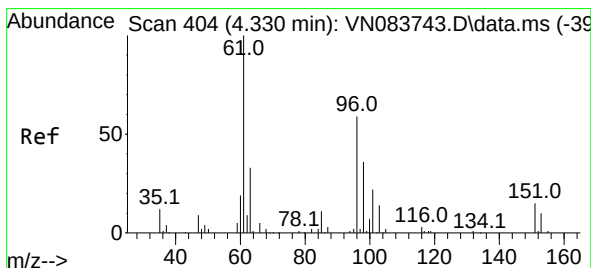
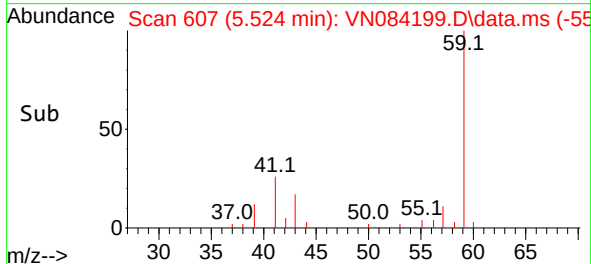
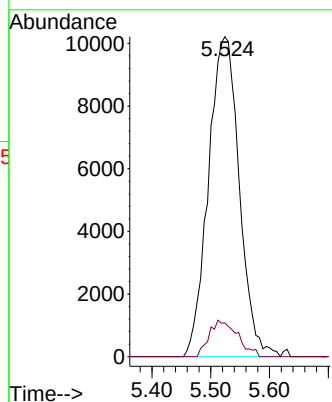


#11  
Tert butyl alcohol  
Concen: 122.435 ug/l  
RT: 5.524 min Scan# 608  
Delta R.T. -0.006 min  
Lab File: VN084199.D  
Acq: 27 Sep 2024 13:30

Instrument :  
MSVOA\_N  
ClientSampleId :

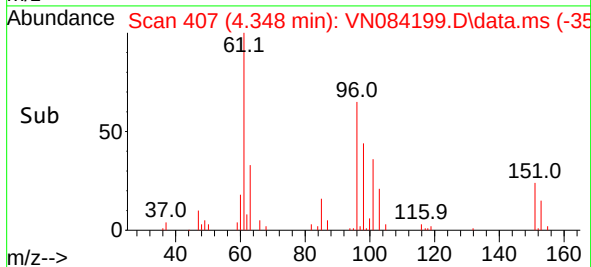
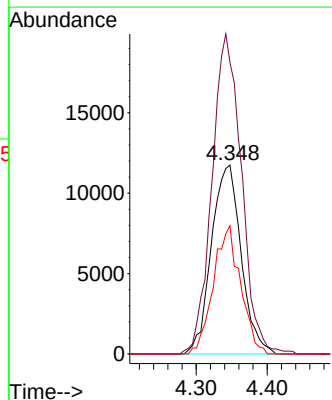
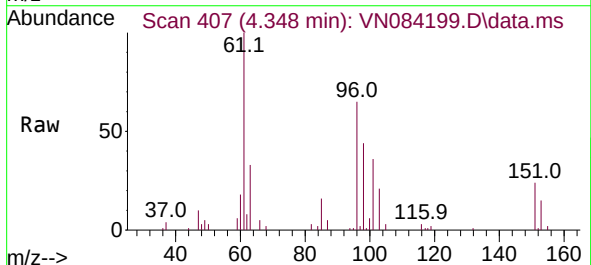


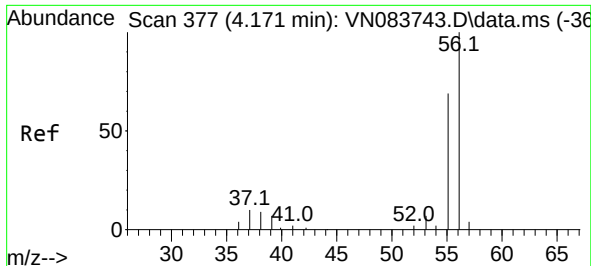
Tgt Ion: 59 Resp: 37255  
Ion Ratio Lower Upper  
59 100  
57 10.4 8.7 13.1



#12  
1,1-Dichloroethene  
Concen: 20.939 ug/l  
RT: 4.348 min Scan# 407  
Delta R.T. 0.018 min  
Lab File: VN084199.D  
Acq: 27 Sep 2024 13:30

Tgt Ion: 96 Resp: 34129  
Ion Ratio Lower Upper  
96 100  
61 154.4 143.4 215.0  
98 67.9 52.7 79.1

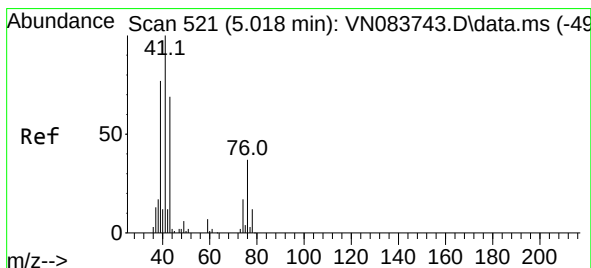
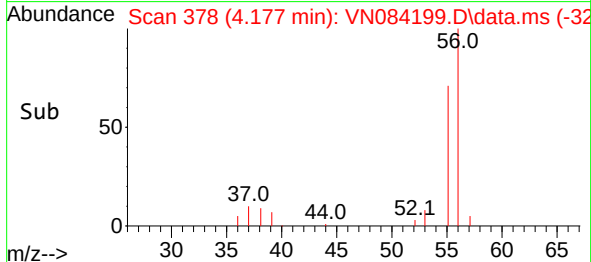
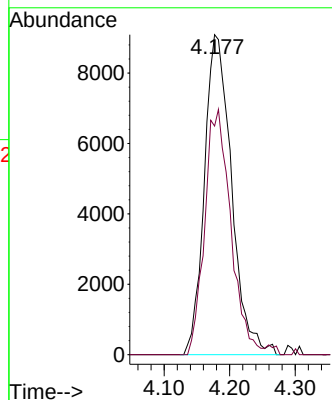
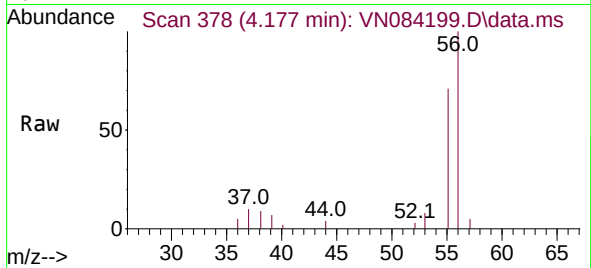




#13  
Acrolein  
Concen: 87.107 ug/l  
RT: 4.177 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VN084199.D  
Acq: 27 Sep 2024 13:30

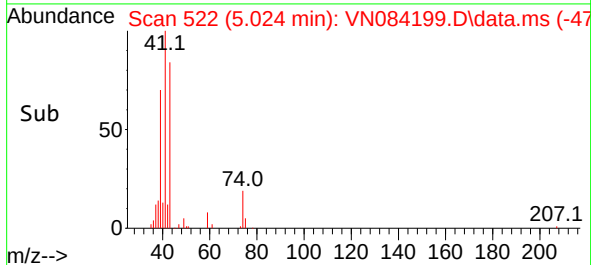
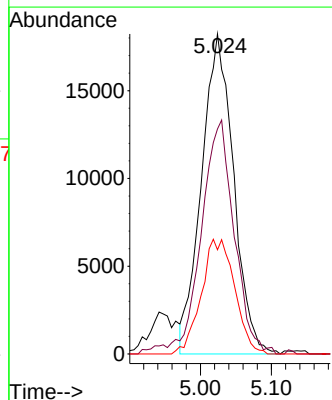
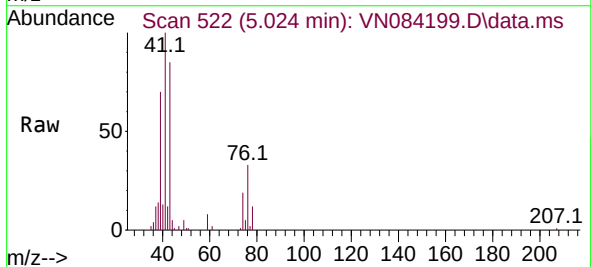
Instrument :  
MSVOA\_N  
ClientSampleId :

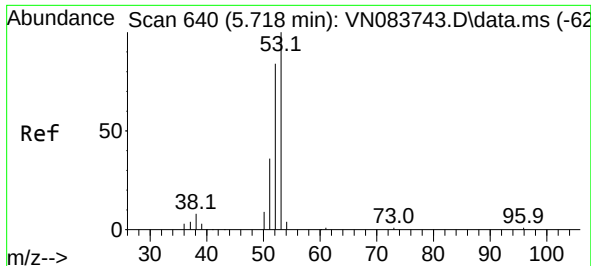
Tgt Ion: 56 Resp: 26152  
Ion Ratio Lower Upper  
56 100  
55 73.5 58.2 87.2



#14  
Allyl chloride  
Concen: 19.704 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. 0.006 min  
Lab File: VN084199.D  
Acq: 27 Sep 2024 13:30

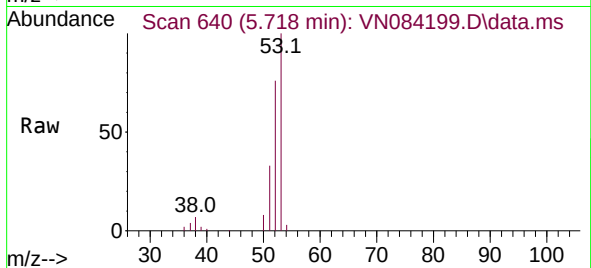
Tgt Ion: 41 Resp: 57226  
Ion Ratio Lower Upper  
41 100  
39 75.7 59.3 88.9  
76 37.3 27.7 41.5



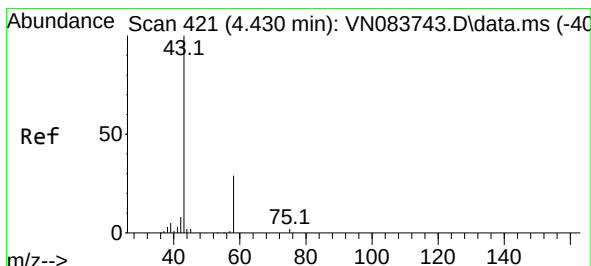
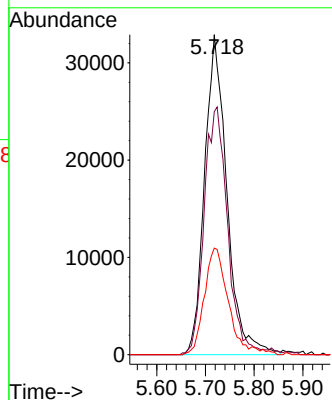
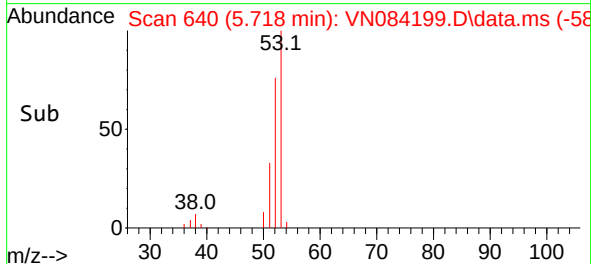


#15  
Acrylonitrile  
Concen: 126.304 ug/l  
RT: 5.718 min Scan# 640  
Delta R.T. 0.000 min  
Lab File: VN084199.D  
Acq: 27 Sep 2024 13:30

Instrument :  
MSVOA\_N  
ClientSampleId :

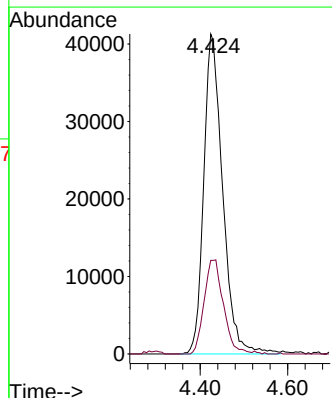
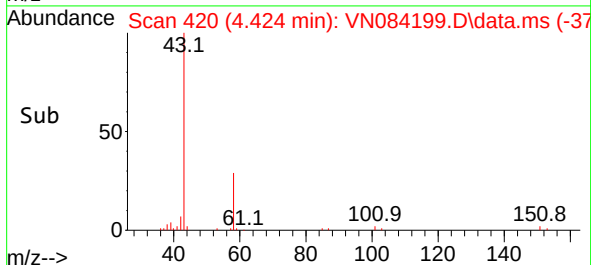
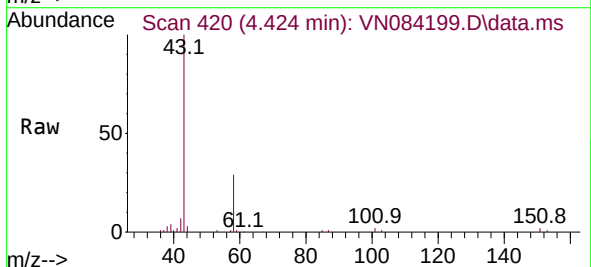


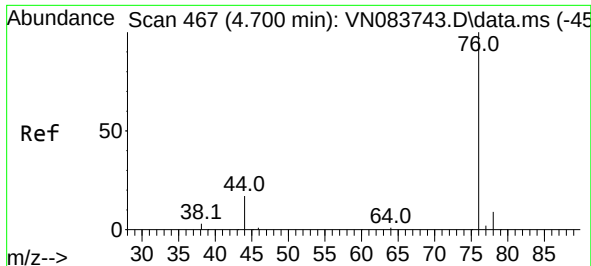
Tgt Ion: 53 Resp: 104517  
Ion Ratio Lower Upper  
53 100  
52 81.2 66.1 99.1  
51 36.0 29.6 44.4



#16  
Acetone  
Concen: 136.468 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. -0.006 min  
Lab File: VN084199.D  
Acq: 27 Sep 2024 13:30

Tgt Ion: 43 Resp: 124311  
Ion Ratio Lower Upper  
43 100  
58 29.3 23.7 35.5

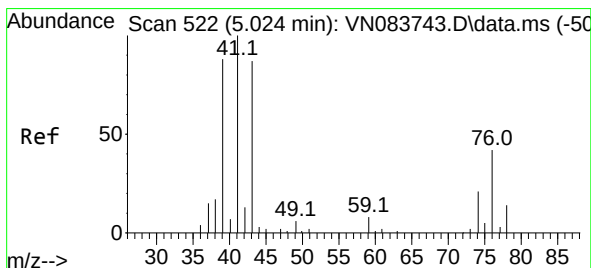
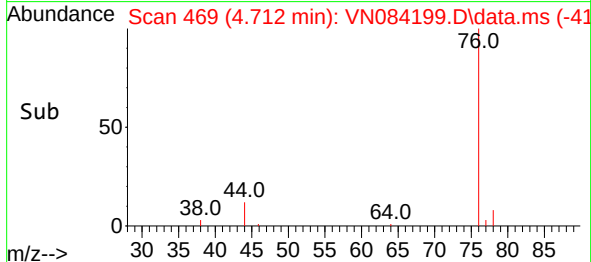
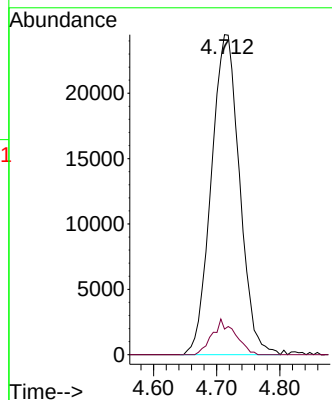
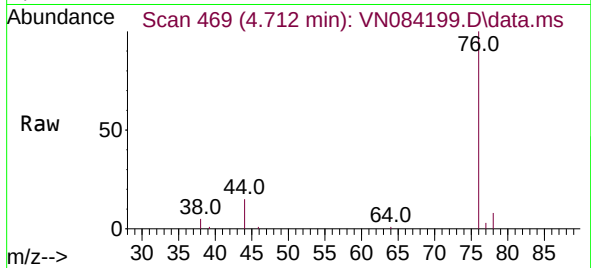




#17  
Carbon Disulfide  
Concen: 16.712 ug/l  
RT: 4.712 min Scan# 469  
Delta R.T. 0.012 min  
Lab File: VN084199.D  
Acq: 27 Sep 2024 13:30

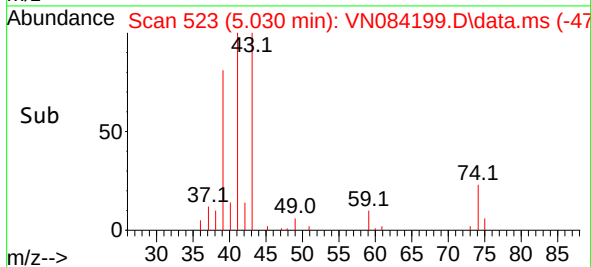
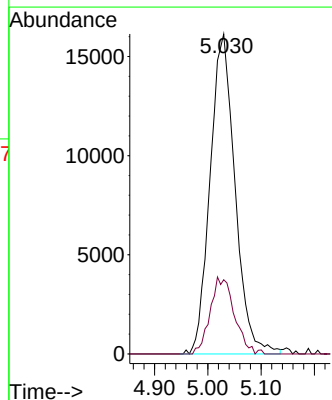
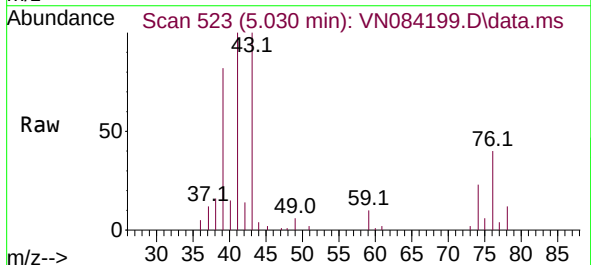
Instrument :  
MSVOA\_N  
ClientSampleId :

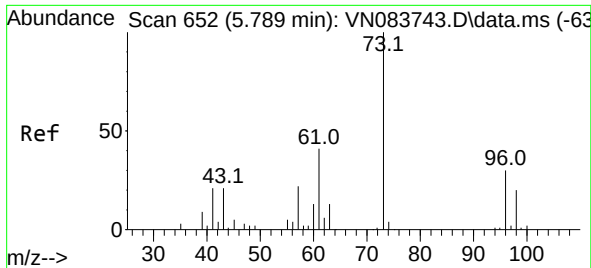
Tgt Ion: 76 Resp: 76197  
Ion Ratio Lower Upper  
76 100  
78 8.0 7.1 10.7



#18  
Methyl Acetate  
Concen: 26.780 ug/l  
RT: 5.030 min Scan# 523  
Delta R.T. 0.006 min  
Lab File: VN084199.D  
Acq: 27 Sep 2024 13:30

Tgt Ion: 43 Resp: 52463  
Ion Ratio Lower Upper  
43 100  
74 23.3 19.0 28.4

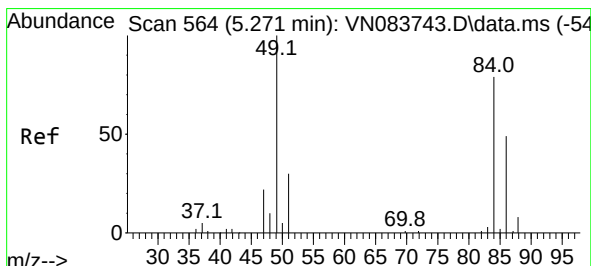
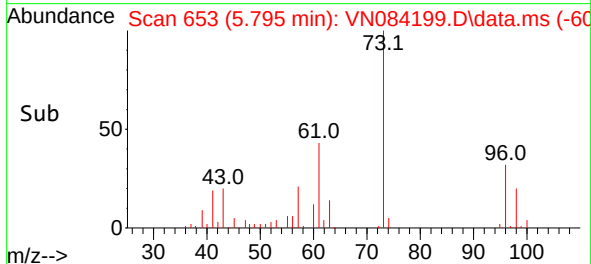
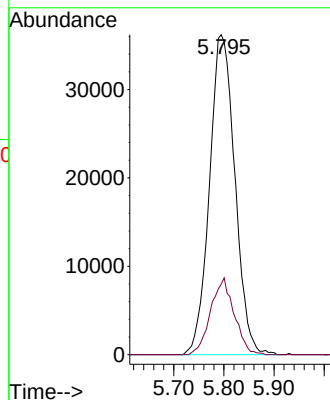
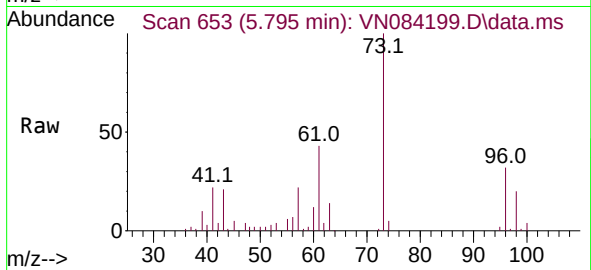




#19  
Methyl tert-butyl Ether  
Concen: 21.636 ug/l  
RT: 5.795 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN084199.D  
Acq: 27 Sep 2024 13:30

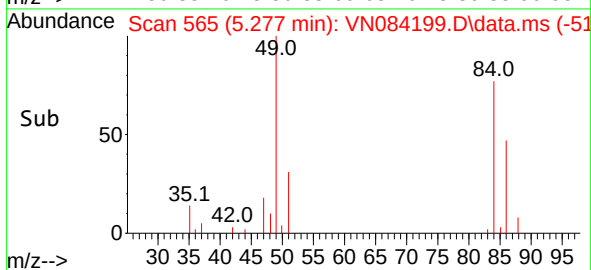
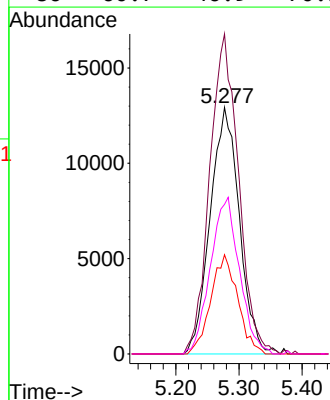
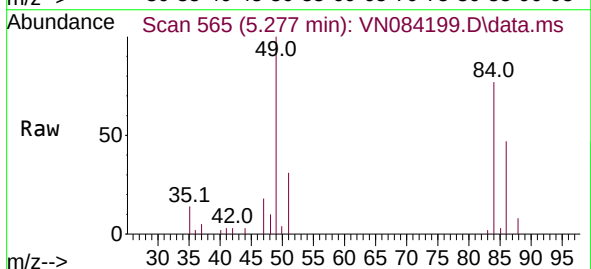
Instrument :  
MSVOA\_N  
ClientSampleId :

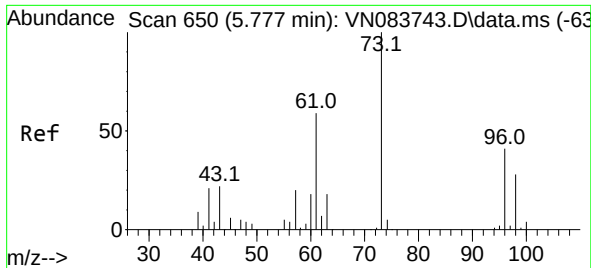
Tgt Ion: 73 Resp: 127616  
Ion Ratio Lower Upper  
73 100  
57 22.0 17.0 25.6



#20  
Methylene Chloride  
Concen: 22.265 ug/l  
RT: 5.277 min Scan# 565  
Delta R.T. 0.006 min  
Lab File: VN084199.D  
Acq: 27 Sep 2024 13:30

Tgt Ion: 84 Resp: 41503  
Ion Ratio Lower Upper  
84 100  
49 129.8 93.4 140.0  
51 40.2 29.2 43.8  
86 60.7 46.9 70.3

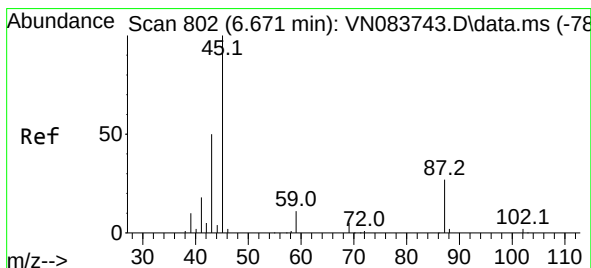
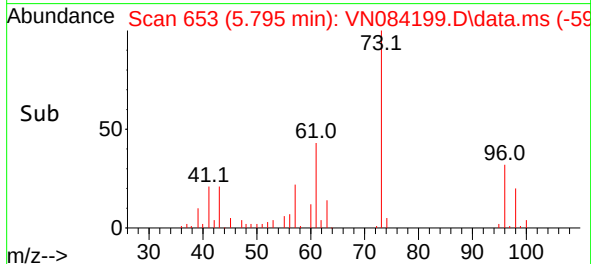
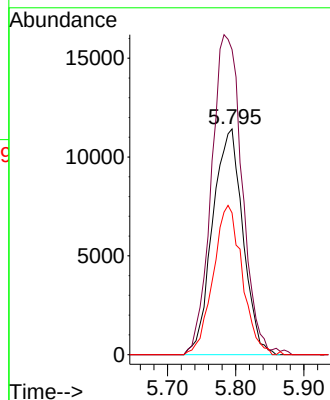
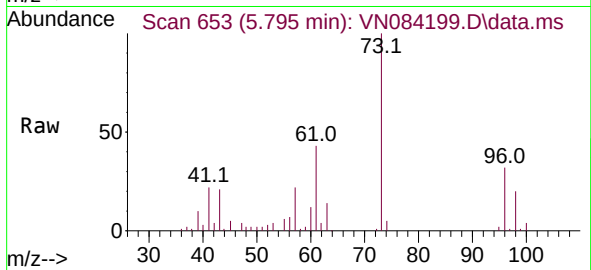




#21  
trans-1,2-Dichloroethene  
Concen: 20.212 ug/l  
RT: 5.795 min Scan# 61  
Delta R.T. 0.018 min  
Lab File: VN084199.D  
Acq: 27 Sep 2024 13:30

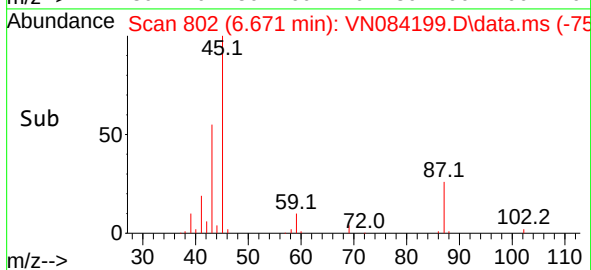
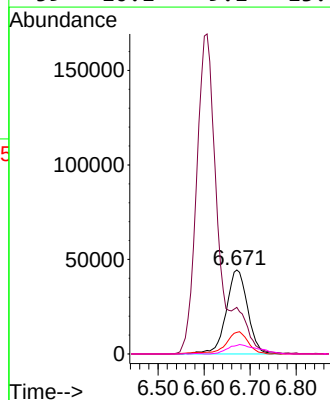
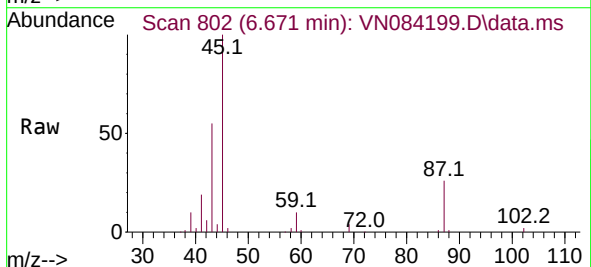
Instrument :  
MSVOA\_N  
ClientSampleId :

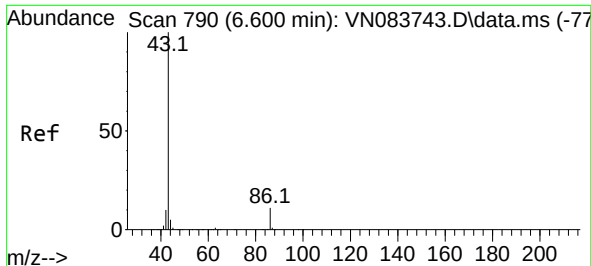
Tgt Ion: 96 Resp: 35307  
Ion Ratio Lower Upper  
96 100  
61 135.2 106.0 159.0  
98 62.8 52.2 78.2



#22  
Diisopropyl ether  
Concen: 23.908 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. 0.000 min  
Lab File: VN084199.D  
Acq: 27 Sep 2024 13:30

Tgt Ion: 45 Resp: 142942  
Ion Ratio Lower Upper  
45 100  
43 54.0 43.4 65.0  
87 25.6 22.6 33.8  
59 10.1 9.1 13.7

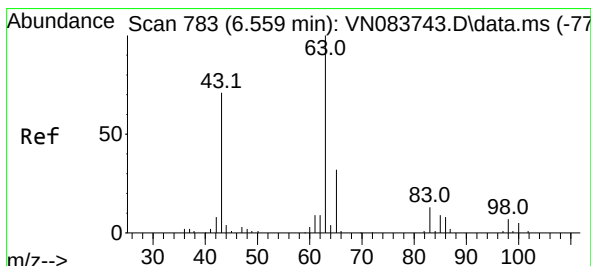
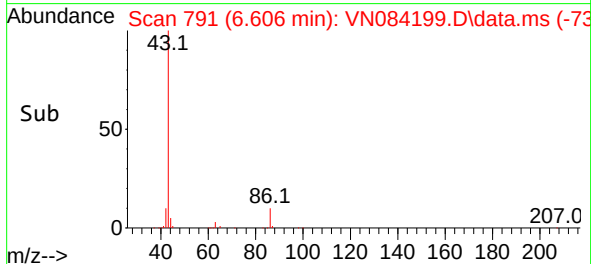
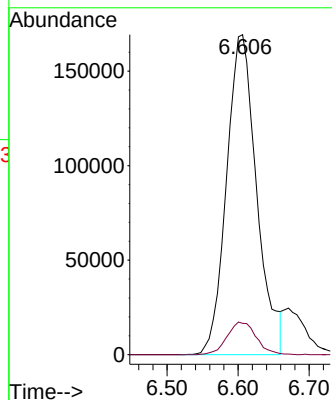
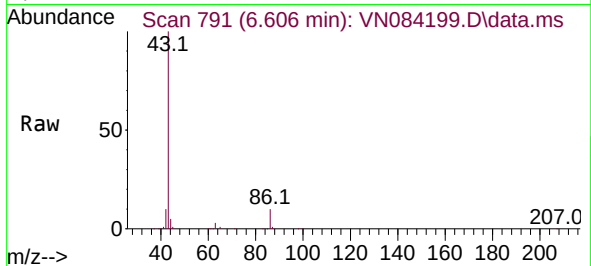




#23  
 Vinyl Acetate  
 Concen: 114.058 ug/l  
 RT: 6.606 min Scan# 791  
 Delta R.T. 0.006 min  
 Lab File: VN084199.D  
 Acq: 27 Sep 2024 13:30

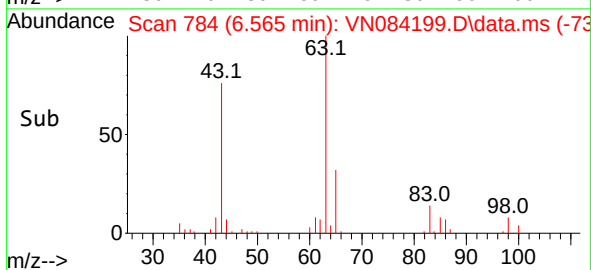
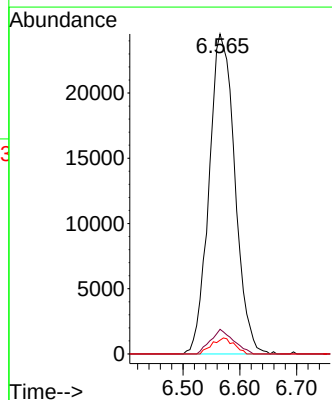
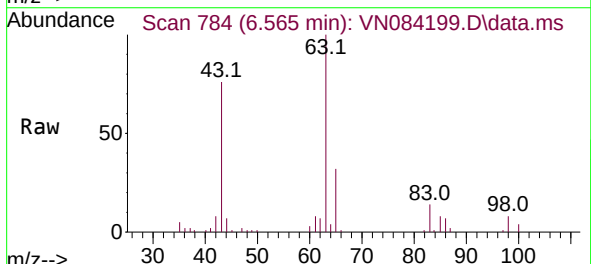
Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tgt Ion: 43 Resp: 499381  
 Ion Ratio Lower Upper  
 43 100  
 86 9.8 8.7 13.1

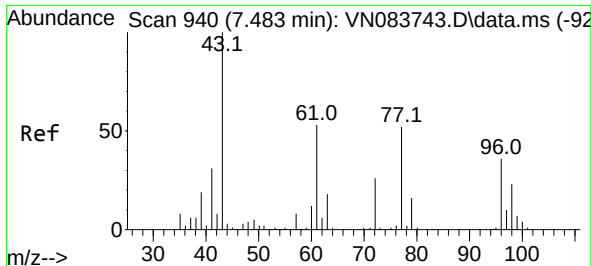


#24  
 1,1-Dichloroethane  
 Concen: 22.471 ug/l  
 RT: 6.565 min Scan# 784  
 Delta R.T. 0.006 min  
 Lab File: VN084199.D  
 Acq: 27 Sep 2024 13:30

Tgt Ion: 63 Resp: 77401  
 Ion Ratio Lower Upper  
 63 100  
 98 7.7 3.5 10.4  
 100 4.3 2.5 7.5



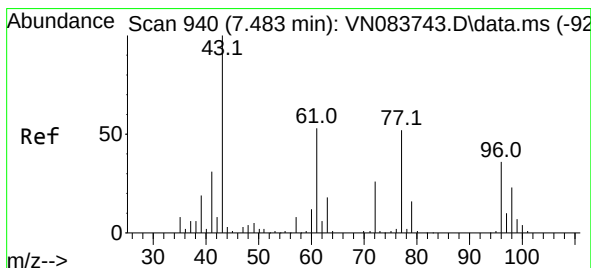
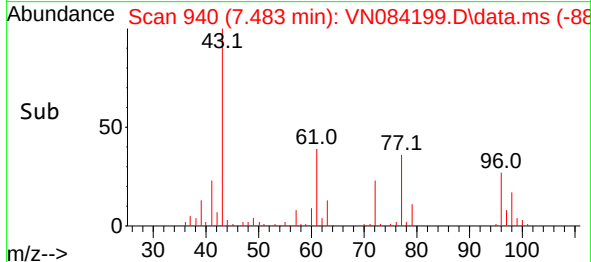
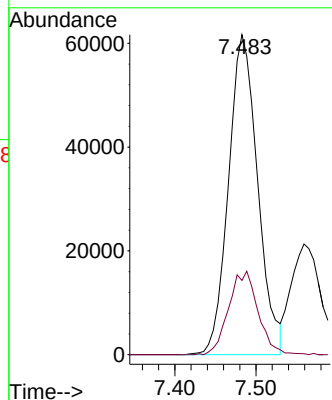
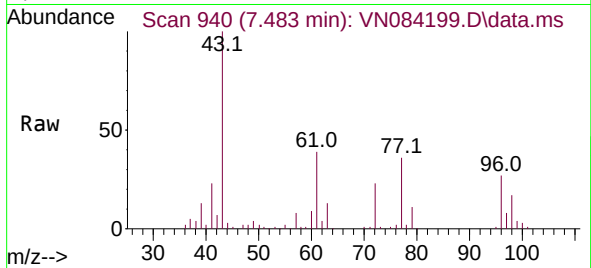




#25  
2-Butanone  
Concen: 128.634 ug/l  
RT: 7.483 min Scan# 940  
Delta R.T. 0.000 min  
Lab File: VN084199.D  
Acq: 27 Sep 2024 13:30

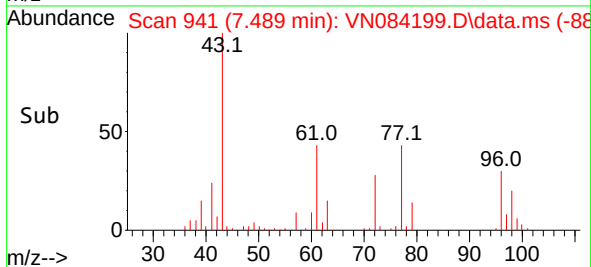
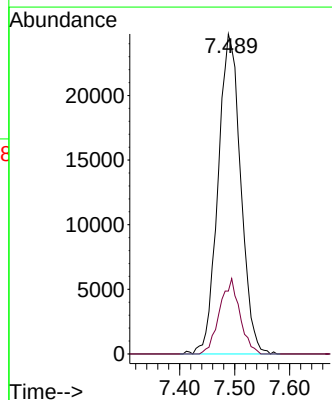
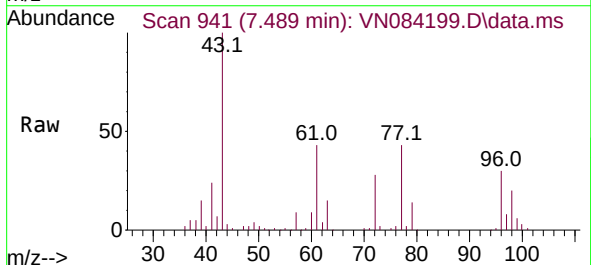
Instrument :  
MSVOA\_N  
ClientSampleId :

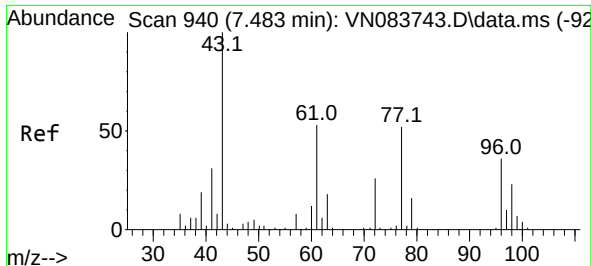
Tgt Ion: 43 Resp: 154008  
Ion Ratio Lower Upper  
43 100  
72 23.2 20.8 31.2



#26  
2,2-Dichloropropane  
Concen: 22.343 ug/l  
RT: 7.489 min Scan# 941  
Delta R.T. 0.006 min  
Lab File: VN084199.D  
Acq: 27 Sep 2024 13:30

Tgt Ion: 77 Resp: 70873  
Ion Ratio Lower Upper  
77 100  
97 21.0 10.2 30.4

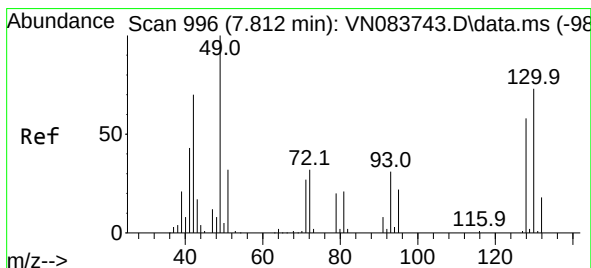
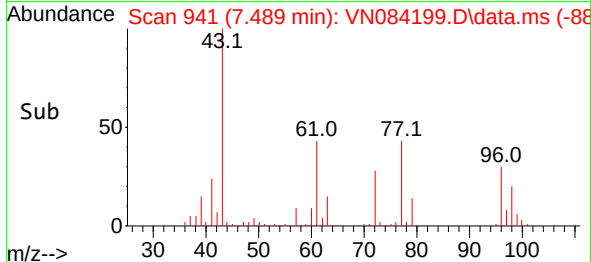
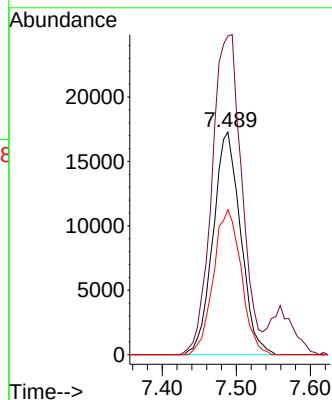
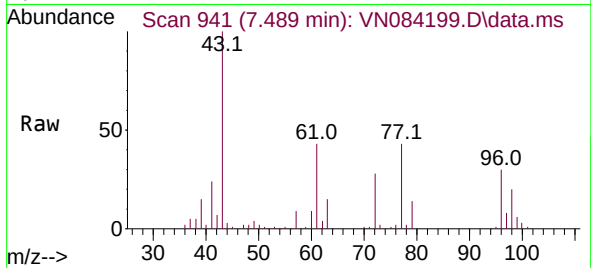




#27  
 cis-1,2-Dichloroethene  
 Concen: 21.513 ug/l  
 RT: 7.489 min Scan# 941  
 Delta R.T. 0.006 min  
 Lab File: VN084199.D  
 Acq: 27 Sep 2024 13:30

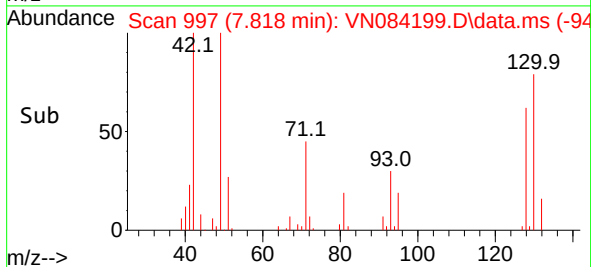
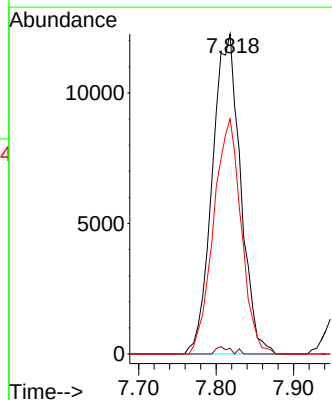
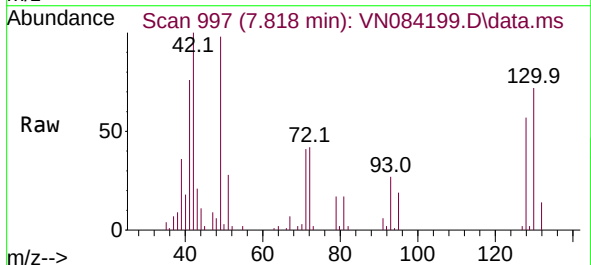
Instrument :  
 MSVOA\_N  
 ClientSampleId :

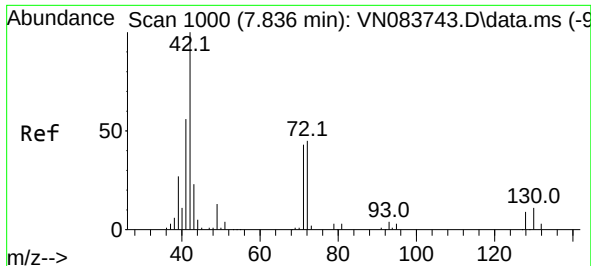
Tgt Ion: 96 Resp: 44610  
 Ion Ratio Lower Upper  
 96 100  
 61 155.9 0.0 306.2  
 98 65.7 0.0 128.6



#28  
 Bromochloromethane  
 Concen: 21.346 ug/l  
 RT: 7.818 min Scan# 997  
 Delta R.T. 0.006 min  
 Lab File: VN084199.D  
 Acq: 27 Sep 2024 13:30

Tgt Ion: 49 Resp: 30963  
 Ion Ratio Lower Upper  
 49 100  
 129 1.2 0.0 3.4  
 130 72.2 60.2 90.2

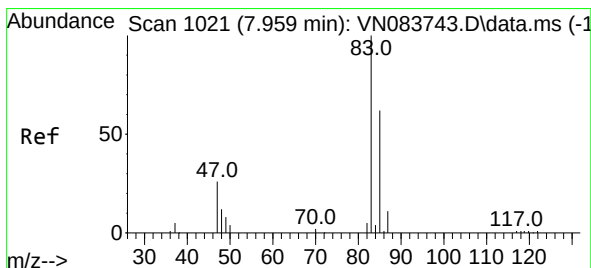
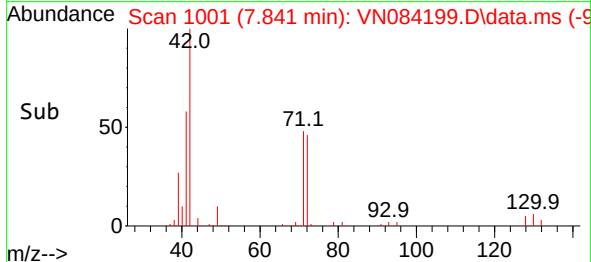
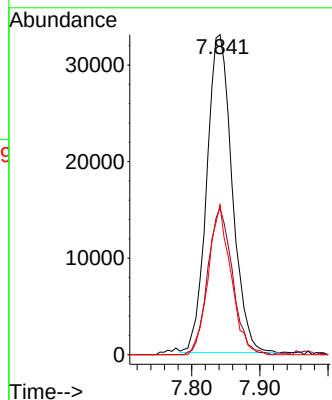
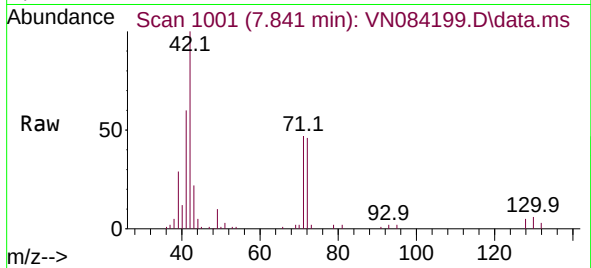




#29  
Tetrahydrofuran  
Concen: 120.723 ug/l  
RT: 7.841 min Scan# 1000  
Delta R.T. 0.006 min  
Lab File: VN084199.D  
Acq: 27 Sep 2024 13:30

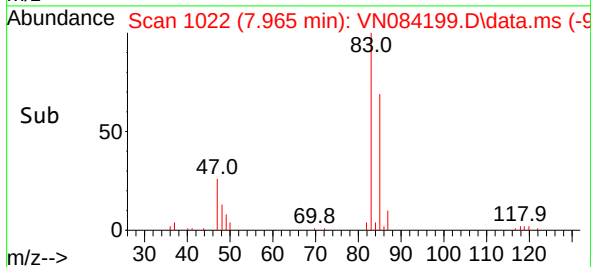
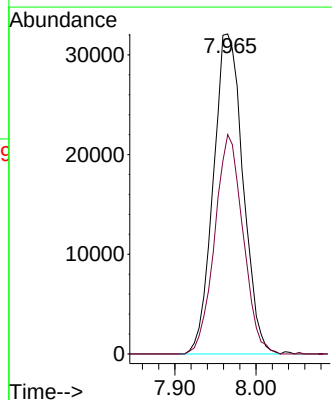
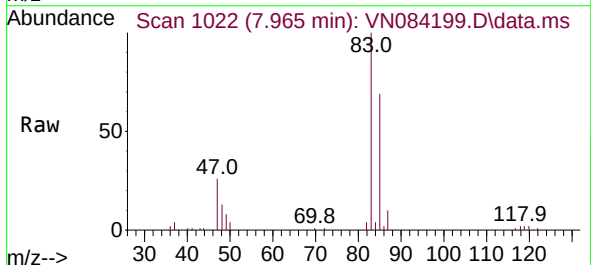
Instrument :  
MSVOA\_N  
ClientSampleId :

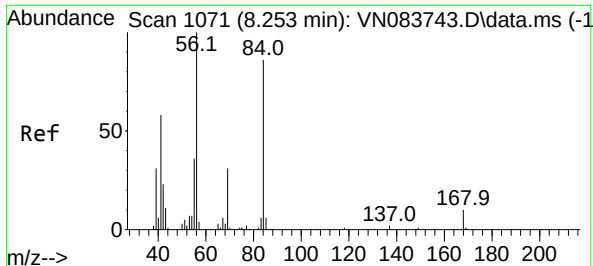
Tgt Ion: 42 Resp: 85463  
Ion Ratio Lower Upper  
42 100  
72 44.8 35.9 53.9  
71 42.1 33.9 50.9



#30  
Chloroform  
Concen: 22.294 ug/l  
RT: 7.965 min Scan# 1022  
Delta R.T. 0.006 min  
Lab File: VN084199.D  
Acq: 27 Sep 2024 13:30

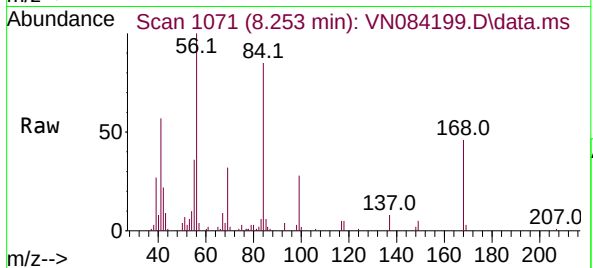
Tgt Ion: 83 Resp: 81524  
Ion Ratio Lower Upper  
83 100  
85 68.6 52.8 79.2



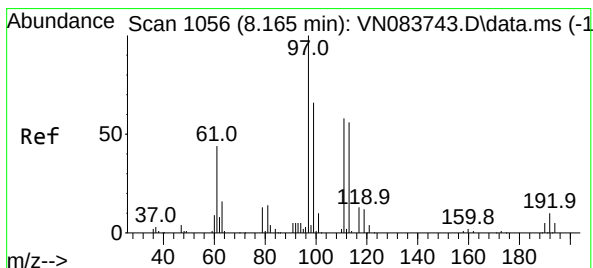
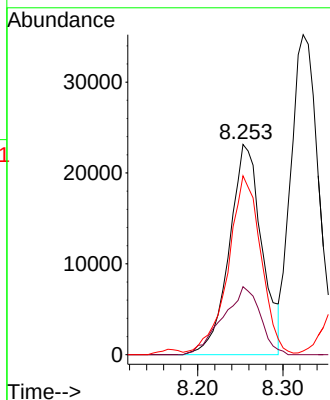
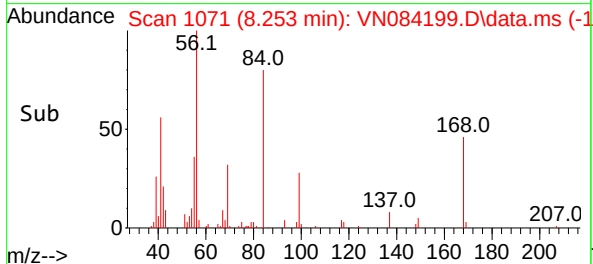


#31  
Cyclohexane  
Concen: 18.722 ug/l  
RT: 8.253 min Scan# 1071  
Delta R.T. 0.000 min  
Lab File: VN084199.D  
Acq: 27 Sep 2024 13:30

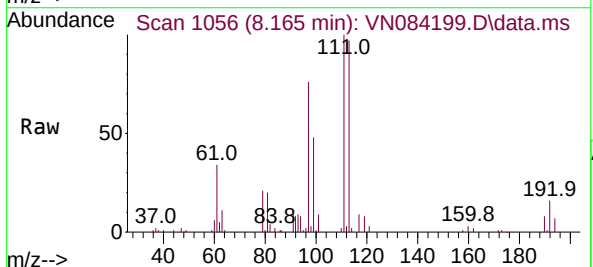
Instrument :  
MSVOA\_N  
ClientSampleId :



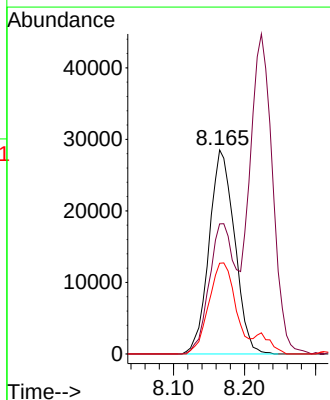
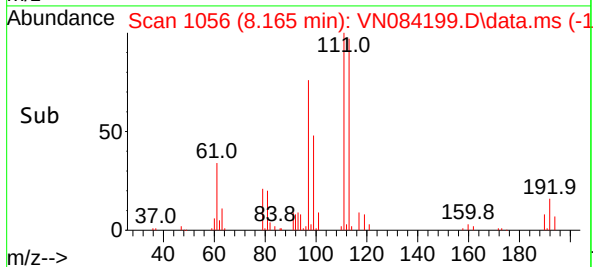
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 56    | Resp: | 61484 |
| Ion Ratio | Lower | Upper |       |
| 56        | 100   |       |       |
| 69        | 32.4  | 26.9  | 40.3  |
| 84        | 83.1  | 69.2  | 103.8 |

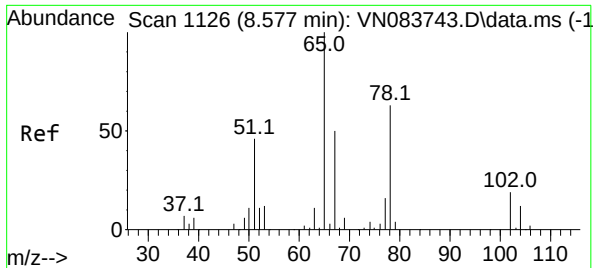


#32  
1,1,1-Trichloroethane  
Concen: 21.129 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. 0.000 min  
Lab File: VN084199.D  
Acq: 27 Sep 2024 13:30



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 97    | Resp: | 71045 |
| Ion Ratio | Lower | Upper |       |
| 97        | 100   |       |       |
| 99        | 66.8  | 52.3  | 78.5  |
| 61        | 46.6  | 38.2  | 57.2  |





#33

1,2-Dichloroethane-d4

Concen: 50.064 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN084199.D

Acq: 27 Sep 2024 13:30

Instrument :

MSVOA\_N

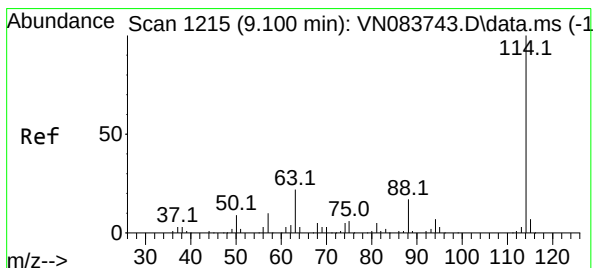
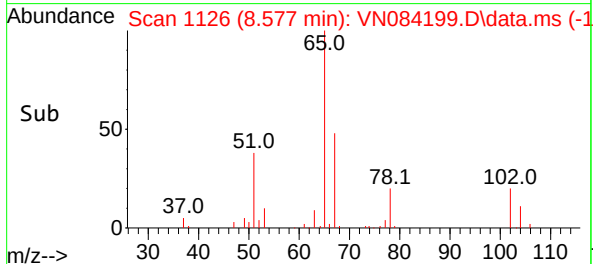
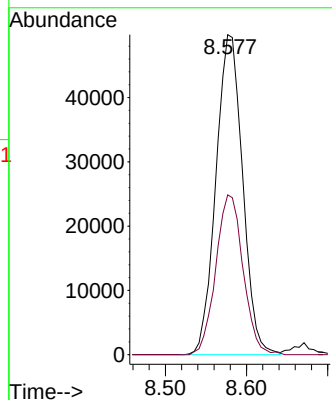
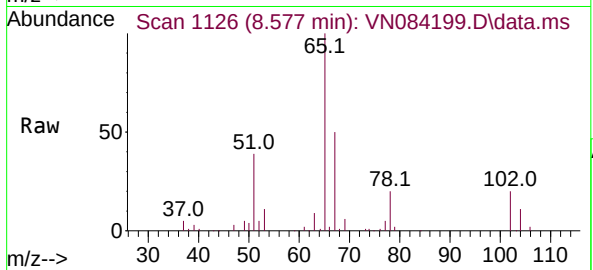
ClientSampleId :

Tgt Ion: 65 Resp: 113762

Ion Ratio Lower Upper

65 100

67 51.0 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN084199.D

Acq: 27 Sep 2024 13:30

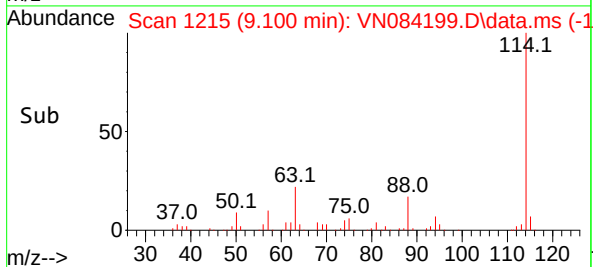
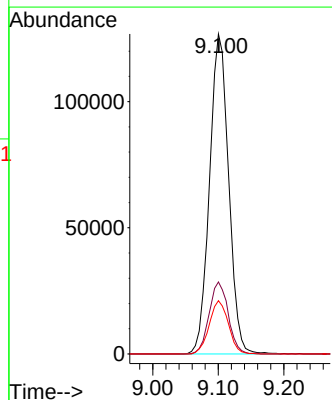
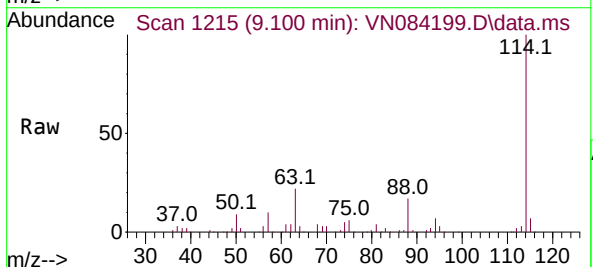
Tgt Ion: 114 Resp: 256691

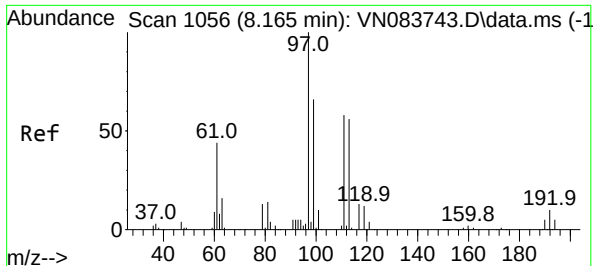
Ion Ratio Lower Upper

114 100

63 22.5 0.0 43.4

88 16.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.679 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084199.D

Acq: 27 Sep 2024 13:30

Instrument :

MSVOA\_N

ClientSampleId :

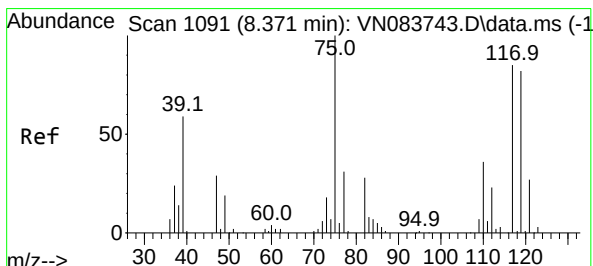
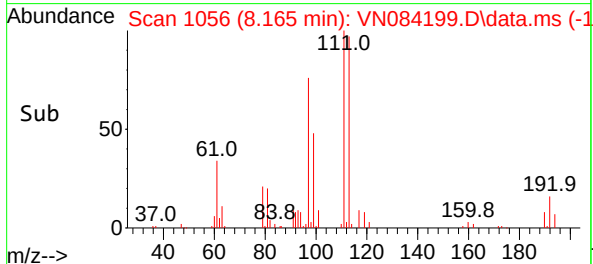
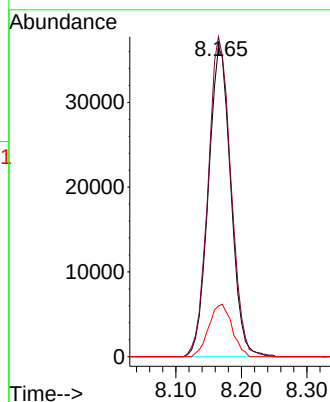
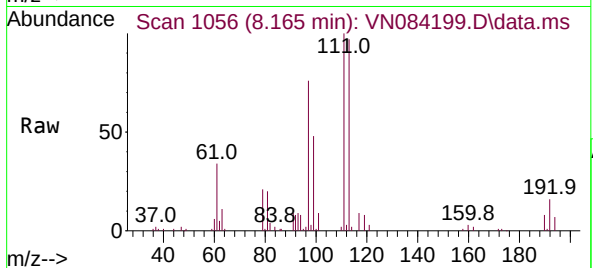
Tgt Ion:113 Resp: 86567

Ion Ratio Lower Upper

113 100

111 105.6 82.6 124.0

192 17.5 14.3 21.5



#36

1,1-Dichloropropene

Concen: 21.051 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VN084199.D

Acq: 27 Sep 2024 13:30

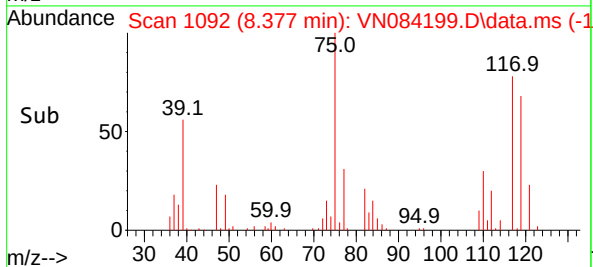
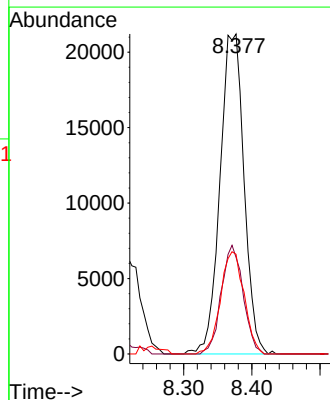
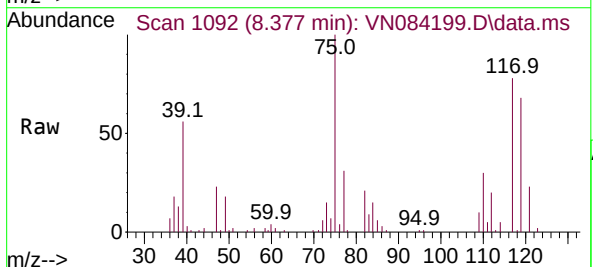
Tgt Ion: 75 Resp: 52067

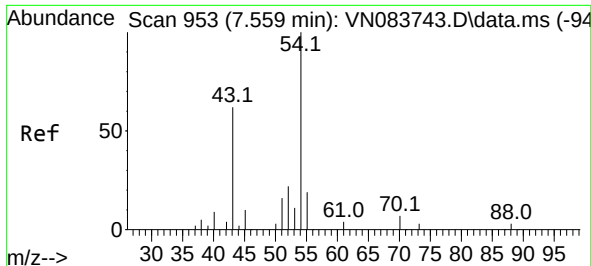
Ion Ratio Lower Upper

75 100

110 30.8 16.7 50.1

77 31.3 25.2 37.8





#37

Ethyl Acetate

Concen: 24.588 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

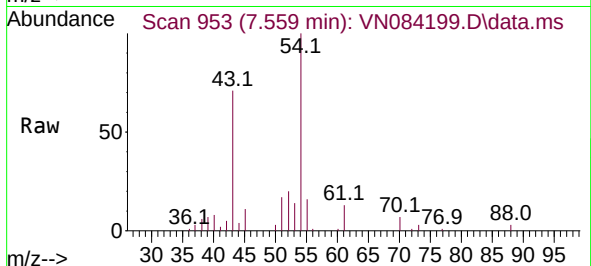
Lab File: VN084199.D

Acq: 27 Sep 2024 13:30

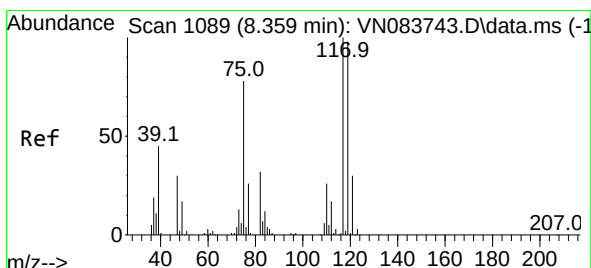
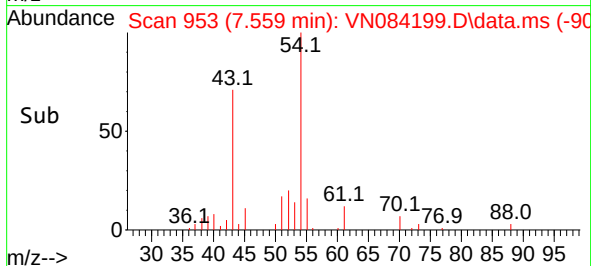
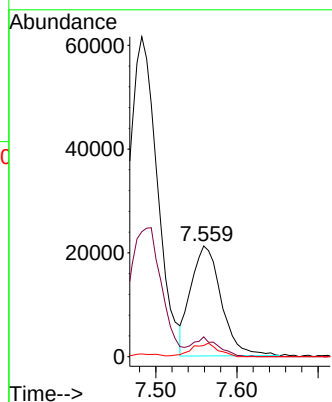
Instrument :

MSVOA\_N

ClientSampleId :



|             |                |
|-------------|----------------|
| Tgt Ion: 43 | Resp: 55204    |
| Ion Ratio   | Lower Upper    |
| 43          | 100            |
| 61          | 14.8 11.1 16.7 |
| 70          | 10.7 8.8 13.2  |



#38

Carbon Tetrachloride

Concen: 21.225 ug/l

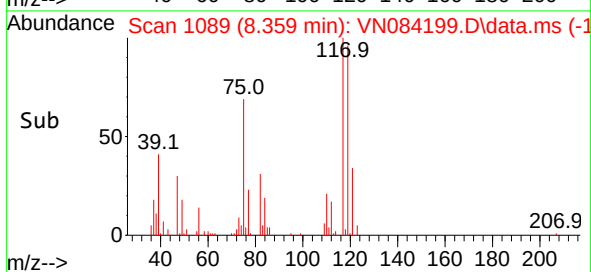
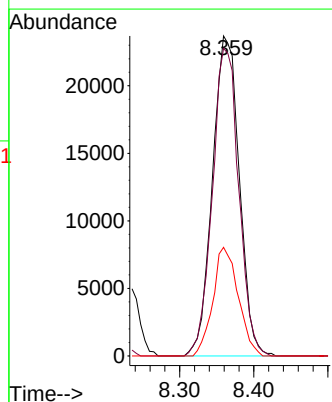
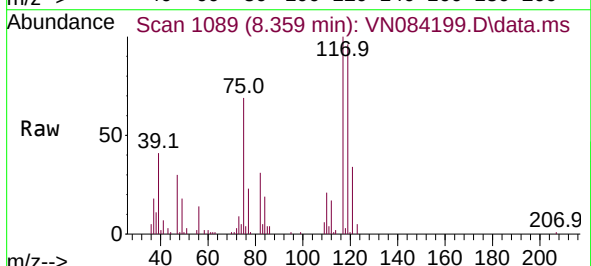
RT: 8.359 min Scan# 1089

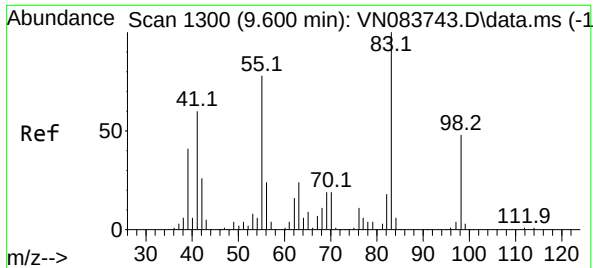
Delta R.T. 0.000 min

Lab File: VN084199.D

Acq: 27 Sep 2024 13:30

|              |                 |
|--------------|-----------------|
| Tgt Ion: 117 | Resp: 59560     |
| Ion Ratio    | Lower Upper     |
| 117          | 100             |
| 119          | 96.1 76.1 114.1 |
| 121          | 34.0 24.1 36.1  |

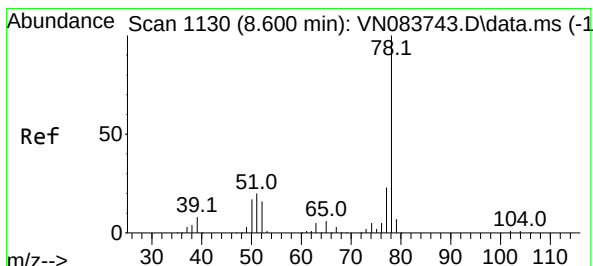
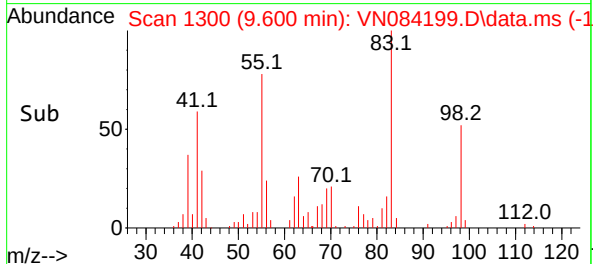
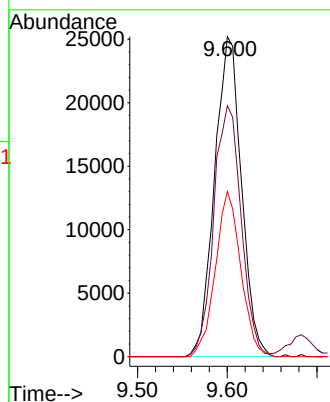
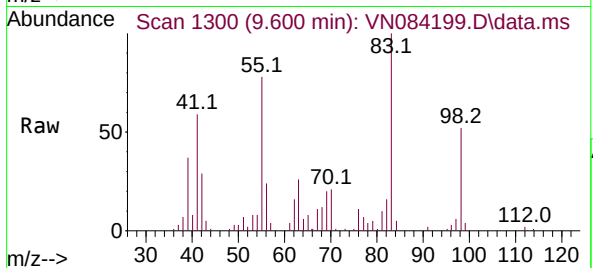




#39  
Methylcyclohexane  
Concen: 18.608 ug/l  
RT: 9.600 min Scan# 1130  
Delta R.T. 0.000 min  
Lab File: VN084199.D  
Acq: 27 Sep 2024 13:30

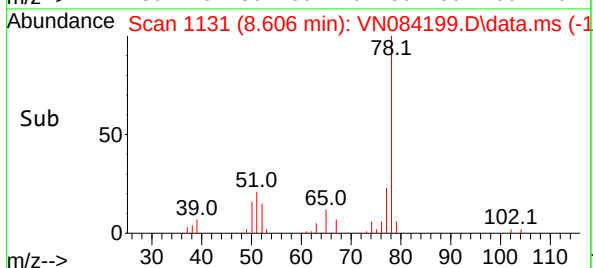
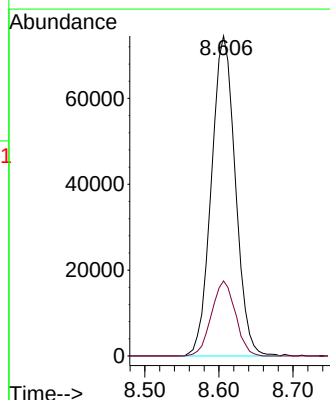
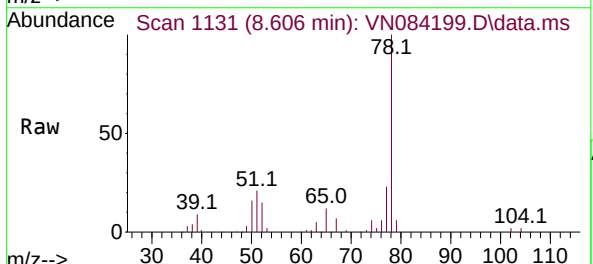
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 83 Resp: 52388  
Ion Ratio Lower Upper  
83 100  
55 78.4 62.2 93.4  
98 51.6 37.6 56.4

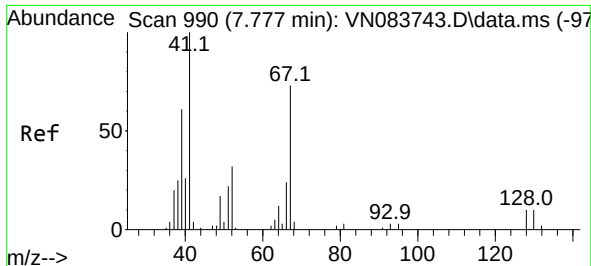


#40  
Benzene  
Concen: 22.488 ug/l  
RT: 8.606 min Scan# 1131  
Delta R.T. 0.006 min  
Lab File: VN084199.D  
Acq: 27 Sep 2024 13:30

Tgt Ion: 78 Resp: 167416  
Ion Ratio Lower Upper  
78 100  
77 23.5 19.0 28.6

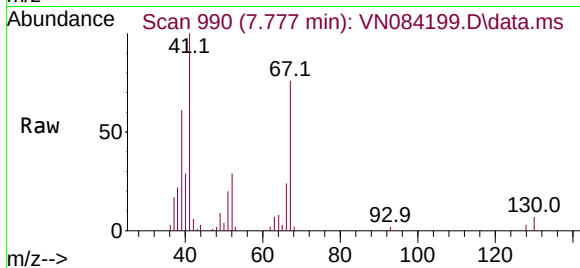




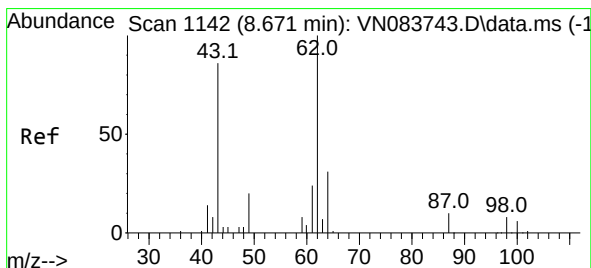
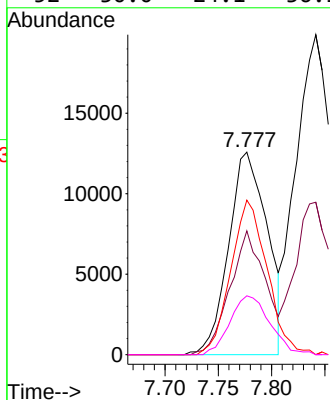
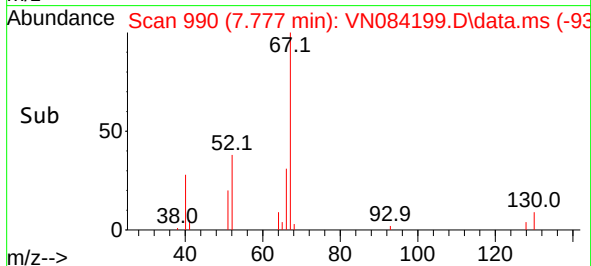


#41  
Methacrylonitrile  
Concen: 23.929 ug/l  
RT: 7.777 min Scan# 990  
Delta R.T. 0.000 min  
Lab File: VN084199.D  
Acq: 27 Sep 2024 13:30

Instrument :  
MSVOA\_N  
ClientSampleId :

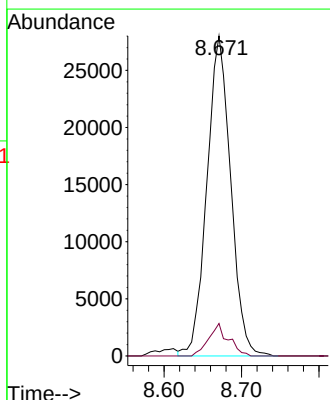
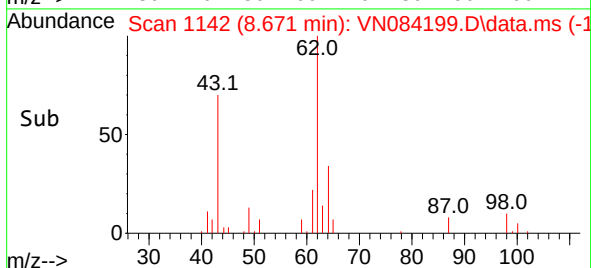
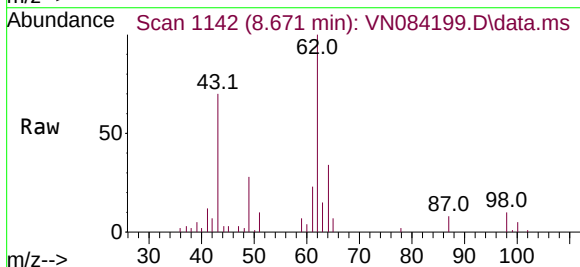


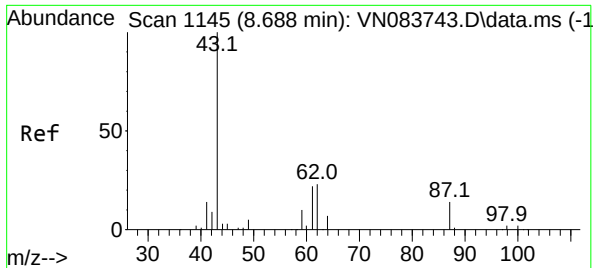
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 31775 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 56.2  | 45.4  | 68.2  |
| 67       | 71.8  | 55.9  | 83.9  |
| 52       | 30.0  | 24.1  | 36.1  |



#42  
1,2-Dichloroethane  
Concen: 21.515 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. 0.000 min  
Lab File: VN084199.D  
Acq: 27 Sep 2024 13:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 59850 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.4   | 0.0   | 16.6  |

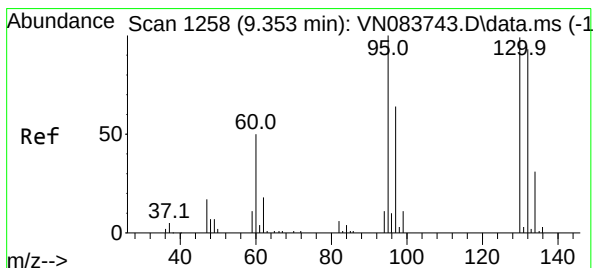
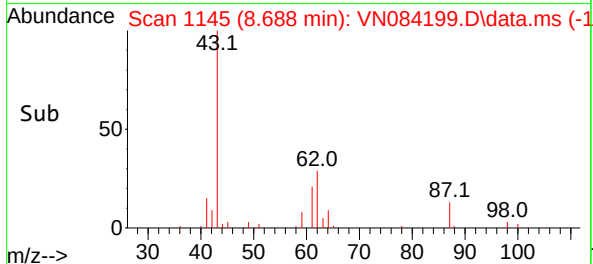
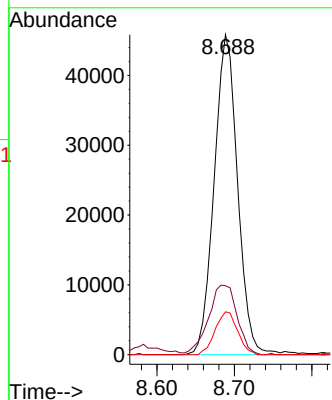
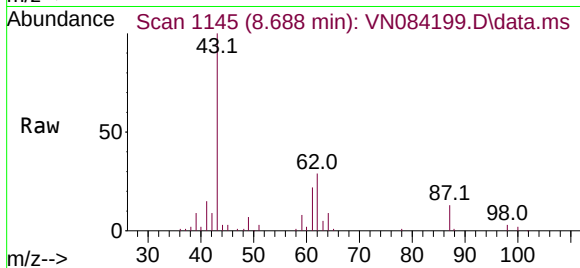




#43  
Isopropyl Acetate  
Concen: 23.647 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. 0.000 min  
Lab File: VN084199.D  
Acq: 27 Sep 2024 13:30

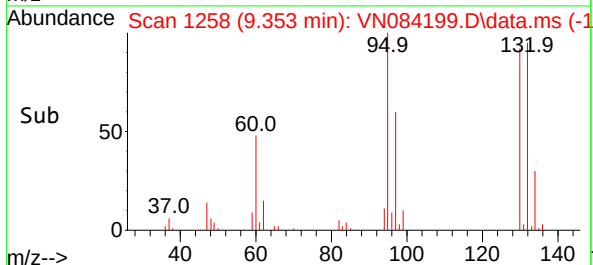
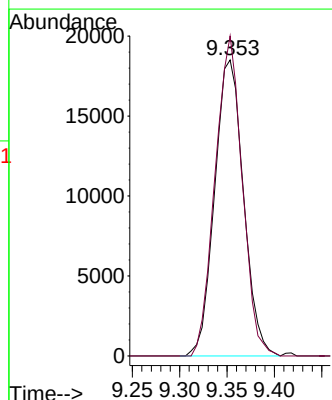
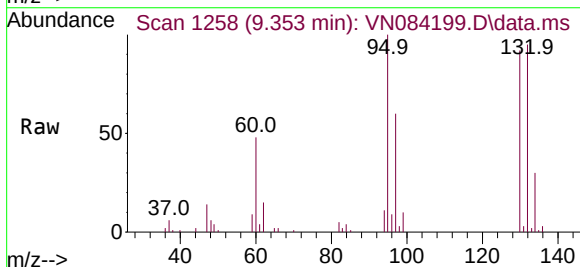
Instrument :  
MSVOA\_N  
ClientSampleId :

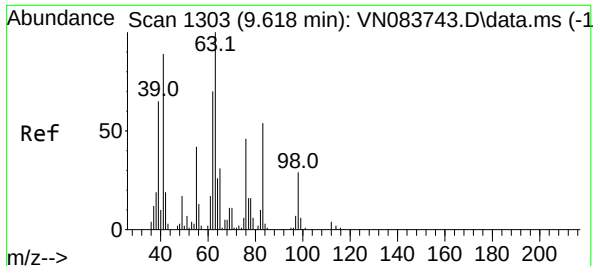
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 26.6  | 19.4  | 29.0  |
| 87      | 12.8  | 9.8   | 14.6  |



#44  
Trichloroethene  
Concen: 22.746 ug/l  
RT: 9.353 min Scan# 1258  
Delta R.T. 0.000 min  
Lab File: VN084199.D  
Acq: 27 Sep 2024 13:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 108.1 | 0.0   | 200.4 |





#45

1,2-Dichloropropane

Concen: 24.610 ug/l

RT: 9.618 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084199.D

Acq: 27 Sep 2024 13:30

Instrument :

MSVOA\_N

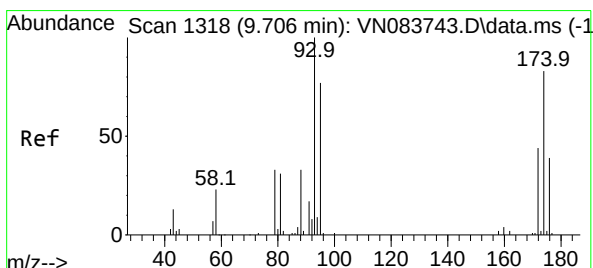
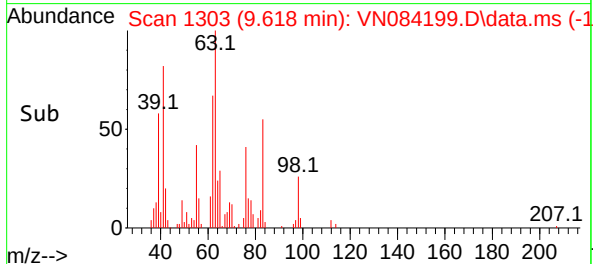
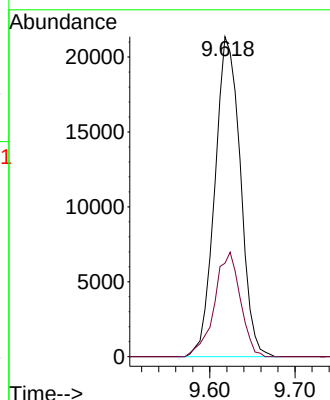
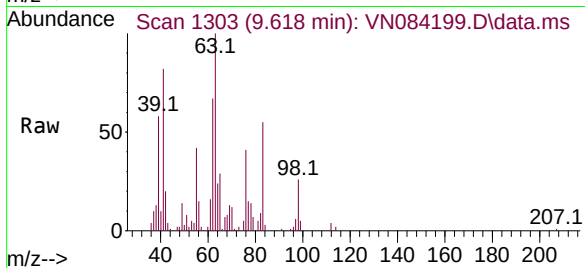
ClientSampleId :

Tgt Ion: 63 Resp: 44281

Ion Ratio Lower Upper

63 100

65 29.2 25.9 38.9



#46

Dibromomethane

Concen: 22.708 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN084199.D

Acq: 27 Sep 2024 13:30

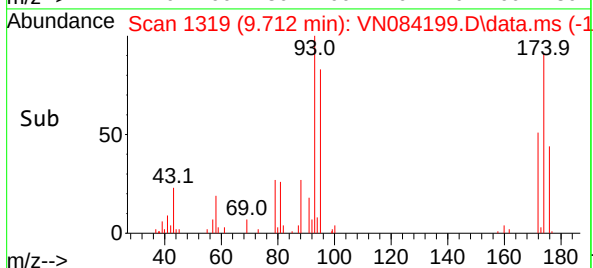
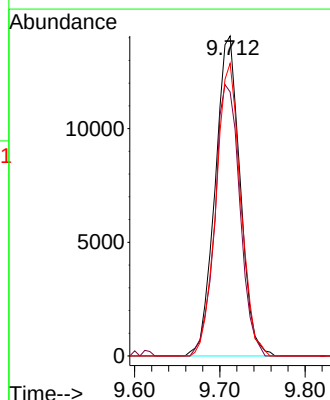
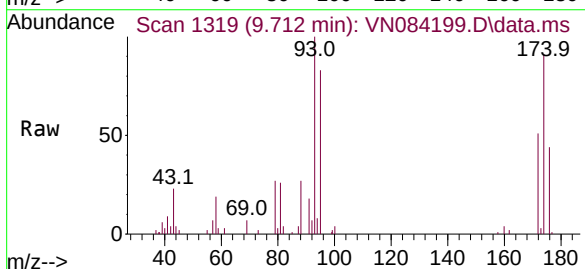
Tgt Ion: 93 Resp: 28619

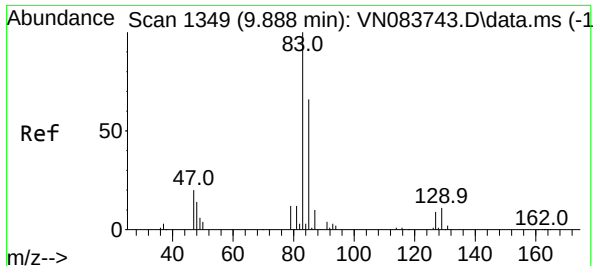
Ion Ratio Lower Upper

93 100

95 85.2 65.3 97.9

174 90.1 71.0 106.4





#47

Bromodichloromethane

Concen: 24.178 ug/l

RT: 9.888 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084199.D

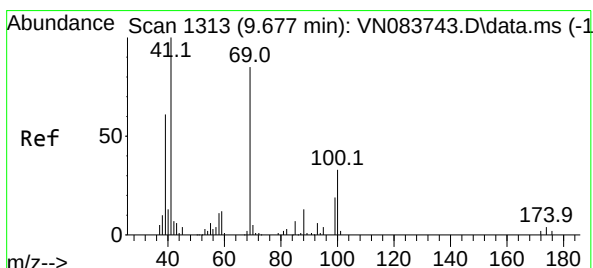
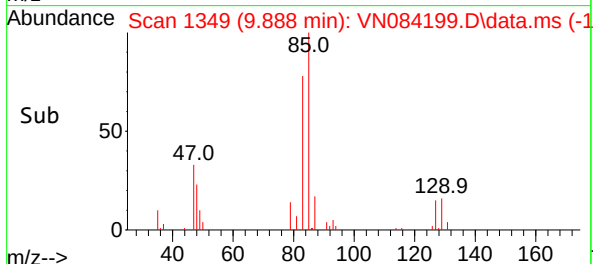
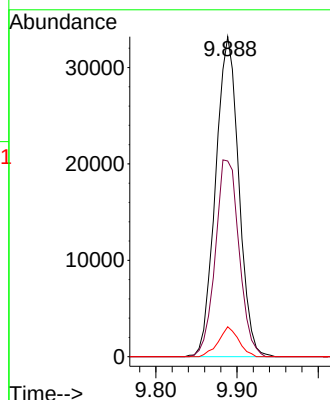
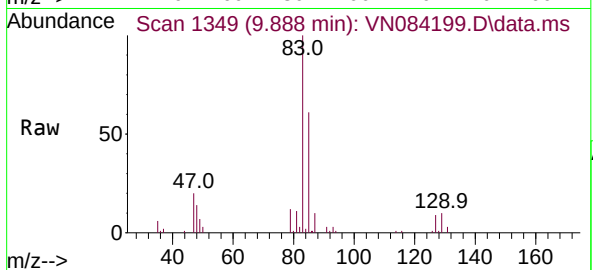
Acq: 27 Sep 2024 13:30

Instrument :

MSVOA\_N

ClientSampleId :

|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 65947 |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 85 61.1     | 51.8 77.8   |
| 127 9.4     | 6.6 9.8     |



#48

Methyl methacrylate

Concen: 23.520 ug/l

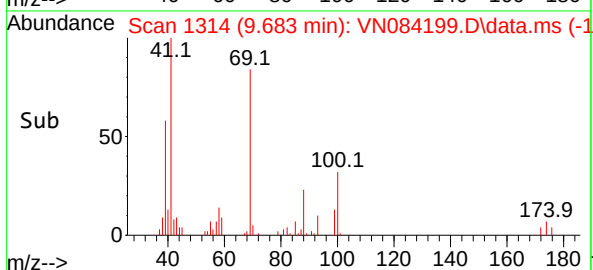
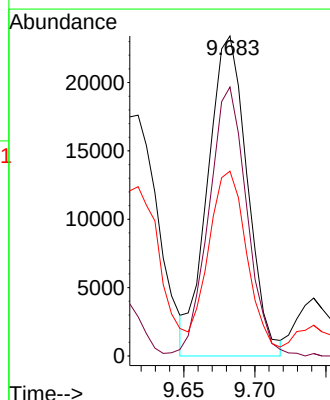
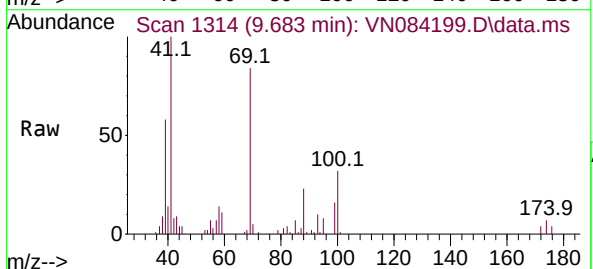
RT: 9.683 min Scan# 1314

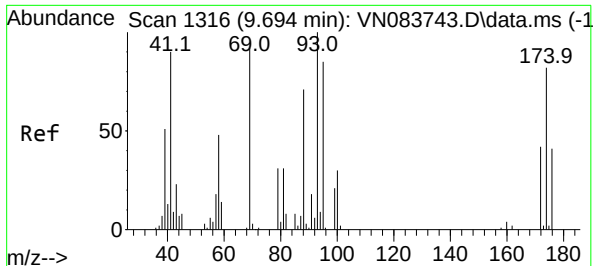
Delta R.T. 0.006 min

Lab File: VN084199.D

Acq: 27 Sep 2024 13:30

|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 45400 |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 69 81.1     | 64.3 96.5   |
| 39 57.0     | 48.9 73.3   |





#49

1,4-Dioxane

Concen: 525.956 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084199.D

Acq: 27 Sep 2024 13:30

Instrument :

MSVOA\_N

ClientSampleId :

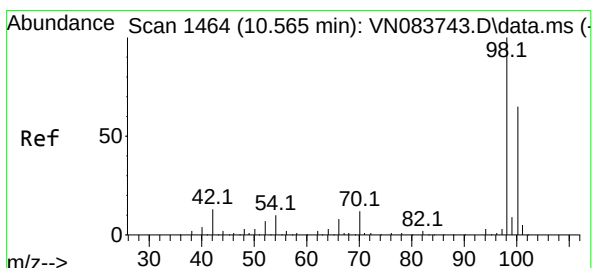
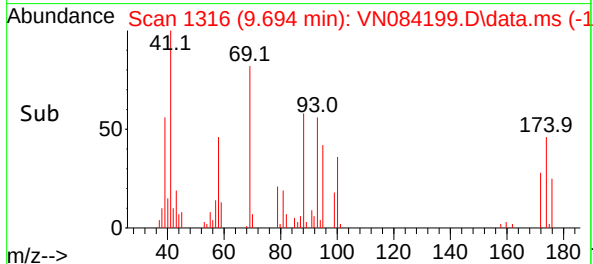
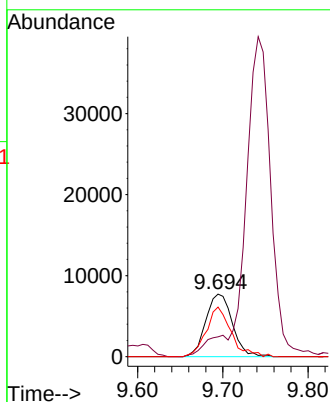
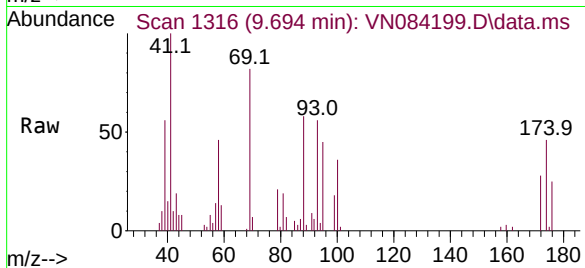
Tgt Ion: 88 Resp: 16701

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 74.4 57.1 85.7



#50

Toluene-d8

Concen: 54.781 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084199.D

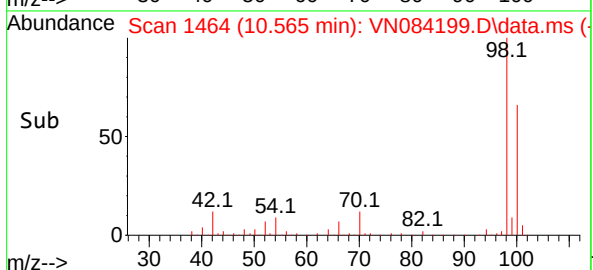
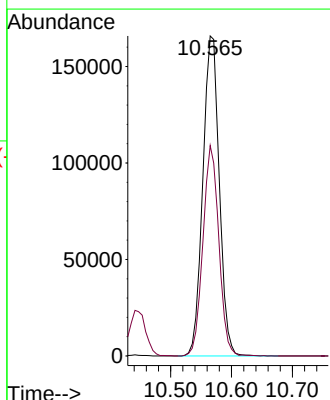
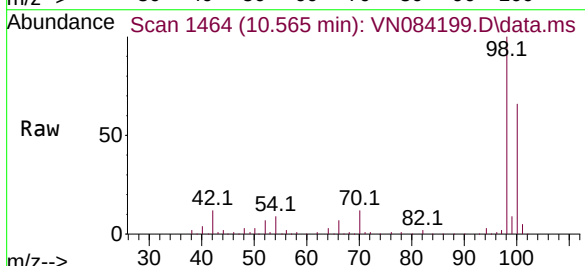
Acq: 27 Sep 2024 13:30

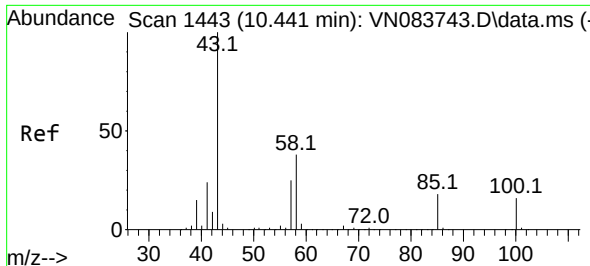
Tgt Ion: 98 Resp: 311210

Ion Ratio Lower Upper

98 100

100 63.5 52.0 78.0

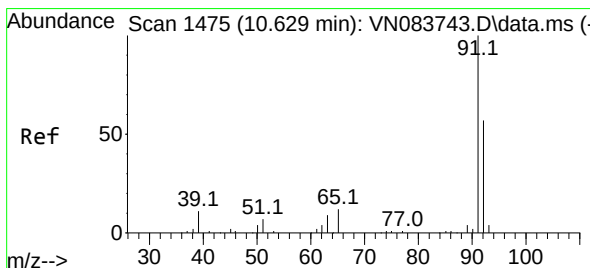
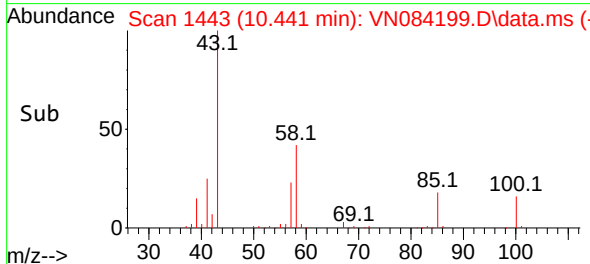
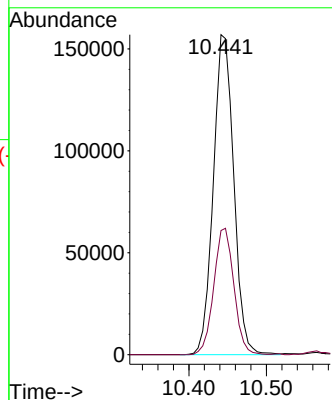
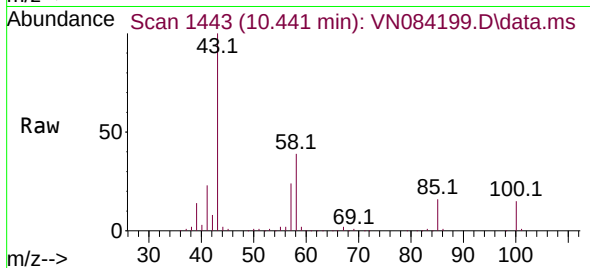




#51  
4-Methyl-2-Pentanone  
Concen: 130.059 ug/l  
RT: 10.441 min Scan# 1443  
Delta R.T. 0.000 min  
Lab File: VN084199.D  
Acq: 27 Sep 2024 13:30

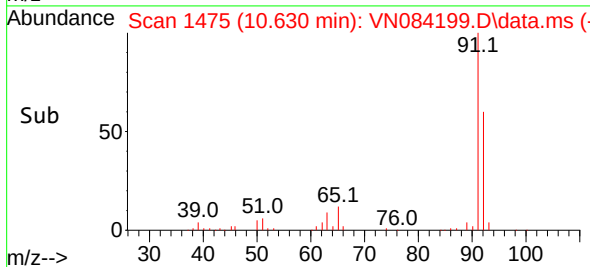
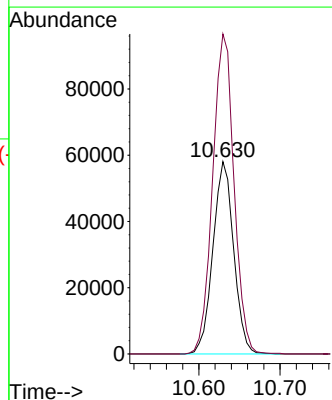
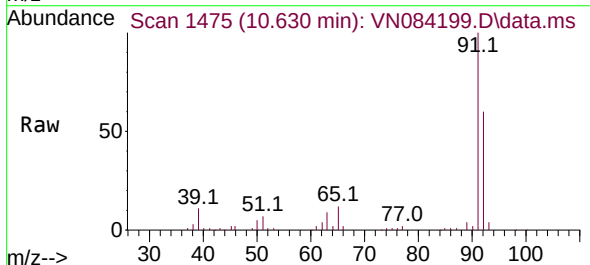
Instrument :  
MSVOA\_N  
ClientSampleId :

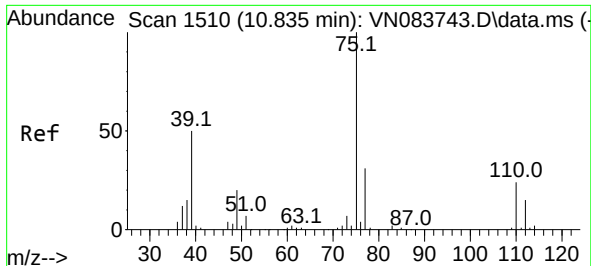
Tgt Ion: 43 Resp: 288037  
Ion Ratio Lower Upper  
43 100  
58 38.9 31.6 47.4



#52  
Toluene  
Concen: 22.677 ug/l  
RT: 10.630 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VN084199.D  
Acq: 27 Sep 2024 13:30

Tgt Ion: 92 Resp: 103264  
Ion Ratio Lower Upper  
92 100  
91 171.0 134.7 202.1

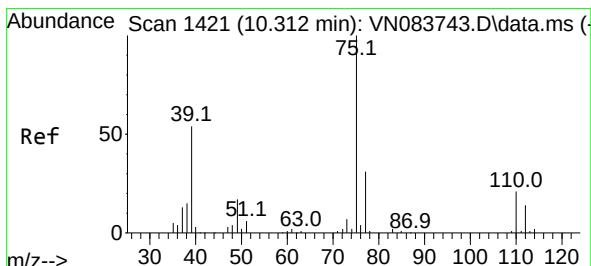
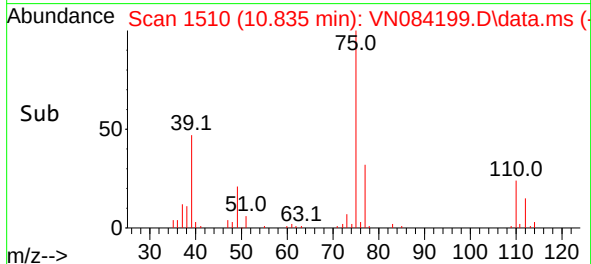
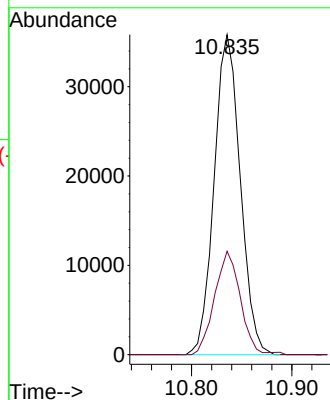
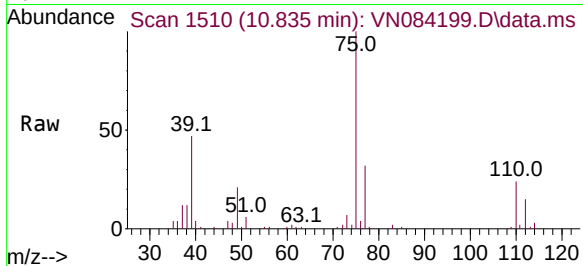




#53  
t-1,3-Dichloropropene  
Concen: 23.421 ug/l  
RT: 10.835 min Scan# 1510  
Delta R.T. 0.000 min  
Lab File: VN084199.D  
Acq: 27 Sep 2024 13:30

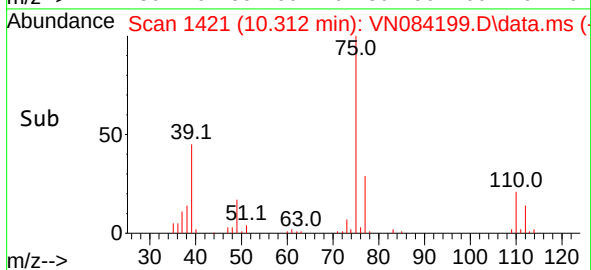
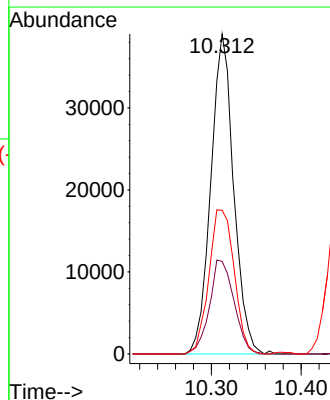
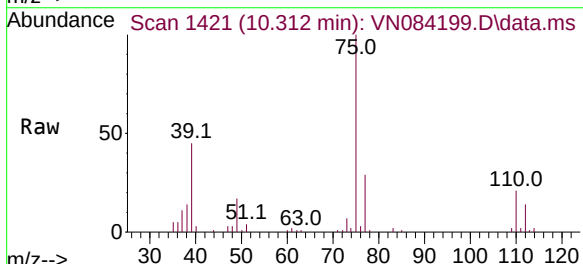
Instrument :  
MSVOA\_N  
ClientSampleId :

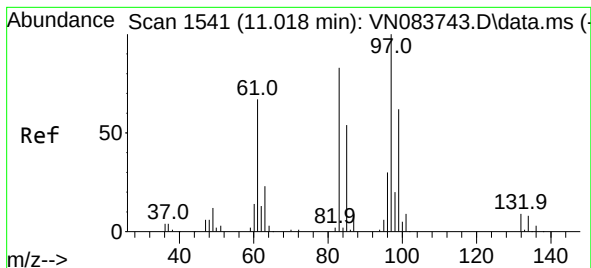
Tgt Ion: 75 Resp: 64752  
Ion Ratio Lower Upper  
75 100  
77 32.3 25.8 38.6



#54  
cis-1,3-Dichloropropene  
Concen: 23.727 ug/l  
RT: 10.312 min Scan# 1421  
Delta R.T. 0.000 min  
Lab File: VN084199.D  
Acq: 27 Sep 2024 13:30

Tgt Ion: 75 Resp: 68906  
Ion Ratio Lower Upper  
75 100  
77 29.0 25.0 37.6  
39 44.9 42.6 64.0





#55

1,1,2-Trichloroethane

Concen: 23.538 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

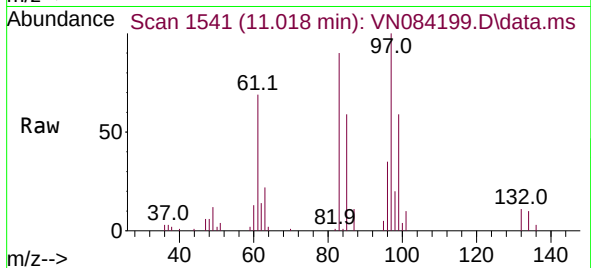
Lab File: VN084199.D

Acq: 27 Sep 2024 13:30

Instrument :

MSVOA\_N

ClientSampleId :



Tgt Ion: 97 Resp: 40015

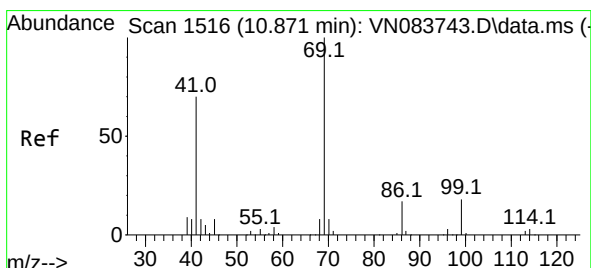
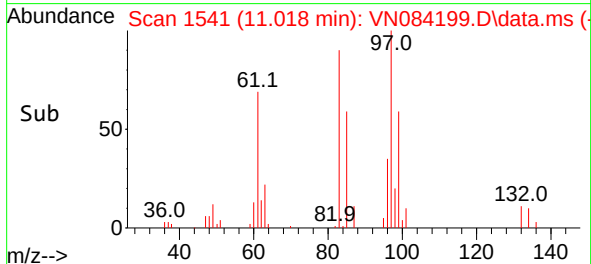
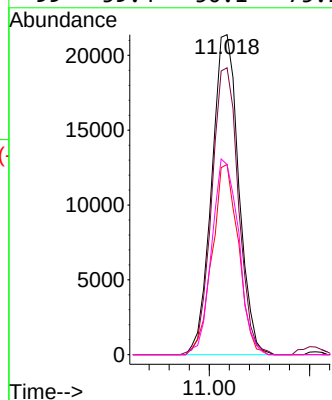
Ion Ratio Lower Upper

97 100

83 89.7 67.5 101.3

85 59.5 44.2 66.2

99 59.4 50.1 75.1



#56

Ethyl methacrylate

Concen: 23.553 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VN084199.D

Acq: 27 Sep 2024 13:30

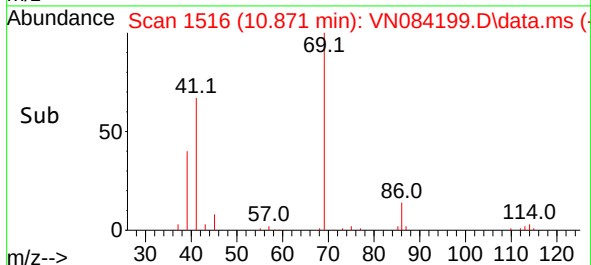
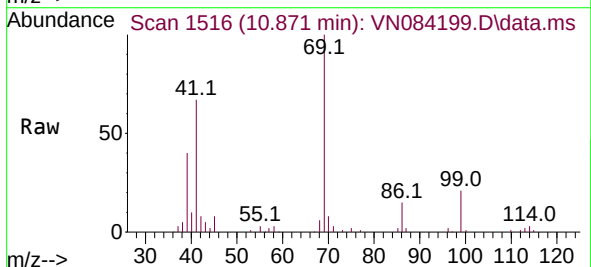
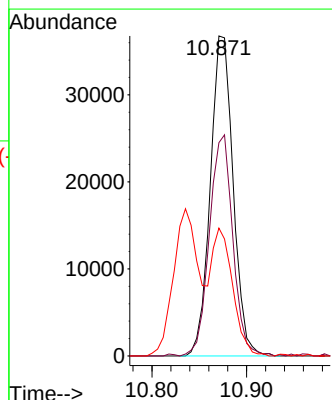
Tgt Ion: 69 Resp: 61605

Ion Ratio Lower Upper

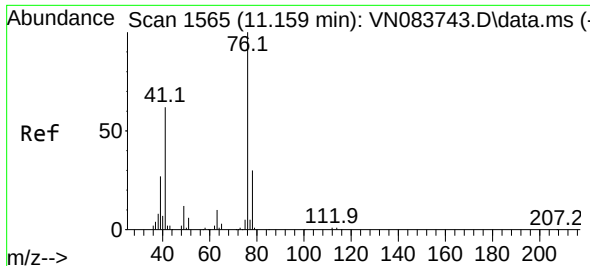
69 100

41 71.0 53.9 80.9

39 35.4 32.6 48.8







#57

1,3-Dichloropropane

Concen: 23.758 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.006 min

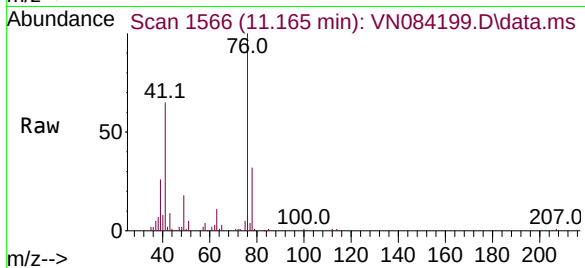
Lab File: VN084199.D

Acq: 27 Sep 2024 13:30

Instrument :

MSVOA\_N

ClientSampleId :

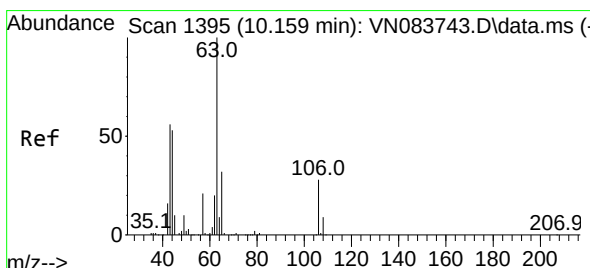
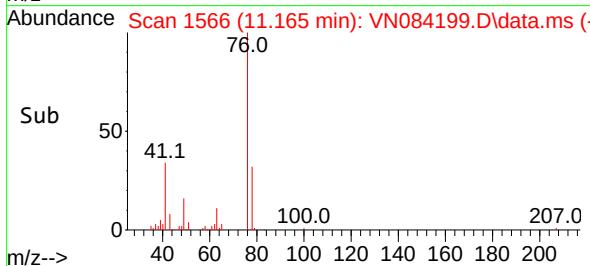
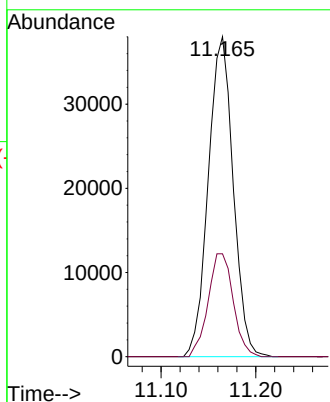


Tgt Ion: 76 Resp: 69416

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 134.503 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN084199.D

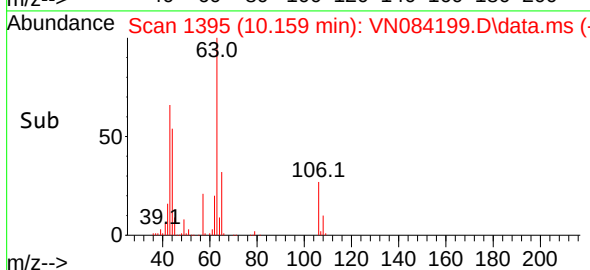
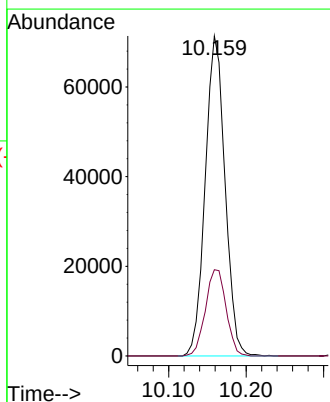
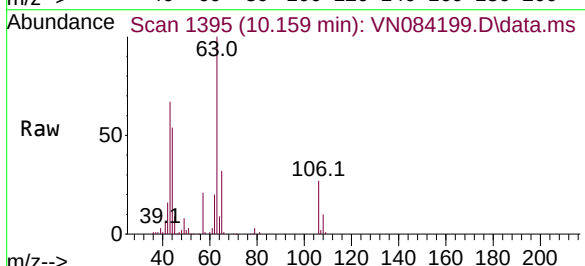
Acq: 27 Sep 2024 13:30

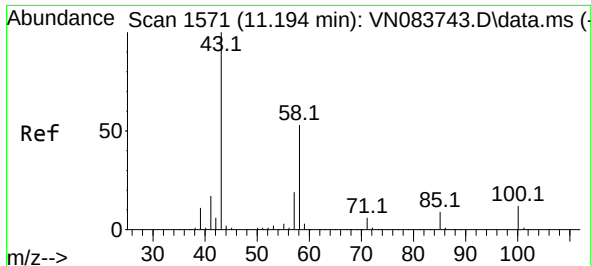
Tgt Ion: 63 Resp: 126761

Ion Ratio Lower Upper

63 100

106 28.2 23.3 34.9

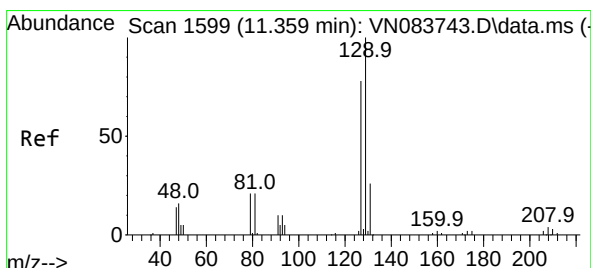
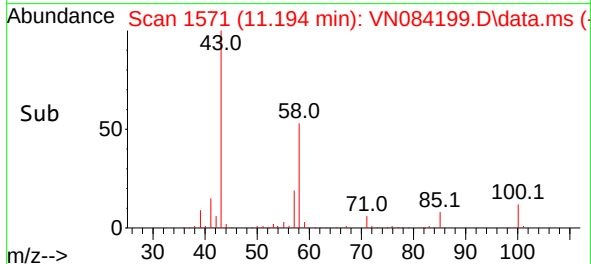
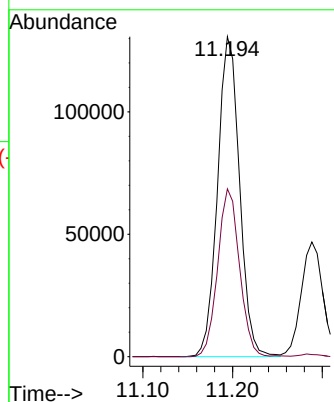
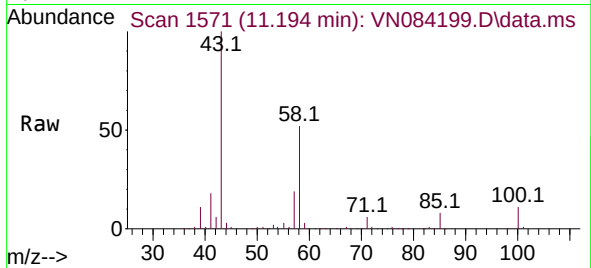




#59  
2-Hexanone  
Concen: 135.852 ug/l  
RT: 11.194 min Scan# 1571  
Delta R.T. 0.000 min  
Lab File: VN084199.D  
Acq: 27 Sep 2024 13:30

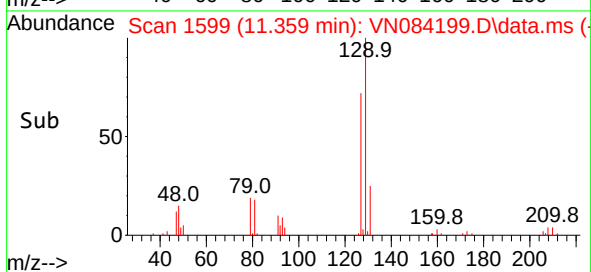
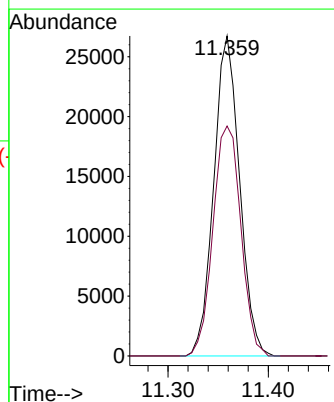
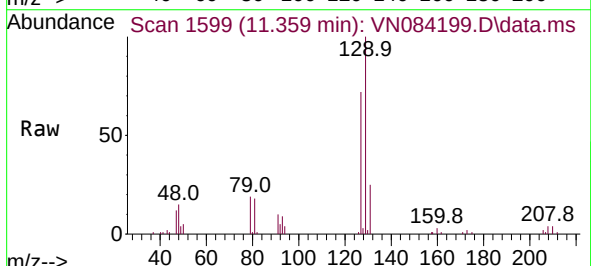
Instrument :  
MSVOA\_N  
ClientSampleId :

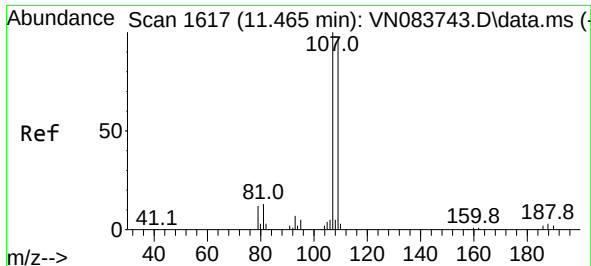
Tgt Ion: 43 Resp: 222558  
Ion Ratio Lower Upper  
43 100  
58 52.2 27.2 81.5



#60  
Dibromochloromethane  
Concen: 25.113 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. 0.000 min  
Lab File: VN084199.D  
Acq: 27 Sep 2024 13:30

Tgt Ion: 129 Resp: 47780  
Ion Ratio Lower Upper  
129 100  
127 77.6 39.0 116.9

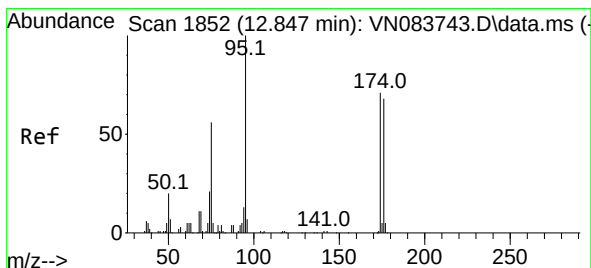
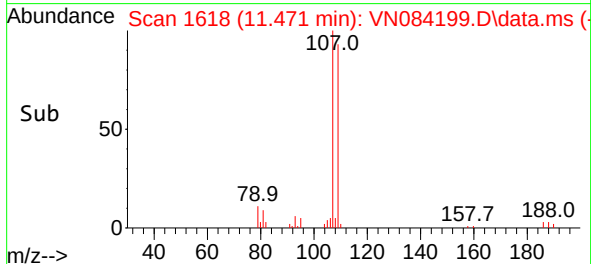
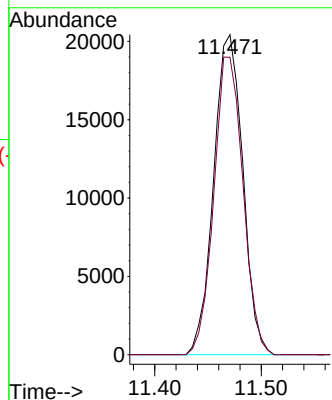
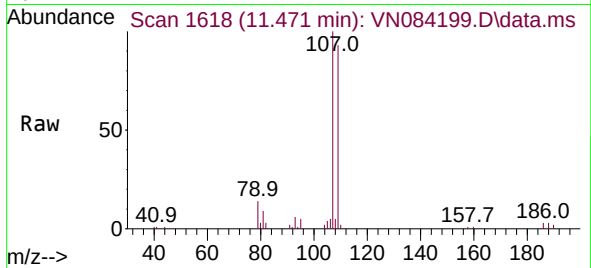




#61  
1,2-Dibromoethane  
Concen: 22.902 ug/l  
RT: 11.471 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN084199.D  
Acq: 27 Sep 2024 13:30

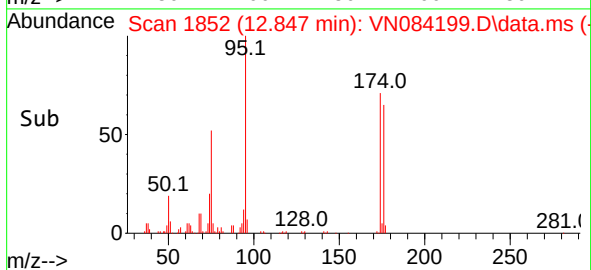
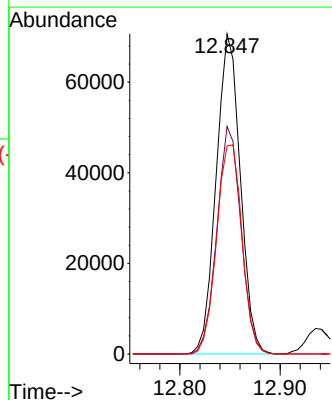
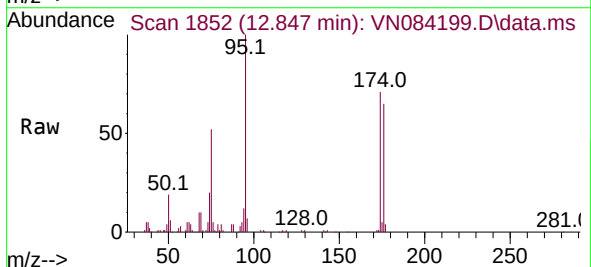
Instrument :  
MSVOA\_N  
ClientSampleId :

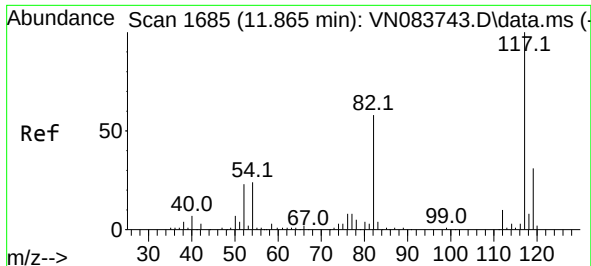
Tgt Ion:107 Resp: 38829  
Ion Ratio Lower Upper  
107 100  
109 93.1 75.6 113.4



#62  
4-Bromofluorobenzene  
Concen: 50.388 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. 0.000 min  
Lab File: VN084199.D  
Acq: 27 Sep 2024 13:30

Tgt Ion: 95 Resp: 118102  
Ion Ratio Lower Upper  
95 100  
174 70.9 0.0 139.8  
176 68.7 0.0 131.4

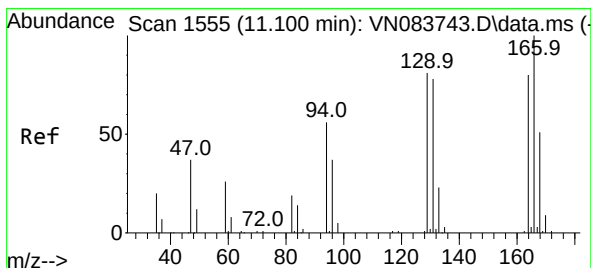
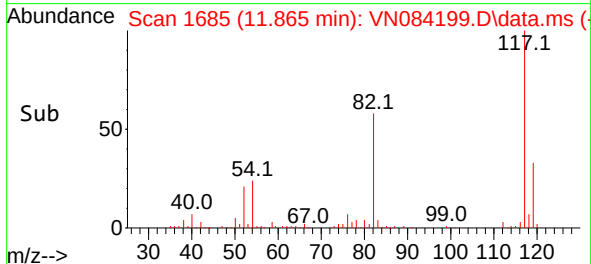
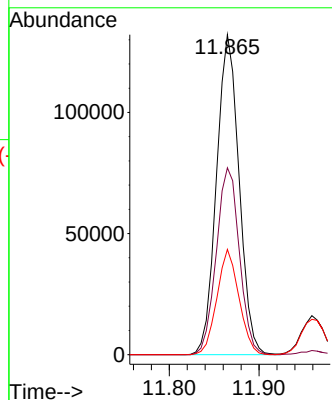
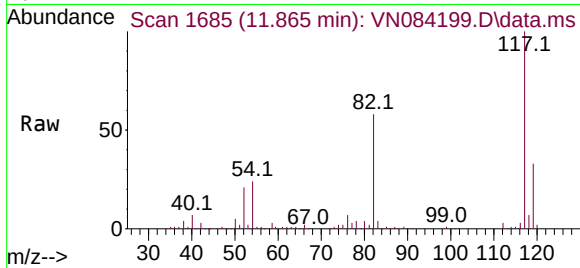




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN084199.D  
Acq: 27 Sep 2024 13:30

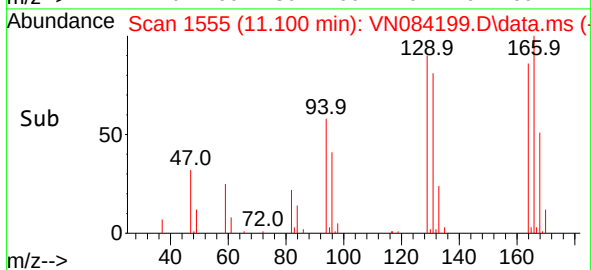
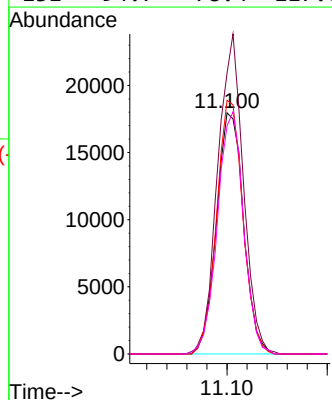
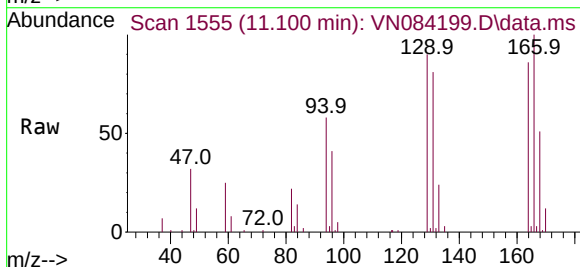
Instrument :  
MSVOA\_N  
ClientSampleId :

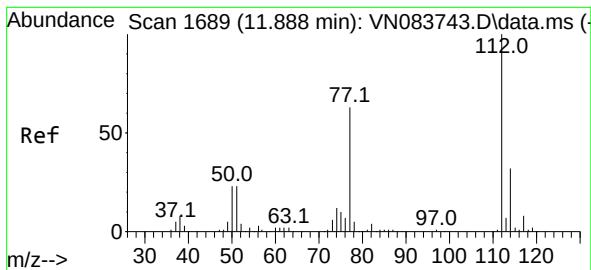
Tgt Ion:117 Resp: 230723  
Ion Ratio Lower Upper  
117 100  
82 58.4 47.4 71.0  
119 32.9 26.3 39.5



#64  
Tetrachloroethene  
Concen: 21.937 ug/l  
RT: 11.100 min Scan# 1555  
Delta R.T. 0.000 min  
Lab File: VN084199.D  
Acq: 27 Sep 2024 13:30

Tgt Ion:164 Resp: 33660  
Ion Ratio Lower Upper  
164 100  
166 116.5 103.7 155.5  
129 105.3 79.9 119.9  
131 94.7 78.4 117.6

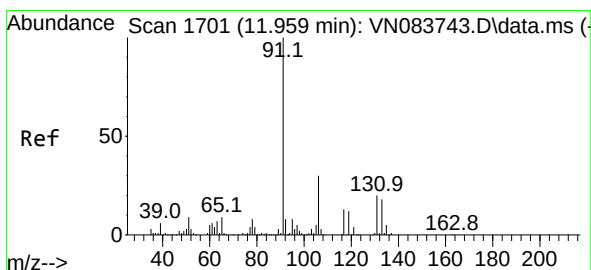
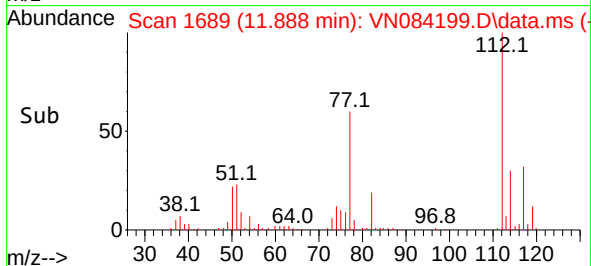
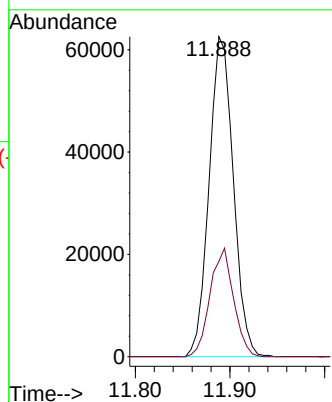
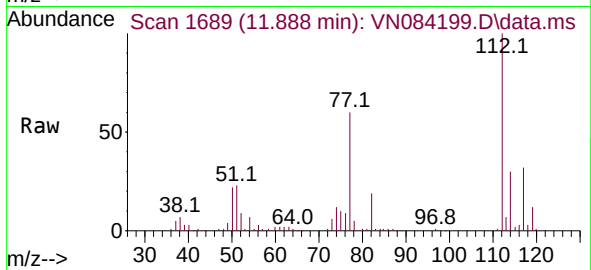




#65  
Chlorobenzene  
Concen: 21.657 ug/l  
RT: 11.888 min Scan# 111054  
Delta R.T. 0.000 min  
Lab File: VN084199.D  
Acq: 27 Sep 2024 13:30

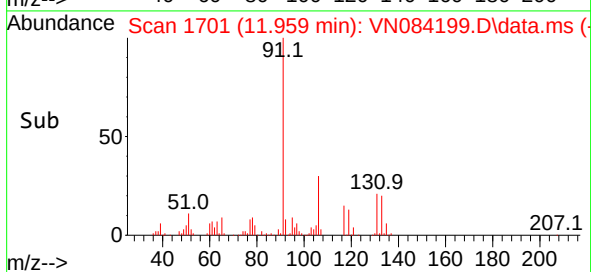
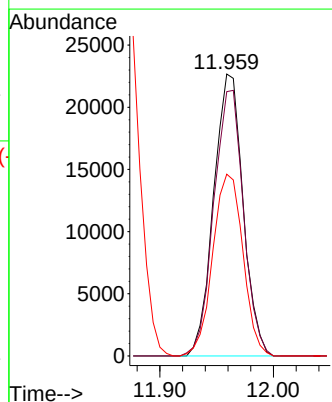
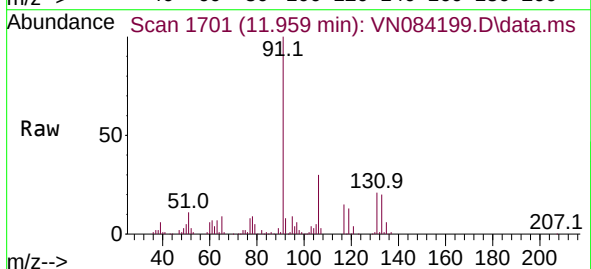
Instrument :  
MSVOA\_N  
ClientSampleId :

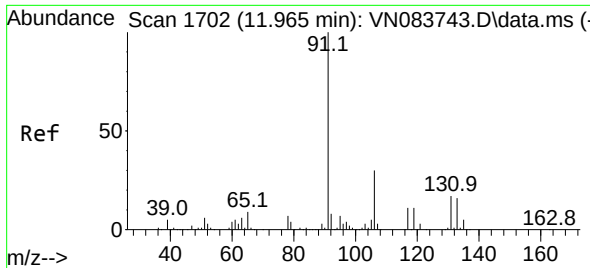
Tgt Ion:112 Resp: 111054  
Ion Ratio Lower Upper  
112 100  
114 29.8 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 22.919 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VN084199.D  
Acq: 27 Sep 2024 13:30

Tgt Ion:131 Resp: 40744  
Ion Ratio Lower Upper  
131 100  
133 95.0 47.5 142.6  
119 66.3 31.6 94.8

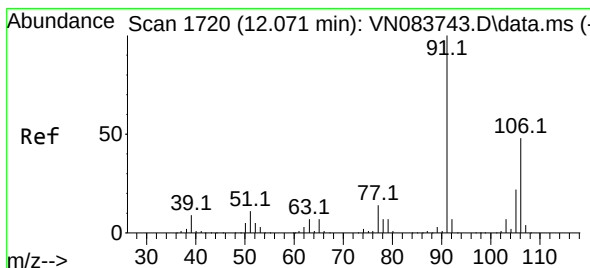
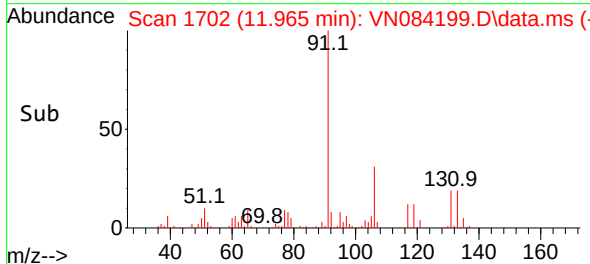
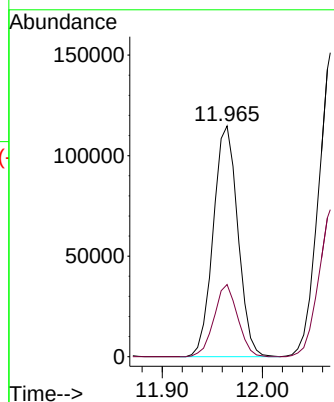
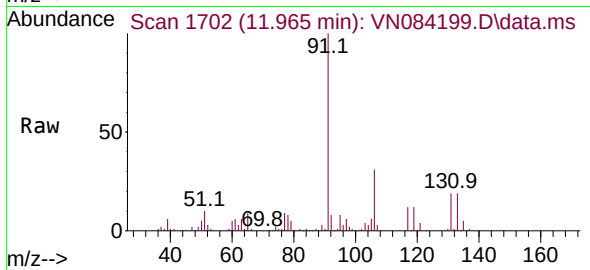




#67  
Ethyl Benzene  
Concen: 21.446 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. 0.000 min  
Lab File: VN084199.D  
Acq: 27 Sep 2024 13:30

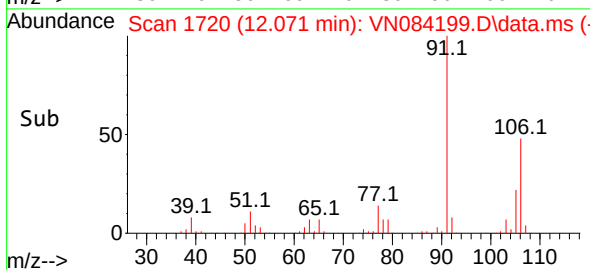
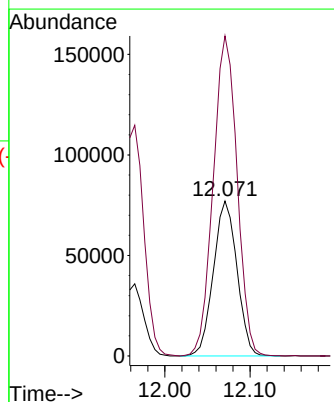
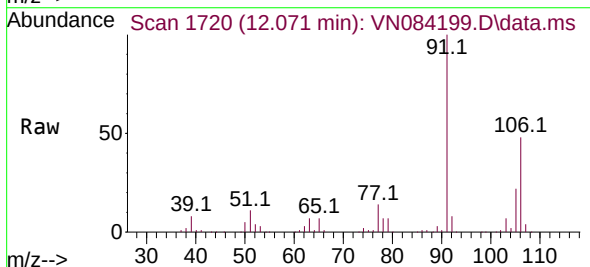
Instrument :  
MSVOA\_N  
ClientSampleId :

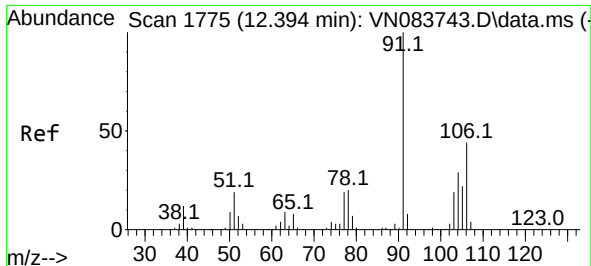
Tgt Ion: 91 Resp: 195358  
Ion Ratio Lower Upper  
91 100  
106 31.3 24.3 36.5



#68  
m/p-Xylenes  
Concen: 43.764 ug/l  
RT: 12.071 min Scan# 1720  
Delta R.T. 0.000 min  
Lab File: VN084199.D  
Acq: 27 Sep 2024 13:30

Tgt Ion:106 Resp: 148010  
Ion Ratio Lower Upper  
106 100  
91 209.5 169.2 253.8

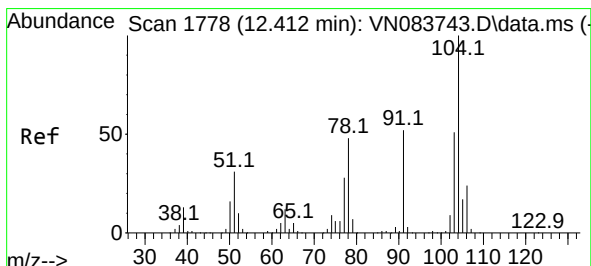
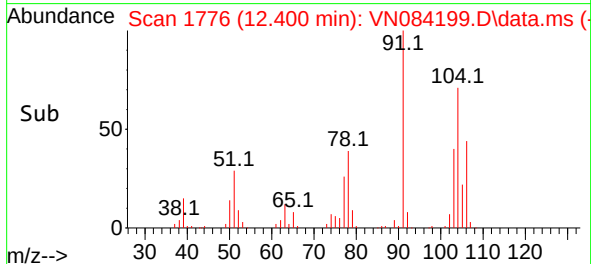
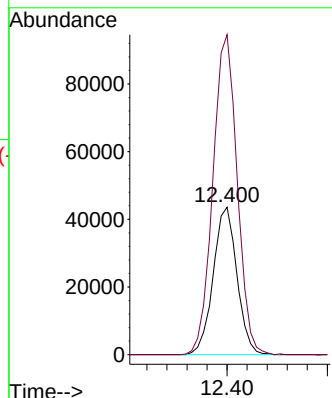
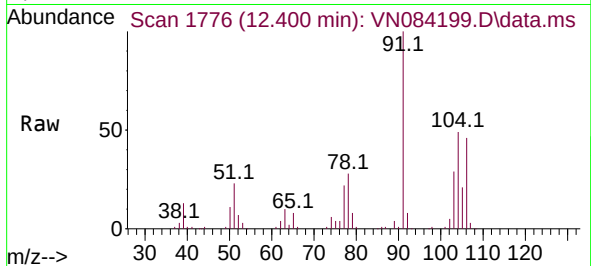




#69  
o-Xylene  
Concen: 21.902 ug/l  
RT: 12.400 min Scan# 1776  
Delta R.T. 0.006 min  
Lab File: VN084199.D  
Acq: 27 Sep 2024 13:30

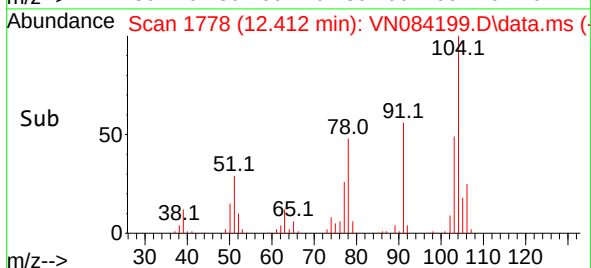
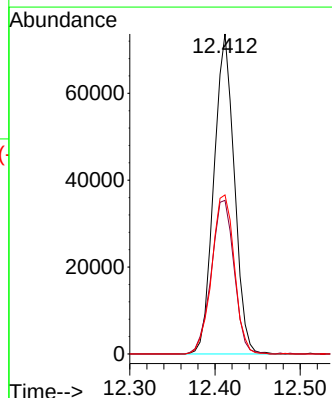
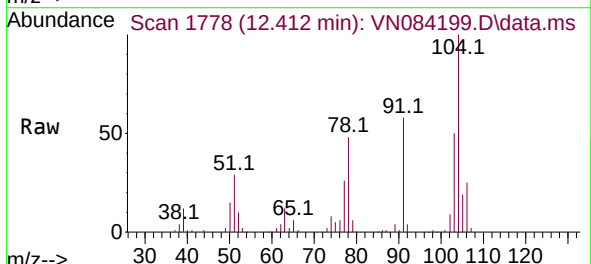
Instrument :  
MSVOA\_N  
ClientSampleId :

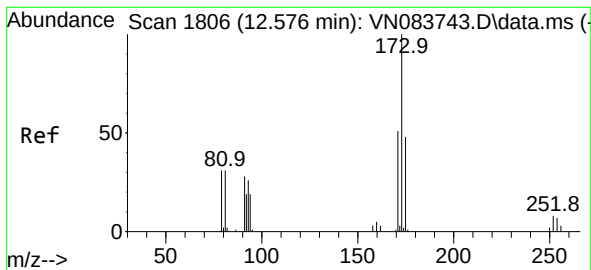
Tgt Ion:106 Resp: 71708  
Ion Ratio Lower Upper  
106 100  
91 221.9 112.9 338.6



#70  
Styrene  
Concen: 22.830 ug/l  
RT: 12.412 min Scan# 1778  
Delta R.T. 0.000 min  
Lab File: VN084199.D  
Acq: 27 Sep 2024 13:30

Tgt Ion:104 Resp: 122669  
Ion Ratio Lower Upper  
104 100  
78 53.5 43.3 64.9  
103 54.9 43.4 65.2





#71

Bromoform

Concen: 25.368 ug/l

RT: 12.576 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084199.D

Acq: 27 Sep 2024 13:30

Instrument :

MSVOA\_N

ClientSampleId :

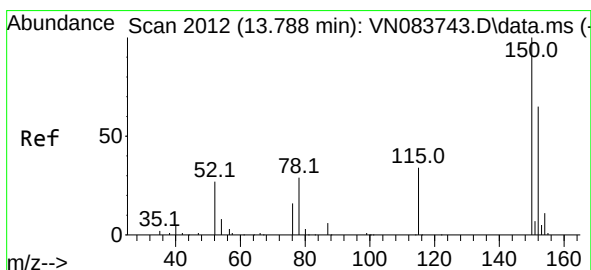
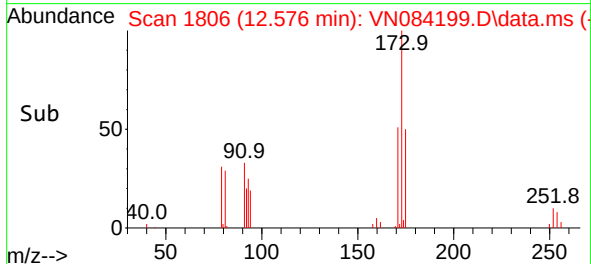
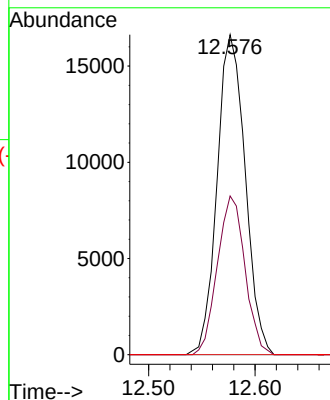
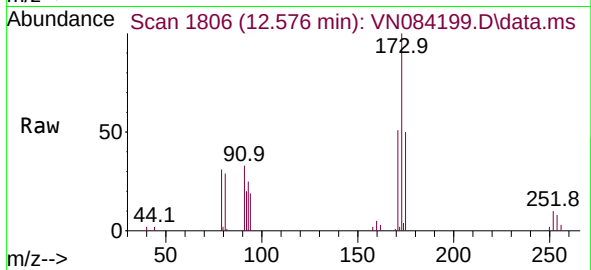
Tgt Ion:173 Resp: 30389

Ion Ratio Lower Upper

173 100

175 48.7 24.1 72.2

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. 0.006 min

Lab File: VN084199.D

Acq: 27 Sep 2024 13:30

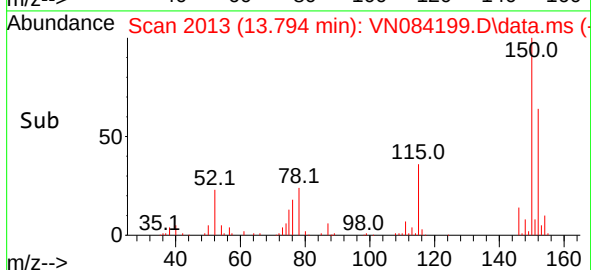
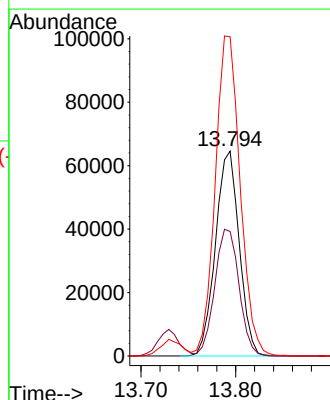
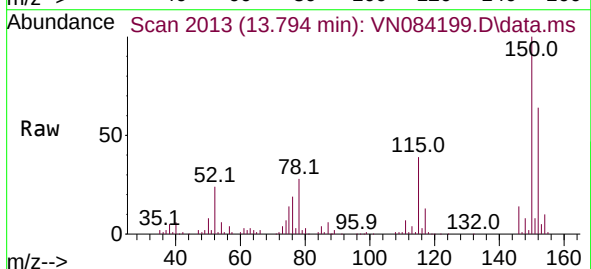
Tgt Ion:152 Resp: 112369

Ion Ratio Lower Upper

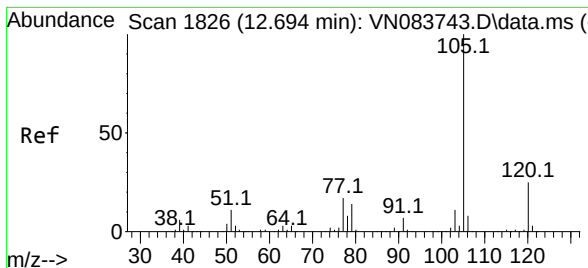
152 100

115 63.2 32.2 96.6

150 164.5 0.0 348.6







#73

Isopropylbenzene

Concen: 21.445 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN084199.D

Acq: 27 Sep 2024 13:30

Instrument :

MSVOA\_N

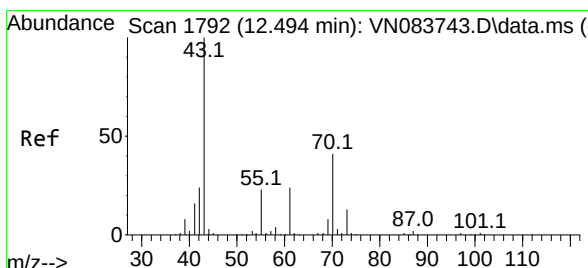
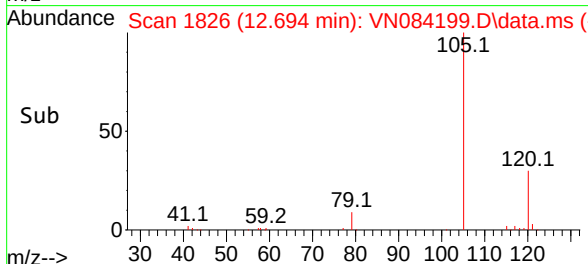
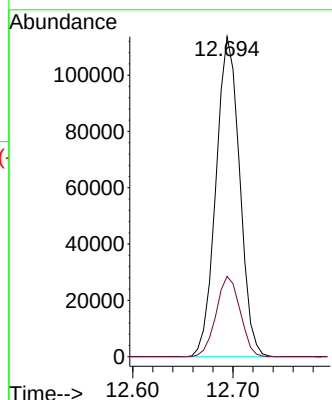
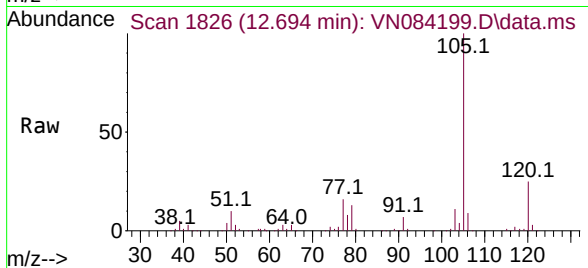
ClientSampleId :

Tgt Ion:105 Resp: 186430

Ion Ratio Lower Upper

105 100

120 25.4 12.6 37.8



#74

N-ethyl acetate

Concen: 22.130 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN084199.D

Acq: 27 Sep 2024 13:30

Tgt Ion: 43 Resp: 82082

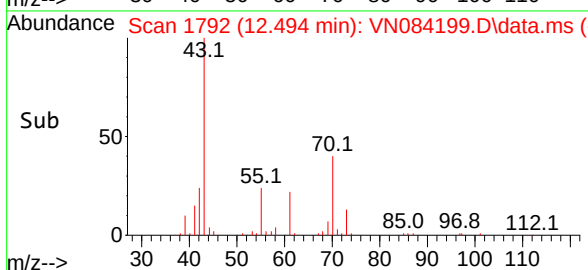
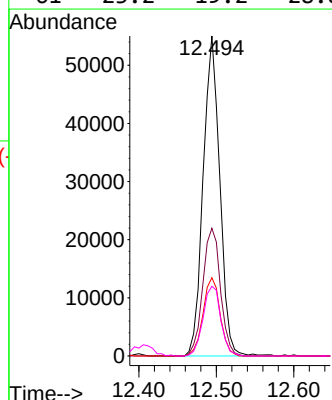
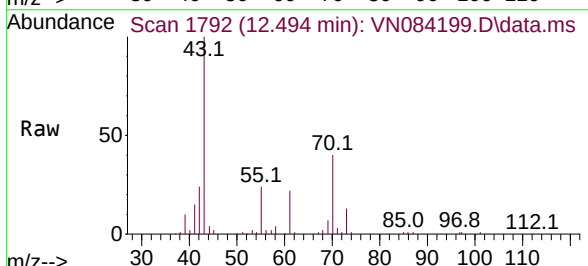
Ion Ratio Lower Upper

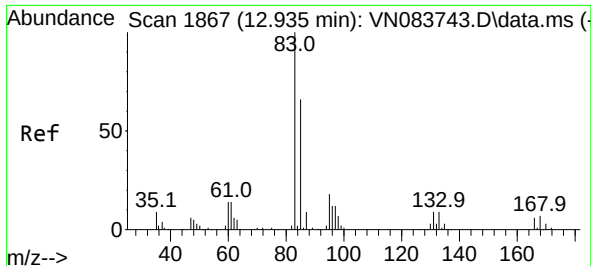
43 100

70 42.3 34.5 51.7

55 25.1 18.6 28.0

61 23.2 19.2 28.8

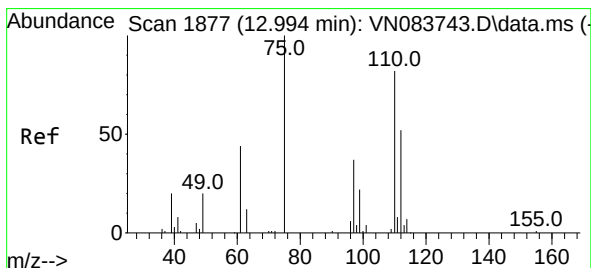
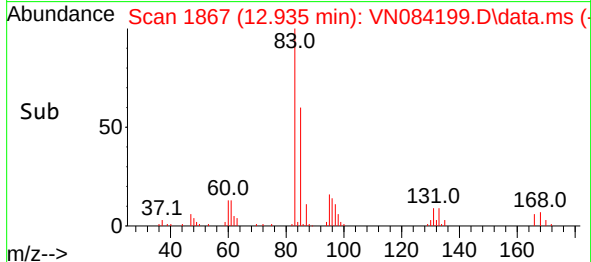
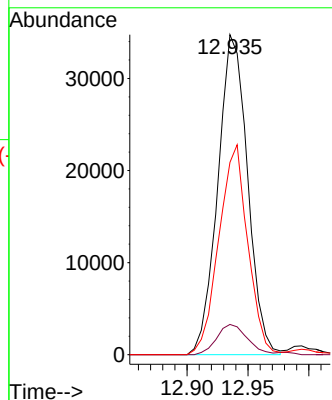
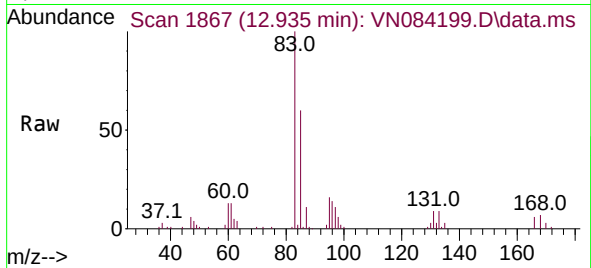




#75  
1,1,2,2-Tetrachloroethane  
Concen: 23.124 ug/l  
RT: 12.935 min Scan# 1867  
Delta R.T. 0.000 min  
Lab File: VN084199.D  
Acq: 27 Sep 2024 13:30

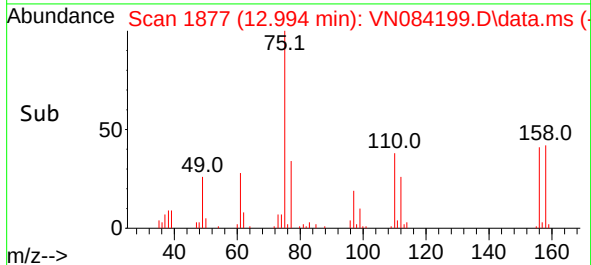
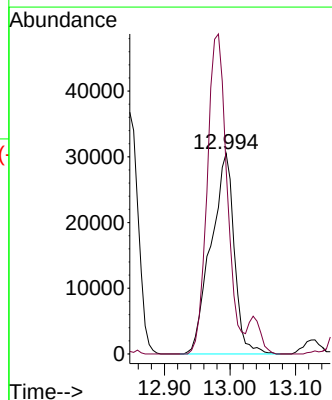
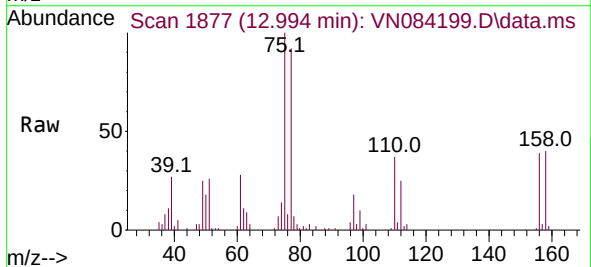
Instrument :  
MSVOA\_N  
ClientSampleId :

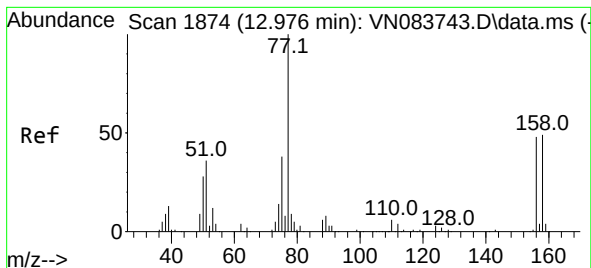
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 83    | Resp: | 59066 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 10.1  | 5.2   | 15.6  |
| 85        | 63.7  | 31.9  | 95.9  |



#76  
1,2,3-Trichloropropane  
Concen: 33.170 ug/l  
RT: 12.994 min Scan# 1877  
Delta R.T. 0.000 min  
Lab File: VN084199.D  
Acq: 27 Sep 2024 13:30

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 75208 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 136.3 | 95.2  | 285.6 |





#77

Bromobenzene

Concen: 21.062 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VN084199.D

Acq: 27 Sep 2024 13:30

Instrument :

MSVOA\_N

ClientSampleId :

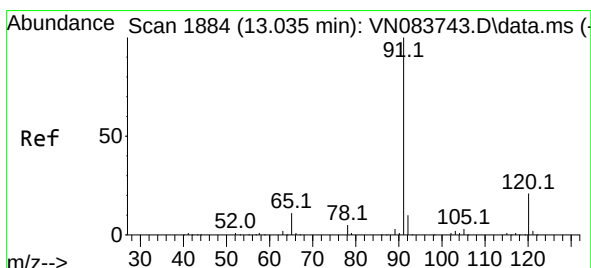
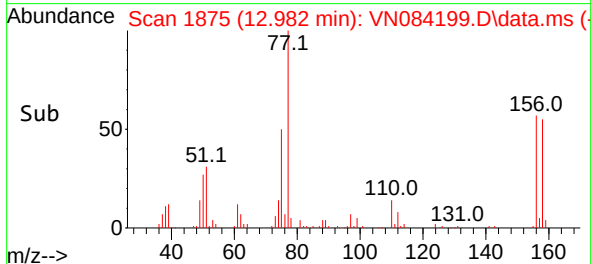
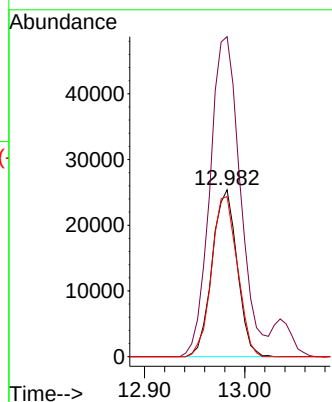
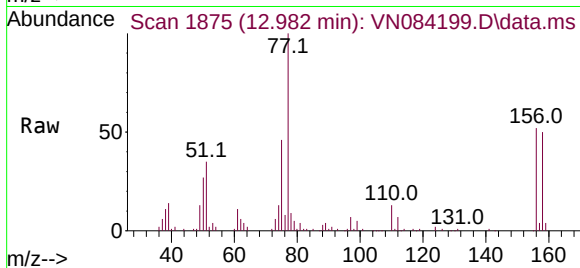
Tgt Ion:156 Resp: 44076

Ion Ratio Lower Upper

156 100

77 232.5 114.3 343.1

158 98.7 48.9 146.7



#78

n-propylbenzene

Concen: 21.766 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN084199.D

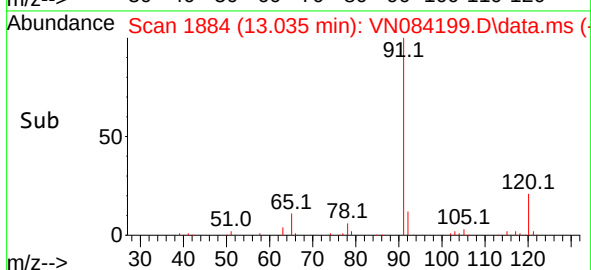
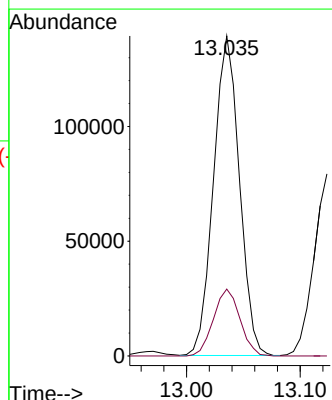
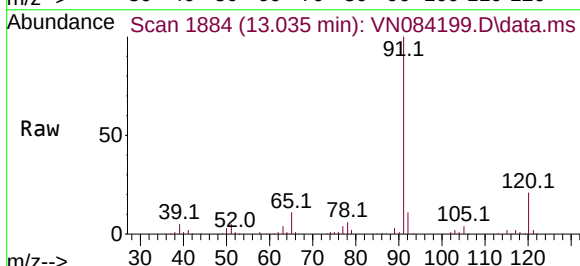
Acq: 27 Sep 2024 13:30

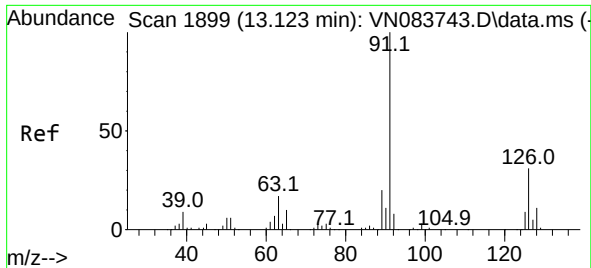
Tgt Ion: 91 Resp: 220165

Ion Ratio Lower Upper

91 100

120 21.4 11.0 33.0

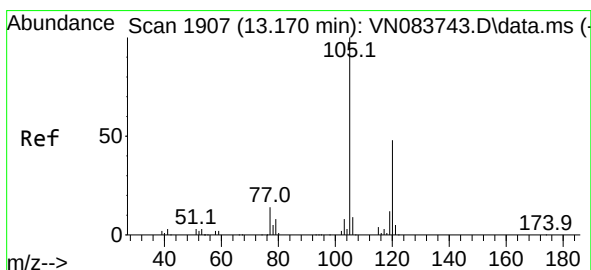
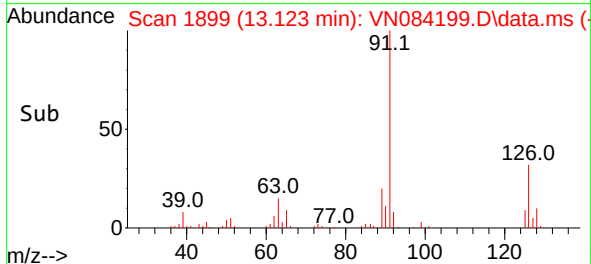
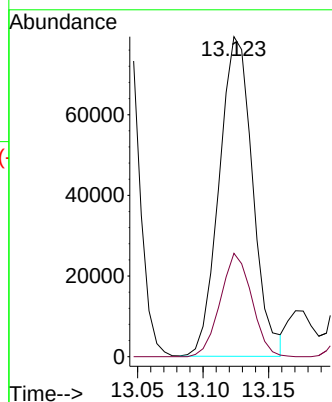
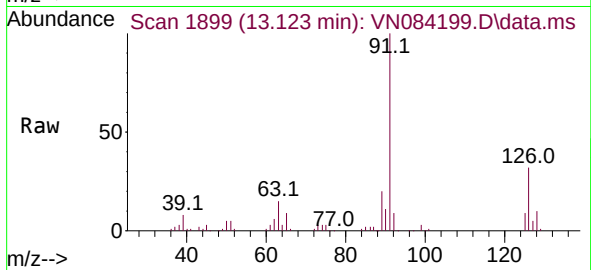




#79  
2-Chlorotoluene  
Concen: 21.840 ug/l  
RT: 13.123 min Scan# 1899  
Delta R.T. 0.000 min  
Lab File: VN084199.D  
Acq: 27 Sep 2024 13:30

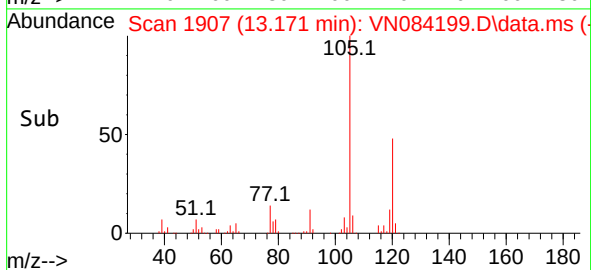
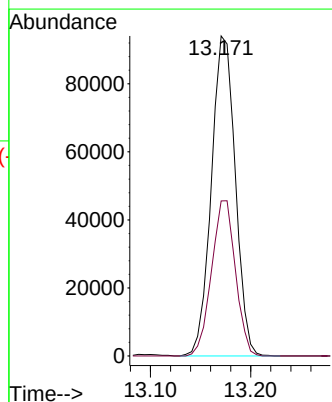
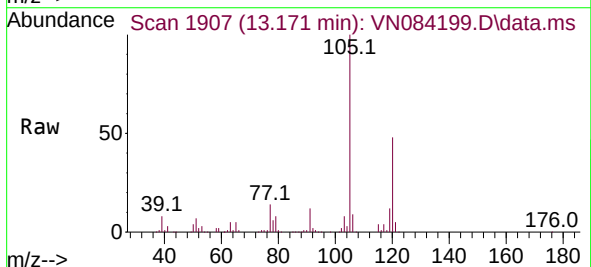
Instrument :  
MSVOA\_N  
ClientSampleId :

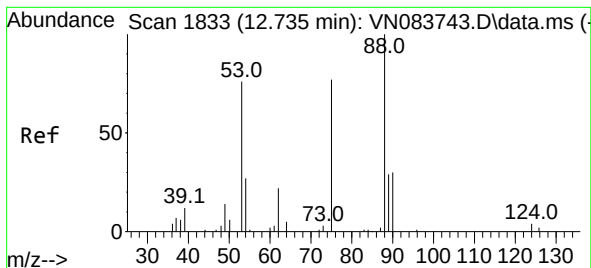
Tgt Ion: 91 Resp: 140885  
Ion Ratio Lower Upper  
91 100  
126 30.3 15.4 46.2



#80  
1,3,5-Trimethylbenzene  
Concen: 21.322 ug/l  
RT: 13.171 min Scan# 1907  
Delta R.T. 0.000 min  
Lab File: VN084199.D  
Acq: 27 Sep 2024 13:30

Tgt Ion:105 Resp: 156277  
Ion Ratio Lower Upper  
105 100  
120 48.4 23.4 70.3

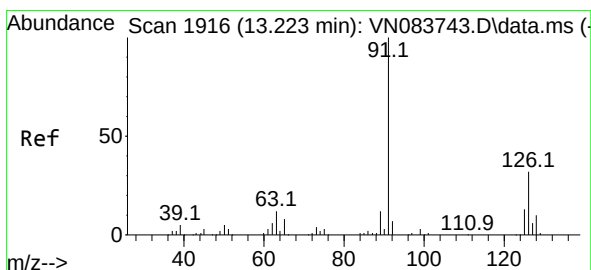
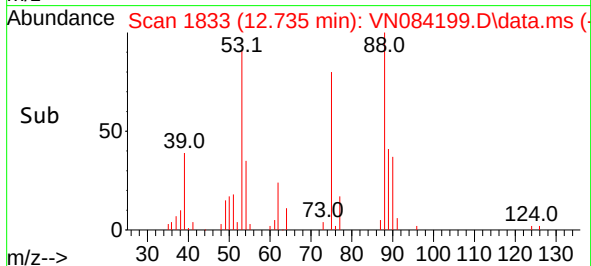
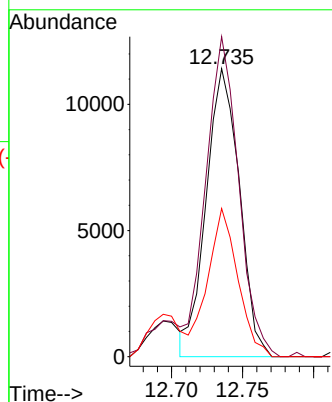
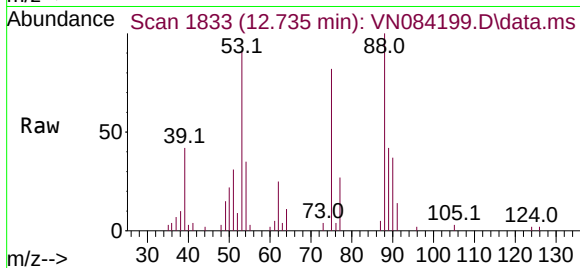




#81  
trans-1,4-Dichloro-2-butene  
Concen: 21.428 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. 0.000 min  
Lab File: VN084199.D  
Acq: 27 Sep 2024 13:30

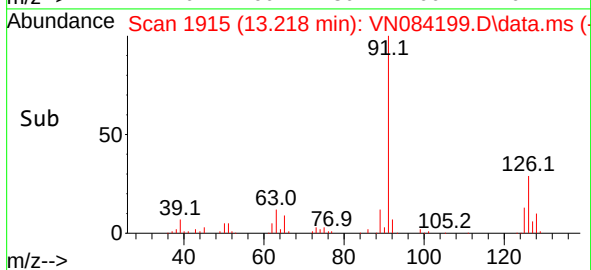
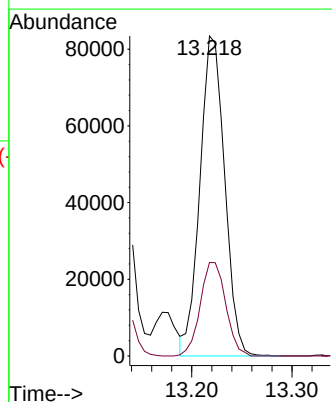
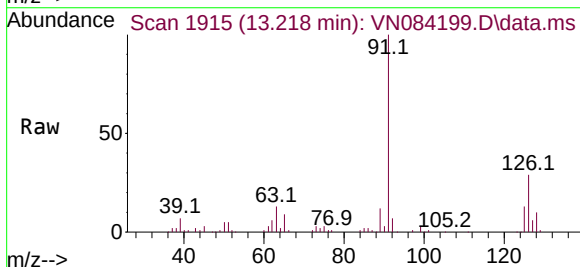
Instrument :  
MSVOA\_N  
ClientSampleId :

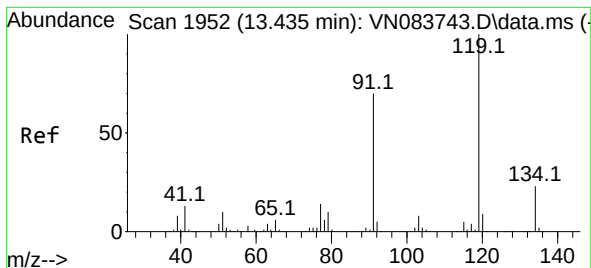
Tgt Ion: 75 Resp: 18551  
Ion Ratio Lower Upper  
75 100  
53 122.4 81.2 121.8#  
89 46.4 35.7 53.5



#82  
4-Chlorotoluene  
Concen: 22.118 ug/l  
RT: 13.218 min Scan# 1915  
Delta R.T. -0.006 min  
Lab File: VN084199.D  
Acq: 27 Sep 2024 13:30

Tgt Ion: 91 Resp: 143184  
Ion Ratio Lower Upper  
91 100  
126 30.1 15.4 46.2





#83

tert-Butylbenzene

Concen: 20.897 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VN084199.D

Acq: 27 Sep 2024 13:30

Instrument :

MSVOA\_N

ClientSampleId :

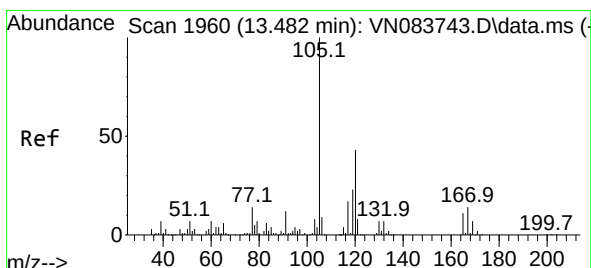
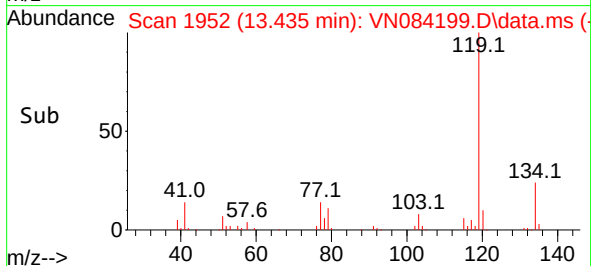
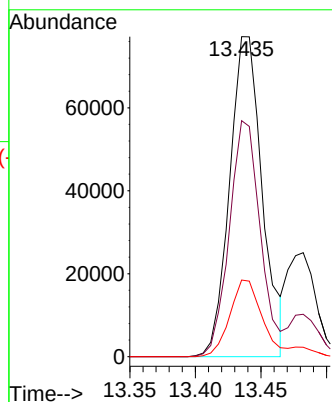
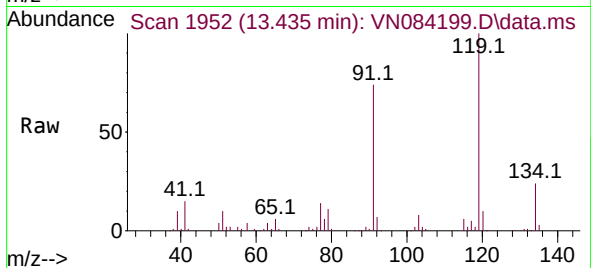
Tgt Ion:119 Resp: 134006

Ion Ratio Lower Upper

119 100

91 69.9 34.5 103.6

134 23.7 12.8 38.4



#84

1,2,4-Trimethylbenzene

Concen: 21.566 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN084199.D

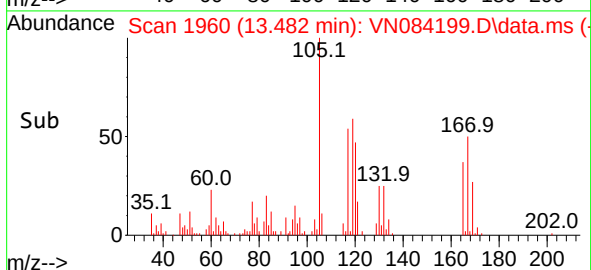
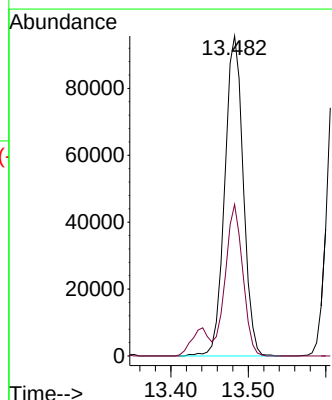
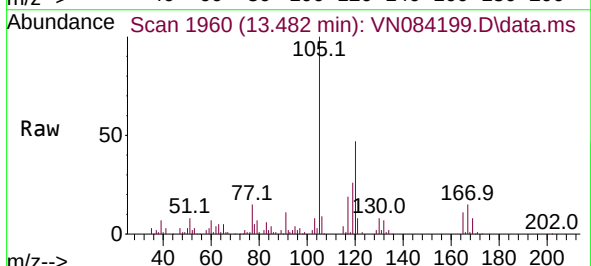
Acq: 27 Sep 2024 13:30

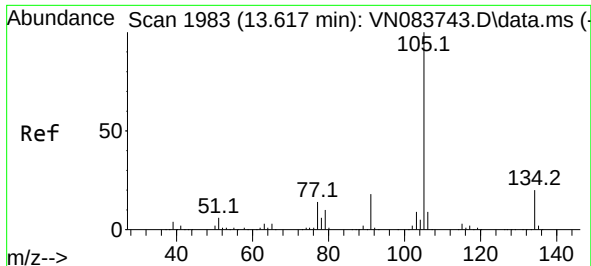
Tgt Ion:105 Resp: 158783

Ion Ratio Lower Upper

105 100

120 44.6 21.8 65.4

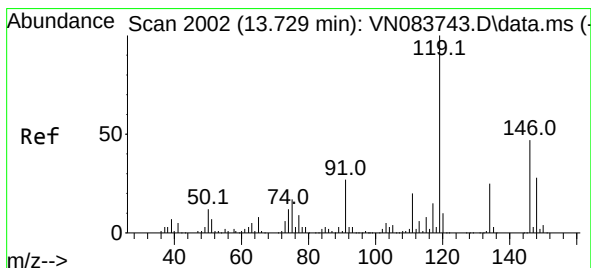
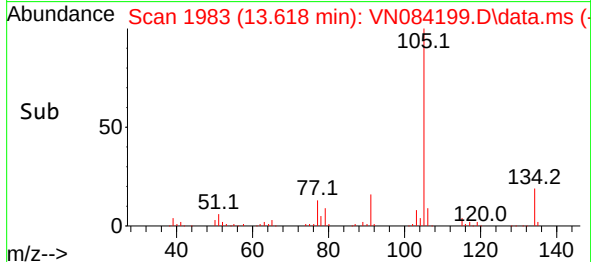
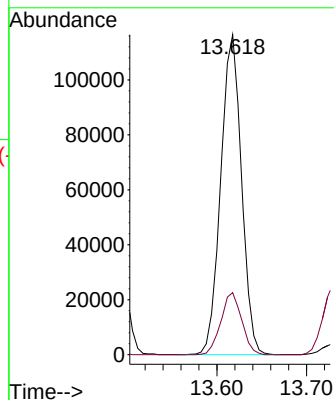
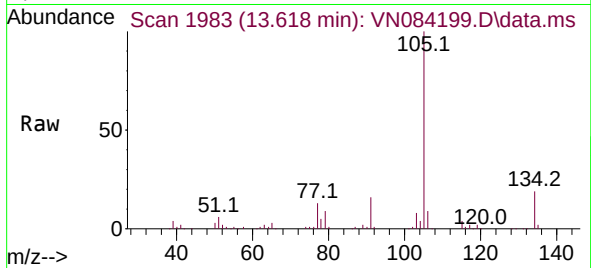




#85  
 sec-Butylbenzene  
 Concen: 21.991 ug/l  
 RT: 13.618 min Scan# 1983  
 Delta R.T. 0.000 min  
 Lab File: VN084199.D  
 Acq: 27 Sep 2024 13:30

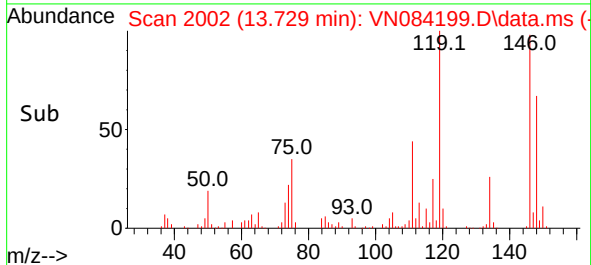
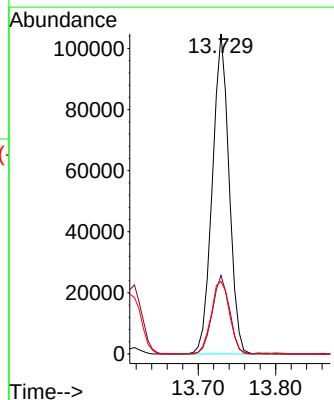
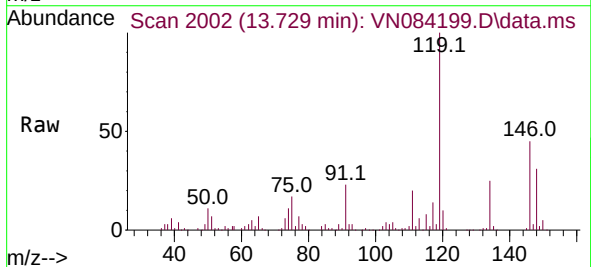
Instrument :  
 MSVOA\_N  
 ClientSampleId :

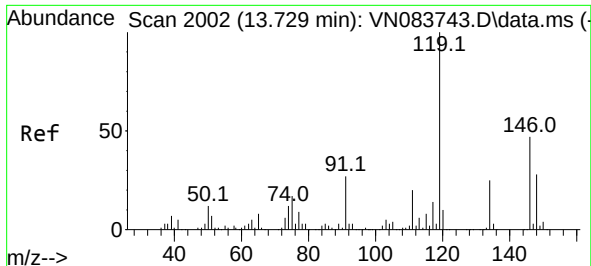
Tgt Ion:105 Resp: 187019  
 Ion Ratio Lower Upper  
 105 100  
 134 19.4 9.7 29.1



#86  
 p-Isopropyltoluene  
 Concen: 22.013 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. 0.000 min  
 Lab File: VN084199.D  
 Acq: 27 Sep 2024 13:30

Tgt Ion:119 Resp: 156932  
 Ion Ratio Lower Upper  
 119 100  
 134 25.0 12.8 38.3  
 91 25.0 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 21.198 ug/l

RT: 13.735 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VN084199.D

Acq: 27 Sep 2024 13:30

Instrument :

MSVOA\_N

ClientSampleId :

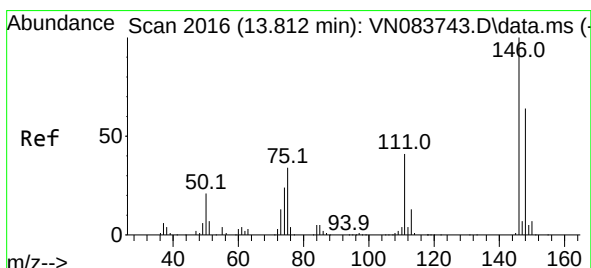
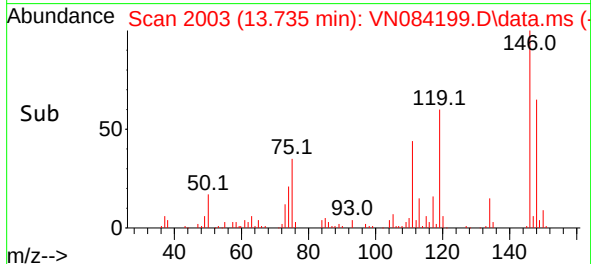
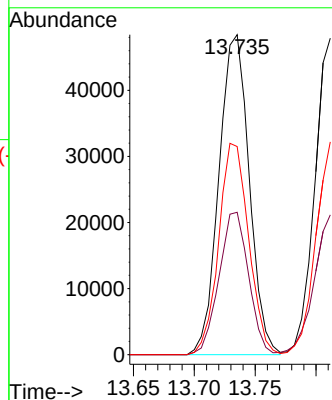
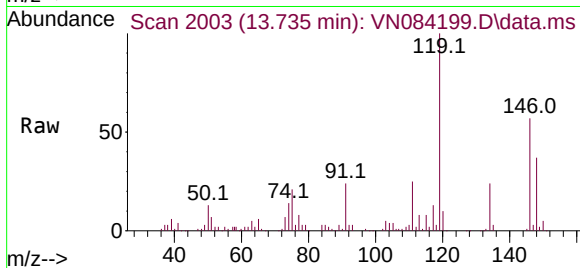
Tgt Ion:146 Resp: 83717

Ion Ratio Lower Upper

146 100

111 43.5 21.7 65.1

148 65.4 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 20.696 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN084199.D

Acq: 27 Sep 2024 13:30

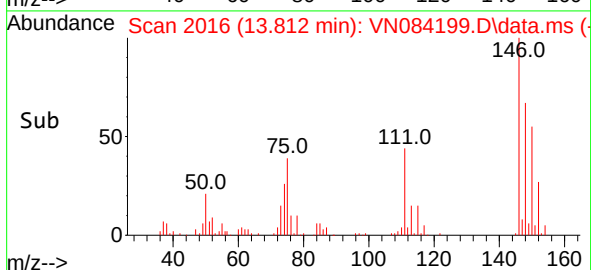
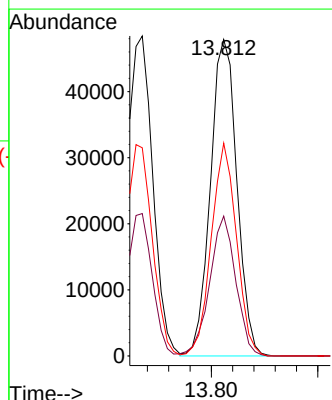
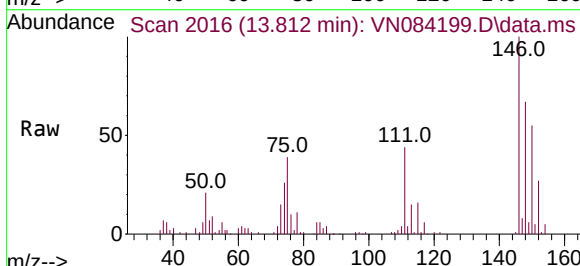
Tgt Ion:146 Resp: 82761

Ion Ratio Lower Upper

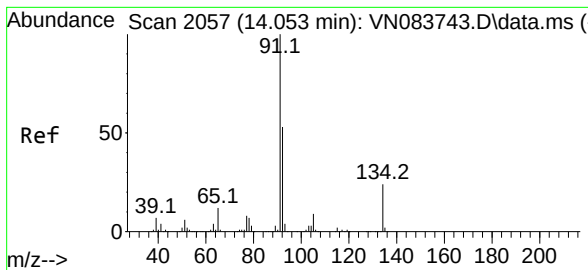
146 100

111 43.4 21.3 64.0

148 63.8 32.0 96.2







#89

n-Butylbenzene

Concen: 20.688 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN084199.D

Acq: 27 Sep 2024 13:30

Instrument :

MSVOA\_N

ClientSampleId :

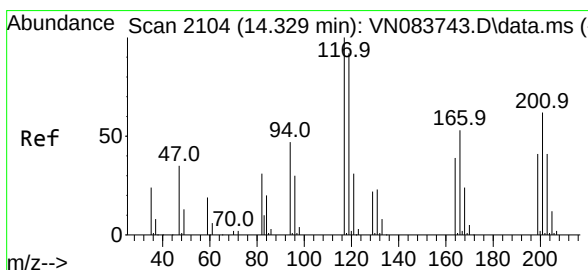
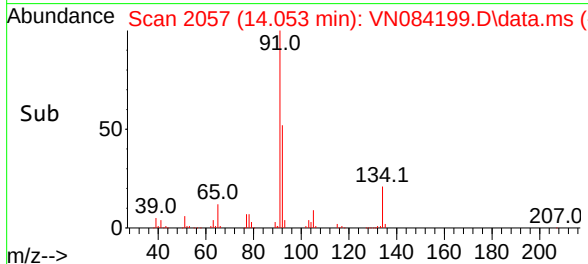
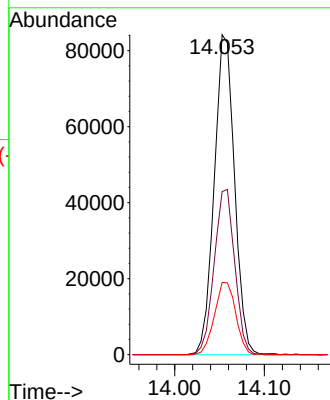
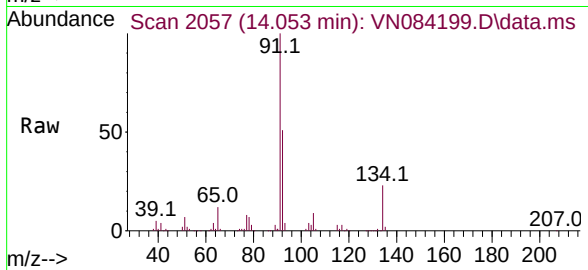
Tgt Ion: 91 Resp: 132416

Ion Ratio Lower Upper

91 100

92 52.3 26.7 80.1

134 23.7 12.2 36.4



#90

Hexachloroethane

Concen: 21.030 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. 0.000 min

Lab File: VN084199.D

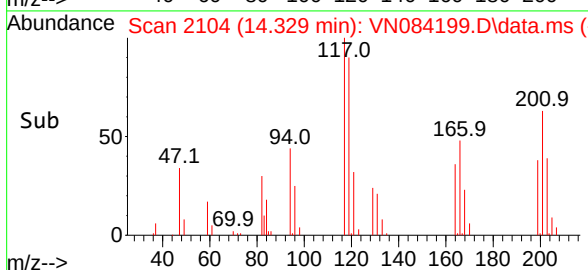
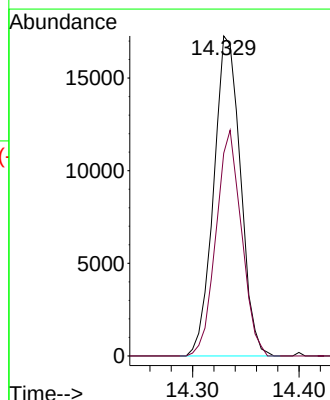
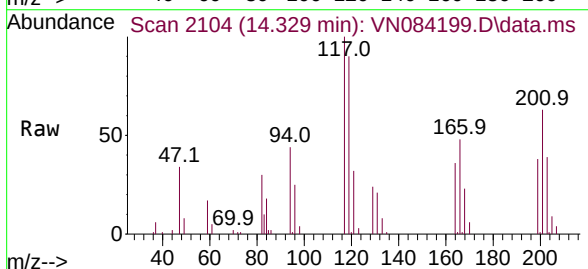
Acq: 27 Sep 2024 13:30

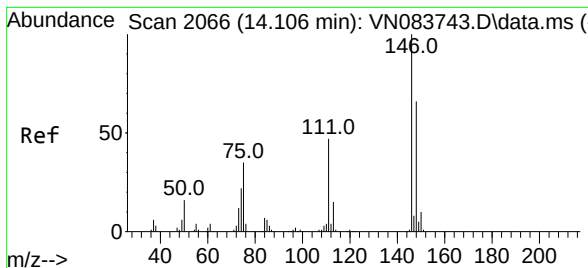
Tgt Ion: 117 Resp: 30137

Ion Ratio Lower Upper

117 100

201 67.2 32.8 98.3





#91

1,2-Dichlorobenzene

Concen: 21.325 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN084199.D

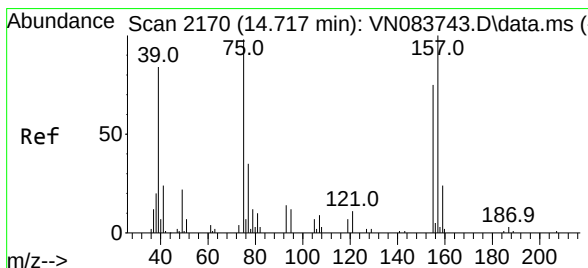
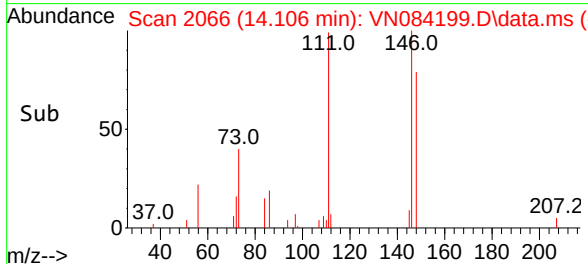
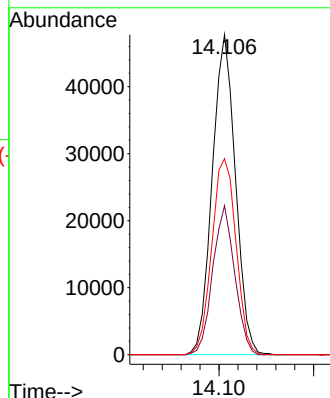
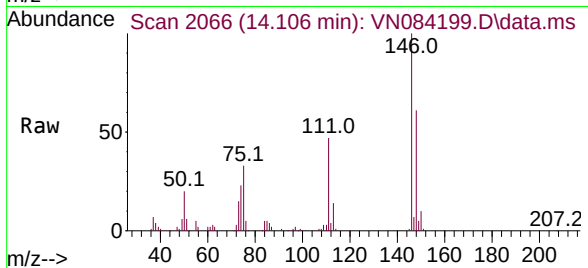
Acq: 27 Sep 2024 13:30

Instrument :

MSVOA\_N

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 81281 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 44.1  | 22.8  | 68.3  |
| 148      | 64.0  | 32.1  | 96.5  |



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.200 ug/l

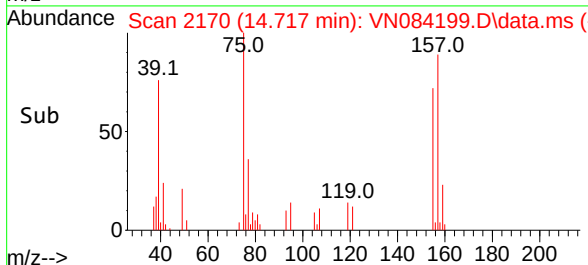
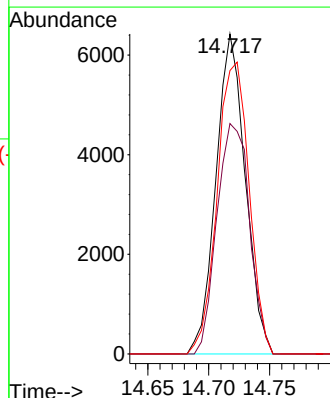
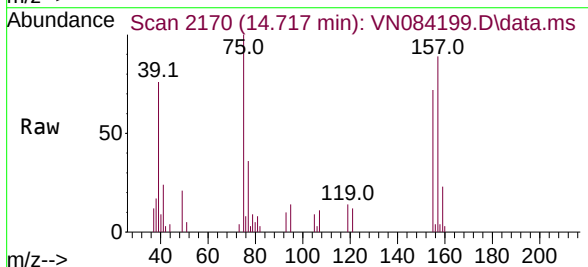
RT: 14.717 min Scan# 2170

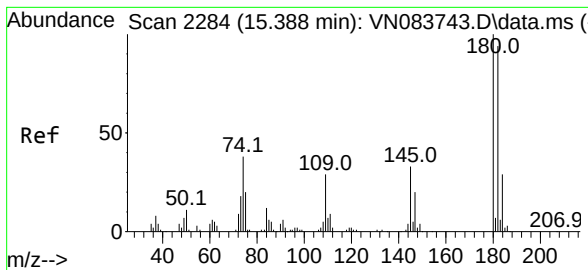
Delta R.T. 0.000 min

Lab File: VN084199.D

Acq: 27 Sep 2024 13:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 10795 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 155      | 79.9  | 35.9  | 107.7 |
| 157      | 98.8  | 47.5  | 142.5 |





#93

1,2,4-Trichlorobenzene

Concen: 19.798 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN084199.D

Acq: 27 Sep 2024 13:30

Instrument :

MSVOA\_N

ClientSampleId :

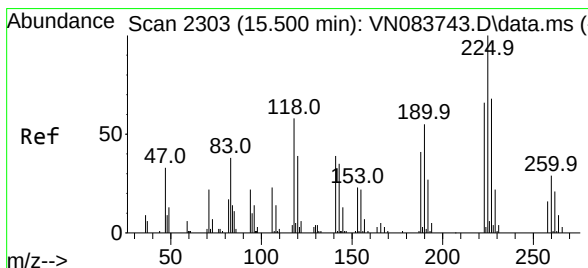
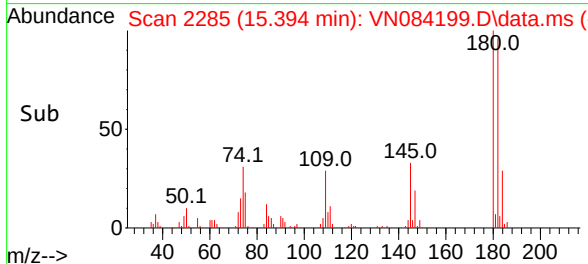
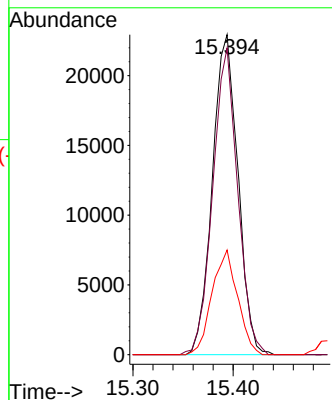
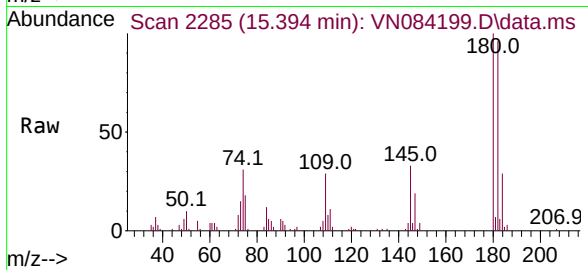
Tgt Ion:180 Resp: 40494

Ion Ratio Lower Upper

180 100

182 93.7 48.1 144.3

145 32.8 16.9 50.7



#94

Hexachlorobutadiene

Concen: 20.426 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN084199.D

Acq: 27 Sep 2024 13:30

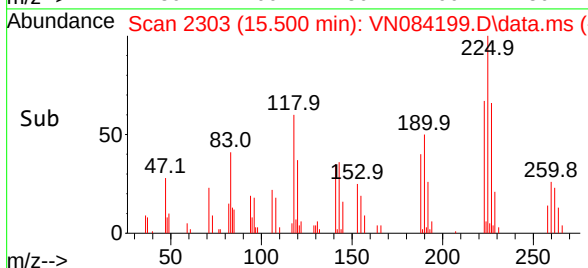
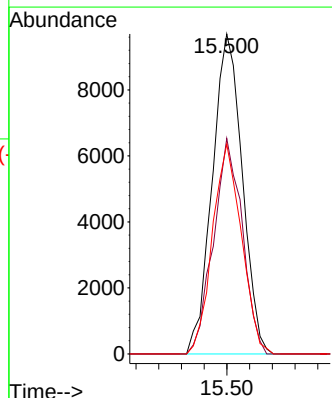
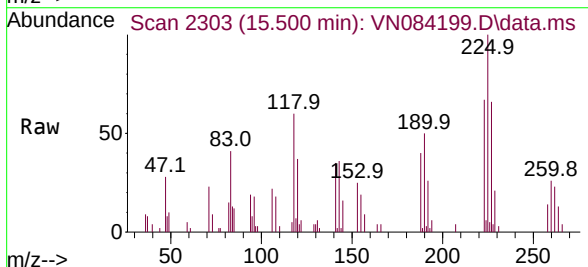
Tgt Ion:225 Resp: 17742

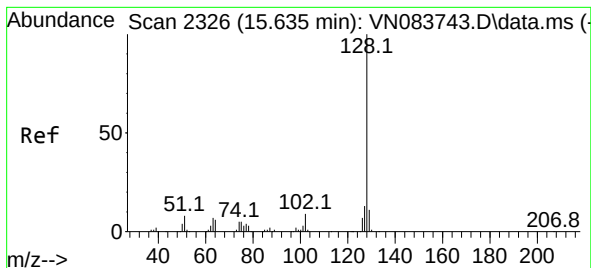
Ion Ratio Lower Upper

225 100

223 64.8 31.9 95.5

227 63.6 32.0 96.2





#95

Naphthalene

Concen: 19.324 ug/l

RT: 15.641 min Scan# 2326

Delta R.T. 0.006 min

Lab File: VN084199.D

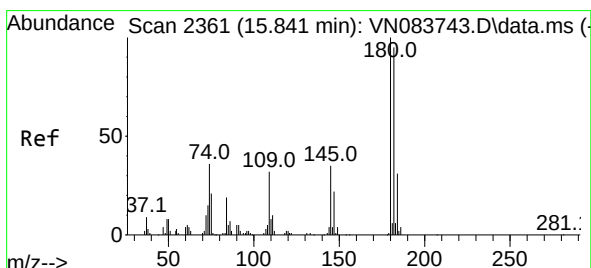
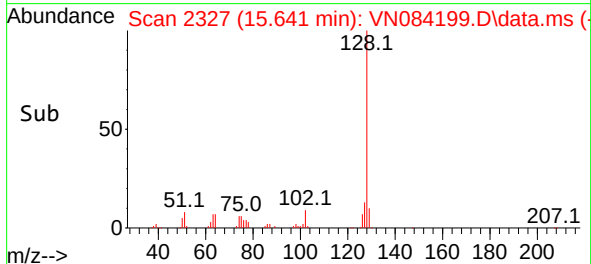
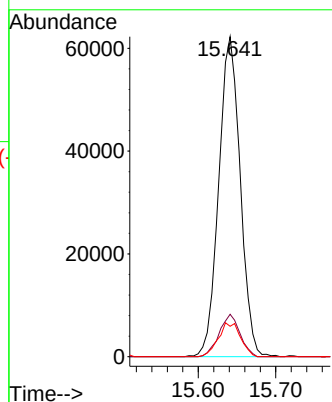
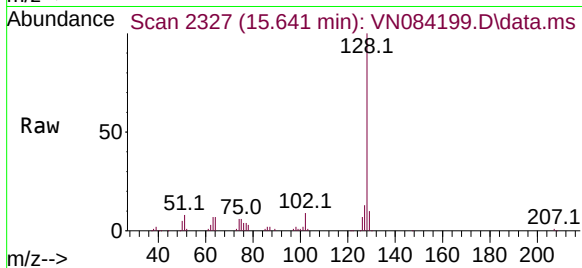
Acq: 27 Sep 2024 13:30

Instrument :

MSVOA\_N

ClientSampleId :

|             |                |
|-------------|----------------|
| Tgt Ion:128 | Resp: 120244   |
| Ion Ratio   | Lower Upper    |
| 128         | 100            |
| 127         | 12.8 10.2 15.2 |
| 129         | 11.0 8.7 13.1  |



#96

1,2,3-Trichlorobenzene

Concen: 19.839 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN084199.D

Acq: 27 Sep 2024 13:30

|             |                 |
|-------------|-----------------|
| Tgt Ion:180 | Resp: 38779     |
| Ion Ratio   | Lower Upper     |
| 180         | 100             |
| 182         | 97.2 47.1 141.4 |
| 145         | 36.1 17.8 53.5  |

