

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN090424\  
 Data File : VN083641.D  
 Acq On : 04 Sep 2024 11:41  
 Operator : JC\MD  
 Sample : VN0904MBS01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Sep 05 01:52:09 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N083024W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Aug 31 00:48:10 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.218  | 168  | 170884   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.100  | 114  | 298401   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 261466   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.788 | 152  | 129704   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.577  | 65    | 142692   | 59.747   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 119.500% |      |
| 35) Dibromofluoromethane    | 8.165  | 113   | 104254   | 58.048   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 116.100% |      |
| 50) Toluene-d8              | 10.565 | 98    | 380130   | 54.192   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 108.380% |      |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 150447   | 58.068   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | = 116.140% |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.124 | 85  | 35399  | 19.573  | ug/l   | 98  |
| 3) Chloromethane             | 2.359 | 50  | 37534  | 17.816  | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.512 | 62  | 39413  | 18.693  | ug/l   | 98  |
| 5) Bromomethane              | 2.901 | 94  | 21104  | 19.040  | ug/l   | 97  |
| 6) Chloroethane              | 3.065 | 64  | 26890  | 19.517  | ug/l   | 98  |
| 7) Trichlorofluoromethane    | 3.465 | 101 | 69282  | 19.953  | ug/l   | 98  |
| 8) Diethyl Ether             | 3.959 | 74  | 23941  | 19.288  | ug/l   | 100 |
| 9) 1,1,2-Trichlorotrifluo... | 4.353 | 101 | 37818  | 20.083  | ug/l   | 99  |
| 10) Methyl Iodide            | 4.577 | 142 | 48199  | 18.922  | ug/l   | 96  |
| 11) Tert butyl alcohol       | 5.542 | 59  | 36013  | 96.712  | ug/l   | 100 |
| 12) 1,1-Dichloroethene       | 4.330 | 96  | 35388  | 18.903  | ug/l   | 94  |
| 13) Acrolein                 | 4.177 | 56  | 34685  | 98.455  | ug/l   | 95  |
| 14) Allyl chloride           | 5.012 | 41  | 62375  | 18.688  | ug/l   | 97  |
| 15) Acrylonitrile            | 5.718 | 53  | 91689  | 99.843  | ug/l   | 98  |
| 16) Acetone                  | 4.430 | 43  | 95653  | 100.434 | ug/l   | 97  |
| 17) Carbon Disulfide         | 4.694 | 76  | 89528  | 16.411  | ug/l   | 100 |
| 18) Methyl Acetate           | 5.024 | 43  | 51000  | 20.136  | ug/l   | 97  |
| 19) Methyl tert-butyl Ether  | 5.794 | 73  | 133810 | 20.151  | ug/l   | 97  |
| 20) Methylene Chloride       | 5.271 | 84  | 38346  | 18.233  | ug/l   | 95  |
| 21) trans-1,2-Dichloroethene | 5.771 | 96  | 35286  | 18.095  | ug/l   | 97  |
| 22) Diisopropyl ether        | 6.665 | 45  | 130907 | 19.890  | ug/l   | 99  |
| 23) Vinyl Acetate            | 6.594 | 43  | 476616 | 97.719  | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 6.565 | 63  | 71867  | 19.148  | ug/l   | 98  |
| 25) 2-Butanone               | 7.483 | 43  | 128104 | 98.791  | ug/l   | 100 |
| 26) 2,2-Dichloropropane      | 7.483 | 77  | 70767  | 20.252  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 7.483 | 96  | 45661  | 19.623  | ug/l   | 99  |
| 28) Bromochloromethane       | 7.812 | 49  | 34083  | 19.446  | ug/l   | 100 |
| 29) Tetrahydrofuran          | 7.835 | 42  | 76796  | 95.479  | ug/l   | 98  |
| 30) Chloroform               | 7.959 | 83  | 78199  | 19.776  | ug/l   | 97  |
| 31) Cyclohexane              | 8.259 | 56  | 68373  | 18.508  | ug/l   | 96  |
| 32) 1,1,1-Trichloroethane    | 8.165 | 97  | 73610  | 20.586  | ug/l   | 97  |
| 36) 1,1-Dichloropropene      | 8.365 | 75  | 51576  | 18.827  | ug/l   | 100 |
| 37) Ethyl Acetate            | 7.559 | 43  | 52213  | 19.151  | ug/l   | 99  |
| 38) Carbon Tetrachloride     | 8.359 | 117 | 62378  | 19.957  | ug/l   | 97  |
| 39) Methylcyclohexane        | 9.594 | 83  | 64309  | 19.563  | ug/l   | 96  |
| 40) Benzene                  | 8.600 | 78  | 162791 | 19.317  | ug/l   | 99  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN090424\  
 Data File : VN083641.D  
 Acq On : 04 Sep 2024 11:41  
 Operator : JC\MD  
 Sample : VN0904MBS01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Sep 05 01:52:09 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N083024W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Aug 31 00:48:10 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.777  | 41   | 30739    | 19.757  | ug/l   | 99       |
| 42) 1,2-Dichloroethane        | 8.665  | 62   | 63308    | 20.266  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.688  | 43   | 96632    | 16.880  | ug/l   | 99       |
| 44) Trichloroethene           | 9.347  | 130  | 36875    | 18.190  | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.618  | 63   | 39334    | 20.037  | ug/l   | 94       |
| 46) Dibromomethane            | 9.706  | 93   | 28447    | 19.642  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.888  | 83   | 60886    | 19.749  | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.682  | 41   | 44486    | 19.894  | ug/l   | 97       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 15273    | 416.816 | ug/l # | 100      |
| 51) 4-Methyl-2-Pentanone      | 10.441 | 43   | 256580   | 101.227 | ug/l   | 99       |
| 52) Toluene                   | 10.629 | 92   | 100600   | 19.087  | ug/l   | 94       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 62030    | 19.436  | ug/l   | 95       |
| 54) cis-1,3-Dichloropropene   | 10.306 | 75   | 64966    | 19.393  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 37791    | 20.089  | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.876 | 69   | 63594    | 20.435  | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 65262    | 19.596  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 123071   | 91.013  | ug/l   | 100      |
| 59) 2-Hexanone                | 11.194 | 43   | 193451   | 101.697 | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.359 | 129  | 43380    | 19.901  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 37258    | 19.386  | ug/l   | 98       |
| 64) Tetrachloroethene         | 11.100 | 164  | 31542    | 18.353  | ug/l   | 94       |
| 65) Chlorobenzene             | 11.888 | 112  | 107007   | 18.249  | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 38918    | 19.658  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.965 | 91   | 196476   | 18.771  | ug/l   | 98       |
| 68) m/p-Xylenes               | 12.070 | 106  | 144816   | 36.727  | ug/l   | 99       |
| 69) o-Xylene                  | 12.394 | 106  | 72163    | 18.935  | ug/l   | 99       |
| 70) Styrene                   | 12.412 | 104  | 118392   | 18.476  | ug/l   | 99       |
| 71) Bromoform                 | 12.576 | 173  | 27440    | 19.459  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.694 | 105  | 192029   | 18.292  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.494 | 43   | 83952    | 18.424  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 55768    | 18.712  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 72902    | 27.839  | ug/l   | 62       |
| 77) Bromobenzene              | 12.982 | 156  | 41846    | 16.990  | ug/l   | 97       |
| 78) n-propylbenzene           | 13.035 | 91   | 212026   | 17.469  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 136019   | 17.294  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.170 | 105  | 157103   | 17.764  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 19443    | 17.512  | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 13.217 | 91   | 134143   | 16.789  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.435 | 119  | 142207   | 18.086  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 160350   | 18.013  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.612 | 105  | 185724   | 17.772  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 155291   | 17.791  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 78376    | 16.393  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 77915    | 15.860  | ug/l   | 98       |
| 89) n-Butylbenzene            | 14.053 | 91   | 132704   | 17.284  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.335 | 117  | 30161    | 17.752  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 79338    | 17.232  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.717 | 75   | 11800    | 18.256  | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 15.388 | 180  | 39275    | 15.043  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 17137    | 16.390  | ug/l   | 98       |
| 95) Naphthalene               | 15.641 | 128  | 137460   | 16.387  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.835 | 180  | 39461    | 15.130  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN090424\  
Data File : VN083641.D  
Acq On : 04 Sep 2024 11:41  
Operator : JC\MD  
Sample : VN0904MBS01  
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 5 Sample Multiplier: 1

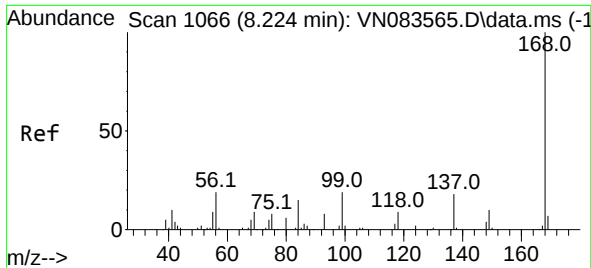
Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Sep 05 01:52:09 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N083024W.M  
Quant Title : SW846 8260  
QLast Update : Sat Aug 31 00:48:10 2024  
Response via : Initial Calibration

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

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

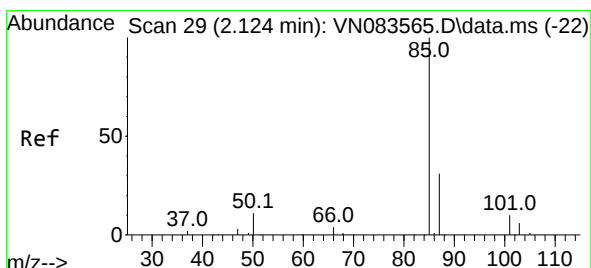
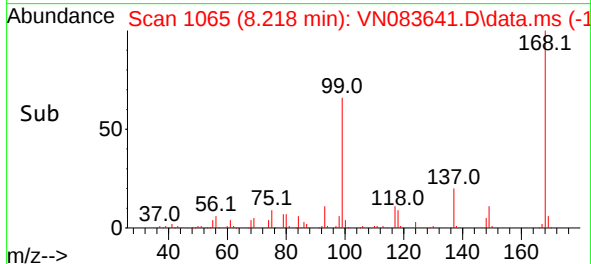
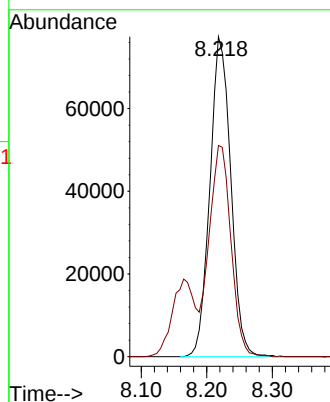
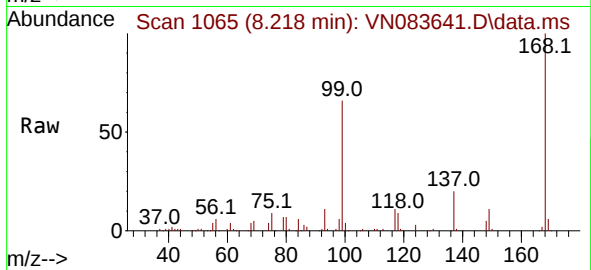




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.218 min Scan# 1065  
Delta R.T. -0.006 min  
Lab File: VN083641.D  
Acq: 04 Sep 2024 11:41

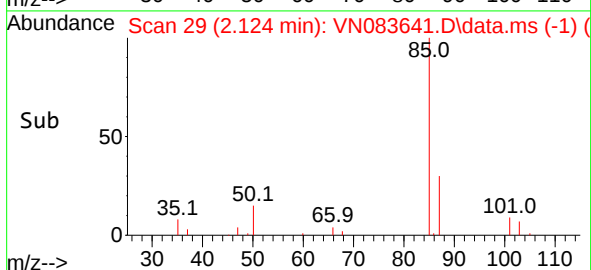
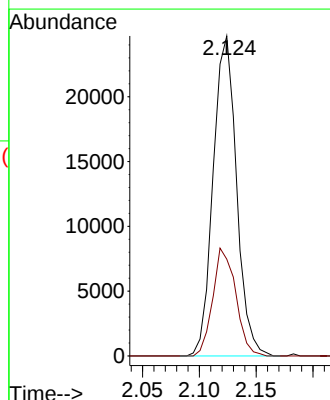
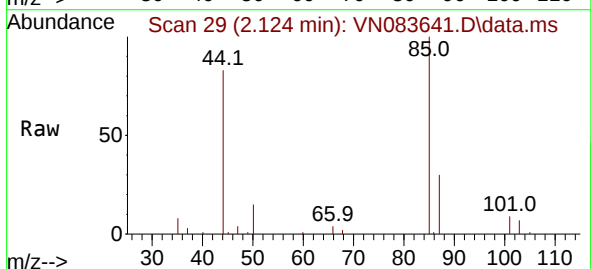
Instrument :  
MSVOA\_N  
ClientSampleId :

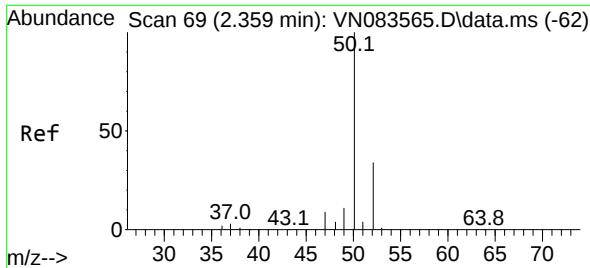
Tgt Ion:168 Resp: 170884  
Ion Ratio Lower Upper  
168 100  
99 65.8 54.2 81.2



#2  
Dichlorodifluoromethane  
Concen: 19.573 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. 0.000 min  
Lab File: VN083641.D  
Acq: 04 Sep 2024 11:41

Tgt Ion: 85 Resp: 35399  
Ion Ratio Lower Upper  
85 100  
87 30.3 15.7 47.0

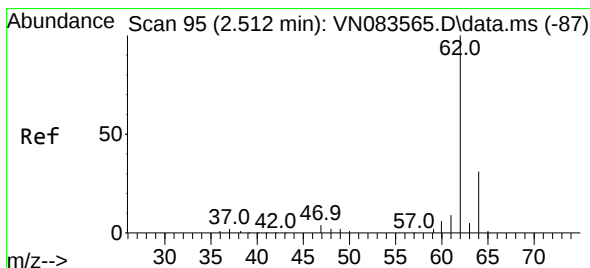
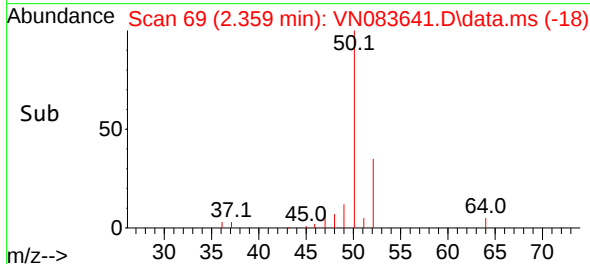
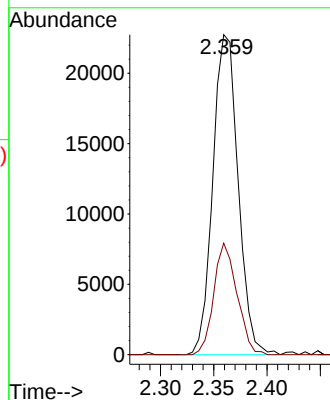
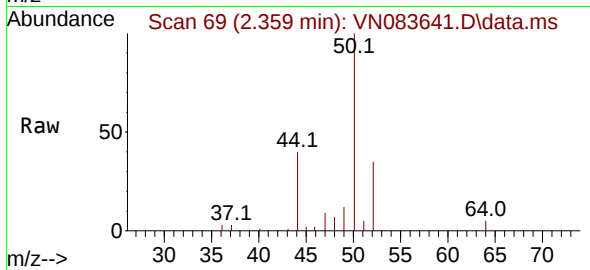




#3  
Chloromethane  
Concen: 17.816 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. 0.000 min  
Lab File: VN083641.D  
Acq: 04 Sep 2024 11:41

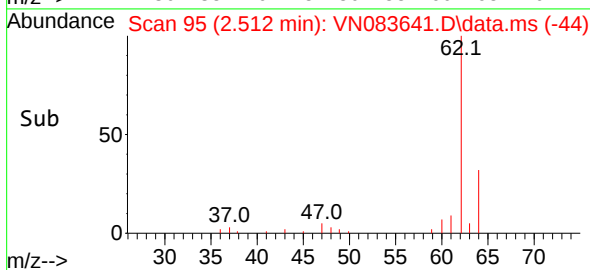
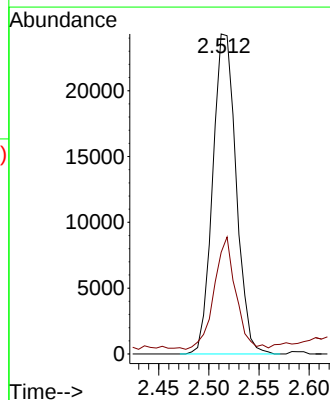
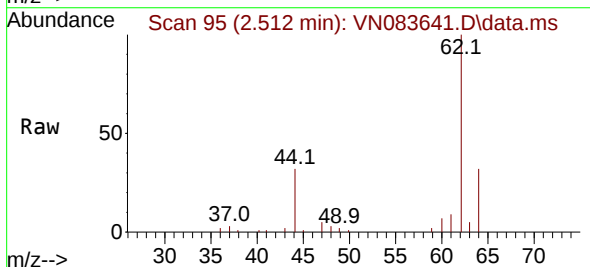
Instrument :  
MSVOA\_N  
ClientSampleId :

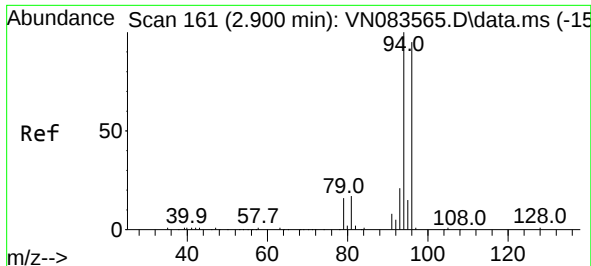
Tgt Ion: 50 Resp: 37534  
Ion Ratio Lower Upper  
50 100  
52 34.8 27.2 40.8



#4  
Vinyl Chloride  
Concen: 18.693 ug/l  
RT: 2.512 min Scan# 95  
Delta R.T. 0.000 min  
Lab File: VN083641.D  
Acq: 04 Sep 2024 11:41

Tgt Ion: 62 Resp: 39413  
Ion Ratio Lower Upper  
62 100  
64 29.8 24.7 37.1

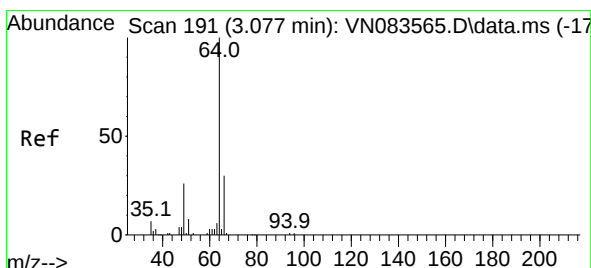
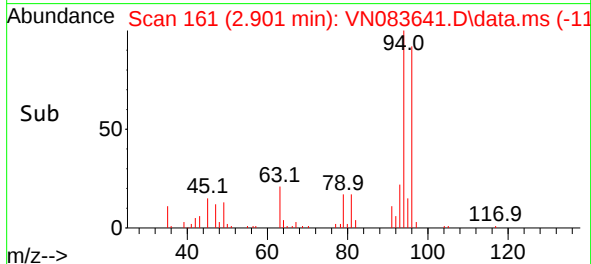
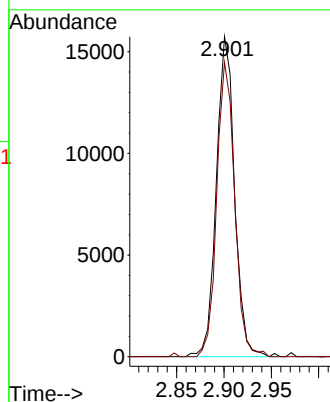
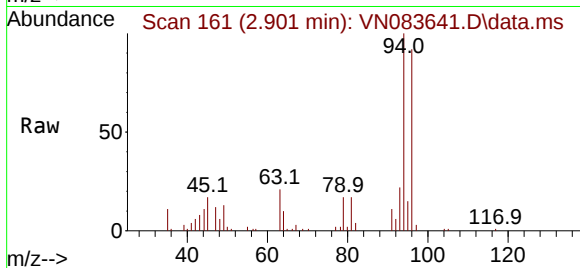




#5  
Bromomethane  
Concen: 19.040 ug/l  
RT: 2.901 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN083641.D  
Acq: 04 Sep 2024 11:41

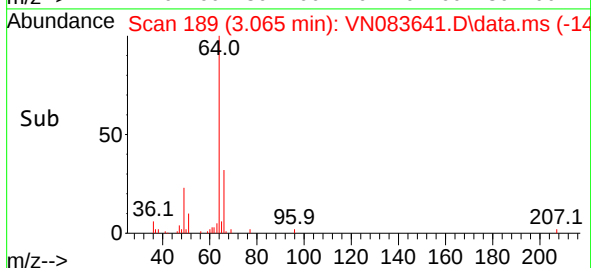
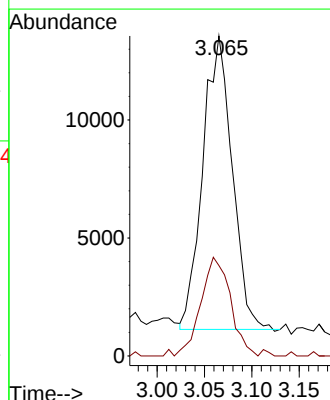
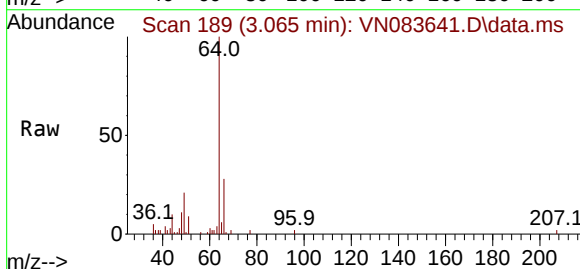
Instrument :  
MSVOA\_N  
ClientSampleId :

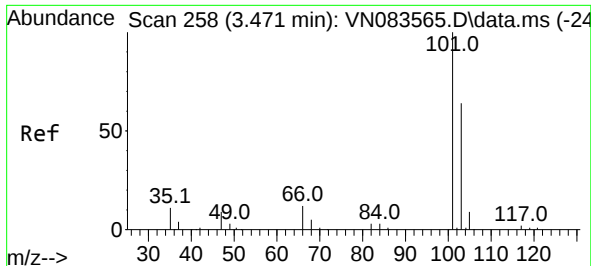
Tgt Ion: 94 Resp: 21104  
Ion Ratio Lower Upper  
94 100  
96 92.0 76.0 114.0



#6  
Chloroethane  
Concen: 19.517 ug/l  
RT: 3.065 min Scan# 189  
Delta R.T. -0.012 min  
Lab File: VN083641.D  
Acq: 04 Sep 2024 11:41

Tgt Ion: 64 Resp: 26890  
Ion Ratio Lower Upper  
64 100  
66 30.8 23.9 35.9

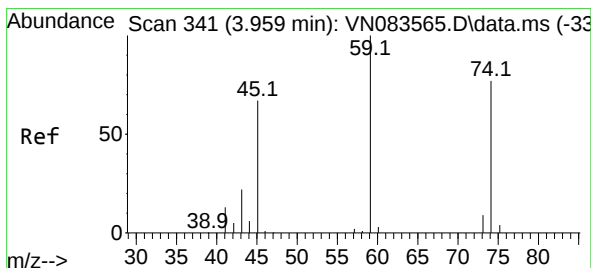
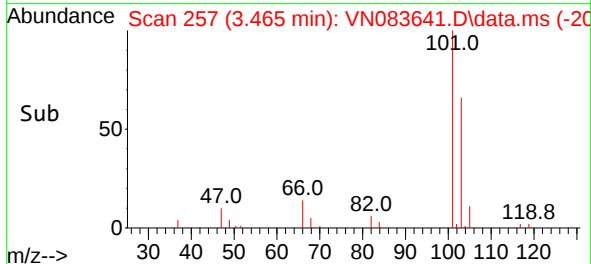
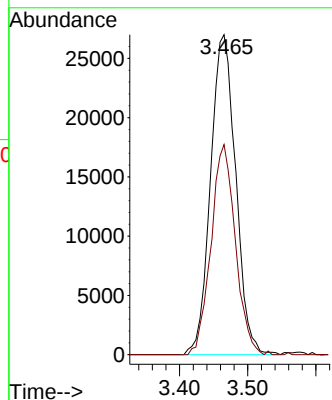
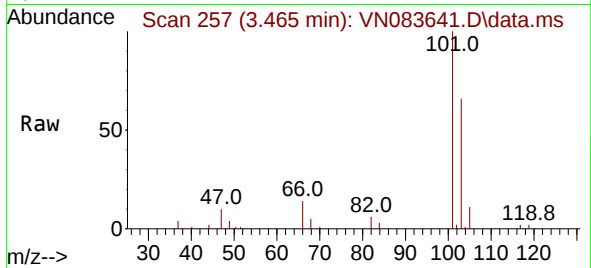




#7  
 Trichlorofluoromethane  
 Concen: 19.953 ug/l  
 RT: 3.465 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: VN083641.D  
 Acq: 04 Sep 2024 11:41

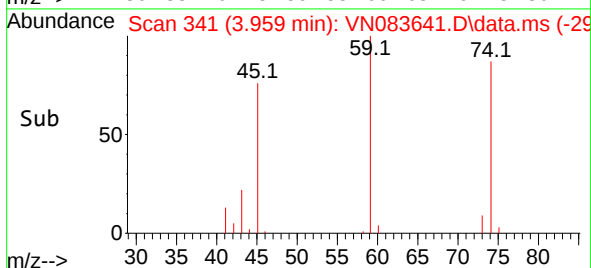
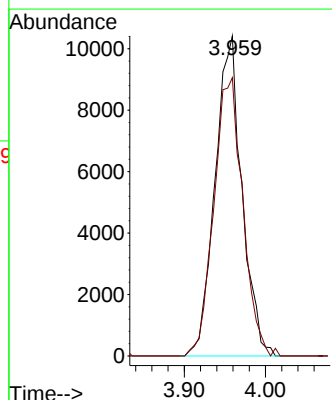
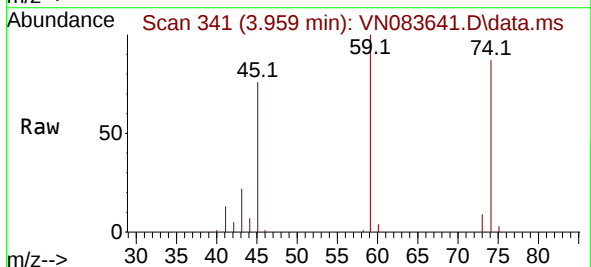
Instrument :  
 MSVOA\_N  
 ClientSampleId :

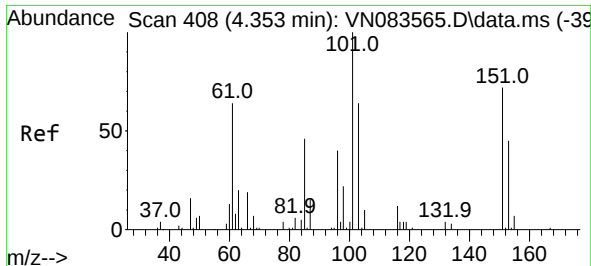
Tgt Ion:101 Resp: 69282  
 Ion Ratio Lower Upper  
 101 100  
 103 65.7 51.4 77.0



#8  
 Diethyl Ether  
 Concen: 19.288 ug/l  
 RT: 3.959 min Scan# 341  
 Delta R.T. 0.000 min  
 Lab File: VN083641.D  
 Acq: 04 Sep 2024 11:41

Tgt Ion: 74 Resp: 23941  
 Ion Ratio Lower Upper  
 74 100  
 45 93.6 46.7 140.1

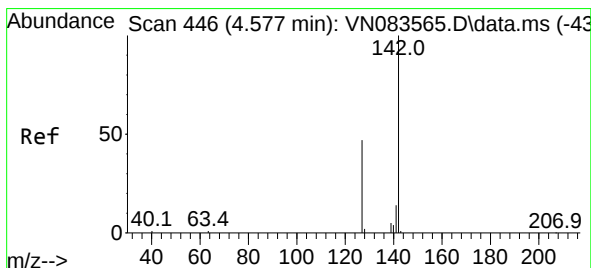
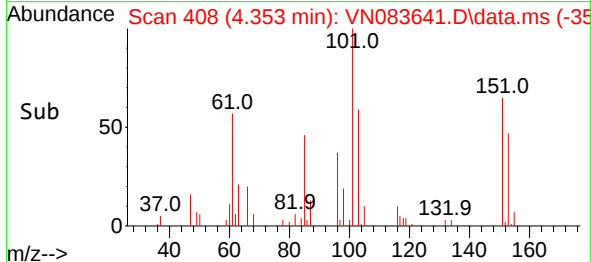
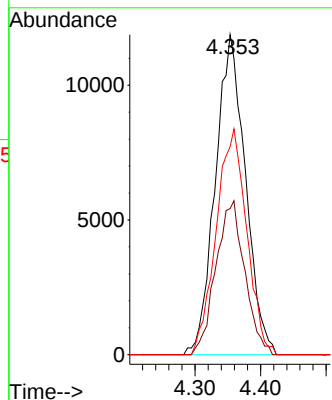
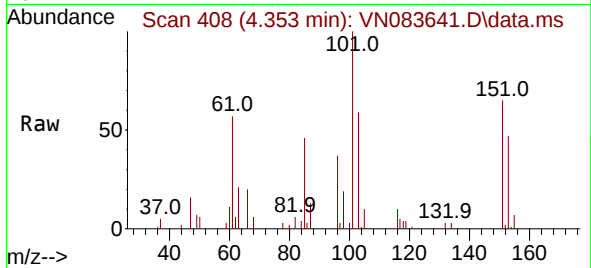




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.083 ug/l  
RT: 4.353 min Scan# 408  
Delta R.T. 0.000 min  
Lab File: VN083641.D  
Acq: 04 Sep 2024 11:41

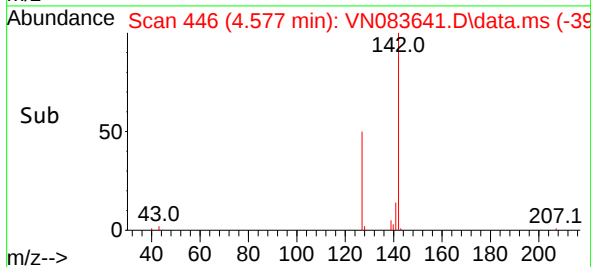
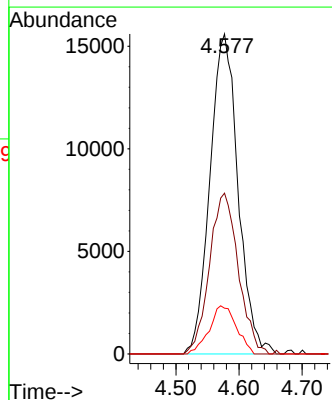
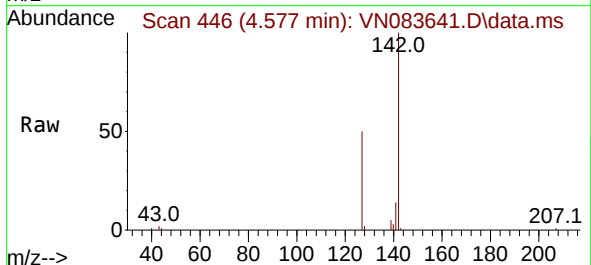
Instrument :  
MSVOA\_N  
ClientSampleId :

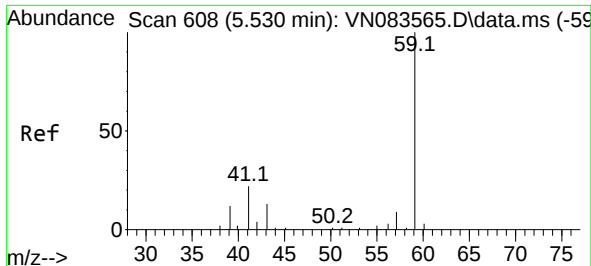
Tgt Ion:101 Resp: 37818  
Ion Ratio Lower Upper  
101 100  
85 46.3 36.2 54.4  
151 71.7 57.7 86.5



#10  
Methyl Iodide  
Concen: 18.922 ug/l  
RT: 4.577 min Scan# 446  
Delta R.T. 0.000 min  
Lab File: VN083641.D  
Acq: 04 Sep 2024 11:41

Tgt Ion:142 Resp: 48199  
Ion Ratio Lower Upper  
142 100  
127 50.2 37.5 56.3  
141 14.3 11.0 16.4





#11

Tert butyl alcohol

Concen: 96.712 ug/l

RT: 5.542 min Scan# 61

Delta R.T. 0.012 min

Lab File: VN083641.D

Acq: 04 Sep 2024 11:41

Instrument :

MSVOA\_N

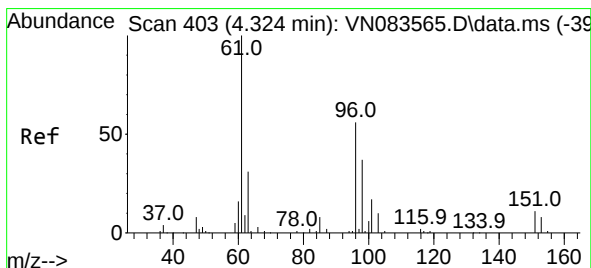
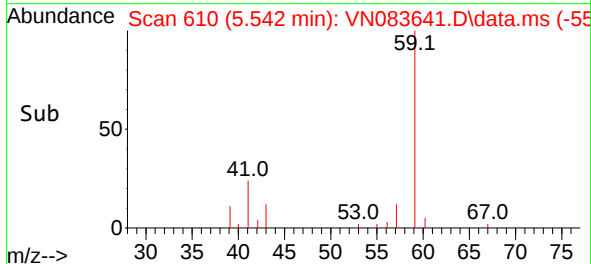
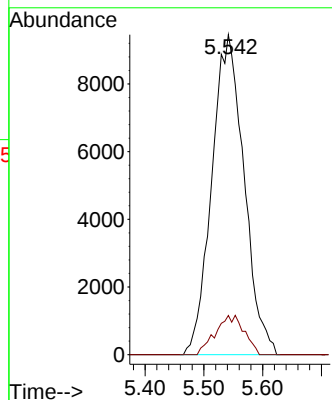
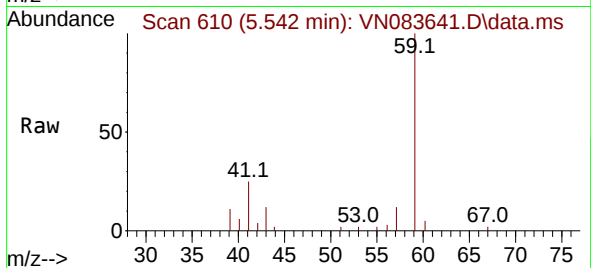
ClientSampleId :

Tgt Ion: 59 Resp: 36013

Ion Ratio Lower Upper

59 100

57 11.0 8.7 13.1



#12

1,1-Dichloroethene

Concen: 18.903 ug/l

RT: 4.330 min Scan# 404

Delta R.T. 0.006 min

Lab File: VN083641.D

Acq: 04 Sep 2024 11:41

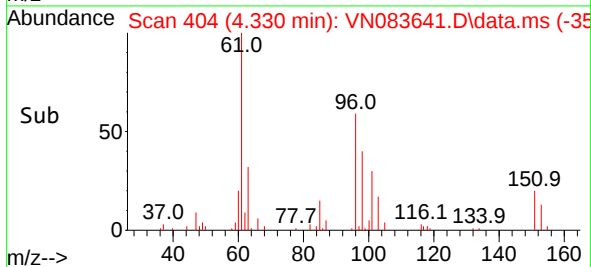
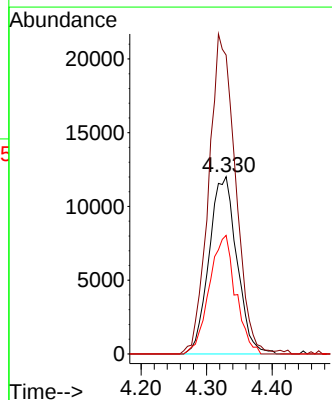
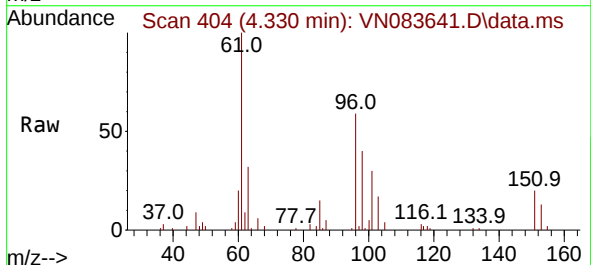
Tgt Ion: 96 Resp: 35388

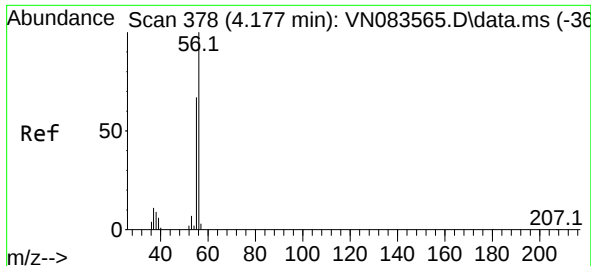
Ion Ratio Lower Upper

96 100

61 168.6 143.4 215.0

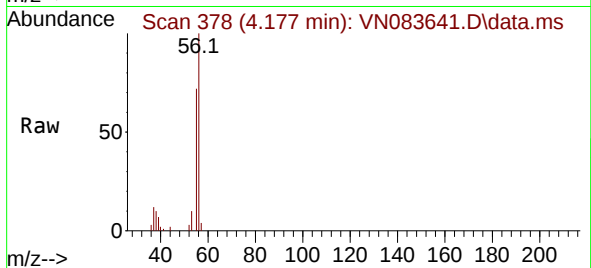
98 66.9 52.7 79.1



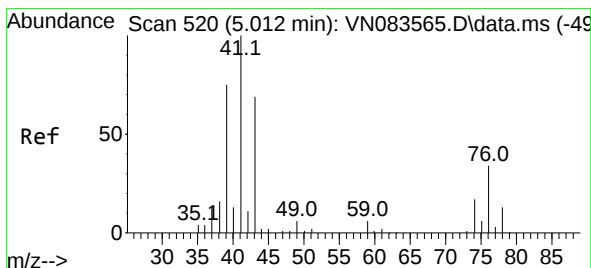
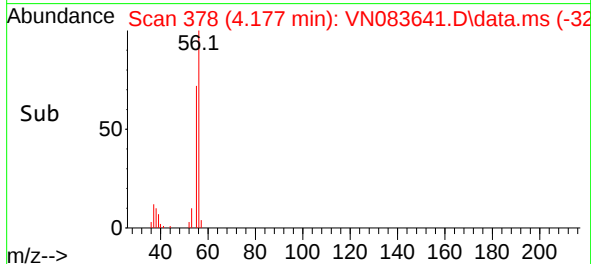
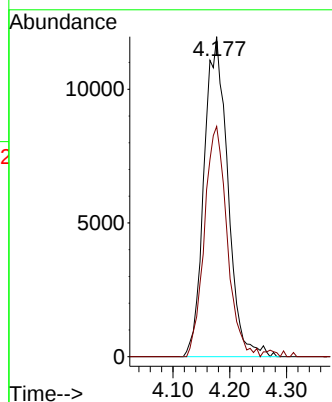


#13  
Acrolein  
Concen: 98.455 ug/l  
RT: 4.177 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VN083641.D  
Acq: 04 Sep 2024 11:41

Instrument :  
MSVOA\_N  
ClientSampleId :

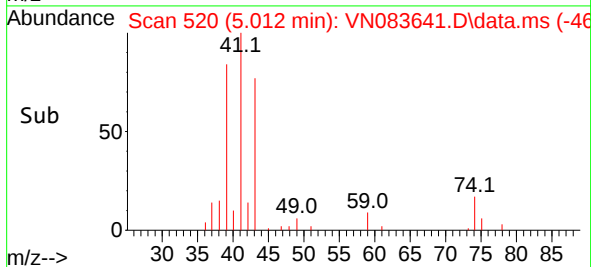
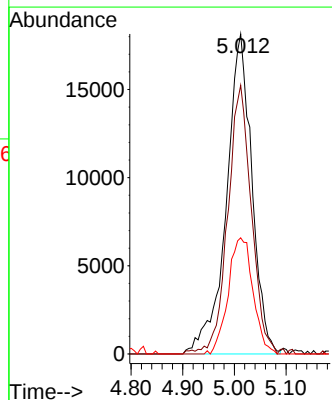
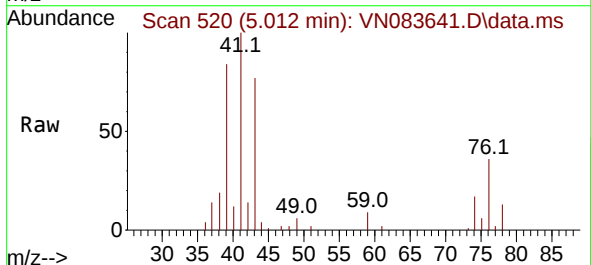


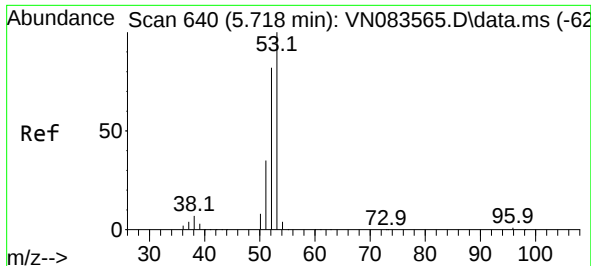
Tgt Ion: 56 Resp: 34685  
Ion Ratio Lower Upper  
56 100  
55 68.8 58.2 87.2



#14  
Allyl chloride  
Concen: 18.688 ug/l  
RT: 5.012 min Scan# 520  
Delta R.T. 0.000 min  
Lab File: VN083641.D  
Acq: 04 Sep 2024 11:41

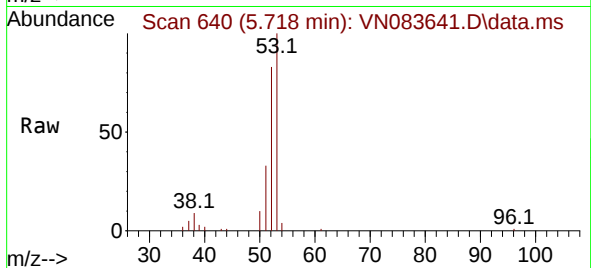
Tgt Ion: 41 Resp: 62375  
Ion Ratio Lower Upper  
41 100  
39 77.5 59.3 88.9  
76 35.2 27.7 41.5



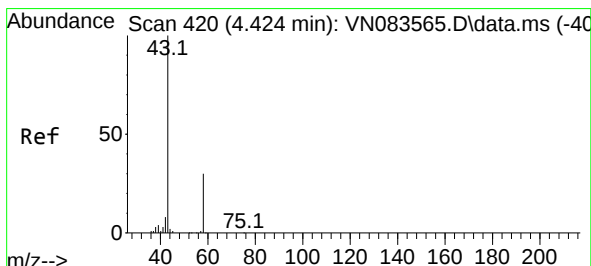
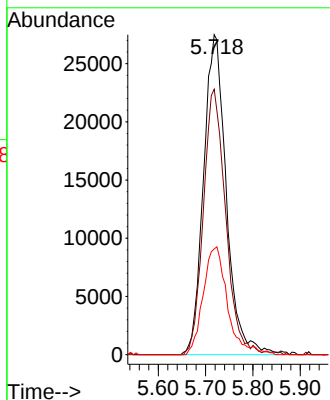
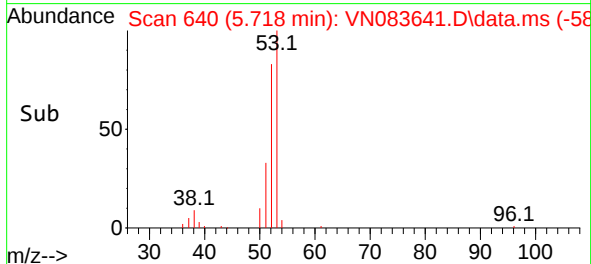


#15  
Acrylonitrile  
Concen: 99.843 ug/l  
RT: 5.718 min Scan# 640  
Delta R.T. 0.000 min  
Lab File: VN083641.D  
Acq: 04 Sep 2024 11:41

Instrument :  
MSVOA\_N  
ClientSampleId :

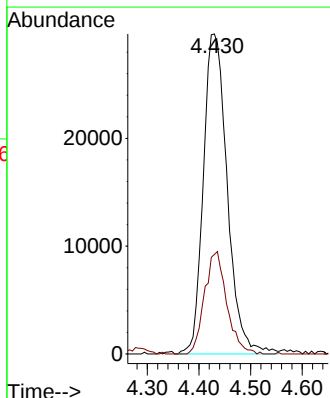
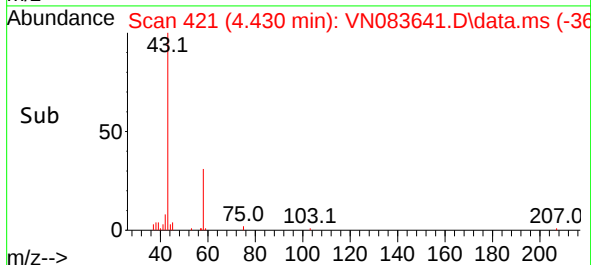
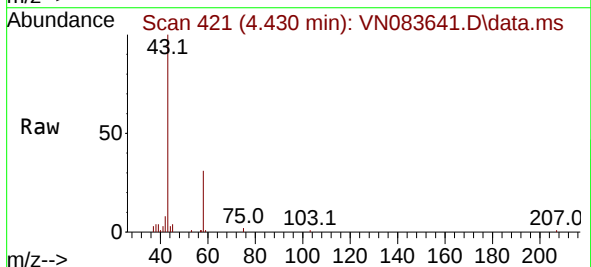


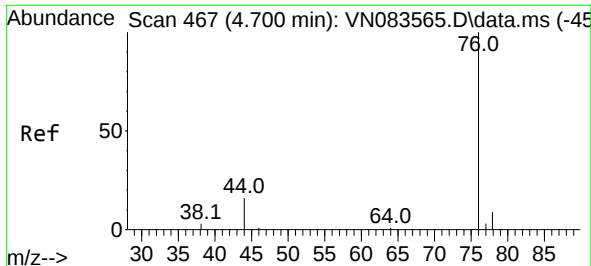
Tgt Ion: 53 Resp: 91689  
Ion Ratio Lower Upper  
53 100  
52 81.1 66.1 99.1  
51 36.1 29.6 44.4



#16  
Acetone  
Concen: 100.434 ug/l  
RT: 4.430 min Scan# 421  
Delta R.T. 0.006 min  
Lab File: VN083641.D  
Acq: 04 Sep 2024 11:41

Tgt Ion: 43 Resp: 95653  
Ion Ratio Lower Upper  
43 100  
58 31.1 23.7 35.5

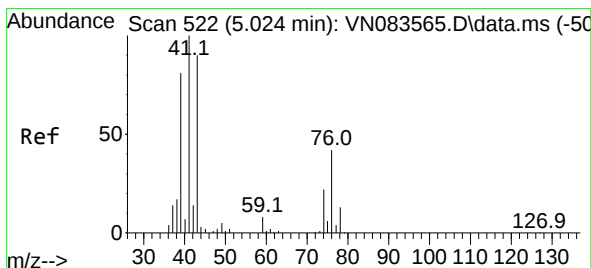
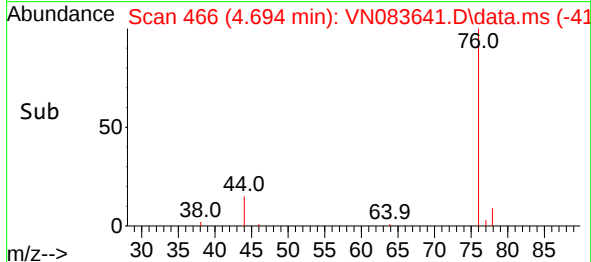
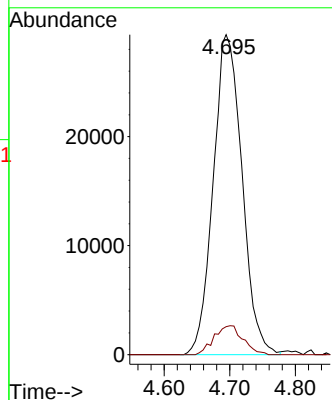
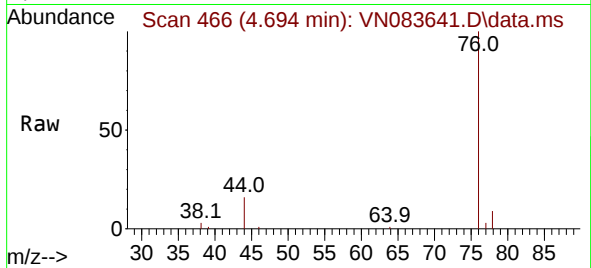




#17  
Carbon Disulfide  
Concen: 16.411 ug/l  
RT: 4.694 min Scan# 467  
Delta R.T. -0.006 min  
Lab File: VN083641.D  
Acq: 04 Sep 2024 11:41

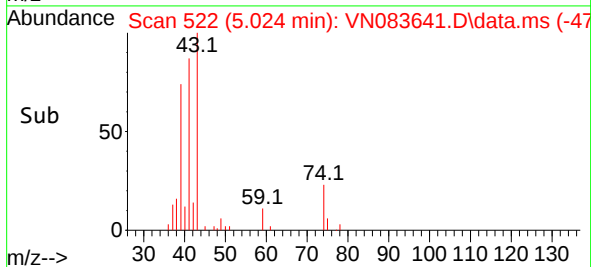
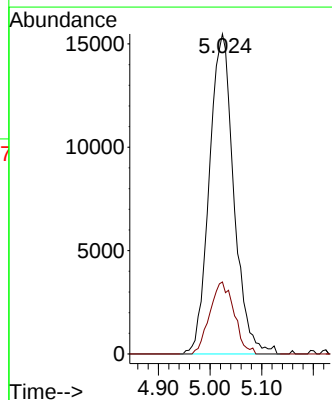
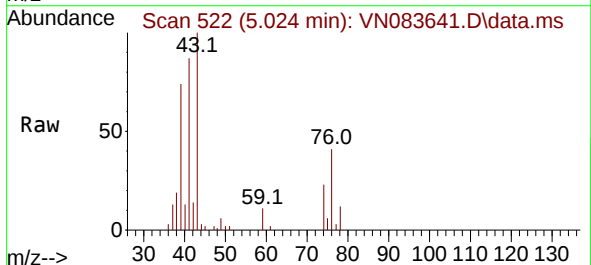
Instrument :  
MSVOA\_N  
ClientSampleId :

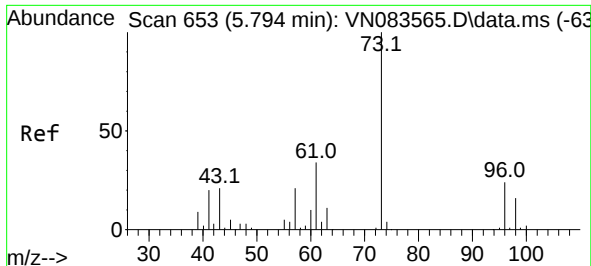
Tgt Ion: 76 Resp: 89528  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.1 10.7



#18  
Methyl Acetate  
Concen: 20.136 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. 0.000 min  
Lab File: VN083641.D  
Acq: 04 Sep 2024 11:41

Tgt Ion: 43 Resp: 51000  
Ion Ratio Lower Upper  
43 100  
74 22.3 19.0 28.4

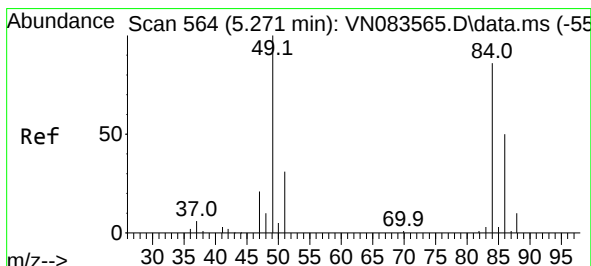
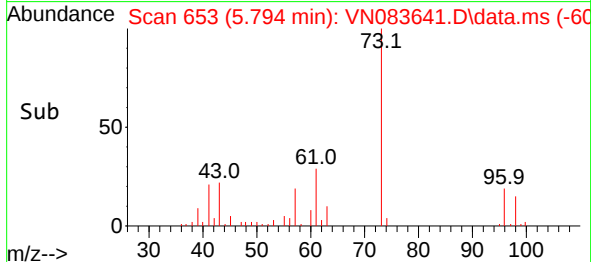
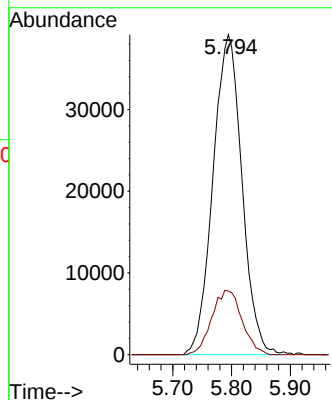
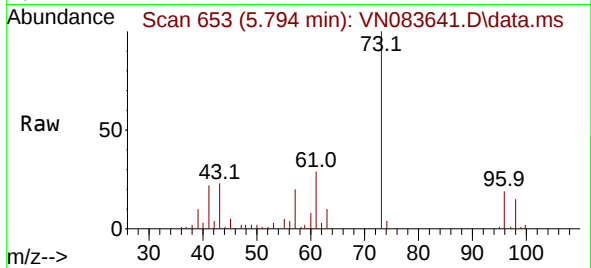




#19  
Methyl tert-butyl Ether  
Concen: 20.151 ug/l  
RT: 5.794 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN083641.D  
Acq: 04 Sep 2024 11:41

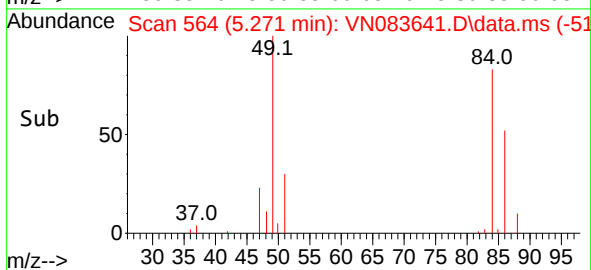
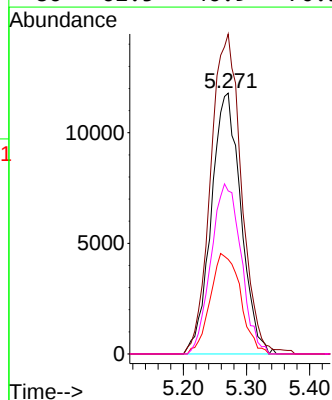
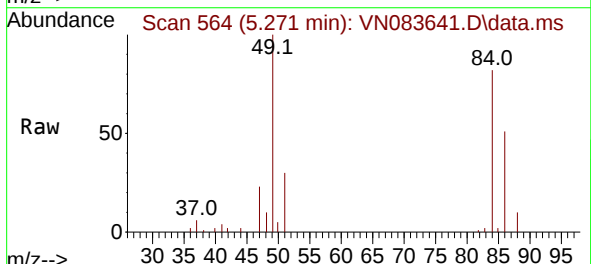
Instrument :  
MSVOA\_N  
ClientSampleId :

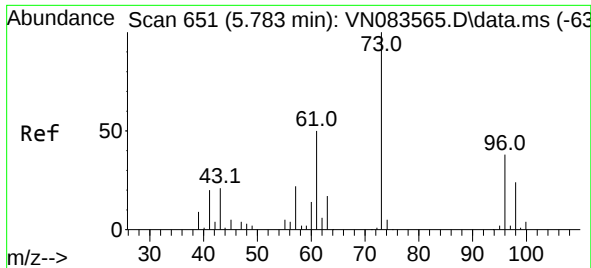
Tgt Ion: 73 Resp: 133810  
Ion Ratio Lower Upper  
73 100  
57 19.9 17.0 25.6



#20  
Methylene Chloride  
Concen: 18.233 ug/l  
RT: 5.271 min Scan# 564  
Delta R.T. 0.000 min  
Lab File: VN083641.D  
Acq: 04 Sep 2024 11:41

Tgt Ion: 84 Resp: 38346  
Ion Ratio Lower Upper  
84 100  
49 122.7 93.4 140.0  
51 36.3 29.2 43.8  
86 62.5 46.9 70.3

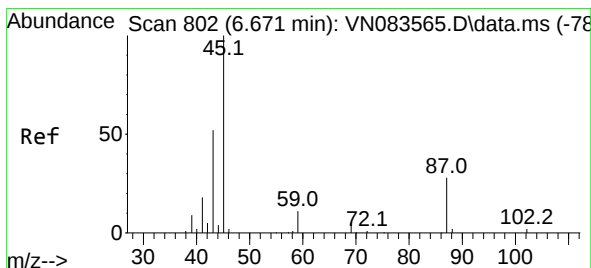
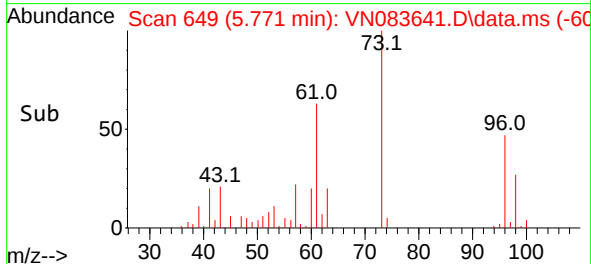
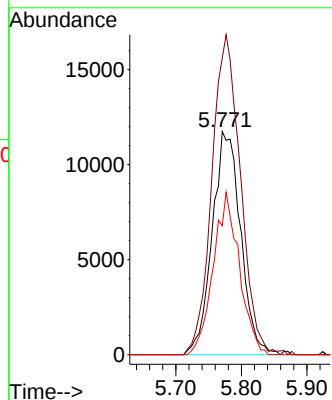
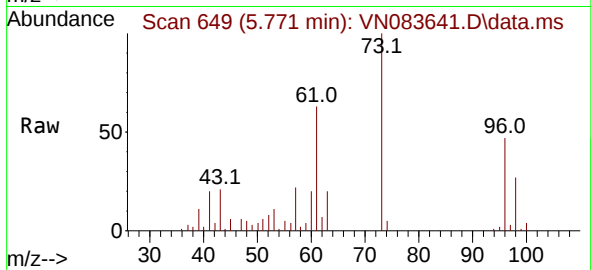




#21  
trans-1,2-Dichloroethene  
Concen: 18.095 ug/l  
RT: 5.771 min Scan# 649  
Delta R.T. -0.012 min  
Lab File: VN083641.D  
Acq: 04 Sep 2024 11:41

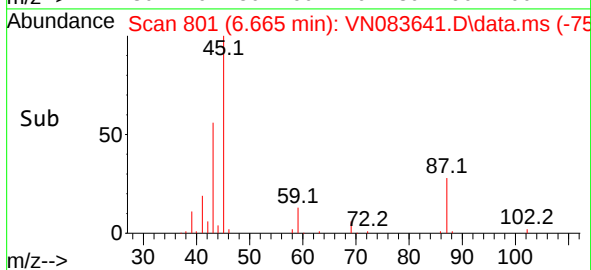
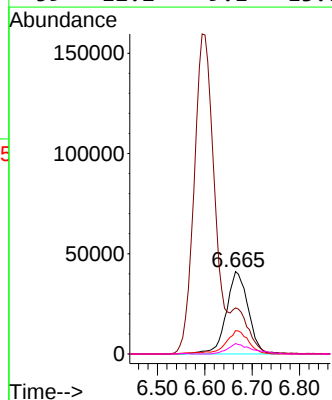
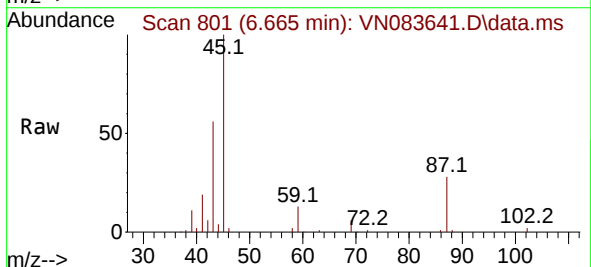
Instrument :  
MSVOA\_N  
ClientSampleId :

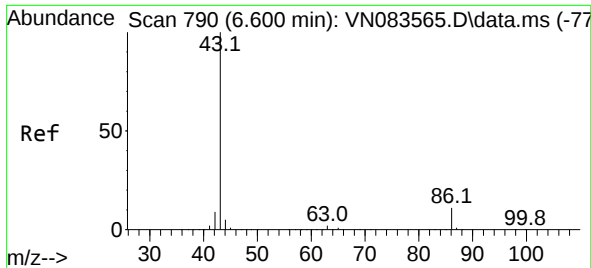
Tgt Ion: 96 Resp: 35286  
Ion Ratio Lower Upper  
96 100  
61 133.0 106.0 159.0  
98 57.8 52.2 78.2



#22  
Diisopropyl ether  
Concen: 19.890 ug/l  
RT: 6.665 min Scan# 801  
Delta R.T. -0.006 min  
Lab File: VN083641.D  
Acq: 04 Sep 2024 11:41

Tgt Ion: 45 Resp: 130907  
Ion Ratio Lower Upper  
45 100  
43 54.9 43.4 65.0  
87 28.4 22.6 33.8  
59 12.2 9.1 13.7

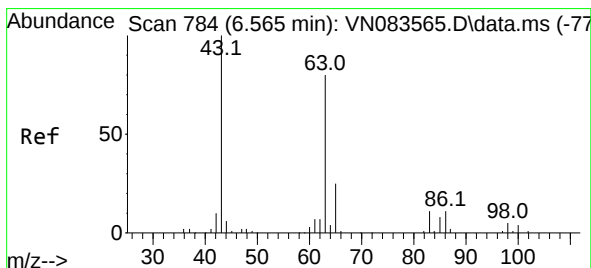
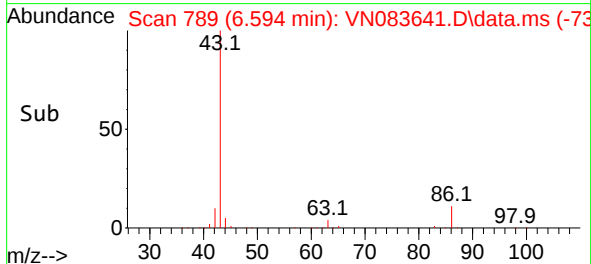
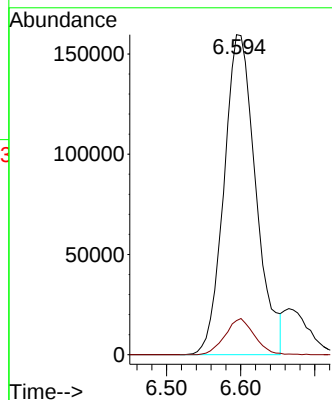
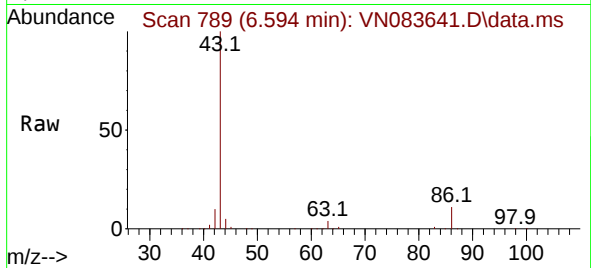




#23  
 Vinyl Acetate  
 Concen: 97.719 ug/l  
 RT: 6.594 min Scan# 790  
 Delta R.T. -0.006 min  
 Lab File: VN083641.D  
 Acq: 04 Sep 2024 11:41

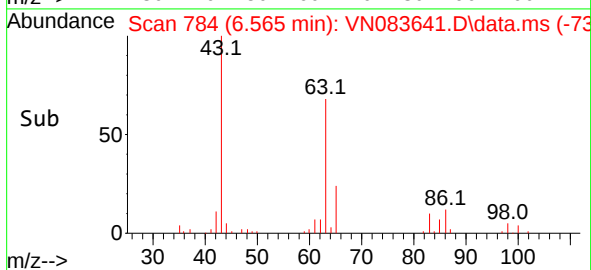
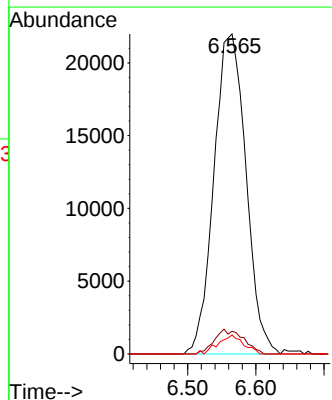
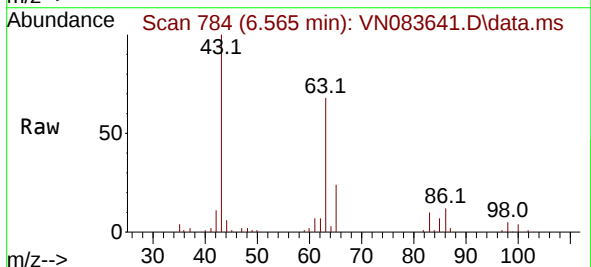
Instrument :  
 MSVOA\_N  
 ClientSampleId :

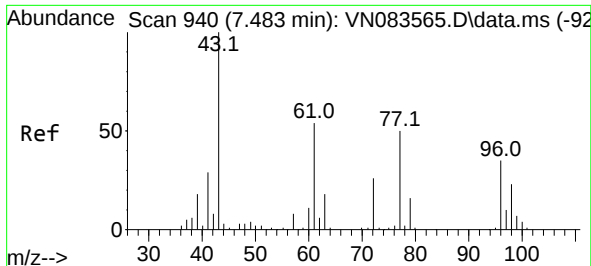
Tgt Ion: 43 Resp: 476616  
 Ion Ratio Lower Upper  
 43 100  
 86 10.7 8.7 13.1



#24  
 1,1-Dichloroethane  
 Concen: 19.148 ug/l  
 RT: 6.565 min Scan# 784  
 Delta R.T. 0.000 min  
 Lab File: VN083641.D  
 Acq: 04 Sep 2024 11:41

Tgt Ion: 63 Resp: 71867  
 Ion Ratio Lower Upper  
 63 100  
 98 7.1 3.5 10.4  
 100 6.0 2.5 7.5

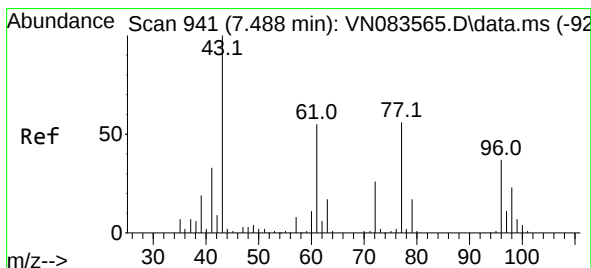
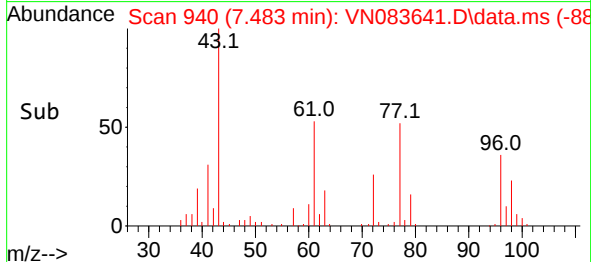
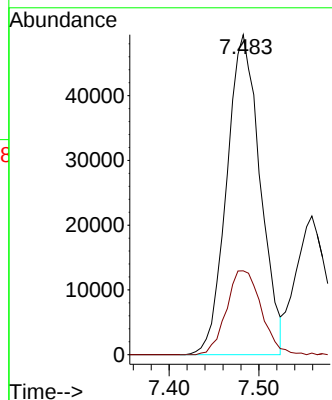
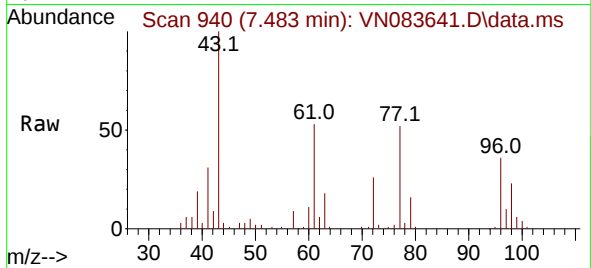




#25  
2-Butanone  
Concen: 98.791 ug/l  
RT: 7.483 min Scan# 940  
Delta R.T. 0.000 min  
Lab File: VN083641.D  
Acq: 04 Sep 2024 11:41

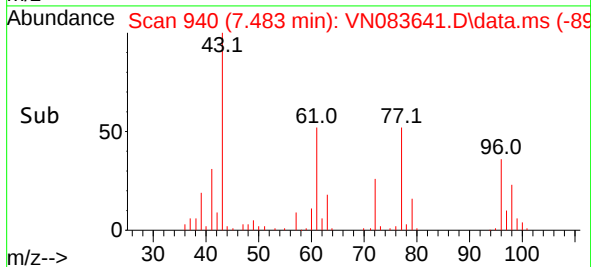
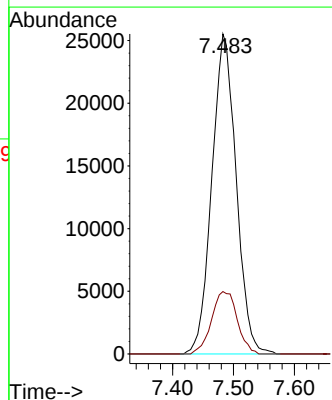
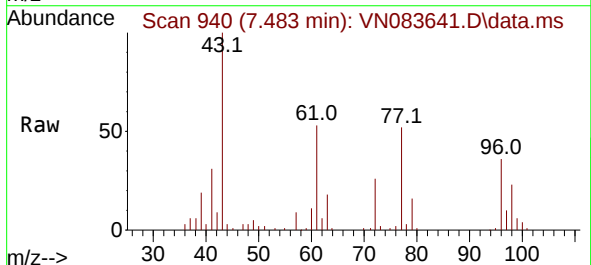
Instrument :  
MSVOA\_N  
ClientSampleId :

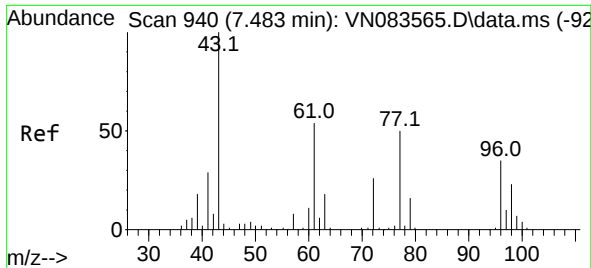
Tgt Ion: 43 Resp: 128104  
Ion Ratio Lower Upper  
43 100  
72 26.2 20.8 31.2



#26  
2,2-Dichloropropane  
Concen: 20.252 ug/l  
RT: 7.483 min Scan# 940  
Delta R.T. -0.006 min  
Lab File: VN083641.D  
Acq: 04 Sep 2024 11:41

Tgt Ion: 77 Resp: 70767  
Ion Ratio Lower Upper  
77 100  
97 20.6 10.2 30.4



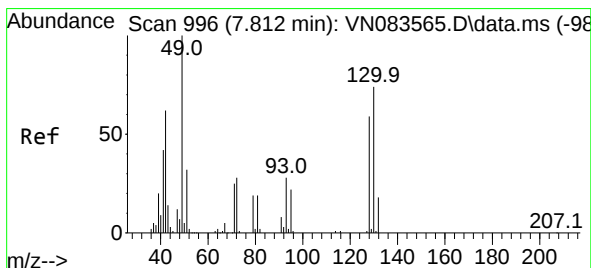
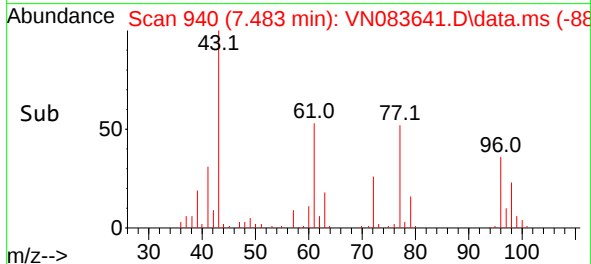
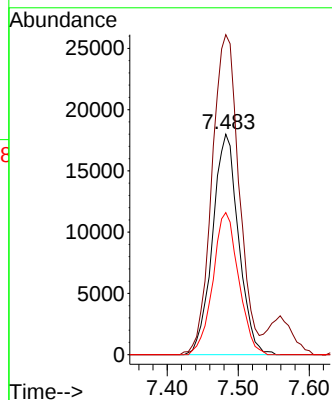
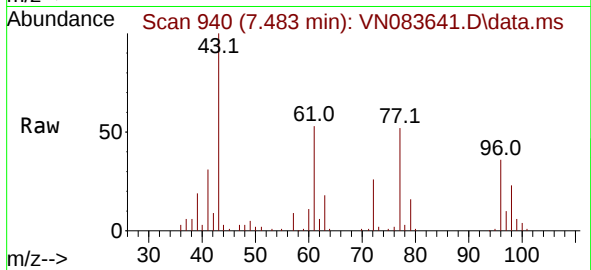


#27  
 cis-1,2-Dichloroethene  
 Concen: 19.623 ug/l  
 RT: 7.483 min Scan# 940  
 Delta R.T. 0.000 min  
 Lab File: VN083641.D  
 Acq: 04 Sep 2024 11:41

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tgt Ion: 96 Resp: 45661  

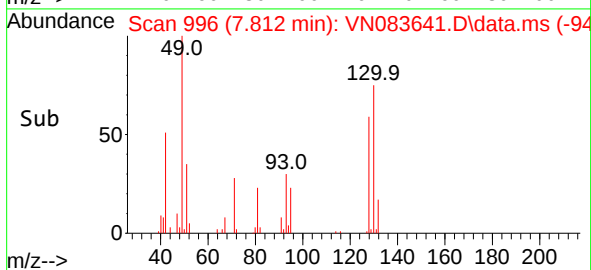
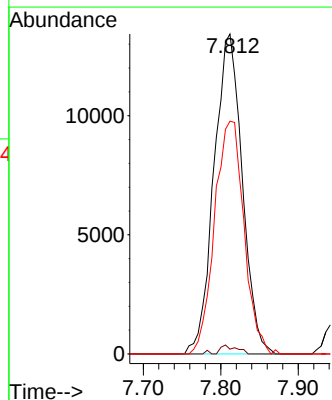
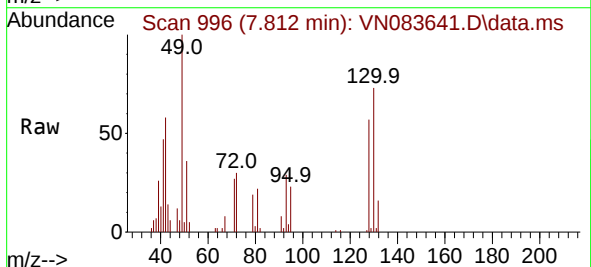
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 151.6 | 0.0   | 306.2 |
| 98  | 63.9  | 0.0   | 128.6 |

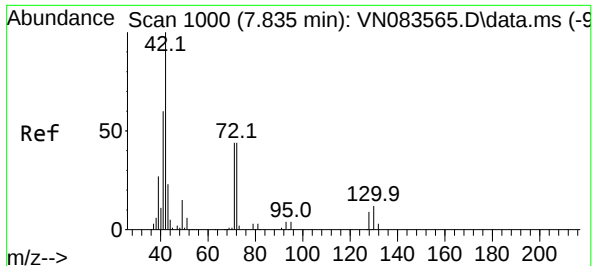


#28  
 Bromochloromethane  
 Concen: 19.446 ug/l  
 RT: 7.812 min Scan# 996  
 Delta R.T. 0.000 min  
 Lab File: VN083641.D  
 Acq: 04 Sep 2024 11:41

Tgt Ion: 49 Resp: 34083  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 1.6   | 0.0   | 3.4   |
| 130 | 75.5  | 60.2  | 90.2  |





#29

Tetrahydrofuran

Concen: 95.479 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN083641.D

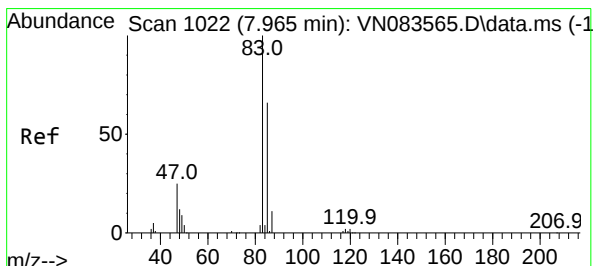
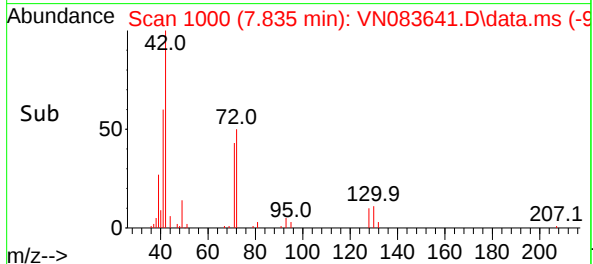
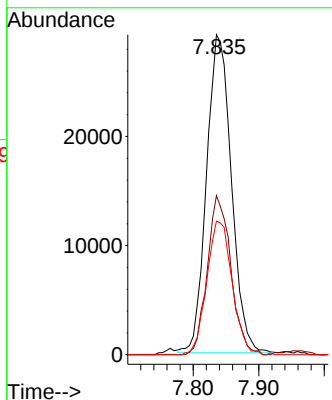
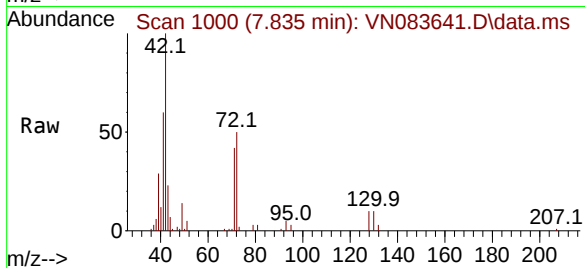
Acq: 04 Sep 2024 11:41

Instrument :

MSVOA\_N

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 76796 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 47.3  | 35.9  | 53.9  |
| 71       | 42.8  | 33.9  | 50.9  |



#30

Chloroform

Concen: 19.776 ug/l

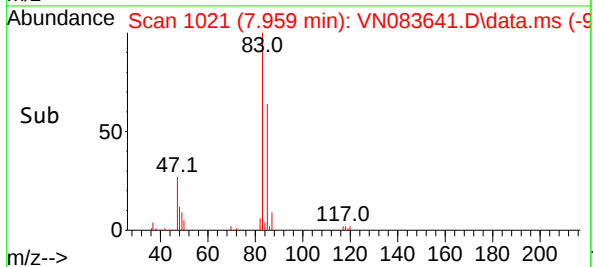
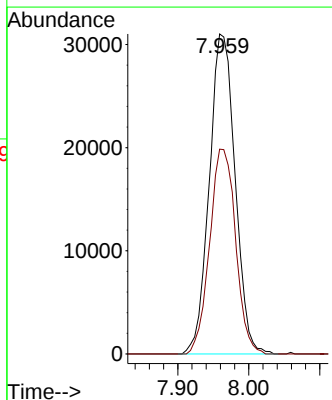
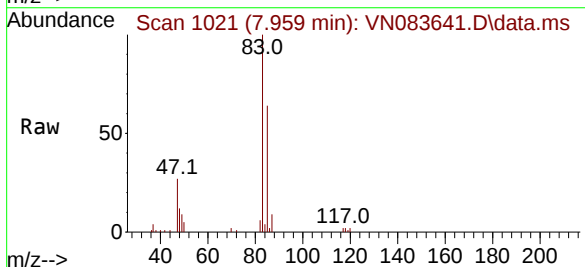
RT: 7.959 min Scan# 1021

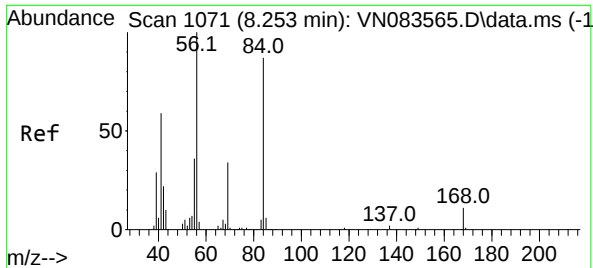
Delta R.T. -0.006 min

Lab File: VN083641.D

Acq: 04 Sep 2024 11:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 78199 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 64.0  | 52.8  | 79.2  |

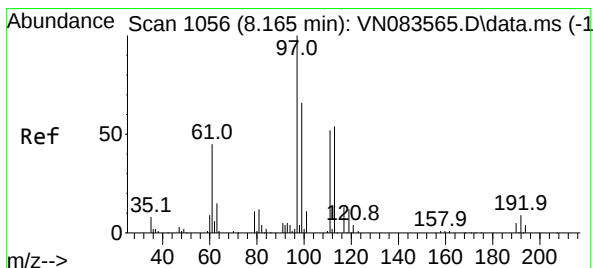
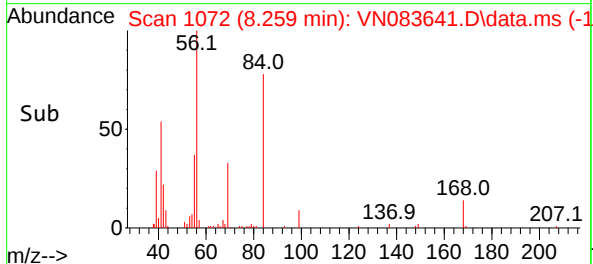
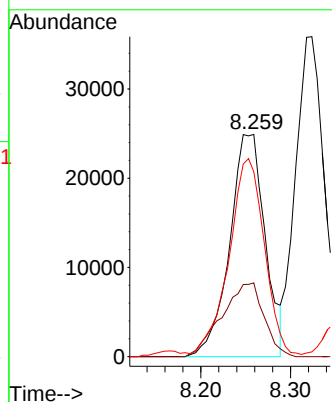
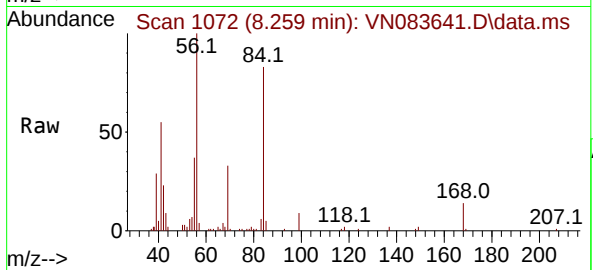




#31  
Cyclohexane  
Concen: 18.508 ug/l  
RT: 8.259 min Scan# 1071  
Delta R.T. 0.006 min  
Lab File: VN083641.D  
Acq: 04 Sep 2024 11:41

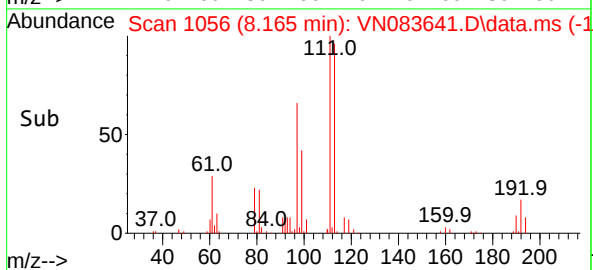
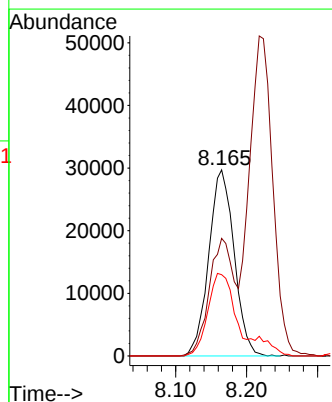
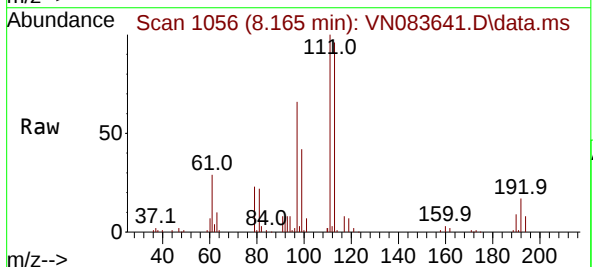
Instrument :  
MSVOA\_N  
ClientSampleId :

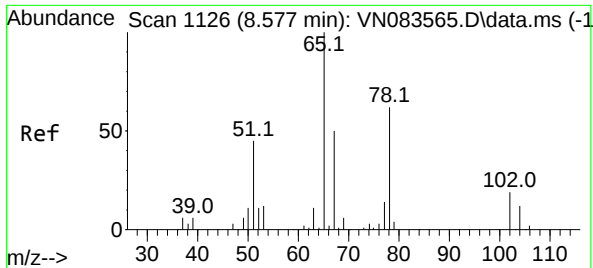
Tgt Ion: 56 Resp: 68373  
Ion Ratio Lower Upper  
56 100  
69 33.2 26.9 40.3  
84 81.7 69.2 103.8



#32  
1,1,1-Trichloroethane  
Concen: 20.586 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. 0.000 min  
Lab File: VN083641.D  
Acq: 04 Sep 2024 11:41

Tgt Ion: 97 Resp: 73610  
Ion Ratio Lower Upper  
97 100  
99 62.5 52.3 78.5  
61 46.0 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 59.747 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083641.D

Acq: 04 Sep 2024 11:41

Instrument :

MSVOA\_N

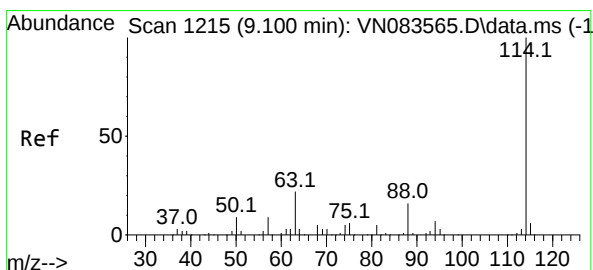
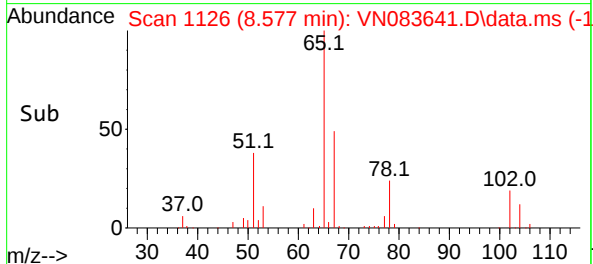
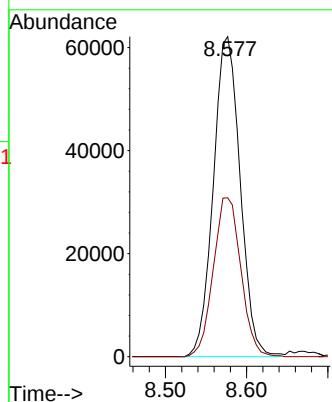
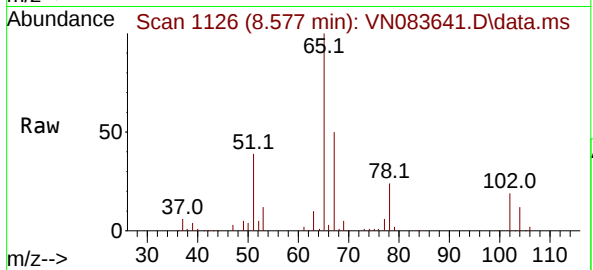
ClientSampleId :

Tgt Ion: 65 Resp: 142692

Ion Ratio Lower Upper

65 100

67 51.0 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN083641.D

Acq: 04 Sep 2024 11:41

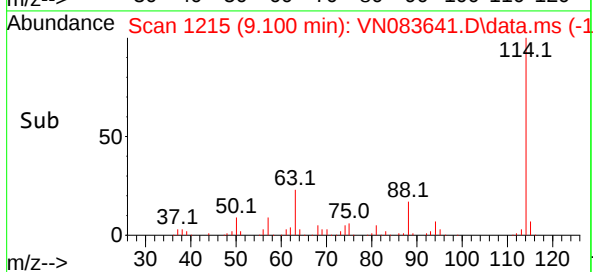
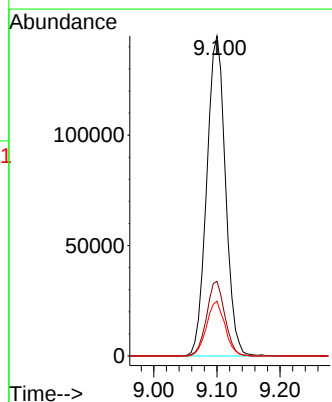
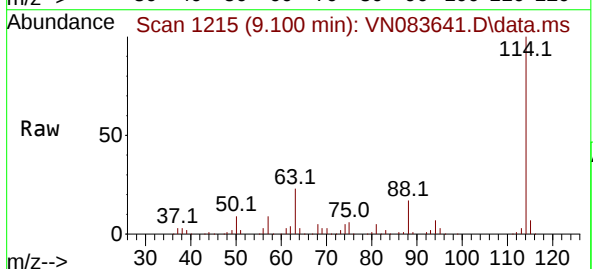
Tgt Ion: 114 Resp: 298401

Ion Ratio Lower Upper

114 100

63 23.3 0.0 43.4

88 17.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 58.048 ug/l

RT: 8.165 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VN083641.D

Acq: 04 Sep 2024 11:41

Instrument :

MSVOA\_N

ClientSampleId :

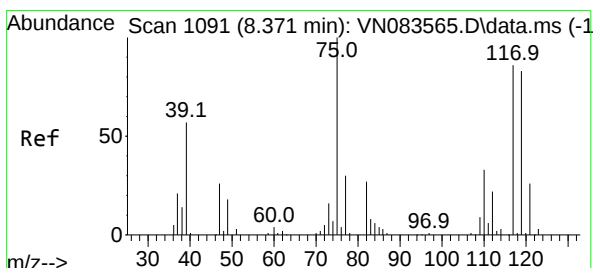
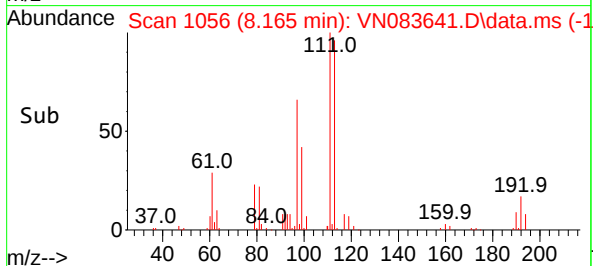
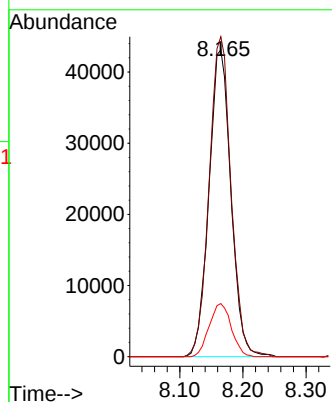
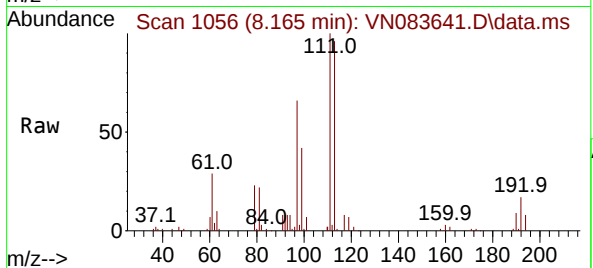
Tgt Ion:113 Resp: 104254

Ion Ratio Lower Upper

113 100

111 103.8 82.6 124.0

192 17.4 14.3 21.5



#36

1,1-Dichloropropene

Concen: 18.827 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VN083641.D

Acq: 04 Sep 2024 11:41

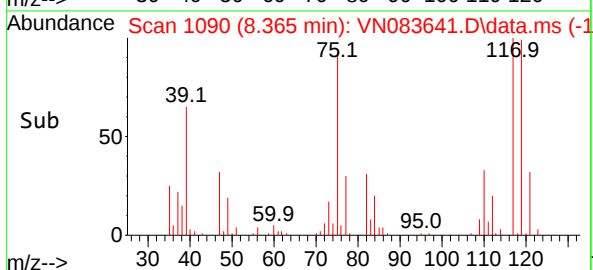
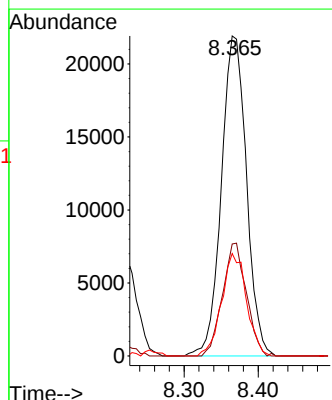
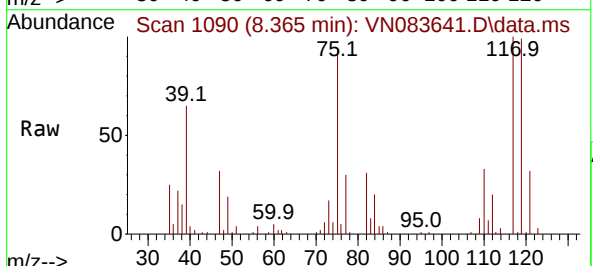
Tgt Ion: 75 Resp: 51576

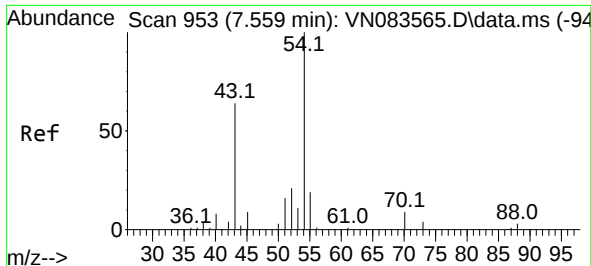
Ion Ratio Lower Upper

75 100

110 33.6 16.7 50.1

77 31.7 25.2 37.8





#37

Ethyl Acetate

Concen: 19.151 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN083641.D

Acq: 04 Sep 2024 11:41

Instrument :

MSVOA\_N

ClientSampleId :

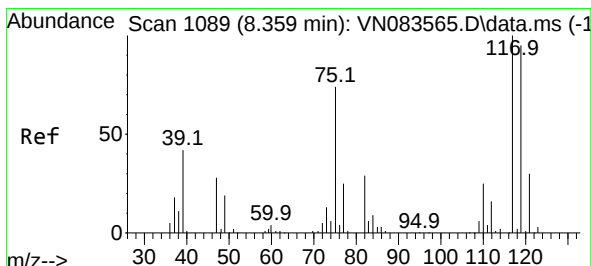
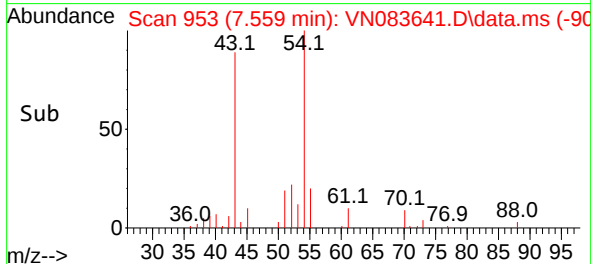
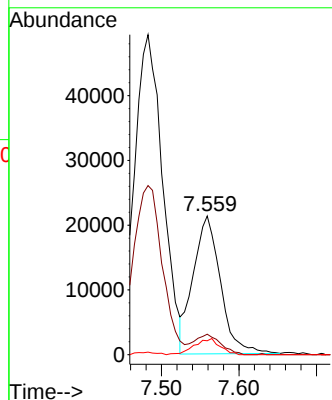
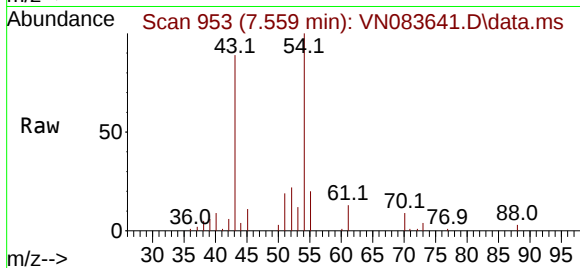
Tgt Ion: 43 Resp: 52213

Ion Ratio Lower Upper

43 100

61 13.5 11.1 16.7

70 10.9 8.8 13.2



#38

Carbon Tetrachloride

Concen: 19.957 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VN083641.D

Acq: 04 Sep 2024 11:41

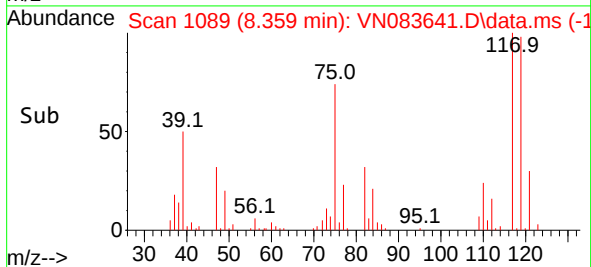
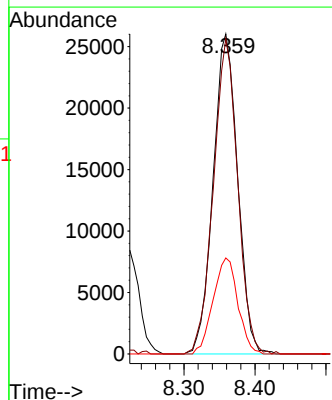
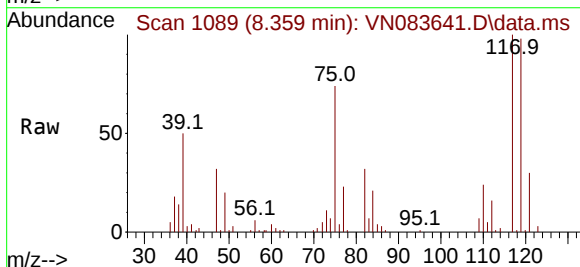
Tgt Ion: 117 Resp: 62378

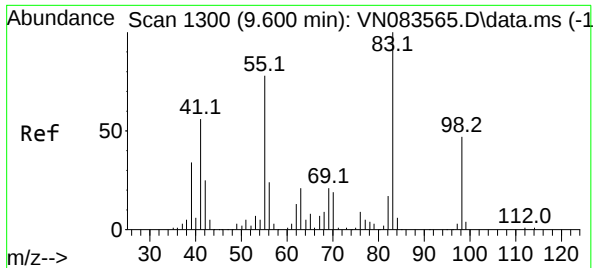
Ion Ratio Lower Upper

117 100

119 98.5 76.1 114.1

121 30.0 24.1 36.1

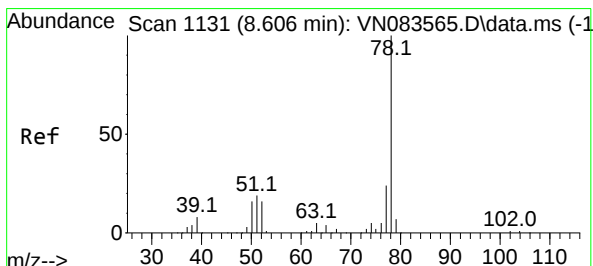
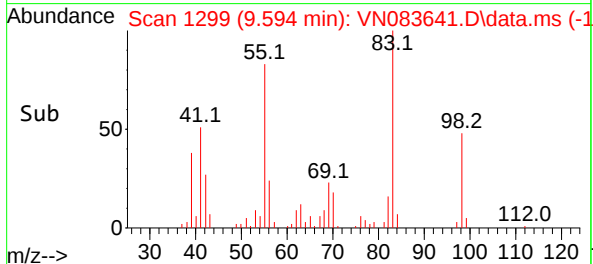
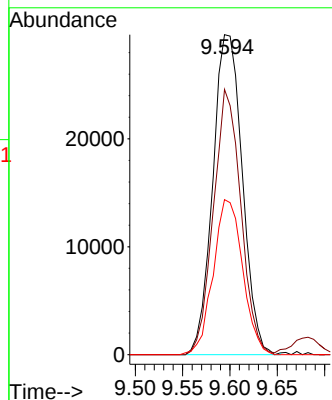
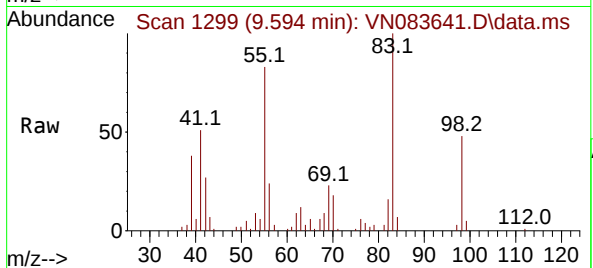




#39  
Methylcyclohexane  
Concen: 19.563 ug/l  
RT: 9.594 min Scan# 1130  
Delta R.T. -0.006 min  
Lab File: VN083641.D  
Acq: 04 Sep 2024 11:41

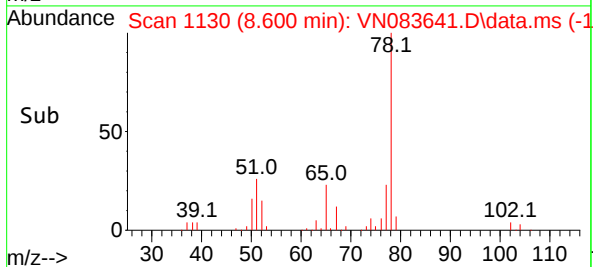
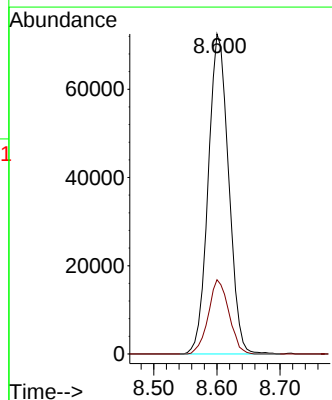
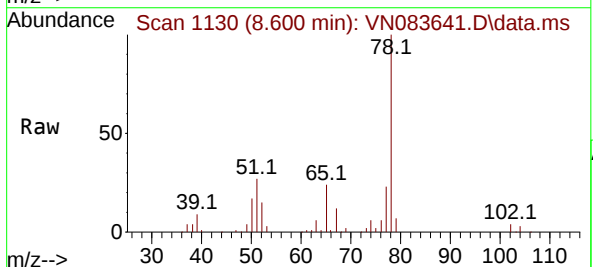
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 83 Resp: 64309  
Ion Ratio Lower Upper  
83 100  
55 82.9 62.2 93.4  
98 48.4 37.6 56.4



#40  
Benzene  
Concen: 19.317 ug/l  
RT: 8.600 min Scan# 1130  
Delta R.T. -0.006 min  
Lab File: VN083641.D  
Acq: 04 Sep 2024 11:41

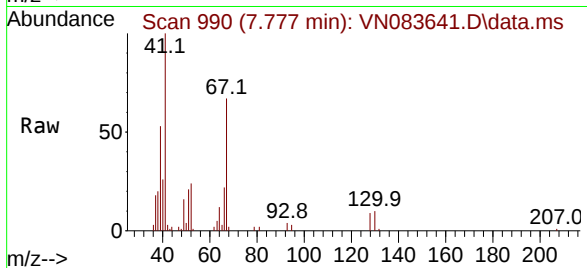
Tgt Ion: 78 Resp: 162791  
Ion Ratio Lower Upper  
78 100  
77 23.2 19.0 28.6



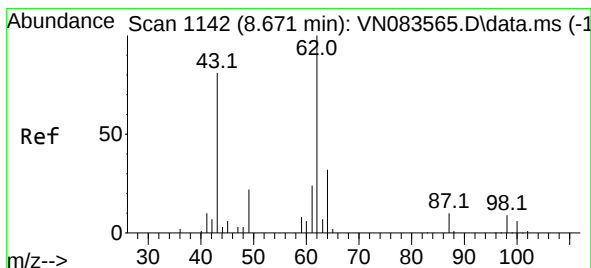
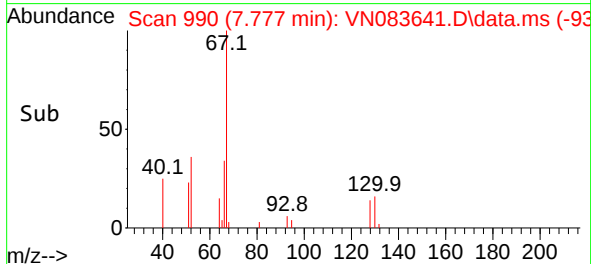
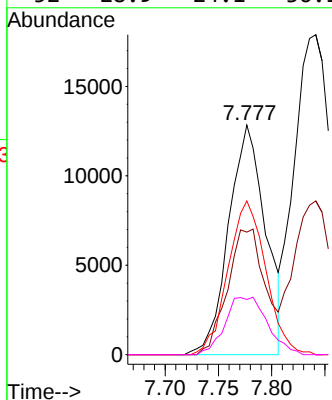


#41  
Methacrylonitrile  
Concen: 19.757 ug/l  
RT: 7.777 min Scan# 990  
Delta R.T. 0.000 min  
Lab File: VN083641.D  
Acq: 04 Sep 2024 11:41

Instrument :  
MSVOA\_N  
ClientSampleId :

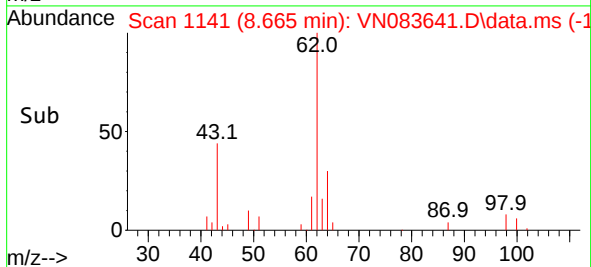
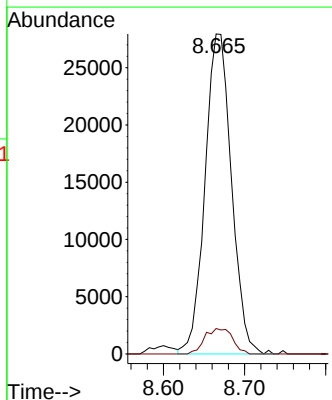
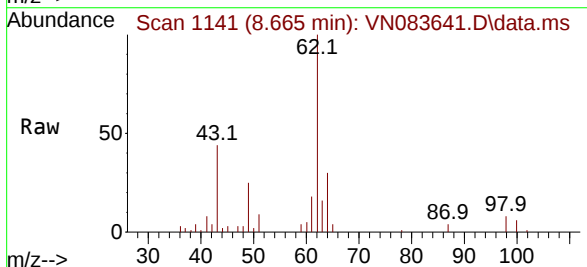


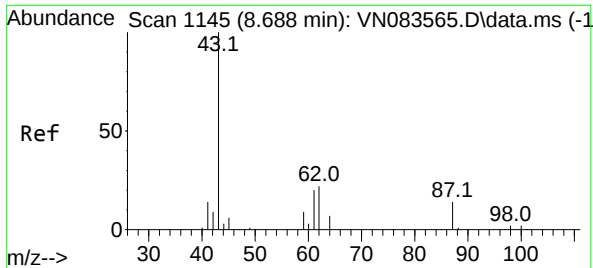
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 30739 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 56.6  | 45.4  | 68.2  |
| 67       | 69.1  | 55.9  | 83.9  |
| 52       | 28.9  | 24.1  | 36.1  |



#42  
1,2-Dichloroethane  
Concen: 20.266 ug/l  
RT: 8.665 min Scan# 1141  
Delta R.T. -0.006 min  
Lab File: VN083641.D  
Acq: 04 Sep 2024 11:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 63308 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.3   | 0.0   | 16.6  |

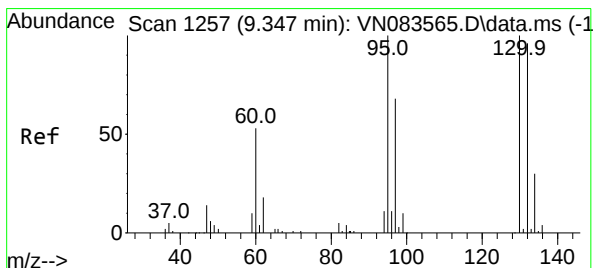
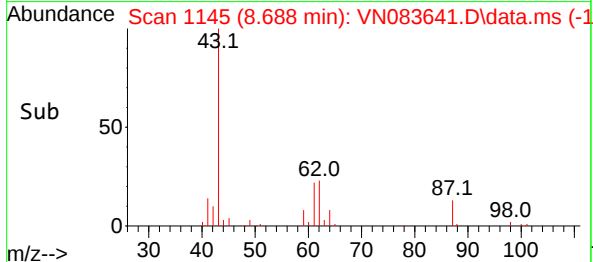
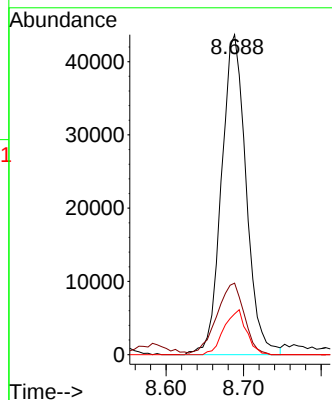
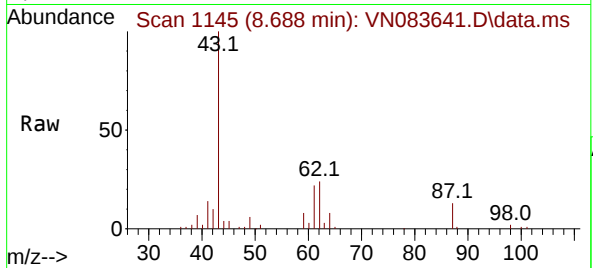




#43  
Isopropyl Acetate  
Concen: 16.880 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. 0.000 min  
Lab File: VN083641.D  
Acq: 04 Sep 2024 11:41

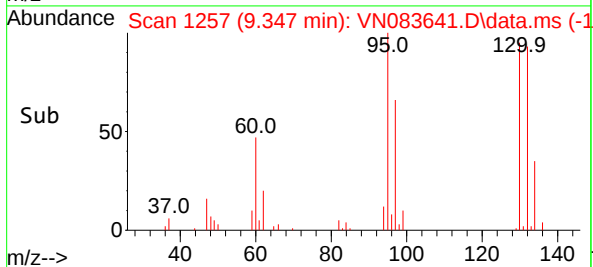
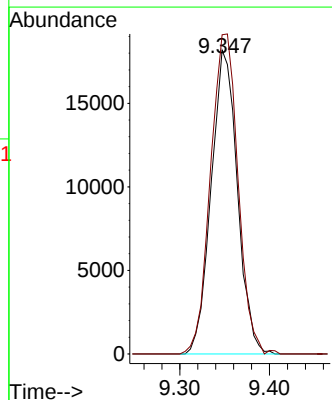
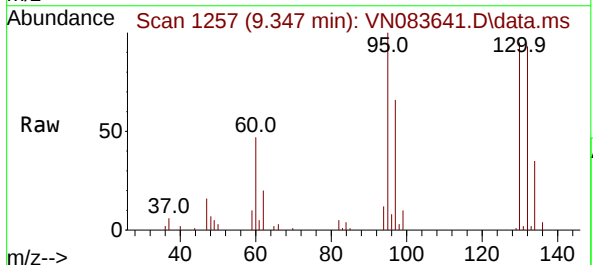
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 43 Resp: 96632  
Ion Ratio Lower Upper  
43 100  
61 24.9 19.4 29.0  
87 12.7 9.8 14.6



#44  
Trichloroethene  
Concen: 18.190 ug/l  
RT: 9.347 min Scan# 1257  
Delta R.T. 0.000 min  
Lab File: VN083641.D  
Acq: 04 Sep 2024 11:41

Tgt Ion:130 Resp: 36875  
Ion Ratio Lower Upper  
130 100  
95 105.1 0.0 200.4





#45

1,2-Dichloropropane

Concen: 20.037 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN083641.D

Acq: 04 Sep 2024 11:41

Instrument :

MSVOA\_N

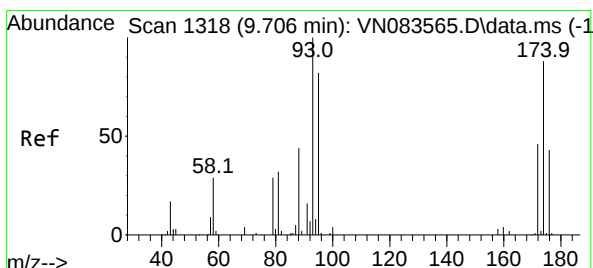
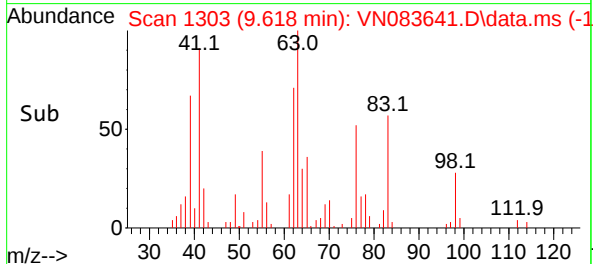
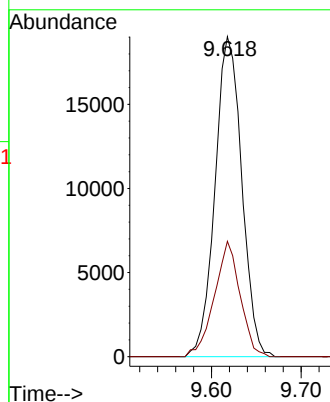
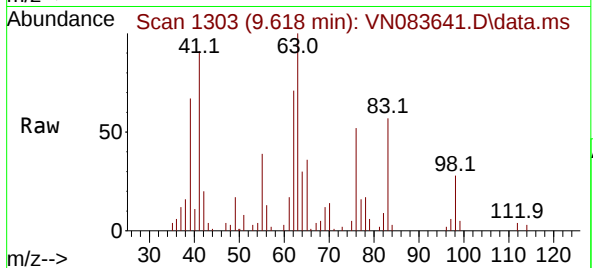
ClientSampleId :

Tgt Ion: 63 Resp: 39334

Ion Ratio Lower Upper

63 100

65 36.0 25.9 38.9



#46

Dibromomethane

Concen: 19.642 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN083641.D

Acq: 04 Sep 2024 11:41

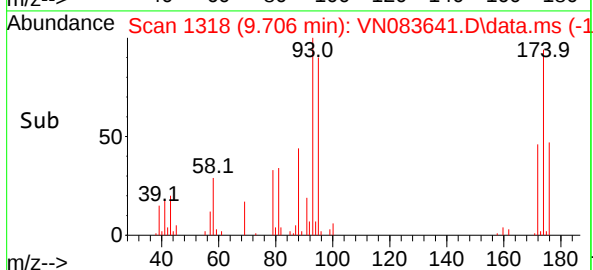
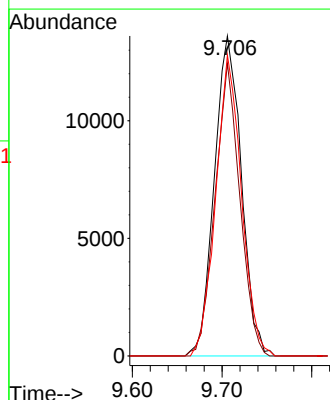
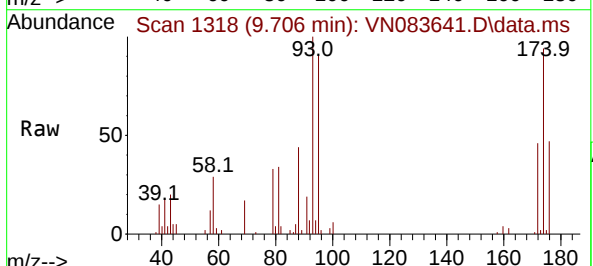
Tgt Ion: 93 Resp: 28447

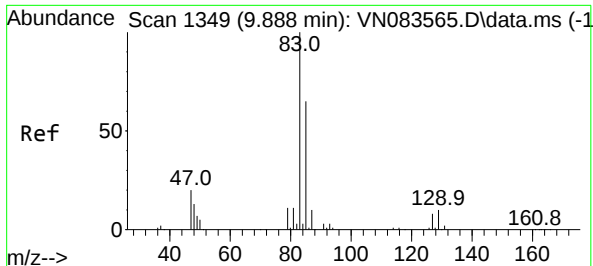
Ion Ratio Lower Upper

93 100

95 84.1 65.3 97.9

174 89.4 71.0 106.4





#47

Bromodichloromethane

Concen: 19.749 ug/l

RT: 9.888 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083641.D

Acq: 04 Sep 2024 11:41

Instrument :

MSVOA\_N

ClientSampleId :

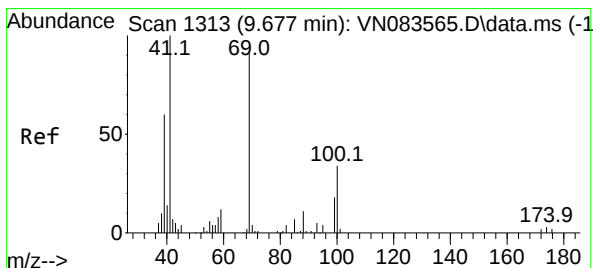
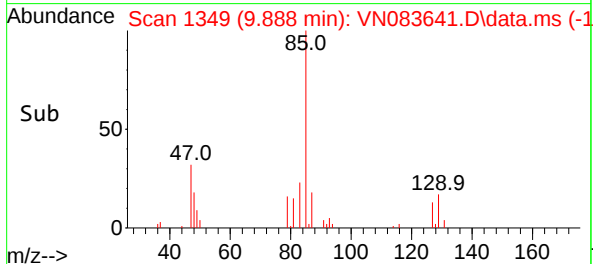
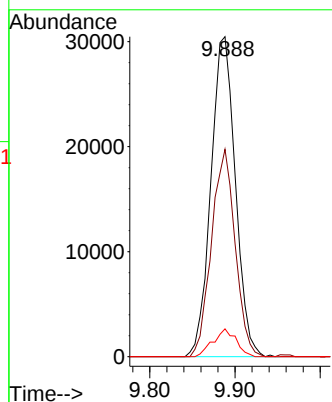
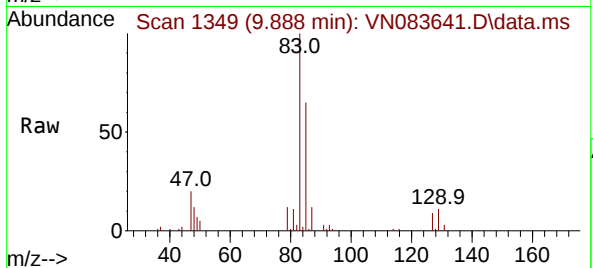
Tgt Ion: 83 Resp: 60886

Ion Ratio Lower Upper

83 100

85 64.8 51.8 77.8

127 8.7 6.6 9.8



#48

Methyl methacrylate

Concen: 19.894 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.006 min

Lab File: VN083641.D

Acq: 04 Sep 2024 11:41

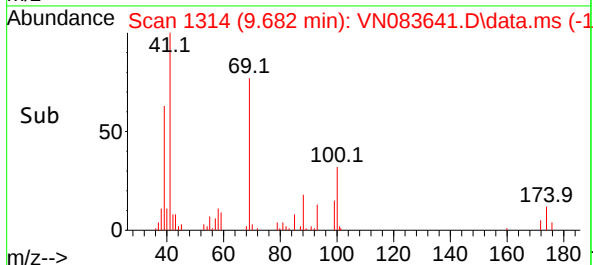
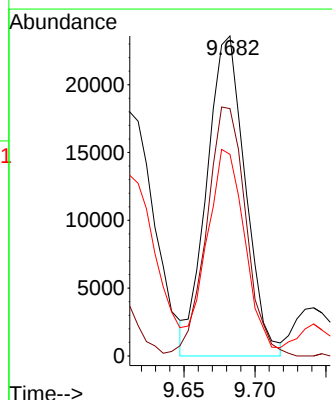
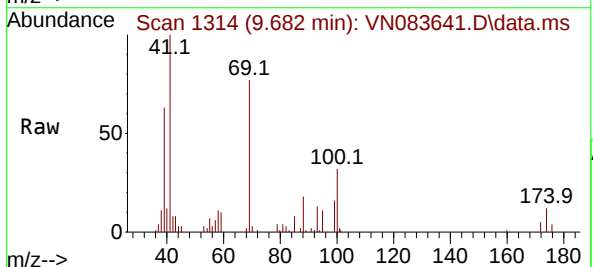
Tgt Ion: 41 Resp: 44486

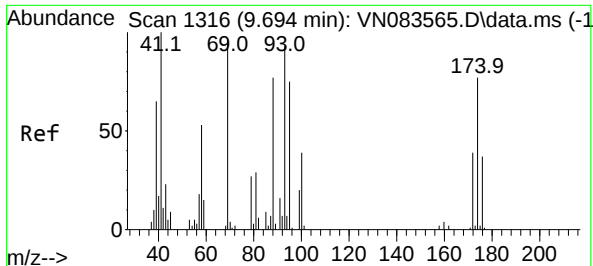
Ion Ratio Lower Upper

41 100

69 79.2 64.3 96.5

39 65.0 48.9 73.3





#49

1,4-Dioxane

Concen: 416.816 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN083641.D

Acq: 04 Sep 2024 11:41

Instrument :

MSVOA\_N

ClientSampleId :

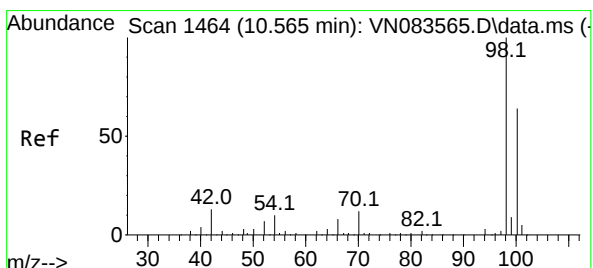
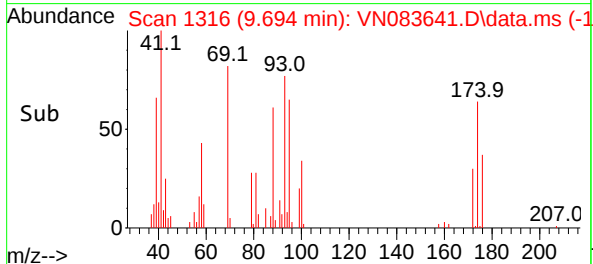
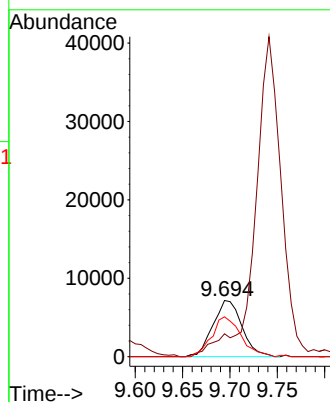
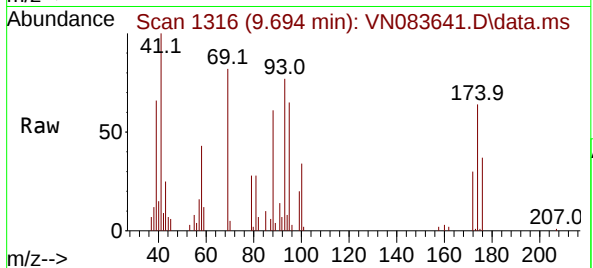
Tgt Ion: 88 Resp: 15273

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 71.2 57.1 85.7



#50

Toluene-d8

Concen: 54.192 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083641.D

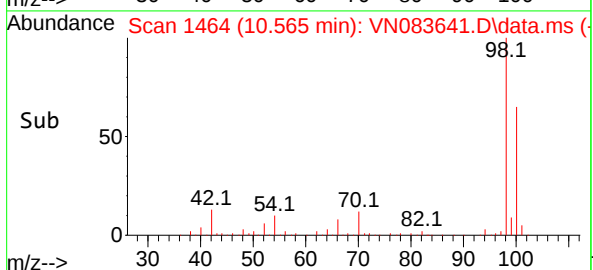
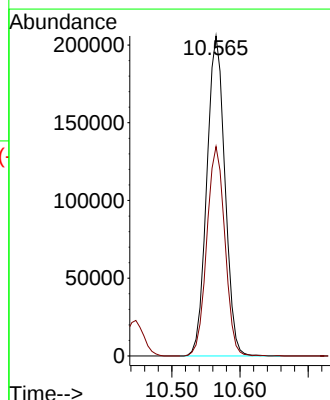
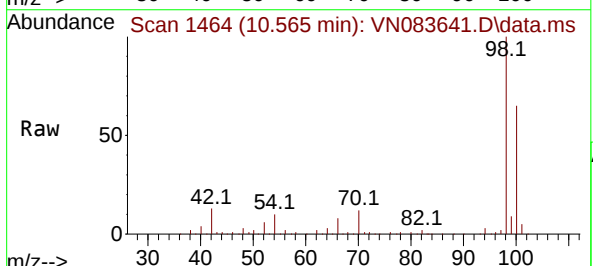
Acq: 04 Sep 2024 11:41

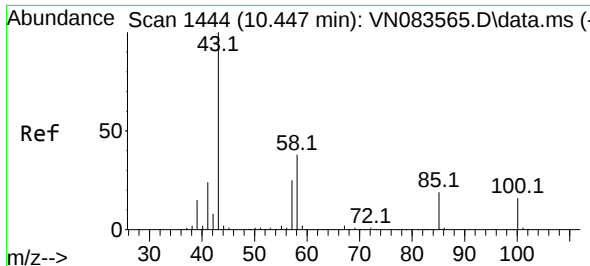
Tgt Ion: 98 Resp: 380130

Ion Ratio Lower Upper

98 100

100 65.3 52.0 78.0

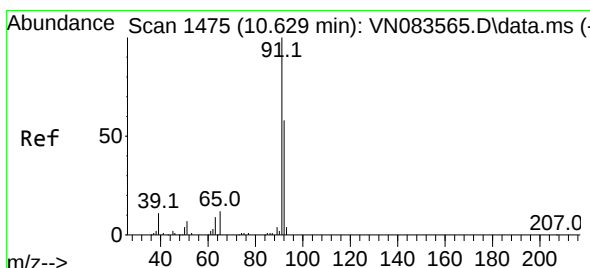
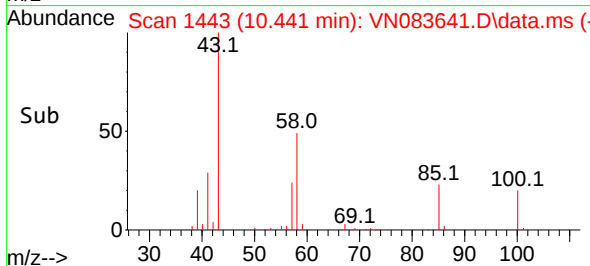
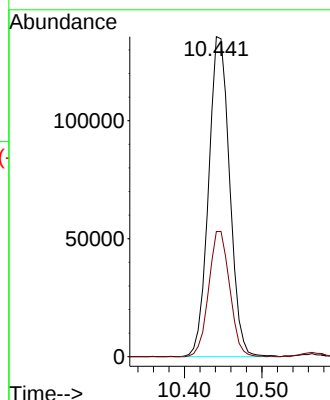
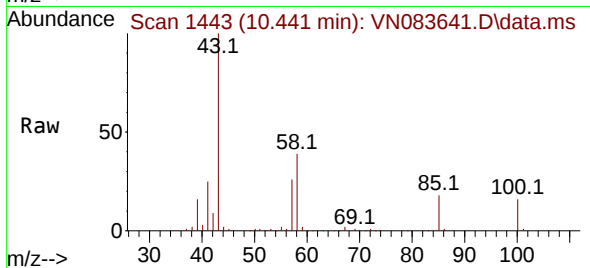




#51  
4-Methyl-2-Pentanone  
Concen: 101.227 ug/l  
RT: 10.441 min Scan# 1444  
Delta R.T. -0.006 min  
Lab File: VN083641.D  
Acq: 04 Sep 2024 11:41

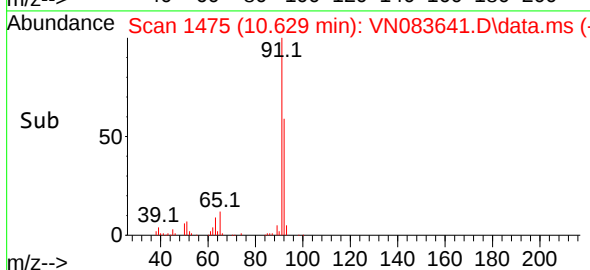
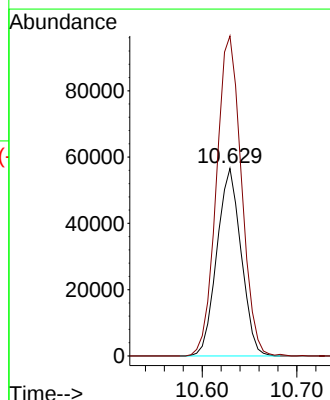
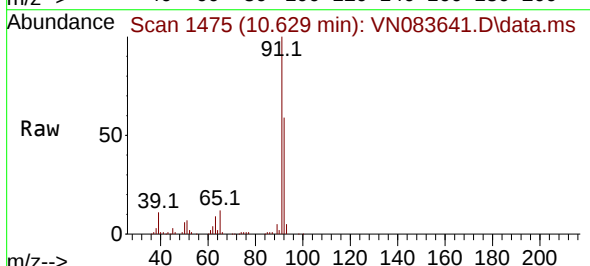
Instrument :  
MSVOA\_N  
ClientSampleId :

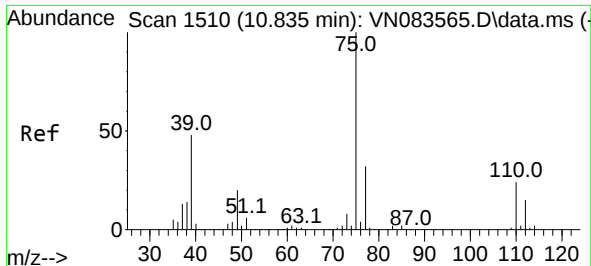
Tgt Ion: 43 Resp: 256580  
Ion Ratio Lower Upper  
43 100  
58 39.0 31.6 47.4



#52  
Toluene  
Concen: 19.087 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VN083641.D  
Acq: 04 Sep 2024 11:41

Tgt Ion: 92 Resp: 100600  
Ion Ratio Lower Upper  
92 100  
91 176.4 134.7 202.1

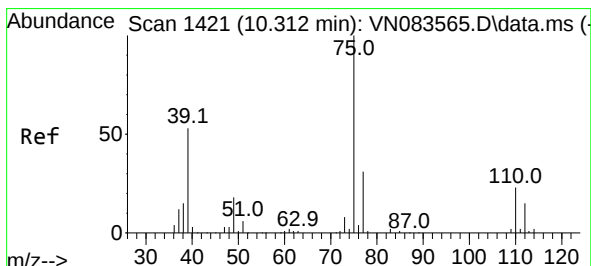
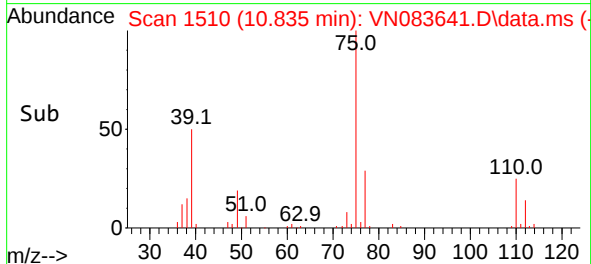
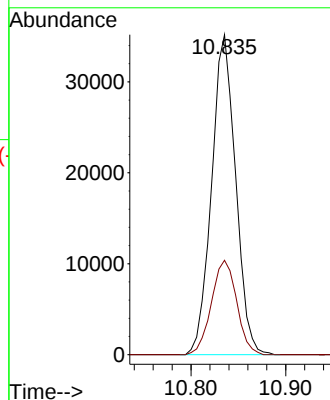
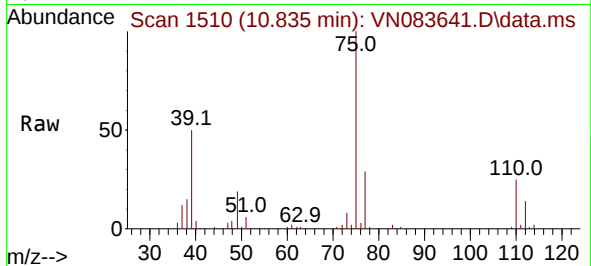




#53  
t-1,3-Dichloropropene  
Concen: 19.436 ug/l  
RT: 10.835 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN083641.D  
Acq: 04 Sep 2024 11:41

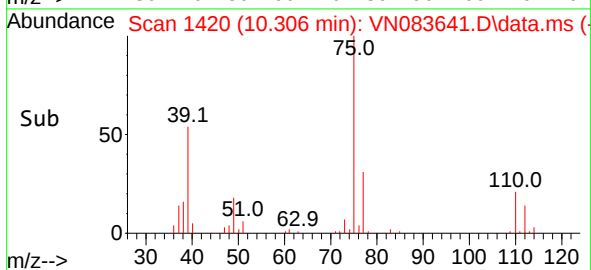
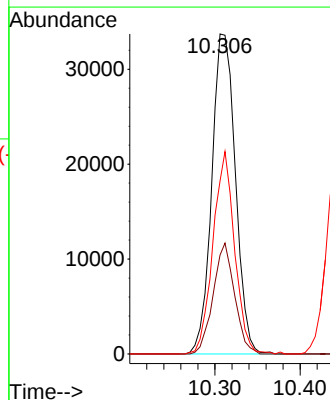
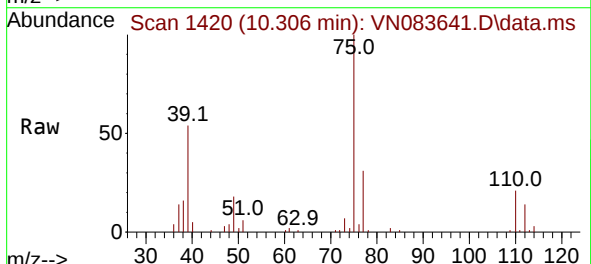
Instrument :  
MSVOA\_N  
ClientSampleId :

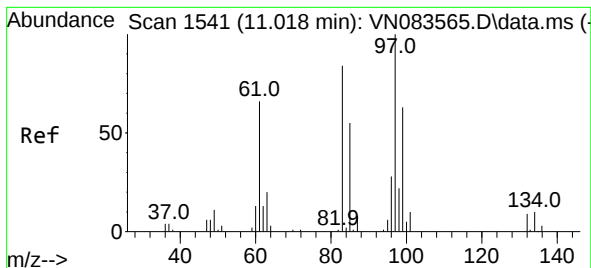
Tgt Ion: 75 Resp: 62030  
Ion Ratio Lower Upper  
75 100  
77 29.5 25.8 38.6



#54  
cis-1,3-Dichloropropene  
Concen: 19.393 ug/l  
RT: 10.306 min Scan# 1420  
Delta R.T. -0.006 min  
Lab File: VN083641.D  
Acq: 04 Sep 2024 11:41

Tgt Ion: 75 Resp: 64966  
Ion Ratio Lower Upper  
75 100  
77 30.9 25.0 37.6  
39 54.1 42.6 64.0

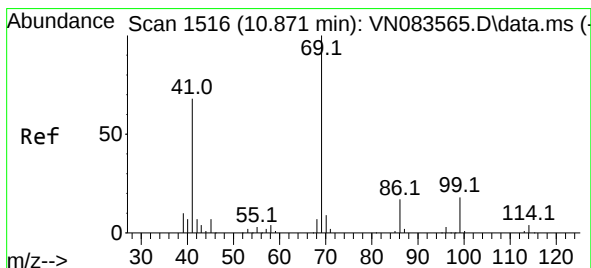
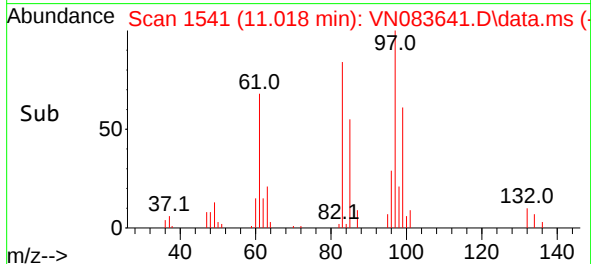
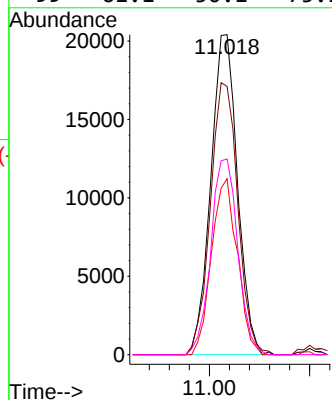
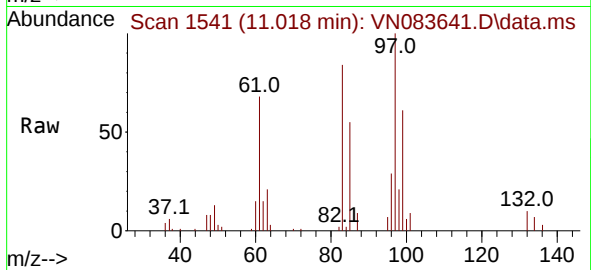




#55  
1,1,2-Trichloroethane  
Concen: 20.089 ug/l  
RT: 11.018 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN083641.D  
Acq: 04 Sep 2024 11:41

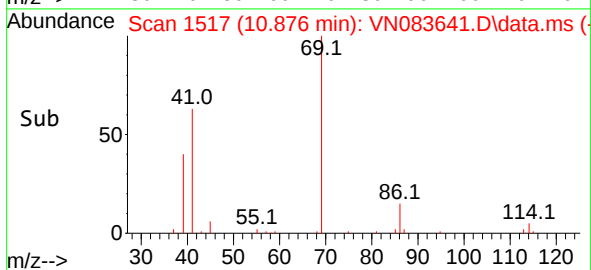
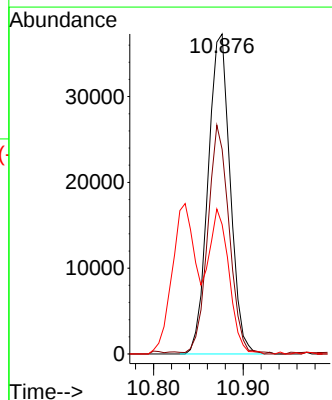
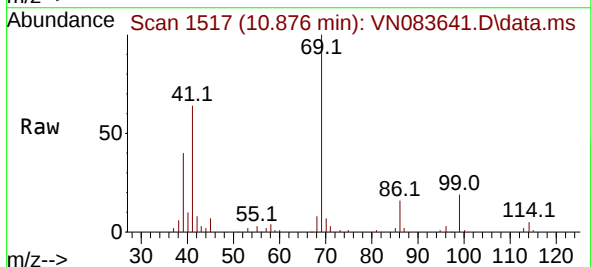
Instrument :  
MSVOA\_N  
ClientSampleId :

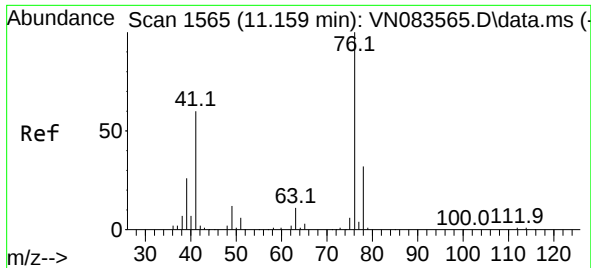
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 37791 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 83.8  | 67.5  | 101.3 |
| 85       | 55.0  | 44.2  | 66.2  |
| 99       | 61.1  | 50.1  | 75.1  |



#56  
Ethyl methacrylate  
Concen: 20.435 ug/l  
RT: 10.876 min Scan# 1517  
Delta R.T. 0.006 min  
Lab File: VN083641.D  
Acq: 04 Sep 2024 11:41

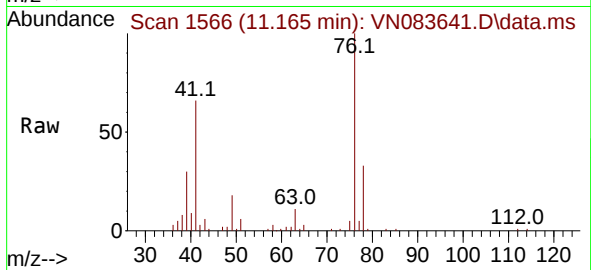
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 63594 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 69.7  | 53.9  | 80.9  |
| 39       | 42.5  | 32.6  | 48.8  |



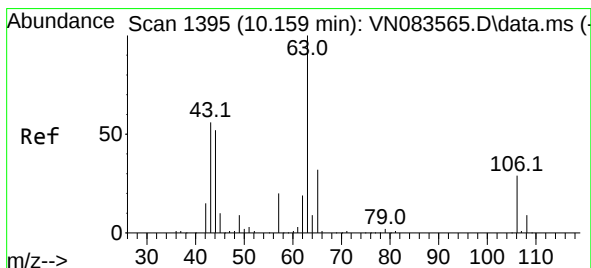
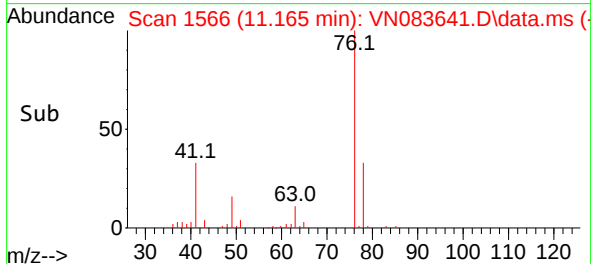
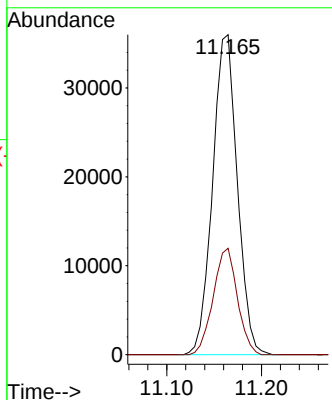


#57  
1,3-Dichloropropane  
Concen: 19.596 ug/l  
RT: 11.165 min Scan# 1566  
Delta R.T. 0.006 min  
Lab File: VN083641.D  
Acq: 04 Sep 2024 11:41

Instrument :  
MSVOA\_N  
ClientSampleId :

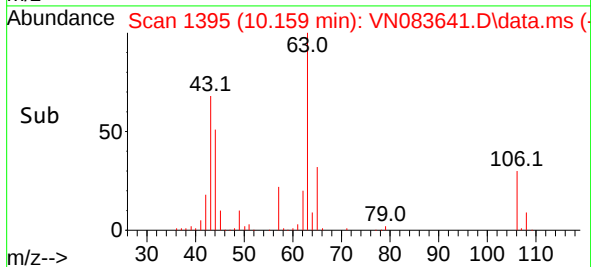
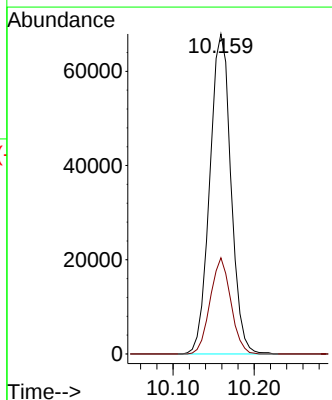
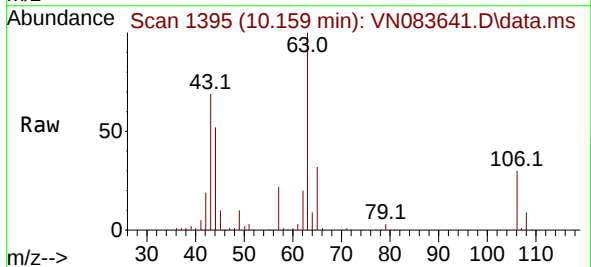


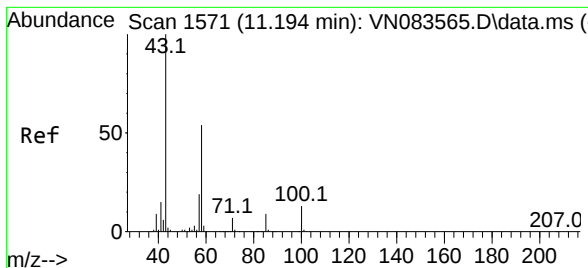
Tgt Ion: 76 Resp: 65262  
Ion Ratio Lower Upper  
76 100  
78 32.5 25.8 38.6



#58  
2-Chloroethyl Vinyl ether  
Concen: 91.013 ug/l  
RT: 10.159 min Scan# 1395  
Delta R.T. 0.000 min  
Lab File: VN083641.D  
Acq: 04 Sep 2024 11:41

Tgt Ion: 63 Resp: 123071  
Ion Ratio Lower Upper  
63 100  
106 29.2 23.3 34.9

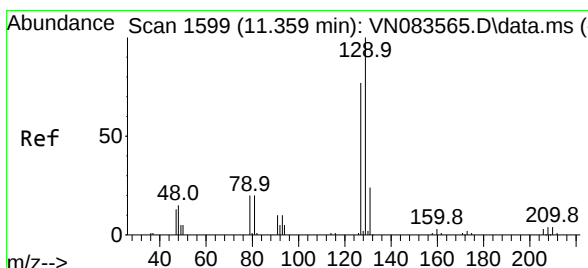
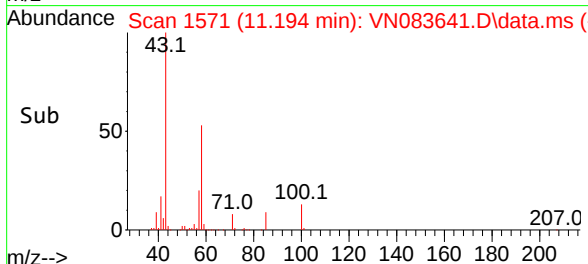
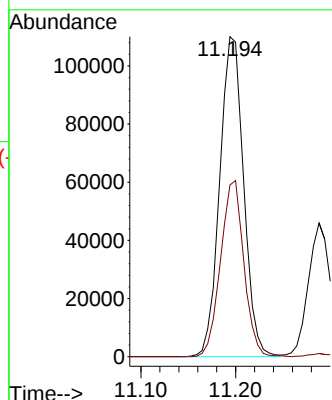
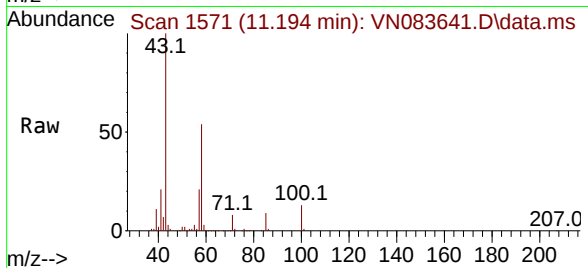




#59  
2-Hexanone  
Concen: 101.697 ug/l  
RT: 11.194 min Scan# 1571  
Delta R.T. 0.000 min  
Lab File: VN083641.D  
Acq: 04 Sep 2024 11:41

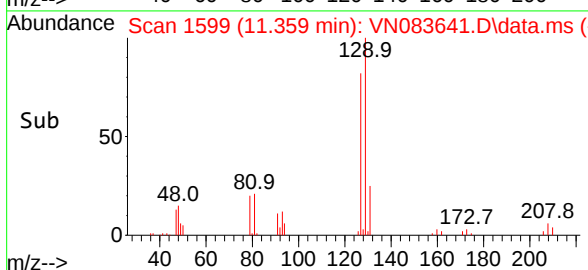
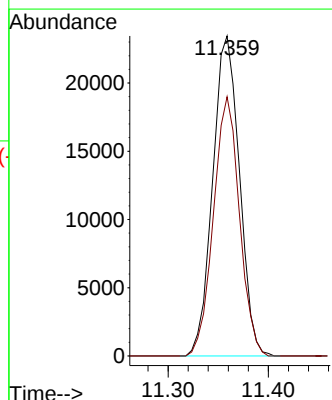
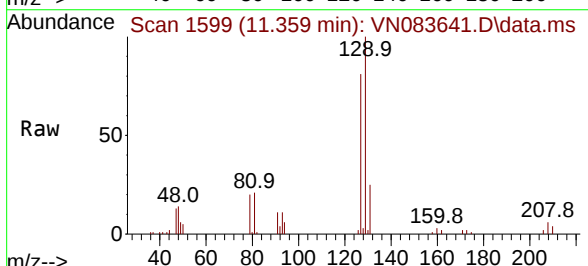
Instrument :  
MSVOA\_N  
ClientSampleId :

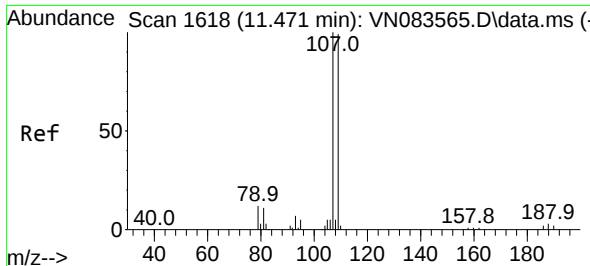
Tgt Ion: 43 Resp: 193451  
Ion Ratio Lower Upper  
43 100  
58 53.6 27.2 81.5



#60  
Dibromochloromethane  
Concen: 19.901 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. 0.000 min  
Lab File: VN083641.D  
Acq: 04 Sep 2024 11:41

Tgt Ion:129 Resp: 43380  
Ion Ratio Lower Upper  
129 100  
127 78.6 39.0 116.9

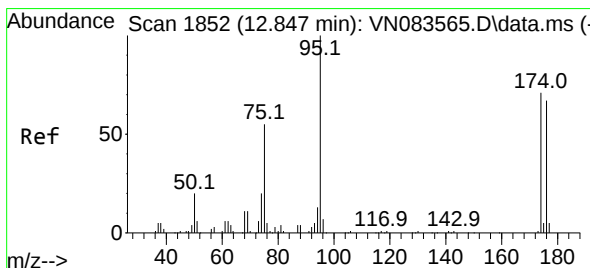
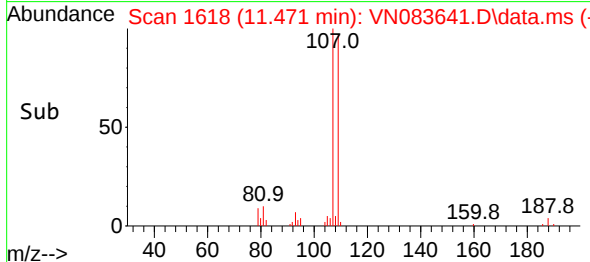
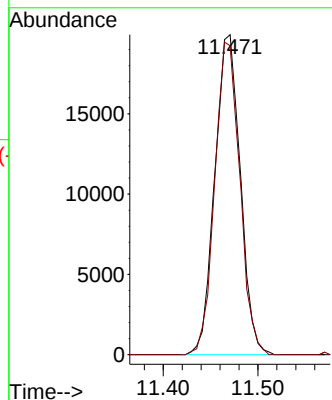
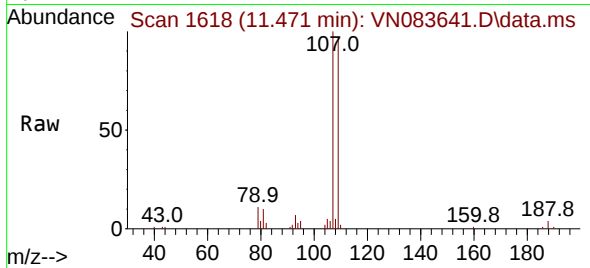




#61  
1,2-Dibromoethane  
Concen: 19.386 ug/l  
RT: 11.471 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN083641.D  
Acq: 04 Sep 2024 11:41

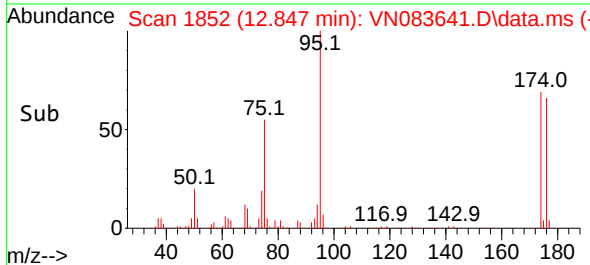
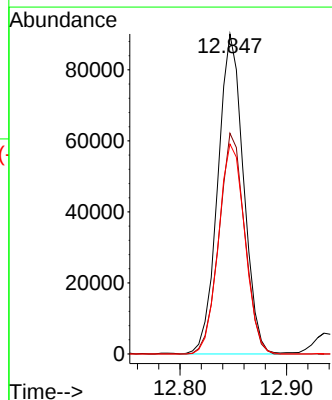
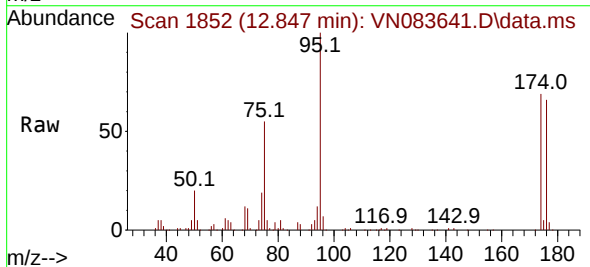
Instrument :  
MSVOA\_N  
ClientSampleId :

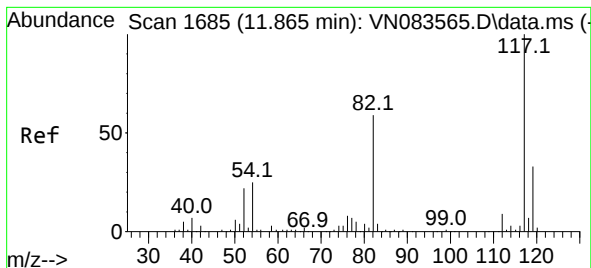
Tgt Ion:107 Resp: 37258  
Ion Ratio Lower Upper  
107 100  
109 96.0 75.6 113.4



#62  
4-Bromofluorobenzene  
Concen: 58.068 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. 0.000 min  
Lab File: VN083641.D  
Acq: 04 Sep 2024 11:41

Tgt Ion: 95 Resp: 150447  
Ion Ratio Lower Upper  
95 100  
174 69.1 0.0 139.8  
176 67.6 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083641.D

Acq: 04 Sep 2024 11:41

Instrument :

MSVOA\_N

ClientSampleId :

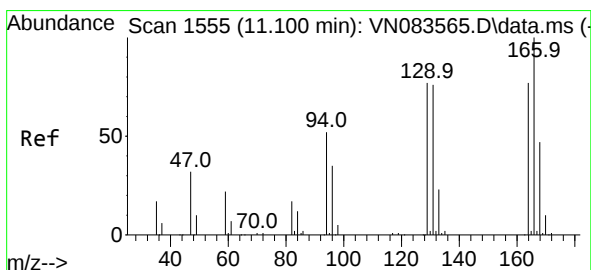
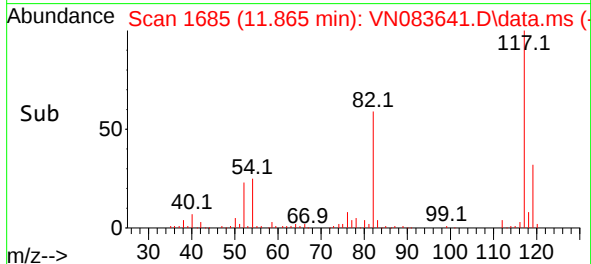
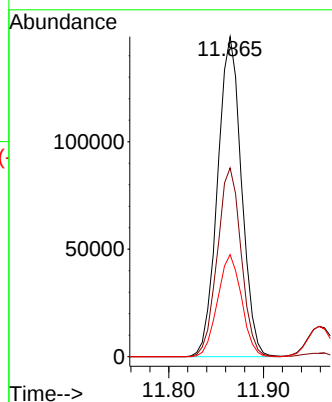
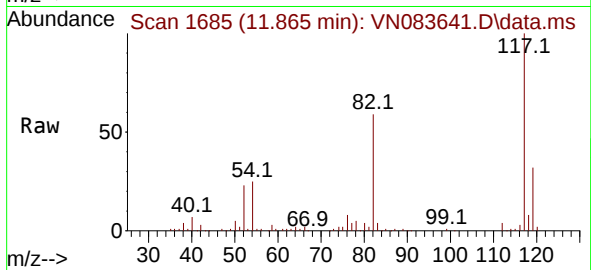
Tgt Ion:117 Resp: 261466

Ion Ratio Lower Upper

117 100

82 59.0 47.4 71.0

119 31.9 26.3 39.5



#64

Tetrachloroethene

Concen: 18.353 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VN083641.D

Acq: 04 Sep 2024 11:41

Tgt Ion:164 Resp: 31542

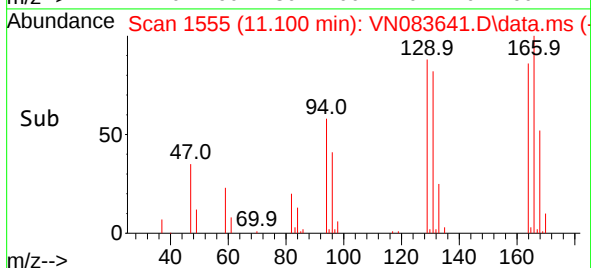
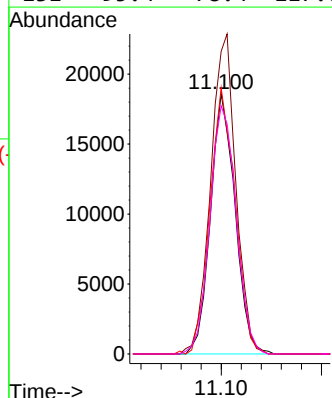
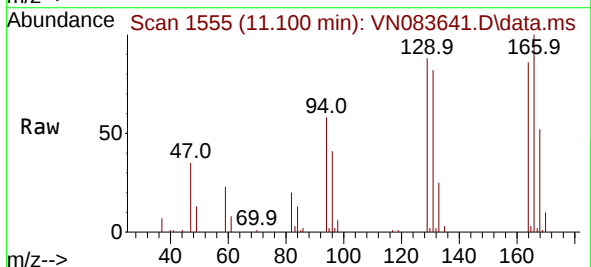
Ion Ratio Lower Upper

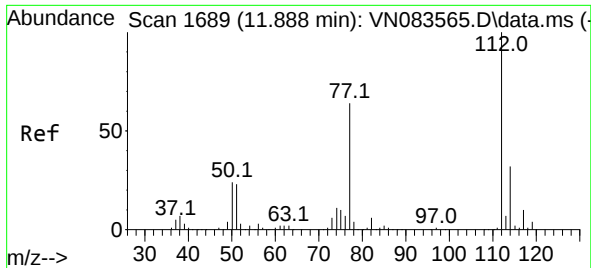
164 100

166 116.3 103.7 155.5

129 102.2 79.9 119.9

131 95.4 78.4 117.6

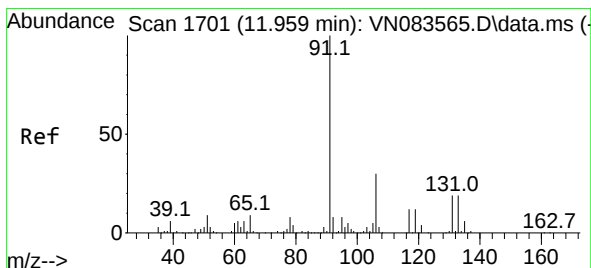
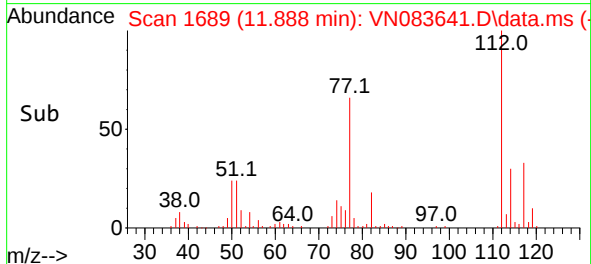
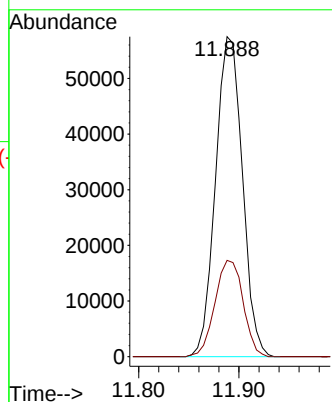
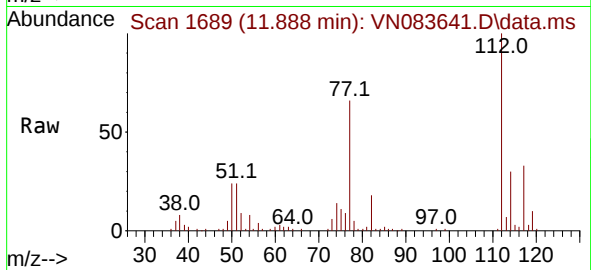




#65  
Chlorobenzene  
Concen: 18.249 ug/l  
RT: 11.888 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN083641.D  
Acq: 04 Sep 2024 11:41

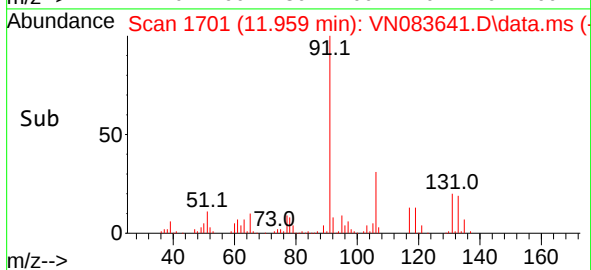
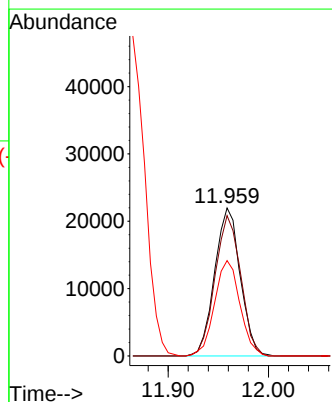
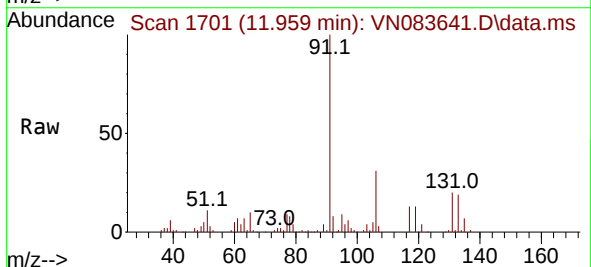
Instrument :  
MSVOA\_N  
ClientSampleId :

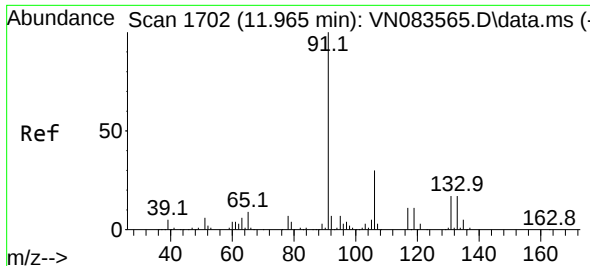
Tgt Ion:112 Resp: 107007  
Ion Ratio Lower Upper  
112 100  
114 30.1 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.658 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VN083641.D  
Acq: 04 Sep 2024 11:41

Tgt Ion:131 Resp: 38918  
Ion Ratio Lower Upper  
131 100  
133 95.4 47.5 142.6  
119 64.1 31.6 94.8

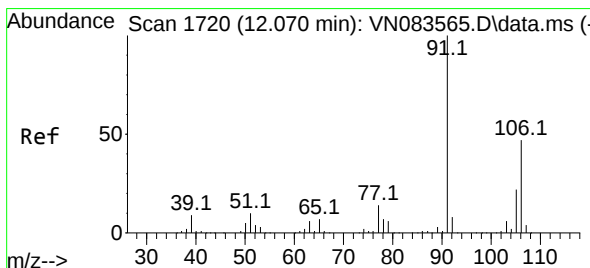
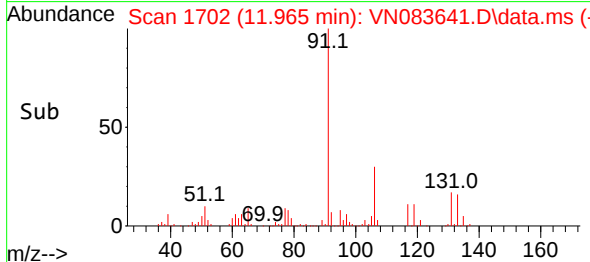
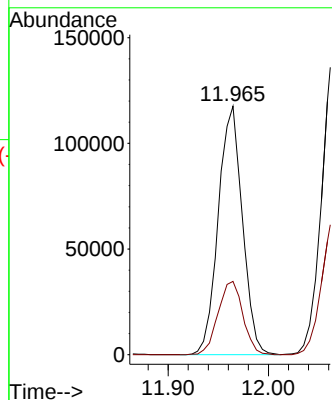
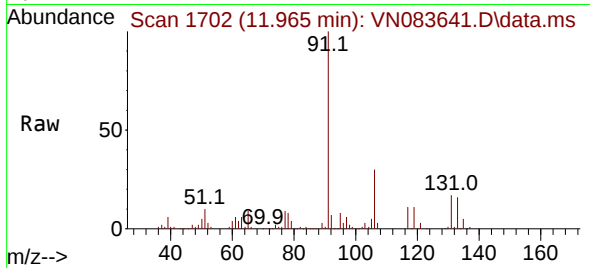




#67  
Ethyl Benzene  
Concen: 18.771 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. 0.000 min  
Lab File: VN083641.D  
Acq: 04 Sep 2024 11:41

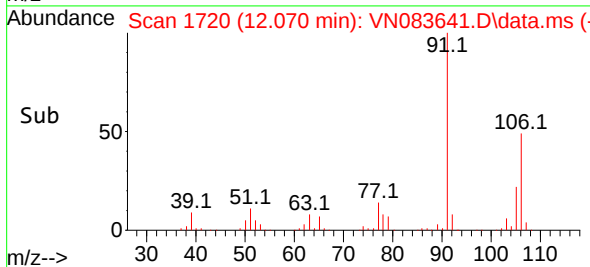
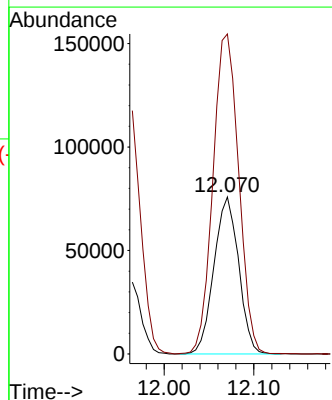
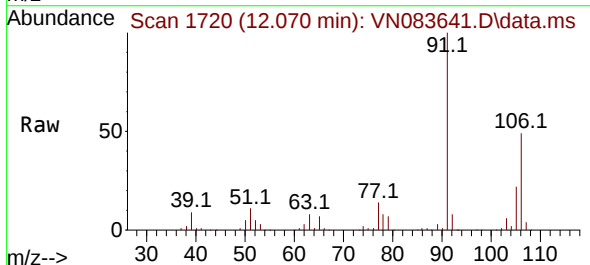
Instrument :  
MSVOA\_N  
ClientSampleId :

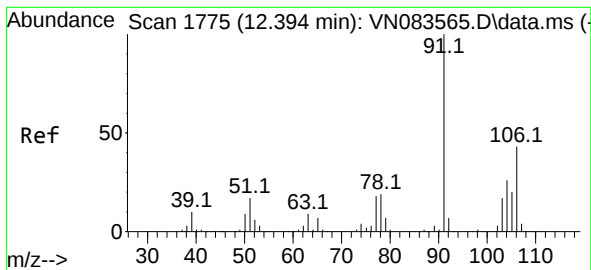
Tgt Ion: 91 Resp: 196476  
Ion Ratio Lower Upper  
91 100  
106 29.5 24.3 36.5



#68  
m/p-Xylenes  
Concen: 36.727 ug/l  
RT: 12.070 min Scan# 1720  
Delta R.T. 0.000 min  
Lab File: VN083641.D  
Acq: 04 Sep 2024 11:41

Tgt Ion:106 Resp: 144816  
Ion Ratio Lower Upper  
106 100  
91 212.6 169.2 253.8





#69

o-Xylene

Concen: 18.935 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN083641.D

Acq: 04 Sep 2024 11:41

Instrument :

MSVOA\_N

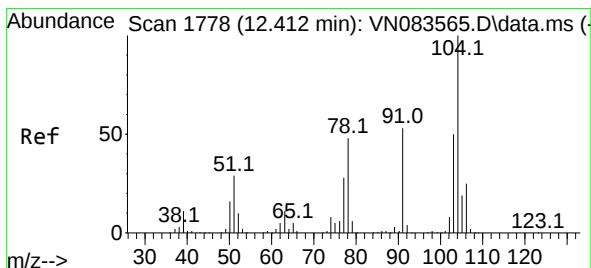
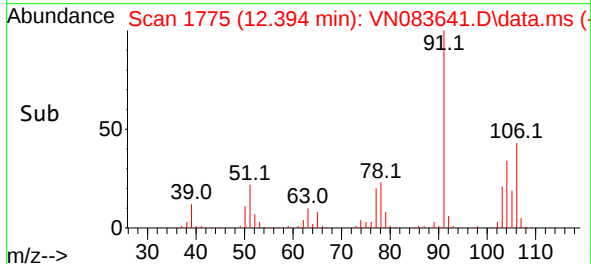
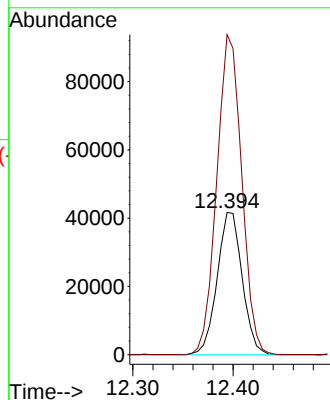
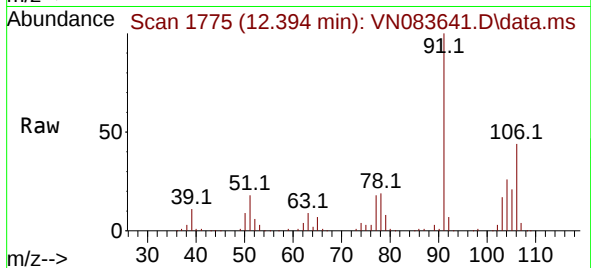
ClientSampleId :

Tgt Ion:106 Resp: 72163

Ion Ratio Lower Upper

106 100

91 224.5 112.9 338.6



#70

Styrene

Concen: 18.476 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN083641.D

Acq: 04 Sep 2024 11:41

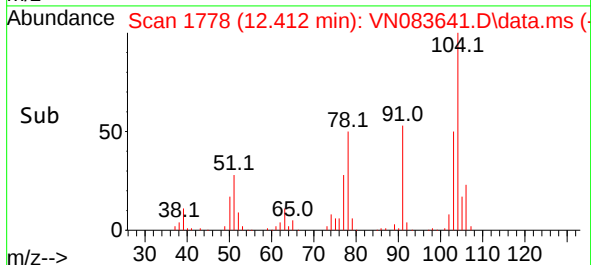
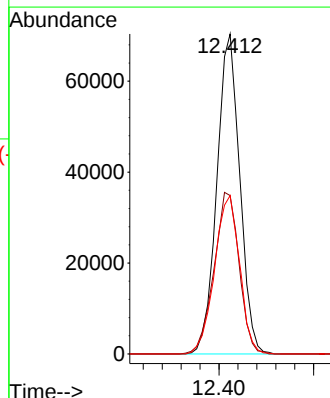
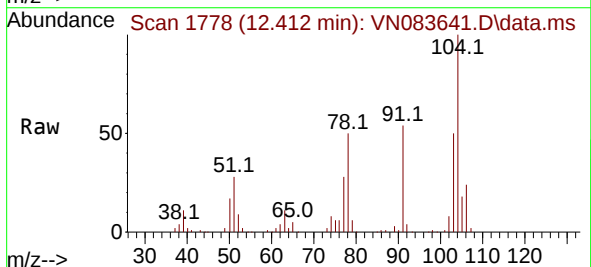
Tgt Ion:104 Resp: 118392

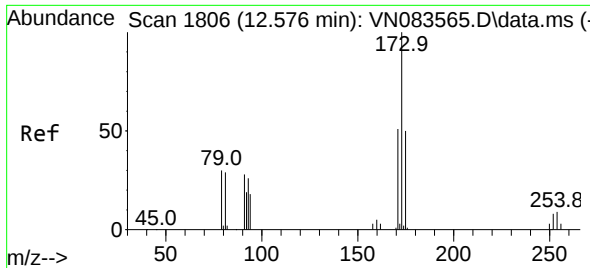
Ion Ratio Lower Upper

104 100

78 55.1 43.3 64.9

103 53.9 43.4 65.2

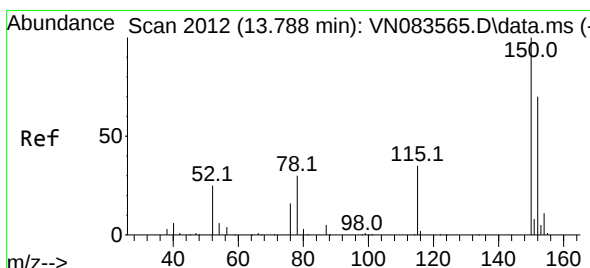
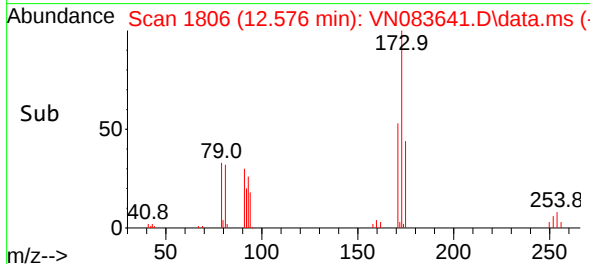
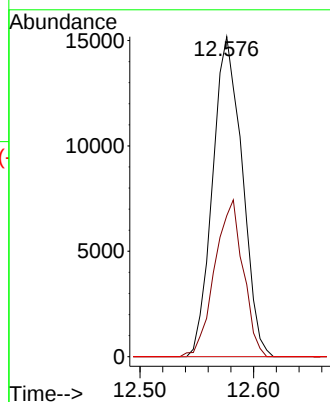
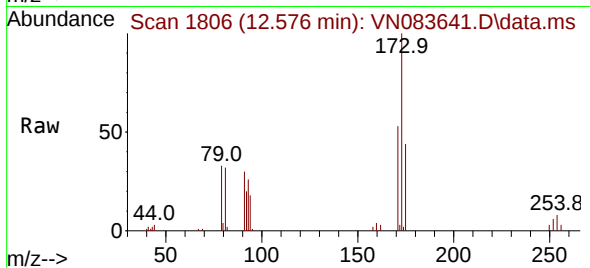




#71  
Bromoform  
Concen: 19.459 ug/l  
RT: 12.576 min Scan# 1806  
Delta R.T. 0.000 min  
Lab File: VN083641.D  
Acq: 04 Sep 2024 11:41

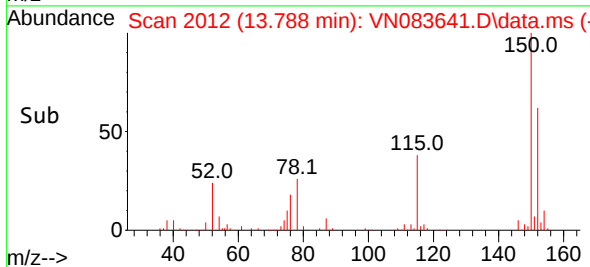
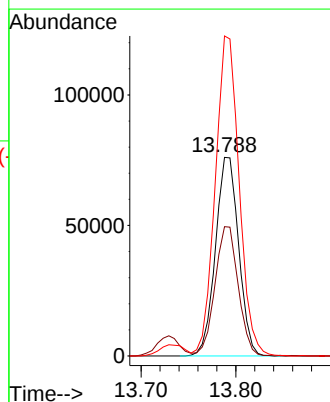
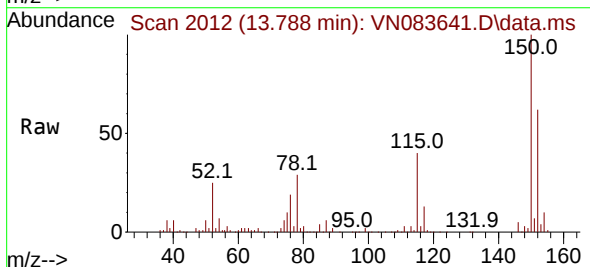
Instrument :  
MSVOA\_N  
ClientSampleId :

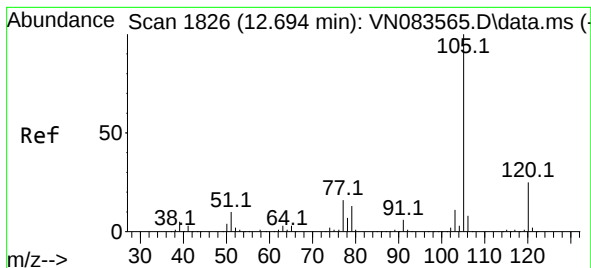
Tgt Ion:173 Resp: 27440  
Ion Ratio Lower Upper  
173 100  
175 47.2 24.1 72.2  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.788 min Scan# 2012  
Delta R.T. 0.000 min  
Lab File: VN083641.D  
Acq: 04 Sep 2024 11:41

Tgt Ion:152 Resp: 129704  
Ion Ratio Lower Upper  
152 100  
115 65.3 32.2 96.6  
150 165.8 0.0 348.6





#73

Isopropylbenzene

Concen: 18.292 ug/l

RT: 12.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083641.D

Acq: 04 Sep 2024 11:41

Instrument :

MSVOA\_N

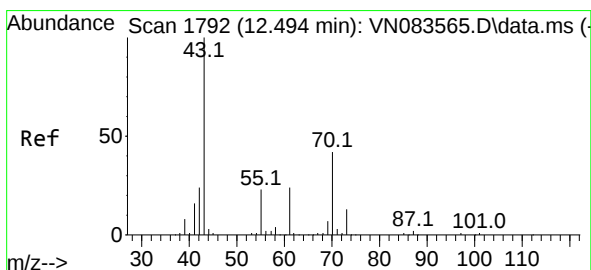
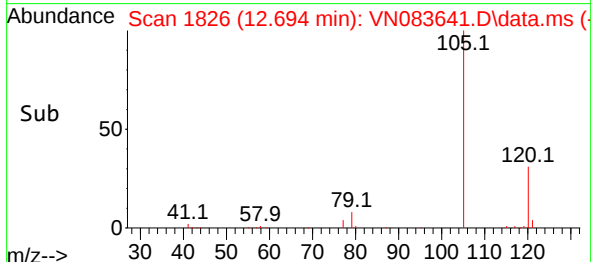
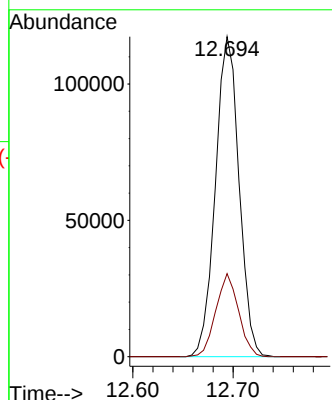
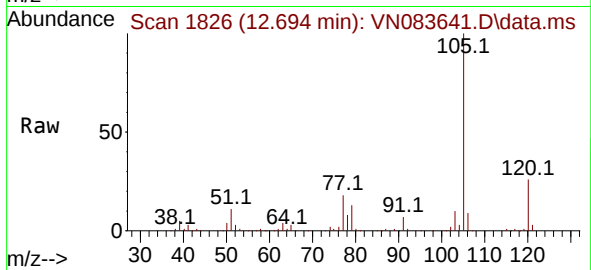
ClientSampleId :

Tgt Ion:105 Resp: 192029

Ion Ratio Lower Upper

105 100

120 24.9 12.6 37.8



#74

N-ethyl acetate

Concen: 18.424 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN083641.D

Acq: 04 Sep 2024 11:41

Tgt Ion: 43 Resp: 83952

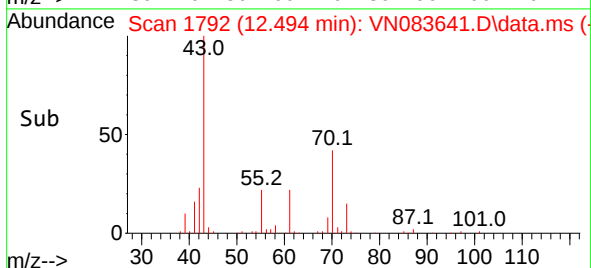
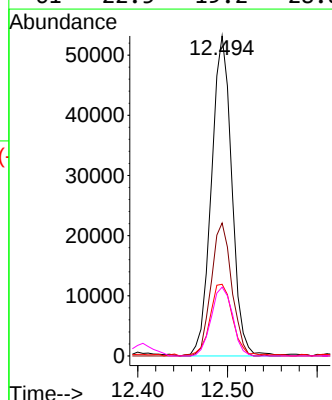
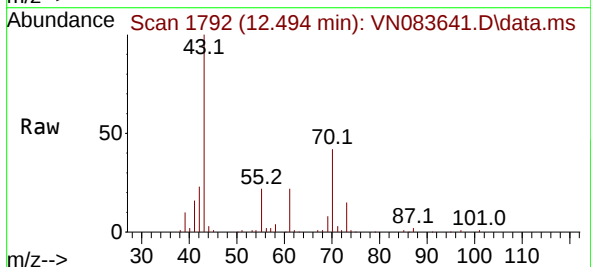
Ion Ratio Lower Upper

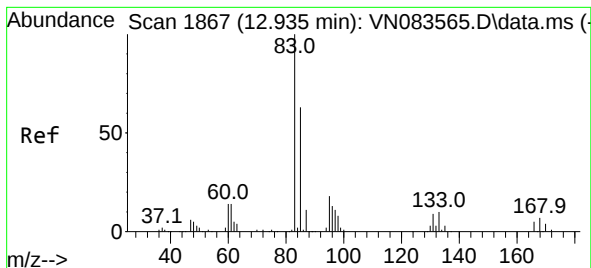
43 100

70 41.7 34.5 51.7

55 25.1 18.6 28.0

61 22.5 19.2 28.8

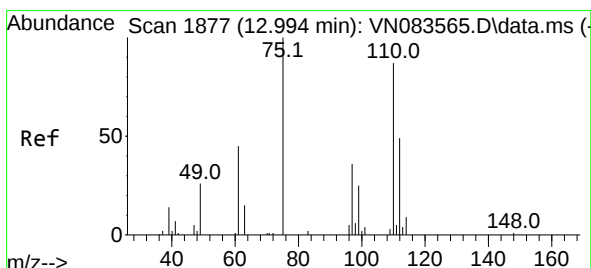
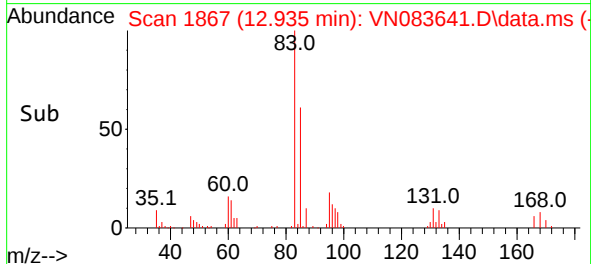
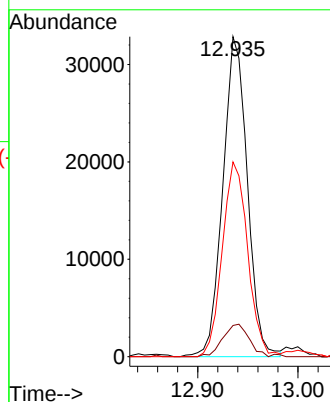
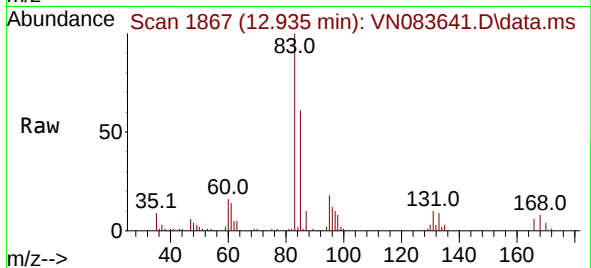




#75  
1,1,2,2-Tetrachloroethane  
Concen: 18.712 ug/l  
RT: 12.935 min Scan# 1867  
Delta R.T. 0.000 min  
Lab File: VN083641.D  
Acq: 04 Sep 2024 11:41

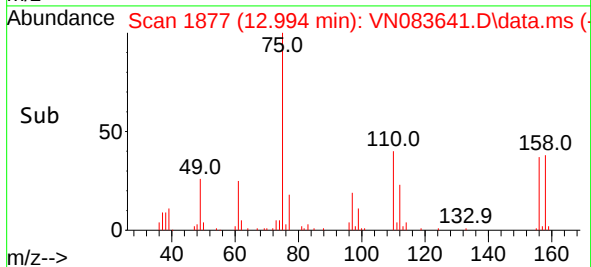
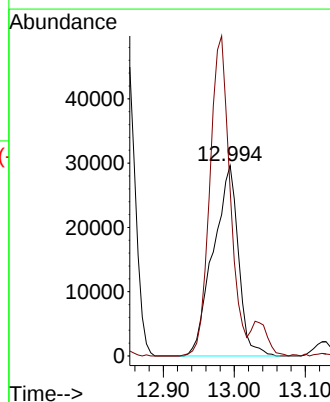
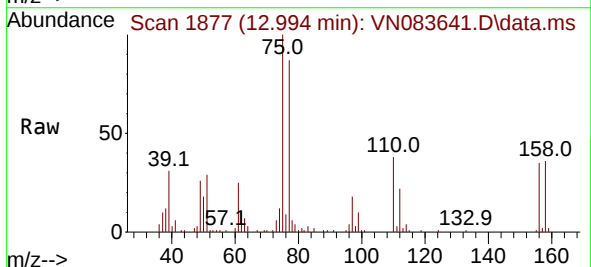
Instrument :  
MSVOA\_N  
ClientSampleId :

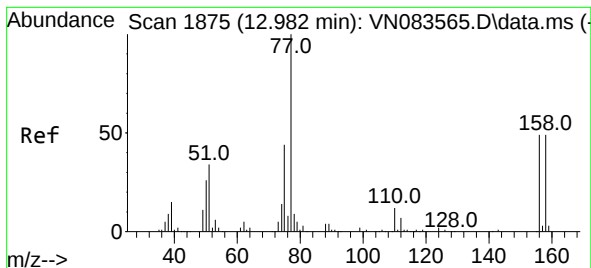
|             |                |
|-------------|----------------|
| Tgt Ion: 83 | Resp: 55768    |
| Ion Ratio   | Lower Upper    |
| 83          | 100            |
| 131         | 11.1 5.2 15.6  |
| 85          | 62.9 31.9 95.9 |



#76  
1,2,3-Trichloropropane  
Concen: 27.839 ug/l  
RT: 12.994 min Scan# 1877  
Delta R.T. 0.000 min  
Lab File: VN083641.D  
Acq: 04 Sep 2024 11:41

|             |                  |
|-------------|------------------|
| Tgt Ion: 75 | Resp: 72902      |
| Ion Ratio   | Lower Upper      |
| 75          | 100              |
| 77          | 134.7 95.2 285.6 |





#77

Bromobenzene

Concen: 16.990 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN083641.D

Acq: 04 Sep 2024 11:41

Instrument :

MSVOA\_N

ClientSampleId :

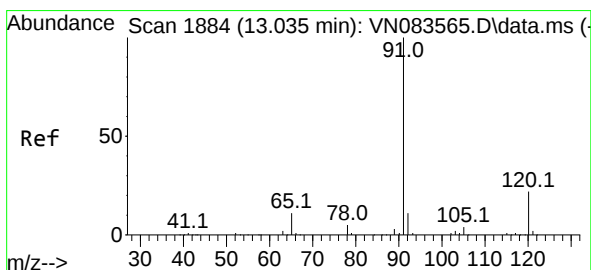
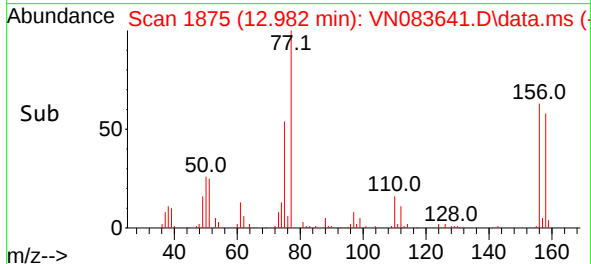
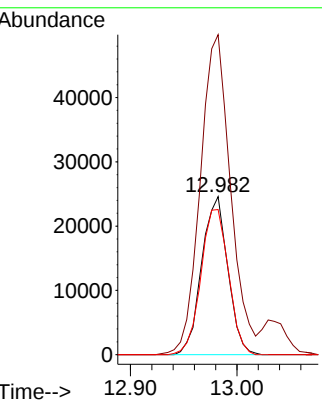
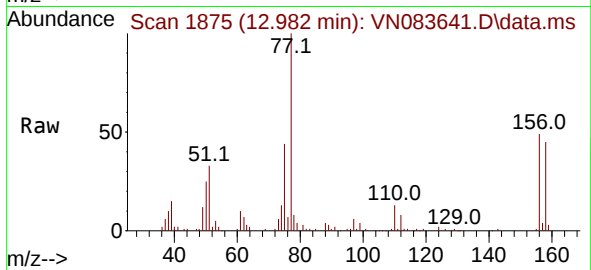
Tgt Ion:156 Resp: 41846

Ion Ratio Lower Upper

156 100

77 234.7 114.3 343.1

158 97.2 48.9 146.7



#78

n-propylbenzene

Concen: 17.469 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN083641.D

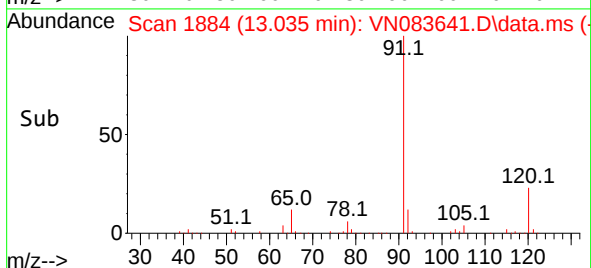
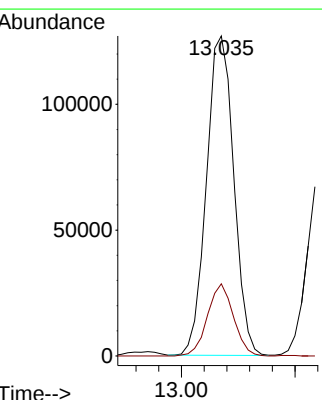
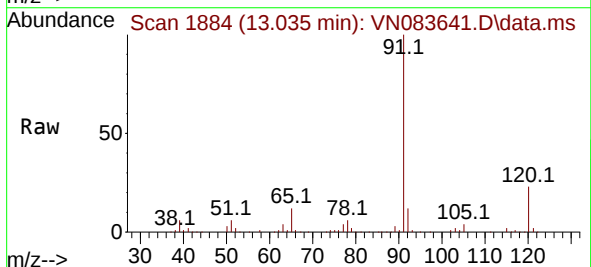
Acq: 04 Sep 2024 11:41

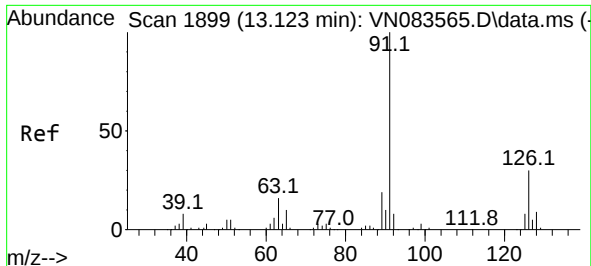
Tgt Ion: 91 Resp: 212026

Ion Ratio Lower Upper

91 100

120 21.5 11.0 33.0

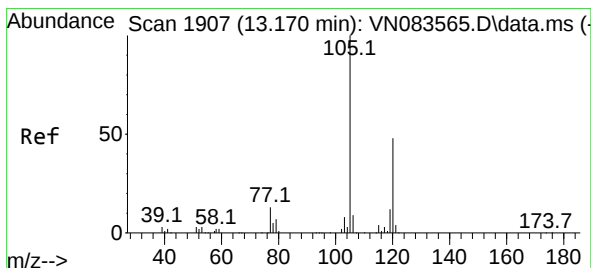
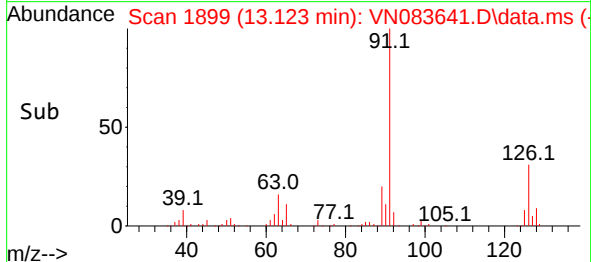
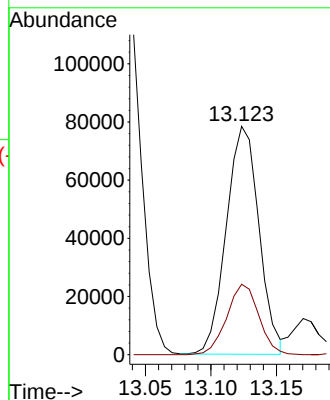
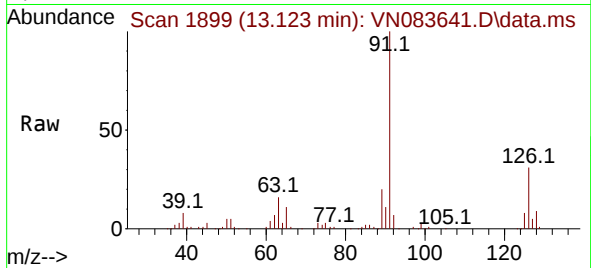




#79  
2-Chlorotoluene  
Concen: 17.294 ug/l  
RT: 13.123 min Scan# 1899  
Delta R.T. 0.000 min  
Lab File: VN083641.D  
Acq: 04 Sep 2024 11:41

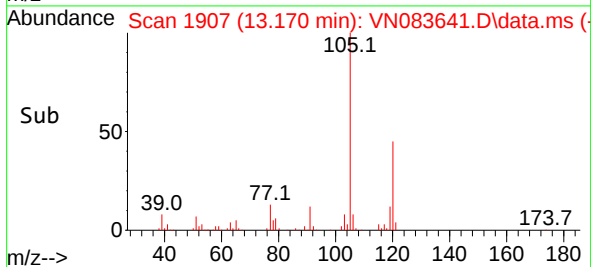
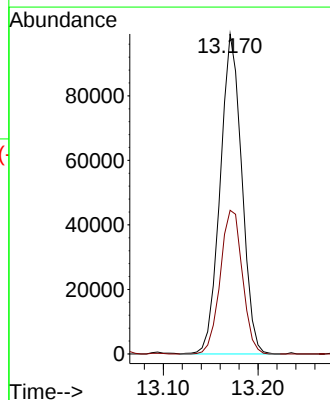
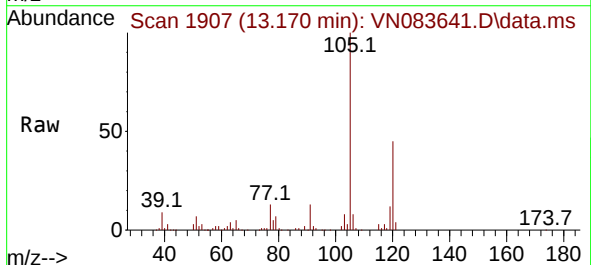
Instrument :  
MSVOA\_N  
ClientSampleId :

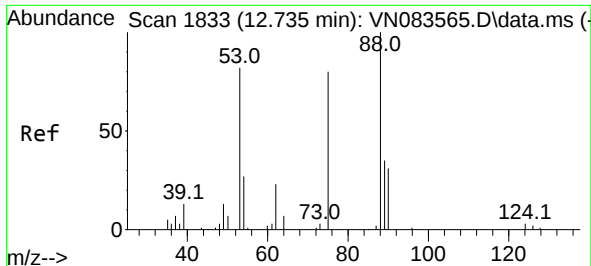
Tgt Ion: 91 Resp: 136019  
Ion Ratio Lower Upper  
91 100  
126 30.2 15.4 46.2



#80  
1,3,5-Trimethylbenzene  
Concen: 17.764 ug/l  
RT: 13.170 min Scan# 1907  
Delta R.T. 0.000 min  
Lab File: VN083641.D  
Acq: 04 Sep 2024 11:41

Tgt Ion: 105 Resp: 157103  
Ion Ratio Lower Upper  
105 100  
120 46.0 23.4 70.3

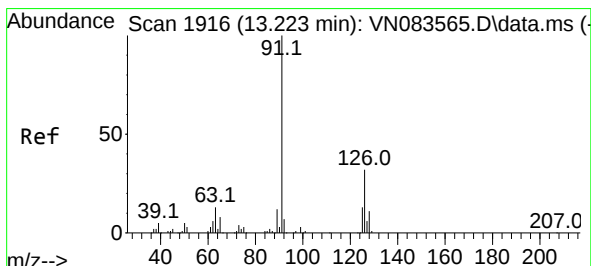
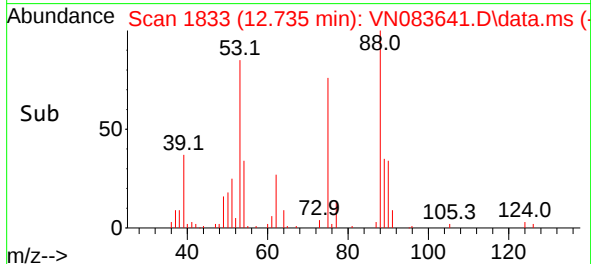
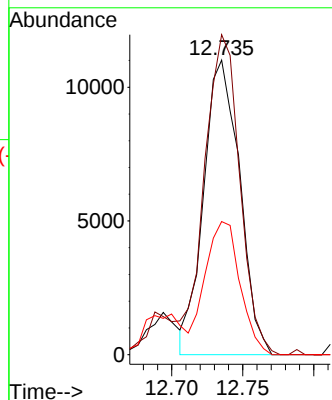
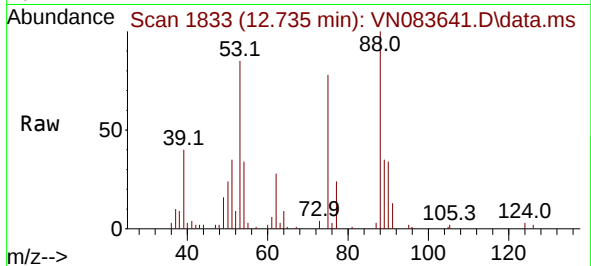




#81  
trans-1,4-Dichloro-2-butene  
Concen: 17.512 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. 0.000 min  
Lab File: VN083641.D  
Acq: 04 Sep 2024 11:41

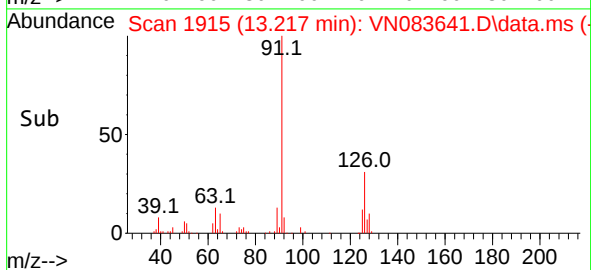
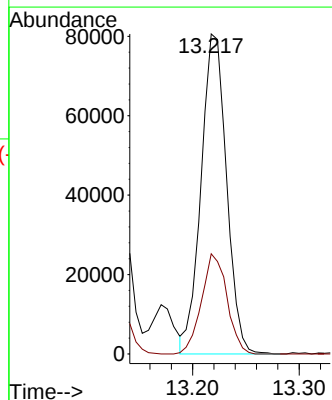
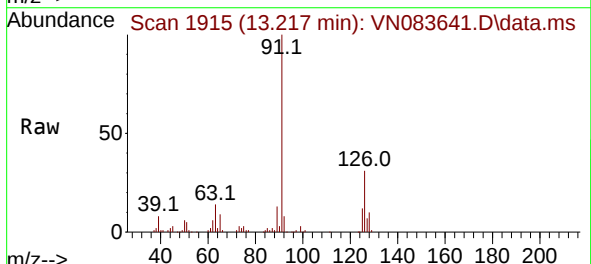
Instrument :  
MSVOA\_N  
ClientSampleId :

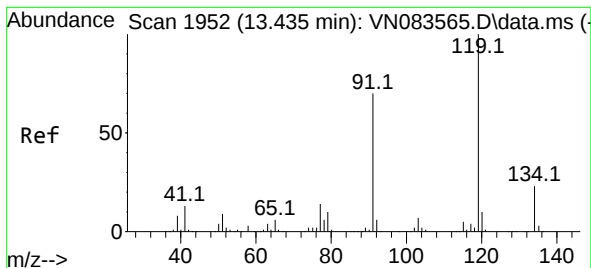
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 19443 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 108.2 | 81.2  | 121.8 |
| 89       | 43.7  | 35.7  | 53.5  |



#82  
4-Chlorotoluene  
Concen: 16.789 ug/l  
RT: 13.217 min Scan# 1915  
Delta R.T. -0.006 min  
Lab File: VN083641.D  
Acq: 04 Sep 2024 11:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 134143 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 31.2  | 15.4  | 46.2   |

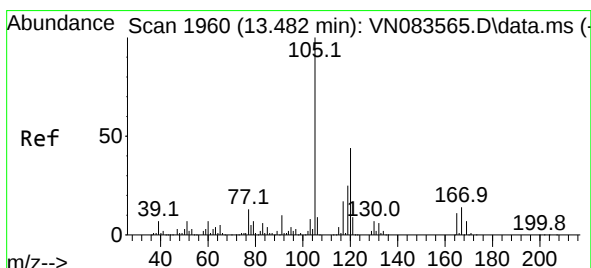
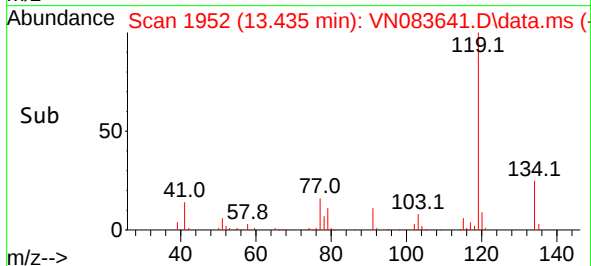
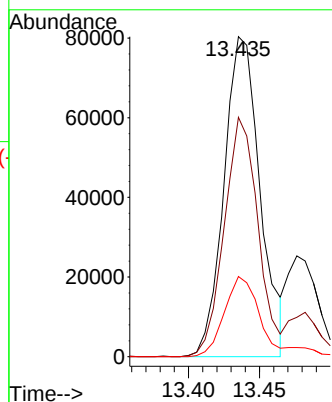
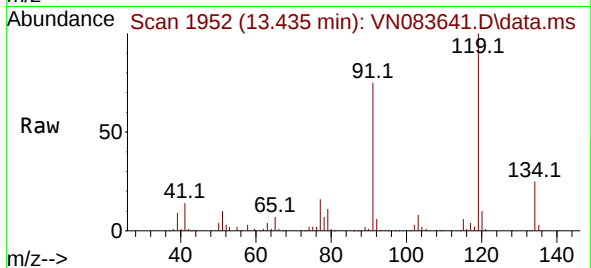




#83  
tert-Butylbenzene  
Concen: 18.086 ug/l  
RT: 13.435 min Scan# 1952  
Delta R.T. 0.000 min  
Lab File: VN083641.D  
Acq: 04 Sep 2024 11:41

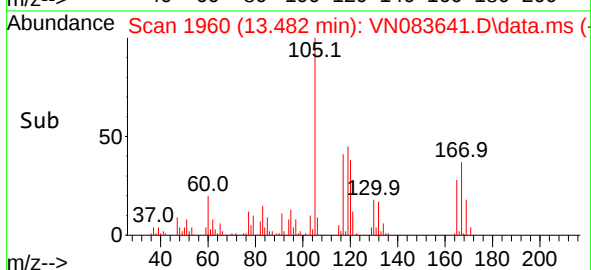
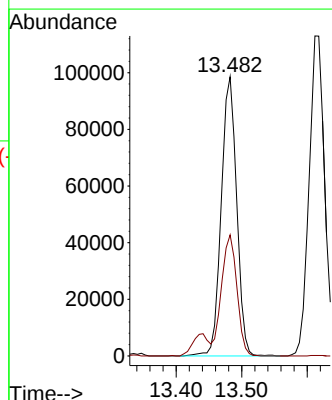
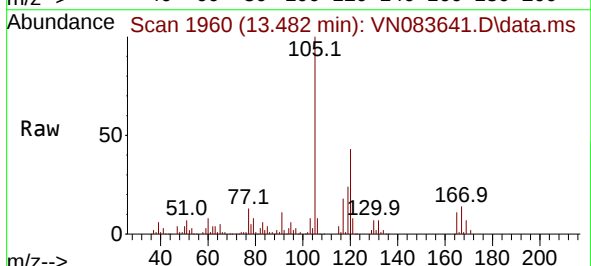
Instrument :  
MSVOA\_N  
ClientSampleId :

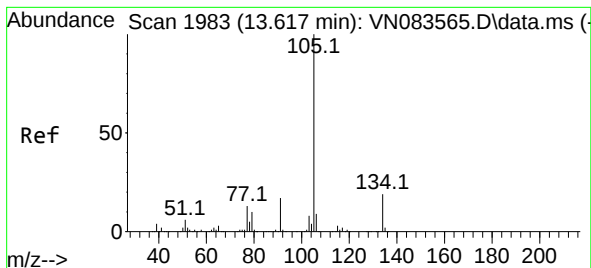
Tgt Ion:119 Resp: 142207  
Ion Ratio Lower Upper  
119 100  
91 70.0 34.5 103.6  
134 26.1 12.8 38.4



#84  
1,2,4-Trimethylbenzene  
Concen: 18.013 ug/l  
RT: 13.482 min Scan# 1960  
Delta R.T. 0.000 min  
Lab File: VN083641.D  
Acq: 04 Sep 2024 11:41

Tgt Ion:105 Resp: 160350  
Ion Ratio Lower Upper  
105 100  
120 43.4 21.8 65.4





#85

sec-Butylbenzene

Concen: 17.772 ug/l

RT: 13.612 min Scan# 1983

Delta R.T. -0.006 min

Lab File: VN083641.D

Acq: 04 Sep 2024 11:41

Instrument :

MSVOA\_N

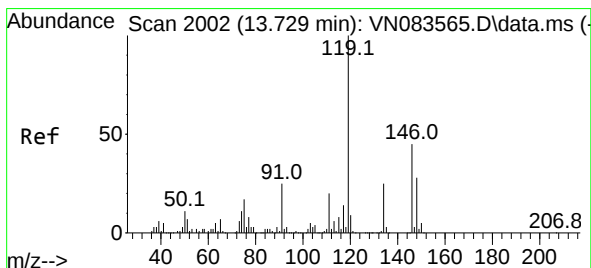
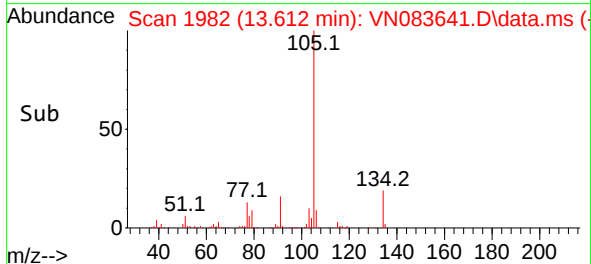
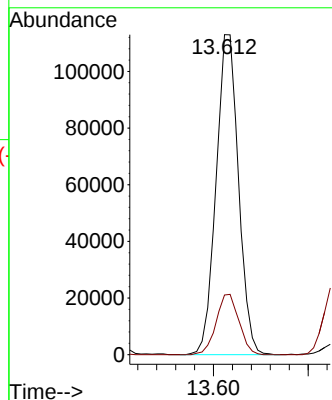
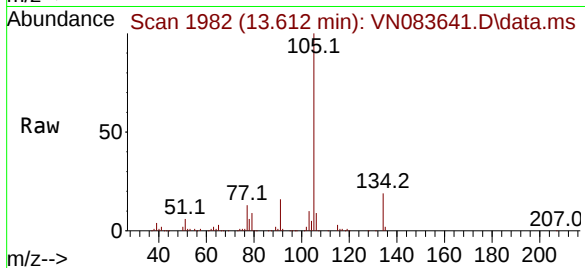
ClientSampleId :

Tgt Ion:105 Resp: 185724

Ion Ratio Lower Upper

105 100

134 19.1 9.7 29.1



#86

p-Isopropyltoluene

Concen: 17.791 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN083641.D

Acq: 04 Sep 2024 11:41

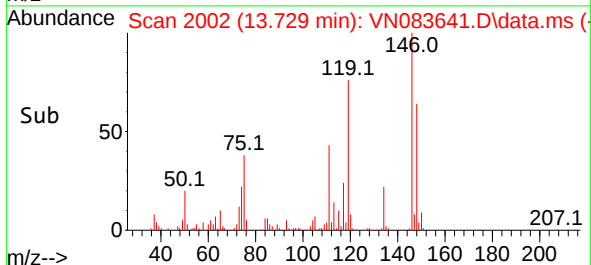
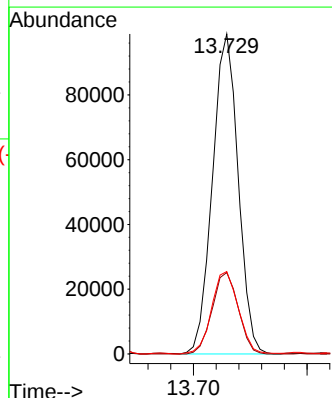
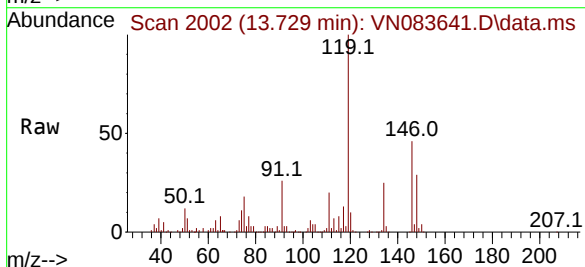
Tgt Ion:119 Resp: 155291

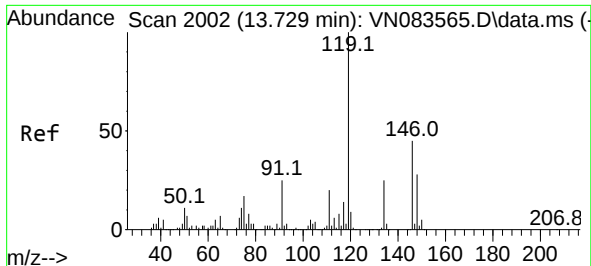
Ion Ratio Lower Upper

119 100

134 25.7 12.8 38.3

91 26.8 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 16.393 ug/l

RT: 13.735 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VN083641.D

Acq: 04 Sep 2024 11:41

Instrument :

MSVOA\_N

ClientSampleId :

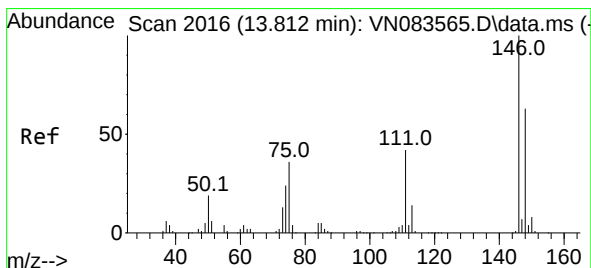
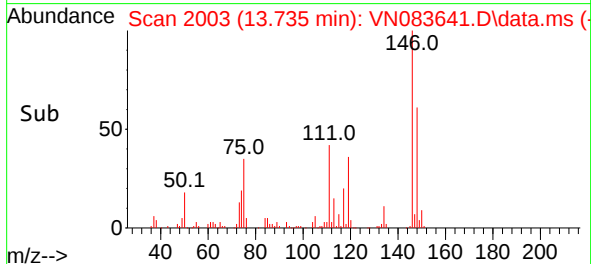
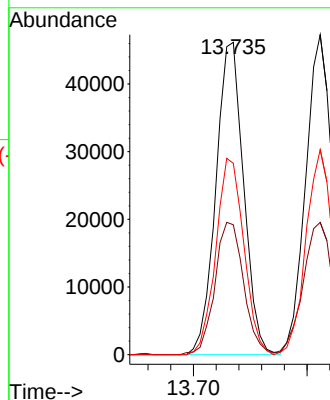
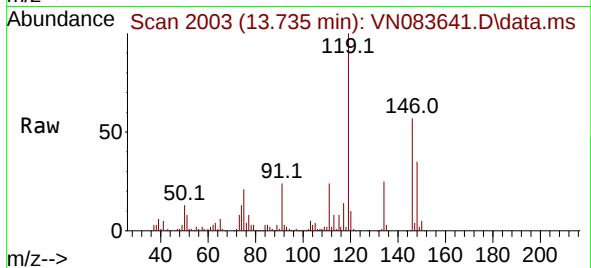
Tgt Ion:146 Resp: 78376

Ion Ratio Lower Upper

146 100

111 43.9 21.7 65.1

148 63.3 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 15.860 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN083641.D

Acq: 04 Sep 2024 11:41

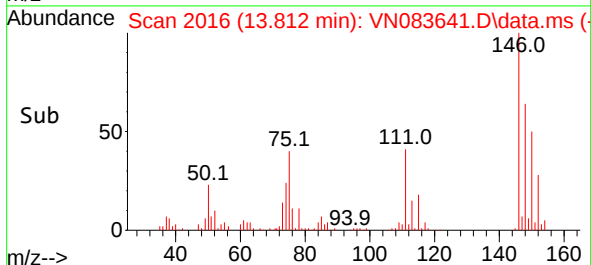
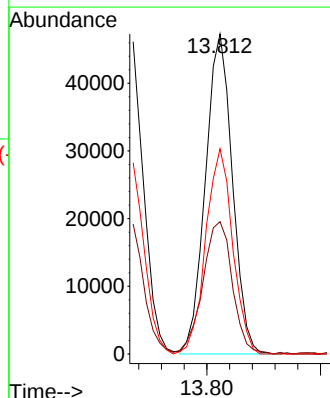
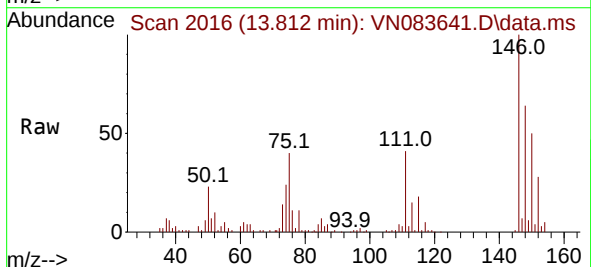
Tgt Ion:146 Resp: 77915

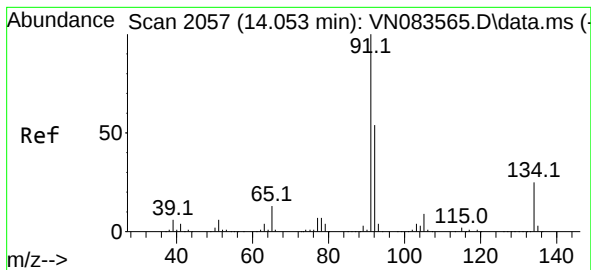
Ion Ratio Lower Upper

146 100

111 45.2 21.3 64.0

148 64.1 32.0 96.2





#89

n-Butylbenzene

Concen: 17.284 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN083641.D

Acq: 04 Sep 2024 11:41

Instrument :

MSVOA\_N

ClientSampleId :

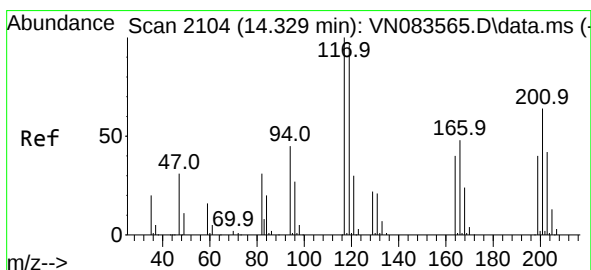
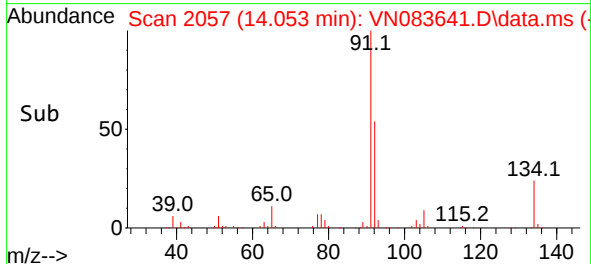
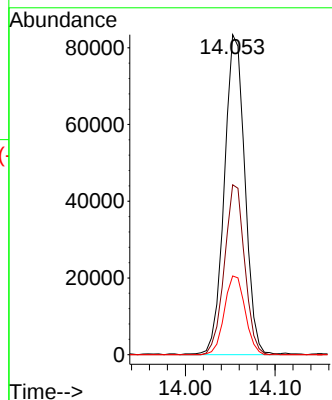
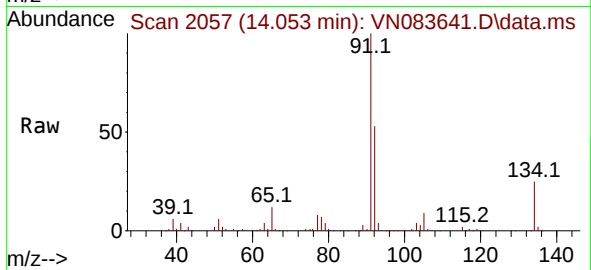
Tgt Ion: 91 Resp: 132704

Ion Ratio Lower Upper

91 100

92 52.3 26.7 80.1

134 24.8 12.2 36.4



#90

Hexachloroethane

Concen: 17.752 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.006 min

Lab File: VN083641.D

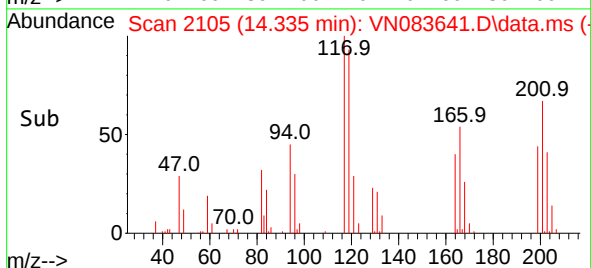
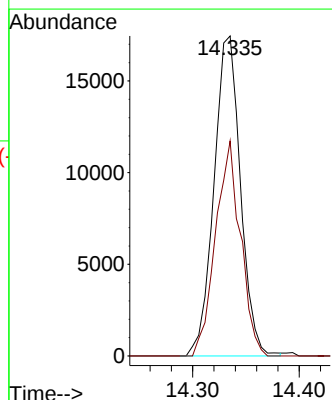
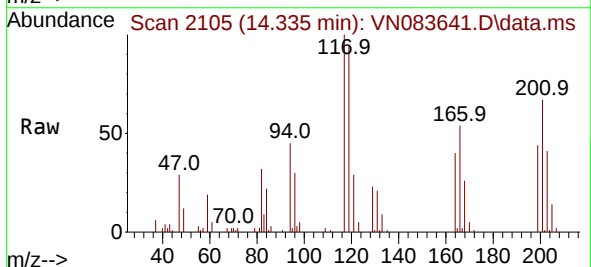
Acq: 04 Sep 2024 11:41

Tgt Ion: 117 Resp: 30161

Ion Ratio Lower Upper

117 100

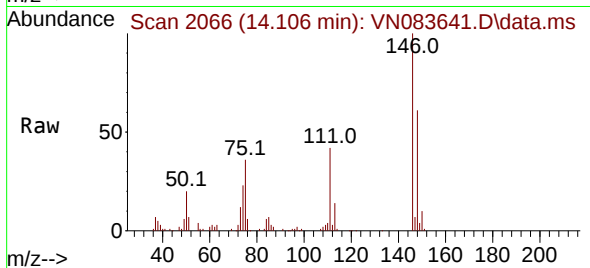
201 63.3 32.8 98.3



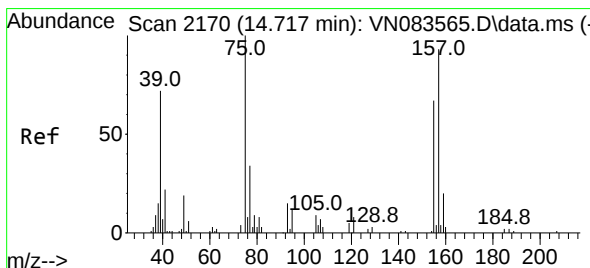
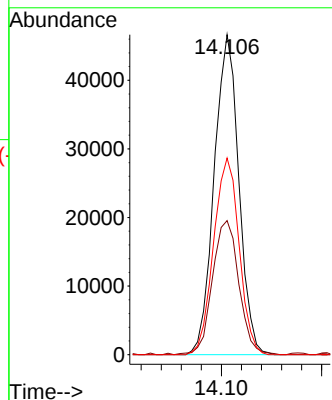
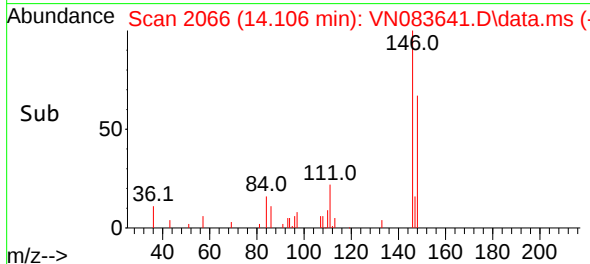


#91  
 1,2-Dichlorobenzene  
 Concen: 17.232 ug/l  
 RT: 14.106 min Scan# 2066  
 Delta R.T. 0.000 min  
 Lab File: VN083641.D  
 Acq: 04 Sep 2024 11:41

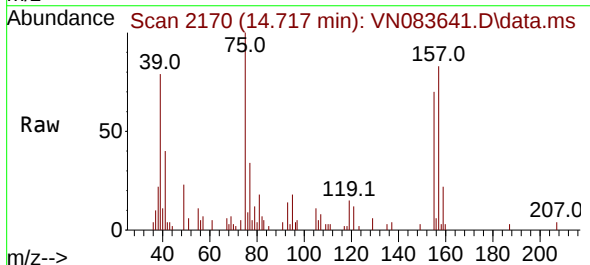
Instrument :  
 MSVOA\_N  
 ClientSampleId :



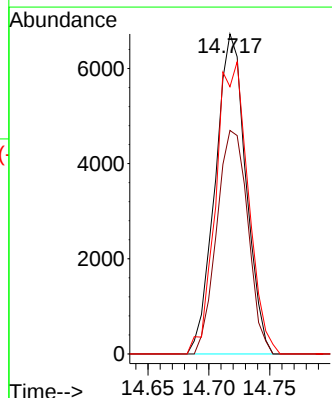
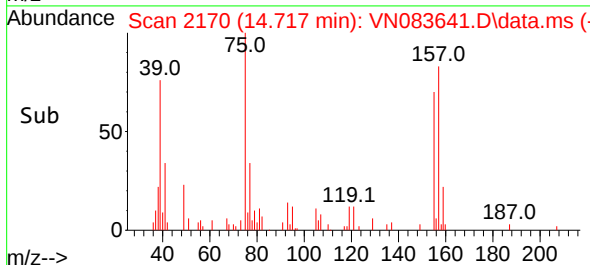
Tgt Ion:146 Resp: 79338  
 Ion Ratio Lower Upper  
 146 100  
 111 45.0 22.8 68.3  
 148 63.6 32.1 96.5

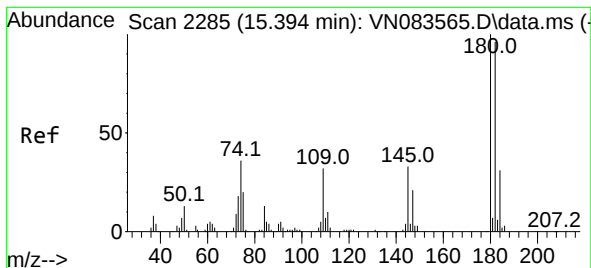


#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 18.256 ug/l  
 RT: 14.717 min Scan# 2170  
 Delta R.T. 0.000 min  
 Lab File: VN083641.D  
 Acq: 04 Sep 2024 11:41



Tgt Ion: 75 Resp: 11800  
 Ion Ratio Lower Upper  
 75 100  
 155 71.0 35.9 107.7  
 157 96.3 47.5 142.5





#93

1,2,4-Trichlorobenzene

Concen: 15.043 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN083641.D

Acq: 04 Sep 2024 11:41

Instrument :

MSVOA\_N

ClientSampleId :

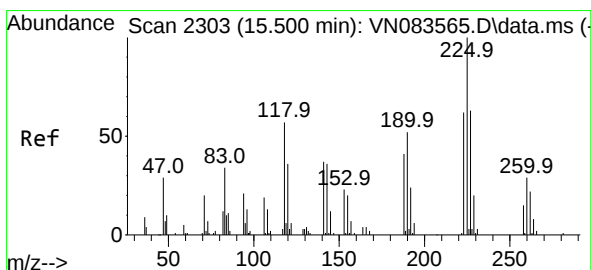
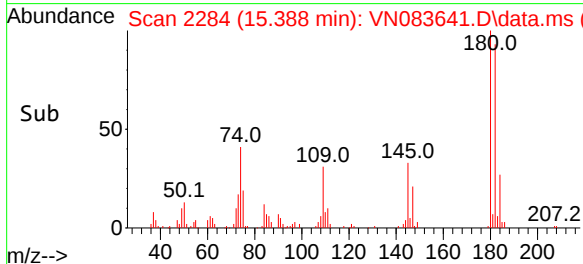
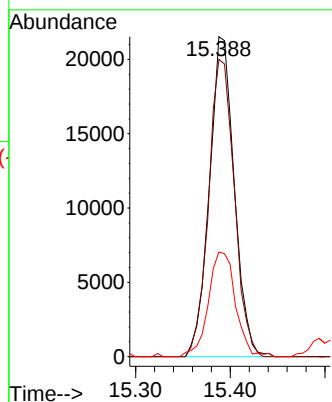
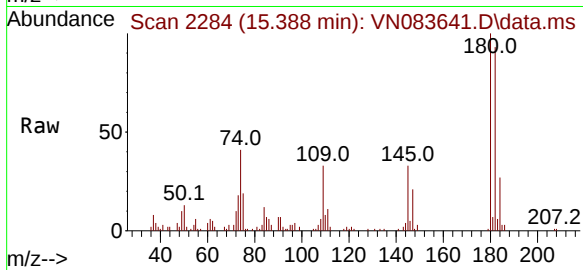
Tgt Ion:180 Resp: 39275

Ion Ratio Lower Upper

180 100

182 95.8 48.1 144.3

145 35.6 16.9 50.7



#94

Hexachlorobutadiene

Concen: 16.390 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN083641.D

Acq: 04 Sep 2024 11:41

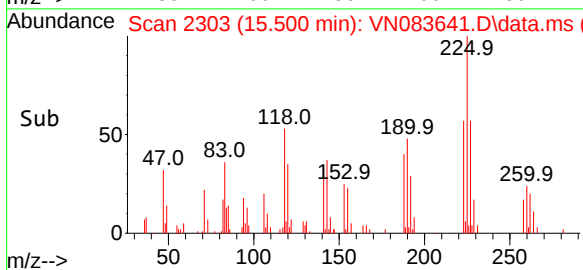
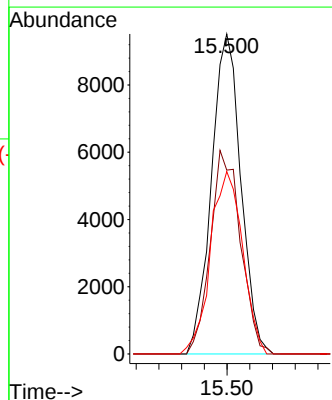
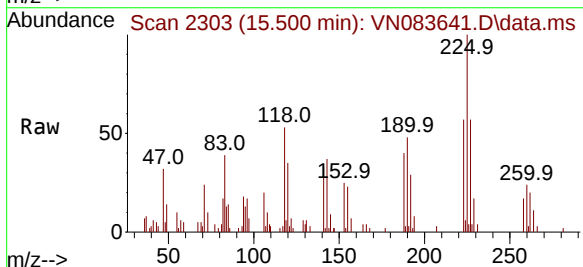
Tgt Ion:225 Resp: 17137

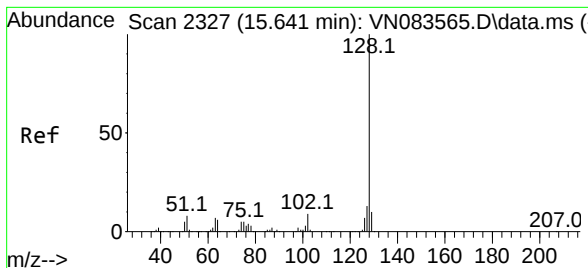
Ion Ratio Lower Upper

225 100

223 65.2 31.9 95.5

227 62.1 32.0 96.2

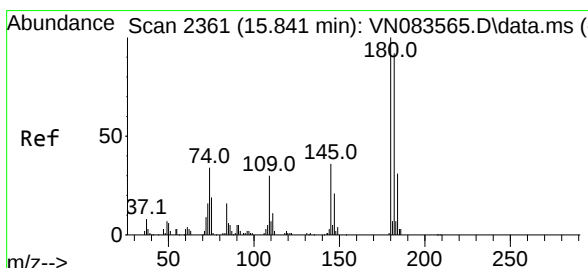
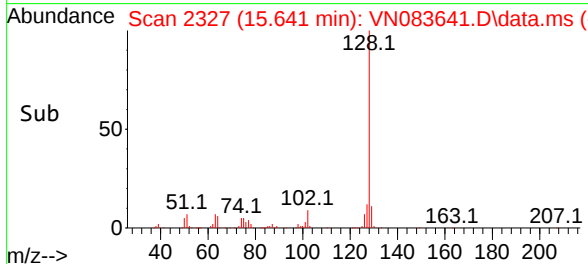
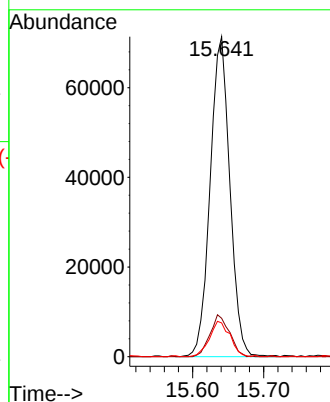
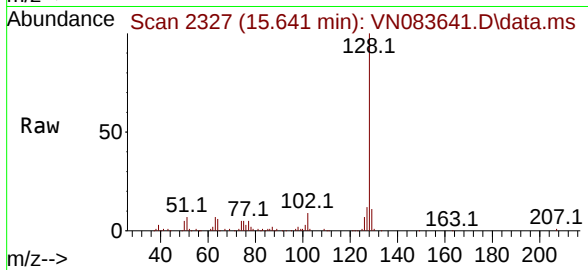




#95  
Naphthalene  
Concen: 16.387 ug/l  
RT: 15.641 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VN083641.D  
Acq: 04 Sep 2024 11:41

Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:128 Resp: 137460  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.2 15.2  
129 11.5 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 15.130 ug/l  
RT: 15.835 min Scan# 2360  
Delta R.T. -0.006 min  
Lab File: VN083641.D  
Acq: 04 Sep 2024 11:41

Tgt Ion:180 Resp: 39461  
Ion Ratio Lower Upper  
180 100  
182 92.7 47.1 141.4  
145 36.6 17.8 53.5

