

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN101024\  
 Data File : VN084383.D  
 Acq On : 10 Oct 2024 12:39  
 Operator : JC\MD  
 Sample : P4368-07 0.2PPB  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Oct 11 05:27:18 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N093024W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Oct 11 05:25:25 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.224  | 168  | 156127   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.100  | 114  | 280934   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 244426   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 100875   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.582  | 65    | 124517   | 53.790   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 107.580% |      |
| 35) Dibromofluoromethane    | 8.171  | 113   | 99315    | 53.623   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 107.240% |      |
| 50) Toluene-d8              | 10.565 | 98    | 336487   | 49.381   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 98.760%  |      |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 109306   | 44.032   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | = 88.060%  |      |

|                              |       |     |      |        |        |    |
|------------------------------|-------|-----|------|--------|--------|----|
| Target Compounds             |       |     |      | Qvalue |        |    |
| 2) Dichlorodifluoromethane   | 2.124 | 85  | 376  | 0.204  | ug/l # | 39 |
| 3) Chloromethane             | 2.359 | 50  | 640  | 0.304  | ug/l   | 91 |
| 4) Vinyl Chloride            | 2.512 | 62  | 585  | 0.286  | ug/l # | 59 |
| 5) Bromomethane              | 2.983 | 94  | 706  | 0.524  | ug/l # | 68 |
| 6) Chloroethane              | 3.112 | 64  | 216  | 0.148  | ug/l # | 45 |
| 7) Trichlorofluoromethane    | 3.495 | 101 | 559  | 0.176  | ug/l   | 87 |
| 8) Diethyl Ether             | 3.959 | 74  | 63   | 0.053  | ug/l # | 2  |
| 9) 1,1,2-Trichlorotrifluo... | 4.377 | 101 | 150  | 0.082  | ug/l # | 71 |
| 10) Methyl Iodide            | 4.594 | 142 | 548  | 0.233  | ug/l # | 40 |
| 11) Tert butyl alcohol       | 5.506 | 59  | 272  | 0.713  | ug/l # | 73 |
| 12) 1,1-Dichloroethene       | 4.336 | 96  | 123  | 0.070  | ug/l # | 66 |
| 13) Acrolein                 | 4.177 | 56  | 170  | 0.388  | ug/l # | 14 |
| 14) Allyl chloride           | 5.024 | 41  | 339  | 0.111  | ug/l # | 36 |
| 15) Acrylonitrile            | 5.730 | 53  | 763  | 0.792  | ug/l # | 64 |
| 16) Acetone                  | 4.436 | 43  | 1380 | 1.388  | ug/l # | 44 |
| 17) Carbon Disulfide         | 4.706 | 76  | 1478 | 0.266  | ug/l # | 75 |
| 18) Methyl Acetate           | 5.024 | 43  | 674  | 0.311  | ug/l # | 51 |
| 19) Methyl tert-butyl Ether  | 5.800 | 73  | 728  | 0.123  | ug/l # | 54 |
| 20) Methylene Chloride       | 5.271 | 84  | 498  | 0.246  | ug/l # | 43 |
| 21) trans-1,2-Dichloroethene | 5.789 | 96  | 157  | 0.085  | ug/l # | 1  |
| 22) Diisopropyl ether        | 6.677 | 45  | 876  | 0.139  | ug/l # | 68 |
| 23) Vinyl Acetate            | 6.606 | 43  | 4057 | 0.866  | ug/l # | 72 |
| 24) 1,1-Dichloroethane       | 6.559 | 63  | 533  | 0.151  | ug/l # | 83 |
| 25) 2-Butanone               | 7.482 | 43  | 1588 | 1.172  | ug/l # | 48 |
| 26) 2,2-Dichloropropane      | 7.477 | 77  | 218  | 0.068  | ug/l # | 54 |
| 27) cis-1,2-Dichloroethene   | 7.488 | 96  | 369  | 0.166  | ug/l   | 80 |
| 28) Bromochloromethane       | 7.800 | 49  | 62   | 0.039  | ug/l # | 64 |
| 29) Tetrahydrofuran          | 7.859 | 42  | 449  | 0.537  | ug/l # | 86 |
| 30) Chloroform               | 7.959 | 83  | 714  | 0.195  | ug/l # | 73 |
| 31) Cyclohexane              | 8.224 | 56  | 4066 | 1.186  | ug/l # | 1  |
| 32) 1,1,1-Trichloroethane    | 8.159 | 97  | 512  | 0.155  | ug/l # | 41 |
| 36) 1,1-Dichloropropene      | 8.377 | 75  | 588  | 0.219  | ug/l # | 42 |
| 37) Ethyl Acetate            | 7.565 | 43  | 305  | 0.111  | ug/l # | 69 |
| 38) Carbon Tetrachloride     | 8.359 | 117 | 638  | 0.216  | ug/l # | 67 |
| 39) Methylcyclohexane        | 9.600 | 83  | 509  | 0.170  | ug/l # | 88 |
| 40) Benzene                  | 8.600 | 78  | 1859 | 0.222  | ug/l # | 51 |

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 Sample : P4368-07 0.2PPB  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Oct 11 05:27:18 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N093024W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Oct 11 05:25:25 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.853  | 41   | 498      | 0.332  | ug/l # | 29       |
| 42) 1,2-Dichloroethane        | 8.677  | 62   | 896      | 0.315  | ug/l # | 75       |
| 43) Isopropyl Acetate         | 8.682  | 43   | 3203     | 0.592  | ug/l # | 56       |
| 44) Trichloroethene           | 9.359  | 130  | 721      | 0.368  | ug/l   | 67       |
| 45) 1,2-Dichloropropane       | 9.624  | 63   | 291      | 0.147  | ug/l # | 44       |
| 46) Dibromomethane            | 9.712  | 93   | 81       | 0.061  | ug/l # | 20       |
| 47) Bromodichloromethane      | 9.888  | 83   | 632      | 0.213  | ug/l # | 24       |
| 48) Methyl methacrylate       | 9.682  | 41   | 349      | 0.162  | ug/l # | 25       |
| 49) 1,4-Dioxane               | 9.706  | 88   | 58       | 1.464  | ug/l # | 23       |
| 51) 4-Methyl-2-Pentanone      | 10.441 | 43   | 2540     | 0.967  | ug/l # | 86       |
| 52) Toluene                   | 10.629 | 92   | 1025     | 0.201  | ug/l   | 85       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 590      | 0.195  | ug/l # | 43       |
| 54) cis-1,3-Dichloropropene   | 10.318 | 75   | 621      | 0.191  | ug/l # | 35       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 270      | 0.147  | ug/l # | 60       |
| 56) Ethyl methacrylate        | 10.871 | 69   | 774      | 0.257  | ug/l # | 58       |
| 57) 1,3-Dichloropropane       | 11.159 | 76   | 594      | 0.181  | ug/l # | 42       |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 985      | 0.704  | ug/l   | 93       |
| 59) 2-Hexanone                | 11.194 | 43   | 1947     | 0.991  | ug/l   | 80       |
| 60) Dibromochloromethane      | 11.359 | 129  | 404      | 0.187  | ug/l # | 55       |
| 61) 1,2-Dibromoethane         | 11.470 | 107  | 368      | 0.193  | ug/l # | 76       |
| 64) Tetrachloroethene         | 11.112 | 164  | 282      | 0.166  | ug/l # | 54       |
| 65) Chlorobenzene             | 11.894 | 112  | 1255     | 0.232  | ug/l   | 89       |
| 66) 1,1,1,2-Tetrachloroethane | 11.970 | 131  | 55       | 0.029  | ug/l # | 1        |
| 67) Ethyl Benzene             | 11.970 | 91   | 1817     | 0.190  | ug/l # | 78       |
| 68) m/p-Xylenes               | 12.070 | 106  | 1291     | 0.364  | ug/l   | 87       |
| 69) o-Xylene                  | 12.400 | 106  | 448      | 0.134  | ug/l   | 43       |
| 70) Styrene                   | 12.412 | 104  | 757      | 0.133  | ug/l   | 89       |
| 71) Bromoform                 | 12.582 | 173  | 325      | 0.236  | ug/l # | 30       |
| 73) Isopropylbenzene          | 12.694 | 105  | 1359     | 0.177  | ug/l   | 88       |
| 74) N-amyl acetate            | 12.488 | 43   | 458      | 0.131  | ug/l # | 62       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 691      | 0.299  | ug/l # | 87       |
| 76) 1,2,3-Trichloropropane    | 12.847 | 75   | 56861    | 27.611 | ug/l # | 1        |
| 77) Bromobenzene              | 12.976 | 156  | 459      | 0.247  | ug/l   | 87       |
| 78) n-propylbenzene           | 13.035 | 91   | 1910     | 0.214  | ug/l   | 89       |
| 79) 2-Chlorotoluene           | 13.217 | 91   | 1472     | 0.259  | ug/l   | 77       |
| 80) 1,3,5-Trimethylbenzene    | 13.170 | 105  | 972      | 0.155  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.847 | 75   | 56861    | 66.195 | ug/l # | 11       |
| 82) 4-Chlorotoluene           | 13.217 | 91   | 1472     | 0.257  | ug/l   | 77       |
| 83) tert-Butylbenzene         | 13.435 | 119  | 1244     | 0.223  | ug/l # | 68       |
| 84) 1,2,4-Trimethylbenzene    | 13.488 | 105  | 1052     | 0.166  | ug/l   | 84       |
| 85) sec-Butylbenzene          | 13.612 | 105  | 1273     | 0.171  | ug/l   | 89       |
| 86) p-Isopropyltoluene        | 13.735 | 119  | 1060     | 0.172  | ug/l   | 87       |
| 87) 1,3-Dichlorobenzene       | 13.723 | 146  | 806      | 0.231  | ug/l   | 92       |
| 88) 1,4-Dichlorobenzene       | 13.723 | 146  | 806      | 0.229  | ug/l   | 93       |
| 89) n-Butylbenzene            | 14.047 | 91   | 1028     | 0.184  | ug/l   | 89       |
| 90) Hexachloroethane          | 14.341 | 117  | 53       | 0.042  | ug/l # | 15       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 754      | 0.221  | ug/l   | 90       |
| 93) 1,2,4-Trichlorobenzene    | 15.400 | 180  | 471      | 0.280  | ug/l # | 77       |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 374      | 0.446  | ug/l # | 18       |
| 95) Naphthalene               | 15.647 | 128  | 2528     | 0.453  | ug/l # | 87       |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 340      | 0.202  | ug/l # | 65       |

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Sample : P4368-07 0.2PPB  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 9 Sample Multiplier: 1

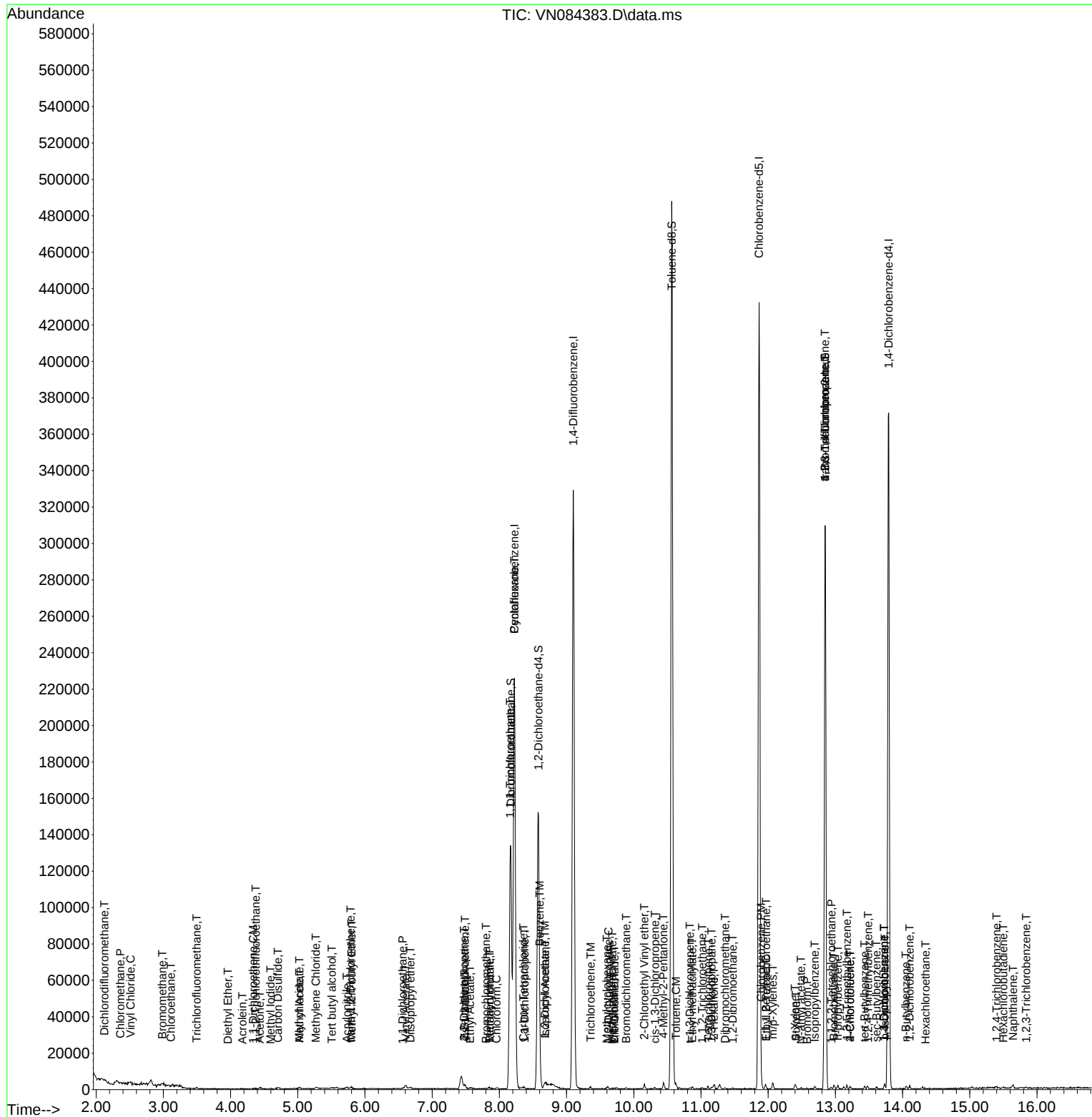
Instrument :  
MSVOA\_N  
ClientSampleId :

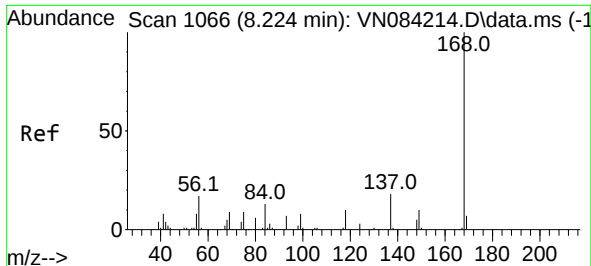
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N093024W.M  
Quant Title : SW846 8260  
QLast Update : Fri Oct 11 05:25:25 2024  
Response via : Initial Calibration

| Compound                                                                   | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                      |      |      |          |      |       |          |
| (#) = qualifier out of range (m) = manual integration (+) = signals summed |      |      |          |      |       |          |

**Instrument :**  
MSVOA\_N  
**ClientSampleId :**

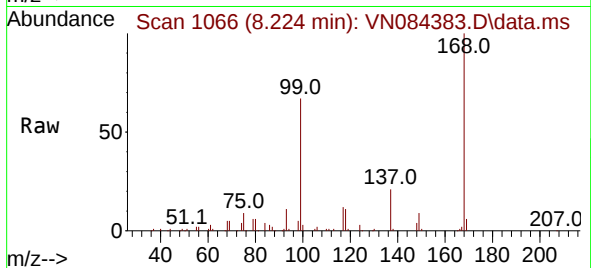
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MSVOA\_N  
**ClientSampleId :**



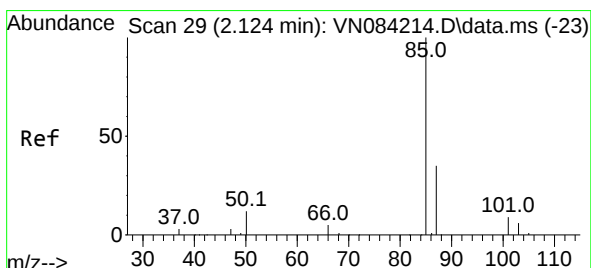
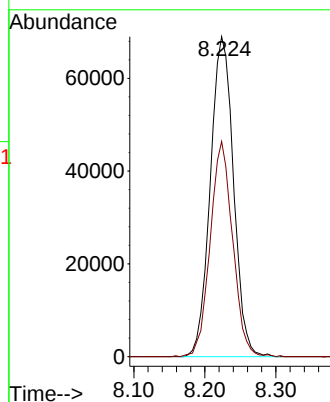
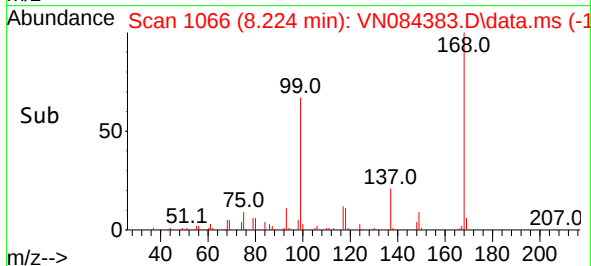


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN084383.D  
Acq: 10 Oct 2024 12:39

Instrument :  
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ClientSampleId :

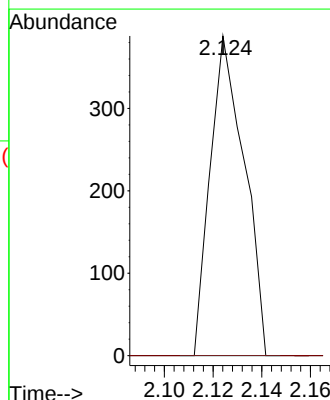
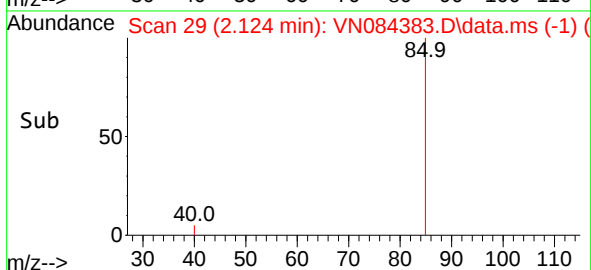
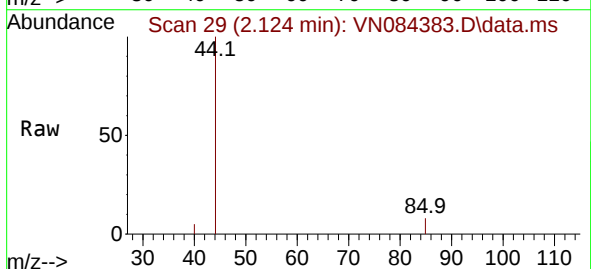


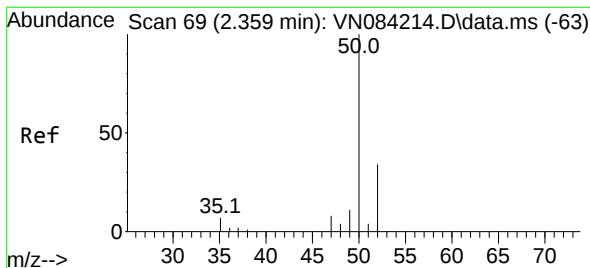
Tgt Ion:168 Resp: 156127  
Ion Ratio Lower Upper  
168 100  
99 67.2 54.2 81.2



#2  
Dichlorodifluoromethane  
Concen: 0.204 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. -0.000 min  
Lab File: VN084383.D  
Acq: 10 Oct 2024 12:39

Tgt Ion: 85 Resp: 376  
Ion Ratio Lower Upper  
85 100  
87 0.0 17.6 52.9





#3

Chloromethane

Concen: 0.304 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.000 min

Lab File: VN084383.D

Acq: 10 Oct 2024 12:39

Instrument :

MSVOA\_N

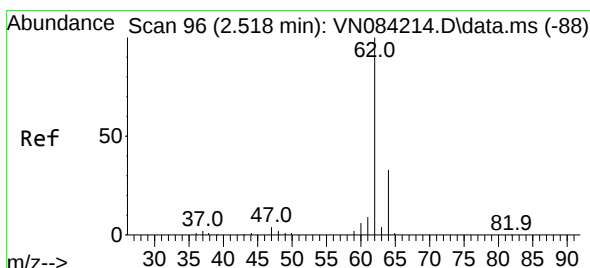
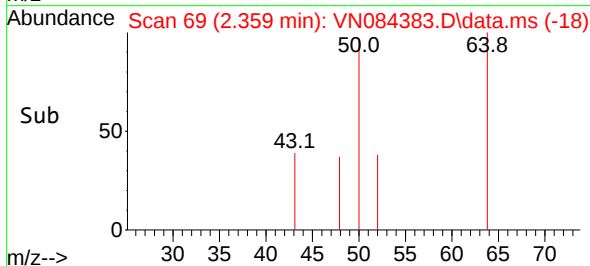
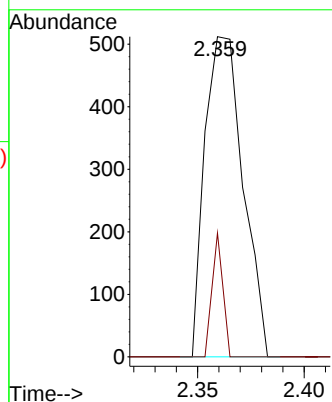
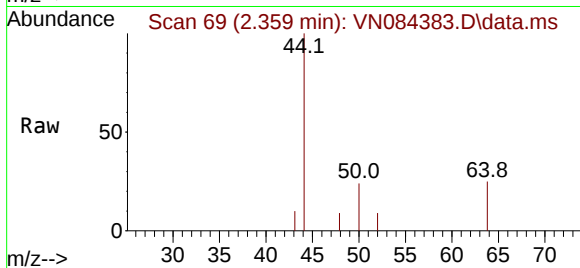
ClientSampleId :

Tgt Ion: 50 Resp: 640

Ion Ratio Lower Upper

50 100

52 38.7 26.8 40.2



#4

Vinyl Chloride

Concen: 0.286 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.006 min

Lab File: VN084383.D

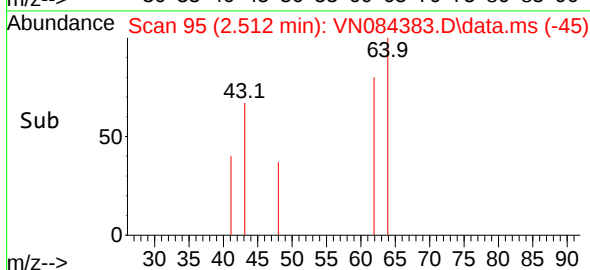
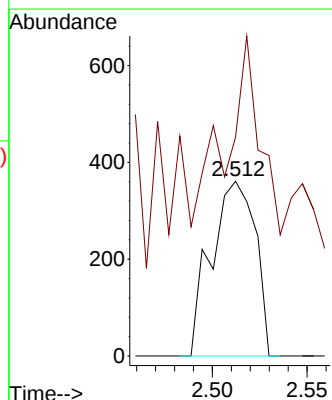
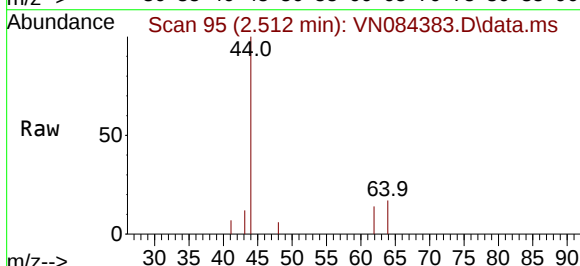
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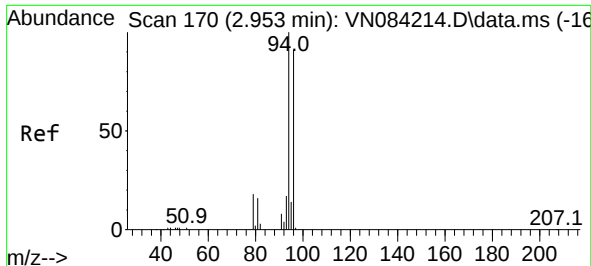
Tgt Ion: 62 Resp: 585

Ion Ratio Lower Upper

62 100

64 56.0 26.2 39.4#

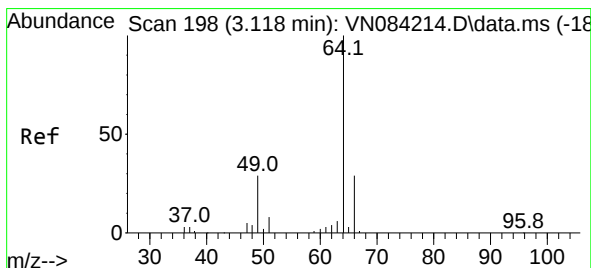
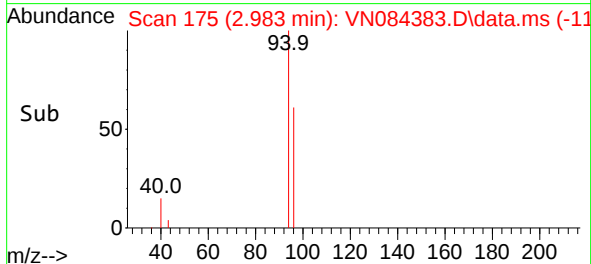
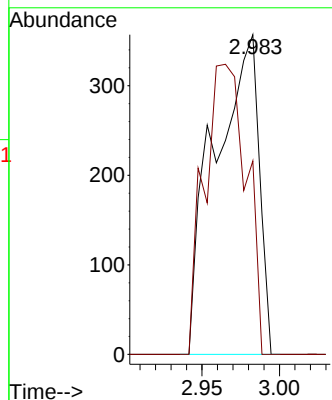
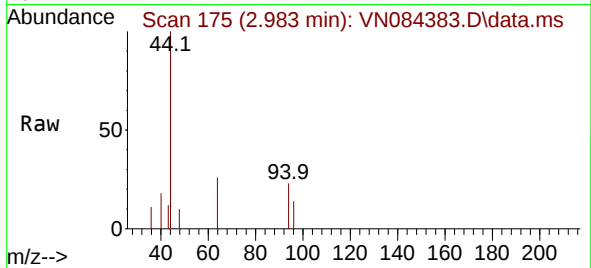




#5  
Bromomethane  
Concen: 0.524 ug/l  
RT: 2.983 min Scan# 11  
Delta R.T. 0.029 min  
Lab File: VN084383.D  
Acq: 10 Oct 2024 12:39

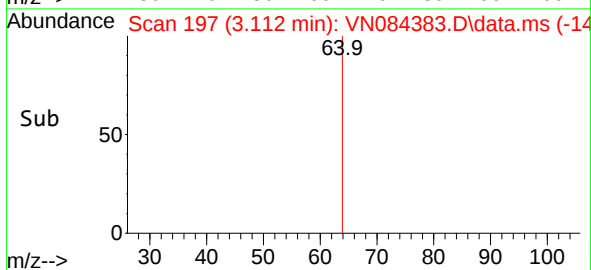
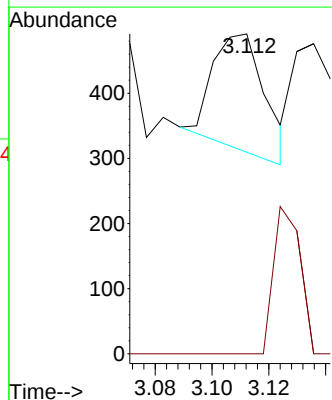
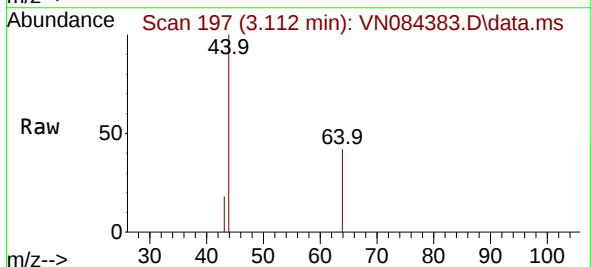
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 94 Resp: 706  
Ion Ratio Lower Upper  
94 100  
96 60.5 72.9 109.3#



#6  
Chloroethane  
Concen: 0.148 ug/l  
RT: 3.112 min Scan# 197  
Delta R.T. -0.006 min  
Lab File: VN084383.D  
Acq: 10 Oct 2024 12:39

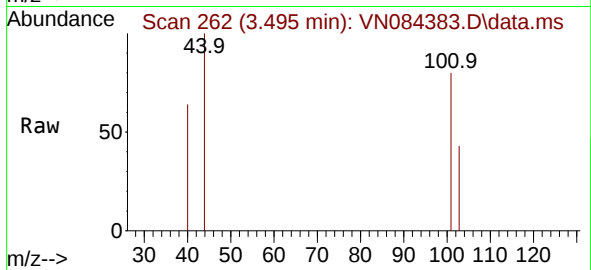
Tgt Ion: 64 Resp: 216  
Ion Ratio Lower Upper  
64 100  
66 0.0 23.5 35.3#



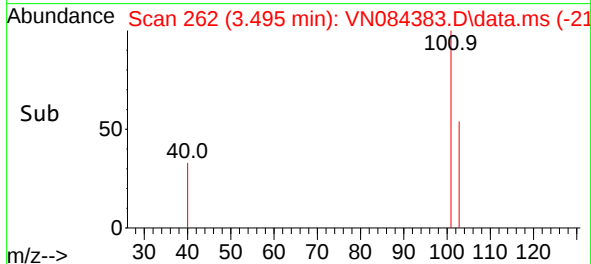
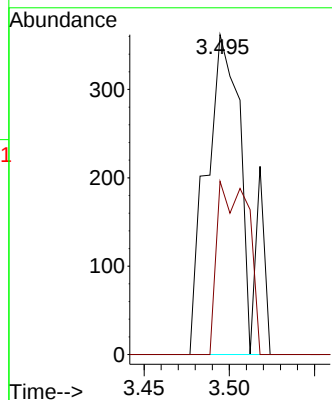


#7  
Trichlorofluoromethane  
Concen: 0.176 ug/l  
RT: 3.495 min Scan# 20  
Delta R.T. -0.000 min  
Lab File: VN084383.D  
Acq: 10 Oct 2024 12:39

Instrument :  
MSVOA\_N  
ClientSampleId :

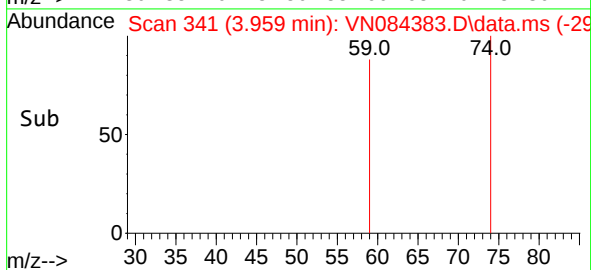
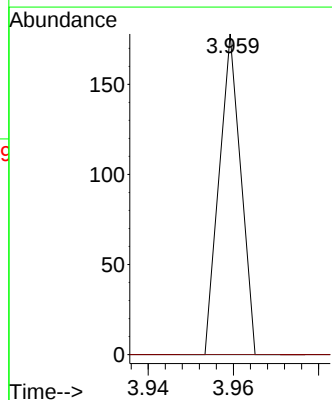
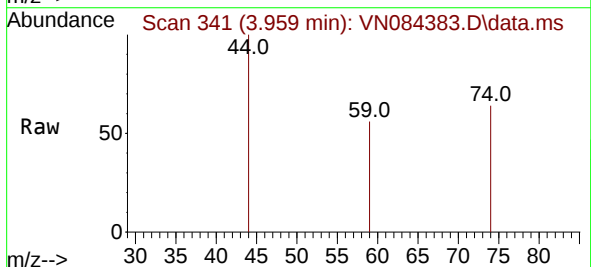


Tgt Ion:101 Resp: 559  
Ion Ratio Lower Upper  
101 100  
103 54.1 51.8 77.6



#8  
Diethyl Ether  
Concen: 0.053 ug/l  
RT: 3.959 min Scan# 341  
Delta R.T. -0.000 min  
Lab File: VN084383.D  
Acq: 10 Oct 2024 12:39

Tgt Ion: 74 Resp: 63  
Ion Ratio Lower Upper  
74 100  
45 0.0 47.7 143.1#

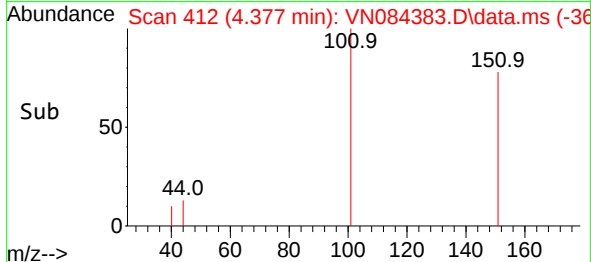
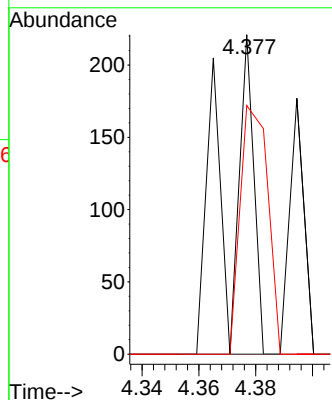
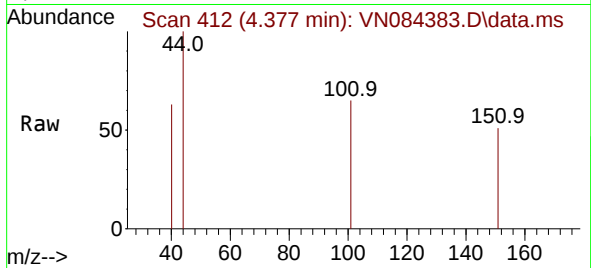




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 0.082 ug/l  
RT: 4.377 min Scan# 411  
Delta R.T. 0.006 min  
Lab File: VN084383.D  
Acq: 10 Oct 2024 12:39

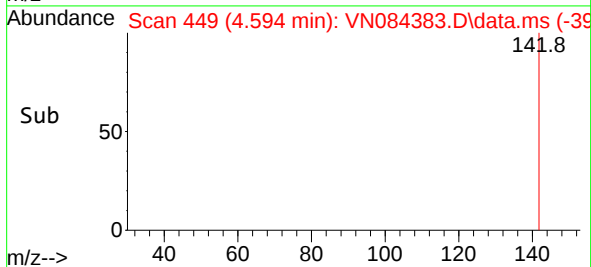
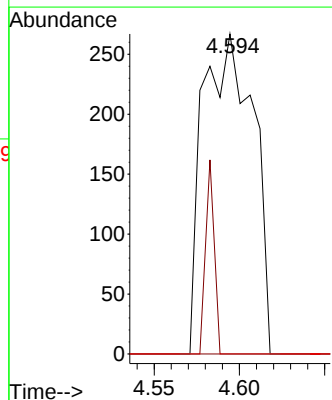
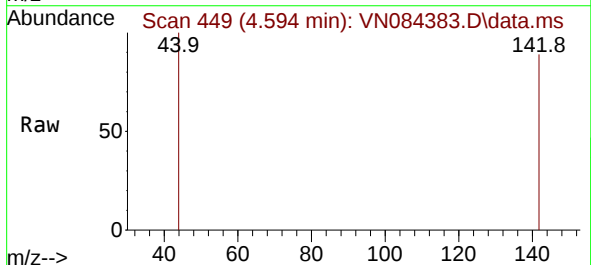
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:101 Resp: 150  
Ion Ratio Lower Upper  
101 100  
85 0.0 36.2 54.4#  
151 77.3 59.3 88.9



#10  
Methyl Iodide  
Concen: 0.233 ug/l  
RT: 4.594 min Scan# 449  
Delta R.T. -0.000 min  
Lab File: VN084383.D  
Acq: 10 Oct 2024 12:39

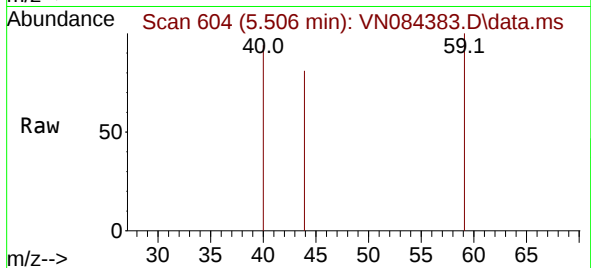
Tgt Ion:142 Resp: 548  
Ion Ratio Lower Upper  
142 100  
127 0.0 35.3 52.9#  
141 0.0 11.0 16.6#



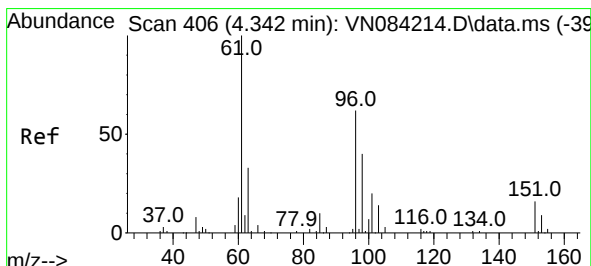
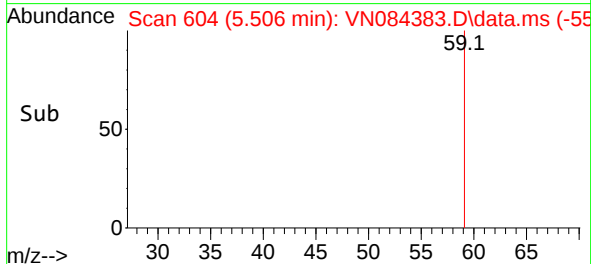
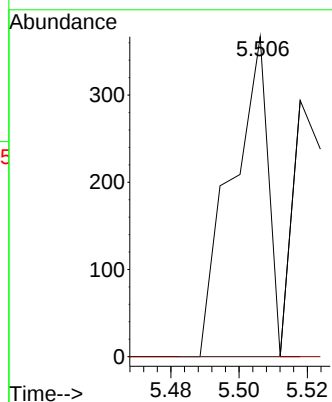


#11  
Tert butyl alcohol  
Concen: 0.713 ug/l  
RT: 5.506 min Scan# 604  
Delta R.T. -0.018 min  
Lab File: VN084383.D  
Acq: 10 Oct 2024 12:39

Instrument :  
MSVOA\_N  
ClientSampleId :

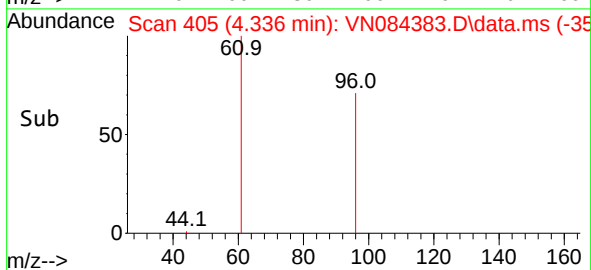
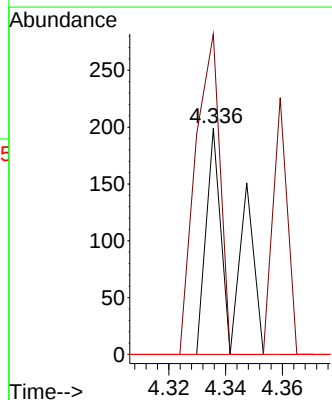
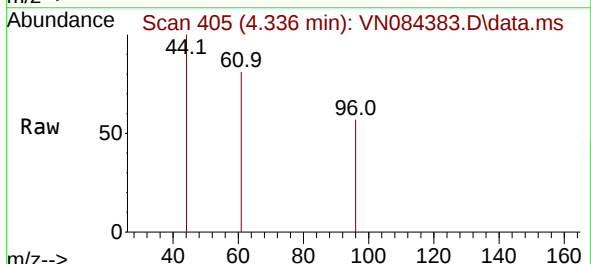


Tgt Ion: 59 Resp: 272  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.2 12.2#



#12  
1,1-Dichloroethene  
Concen: 0.070 ug/l  
RT: 4.336 min Scan# 405  
Delta R.T. -0.006 min  
Lab File: VN084383.D  
Acq: 10 Oct 2024 12:39

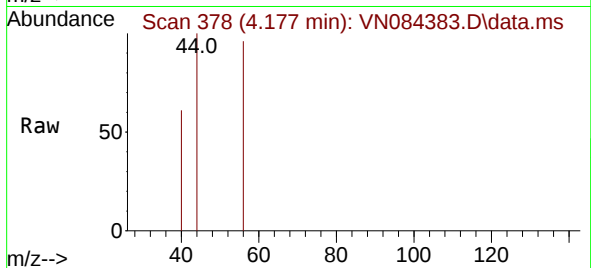
Tgt Ion: 96 Resp: 123  
Ion Ratio Lower Upper  
96 100  
61 141.7 128.6 192.8  
98 0.0 51.7 77.5#



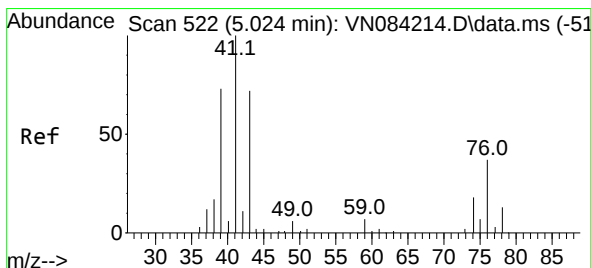
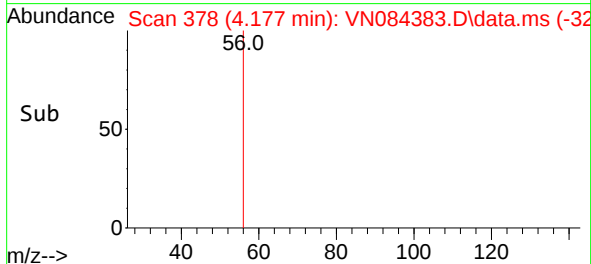
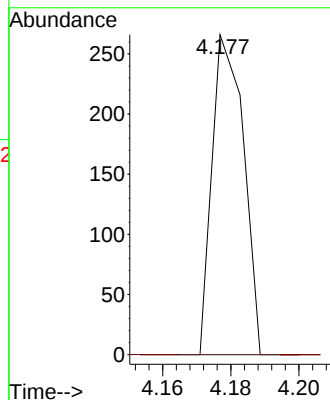


#13  
Acrolein  
Concen: 0.388 ug/l  
RT: 4.177 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN084383.D  
Acq: 10 Oct 2024 12:39

Instrument :  
MSVOA\_N  
ClientSampleId :

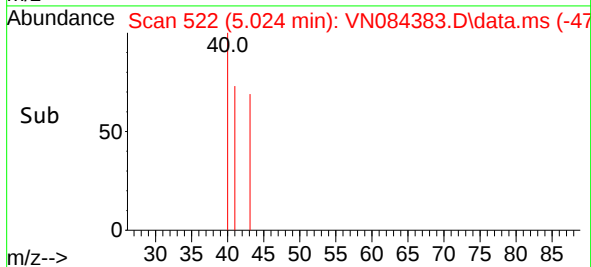
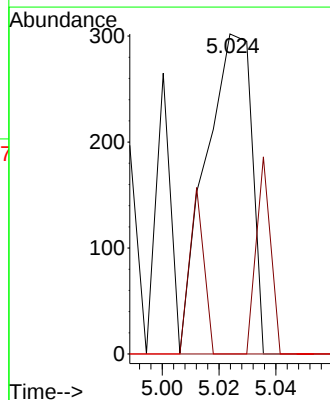
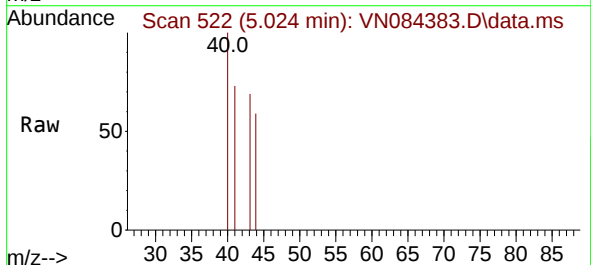


Tgt Ion: 56 Resp: 170  
Ion Ratio Lower Upper  
56 100  
55 0.0 57.2 85.8#



#14  
Allyl chloride  
Concen: 0.111 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. -0.000 min  
Lab File: VN084383.D  
Acq: 10 Oct 2024 12:39

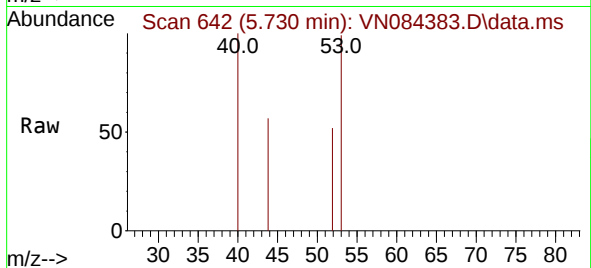
Tgt Ion: 41 Resp: 339  
Ion Ratio Lower Upper  
41 100  
39 19.5 59.0 88.6#  
76 0.0 29.8 44.6#





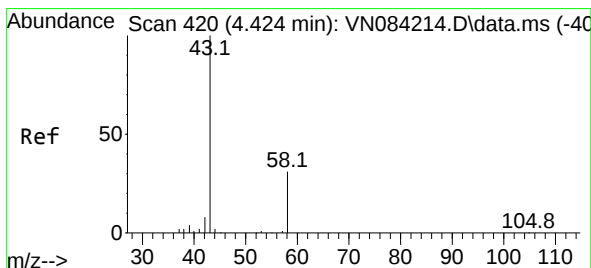
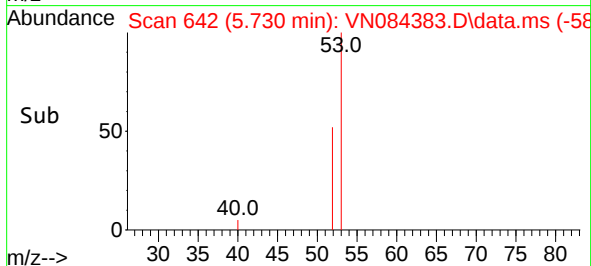
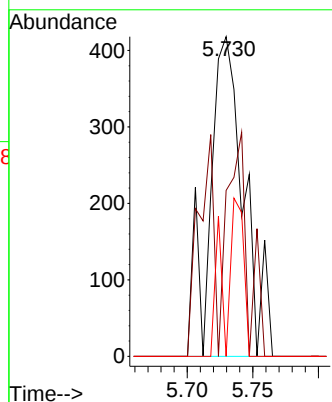
#15  
Acrylonitrile  
Concen: 0.792 ug/l  
RT: 5.730 min Scan# 642  
Delta R.T. 0.012 min  
Lab File: VN084383.D  
Acq: 10 Oct 2024 12:39

Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion: 53 Resp: 763

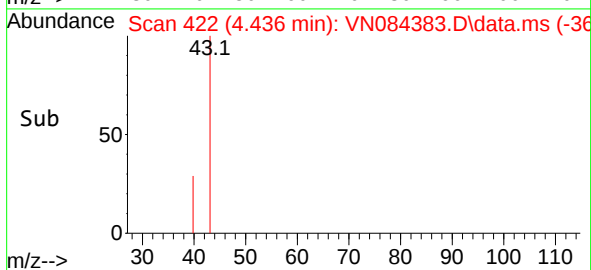
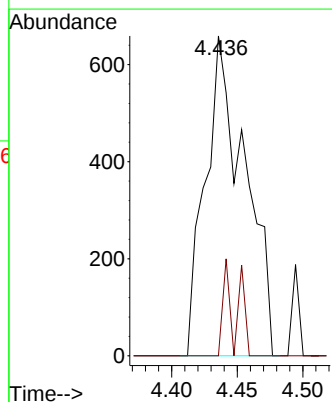
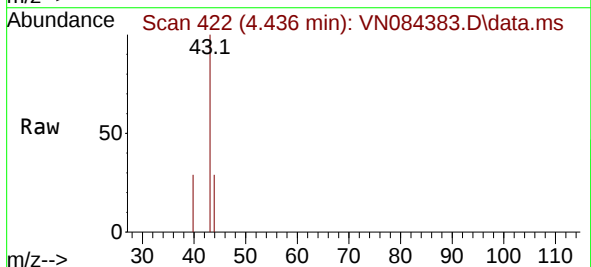
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 42.1  | 66.2  | 99.4# |
| 51  | 26.7  | 28.8  | 43.2# |

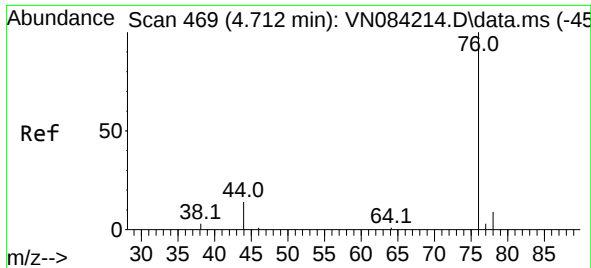


#16  
Acetone  
Concen: 1.388 ug/l  
RT: 4.436 min Scan# 422  
Delta R.T. 0.012 min  
Lab File: VN084383.D  
Acq: 10 Oct 2024 12:39

Tgt Ion: 43 Resp: 1380

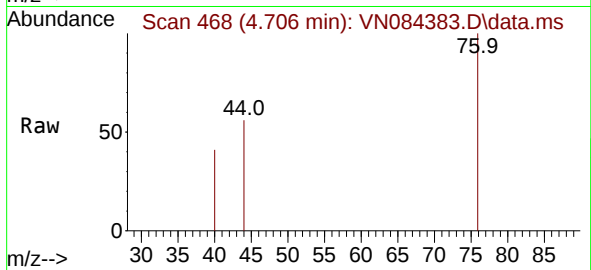
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 0.0   | 24.4  | 36.6# |



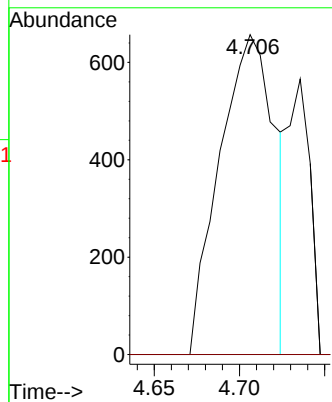
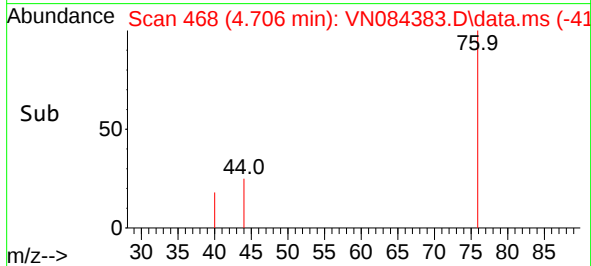


#17  
Carbon Disulfide  
Concen: 0.266 ug/l  
RT: 4.706 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VN084383.D  
Acq: 10 Oct 2024 12:39

Instrument :  
MSVOA\_N  
ClientSampleId :

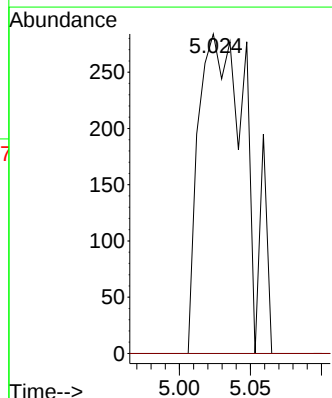
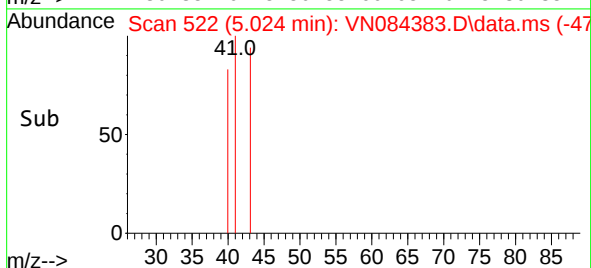
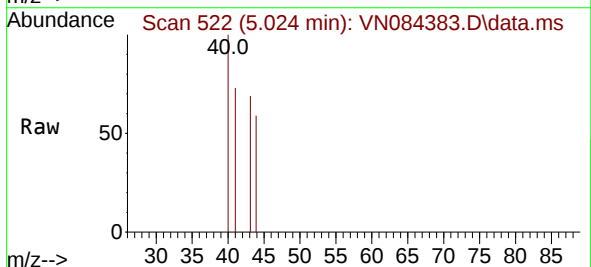


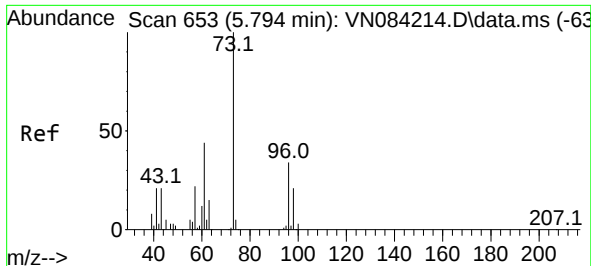
Tgt Ion: 76 Resp: 1478  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.3 10.9#



#18  
Methyl Acetate  
Concen: 0.311 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. 0.006 min  
Lab File: VN084383.D  
Acq: 10 Oct 2024 12:39

Tgt Ion: 43 Resp: 674  
Ion Ratio Lower Upper  
43 100  
74 0.0 19.2 28.8#





#19

Methyl tert-butyl Ether

Concen: 0.123 ug/l

RT: 5.800 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN084383.D

Acq: 10 Oct 2024 12:39

Instrument :

MSVOA\_N

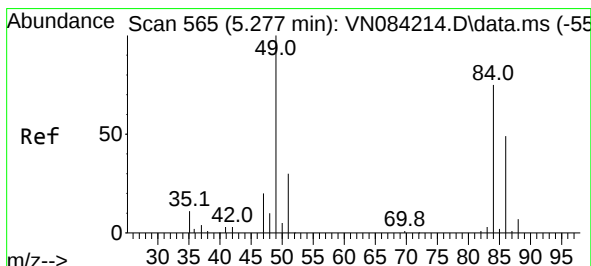
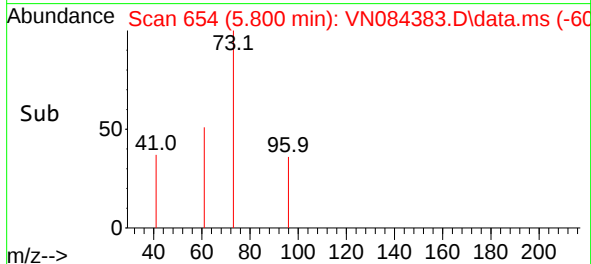
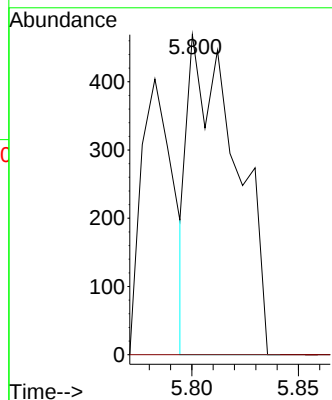
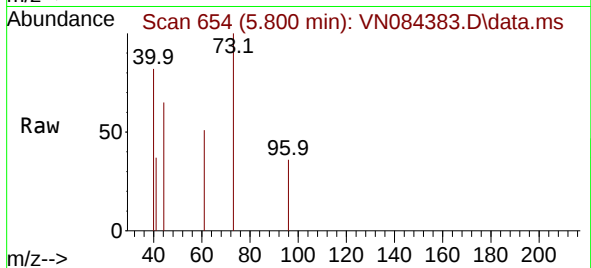
ClientSampleId :

Tgt Ion: 73 Resp: 728

Ion Ratio Lower Upper

73 100

57 0.0 17.7 26.5#



#20

Methylene Chloride

Concen: 0.246 ug/l

RT: 5.271 min Scan# 564

Delta R.T. -0.006 min

Lab File: VN084383.D

Acq: 10 Oct 2024 12:39

Tgt Ion: 84 Resp: 498

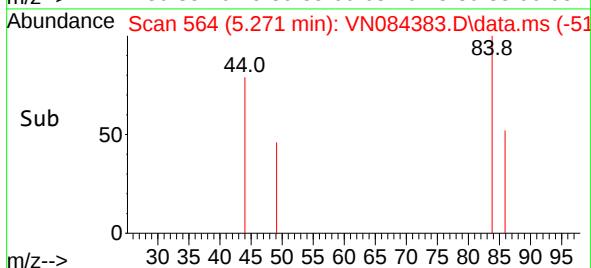
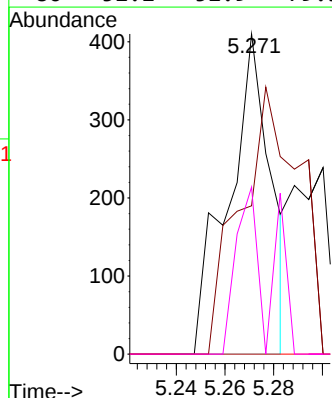
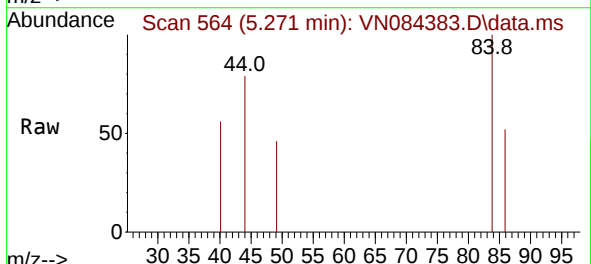
Ion Ratio Lower Upper

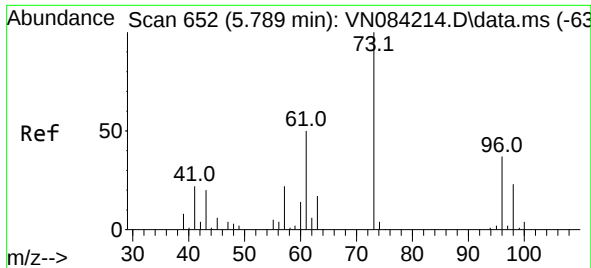
84 100

49 46.3 107.2 160.8#

51 0.0 31.8 47.8#

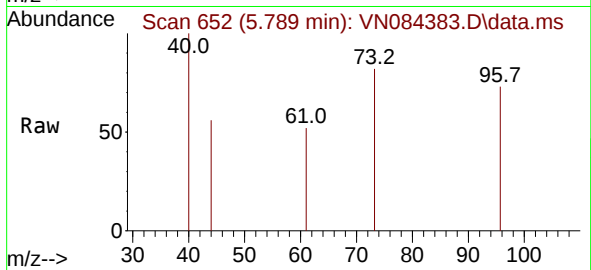
86 52.2 52.9 79.3#



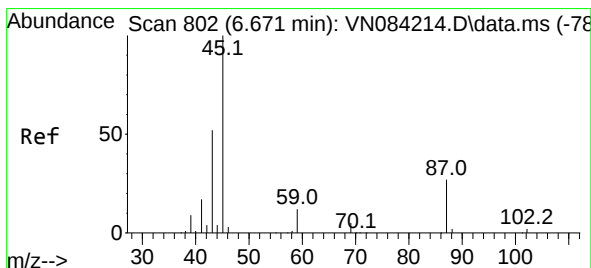
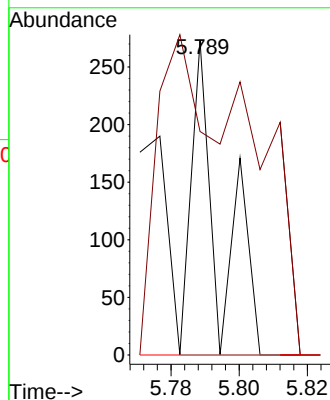
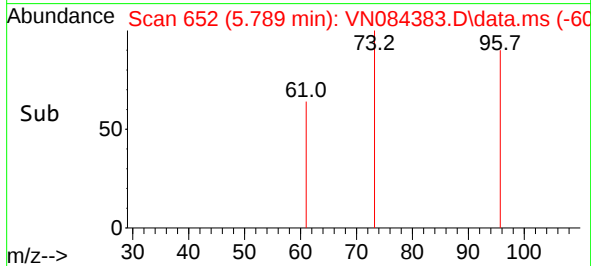


#21  
trans-1,2-Dichloroethene  
Concen: 0.085 ug/l  
RT: 5.789 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN084383.D  
Acq: 10 Oct 2024 12:39

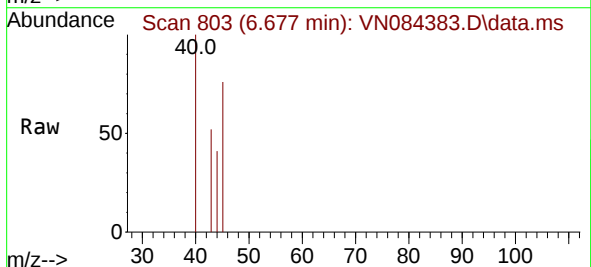
Instrument :  
MSVOA\_N  
ClientSampleId :



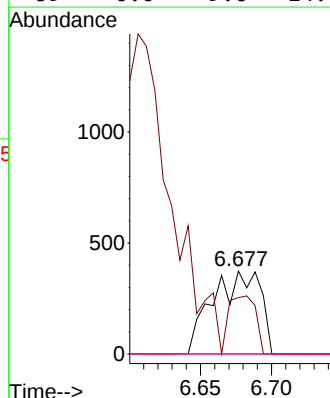
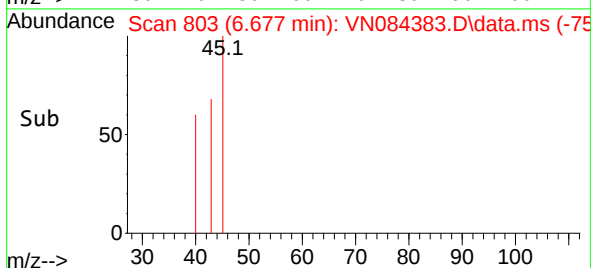
Tgt Ion: 96 Resp: 157  
Ion Ratio Lower Upper  
96 100  
61 0.0 108.4 162.6#  
98 0.0 49.8 74.8#



#22  
Diisopropyl ether  
Concen: 0.139 ug/l  
RT: 6.677 min Scan# 803  
Delta R.T. 0.006 min  
Lab File: VN084383.D  
Acq: 10 Oct 2024 12:39



Tgt Ion: 45 Resp: 876  
Ion Ratio Lower Upper  
45 100  
43 67.9 42.3 63.5#  
87 0.0 21.8 32.6#  
59 0.0 9.6 14.4#

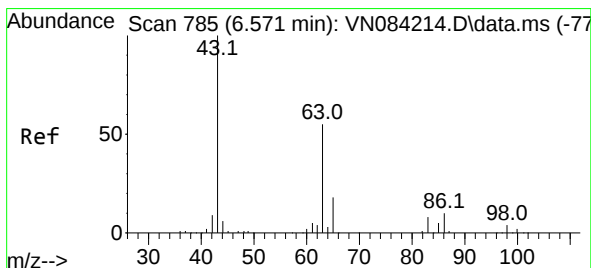
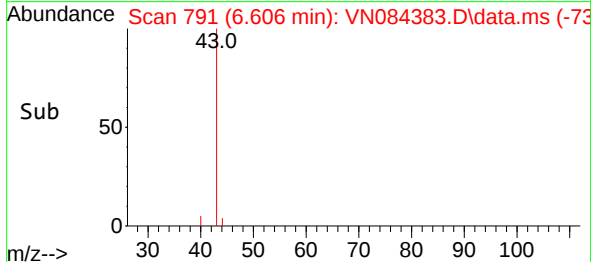
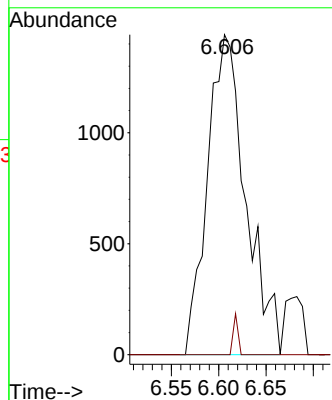
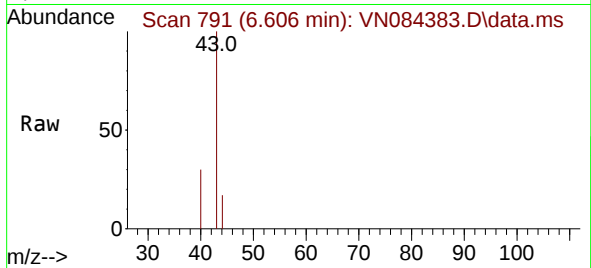




#23  
 Vinyl Acetate  
 Concen: 0.866 ug/l  
 RT: 6.606 min Scan# 791  
 Delta R.T. 0.006 min  
 Lab File: VN084383.D  
 Acq: 10 Oct 2024 12:39

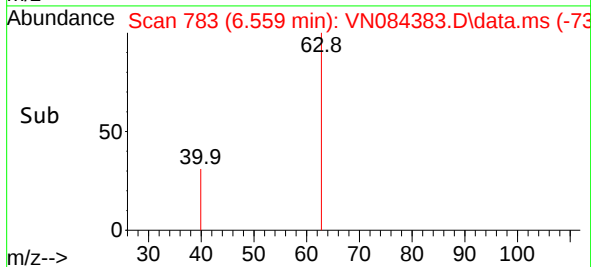
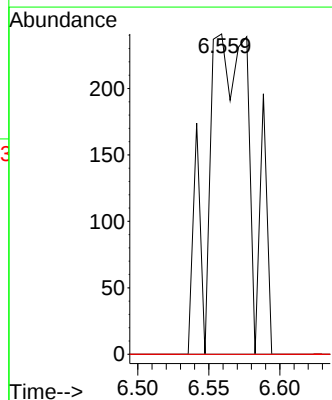
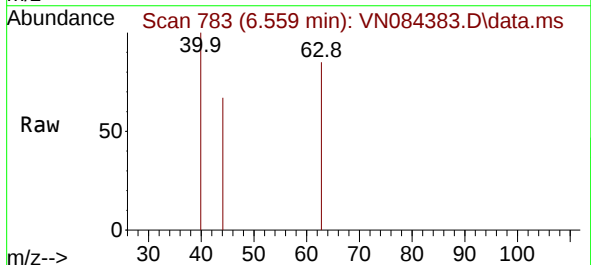
Instrument :  
 MSVOA\_N  
 ClientSampleId :

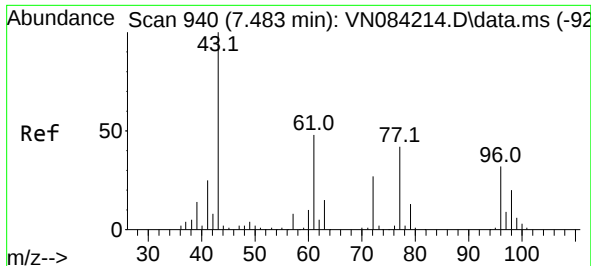
Tgt Ion: 43 Resp: 4057  
 Ion Ratio Lower Upper  
 43 100  
 86 0.0 8.6 12.8#



#24  
 1,1-Dichloroethane  
 Concen: 0.151 ug/l  
 RT: 6.559 min Scan# 783  
 Delta R.T. -0.012 min  
 Lab File: VN084383.D  
 Acq: 10 Oct 2024 12:39

Tgt Ion: 63 Resp: 533  
 Ion Ratio Lower Upper  
 63 100  
 98 0.0 3.4 10.2#  
 100 0.0 2.0 5.8#

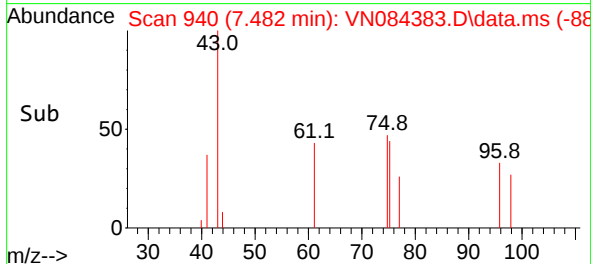
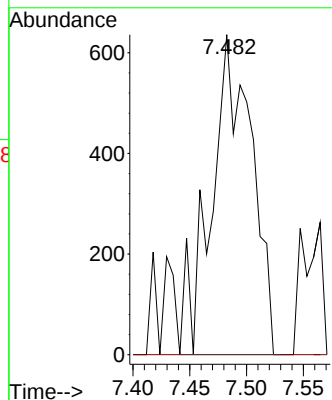
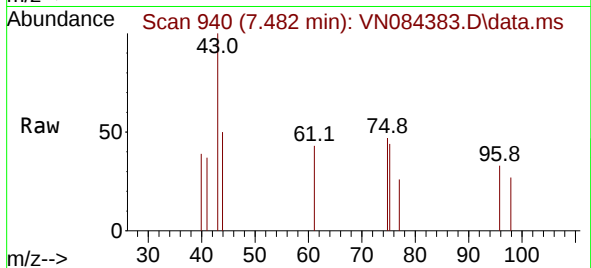




#25  
2-Butanone  
Concen: 1.172 ug/l  
RT: 7.482 min Scan# 940  
Delta R.T. -0.000 min  
Lab File: VN084383.D  
Acq: 10 Oct 2024 12:39

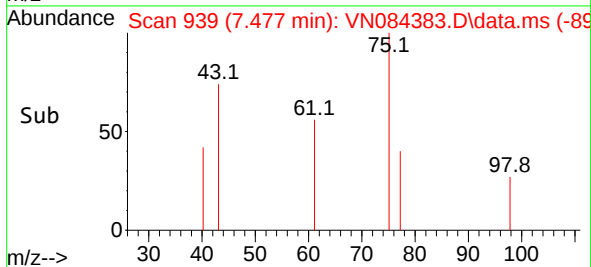
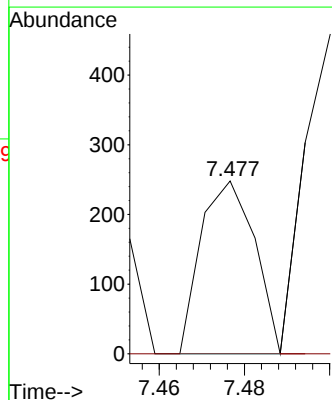
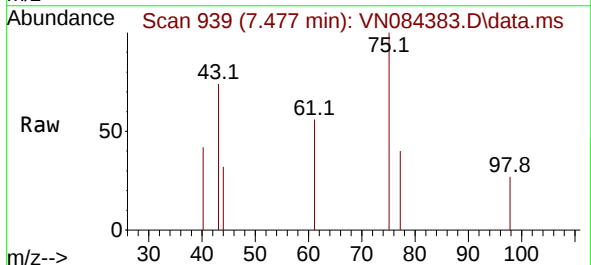
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 43 Resp: 1588  
Ion Ratio Lower Upper  
43 100  
72 0.0 21.4 32.2#



#26  
2,2-Dichloropropane  
Concen: 0.068 ug/l  
RT: 7.477 min Scan# 939  
Delta R.T. -0.012 min  
Lab File: VN084383.D  
Acq: 10 Oct 2024 12:39

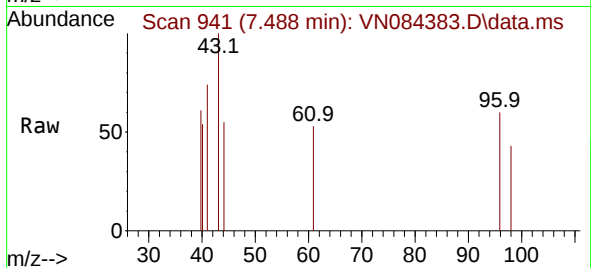
Tgt Ion: 77 Resp: 218  
Ion Ratio Lower Upper  
77 100  
97 0.0 10.8 32.3#





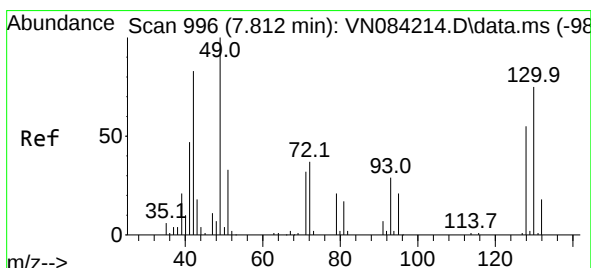
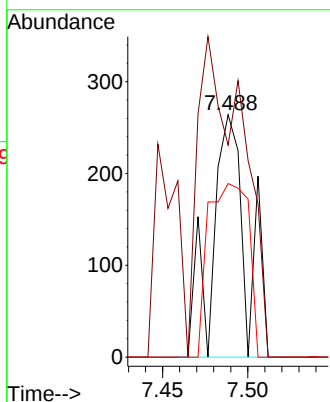
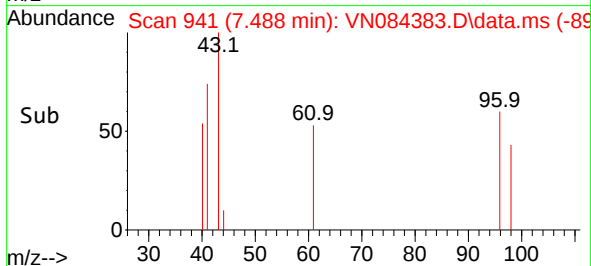
#27  
 cis-1,2-Dichloroethene  
 Concen: 0.166 ug/l  
 RT: 7.488 min Scan# 941  
 Delta R.T. -0.000 min  
 Lab File: VN084383.D  
 Acq: 10 Oct 2024 12:39

Instrument :  
 MSVOA\_N  
 ClientSampleId :

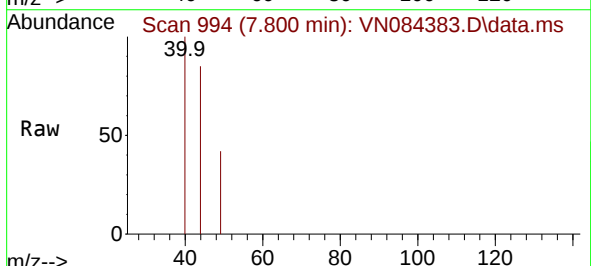


Tgt Ion: 96 Resp: 369

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 172.4 | 0.0   | 301.8 |
| 98  | 84.6  | 0.0   | 128.2 |

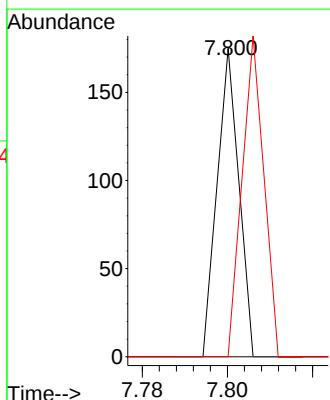
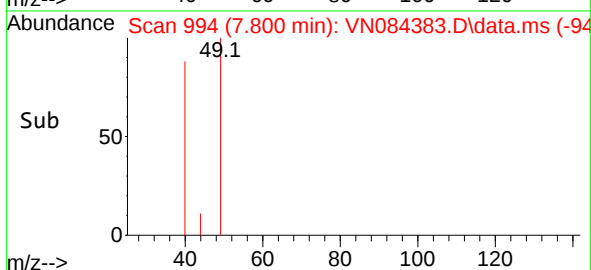


#28  
 Bromochloromethane  
 Concen: 0.039 ug/l  
 RT: 7.800 min Scan# 994  
 Delta R.T. -0.012 min  
 Lab File: VN084383.D  
 Acq: 10 Oct 2024 12:39



Tgt Ion: 49 Resp: 62

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 0.0   | 0.0   | 3.6   |
| 130 | 103.2 | 58.0  | 87.0  |





#29

Tetrahydrofuran

Concen: 0.537 ug/l

RT: 7.859 min Scan# 1004

Delta R.T. 0.023 min

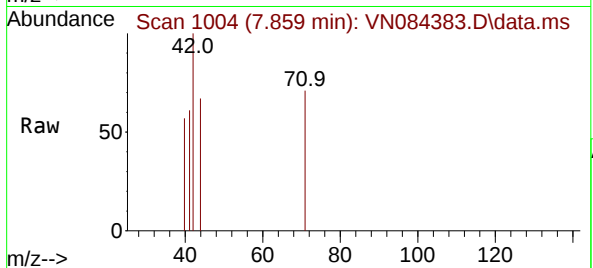
Lab File: VN084383.D

Acq: 10 Oct 2024 12:39

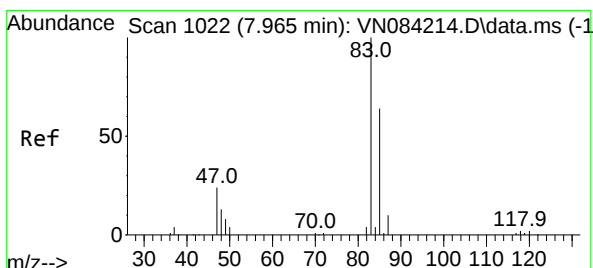
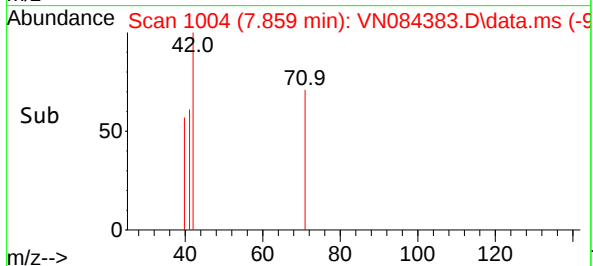
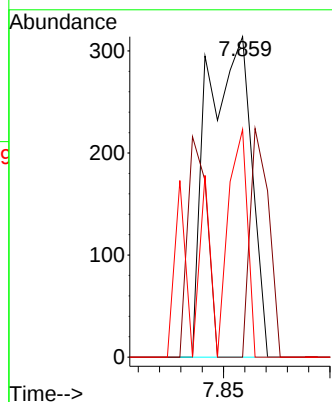
Instrument :

MSVOA\_N

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 449   |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 30.5  | 34.6  | 51.8# |
| 71       | 45.0  | 32.2  | 48.4  |



#30

Chloroform

Concen: 0.195 ug/l

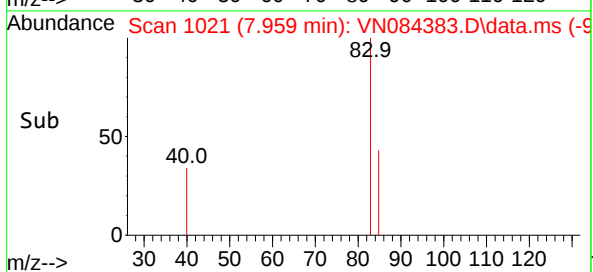
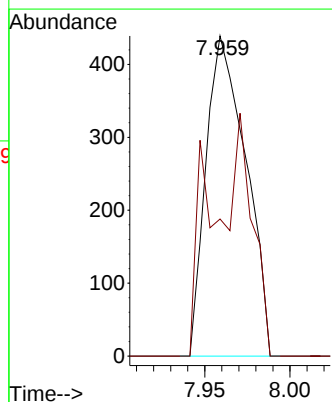
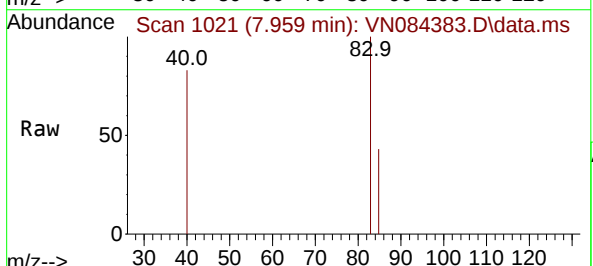
RT: 7.959 min Scan# 1021

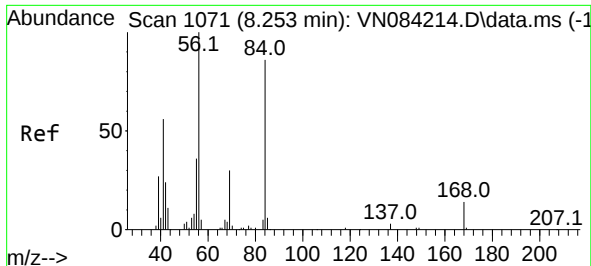
Delta R.T. -0.006 min

Lab File: VN084383.D

Acq: 10 Oct 2024 12:39

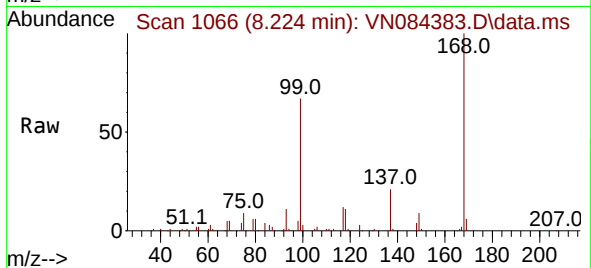
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 714   |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 42.8  | 51.0  | 76.4# |



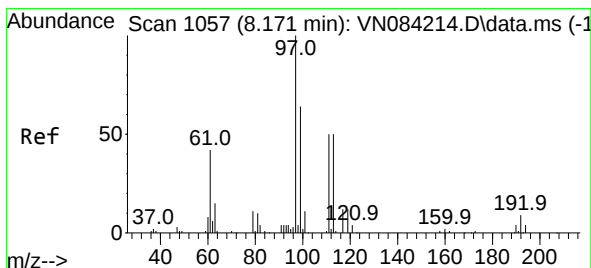
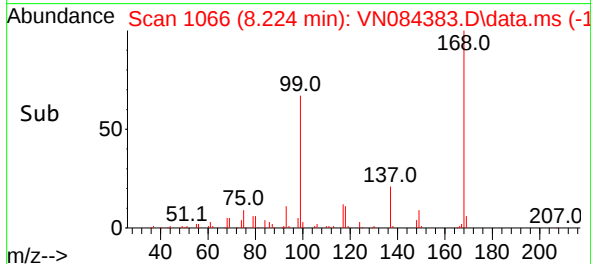
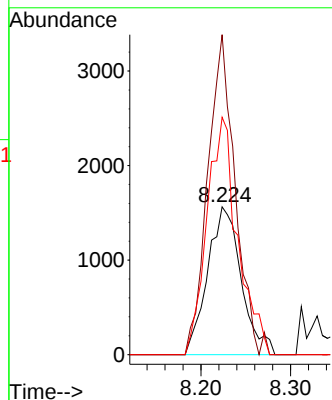


#31  
Cyclohexane  
Concen: 1.186 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.029 min  
Lab File: VN084383.D  
Acq: 10 Oct 2024 12:39

Instrument :  
MSVOA\_N  
ClientSampleId :

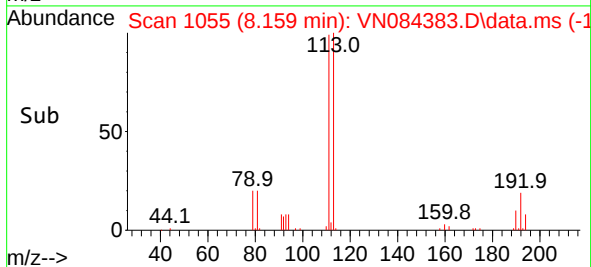
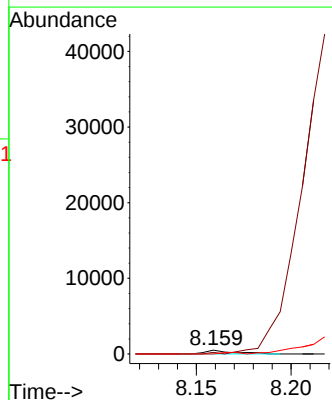
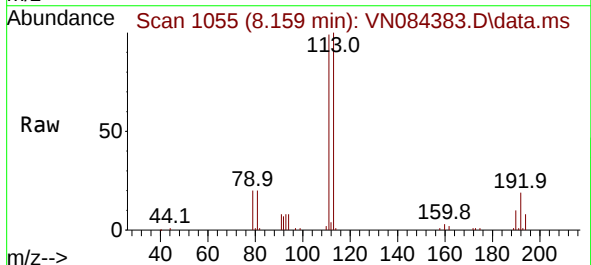


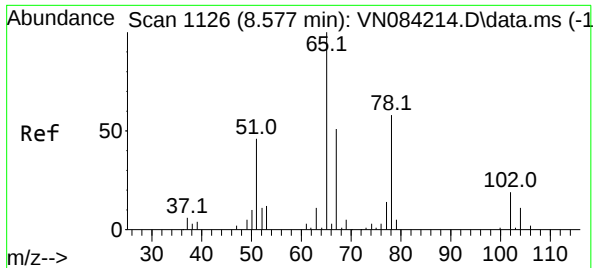
Tgt Ion: 56 Resp: 4066  
Ion Ratio Lower Upper  
56 100  
69 216.4 23.8 35.6#  
84 160.6 68.8 103.2#



#32  
1,1,1-Trichloroethane  
Concen: 0.155 ug/l  
RT: 8.159 min Scan# 1055  
Delta R.T. -0.012 min  
Lab File: VN084383.D  
Acq: 10 Oct 2024 12:39

Tgt Ion: 97 Resp: 512  
Ion Ratio Lower Upper  
97 100  
99 0.0 51.2 76.8#  
61 28.3 37.5 56.3#





#33

1,2-Dichloroethane-d4

Concen: 53.790 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN084383.D

Acq: 10 Oct 2024 12:39

Instrument :

MSVOA\_N

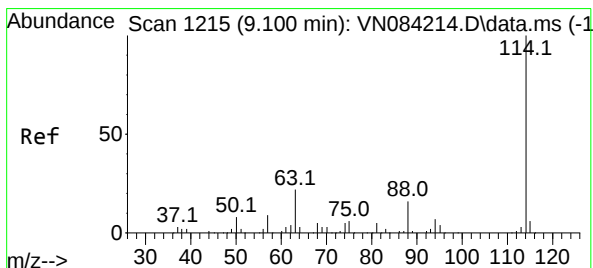
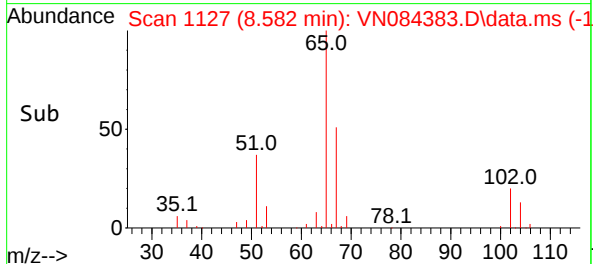
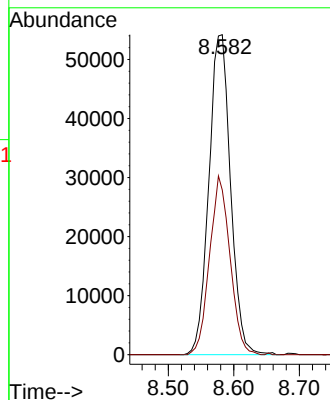
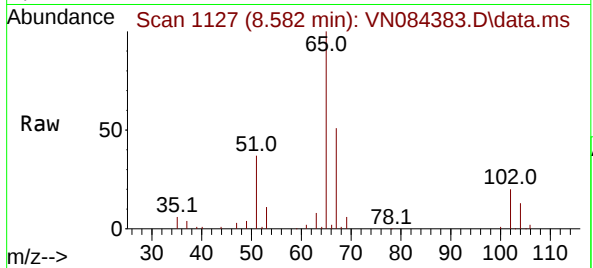
ClientSampleId :

Tgt Ion: 65 Resp: 124517

Ion Ratio Lower Upper

65 100

67 52.6 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN084383.D

Acq: 10 Oct 2024 12:39

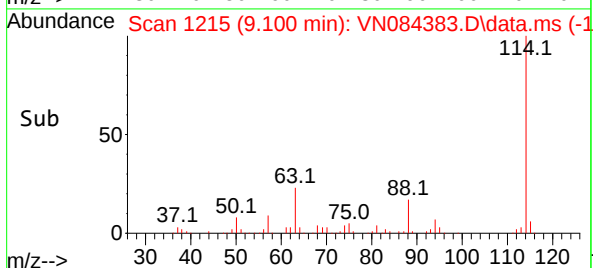
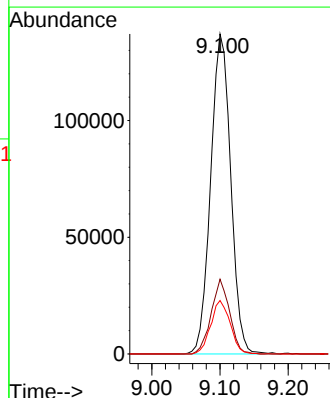
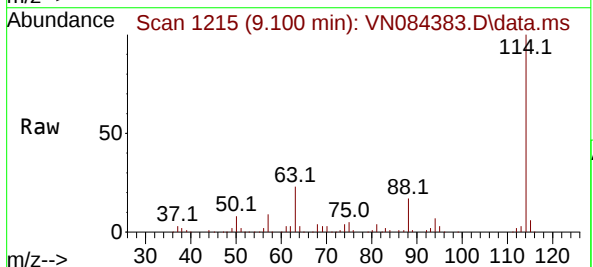
Tgt Ion: 114 Resp: 280934

Ion Ratio Lower Upper

114 100

63 23.4 0.0 43.8

88 16.7 0.0 31.6





#35

Dibromofluoromethane

Concen: 53.623 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

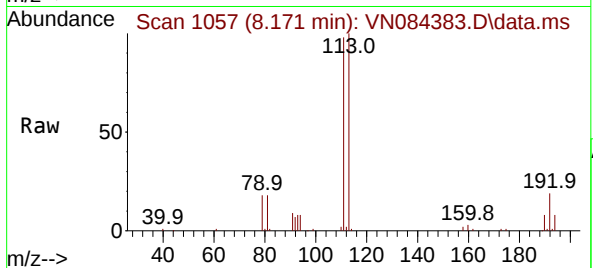
Lab File: VN084383.D

Acq: 10 Oct 2024 12:39

Instrument :

MSVOA\_N

ClientSampleId :



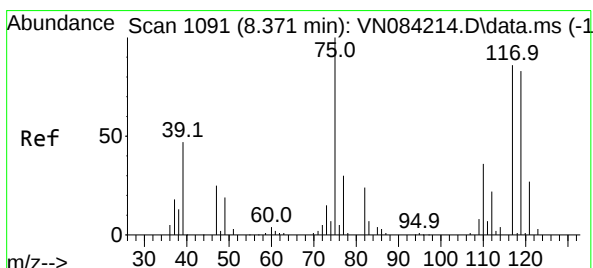
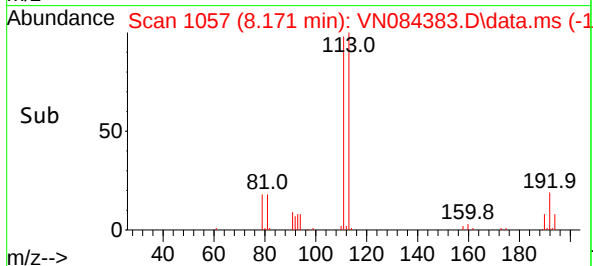
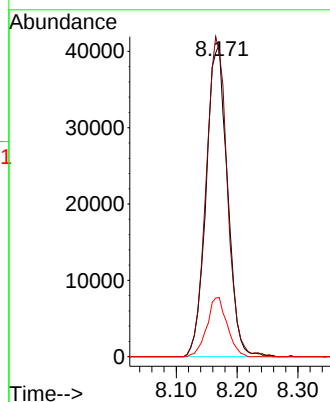
Tgt Ion:113 Resp: 99315

Ion Ratio Lower Upper

113 100

111 101.9 83.3 124.9

192 18.0 13.5 20.3



#36

1,1-Dichloropropene

Concen: 0.219 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VN084383.D

Acq: 10 Oct 2024 12:39

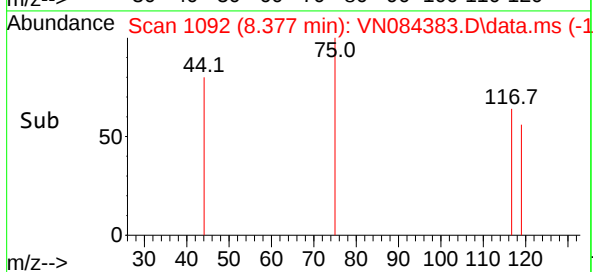
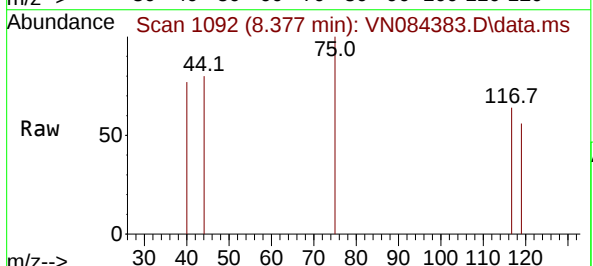
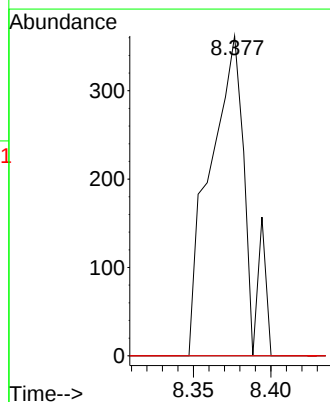
Tgt Ion: 75 Resp: 588

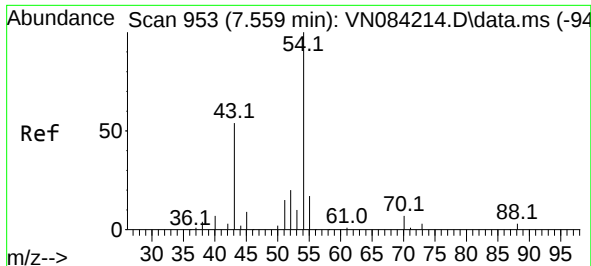
Ion Ratio Lower Upper

75 100

110 0.0 16.9 50.7#

77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.111 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

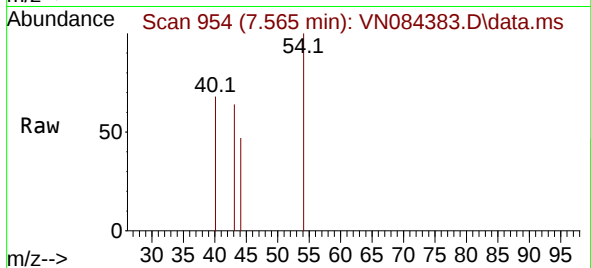
Lab File: VN084383.D

Acq: 10 Oct 2024 12:39

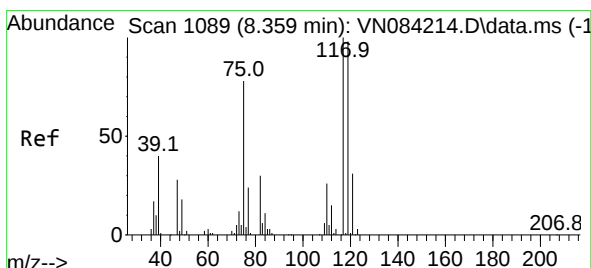
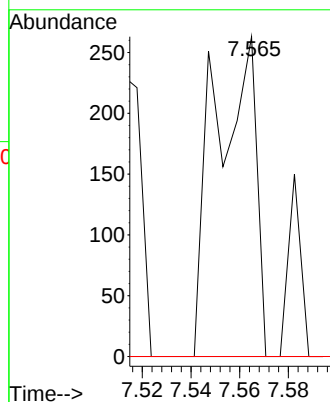
Instrument :

MSVOA\_N

ClientSampleId :



|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 43 | Resp: | 305         |
| Ion         | Ratio | Lower Upper |
| 43          | 100   |             |
| 61          | 0.0   | 10.7 16.1#  |
| 70          | 0.0   | 8.8 13.2#   |



#38

Carbon Tetrachloride

Concen: 0.216 ug/l

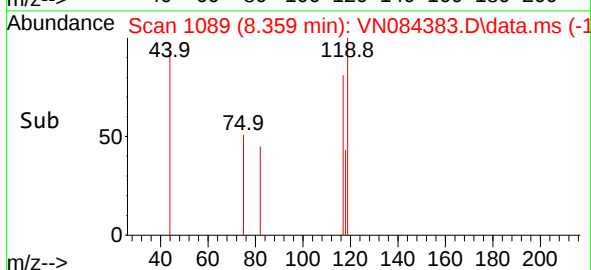
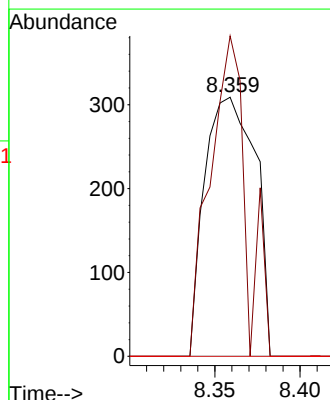
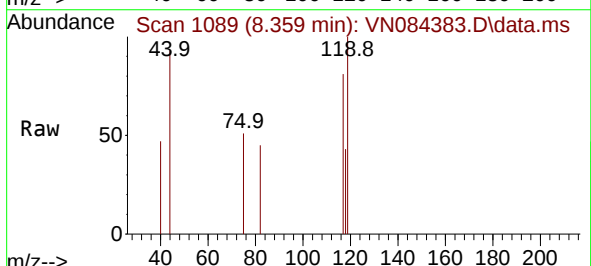
RT: 8.359 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VN084383.D

Acq: 10 Oct 2024 12:39

|              |       |             |
|--------------|-------|-------------|
| Tgt Ion: 117 | Resp: | 638         |
| Ion          | Ratio | Lower Upper |
| 117          | 100   |             |
| 119          | 123.6 | 78.7 118.1# |
| 121          | 0.0   | 24.4 36.6#  |





#39

Methylcyclohexane

Concen: 0.170 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN084383.D

Acq: 10 Oct 2024 12:39

Instrument :

MSVOA\_N

ClientSampleId :

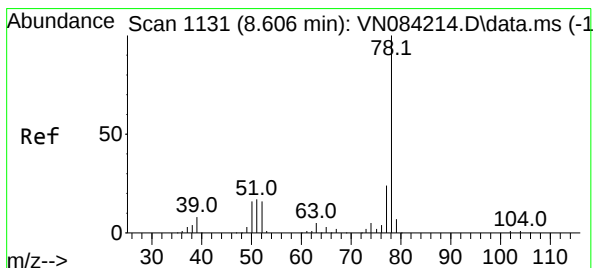
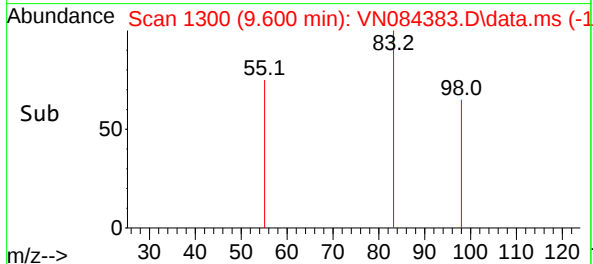
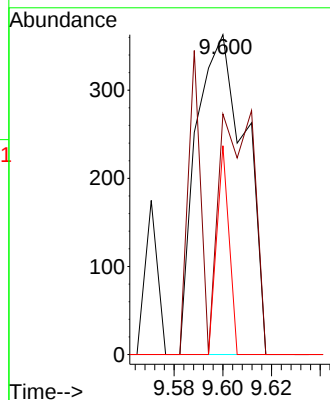
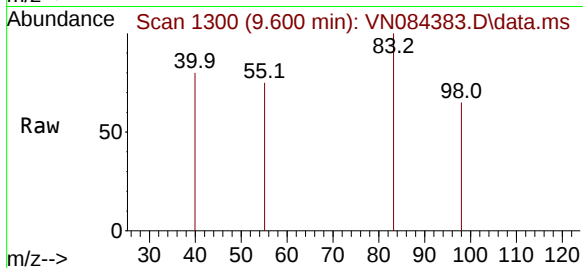
Tgt Ion: 83 Resp: 509

Ion Ratio Lower Upper

83 100

55 75.2 62.8 94.2

98 65.3 38.8 58.2#



#40

Benzene

Concen: 0.222 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN084383.D

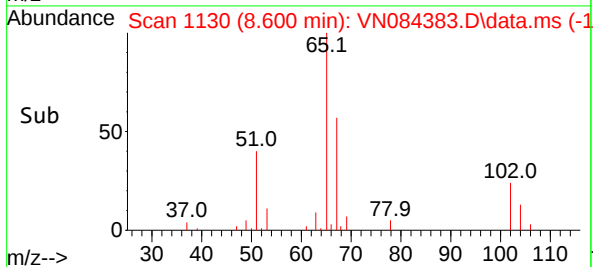
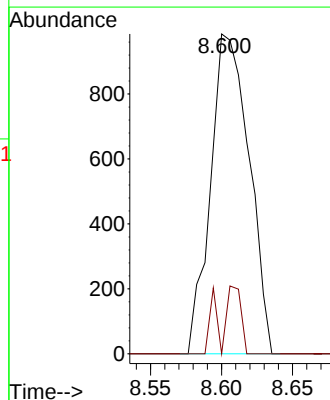
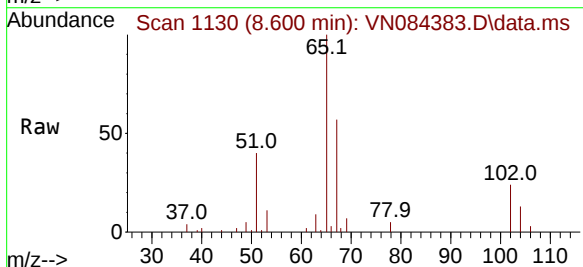
Acq: 10 Oct 2024 12:39

Tgt Ion: 78 Resp: 1859

Ion Ratio Lower Upper

78 100

77 0.0 19.1 28.7#

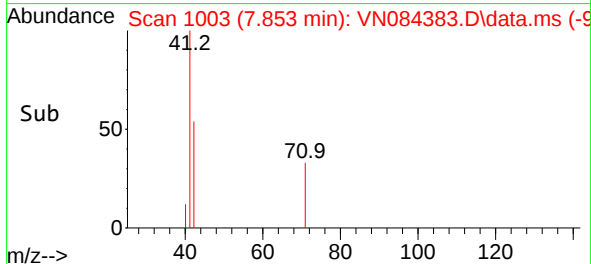
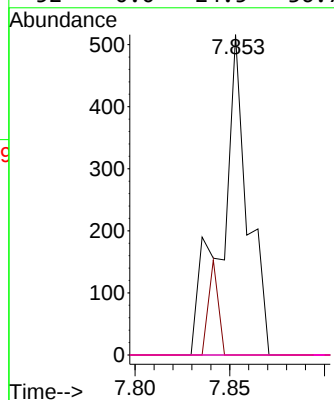
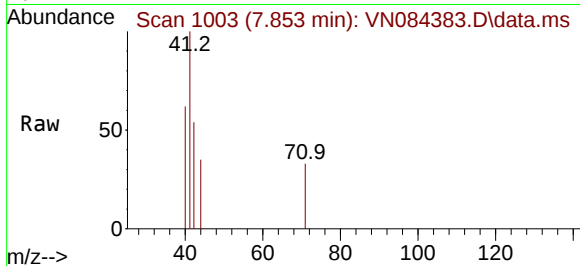




#41  
Methacrylonitrile  
Concen: 0.332 ug/l  
RT: 7.853 min Scan# 1003  
Delta R.T. 0.076 min  
Lab File: VN084383.D  
Acq: 10 Oct 2024 12:39

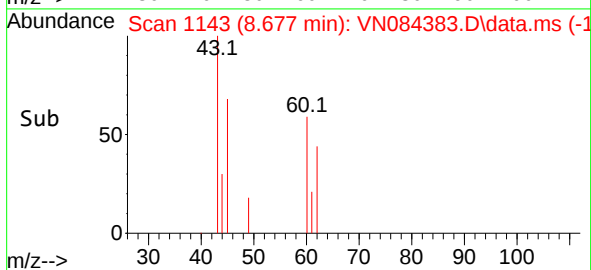
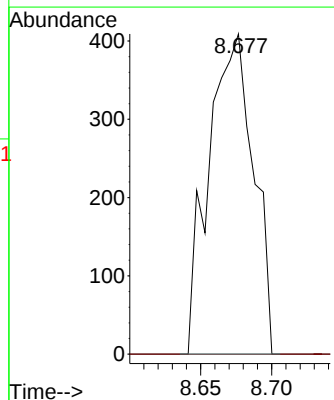
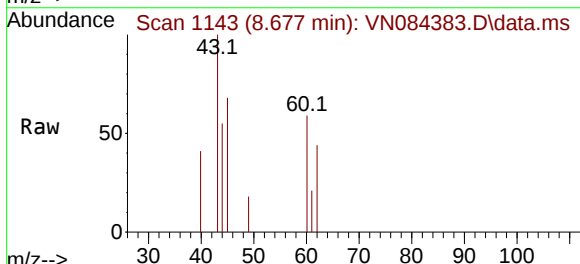
Instrument :  
MSVOA\_N  
ClientSampleId :

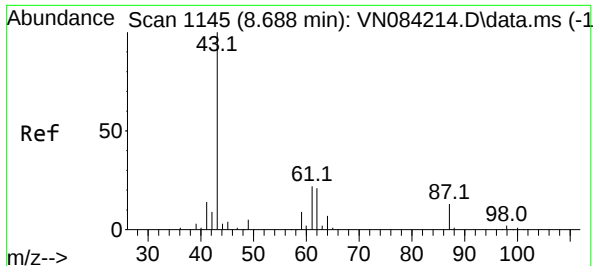
|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 498   |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 39 10.8     | 43.3 64.9#  |
| 67 0.0      | 56.1 84.1#  |
| 52 0.0      | 24.5 36.7#  |



#42  
1,2-Dichloroethane  
Concen: 0.315 ug/l  
RT: 8.677 min Scan# 1143  
Delta R.T. 0.006 min  
Lab File: VN084383.D  
Acq: 10 Oct 2024 12:39

|             |             |
|-------------|-------------|
| Tgt Ion: 62 | Resp: 896   |
| Ion Ratio   | Lower Upper |
| 62 100      |             |
| 98 0.0      | 0.0 18.2    |





#43

Isopropyl Acetate

Concen: 0.592 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. -0.006 min

Lab File: VN084383.D

Acq: 10 Oct 2024 12:39

Instrument :

MSVOA\_N

ClientSampleId :

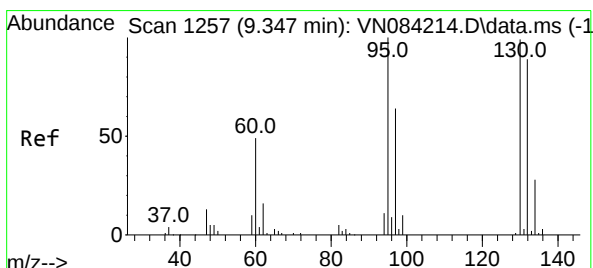
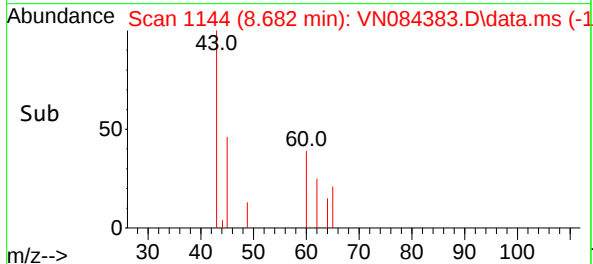
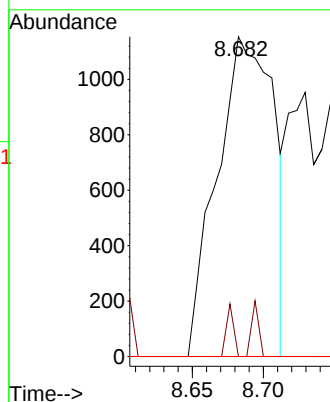
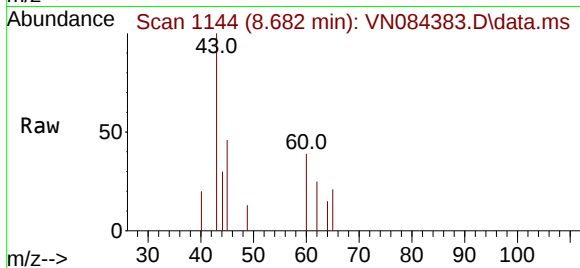
Tgt Ion: 43 Resp: 3203

Ion Ratio Lower Upper

43 100

61 0.0 20.4 30.6#

87 0.0 10.3 15.5#



#44

Trichloroethene

Concen: 0.368 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. 0.012 min

Lab File: VN084383.D

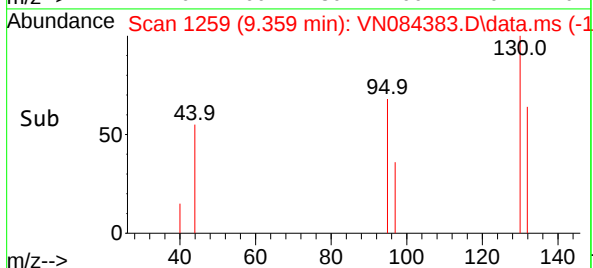
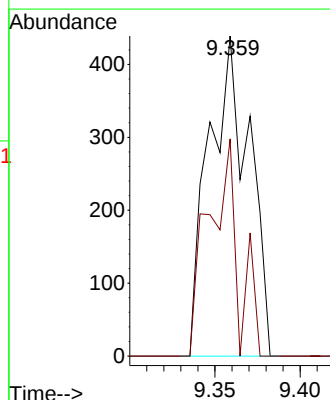
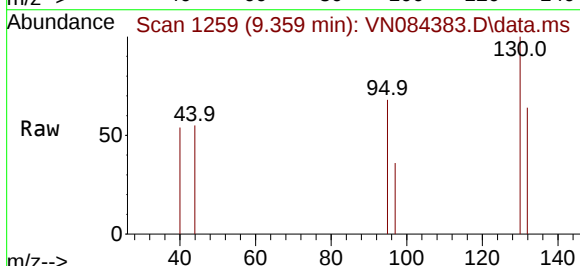
Acq: 10 Oct 2024 12:39

Tgt Ion: 130 Resp: 721

Ion Ratio Lower Upper

130 100

95 67.9 0.0 203.0





#45

1,2-Dichloropropane

Concen: 0.147 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN084383.D

Acq: 10 Oct 2024 12:39

Instrument :

MSVOA\_N

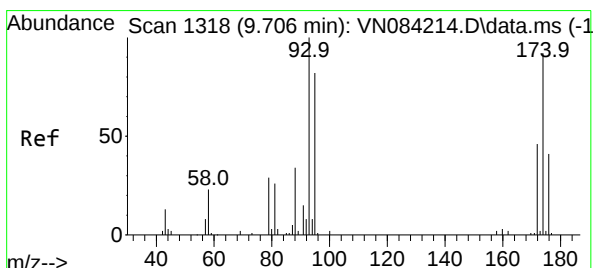
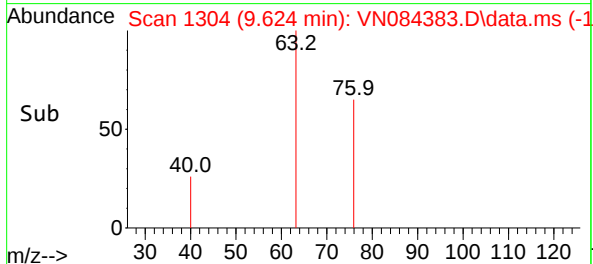
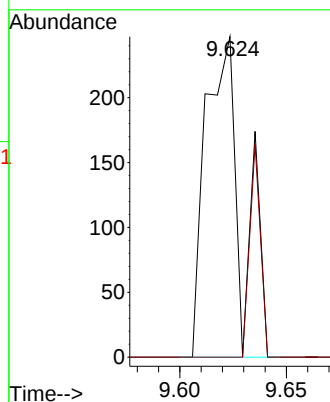
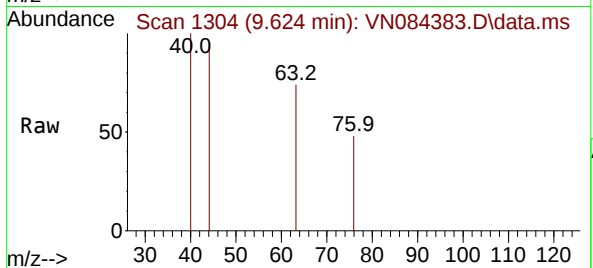
ClientSampleId :

Tgt Ion: 63 Resp: 291

Ion Ratio Lower Upper

63 100

65 0.0 24.6 37.0#



#46

Dibromomethane

Concen: 0.061 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN084383.D

Acq: 10 Oct 2024 12:39

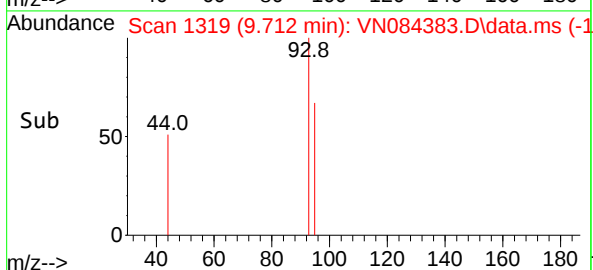
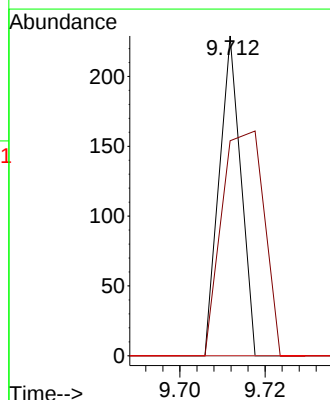
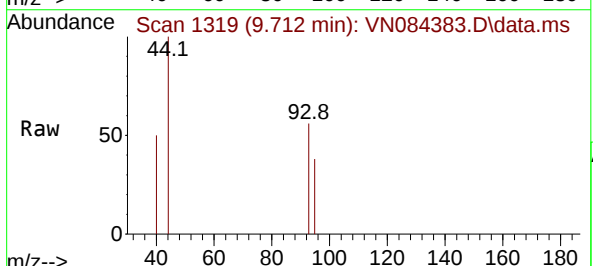
Tgt Ion: 93 Resp: 81

Ion Ratio Lower Upper

93 100

95 137.0 65.0 97.4#

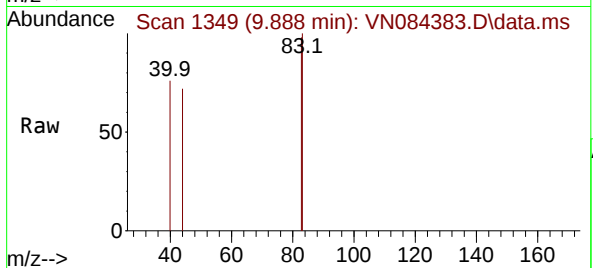
174 0.0 71.8 107.8#



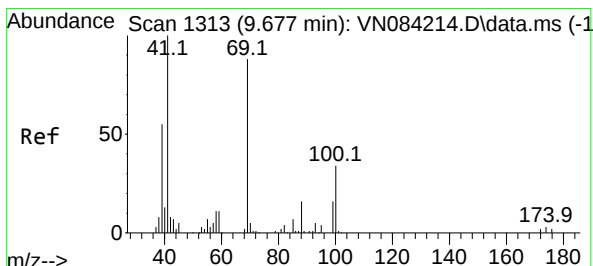
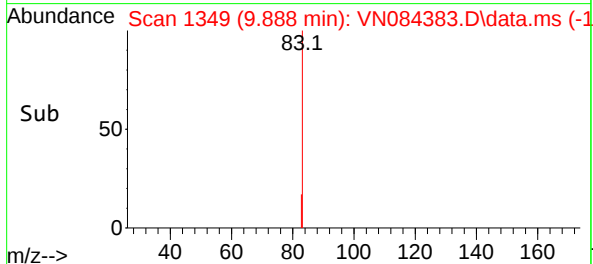
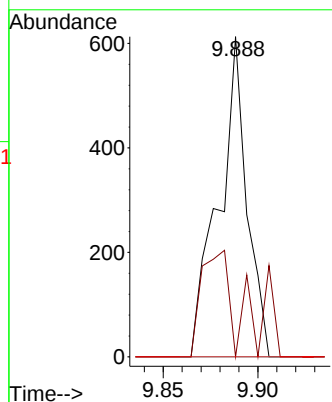


#47  
Bromodichloromethane  
Concen: 0.213 ug/l  
RT: 9.888 min Scan# 1349  
Delta R.T. -0.000 min  
Lab File: VN084383.D  
Acq: 10 Oct 2024 12:39

Instrument :  
MSVOA\_N  
ClientSampleId :

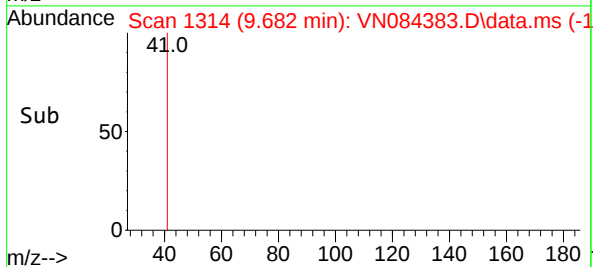
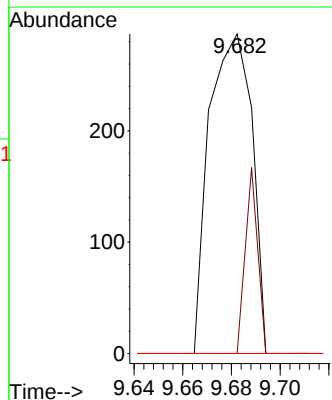
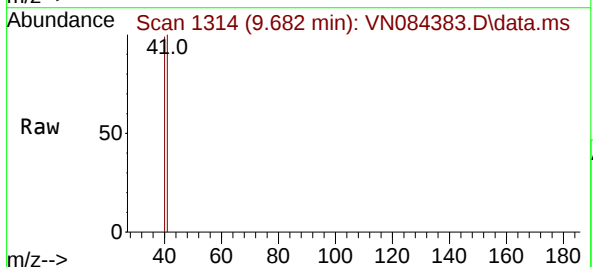


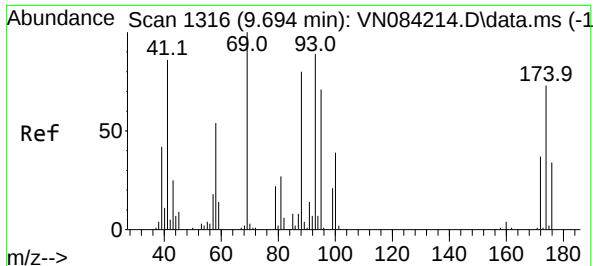
Tgt Ion: 83 Resp: 632  
Ion Ratio Lower Upper  
83 100  
85 0.0 51.5 77.3#  
127 0.0 5.7 8.5#



#48  
Methyl methacrylate  
Concen: 0.162 ug/l  
RT: 9.682 min Scan# 1314  
Delta R.T. 0.006 min  
Lab File: VN084383.D  
Acq: 10 Oct 2024 12:39

Tgt Ion: 41 Resp: 349  
Ion Ratio Lower Upper  
41 100  
69 16.9 67.1 100.7#  
39 0.0 45.8 68.6#





#49

1,4-Dioxane

Concen: 1.464 ug/l

RT: 9.706 min Scan# 1

Delta R.T. 0.012 min

Lab File: VN084383.D

Acq: 10 Oct 2024 12:39

Instrument :

MSVOA\_N

ClientSampleId :

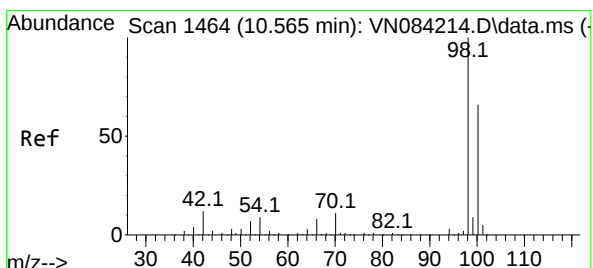
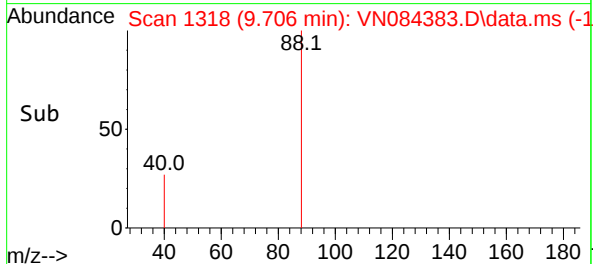
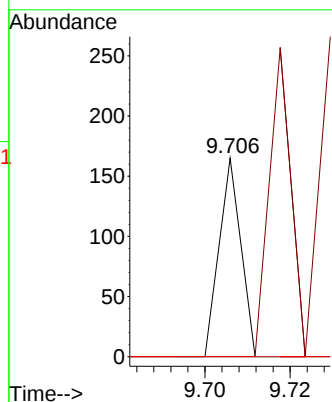
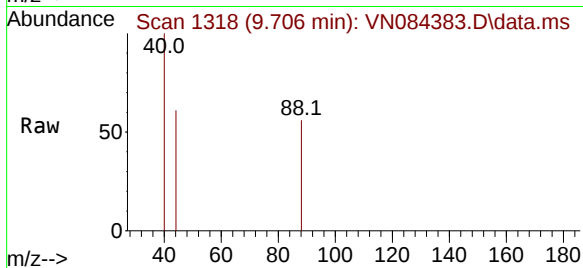
Tgt Ion: 88 Resp: 58

Ion Ratio Lower Upper

88 100

43 0.0 25.3 37.9#

58 0.0 56.4 84.6#



#50

Toluene-d8

Concen: 49.381 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084383.D

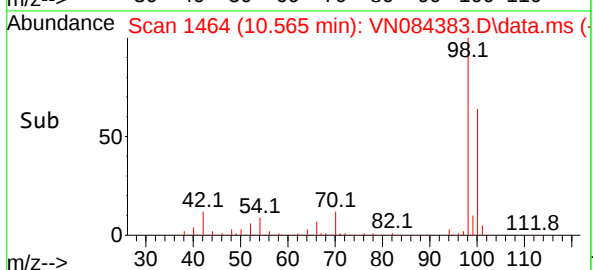
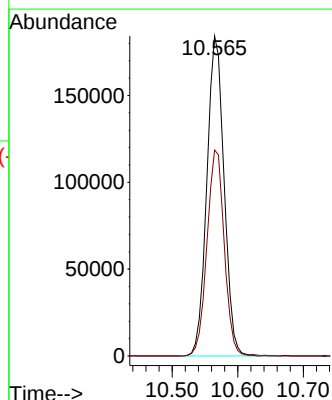
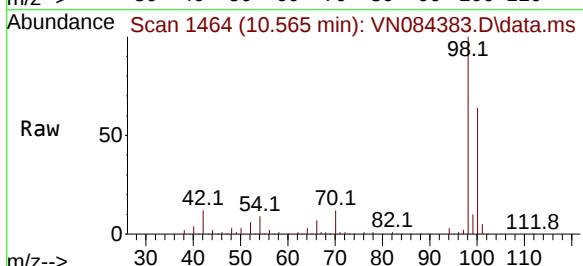
Acq: 10 Oct 2024 12:39

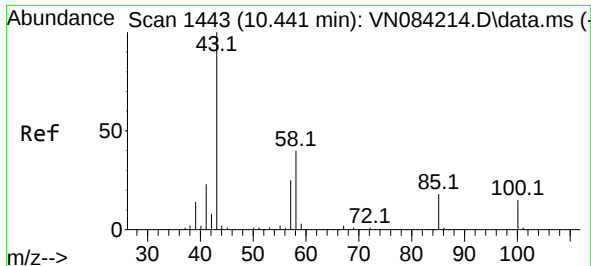
Tgt Ion: 98 Resp: 336487

Ion Ratio Lower Upper

98 100

100 64.5 52.7 79.1

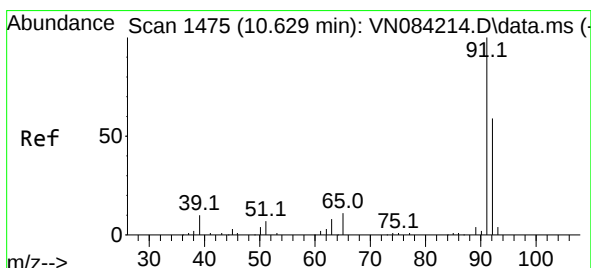
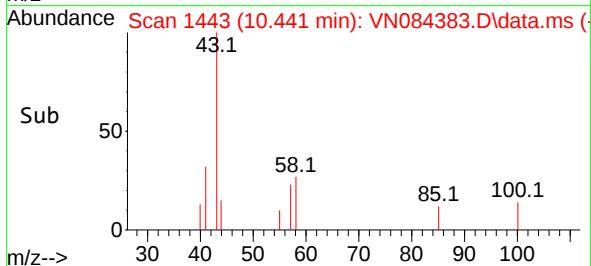
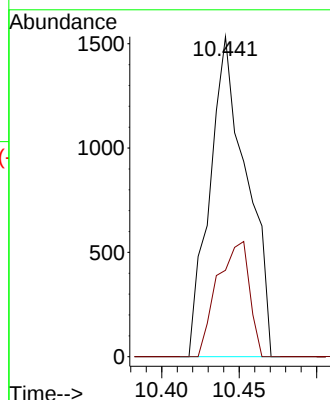
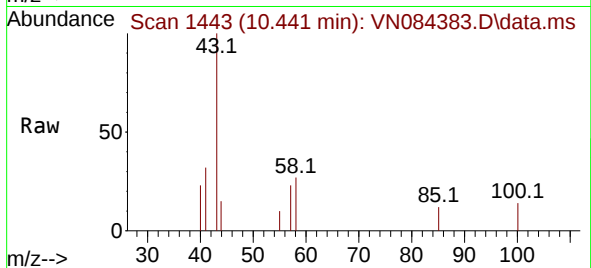




#51  
4-Methyl-2-Pentanone  
Concen: 0.967 ug/l  
RT: 10.441 min Scan# 1443  
Delta R.T. -0.000 min  
Lab File: VN084383.D  
Acq: 10 Oct 2024 12:39

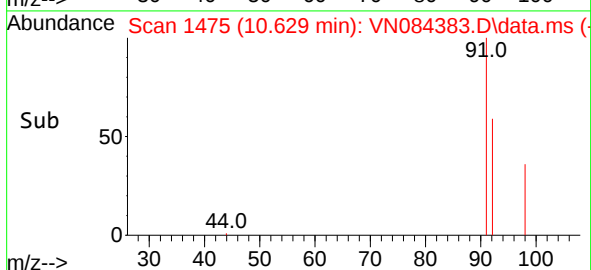
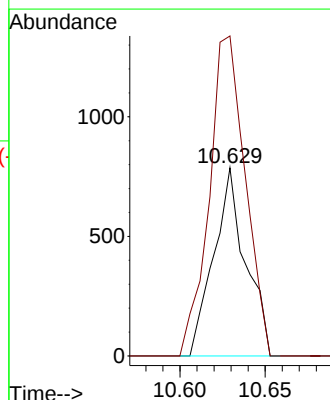
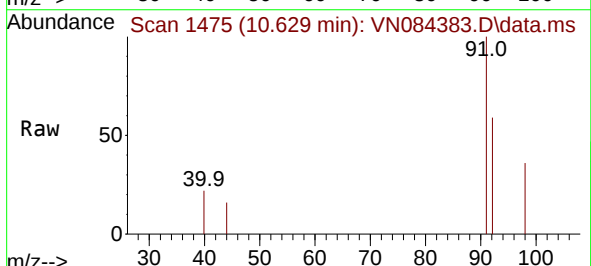
Instrument :  
MSVOA\_N  
ClientSampleId :

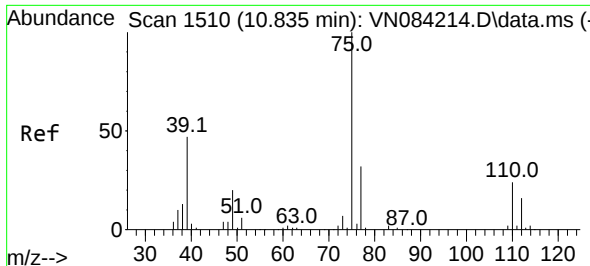
Tgt Ion: 43 Resp: 2540  
Ion Ratio Lower Upper  
43 100  
58 31.1 31.6 47.4#



#52  
Toluene  
Concen: 0.201 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VN084383.D  
Acq: 10 Oct 2024 12:39

Tgt Ion: 92 Resp: 1025  
Ion Ratio Lower Upper  
92 100  
91 192.6 137.3 205.9

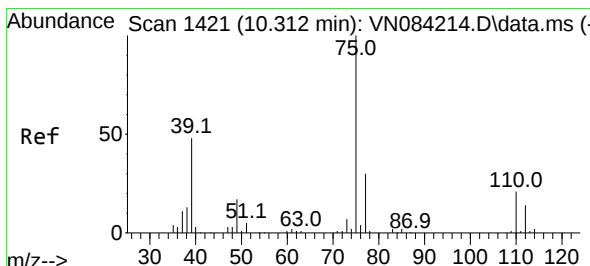
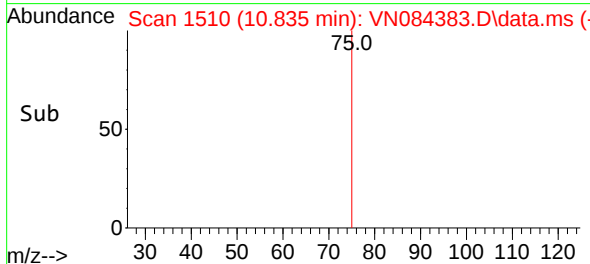
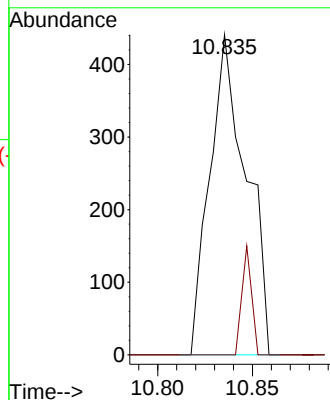
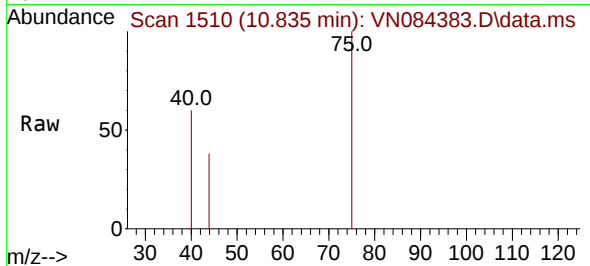




#53  
 t-1,3-Dichloropropene  
 Concen: 0.195 ug/l  
 RT: 10.835 min Scan# 1510  
 Delta R.T. -0.000 min  
 Lab File: VN084383.D  
 Acq: 10 Oct 2024 12:39

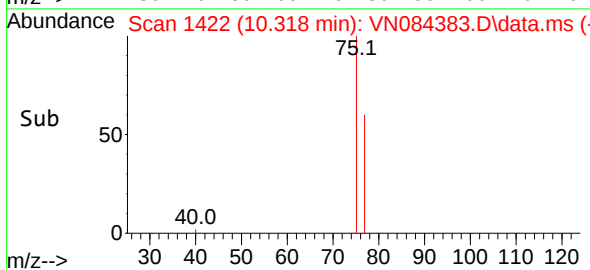
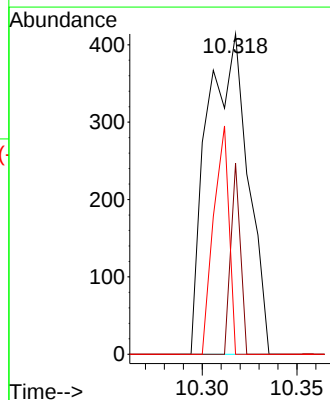
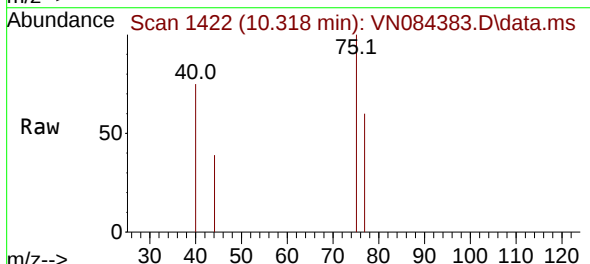
Instrument :  
 MSVOA\_N  
 ClientSampleId :

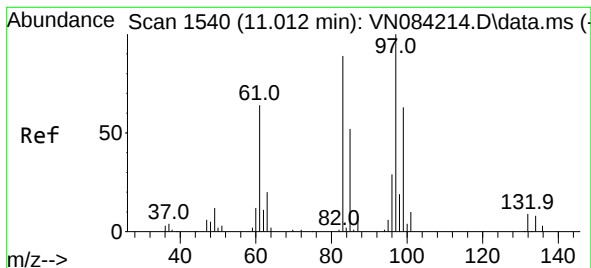
Tgt Ion: 75 Resp: 590  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 25.4 38.0#



#54  
 cis-1,3-Dichloropropene  
 Concen: 0.191 ug/l  
 RT: 10.318 min Scan# 1422  
 Delta R.T. 0.006 min  
 Lab File: VN084383.D  
 Acq: 10 Oct 2024 12:39

Tgt Ion: 75 Resp: 621  
 Ion Ratio Lower Upper  
 75 100  
 77 59.7 24.2 36.2#  
 39 0.0 38.7 58.1#





#55

1,1,2-Trichloroethane

Concen: 0.147 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.006 min

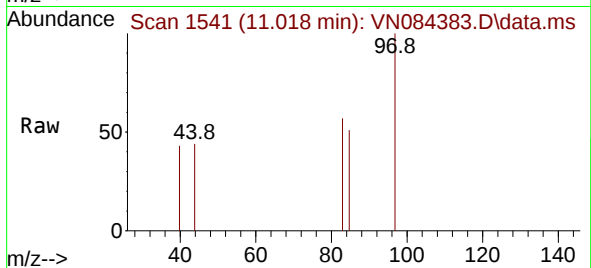
Lab File: VN084383.D

Acq: 10 Oct 2024 12:39

Instrument :

MSVOA\_N

ClientSampleId :



Tgt Ion: 97 Resp: 270

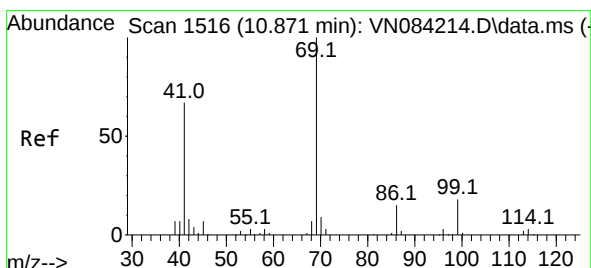
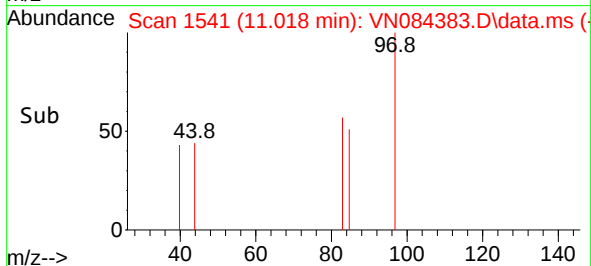
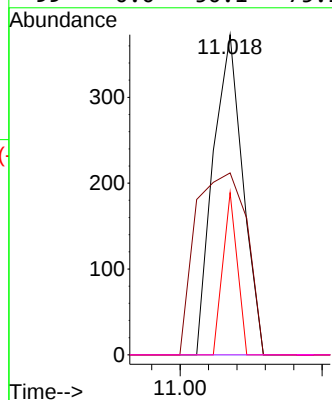
Ion Ratio Lower Upper

97 100

83 56.8 71.0 106.4#

85 50.7 41.7 62.5

99 0.0 50.1 75.1#



#56

Ethyl methacrylate

Concen: 0.257 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VN084383.D

Acq: 10 Oct 2024 12:39

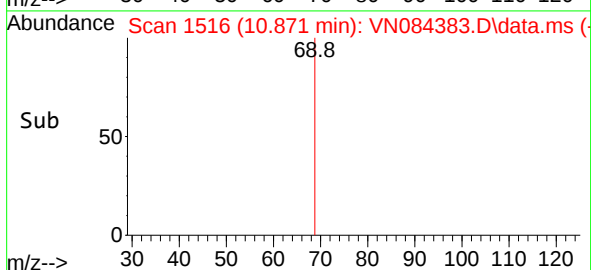
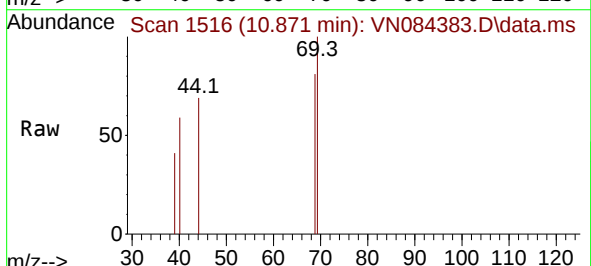
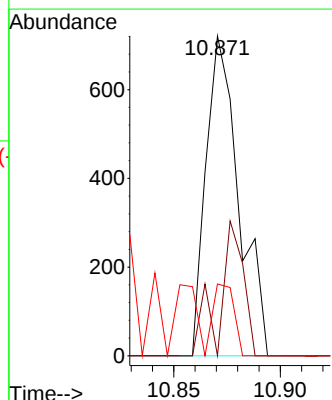
Tgt Ion: 69 Resp: 774

Ion Ratio Lower Upper

69 100

41 30.7 53.3 79.9#

39 14.5 28.8 43.2#





#57

1,3-Dichloropropane

Concen: 0.181 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

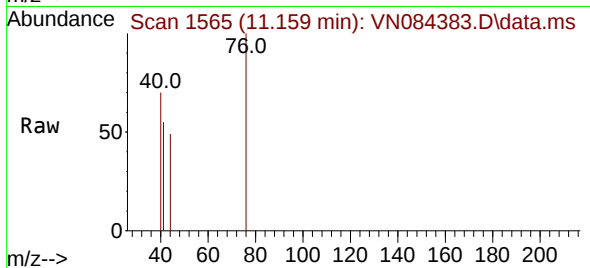
Lab File: VN084383.D

Acq: 10 Oct 2024 12:39

Instrument :

MSVOA\_N

ClientSampleId :

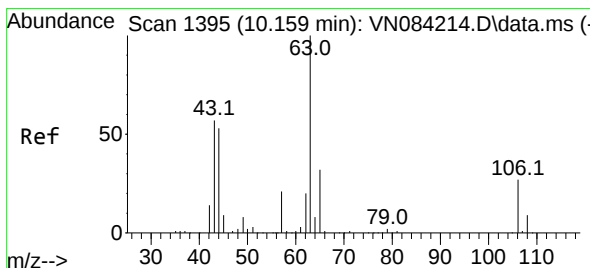
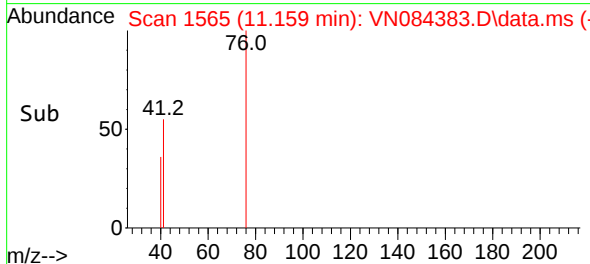
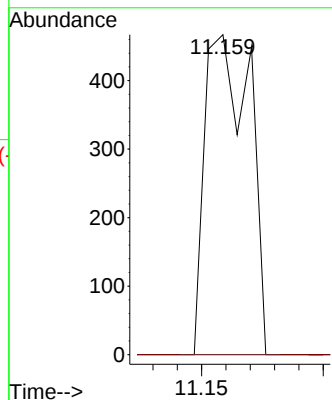


Tgt Ion: 76 Resp: 594

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.6#



#58

2-Chloroethyl Vinyl ether

Concen: 0.704 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN084383.D

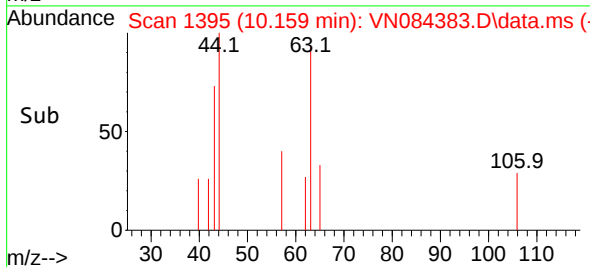
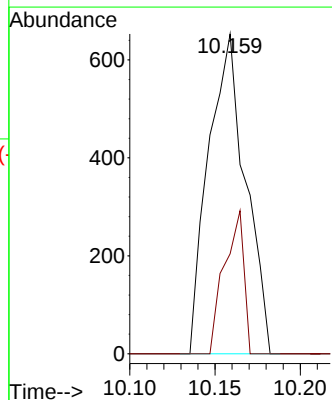
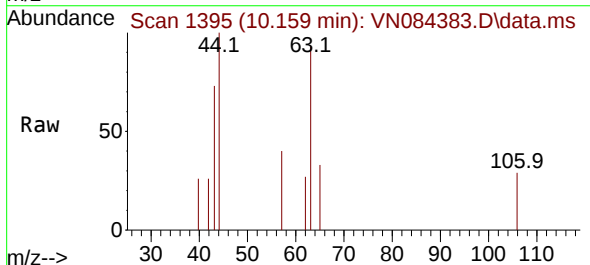
Acq: 10 Oct 2024 12:39

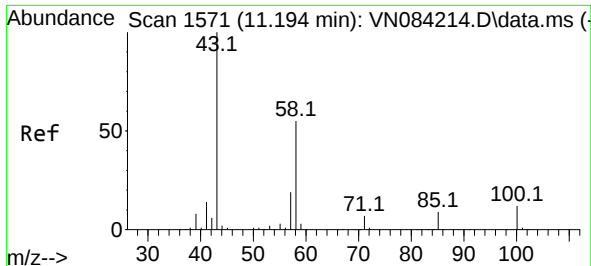
Tgt Ion: 63 Resp: 985

Ion Ratio Lower Upper

63 100

106 23.7 21.8 32.6





#59

2-Hexanone

Concen: 0.991 ug/l

RT: 11.194 min Scan# 1571

Delta R.T. -0.000 min

Lab File: VN084383.D

Acq: 10 Oct 2024 12:39

Instrument :

MSVOA\_N

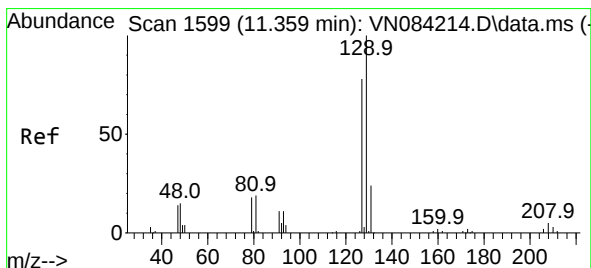
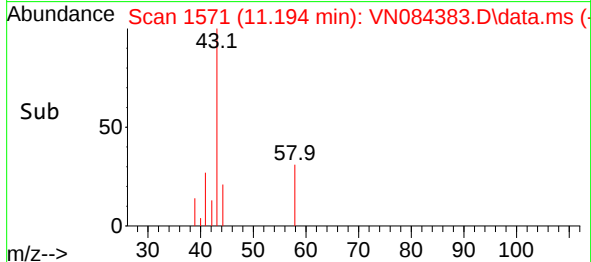
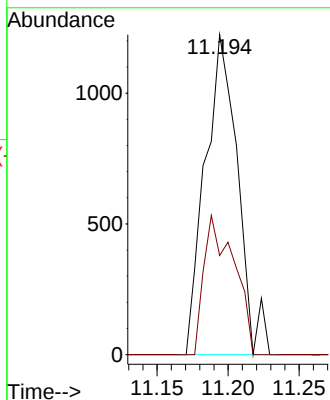
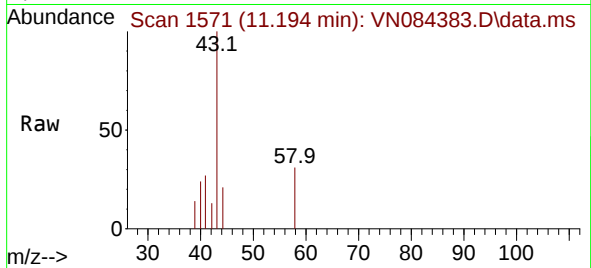
ClientSampleId :

Tgt Ion: 43 Resp: 1947

Ion Ratio Lower Upper

43 100

58 40.4 27.3 81.8



#60

Dibromochloromethane

Concen: 0.187 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. -0.000 min

Lab File: VN084383.D

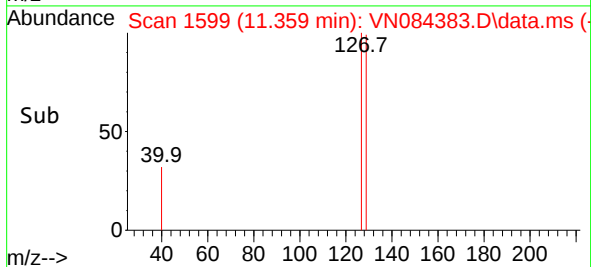
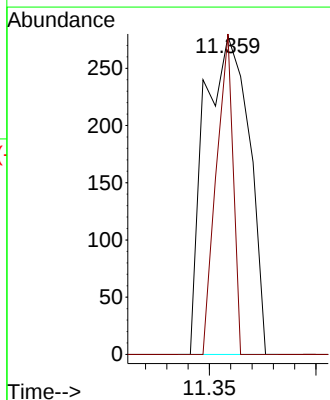
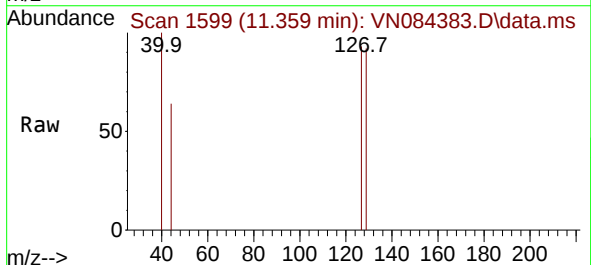
Acq: 10 Oct 2024 12:39

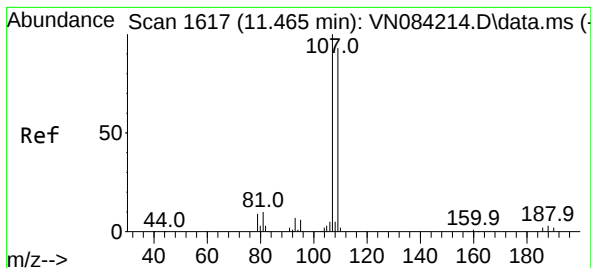
Tgt Ion: 129 Resp: 404

Ion Ratio Lower Upper

129 100

127 37.9 38.3 114.9#





#61

1,2-Dibromoethane

Concen: 0.193 ug/l

RT: 11.470 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN084383.D

Acq: 10 Oct 2024 12:39

Instrument :

MSVOA\_N

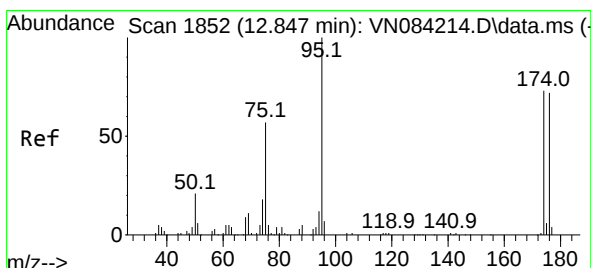
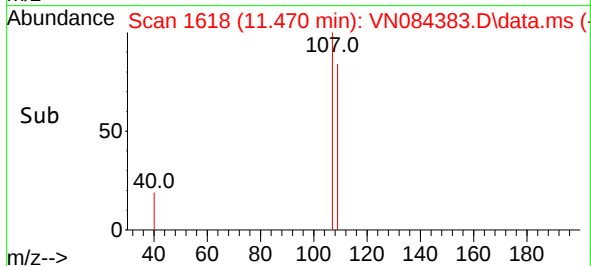
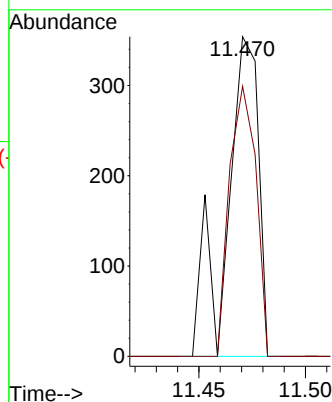
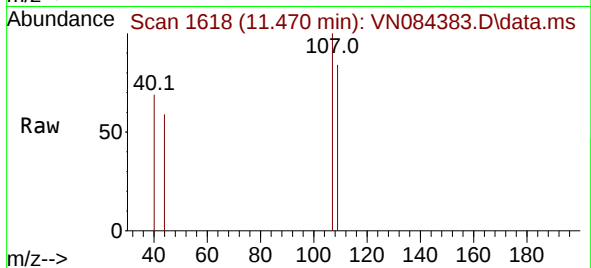
ClientSampleId :

Tgt Ion:107 Resp: 368

Ion Ratio Lower Upper

107 100

109 70.7 75.4 113.0#



#62

4-Bromofluorobenzene

Concen: 44.032 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084383.D

Acq: 10 Oct 2024 12:39

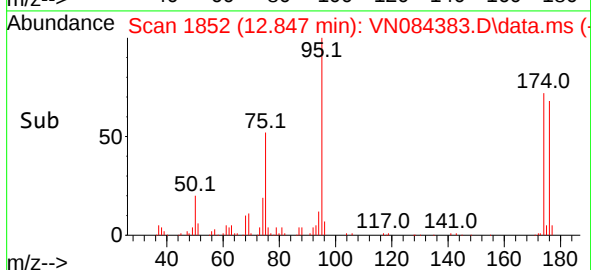
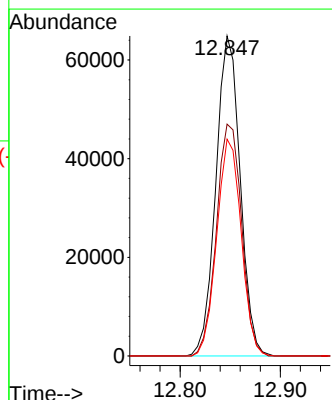
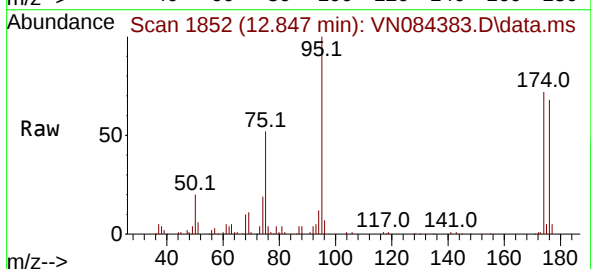
Tgt Ion: 95 Resp: 109306

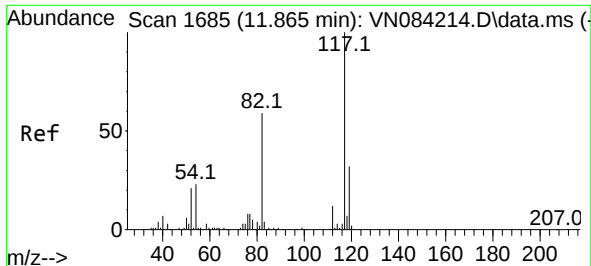
Ion Ratio Lower Upper

95 100

174 75.0 0.0 145.2

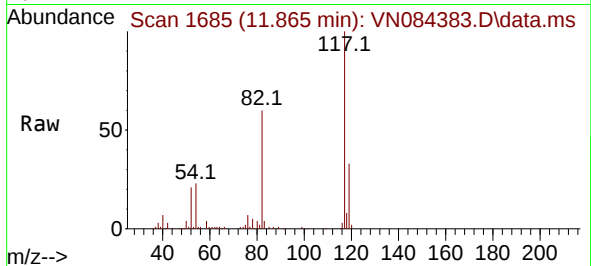
176 68.1 0.0 140.0



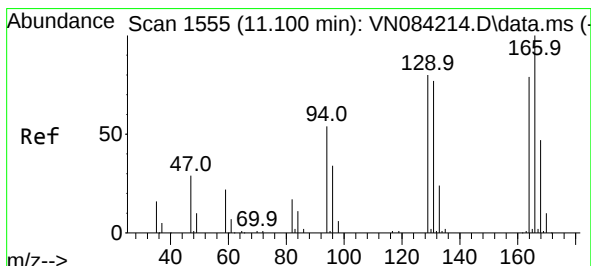
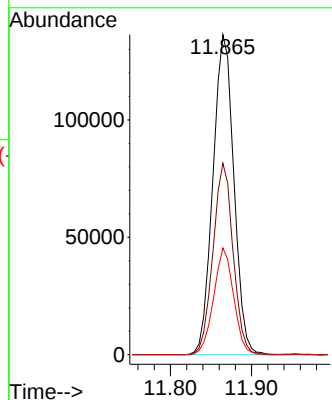
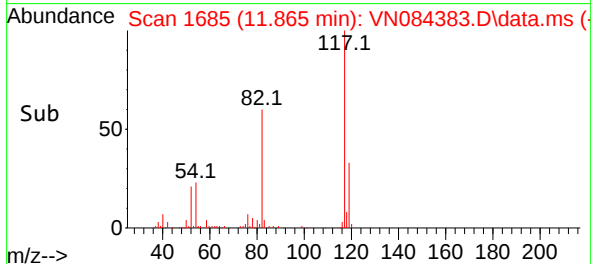


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN084383.D  
Acq: 10 Oct 2024 12:39

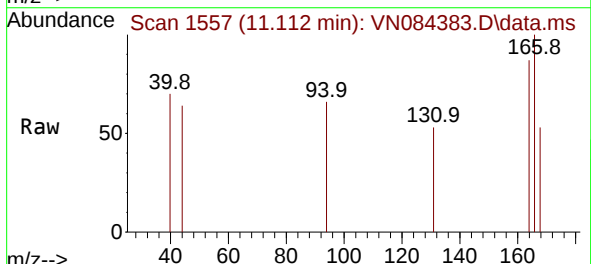
Instrument :  
MSVOA\_N  
ClientSampleId :



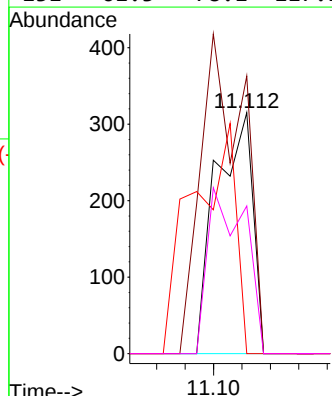
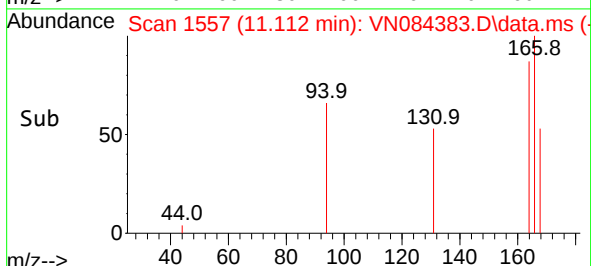
Tgt Ion:117 Resp: 244426  
Ion Ratio Lower Upper  
117 100  
82 59.8 47.2 70.8  
119 33.3 25.4 38.0

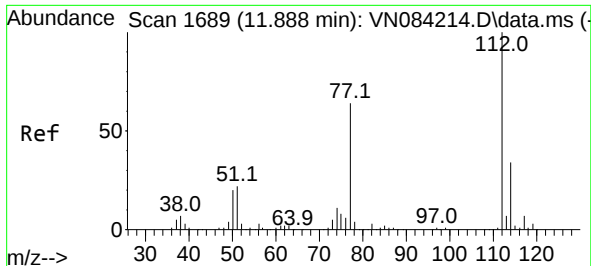


#64  
Tetrachloroethene  
Concen: 0.166 ug/l  
RT: 11.112 min Scan# 1557  
Delta R.T. 0.012 min  
Lab File: VN084383.D  
Acq: 10 Oct 2024 12:39



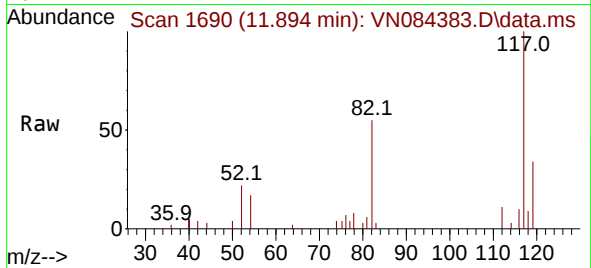
Tgt Ion:164 Resp: 282  
Ion Ratio Lower Upper  
164 100  
166 115.2 101.0 151.4  
129 0.0 80.8 121.2#  
131 61.3 78.1 117.1#



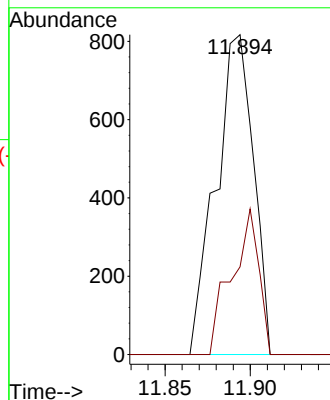
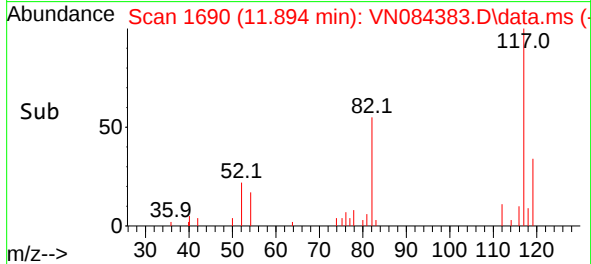


#65  
Chlorobenzene  
Concen: 0.232 ug/l  
RT: 11.894 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN084383.D  
Acq: 10 Oct 2024 12:39

Instrument :  
MSVOA\_N  
ClientSampleId :

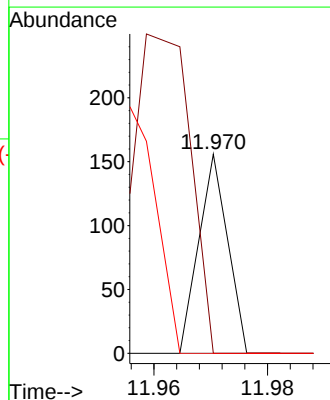
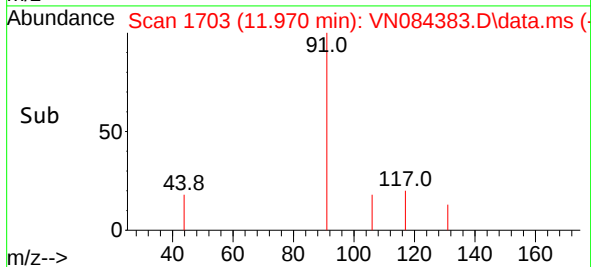
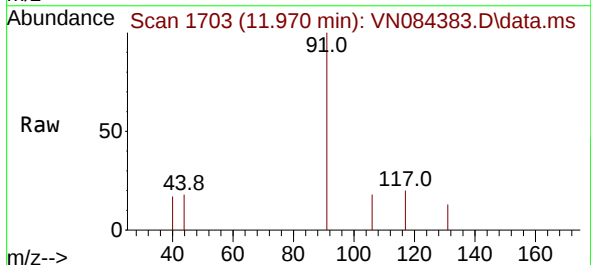


Tgt Ion:112 Resp: 1255  
Ion Ratio Lower Upper  
112 100  
114 27.4 27.0 40.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 0.029 ug/l  
RT: 11.970 min Scan# 1703  
Delta R.T. 0.012 min  
Lab File: VN084383.D  
Acq: 10 Oct 2024 12:39

Tgt Ion:131 Resp: 55  
Ion Ratio Lower Upper  
131 100  
133 445.5 47.9 143.7#  
119 0.0 32.8 98.3#

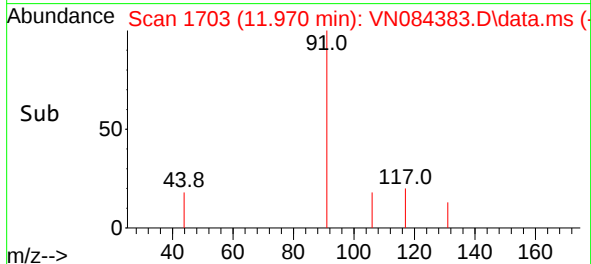
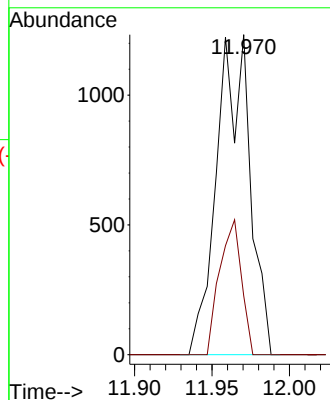
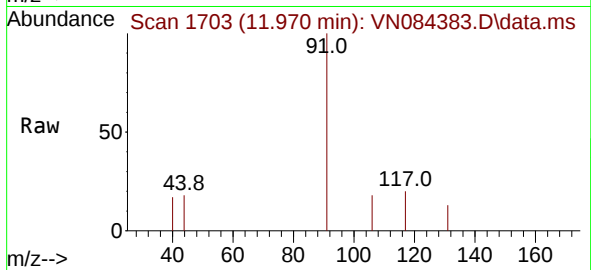




#67  
Ethyl Benzene  
Concen: 0.190 ug/l  
RT: 11.970 min Scan# 1703  
Delta R.T. 0.012 min  
Lab File: VN084383.D  
Acq: 10 Oct 2024 12:39

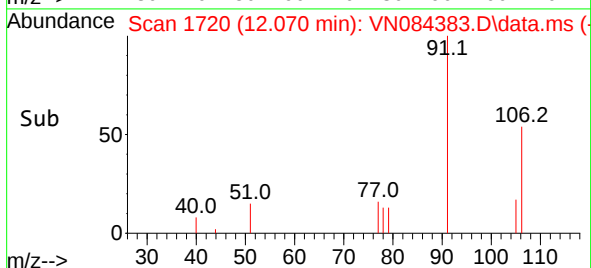
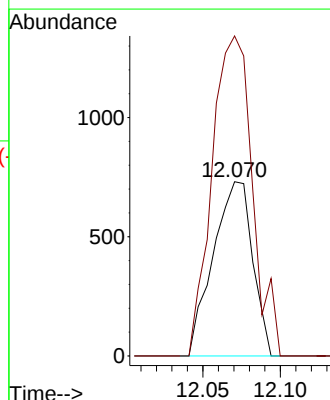
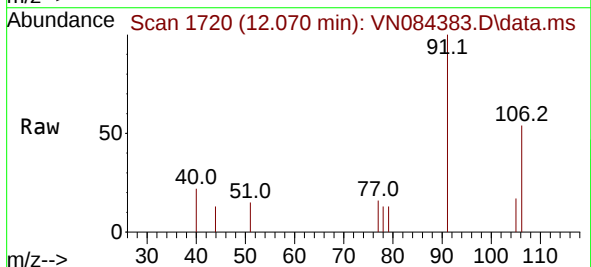
Instrument :  
MSVOA\_N  
ClientSampleId :

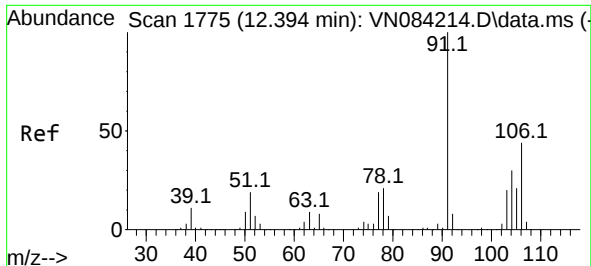
Tgt Ion: 91 Resp: 1817  
Ion Ratio Lower Upper  
91 100  
106 18.4 24.5 36.7#



#68  
m/p-Xylenes  
Concen: 0.364 ug/l  
RT: 12.070 min Scan# 1720  
Delta R.T. -0.000 min  
Lab File: VN084383.D  
Acq: 10 Oct 2024 12:39

Tgt Ion: 106 Resp: 1291  
Ion Ratio Lower Upper  
106 100  
91 188.5 167.1 250.7

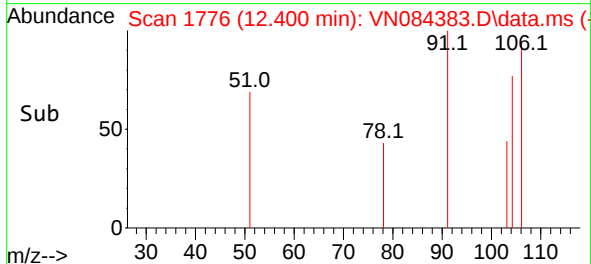
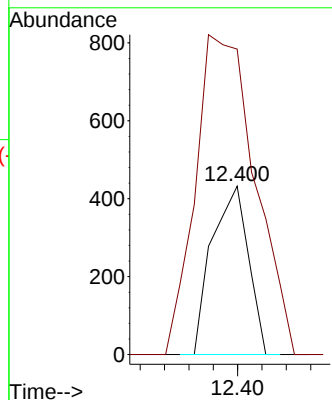
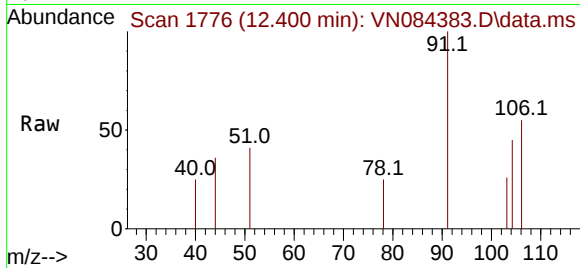




#69  
o-Xylene  
Concen: 0.134 ug/l  
RT: 12.400 min Scan# 1776  
Delta R.T. 0.006 min  
Lab File: VN084383.D  
Acq: 10 Oct 2024 12:39

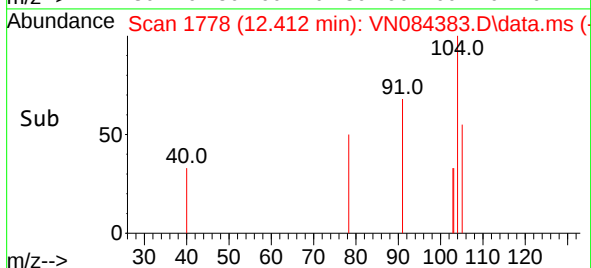
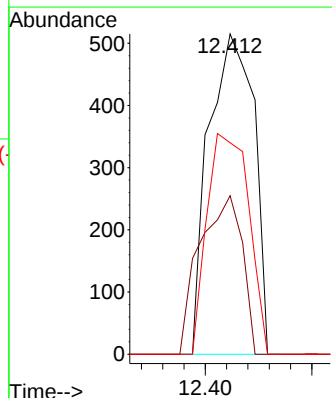
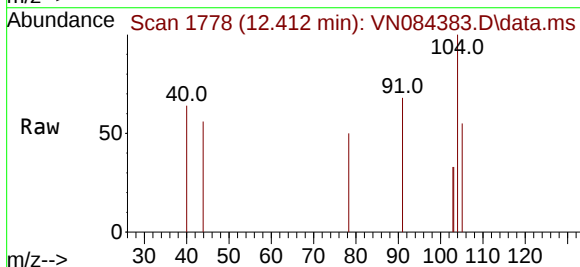
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:106 Resp: 448  
Ion Ratio Lower Upper  
106 100  
91 312.1 110.2 330.6



#70  
Styrene  
Concen: 0.133 ug/l  
RT: 12.412 min Scan# 1778  
Delta R.T. -0.000 min  
Lab File: VN084383.D  
Acq: 10 Oct 2024 12:39

Tgt Ion:104 Resp: 757  
Ion Ratio Lower Upper  
104 100  
78 46.6 42.7 64.1  
103 63.9 43.6 65.4





#71

Bromoform

Concen: 0.236 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.006 min

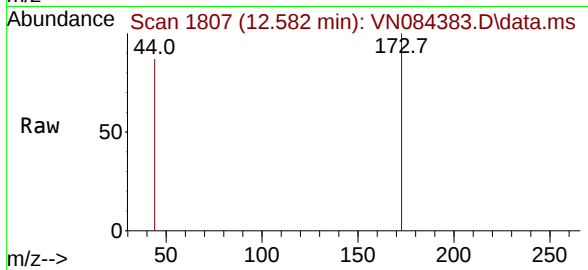
Lab File: VN084383.D

Acq: 10 Oct 2024 12:39

Instrument :

MSVOA\_N

ClientSampleId :



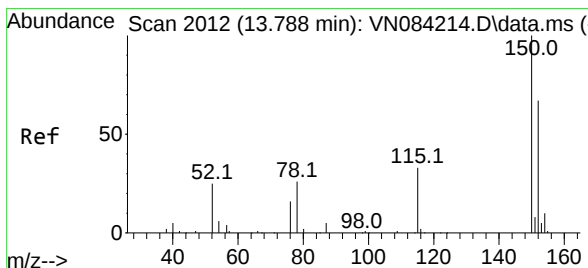
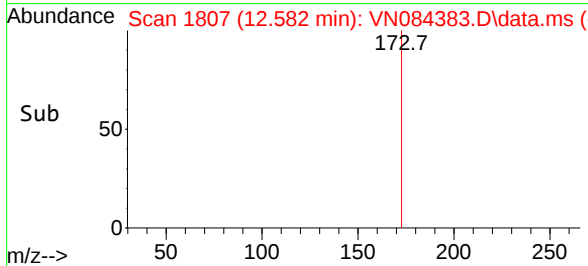
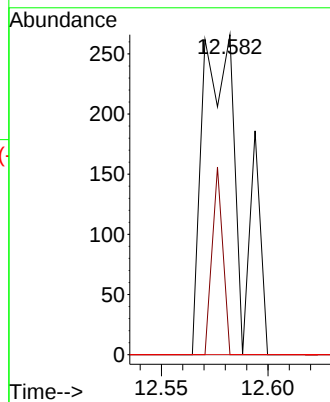
Tgt Ion:173 Resp: 325

Ion Ratio Lower Upper

173 100

175 0.0 23.5 70.6#

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: VN084383.D

Acq: 10 Oct 2024 12:39

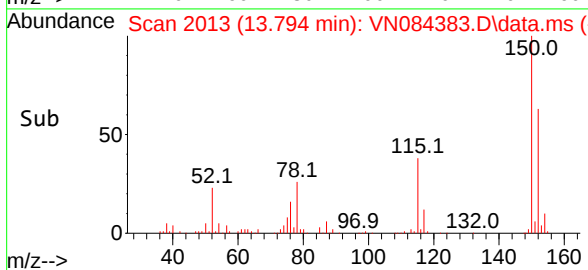
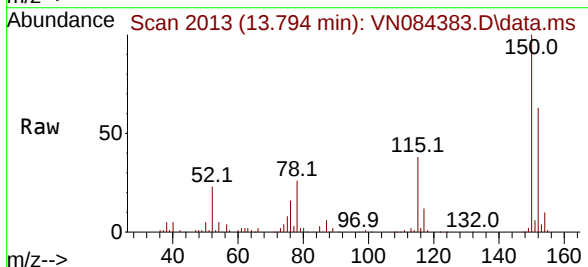
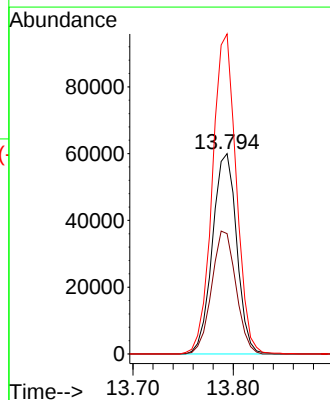
Tgt Ion:152 Resp: 100875

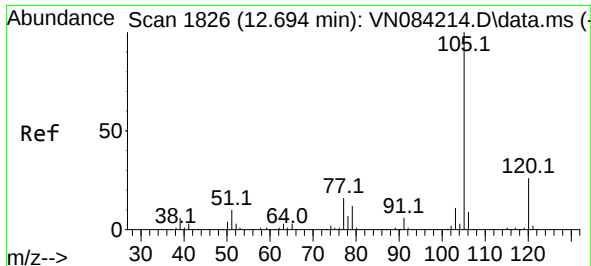
Ion Ratio Lower Upper

152 100

115 61.5 31.3 93.9

150 157.3 0.0 349.8

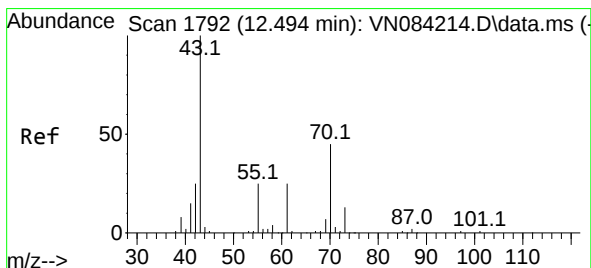
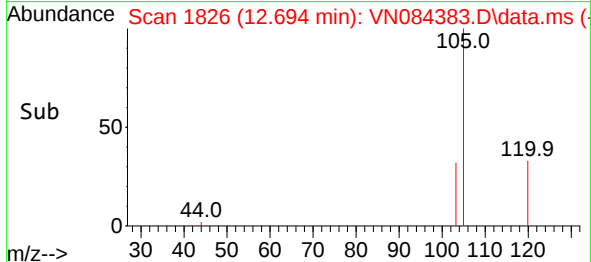
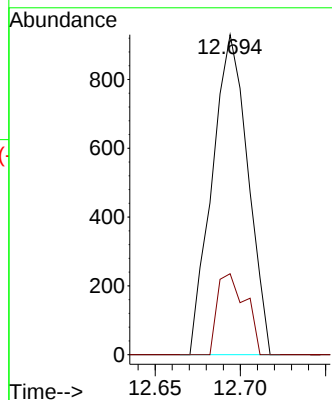
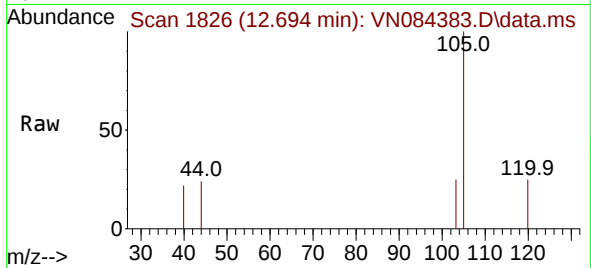




#73  
Isopropylbenzene  
Concen: 0.177 ug/l  
RT: 12.694 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN084383.D  
Acq: 10 Oct 2024 12:39

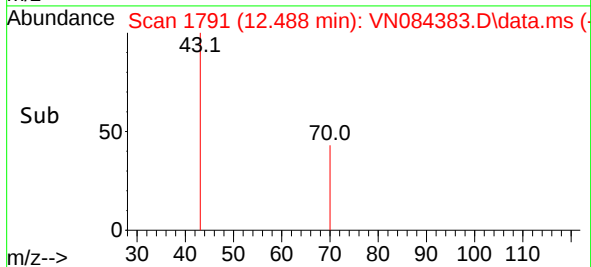
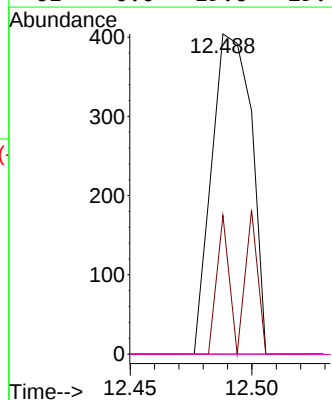
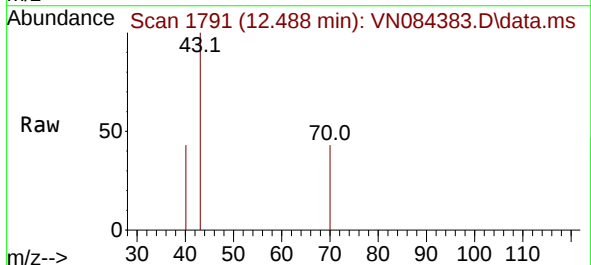
Instrument :  
MSVOA\_N  
ClientSampleId :

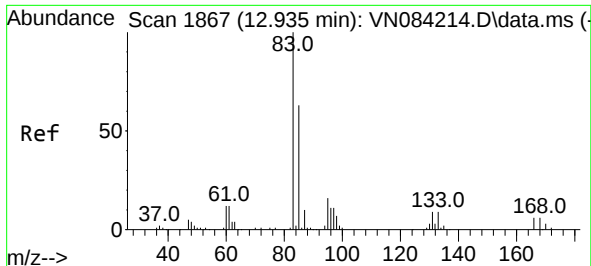
Tgt Ion:105 Resp: 1359  
Ion Ratio Lower Upper  
105 100  
120 19.9 12.9 38.7



#74  
N-ethyl acetate  
Concen: 0.131 ug/l  
RT: 12.488 min Scan# 1791  
Delta R.T. -0.006 min  
Lab File: VN084383.D  
Acq: 10 Oct 2024 12:39

Tgt Ion: 43 Resp: 458  
Ion Ratio Lower Upper  
43 100  
70 27.5 34.4 51.6#  
55 0.0 19.6 29.4#  
61 0.0 19.6 29.4#

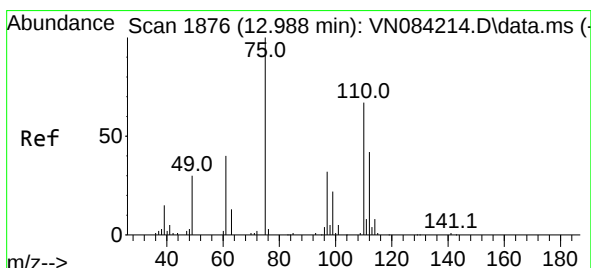
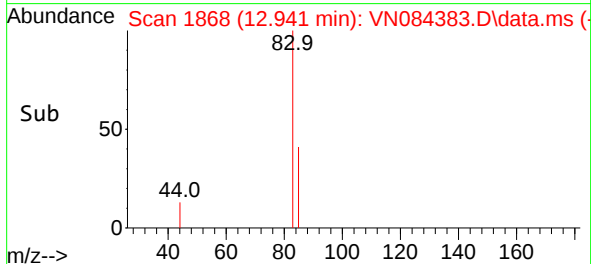
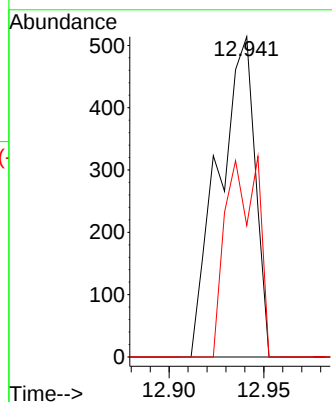
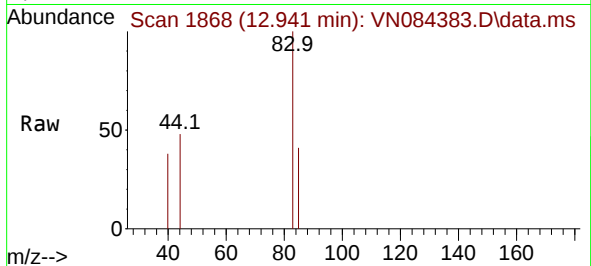




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 0.299 ug/l  
 RT: 12.941 min Scan# 1868  
 Delta R.T. 0.006 min  
 Lab File: VN084383.D  
 Acq: 10 Oct 2024 12:39

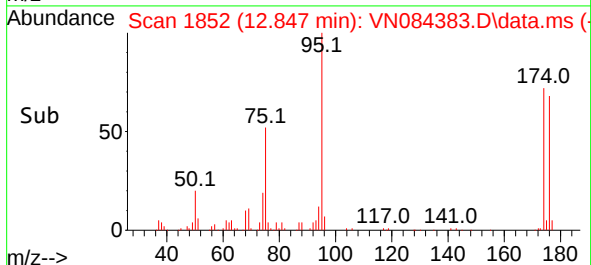
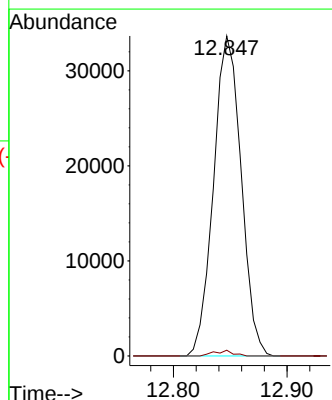
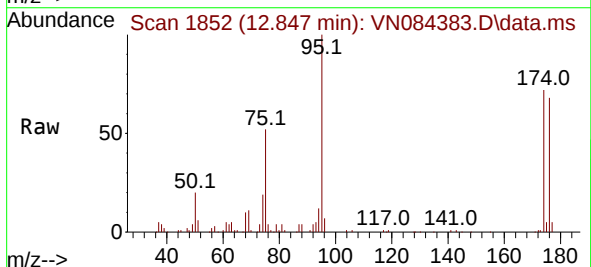
Instrument :  
 MSVOA\_N  
 ClientSampleId :

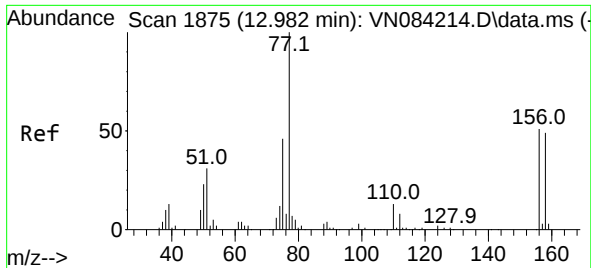
Tgt Ion: 83 Resp: 691  
 Ion Ratio Lower Upper  
 83 100  
 131 0.0 4.9 14.7#  
 85 55.1 31.9 95.7



#76  
 1,2,3-Trichloropropane  
 Concen: 27.611 ug/l  
 RT: 12.847 min Scan# 1852  
 Delta R.T. -0.141 min  
 Lab File: VN084383.D  
 Acq: 10 Oct 2024 12:39

Tgt Ion: 75 Resp: 56861  
 Ion Ratio Lower Upper  
 75 100  
 77 1.2 96.9 290.7#

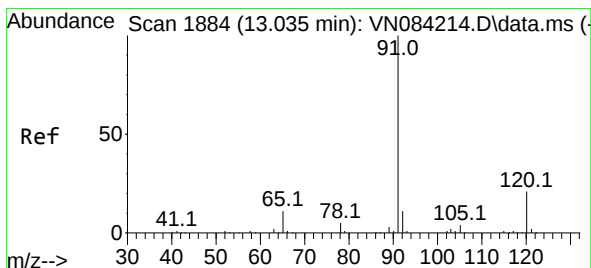
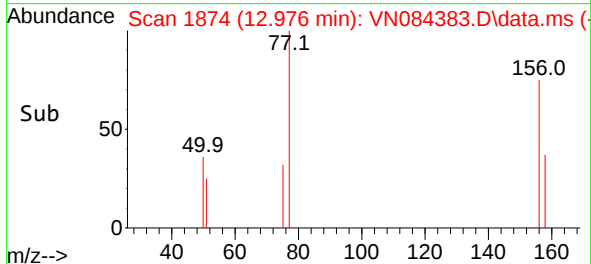
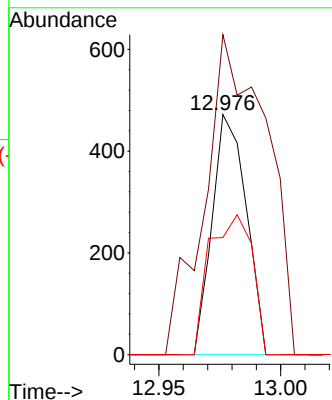
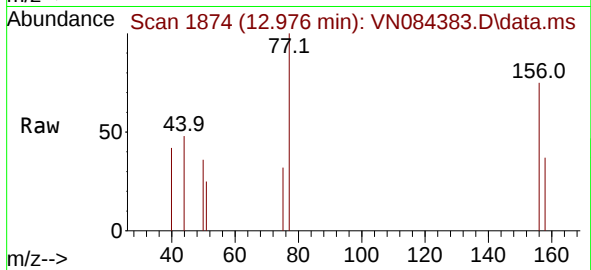




#77  
Bromobenzene  
Concen: 0.247 ug/l  
RT: 12.976 min Scan# 1874  
Delta R.T. -0.006 min  
Lab File: VN084383.D  
Acq: 10 Oct 2024 12:39

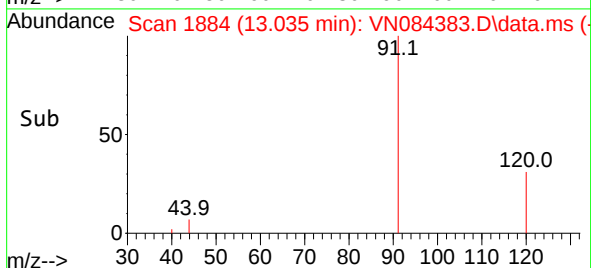
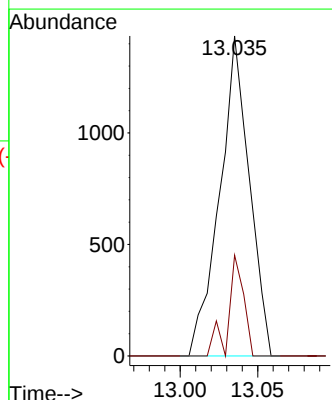
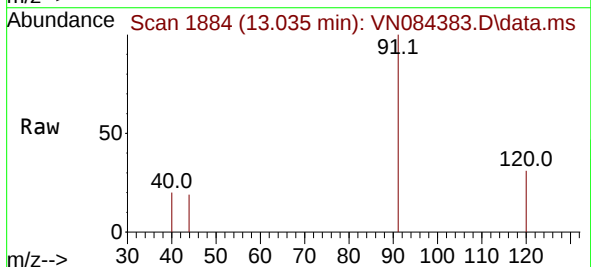
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:156 Resp: 459  
Ion Ratio Lower Upper  
156 100  
77 242.7 115.1 345.3  
158 73.2 48.9 146.8



#78  
n-propylbenzene  
Concen: 0.214 ug/l  
RT: 13.035 min Scan# 1884  
Delta R.T. -0.000 min  
Lab File: VN084383.D  
Acq: 10 Oct 2024 12:39

Tgt Ion: 91 Resp: 1910  
Ion Ratio Lower Upper  
91 100  
120 16.4 10.8 32.4





#79

2-Chlorotoluene

Concen: 0.259 ug/l

RT: 13.217 min Scan# 1915

Delta R.T. 0.094 min

Lab File: VN084383.D

Acq: 10 Oct 2024 12:39

Instrument :

MSVOA\_N

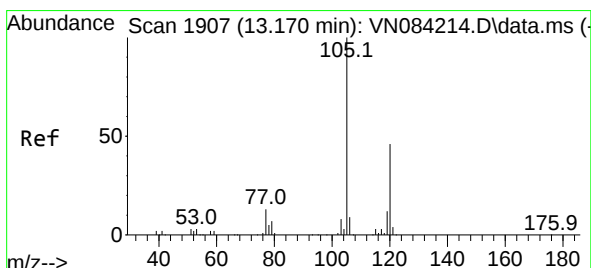
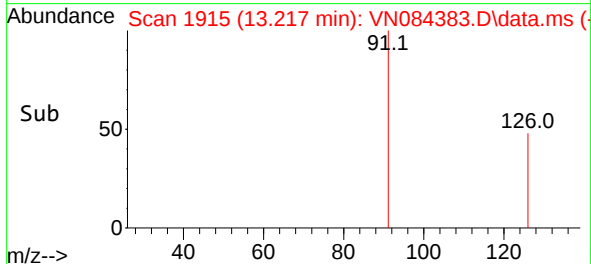
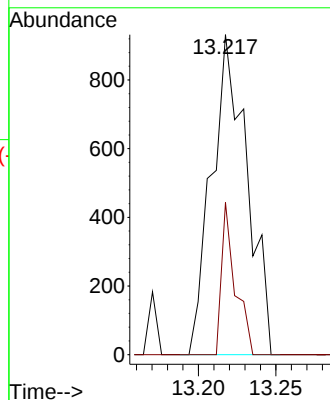
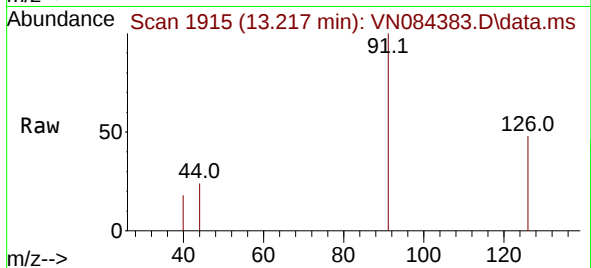
ClientSampleId :

Tgt Ion: 91 Resp: 1472

Ion Ratio Lower Upper

91 100

126 18.5 15.7 47.1



#80

1,3,5-Trimethylbenzene

Concen: 0.155 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN084383.D

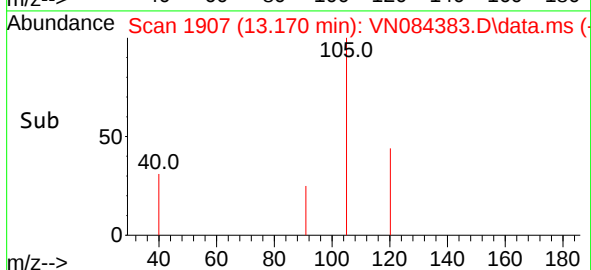
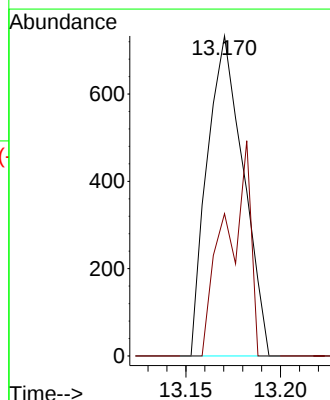
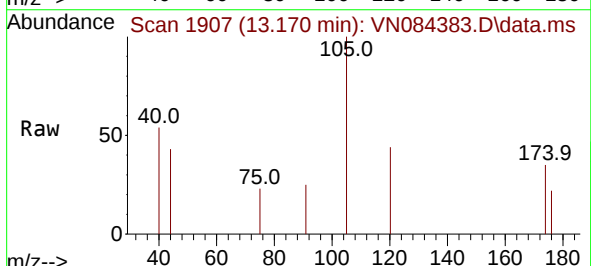
Acq: 10 Oct 2024 12:39

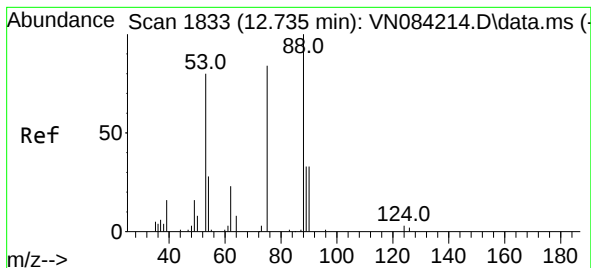
Tgt Ion: 105 Resp: 972

Ion Ratio Lower Upper

105 100

120 45.8 23.7 71.1

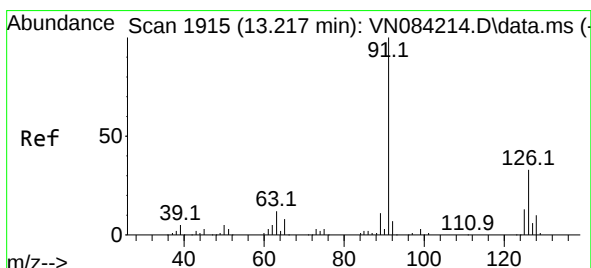
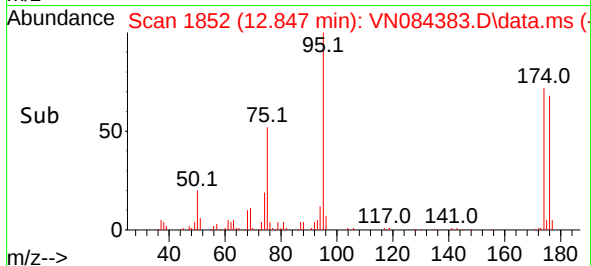
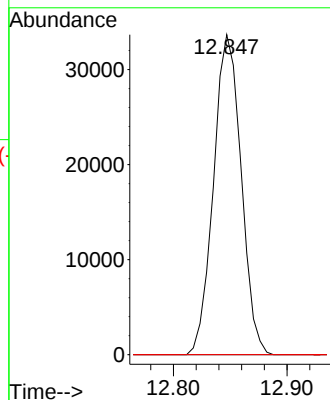
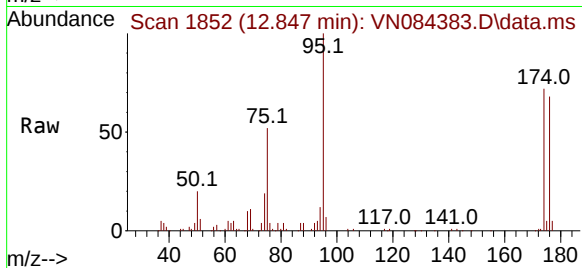




#81  
trans-1,4-Dichloro-2-butene  
Concen: 66.195 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. 0.112 min  
Lab File: VN084383.D  
Acq: 10 Oct 2024 12:39

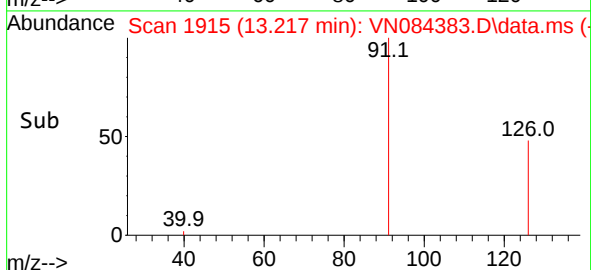
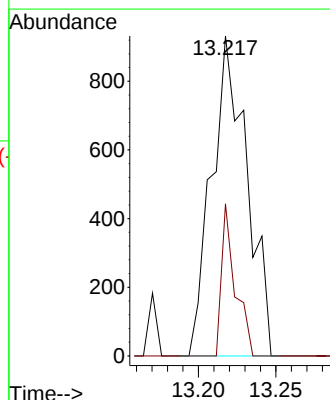
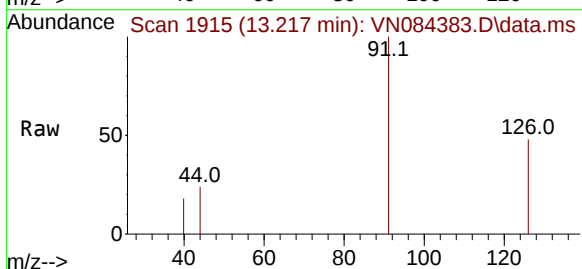
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 75 Resp: 56861  
Ion Ratio Lower Upper  
75 100  
53 0.0 78.0 117.0#  
89 0.0 35.5 53.3#



#82  
4-Chlorotoluene  
Concen: 0.257 ug/l  
RT: 13.217 min Scan# 1915  
Delta R.T. -0.000 min  
Lab File: VN084383.D  
Acq: 10 Oct 2024 12:39

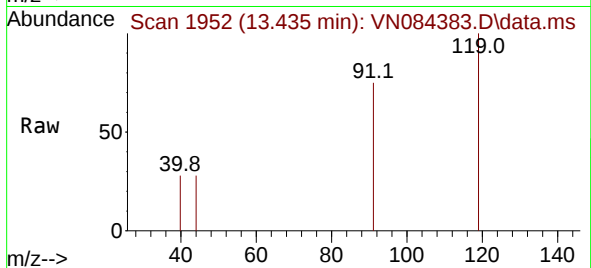
Tgt Ion: 91 Resp: 1472  
Ion Ratio Lower Upper  
91 100  
126 18.5 15.7 47.1



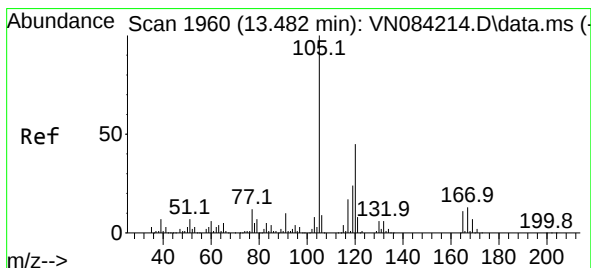
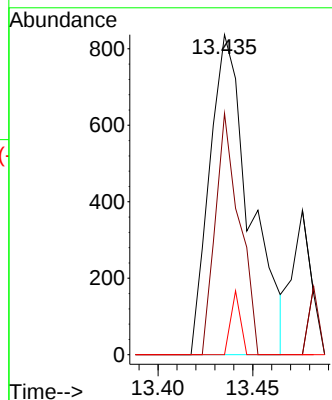
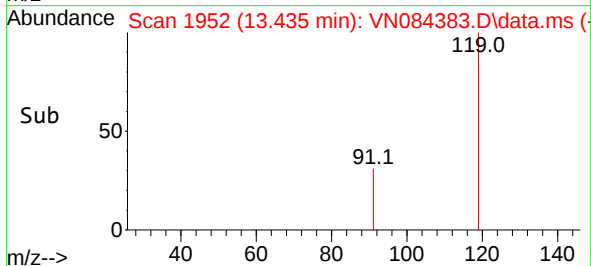


#83  
tert-Butylbenzene  
Concen: 0.223 ug/l  
RT: 13.435 min Scan# 1952  
Delta R.T. -0.000 min  
Lab File: VN084383.D  
Acq: 10 Oct 2024 12:39

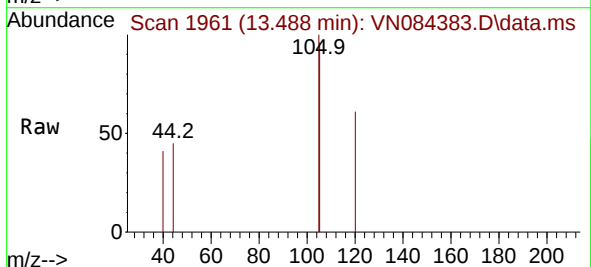
Instrument :  
MSVOA\_N  
ClientSampleId :



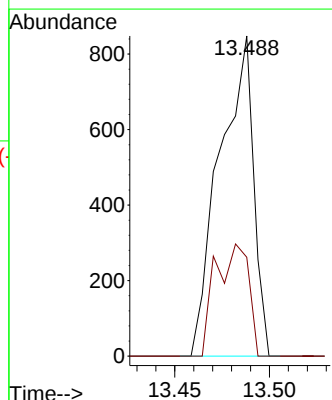
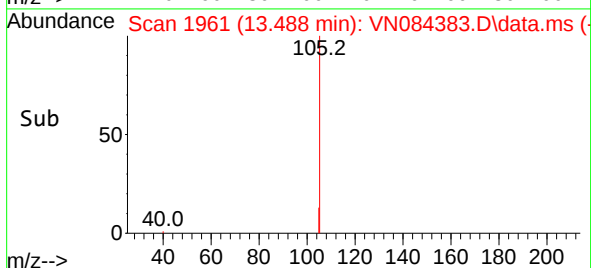
Tgt Ion:119 Resp: 1244  
Ion Ratio Lower Upper  
119 100  
91 45.0 34.1 102.3  
134 4.7 12.8 38.4#



#84  
1,2,4-Trimethylbenzene  
Concen: 0.166 ug/l  
RT: 13.488 min Scan# 1961  
Delta R.T. 0.006 min  
Lab File: VN084383.D  
Acq: 10 Oct 2024 12:39



Tgt Ion:105 Resp: 1052  
Ion Ratio Lower Upper  
105 100  
120 34.1 22.3 66.8

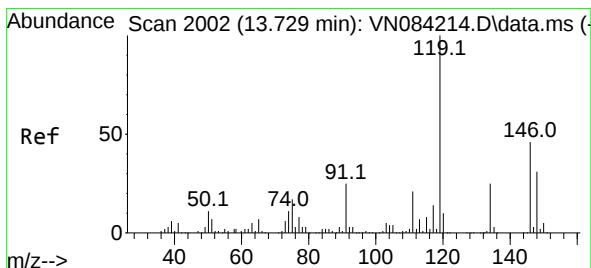
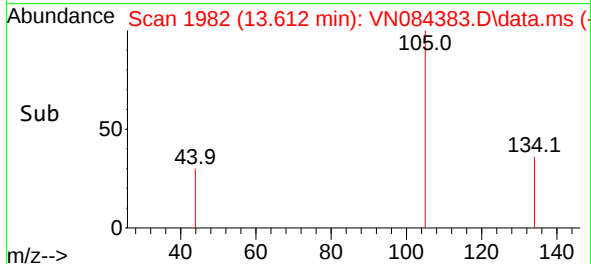
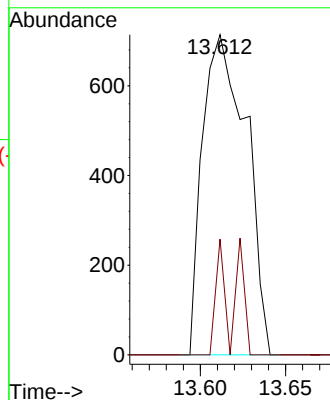
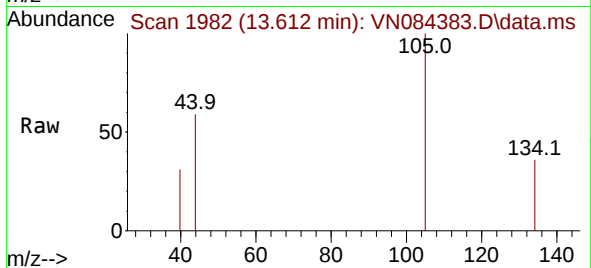




#85  
 sec-Butylbenzene  
 Concen: 0.171 ug/l  
 RT: 13.612 min Scan# 1983  
 Delta R.T. -0.006 min  
 Lab File: VN084383.D  
 Acq: 10 Oct 2024 12:39

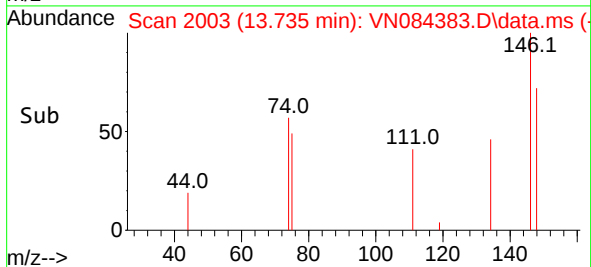
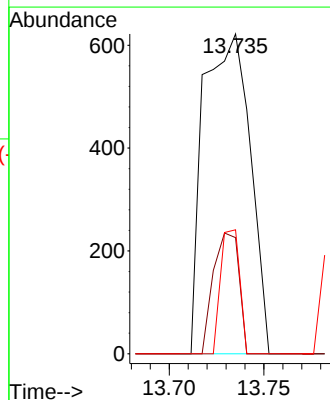
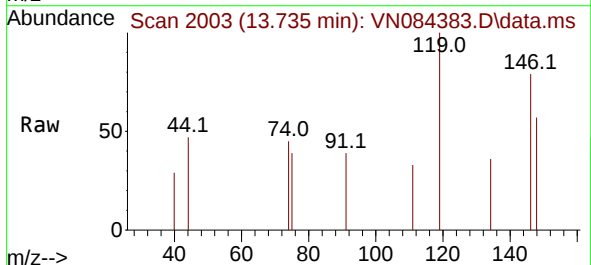
Instrument :  
 MSVOA\_N  
 ClientSampleId :

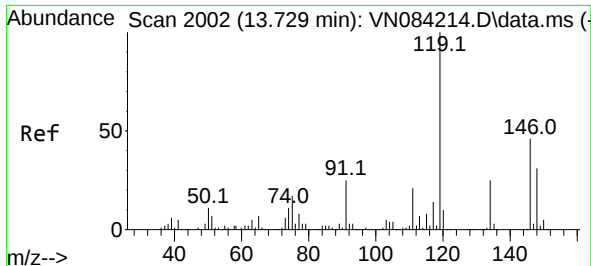
Tgt Ion:105 Resp: 1273  
 Ion Ratio Lower Upper  
 105 100  
 134 14.4 9.8 29.4



#86  
 p-Isopropyltoluene  
 Concen: 0.172 ug/l  
 RT: 13.735 min Scan# 2003  
 Delta R.T. 0.006 min  
 Lab File: VN084383.D  
 Acq: 10 Oct 2024 12:39

Tgt Ion:119 Resp: 1060  
 Ion Ratio Lower Upper  
 119 100  
 134 20.8 12.6 37.8  
 91 15.8 12.4 37.2

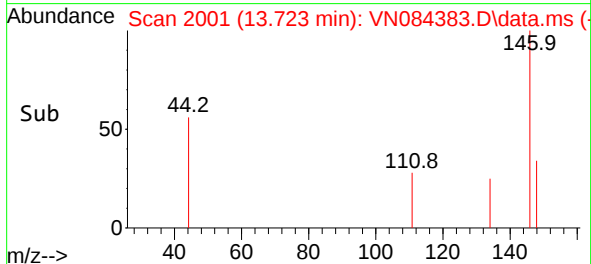
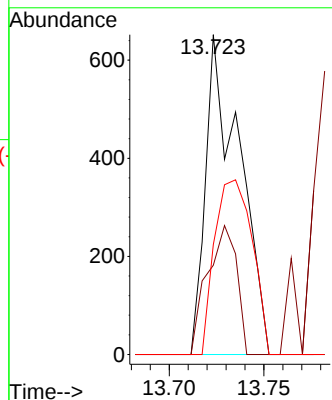
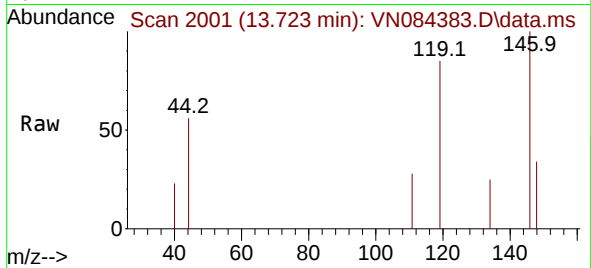




#87  
 1,3-Dichlorobenzene  
 Concen: 0.231 ug/l  
 RT: 13.723 min Scan# 2001  
 Delta R.T. -0.006 min  
 Lab File: VN084383.D  
 Acq: 10 Oct 2024 12:39

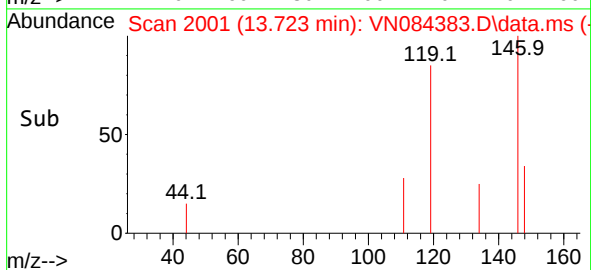
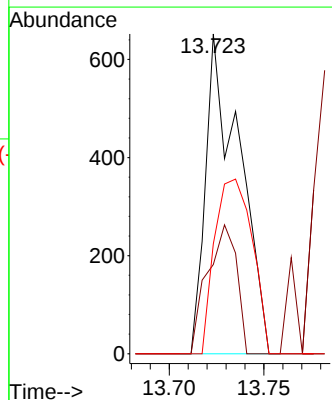
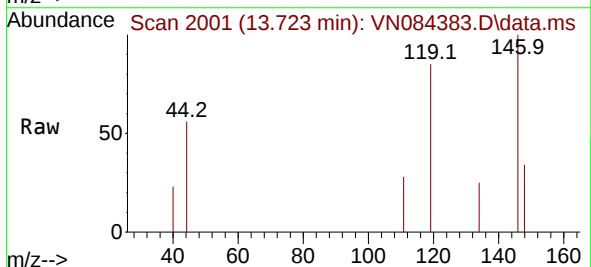
Instrument :  
 MSVOA\_N  
 ClientSampleId :

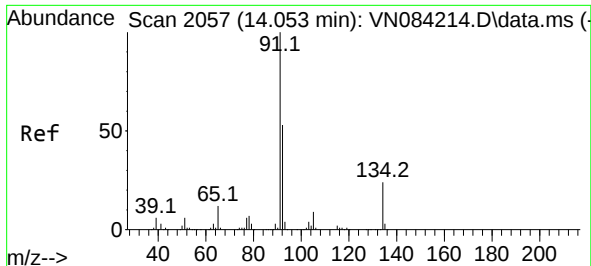
Tgt Ion:146 Resp: 806  
 Ion Ratio Lower Upper  
 146 100  
 111 35.0 21.8 65.3  
 148 60.9 31.9 95.7



#88  
 1,4-Dichlorobenzene  
 Concen: 0.229 ug/l  
 RT: 13.723 min Scan# 2001  
 Delta R.T. -0.088 min  
 Lab File: VN084383.D  
 Acq: 10 Oct 2024 12:39

Tgt Ion:146 Resp: 806  
 Ion Ratio Lower Upper  
 146 100  
 111 35.0 21.2 63.6  
 148 60.9 31.9 95.9





#89

n-Butylbenzene

Concen: 0.184 ug/l

RT: 14.047 min Scan# 2056

Delta R.T. -0.006 min

Lab File: VN084383.D

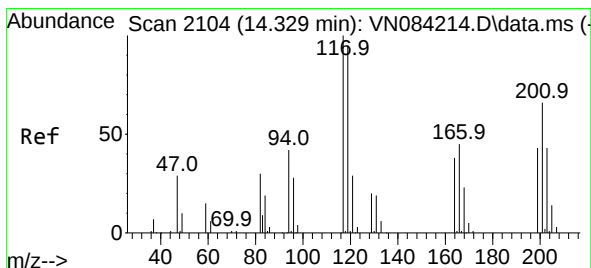
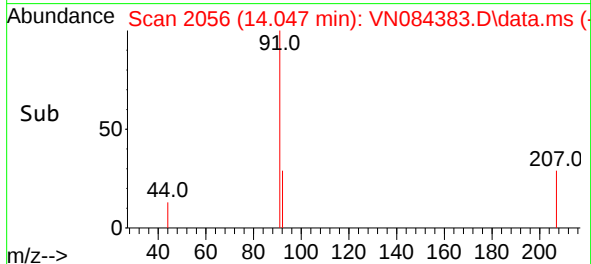
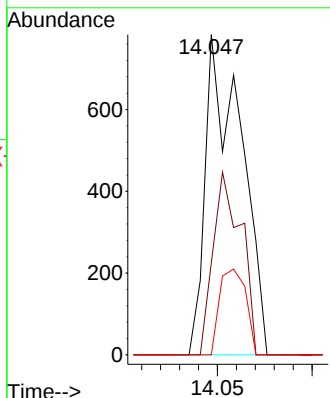
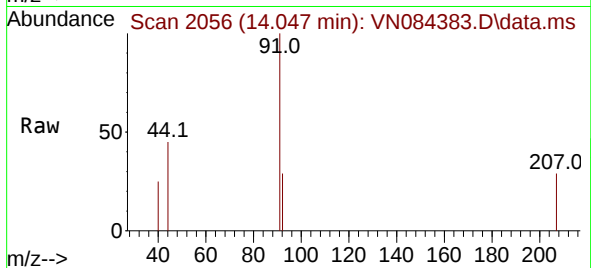
Acq: 10 Oct 2024 12:39

Instrument :

MSVOA\_N

ClientSampleId :

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 91 | Resp: | 1028        |
| Ion         | Ratio | Lower Upper |
| 91          | 100   |             |
| 92          | 44.7  | 26.6 79.7   |
| 134         | 19.6  | 12.3 36.9   |



#90

Hexachloroethane

Concen: 0.042 ug/l

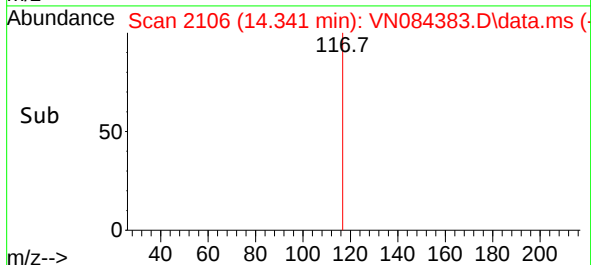
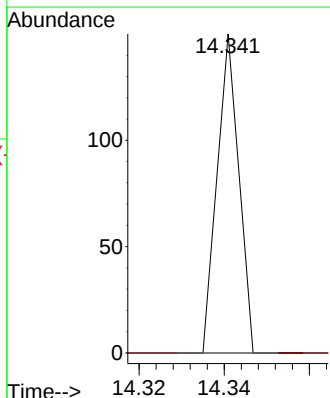
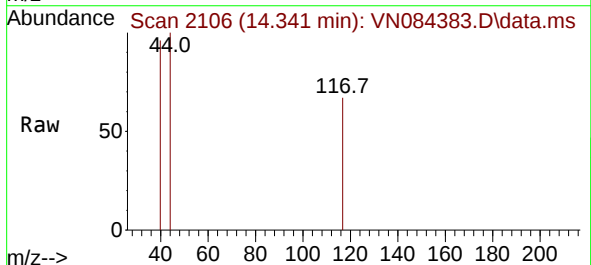
RT: 14.341 min Scan# 2106

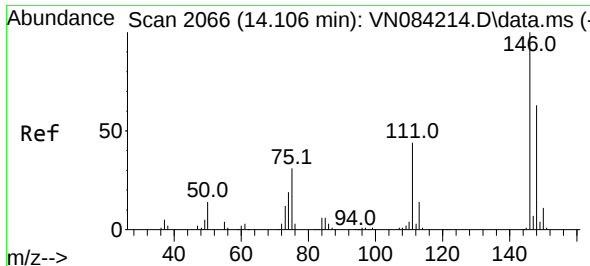
Delta R.T. 0.012 min

Lab File: VN084383.D

Acq: 10 Oct 2024 12:39

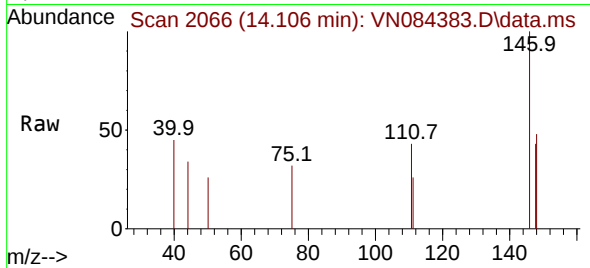
|              |       |             |
|--------------|-------|-------------|
| Tgt Ion: 117 | Resp: | 53          |
| Ion          | Ratio | Lower Upper |
| 117          | 100   |             |
| 201          | 0.0   | 34.4 103.2# |



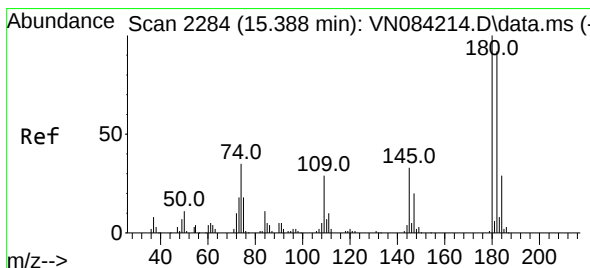
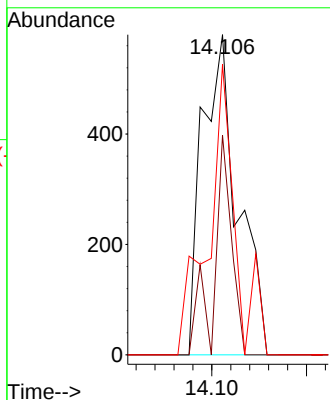
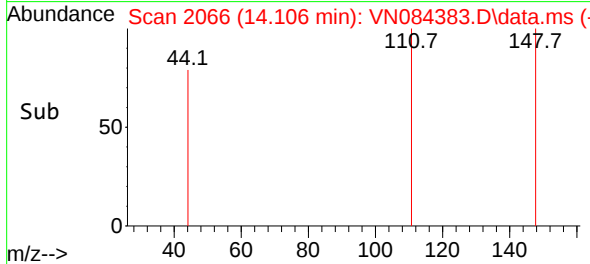


#91  
1,2-Dichlorobenzene  
Concen: 0.221 ug/l  
RT: 14.106 min Scan# 2066  
Delta R.T. -0.000 min  
Lab File: VN084383.D  
Acq: 10 Oct 2024 12:39

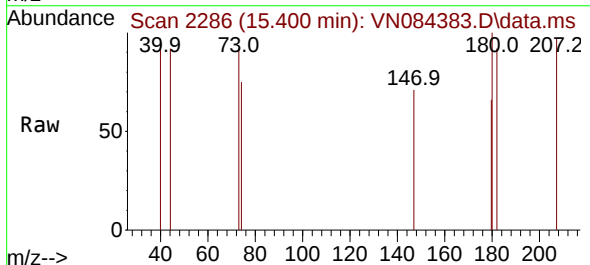
Instrument :  
MSVOA\_N  
ClientSampleId :



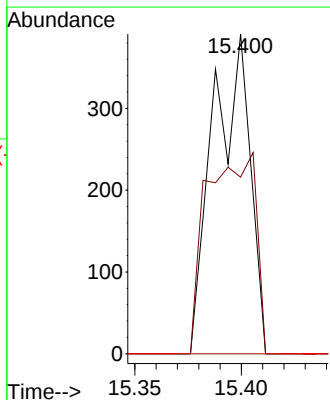
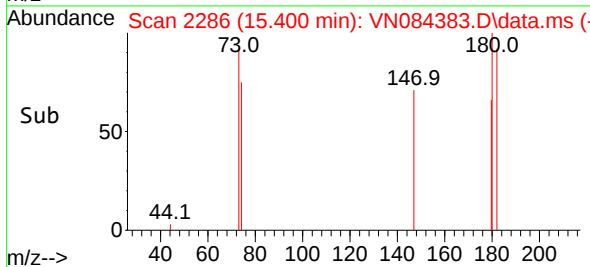
Tgt Ion:146 Resp: 754  
Ion Ratio Lower Upper  
146 100  
111 34.2 22.0 66.0  
148 69.9 32.1 96.3

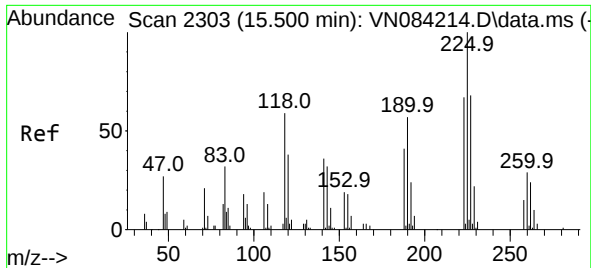


#93  
1,2,4-Trichlorobenzene  
Concen: 0.280 ug/l  
RT: 15.400 min Scan# 2286  
Delta R.T. 0.012 min  
Lab File: VN084383.D  
Acq: 10 Oct 2024 12:39



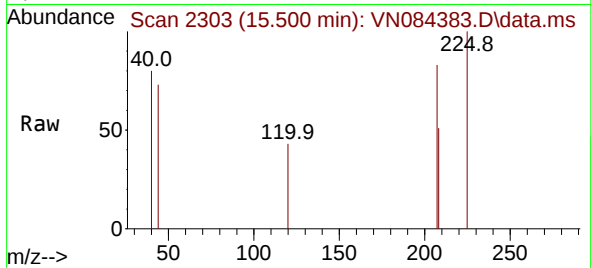
Tgt Ion:180 Resp: 471  
Ion Ratio Lower Upper  
180 100  
182 83.2 47.0 141.0  
145 0.0 16.4 49.4#



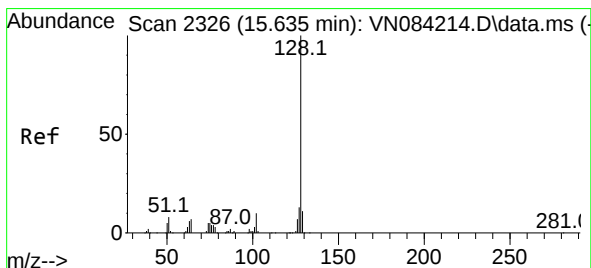
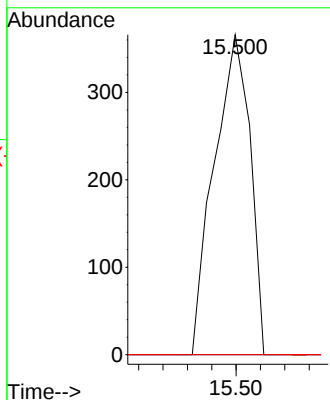
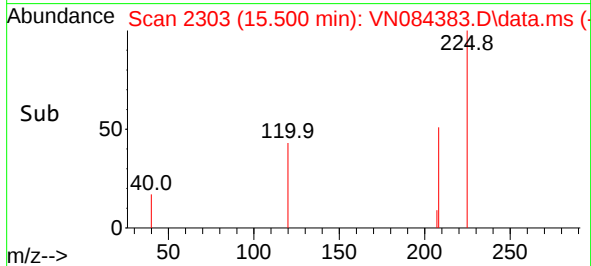


#94  
Hexachlorobutadiene  
Concen: 0.446 ug/l  
RT: 15.500 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN084383.D  
Acq: 10 Oct 2024 12:39

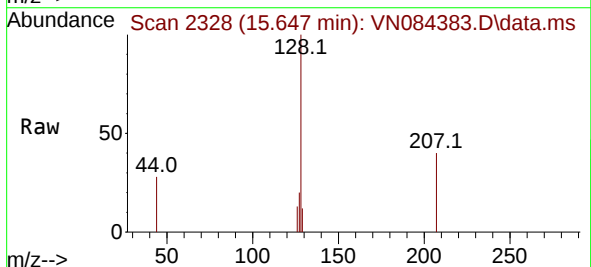
Instrument :  
MSVOA\_N  
ClientSampleId :



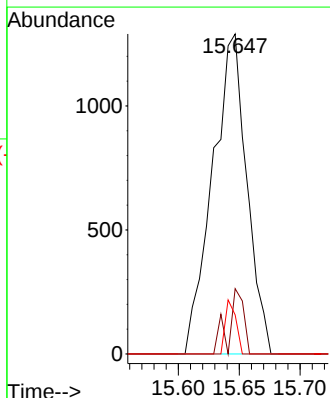
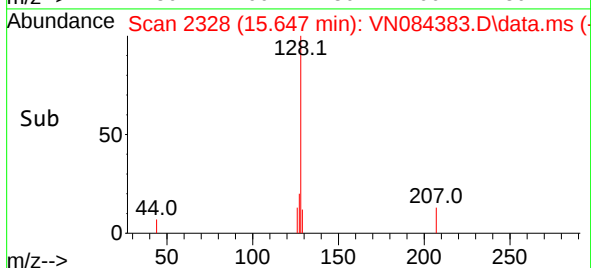
Tgt Ion:225 Resp: 374  
Ion Ratio Lower Upper  
225 100  
223 0.0 32.4 97.2#  
227 0.0 32.4 97.0#

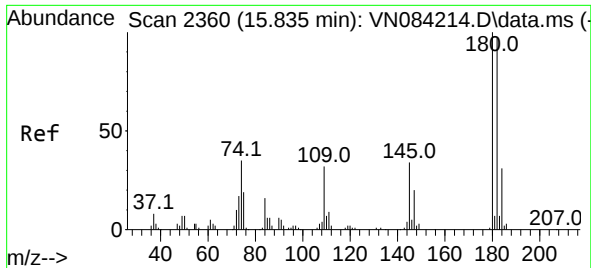


#95  
Naphthalene  
Concen: 0.453 ug/l  
RT: 15.647 min Scan# 2328  
Delta R.T. 0.012 min  
Lab File: VN084383.D  
Acq: 10 Oct 2024 12:39



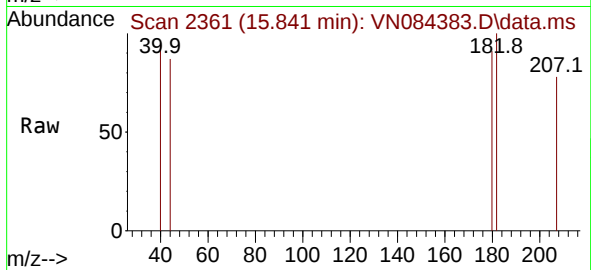
Tgt Ion:128 Resp: 2528  
Ion Ratio Lower Upper  
128 100  
127 8.9 10.5 15.7#  
129 5.2 8.7 13.1#





#96  
 1,2,3-Trichlorobenzene  
 Concen: 0.202 ug/l  
 RT: 15.841 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: VN084383.D  
 Acq: 10 Oct 2024 12:39

Instrument :  
 MSVOA\_N  
 ClientSampleId :



Tgt Ion:180 Resp: 340  
 Ion Ratio Lower Upper  
 180 100  
 182 70.6 48.2 144.6  
 145 0.0 17.3 51.9#

