

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN083024\  
 Data File : VN083565.D  
 Acq On : 30 Aug 2024 09:18  
 Operator : JC\MD  
 Sample : VSTDICCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Aug 31 00:32:44 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N083024W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Aug 31 00:23:16 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.224  | 168  | 196434   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.100  | 114  | 343039   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 292778   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.788 | 152  | 142716   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.577  | 65    | 145191   | 52.886   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 105.780% |      |
| 35) Dibromofluoromethane    | 8.165  | 113   | 105888   | 51.286   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 102.580% |      |
| 50) Toluene-d8              | 10.565 | 98    | 405553   | 50.375   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 100.740% |      |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 156346   | 52.492   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | = 104.980% |      |

|                              |       |     |         |         |      |     |
|------------------------------|-------|-----|---------|---------|------|-----|
| Target Compounds             |       |     |         | Qvalue  |      |     |
| 2) Dichlorodifluoromethane   | 2.124 | 85  | 110930  | 53.358  | ug/l | 100 |
| 3) Chloromethane             | 2.359 | 50  | 114446  | 47.257  | ug/l | 100 |
| 4) Vinyl Chloride            | 2.512 | 62  | 121536  | 50.145  | ug/l | 100 |
| 5) Bromomethane              | 2.900 | 94  | 58179   | 45.662  | ug/l | 100 |
| 6) Chloroethane              | 3.077 | 64  | 78884   | 49.807  | ug/l | 100 |
| 7) Trichlorofluoromethane    | 3.471 | 101 | 199862  | 50.074  | ug/l | 100 |
| 8) Diethyl Ether             | 3.959 | 74  | 71792   | 50.315  | ug/l | 100 |
| 9) 1,1,2-Trichlorotrifluo... | 4.353 | 101 | 111301  | 51.419  | ug/l | 100 |
| 10) Methyl Iodide            | 4.577 | 142 | 146135  | 49.909  | ug/l | 100 |
| 11) Tert butyl alcohol       | 5.530 | 59  | 101136  | 236.271 | ug/l | 100 |
| 12) 1,1-Dichloroethene       | 4.324 | 96  | 105852  | 49.189  | ug/l | 100 |
| 13) Acrolein                 | 4.177 | 56  | 93194   | 230.127 | ug/l | 100 |
| 14) Allyl chloride           | 5.012 | 41  | 190393  | 49.623  | ug/l | 100 |
| 15) Acrylonitrile            | 5.718 | 53  | 261862  | 248.061 | ug/l | 100 |
| 16) Acetone                  | 4.424 | 43  | 283674  | 259.111 | ug/l | 100 |
| 17) Carbon Disulfide         | 4.700 | 76  | 297161  | 47.386  | ug/l | 100 |
| 18) Methyl Acetate           | 5.024 | 43  | 130059  | 44.651  | ug/l | 100 |
| 19) Methyl tert-butyl Ether  | 5.794 | 73  | 379898  | 49.768  | ug/l | 100 |
| 20) Methylene Chloride       | 5.271 | 84  | 116109  | 48.026  | ug/l | 100 |
| 21) trans-1,2-Dichloroethene | 5.783 | 96  | 109255  | 48.740  | ug/l | 100 |
| 22) Diisopropyl ether        | 6.671 | 45  | 381682  | 50.450  | ug/l | 100 |
| 23) Vinyl Acetate            | 6.600 | 43  | 1430499 | 255.143 | ug/l | 100 |
| 24) 1,1-Dichloroethane       | 6.565 | 63  | 212689  | 49.298  | ug/l | 100 |
| 25) 2-Butanone               | 7.483 | 43  | 368868  | 247.463 | ug/l | 100 |
| 26) 2,2-Dichloropropane      | 7.488 | 77  | 211546  | 52.664  | ug/l | 100 |
| 27) cis-1,2-Dichloroethene   | 7.483 | 96  | 134857  | 50.417  | ug/l | 100 |
| 28) Bromochloromethane       | 7.812 | 49  | 96952   | 48.122  | ug/l | 100 |
| 29) Tetrahydrofuran          | 7.835 | 42  | 227795  | 246.376 | ug/l | 100 |
| 30) Chloroform               | 7.965 | 83  | 224869  | 49.471  | ug/l | 100 |
| 31) Cyclohexane              | 8.253 | 56  | 197250  | 46.448  | ug/l | 100 |
| 32) 1,1,1-Trichloroethane    | 8.165 | 97  | 212026  | 51.584  | ug/l | 100 |
| 36) 1,1-Dichloropropene      | 8.371 | 75  | 159257  | 50.569  | ug/l | 100 |
| 37) Ethyl Acetate            | 7.559 | 43  | 153081  | 48.842  | ug/l | 100 |
| 38) Carbon Tetrachloride     | 8.359 | 117 | 182741  | 50.858  | ug/l | 100 |
| 39) Methylcyclohexane        | 9.600 | 83  | 200310  | 53.006  | ug/l | 100 |
| 40) Benzene                  | 8.606 | 78  | 486700  | 50.238  | ug/l | 100 |

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 Sample : VSTDICCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Aug 31 00:32:44 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N083024W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Aug 31 00:23:16 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.777  | 41   | 85958    | 48.060   | ug/l   | 100      |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 176565   | 49.167   | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.688  | 43   | 289772   | 45.974   | ug/l   | 100      |
| 44) Trichloroethene           | 9.347  | 130  | 113291   | 48.613   | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 9.618  | 63   | 117186   | 51.926   | ug/l   | 100      |
| 46) Dibromomethane            | 9.706  | 93   | 82828    | 49.748   | ug/l   | 100      |
| 47) Bromodichloromethane      | 9.888  | 83   | 177908   | 50.198   | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.677  | 41   | 128457   | 49.969   | ug/l   | 100      |
| 49) 1,4-Dioxane               | 9.694  | 88   | 43430    | 1031.018 | ug/l # | 100      |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 721605   | 247.646  | ug/l   | 100      |
| 52) Toluene                   | 10.629 | 92   | 310466   | 51.241   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 192197   | 52.384   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 201718   | 52.380   | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 109695   | 50.724   | ug/l   | 100      |
| 56) Ethyl methacrylate        | 10.871 | 69   | 185957   | 51.979   | ug/l   | 100      |
| 57) 1,3-Dichloropropane       | 11.159 | 76   | 192730   | 50.339   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 410878   | 264.313  | ug/l   | 100      |
| 59) 2-Hexanone                | 11.194 | 43   | 549608   | 251.332  | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.359 | 129  | 129239   | 51.576   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 112246   | 50.804   | ug/l   | 100      |
| 64) Tetrachloroethene         | 11.100 | 164  | 96174    | 49.975   | ug/l   | 100      |
| 65) Chlorobenzene             | 11.888 | 112  | 319806   | 48.707   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 113592   | 51.240   | ug/l   | 100      |
| 67) Ethyl Benzene             | 11.965 | 91   | 595548   | 50.813   | ug/l   | 100      |
| 68) m/p-Xylenes               | 12.070 | 106  | 446066   | 101.028  | ug/l   | 100      |
| 69) o-Xylene                  | 12.394 | 106  | 216620   | 50.761   | ug/l   | 100      |
| 70) Styrene                   | 12.412 | 104  | 368366   | 51.338   | ug/l   | 100      |
| 71) Bromoform                 | 12.576 | 173  | 83028    | 52.582   | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.694 | 105  | 576204   | 49.883   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.494 | 43   | 240216   | 47.912   | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 154792   | 47.203   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 210992   | 69.850   | ug/l   | 64       |
| 77) Bromobenzene              | 12.982 | 156  | 126964   | 46.850   | ug/l   | 100      |
| 78) n-propylbenzene           | 13.035 | 91   | 664358   | 49.745   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 409572   | 47.327   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 13.170 | 105  | 485429   | 49.885   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 59652    | 48.828   | ug/l   | 100      |
| 82) 4-Chlorotoluene           | 13.223 | 91   | 415580   | 47.270   | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.435 | 119  | 432770   | 50.023   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 489876   | 50.014   | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.617 | 105  | 583695   | 50.761   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 489323   | 50.948   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.729 | 146  | 245584   | 46.683   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 244883   | 45.305   | ug/l   | 100      |
| 89) n-Butylbenzene            | 14.053 | 91   | 428052   | 50.668   | ug/l   | 100      |
| 90) Hexachloroethane          | 14.329 | 117  | 93353    | 49.935   | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 241450   | 47.660   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.717 | 75   | 34097    | 47.943   | ug/l   | 100      |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 134077   | 46.671   | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 55546    | 48.281   | ug/l   | 100      |
| 95) Naphthalene               | 15.641 | 128  | 441376   | 47.819   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 131844   | 45.942   | ug/l   | 100      |

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Sample : VSTDICCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 4 Sample Multiplier: 1

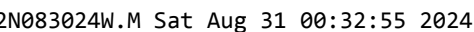
Instrument :  
MSVOA\_N  
ClientSampleId :

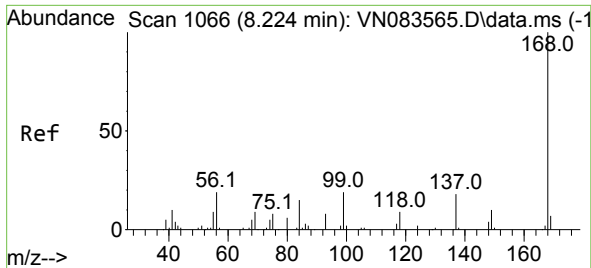
Quant Time: Aug 31 00:32:44 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N083024W.M  
Quant Title : SW846 8260  
QLast Update : Sat Aug 31 00:23:16 2024  
Response via : Initial Calibration

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

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

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Quant Title : SW846 8260  
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Response via : Initial Calibration

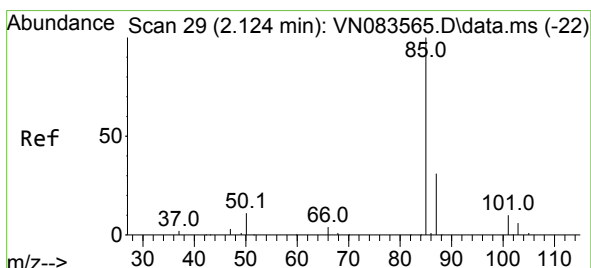
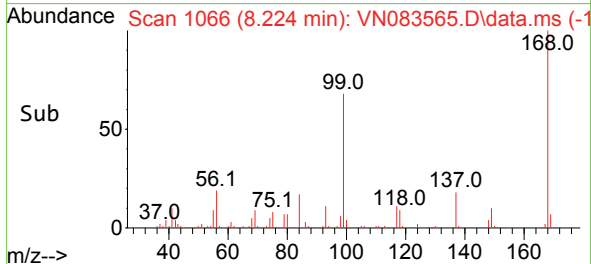
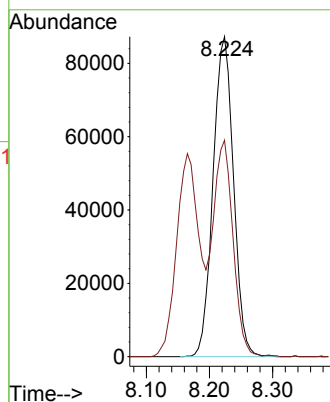
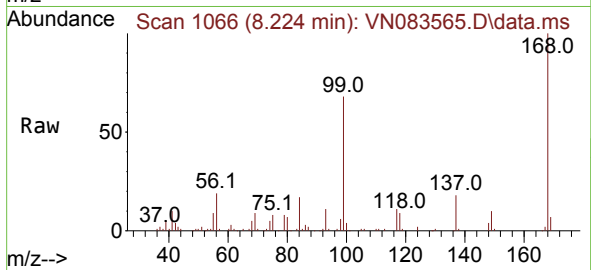




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN083565.D  
Acq: 30 Aug 2024 09:18

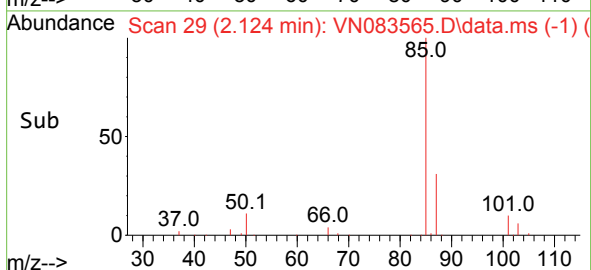
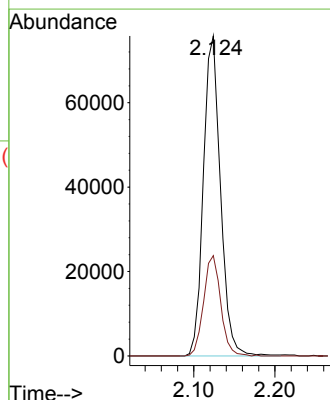
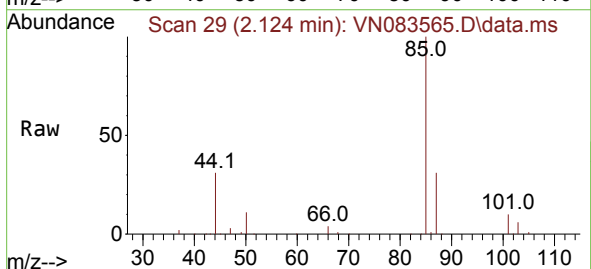
Instrument :  
MSVOA\_N  
ClientSampleId :

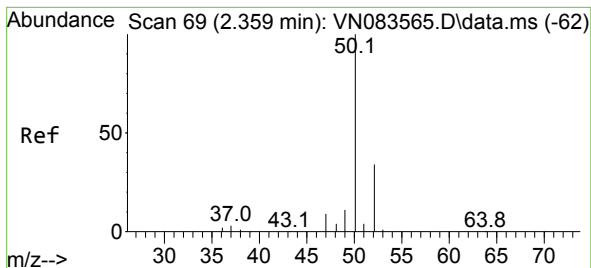
Tgt Ion:168 Resp: 196434  
Ion Ratio Lower Upper  
168 100  
99 67.7 54.2 81.2



#2  
Dichlorodifluoromethane  
Concen: 53.358 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. 0.000 min  
Lab File: VN083565.D  
Acq: 30 Aug 2024 09:18

Tgt Ion: 85 Resp: 110930  
Ion Ratio Lower Upper  
85 100  
87 31.3 15.7 47.0





#3

Chloromethane

Concen: 47.257 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN083565.D

Acq: 30 Aug 2024 09:18

Instrument :

MSVOA\_N

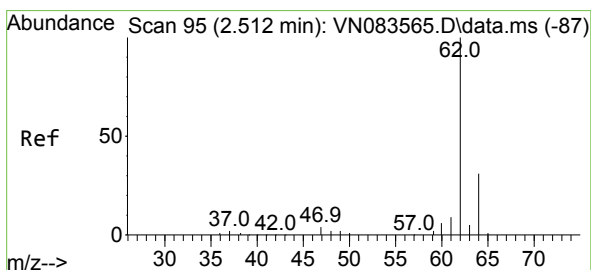
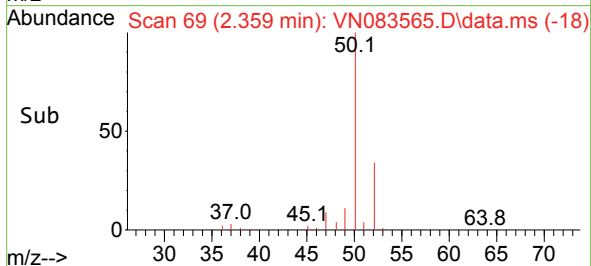
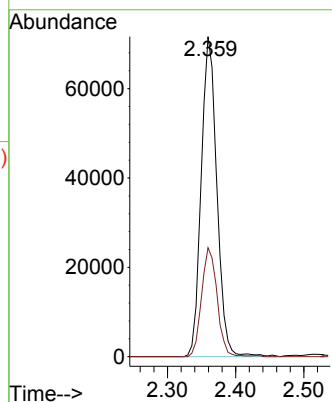
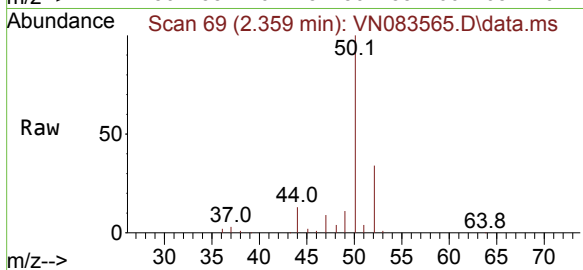
ClientSampleId :

Tgt Ion: 50 Resp: 114446

Ion Ratio Lower Upper

50 100

52 34.0 27.2 40.8



#4

Vinyl Chloride

Concen: 50.145 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN083565.D

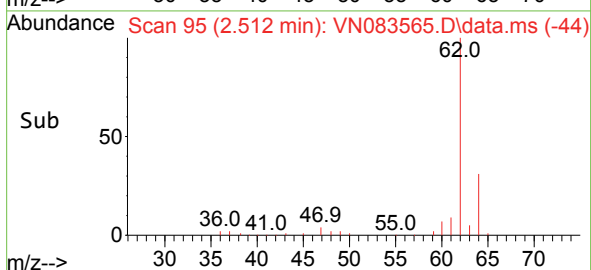
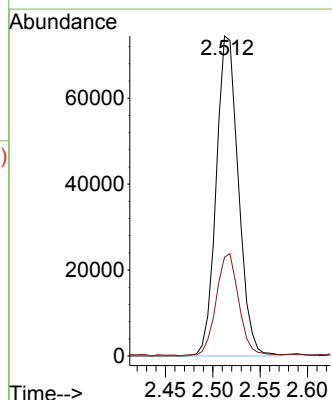
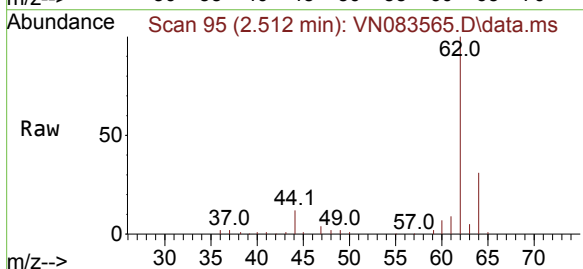
Acq: 30 Aug 2024 09:18

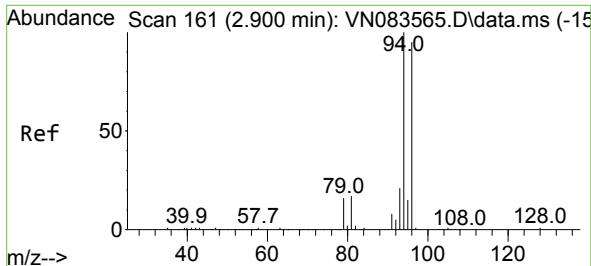
Tgt Ion: 62 Resp: 121536

Ion Ratio Lower Upper

62 100

64 30.9 24.7 37.1

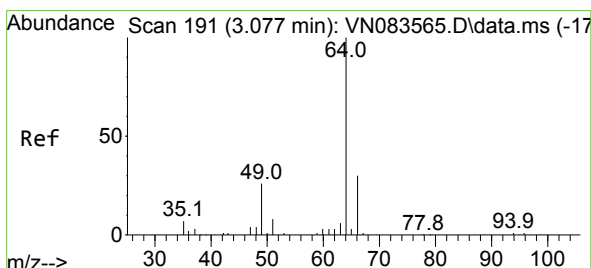
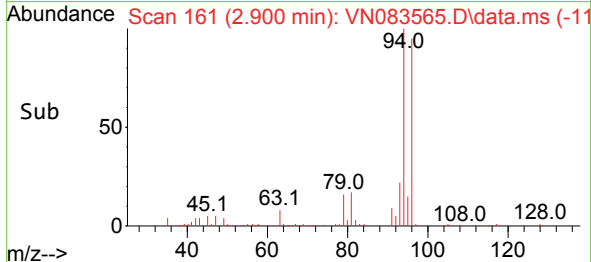
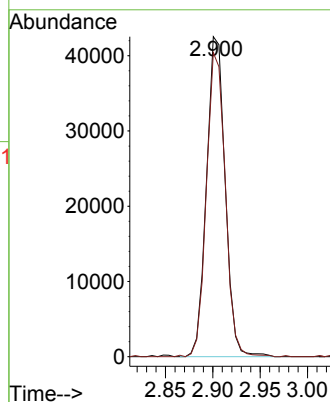
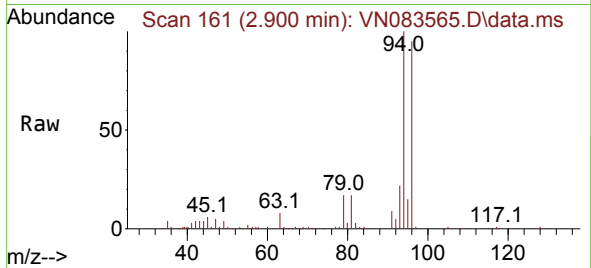




#5  
Bromomethane  
Concen: 45.662 ug/l  
RT: 2.900 min Scan# 161  
Delta R.T. 0.000 min  
Lab File: VN083565.D  
Acq: 30 Aug 2024 09:18

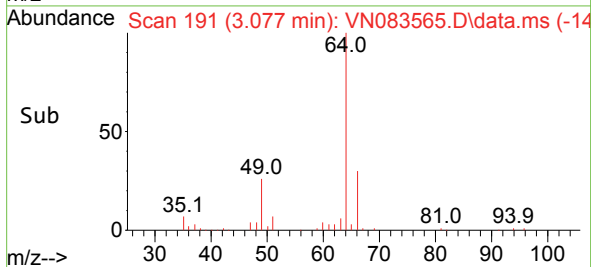
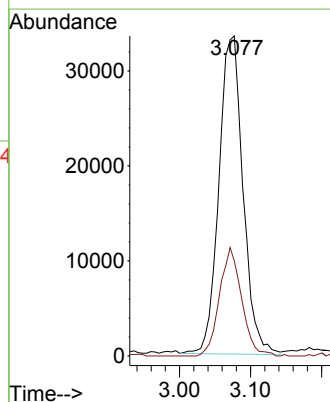
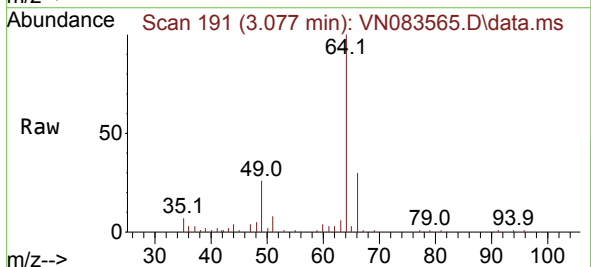
Instrument :  
MSVOA\_N  
ClientSampleId :

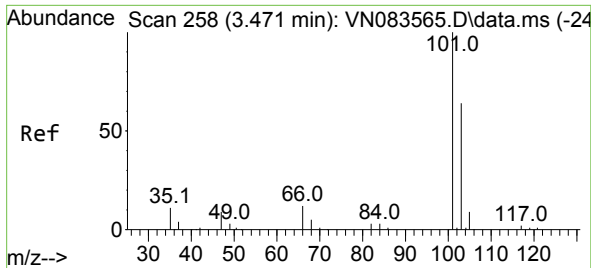
Tgt Ion: 94 Resp: 58179  
Ion Ratio Lower Upper  
94 100  
96 95.0 76.0 114.0



#6  
Chloroethane  
Concen: 49.807 ug/l  
RT: 3.077 min Scan# 191  
Delta R.T. 0.000 min  
Lab File: VN083565.D  
Acq: 30 Aug 2024 09:18

Tgt Ion: 64 Resp: 78884  
Ion Ratio Lower Upper  
64 100  
66 29.9 23.9 35.9

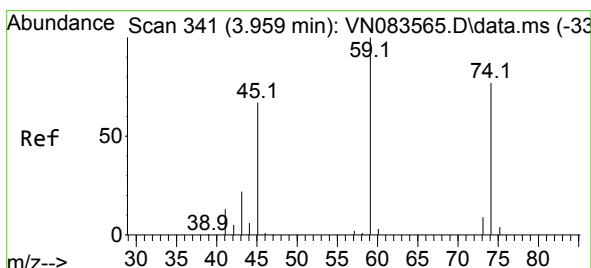
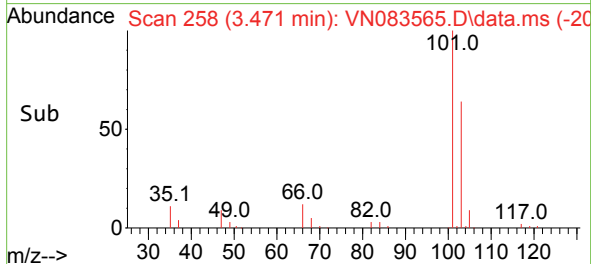
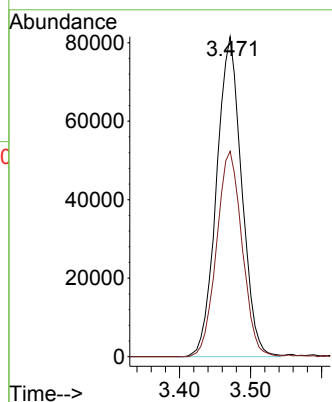
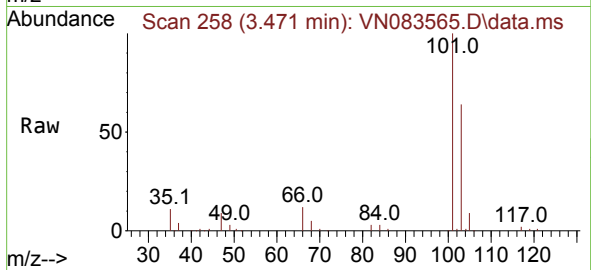




#7  
 Trichlorofluoromethane  
 Concen: 50.074 ug/l  
 RT: 3.471 min Scan# 258  
 Delta R.T. 0.000 min  
 Lab File: VN083565.D  
 Acq: 30 Aug 2024 09:18

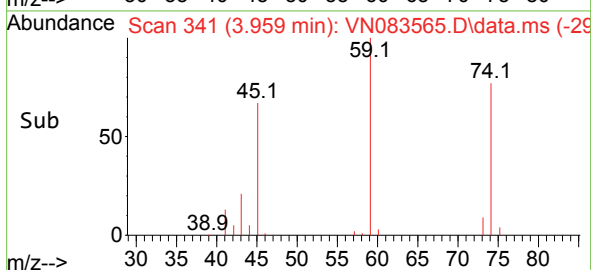
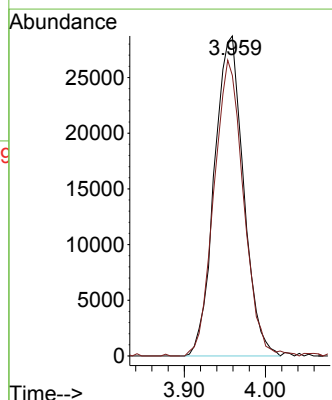
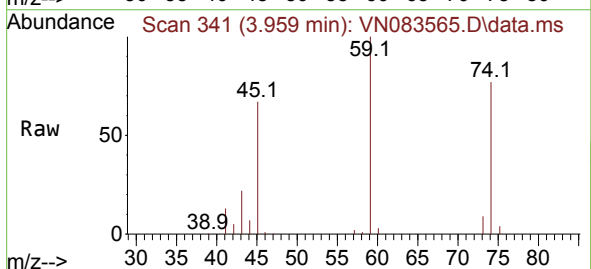
Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tgt Ion:101 Resp: 199862  
 Ion Ratio Lower Upper  
 101 100  
 103 64.2 51.4 77.0

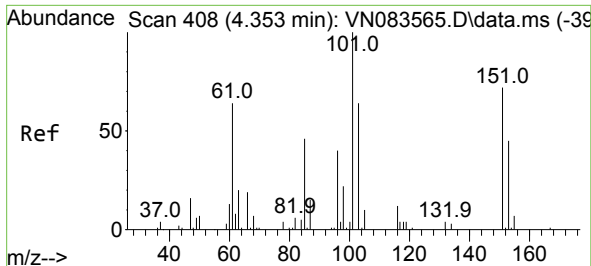


#8  
 Diethyl Ether  
 Concen: 50.315 ug/l  
 RT: 3.959 min Scan# 341  
 Delta R.T. 0.000 min  
 Lab File: VN083565.D  
 Acq: 30 Aug 2024 09:18

Tgt Ion: 74 Resp: 71792  
 Ion Ratio Lower Upper  
 74 100  
 45 93.4 46.7 140.1



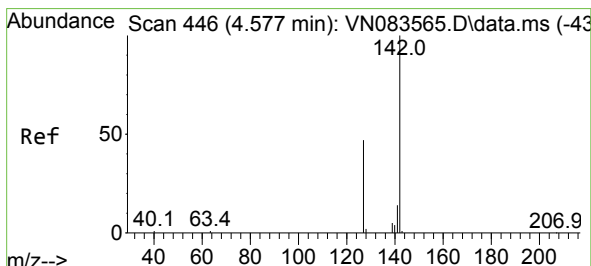
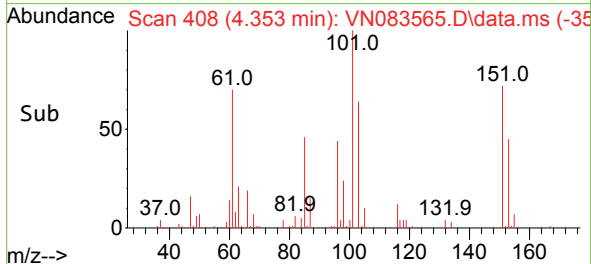
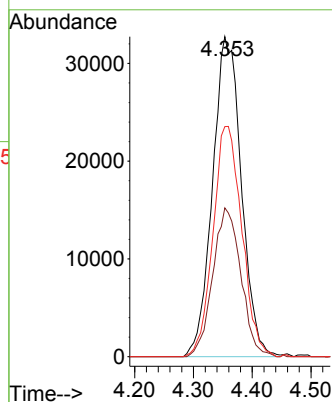
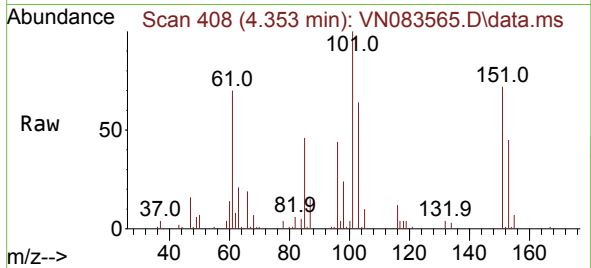




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 51.419 ug/l  
RT: 4.353 min Scan# 408  
Delta R.T. 0.000 min  
Lab File: VN083565.D  
Acq: 30 Aug 2024 09:18

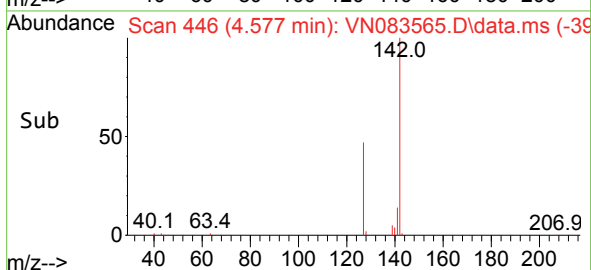
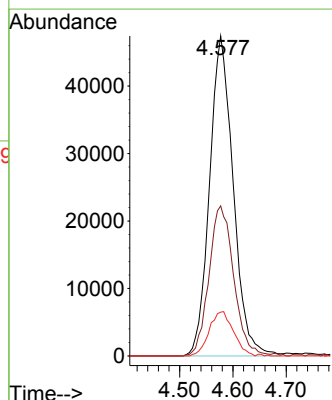
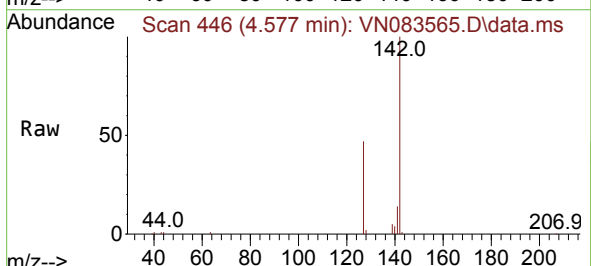
Instrument :  
MSVOA\_N  
ClientSampleId :

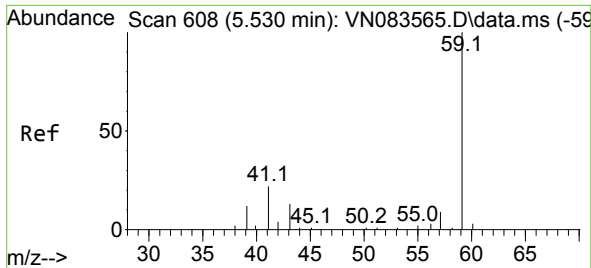
Tgt Ion:101 Resp: 111301  
Ion Ratio Lower Upper  
101 100  
85 45.3 36.2 54.4  
151 72.1 57.7 86.5



#10  
Methyl Iodide  
Concen: 49.909 ug/l  
RT: 4.577 min Scan# 446  
Delta R.T. 0.000 min  
Lab File: VN083565.D  
Acq: 30 Aug 2024 09:18

Tgt Ion:142 Resp: 146135  
Ion Ratio Lower Upper  
142 100  
127 46.9 37.5 56.3  
141 13.7 11.0 16.4





#11

Tert butyl alcohol

Concen: 236.271 ug/l

RT: 5.530 min Scan# 608

Delta R.T. 0.000 min

Lab File: VN083565.D

Acq: 30 Aug 2024 09:18

Instrument :

MSVOA\_N

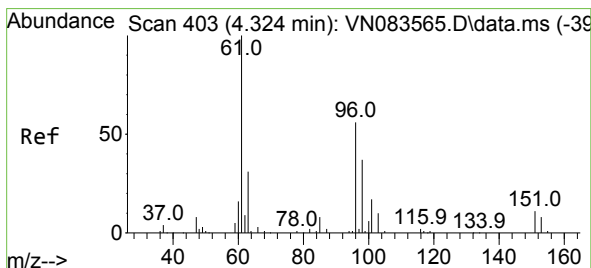
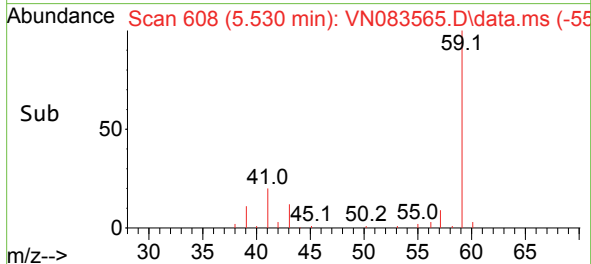
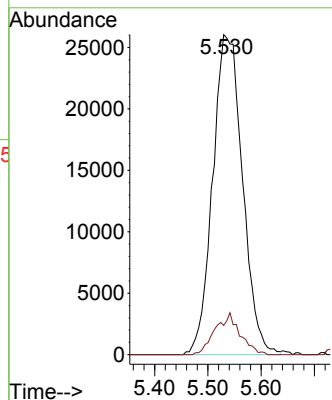
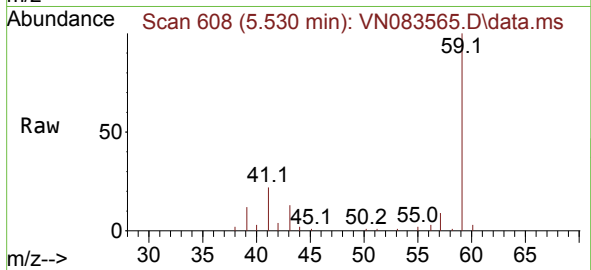
ClientSampleId :

Tgt Ion: 59 Resp: 101136

Ion Ratio Lower Upper

59 100

57 10.9 8.7 13.1



#12

1,1-Dichloroethene

Concen: 49.189 ug/l

RT: 4.324 min Scan# 403

Delta R.T. 0.000 min

Lab File: VN083565.D

Acq: 30 Aug 2024 09:18

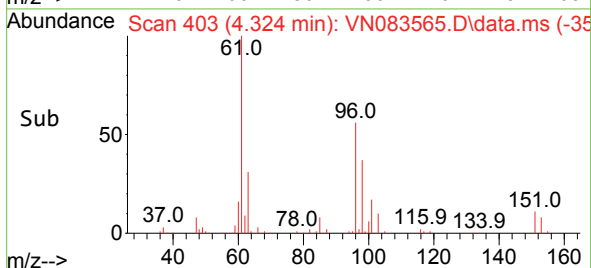
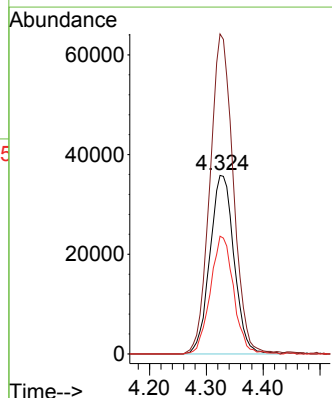
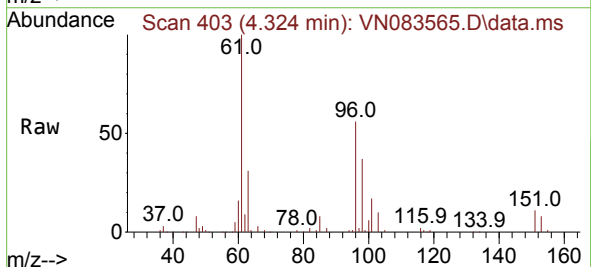
Tgt Ion: 96 Resp: 105852

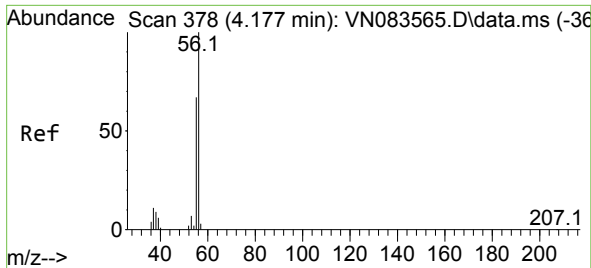
Ion Ratio Lower Upper

96 100

61 179.2 143.4 215.0

98 65.9 52.7 79.1

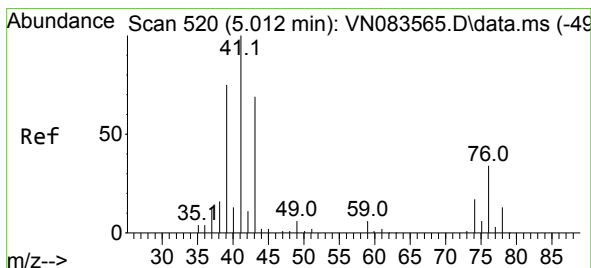
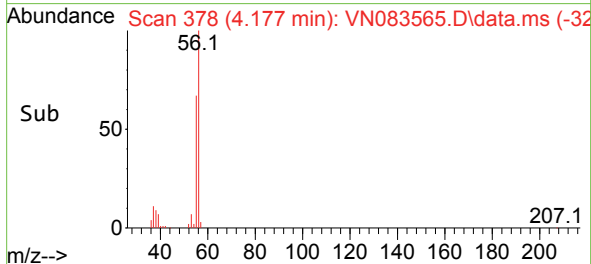
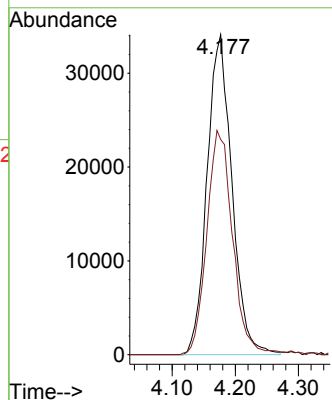
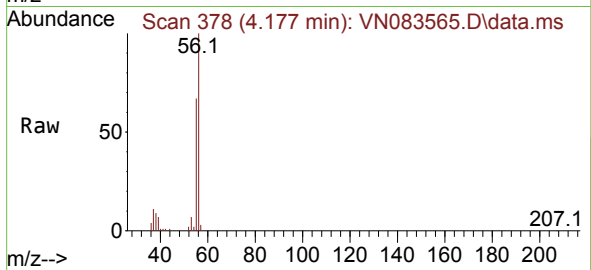




#13  
Acrolein  
Concen: 230.127 ug/l  
RT: 4.177 min Scan# 378  
Delta R.T. 0.000 min  
Lab File: VN083565.D  
Acq: 30 Aug 2024 09:18

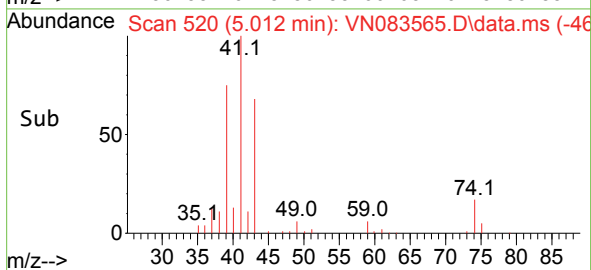
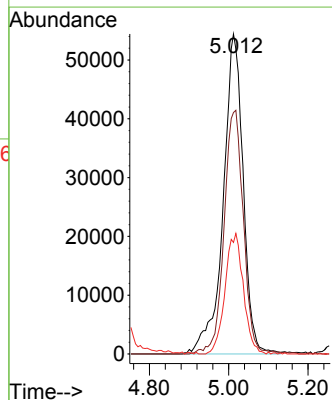
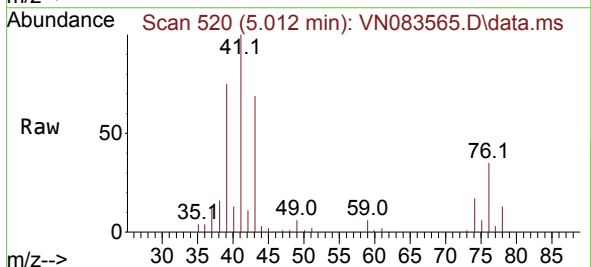
Instrument :  
MSVOA\_N  
ClientSampleId :

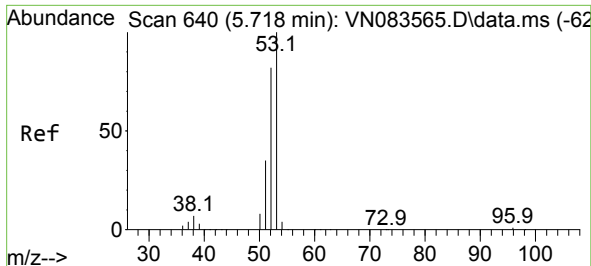
Tgt Ion: 56 Resp: 93194  
Ion Ratio Lower Upper  
56 100  
55 72.7 58.2 87.2



#14  
Allyl chloride  
Concen: 49.623 ug/l  
RT: 5.012 min Scan# 520  
Delta R.T. 0.000 min  
Lab File: VN083565.D  
Acq: 30 Aug 2024 09:18

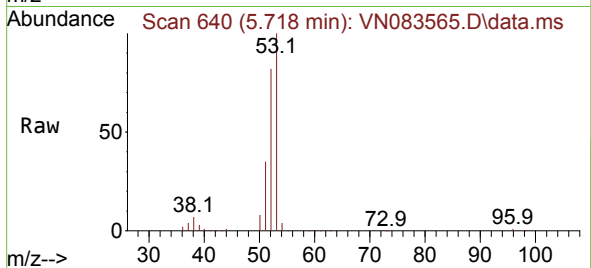
Tgt Ion: 41 Resp: 190393  
Ion Ratio Lower Upper  
41 100  
39 74.1 59.3 88.9  
76 34.6 27.7 41.5





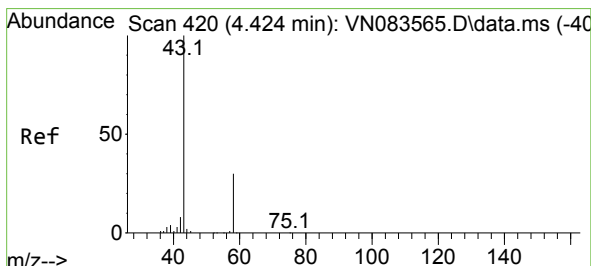
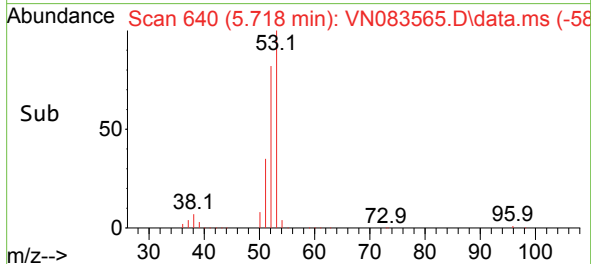
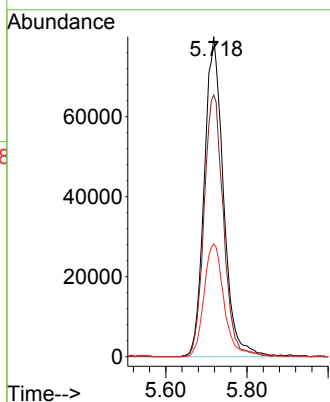
#15  
Acrylonitrile  
Concen: 248.061 ug/l  
RT: 5.718 min Scan# 640  
Delta R.T. 0.000 min  
Lab File: VN083565.D  
Acq: 30 Aug 2024 09:18

Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion: 53 Resp: 261862

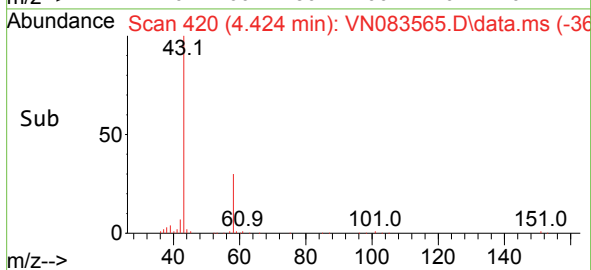
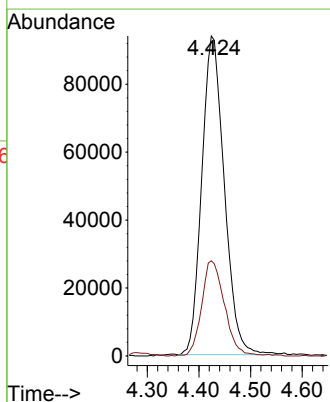
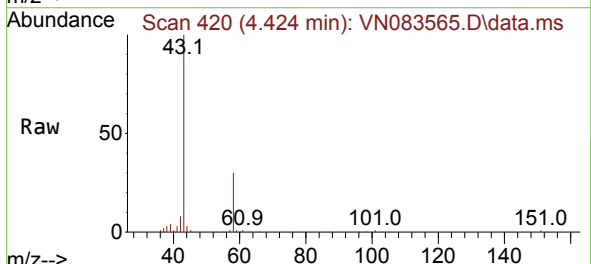
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 82.6  | 66.1  | 99.1  |
| 51  | 37.0  | 29.6  | 44.4  |

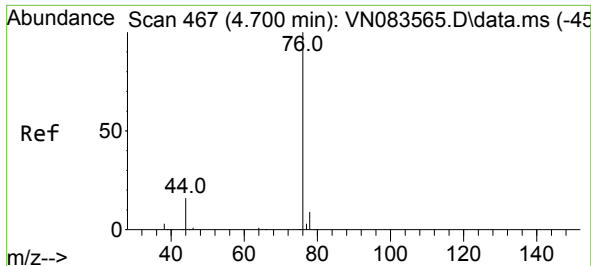


#16  
Acetone  
Concen: 259.111 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. 0.000 min  
Lab File: VN083565.D  
Acq: 30 Aug 2024 09:18

Tgt Ion: 43 Resp: 283674

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 29.6  | 23.7  | 35.5  |

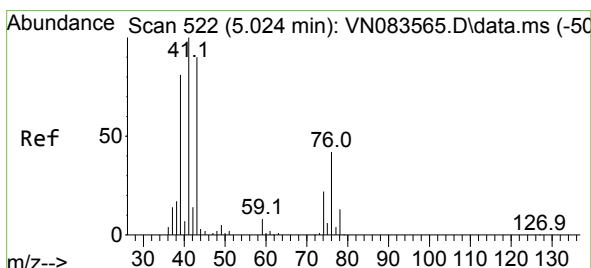
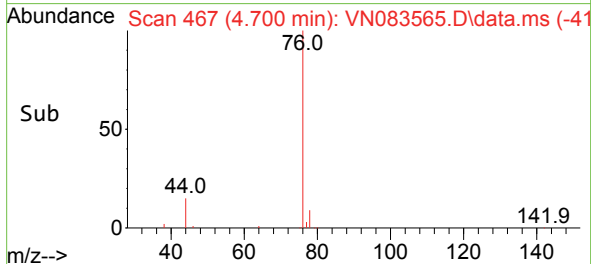
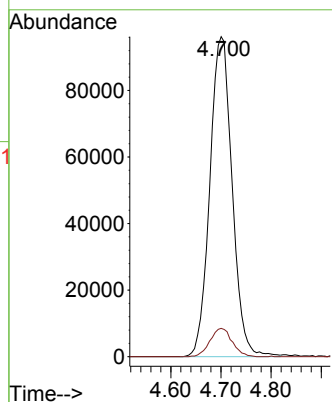
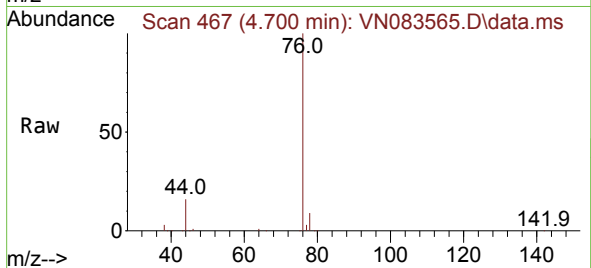




#17  
Carbon Disulfide  
Concen: 47.386 ug/l  
RT: 4.700 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VN083565.D  
Acq: 30 Aug 2024 09:18

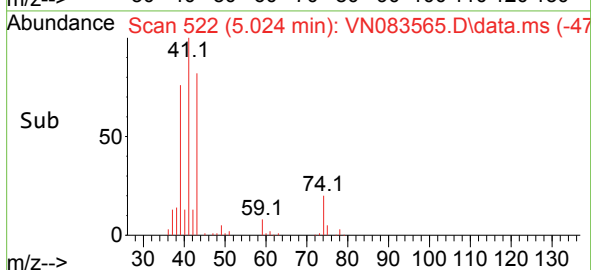
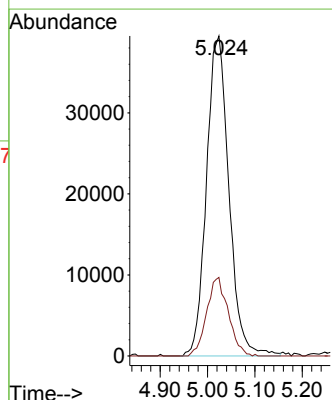
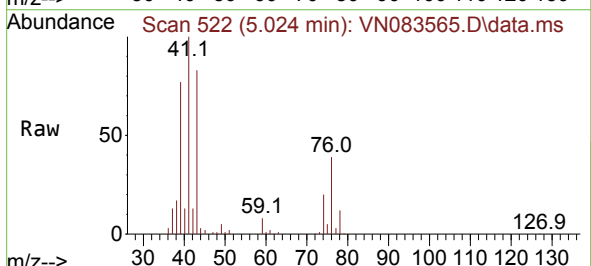
Instrument :  
MSVOA\_N  
ClientSampleId :

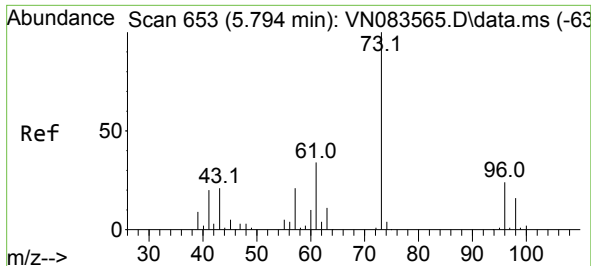
Tgt Ion: 76 Resp: 297161  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.1 10.7



#18  
Methyl Acetate  
Concen: 44.651 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. 0.000 min  
Lab File: VN083565.D  
Acq: 30 Aug 2024 09:18

Tgt Ion: 43 Resp: 130059  
Ion Ratio Lower Upper  
43 100  
74 23.7 19.0 28.4

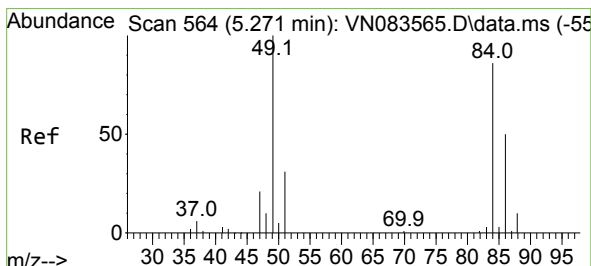
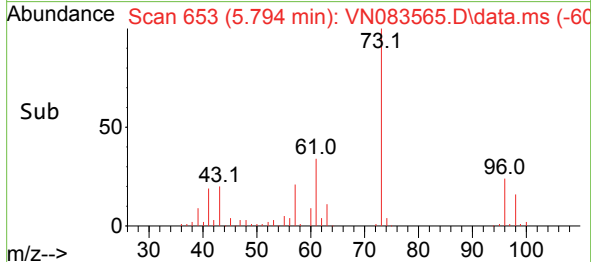
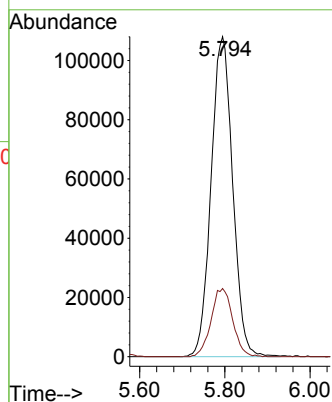
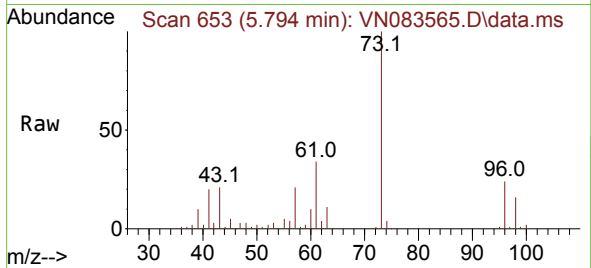




#19  
Methyl tert-butyl Ether  
Concen: 49.768 ug/l  
RT: 5.794 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN083565.D  
Acq: 30 Aug 2024 09:18

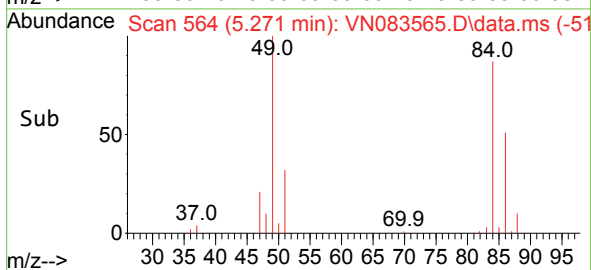
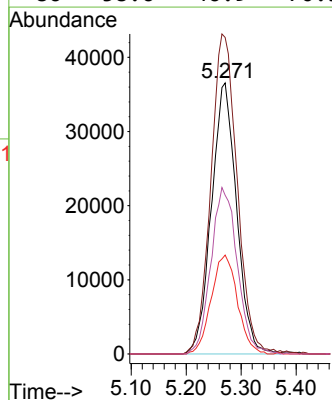
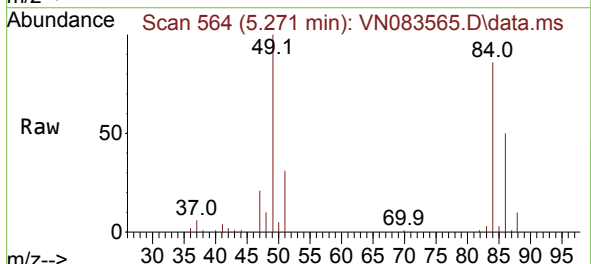
Instrument :  
MSVOA\_N  
ClientSampleId :

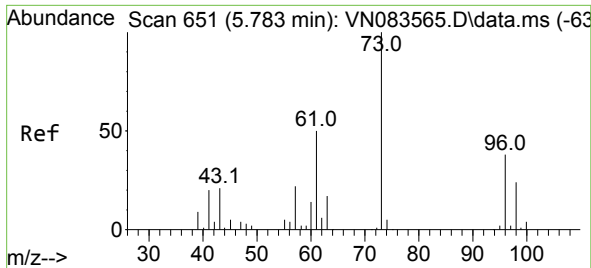
Tgt Ion: 73 Resp: 379898  
Ion Ratio Lower Upper  
73 100  
57 21.3 17.0 25.6



#20  
Methylene Chloride  
Concen: 48.026 ug/l  
RT: 5.271 min Scan# 564  
Delta R.T. 0.000 min  
Lab File: VN083565.D  
Acq: 30 Aug 2024 09:18

Tgt Ion: 84 Resp: 116109  
Ion Ratio Lower Upper  
84 100  
49 116.7 93.4 140.0  
51 36.5 29.2 43.8  
86 58.6 46.9 70.3

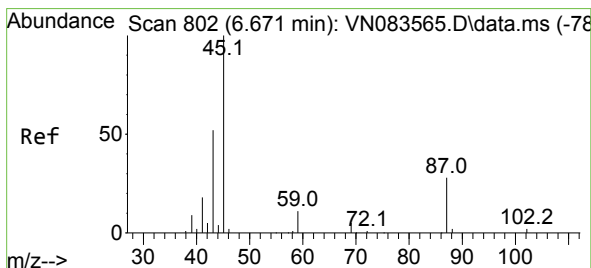
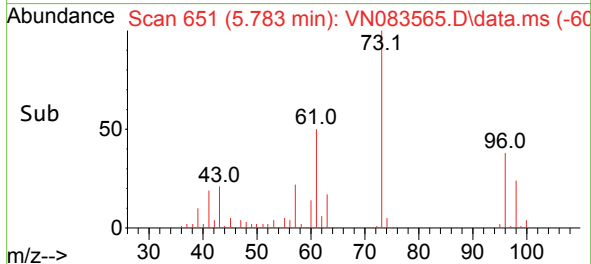
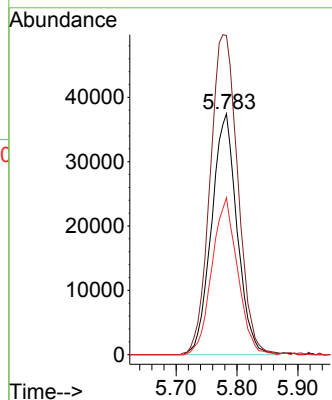
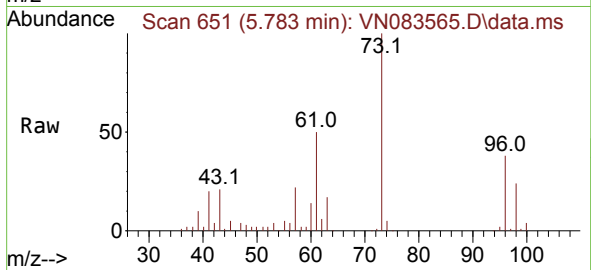




#21  
trans-1,2-Dichloroethene  
Concen: 48.740 ug/l  
RT: 5.783 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN083565.D  
Acq: 30 Aug 2024 09:18

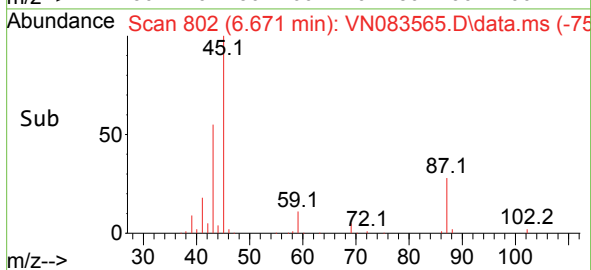
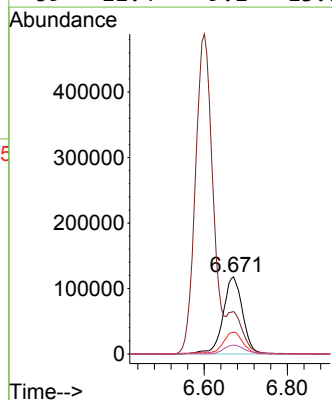
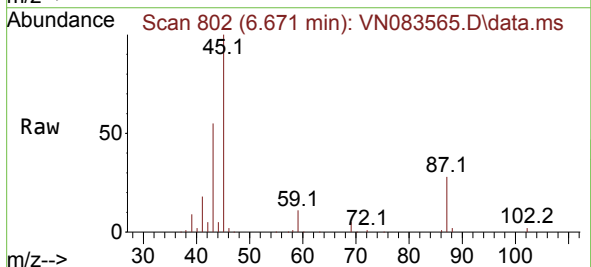
Instrument :  
MSVOA\_N  
ClientSampleId :

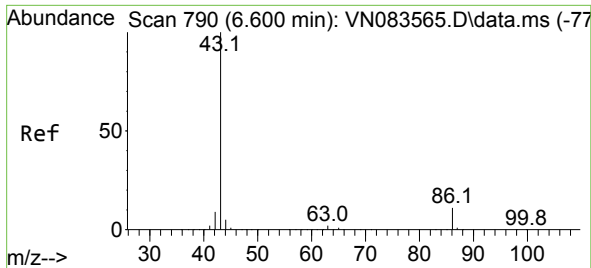
Tgt Ion: 96 Resp: 109255  
Ion Ratio Lower Upper  
96 100  
61 132.5 106.0 159.0  
98 65.2 52.2 78.2



#22  
Diisopropyl ether  
Concen: 50.450 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. 0.000 min  
Lab File: VN083565.D  
Acq: 30 Aug 2024 09:18

Tgt Ion: 45 Resp: 381682  
Ion Ratio Lower Upper  
45 100  
43 54.2 43.4 65.0  
87 28.2 22.6 33.8  
59 11.4 9.1 13.7

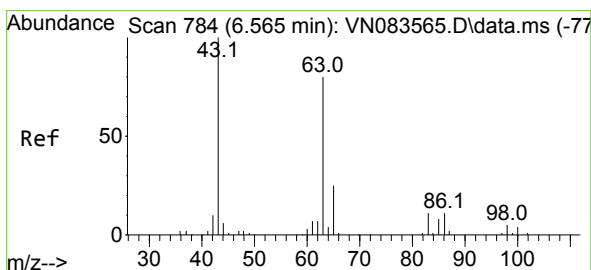
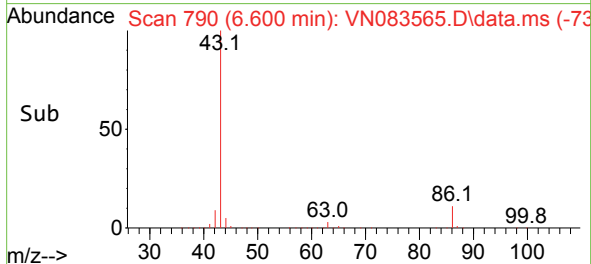
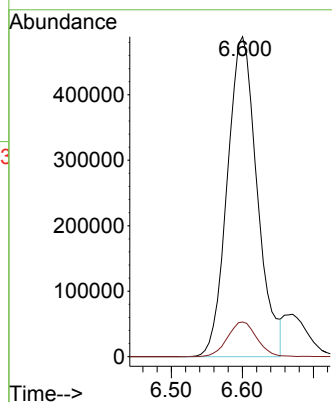
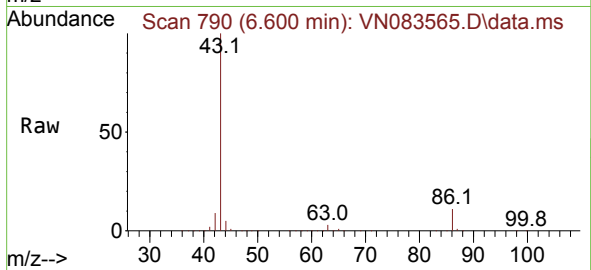




#23  
 Vinyl Acetate  
 Concen: 255.143 ug/l  
 RT: 6.600 min Scan# 790  
 Delta R.T. 0.000 min  
 Lab File: VN083565.D  
 Acq: 30 Aug 2024 09:18

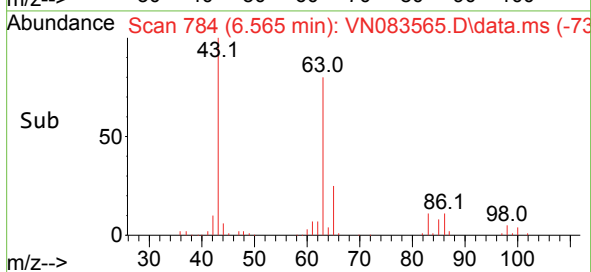
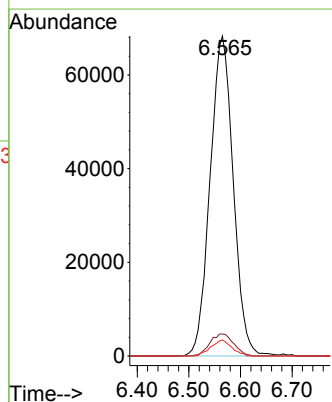
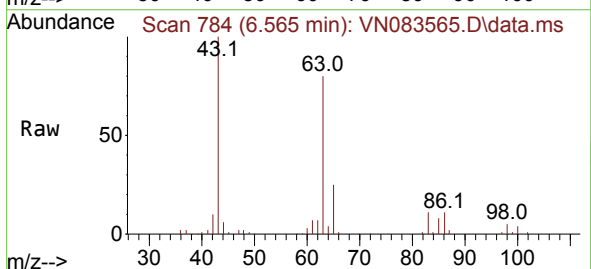
Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tgt Ion: 43 Resp: 1430499  
 Ion Ratio Lower Upper  
 43 100  
 86 10.9 8.7 13.1

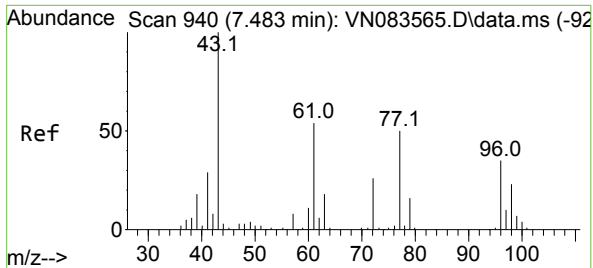


#24  
 1,1-Dichloroethane  
 Concen: 49.298 ug/l  
 RT: 6.565 min Scan# 784  
 Delta R.T. 0.000 min  
 Lab File: VN083565.D  
 Acq: 30 Aug 2024 09:18

Tgt Ion: 63 Resp: 212689  
 Ion Ratio Lower Upper  
 63 100  
 98 6.9 3.5 10.4  
 100 5.0 2.5 7.5



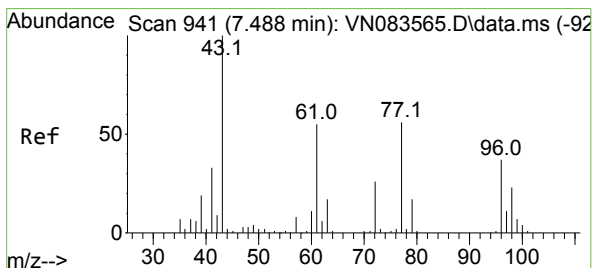
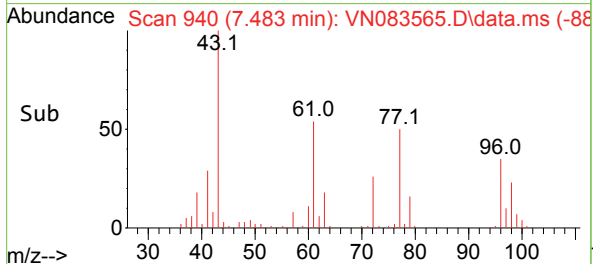
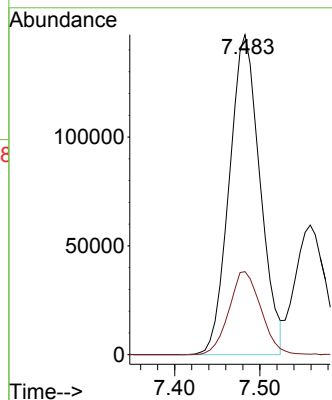
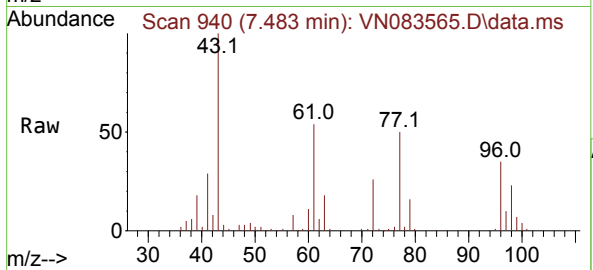




#25  
2-Butanone  
Concen: 247.463 ug/l  
RT: 7.483 min Scan# 940  
Delta R.T. 0.000 min  
Lab File: VN083565.D  
Acq: 30 Aug 2024 09:18

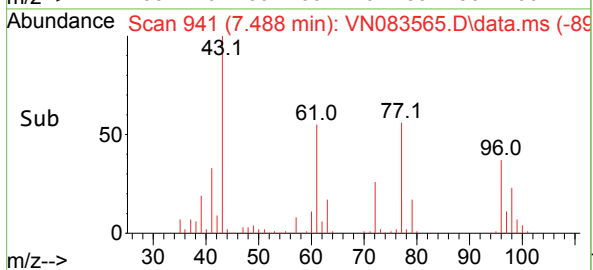
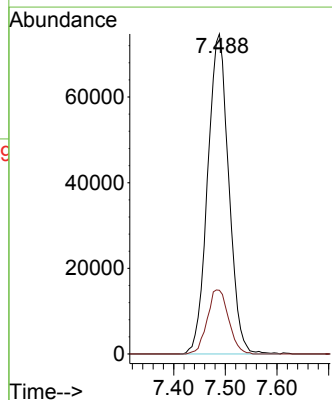
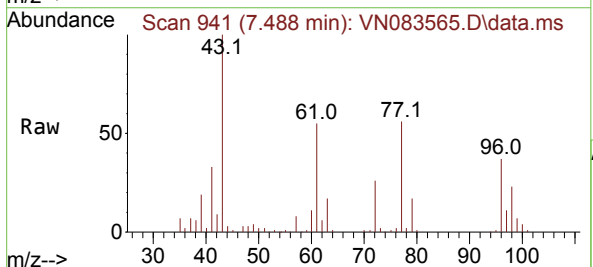
Instrument :  
MSVOA\_N  
ClientSampleId :

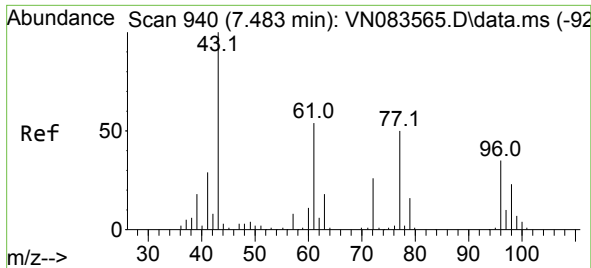
Tgt Ion: 43 Resp: 368868  
Ion Ratio Lower Upper  
43 100  
72 26.0 20.8 31.2



#26  
2,2-Dichloropropane  
Concen: 52.664 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: VN083565.D  
Acq: 30 Aug 2024 09:18

Tgt Ion: 77 Resp: 211546  
Ion Ratio Lower Upper  
77 100  
97 20.3 10.2 30.4

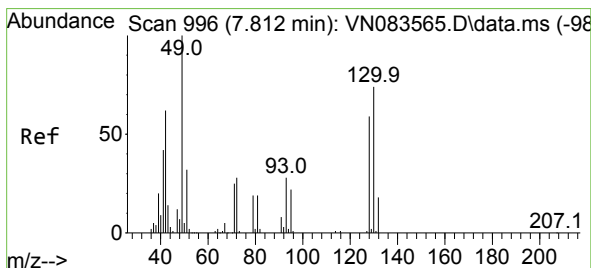
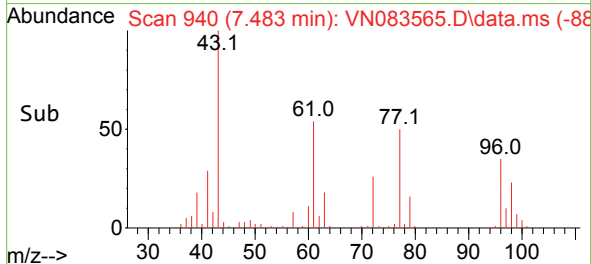
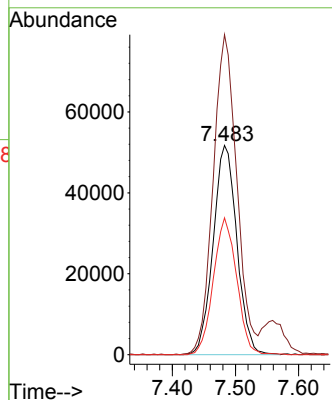
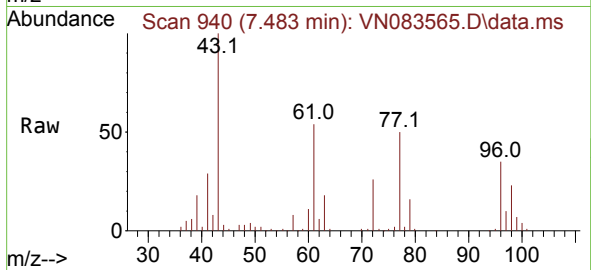




#27  
 cis-1,2-Dichloroethene  
 Concen: 50.417 ug/l  
 RT: 7.483 min Scan# 940  
 Delta R.T. 0.000 min  
 Lab File: VN083565.D  
 Acq: 30 Aug 2024 09:18

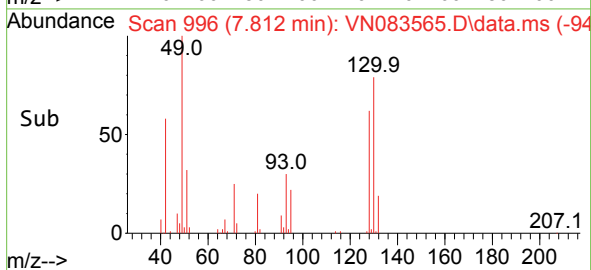
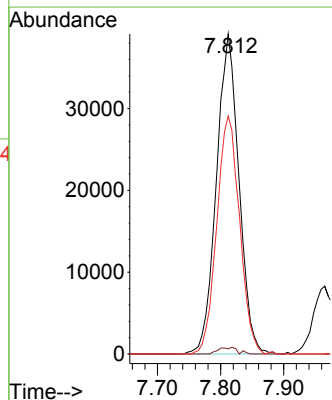
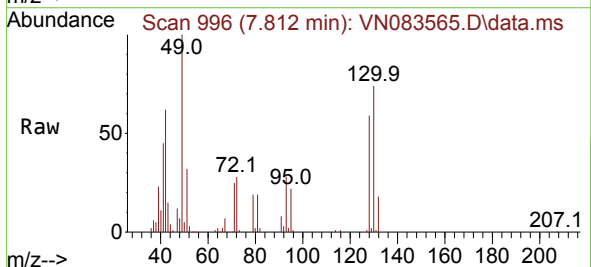
Instrument :  
 MSVOA\_N  
 ClientSampleId :

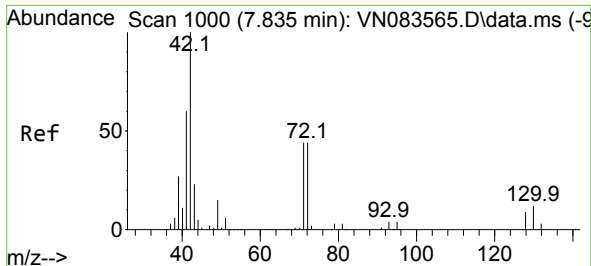
Tgt Ion: 96 Resp: 134857  
 Ion Ratio Lower Upper  
 96 100  
 61 153.1 0.0 306.2  
 98 64.3 0.0 128.6



#28  
 Bromochloromethane  
 Concen: 48.122 ug/l  
 RT: 7.812 min Scan# 996  
 Delta R.T. 0.000 min  
 Lab File: VN083565.D  
 Acq: 30 Aug 2024 09:18

Tgt Ion: 49 Resp: 96952  
 Ion Ratio Lower Upper  
 49 100  
 129 1.7 0.0 3.4  
 130 75.2 60.2 90.2





#29

Tetrahydrofuran

Concen: 246.376 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.000 min

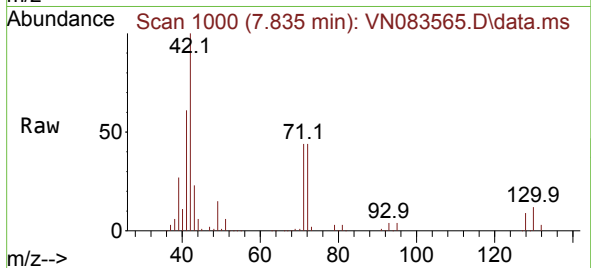
Lab File: VN083565.D

Acq: 30 Aug 2024 09:18

Instrument :

MSVOA\_N

ClientSampleId :



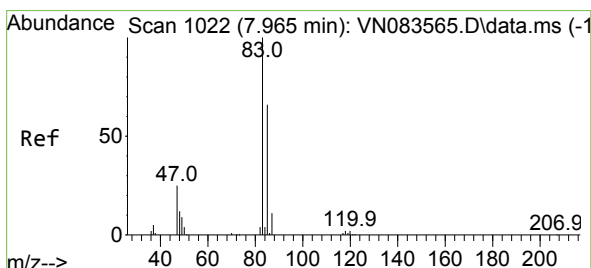
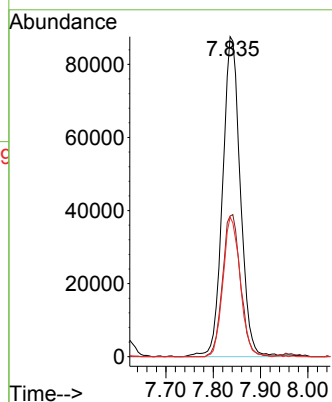
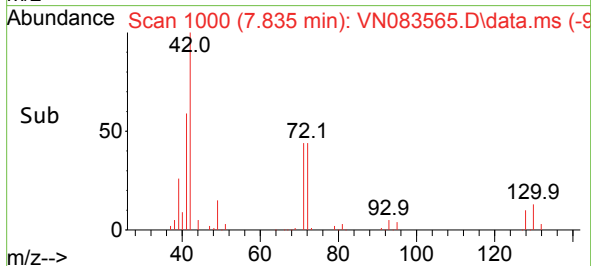
Tgt Ion: 42 Resp: 227795

Ion Ratio Lower Upper

42 100

72 44.9 35.9 53.9

71 42.4 33.9 50.9



#30

Chloroform

Concen: 49.471 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN083565.D

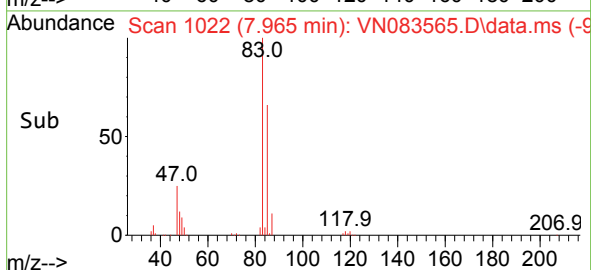
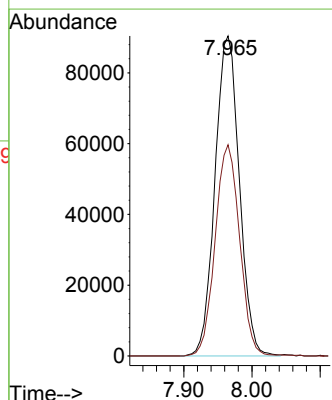
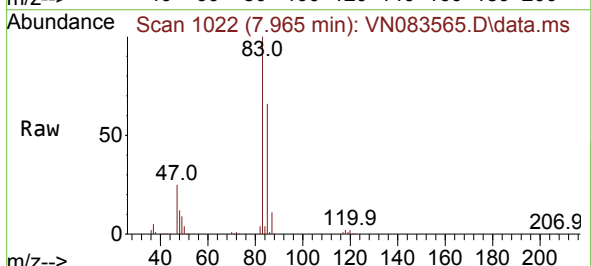
Acq: 30 Aug 2024 09:18

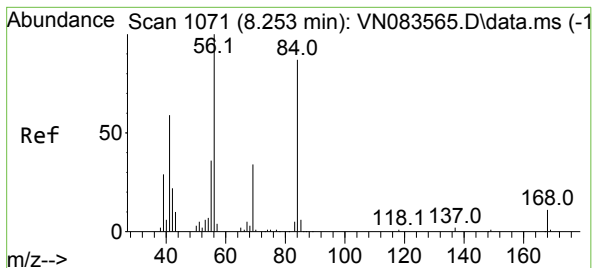
Tgt Ion: 83 Resp: 224869

Ion Ratio Lower Upper

83 100

85 66.0 52.8 79.2





#31

Cyclohexane

Concen: 46.448 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. 0.000 min

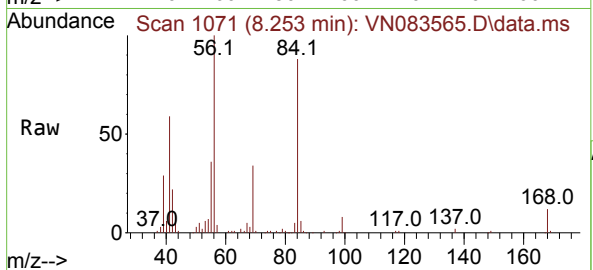
Lab File: VN083565.D

Acq: 30 Aug 2024 09:18

Instrument :

MSVOA\_N

ClientSampleId :



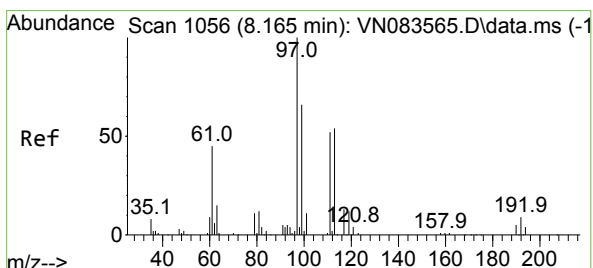
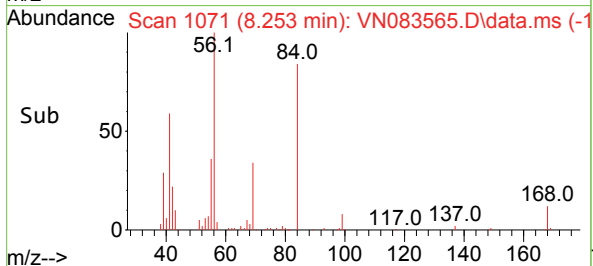
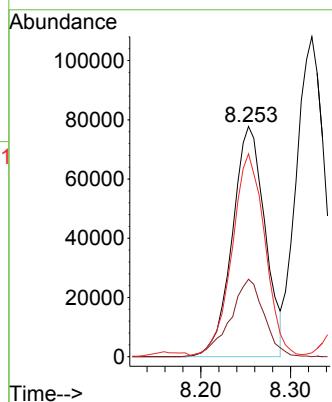
Tgt Ion: 56 Resp: 197250

Ion Ratio Lower Upper

56 100

69 33.6 26.9 40.3

84 86.5 69.2 103.8



#32

1,1,1-Trichloroethane

Concen: 51.584 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083565.D

Acq: 30 Aug 2024 09:18

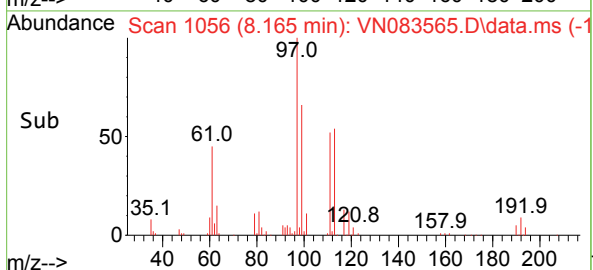
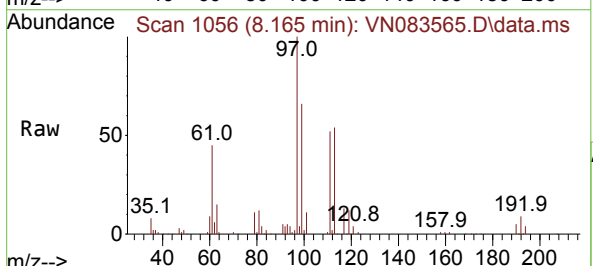
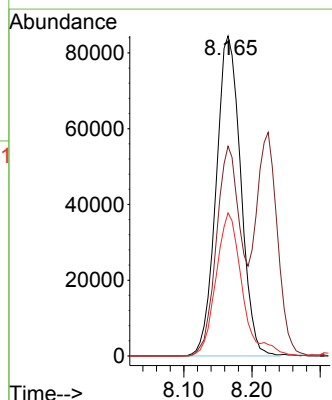
Tgt Ion: 97 Resp: 212026

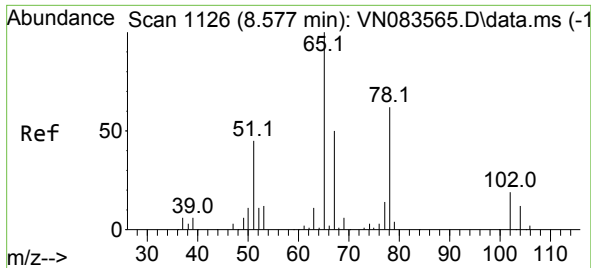
Ion Ratio Lower Upper

97 100

99 65.4 52.3 78.5

61 47.7 38.2 57.2

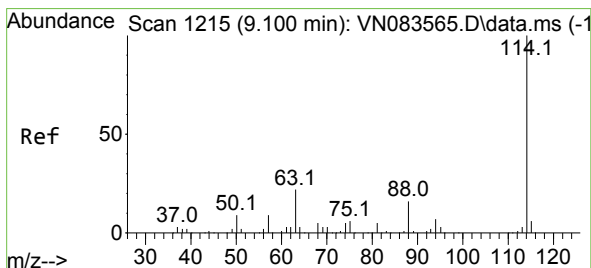
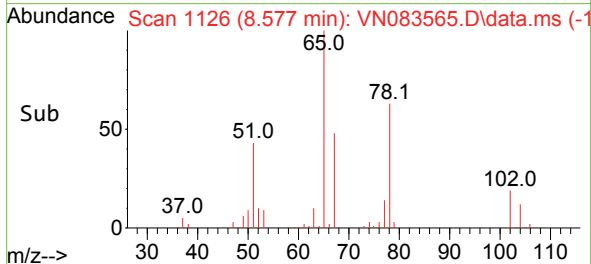
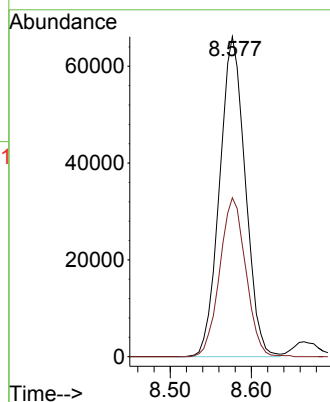
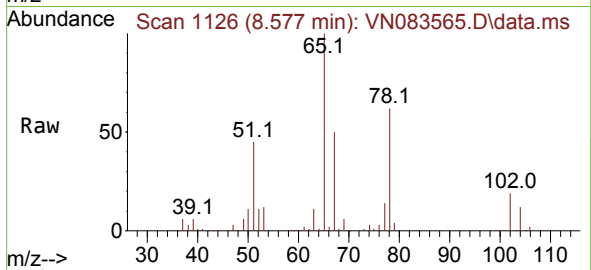




#33  
 1,2-Dichloroethane-d4  
 Concen: 52.886 ug/l  
 RT: 8.577 min Scan# 1126  
 Delta R.T. 0.000 min  
 Lab File: VN083565.D  
 Acq: 30 Aug 2024 09:18

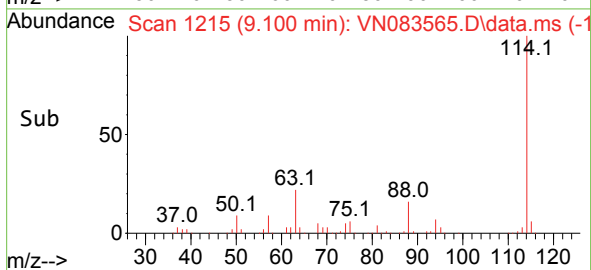
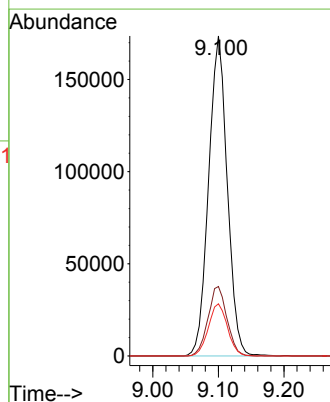
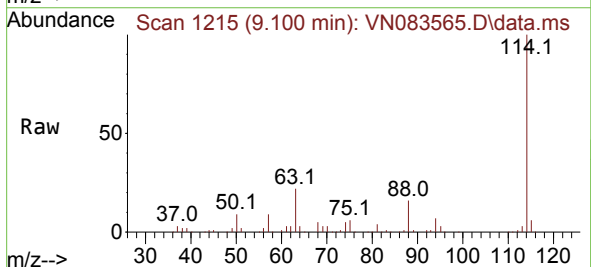
Instrument :  
 MSVOA\_N  
 ClientSampleId :

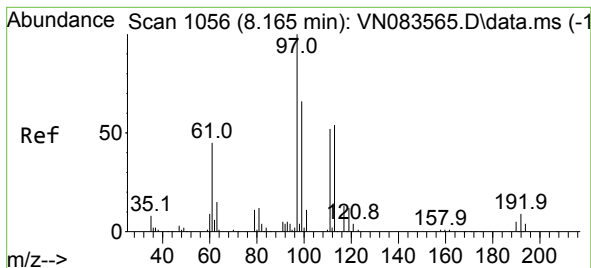
Tgt Ion: 65 Resp: 145191  
 Ion Ratio Lower Upper  
 65 100  
 67 50.4 0.0 100.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 9.100 min Scan# 1215  
 Delta R.T. 0.000 min  
 Lab File: VN083565.D  
 Acq: 30 Aug 2024 09:18

Tgt Ion: 114 Resp: 343039  
 Ion Ratio Lower Upper  
 114 100  
 63 21.7 0.0 43.4  
 88 16.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.286 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083565.D

Acq: 30 Aug 2024 09:18

Instrument :

MSVOA\_N

ClientSampleId :

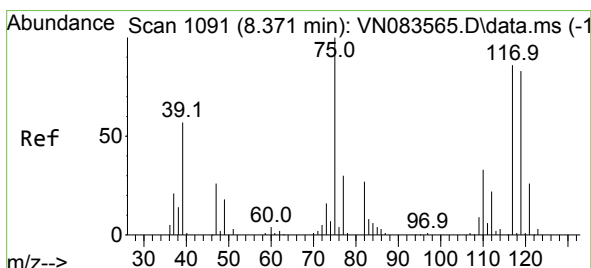
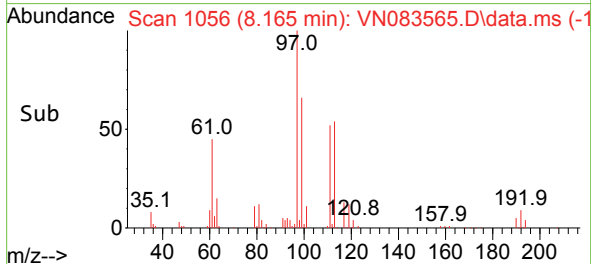
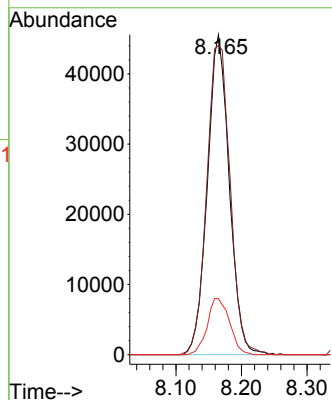
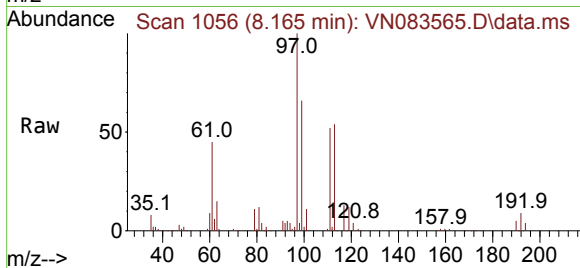
Tgt Ion:113 Resp: 105888

Ion Ratio Lower Upper

113 100

111 103.3 82.6 124.0

192 17.9 14.3 21.5



#36

1,1-Dichloropropene

Concen: 50.569 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VN083565.D

Acq: 30 Aug 2024 09:18

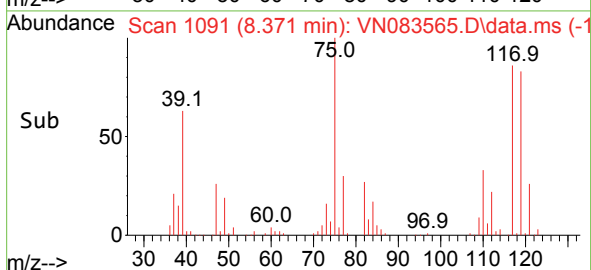
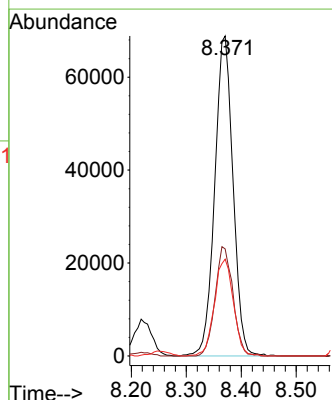
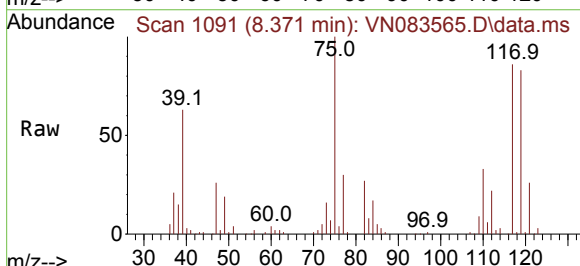
Tgt Ion: 75 Resp: 159257

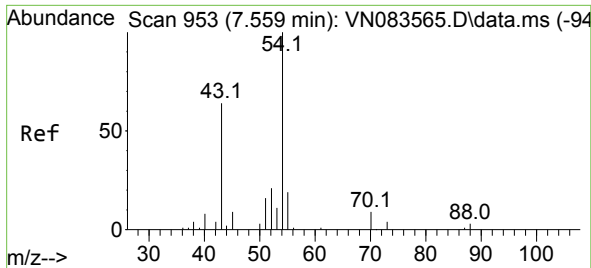
Ion Ratio Lower Upper

75 100

110 33.4 16.7 50.1

77 31.5 25.2 37.8

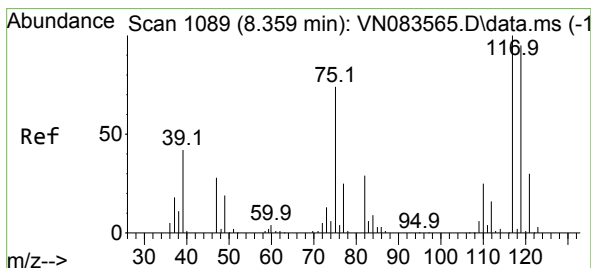
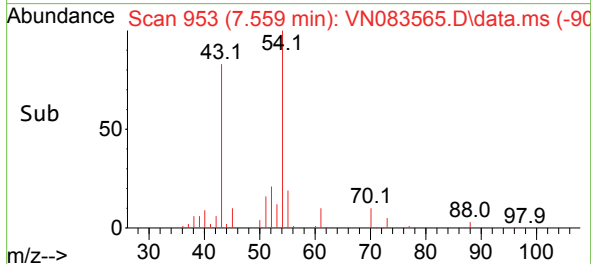
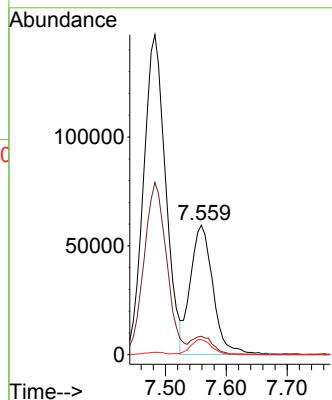
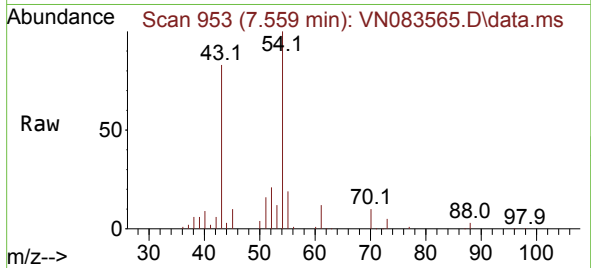




#37  
Ethyl Acetate  
Concen: 48.842 ug/l  
RT: 7.559 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VN083565.D  
Acq: 30 Aug 2024 09:18

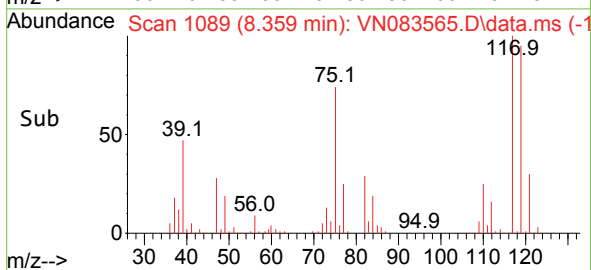
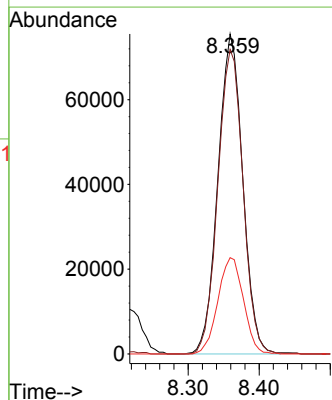
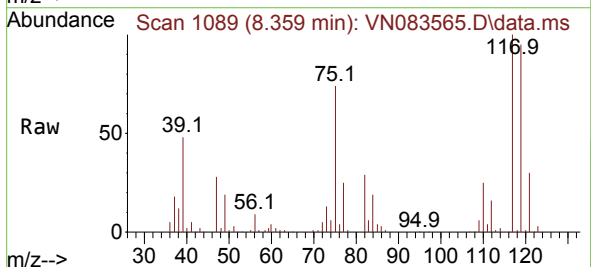
Instrument :  
MSVOA\_N  
ClientSampleId :

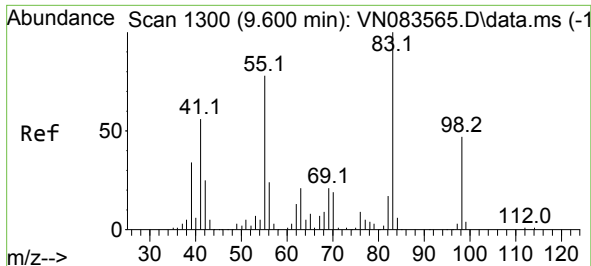
Tgt Ion: 43 Resp: 153081  
Ion Ratio Lower Upper  
43 100  
61 13.9 11.1 16.7  
70 11.0 8.8 13.2



#38  
Carbon Tetrachloride  
Concen: 50.858 ug/l  
RT: 8.359 min Scan# 1089  
Delta R.T. 0.000 min  
Lab File: VN083565.D  
Acq: 30 Aug 2024 09:18

Tgt Ion: 117 Resp: 182741  
Ion Ratio Lower Upper  
117 100  
119 95.1 76.1 114.1  
121 30.1 24.1 36.1





#39

Methylcyclohexane

Concen: 53.006 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN083565.D

Acq: 30 Aug 2024 09:18

Instrument :

MSVOA\_N

ClientSampleId :

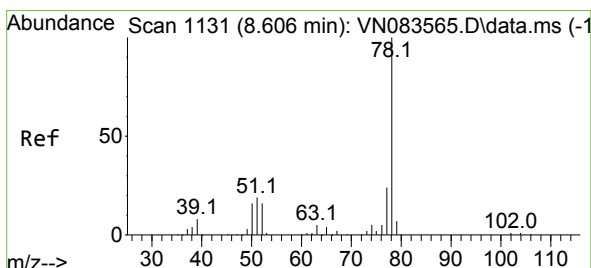
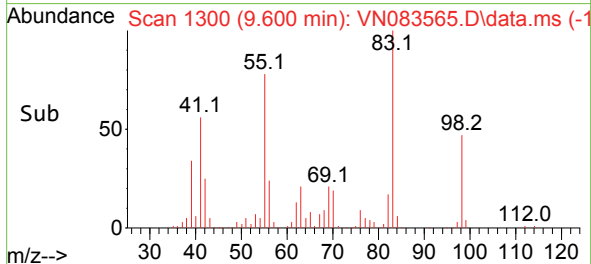
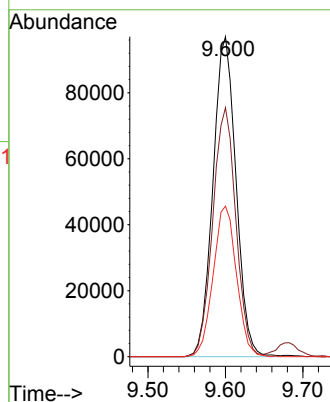
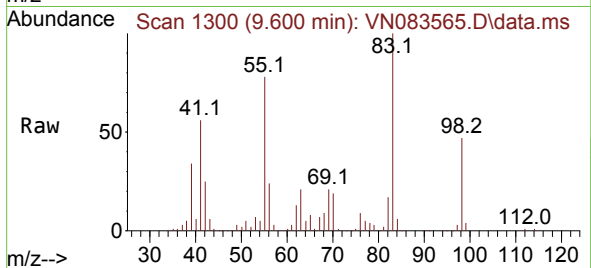
Tgt Ion: 83 Resp: 200310

Ion Ratio Lower Upper

83 100

55 77.8 62.2 93.4

98 47.0 37.6 56.4



#40

Benzene

Concen: 50.238 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN083565.D

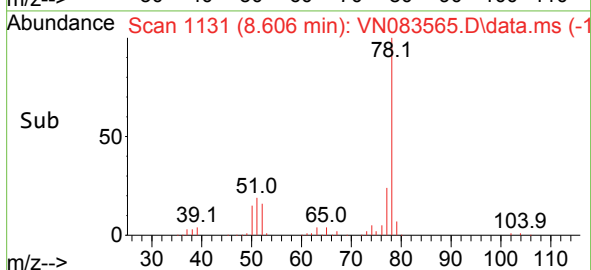
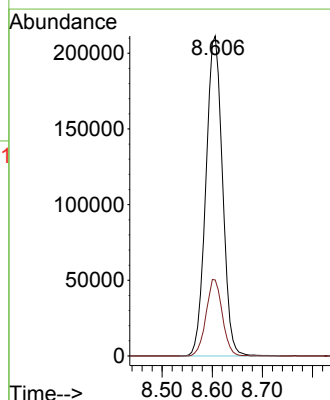
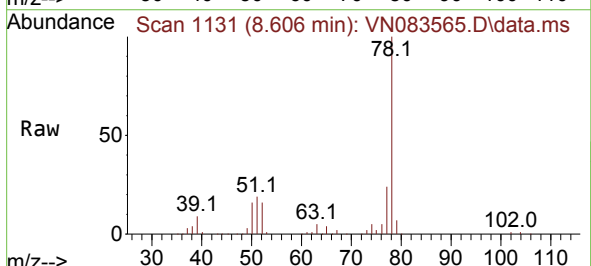
Acq: 30 Aug 2024 09:18

Tgt Ion: 78 Resp: 486700

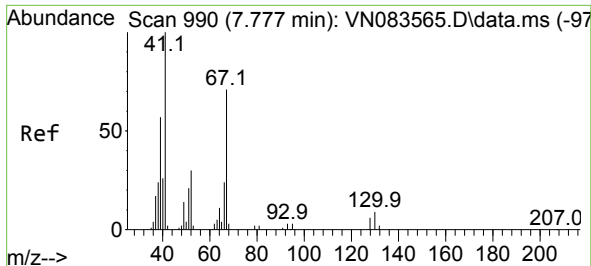
Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.6

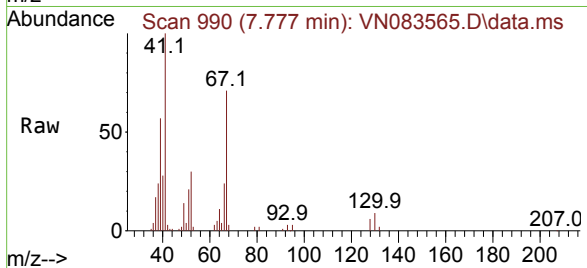




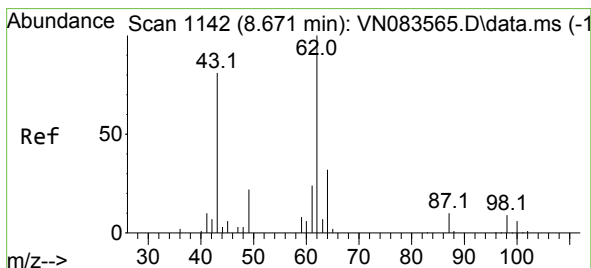
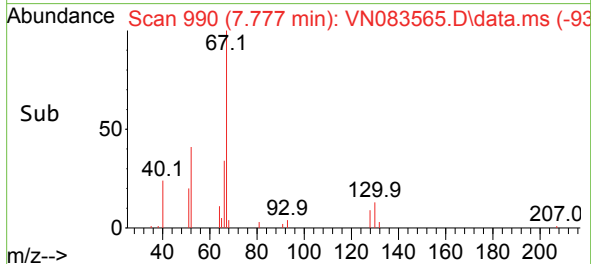
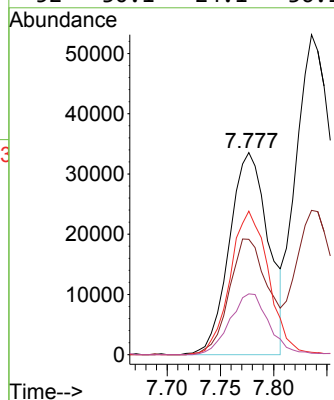


#41  
Methacrylonitrile  
Concen: 48.060 ug/l  
RT: 7.777 min Scan# 990  
Delta R.T. 0.000 min  
Lab File: VN083565.D  
Acq: 30 Aug 2024 09:18

Instrument :  
MSVOA\_N  
ClientSampleId :

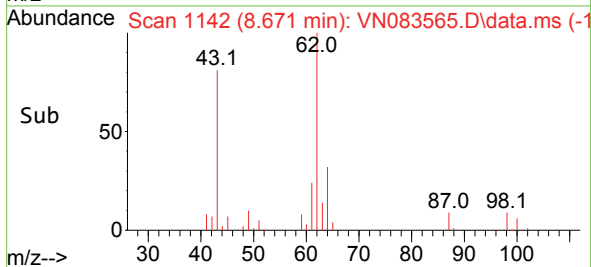
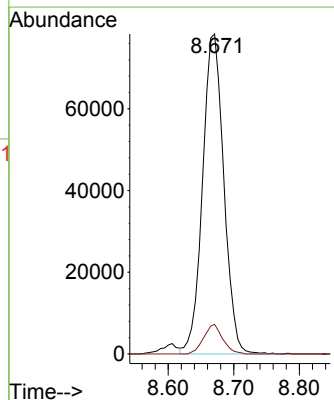
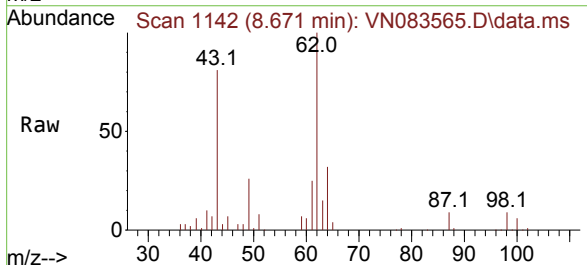


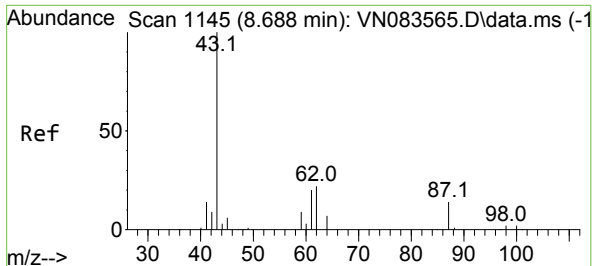
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 85958 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 56.8  | 45.4  | 68.2  |
| 67       | 69.9  | 55.9  | 83.9  |
| 52       | 30.1  | 24.1  | 36.1  |



#42  
1,2-Dichloroethane  
Concen: 49.167 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. 0.000 min  
Lab File: VN083565.D  
Acq: 30 Aug 2024 09:18

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 176565 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.3   | 0.0   | 16.6   |

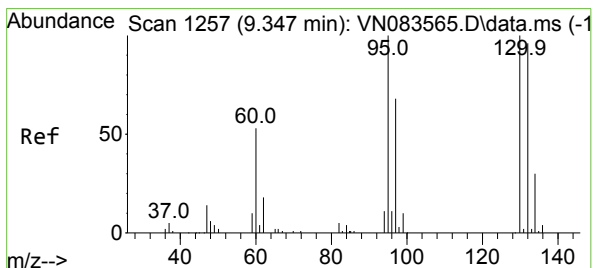
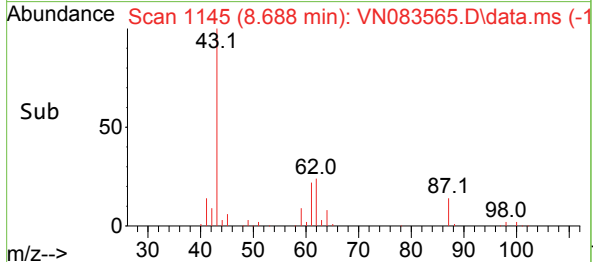
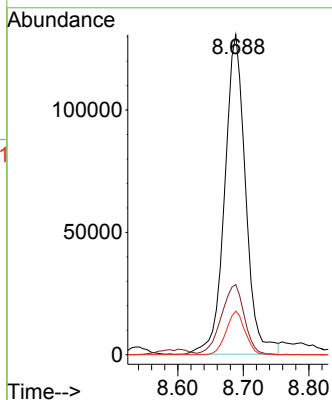
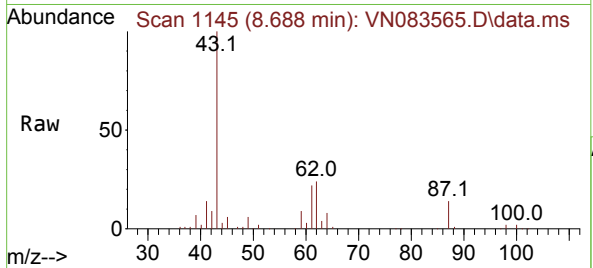




#43  
Isopropyl Acetate  
Concen: 45.974 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. 0.000 min  
Lab File: VN083565.D  
Acq: 30 Aug 2024 09:18

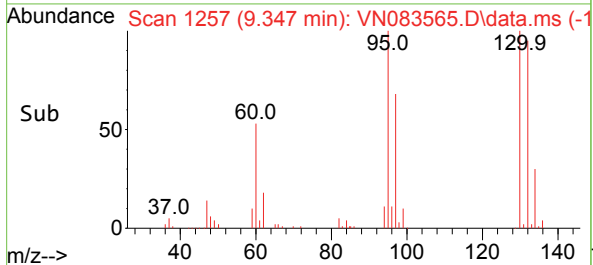
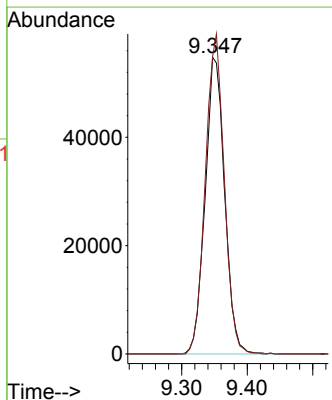
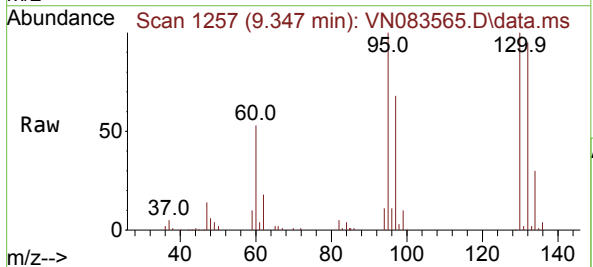
Instrument :  
MSVOA\_N  
ClientSampleId :

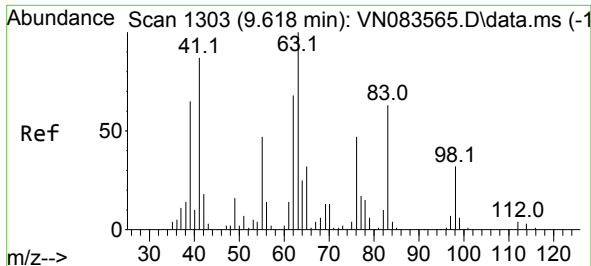
Tgt Ion: 43 Resp: 289772  
Ion Ratio Lower Upper  
43 100  
61 24.2 19.4 29.0  
87 12.2 9.8 14.6



#44  
Trichloroethene  
Concen: 48.613 ug/l  
RT: 9.347 min Scan# 1257  
Delta R.T. 0.000 min  
Lab File: VN083565.D  
Acq: 30 Aug 2024 09:18

Tgt Ion:130 Resp: 113291  
Ion Ratio Lower Upper  
130 100  
95 100.2 0.0 200.4





#45

1,2-Dichloropropane

Concen: 51.926 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN083565.D

Acq: 30 Aug 2024 09:18

Instrument :

MSVOA\_N

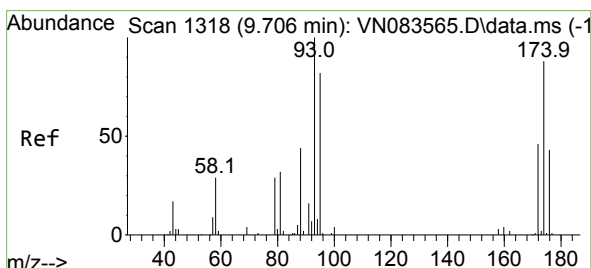
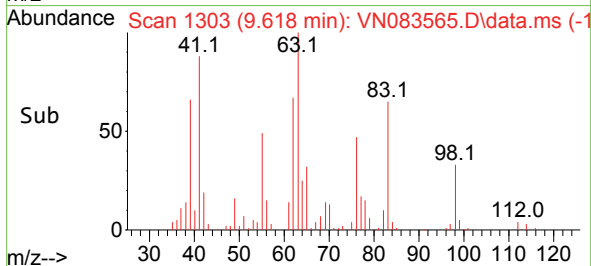
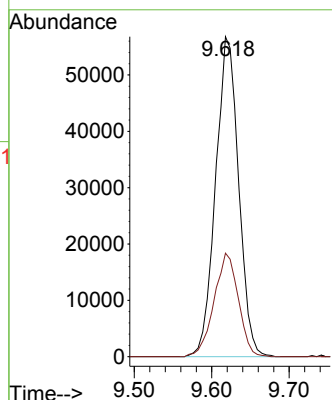
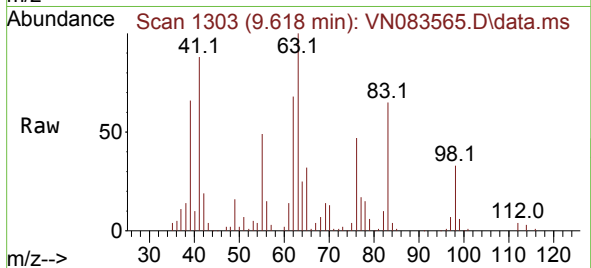
ClientSampleId :

Tgt Ion: 63 Resp: 117186

Ion Ratio Lower Upper

63 100

65 32.4 25.9 38.9



#46

Dibromomethane

Concen: 49.748 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN083565.D

Acq: 30 Aug 2024 09:18

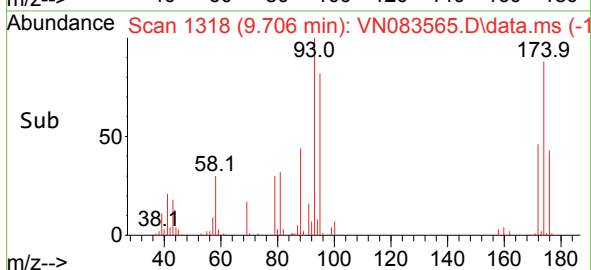
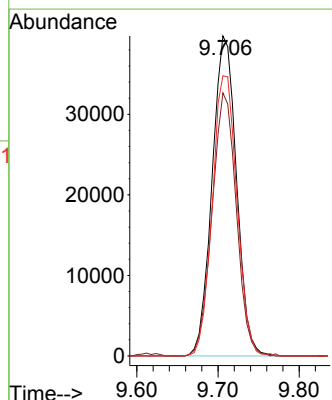
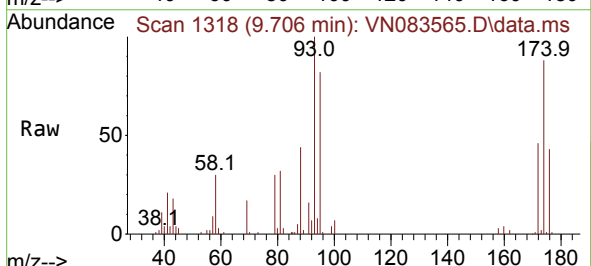
Tgt Ion: 93 Resp: 82828

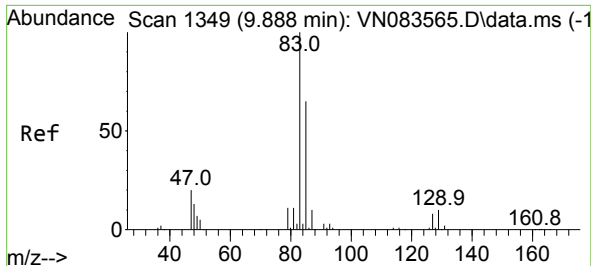
Ion Ratio Lower Upper

93 100

95 81.6 65.3 97.9

174 88.7 71.0 106.4

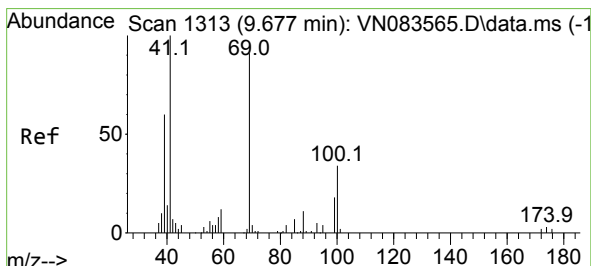
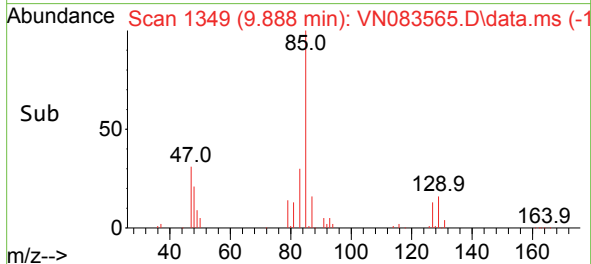
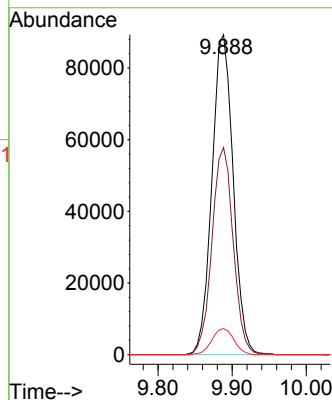
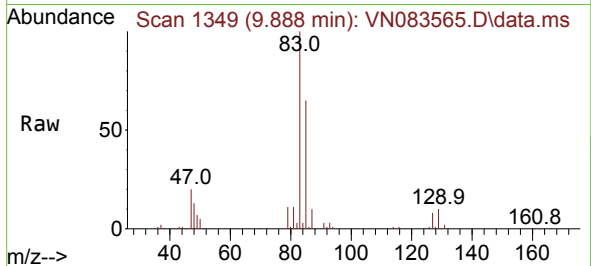




#47  
Bromodichloromethane  
Concen: 50.198 ug/l  
RT: 9.888 min Scan# 1349  
Delta R.T. 0.000 min  
Lab File: VN083565.D  
Acq: 30 Aug 2024 09:18

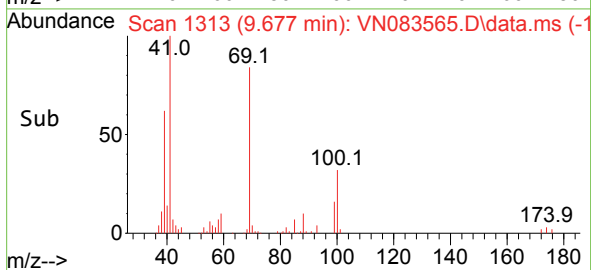
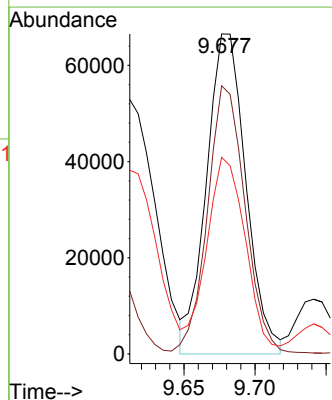
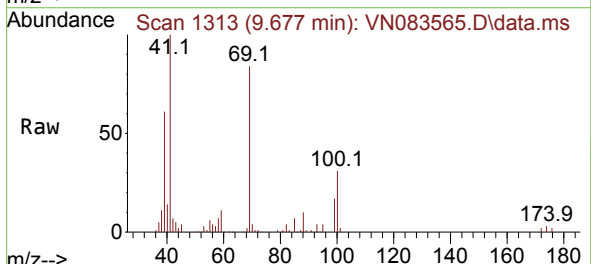
Instrument :  
MSVOA\_N  
ClientSampleId :

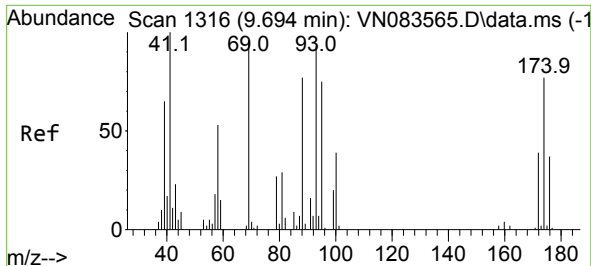
Tgt Ion: 83 Resp: 177908  
Ion Ratio Lower Upper  
83 100  
85 64.8 51.8 77.8  
127 8.2 6.6 9.8



#48  
Methyl methacrylate  
Concen: 49.969 ug/l  
RT: 9.677 min Scan# 1313  
Delta R.T. 0.000 min  
Lab File: VN083565.D  
Acq: 30 Aug 2024 09:18

Tgt Ion: 41 Resp: 128457  
Ion Ratio Lower Upper  
41 100  
69 80.4 64.3 96.5  
39 61.1 48.9 73.3





#49

1,4-Dioxane

Concen: 1031.018 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083565.D

Acq: 30 Aug 2024 09:18

Instrument :

MSVOA\_N

ClientSampleId :

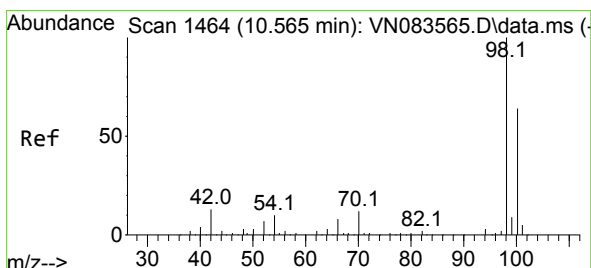
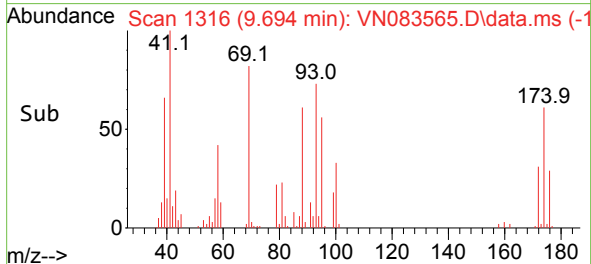
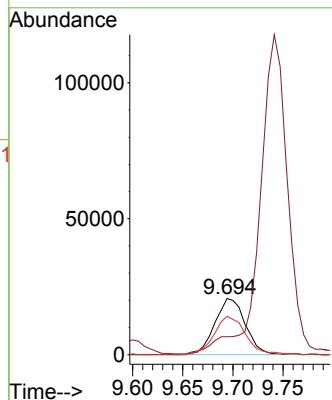
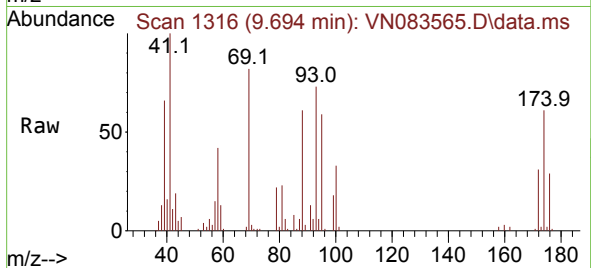
Tgt Ion: 88 Resp: 43430

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 71.4 57.1 85.7



#50

Toluene-d8

Concen: 50.375 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083565.D

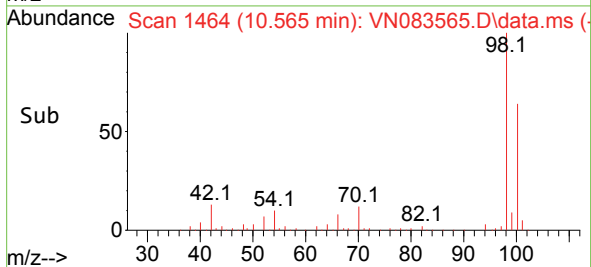
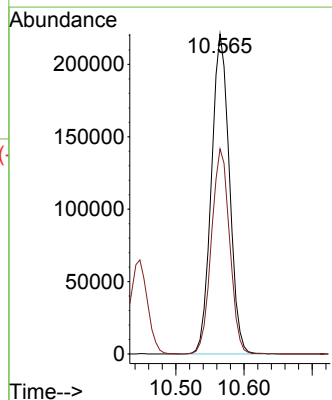
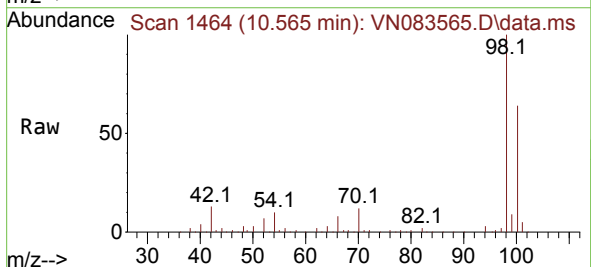
Acq: 30 Aug 2024 09:18

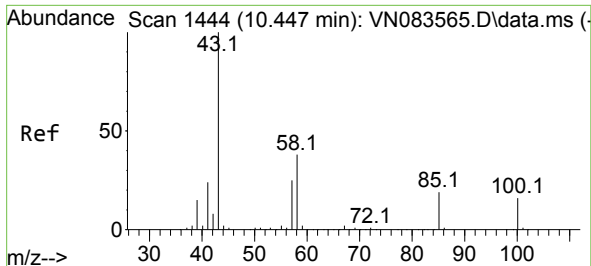
Tgt Ion: 98 Resp: 405553

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0

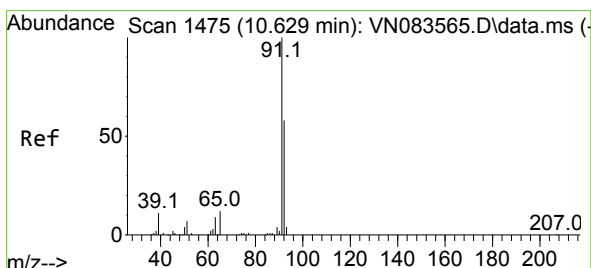
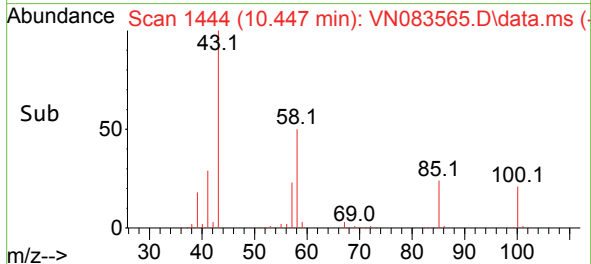
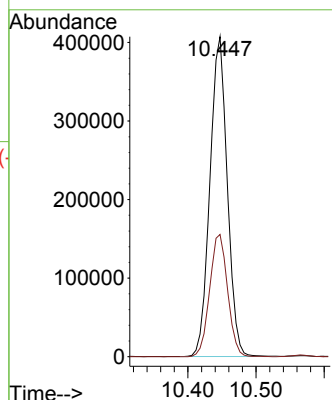
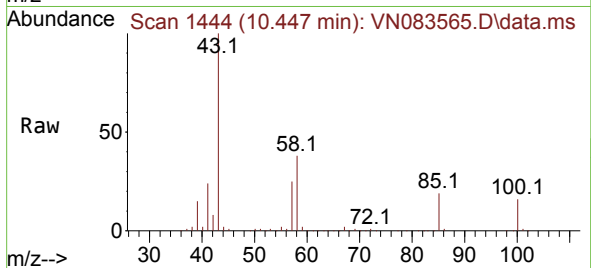




#51  
4-Methyl-2-Pentanone  
Concen: 247.646 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: VN083565.D  
Acq: 30 Aug 2024 09:18

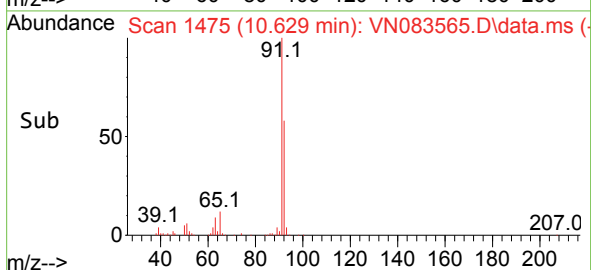
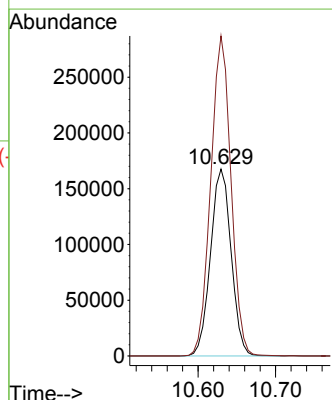
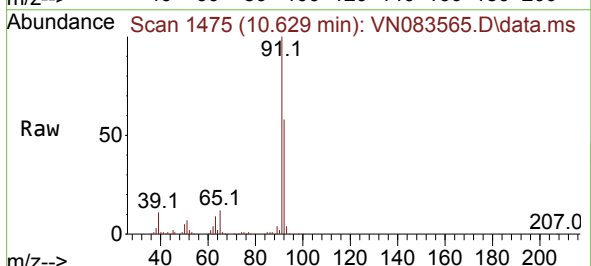
Instrument :  
MSVOA\_N  
ClientSampleId :

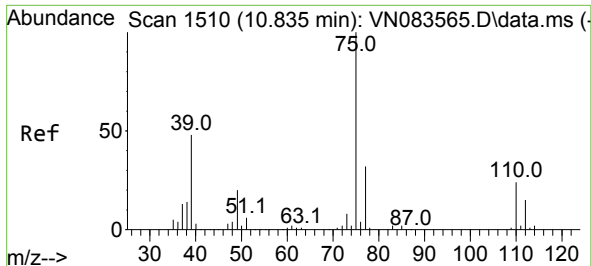
Tgt Ion: 43 Resp: 721605  
Ion Ratio Lower Upper  
43 100  
58 39.5 31.6 47.4



#52  
Toluene  
Concen: 51.241 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VN083565.D  
Acq: 30 Aug 2024 09:18

Tgt Ion: 92 Resp: 310466  
Ion Ratio Lower Upper  
92 100  
91 168.4 134.7 202.1

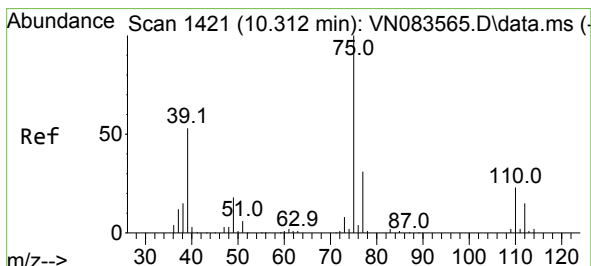
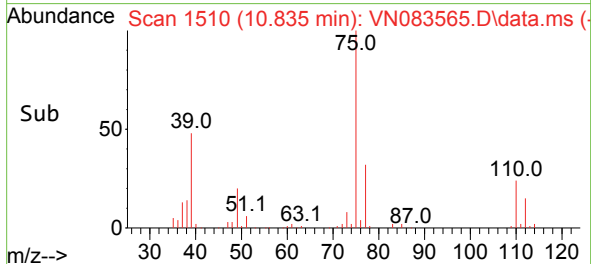
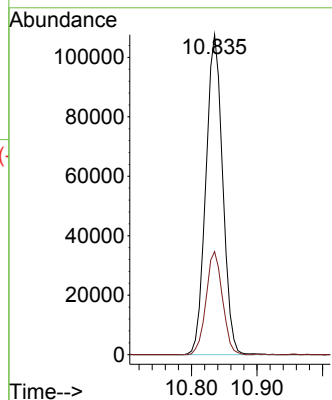
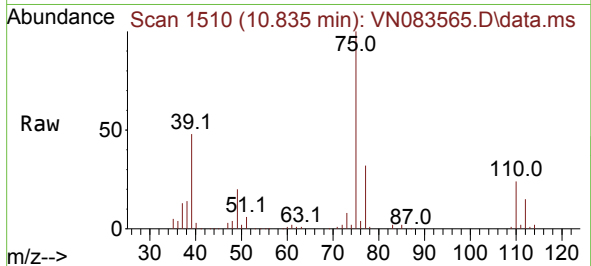




#53  
 t-1,3-Dichloropropene  
 Concen: 52.384 ug/l  
 RT: 10.835 min Scan# 1510  
 Delta R.T. 0.000 min  
 Lab File: VN083565.D  
 Acq: 30 Aug 2024 09:18

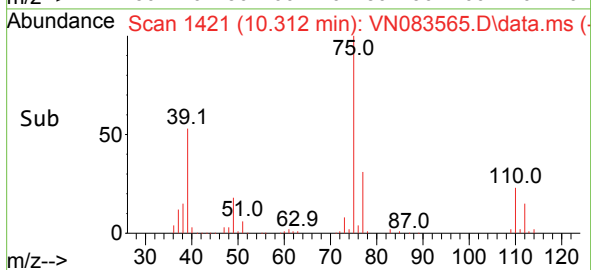
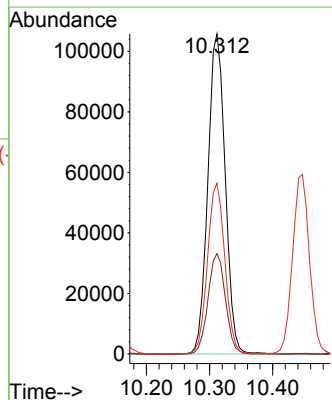
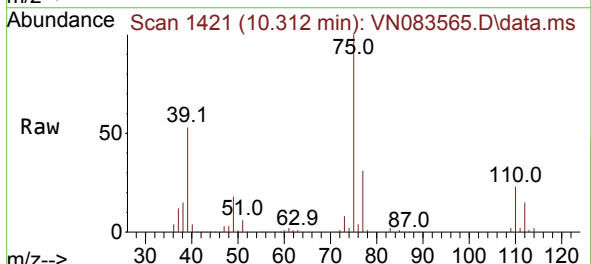
Instrument :  
 MSVOA\_N  
 ClientSampleId :

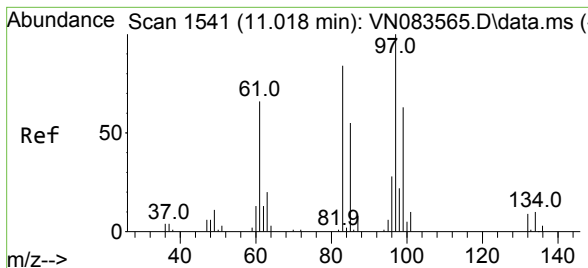
Tgt Ion: 75 Resp: 192197  
 Ion Ratio Lower Upper  
 75 100  
 77 32.2 25.8 38.6



#54  
 cis-1,3-Dichloropropene  
 Concen: 52.380 ug/l  
 RT: 10.312 min Scan# 1421  
 Delta R.T. 0.000 min  
 Lab File: VN083565.D  
 Acq: 30 Aug 2024 09:18

Tgt Ion: 75 Resp: 201718  
 Ion Ratio Lower Upper  
 75 100  
 77 31.3 25.0 37.6  
 39 53.3 42.6 64.0





#55

1,1,2-Trichloroethane

Concen: 50.724 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN083565.D

Acq: 30 Aug 2024 09:18

Instrument :

MSVOA\_N

ClientSampleId :

Tgt Ion: 97 Resp: 109695

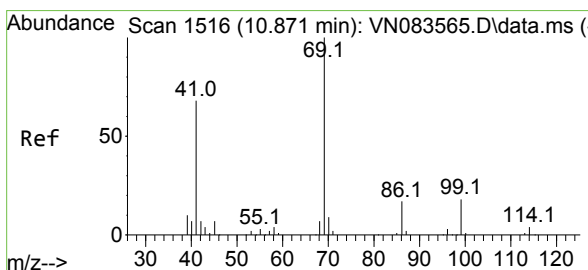
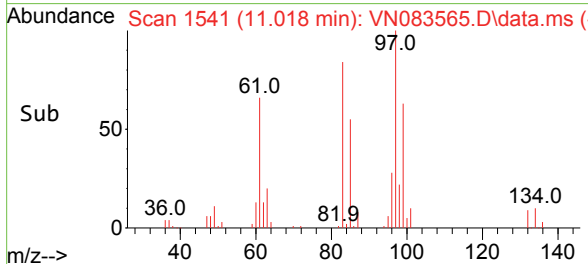
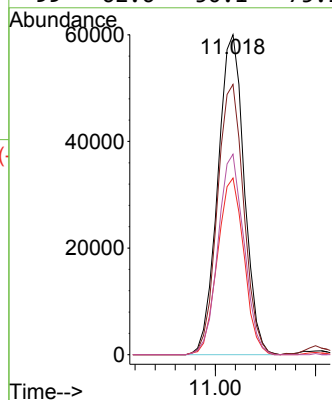
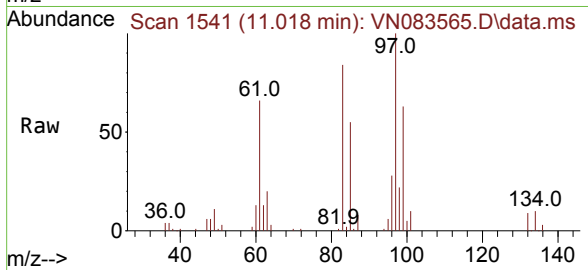
Ion Ratio Lower Upper

97 100

83 84.4 67.5 101.3

85 55.2 44.2 66.2

99 62.6 50.1 75.1



#56

Ethyl methacrylate

Concen: 51.979 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VN083565.D

Acq: 30 Aug 2024 09:18

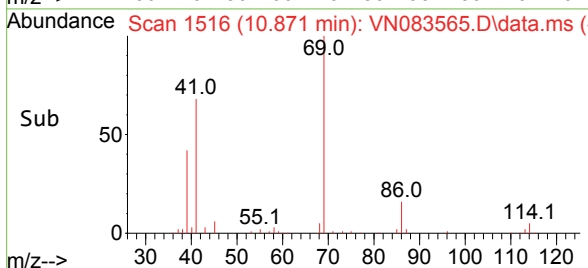
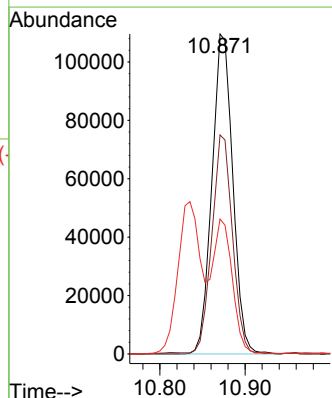
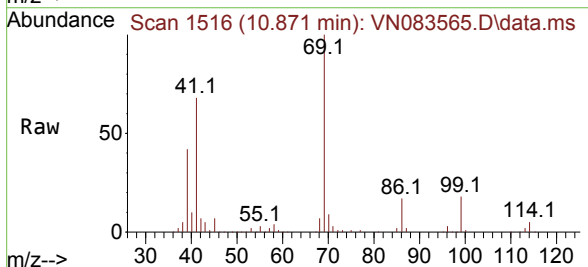
Tgt Ion: 69 Resp: 185957

Ion Ratio Lower Upper

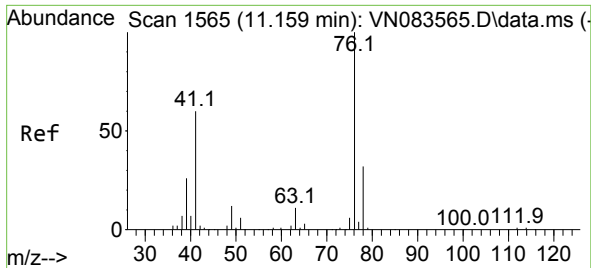
69 100

41 67.4 53.9 80.9

39 40.7 32.6 48.8







#57

1,3-Dichloropropane

Concen: 50.339 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. 0.000 min

Lab File: VN083565.D

Acq: 30 Aug 2024 09:18

Instrument :

MSVOA\_N

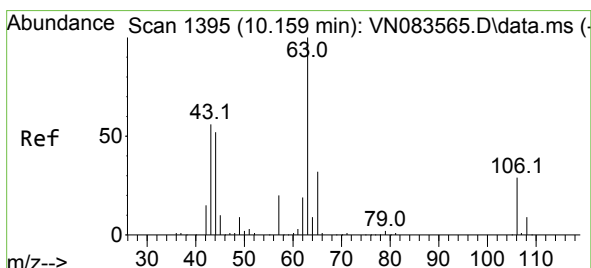
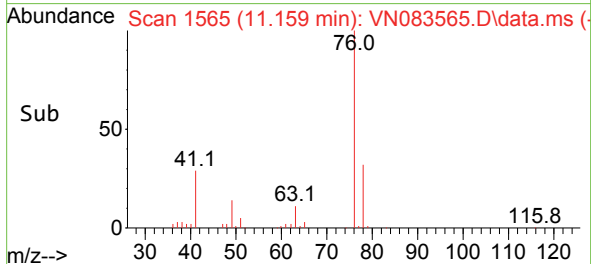
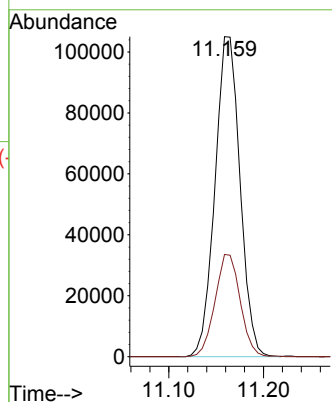
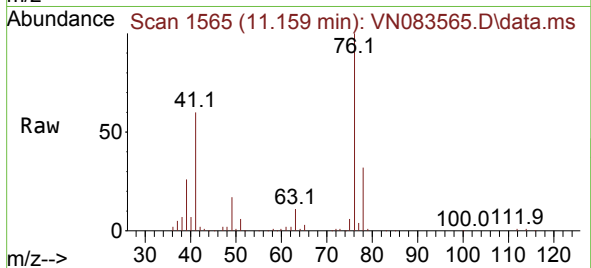
ClientSampleId :

Tgt Ion: 76 Resp: 192730

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 264.313 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN083565.D

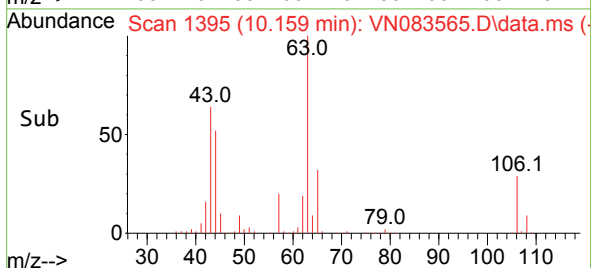
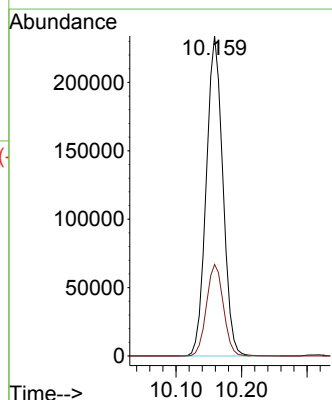
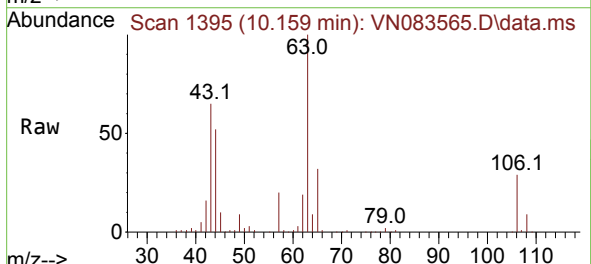
Acq: 30 Aug 2024 09:18

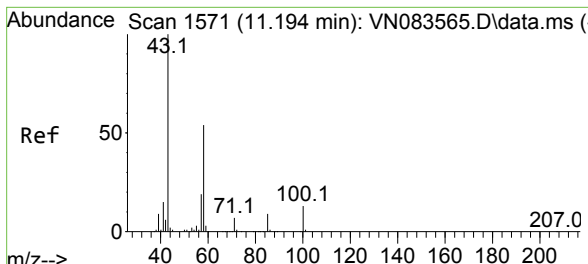
Tgt Ion: 63 Resp: 410878

Ion Ratio Lower Upper

63 100

106 29.1 23.3 34.9

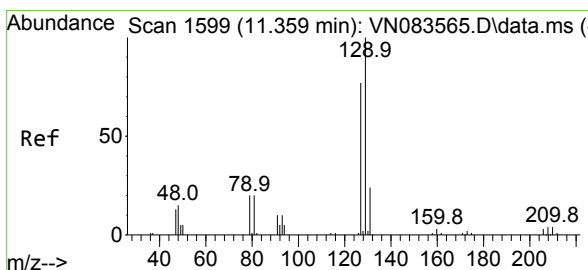
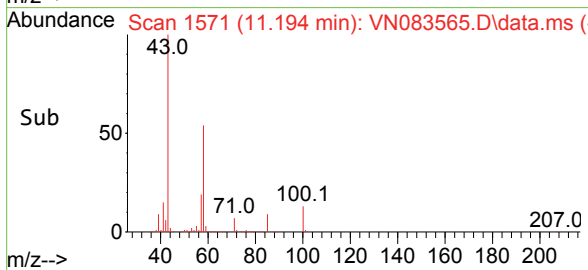
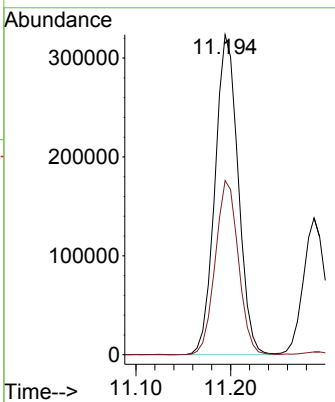
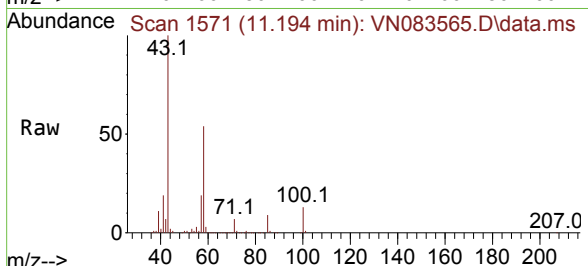




#59  
2-Hexanone  
Concen: 251.332 ug/l  
RT: 11.194 min Scan# 1571  
Delta R.T. 0.000 min  
Lab File: VN083565.D  
Acq: 30 Aug 2024 09:18

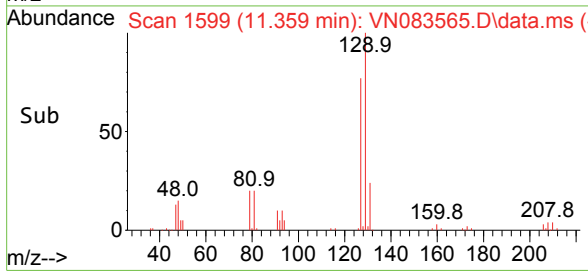
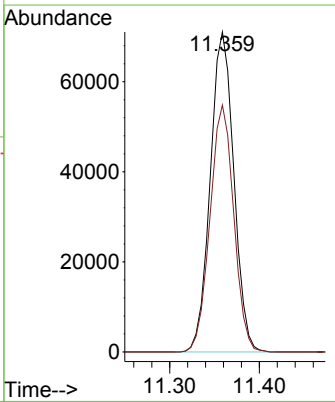
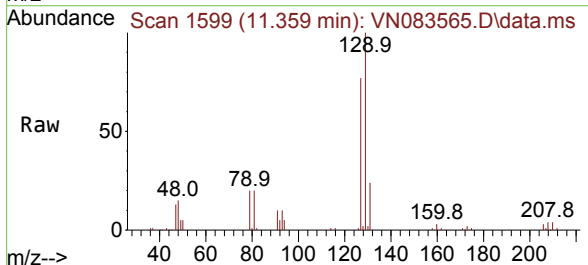
Instrument :  
MSVOA\_N  
ClientSampleId :

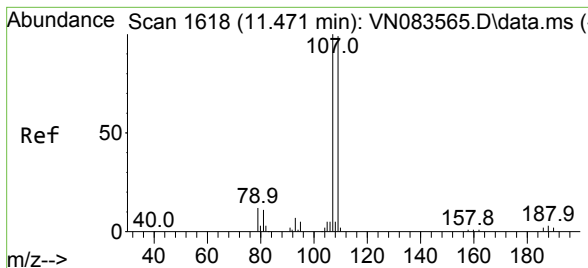
Tgt Ion: 43 Resp: 549608  
Ion Ratio Lower Upper  
43 100  
58 54.3 27.2 81.5



#60  
Dibromochloromethane  
Concen: 51.576 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. 0.000 min  
Lab File: VN083565.D  
Acq: 30 Aug 2024 09:18

Tgt Ion:129 Resp: 129239  
Ion Ratio Lower Upper  
129 100  
127 77.9 39.0 116.9

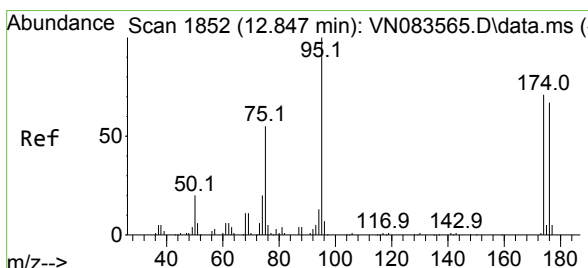
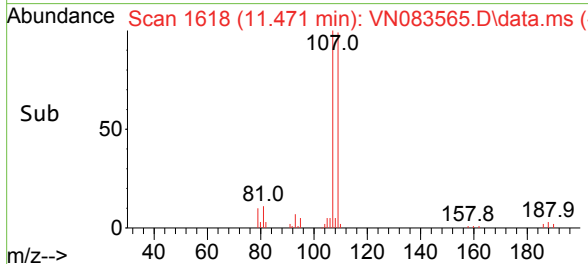
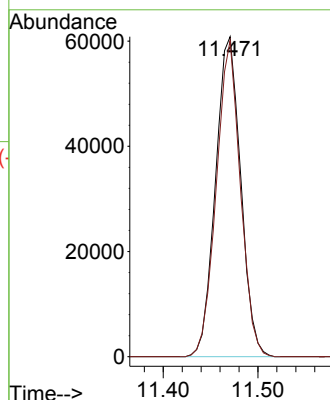
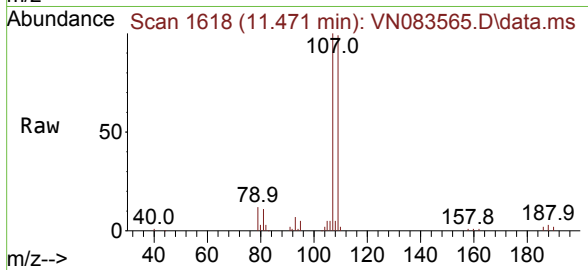




#61  
1,2-Dibromoethane  
Concen: 50.804 ug/l  
RT: 11.471 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VN083565.D  
Acq: 30 Aug 2024 09:18

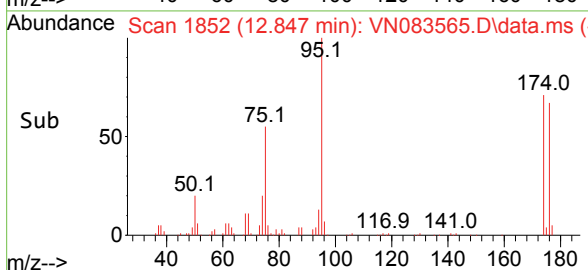
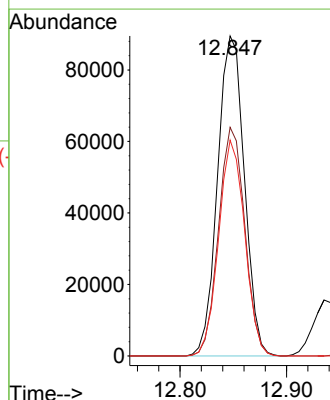
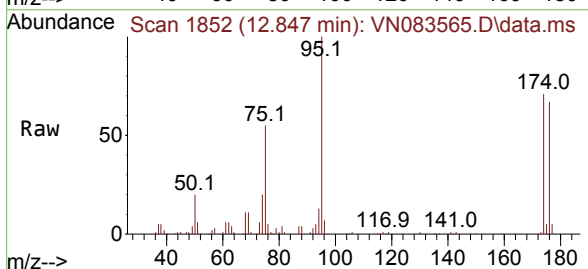
Instrument :  
MSVOA\_N  
ClientSampleId :

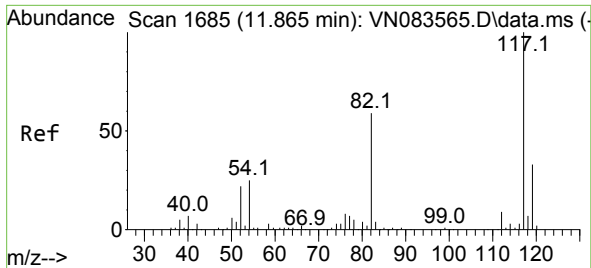
Tgt Ion:107 Resp: 112246  
Ion Ratio Lower Upper  
107 100  
109 94.5 75.6 113.4



#62  
4-Bromofluorobenzene  
Concen: 52.492 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. 0.000 min  
Lab File: VN083565.D  
Acq: 30 Aug 2024 09:18

Tgt Ion: 95 Resp: 156346  
Ion Ratio Lower Upper  
95 100  
174 69.9 0.0 139.8  
176 65.7 0.0 131.4

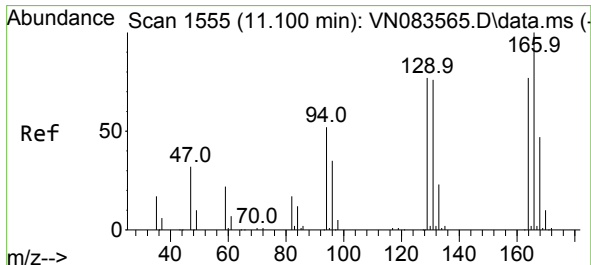
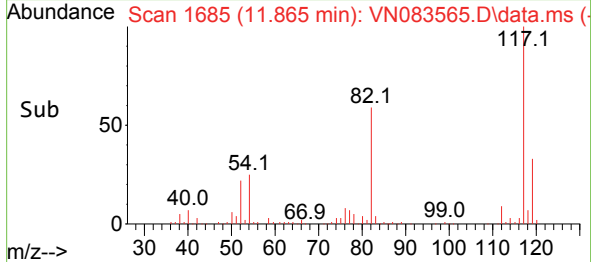
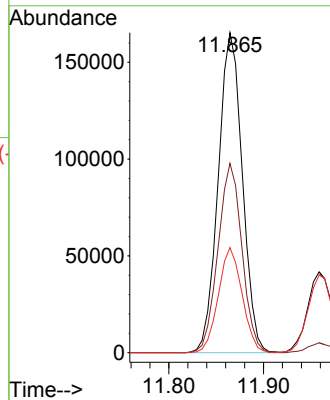
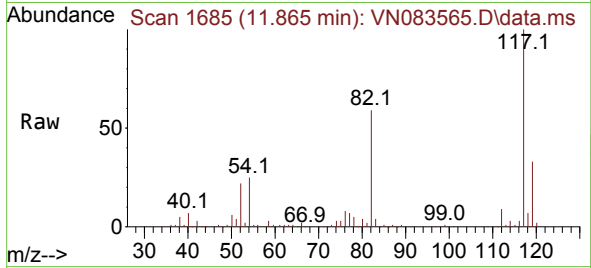




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN083565.D  
Acq: 30 Aug 2024 09:18

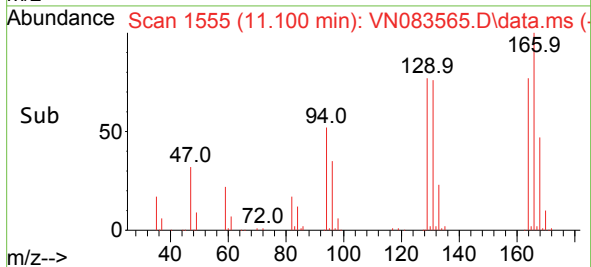
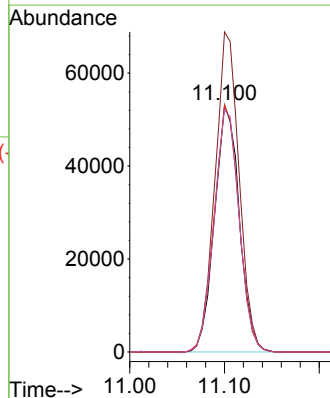
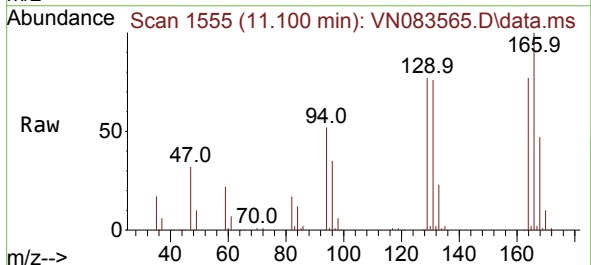
Instrument :  
MSVOA\_N  
ClientSampleId :

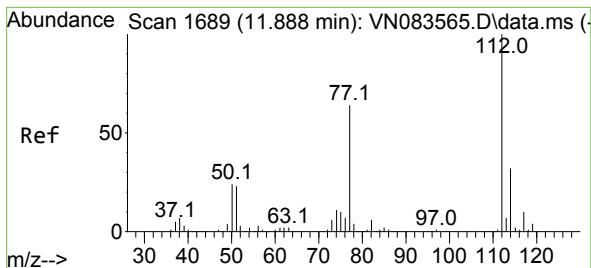
Tgt Ion:117 Resp: 292778  
Ion Ratio Lower Upper  
117 100  
82 59.2 47.4 71.0  
119 32.9 26.3 39.5



#64  
Tetrachloroethene  
Concen: 49.975 ug/l  
RT: 11.100 min Scan# 1555  
Delta R.T. 0.000 min  
Lab File: VN083565.D  
Acq: 30 Aug 2024 09:18

Tgt Ion:164 Resp: 96174  
Ion Ratio Lower Upper  
164 100  
166 129.6 103.7 155.5  
129 99.9 79.9 119.9  
131 98.0 78.4 117.6





#65

Chlorobenzene

Concen: 48.707 ug/l

RT: 11.888 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083565.D

Acq: 30 Aug 2024 09:18

Instrument :

MSVOA\_N

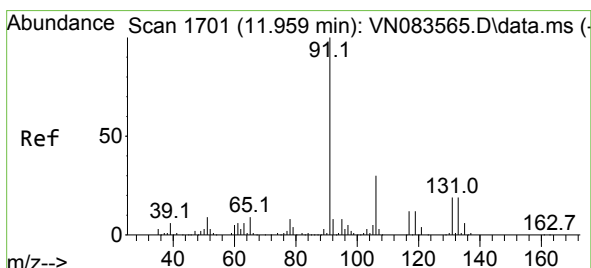
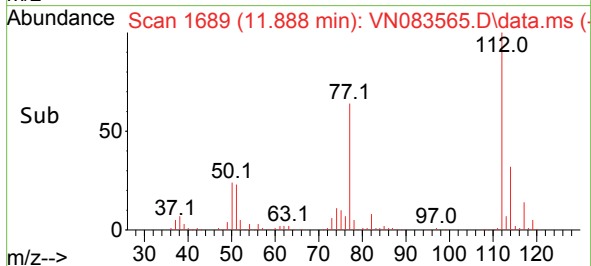
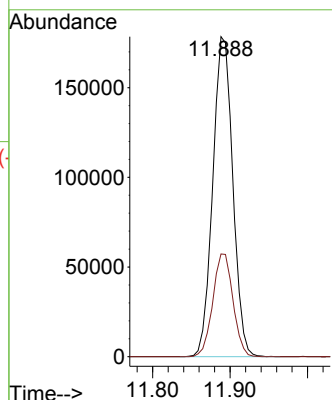
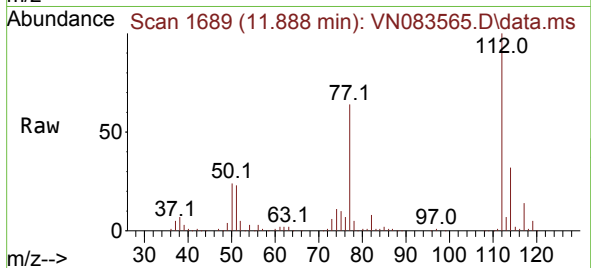
ClientSampleId :

Tgt Ion:112 Resp: 319806

Ion Ratio Lower Upper

112 100

114 32.1 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 51.240 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN083565.D

Acq: 30 Aug 2024 09:18

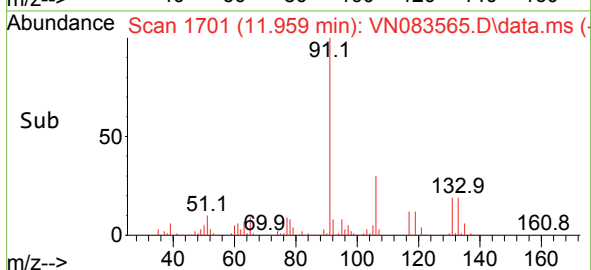
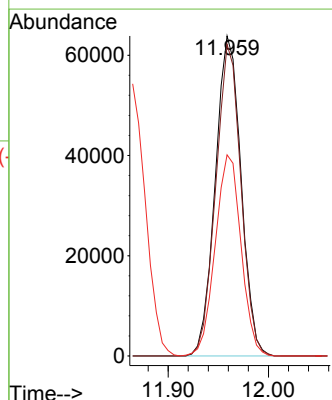
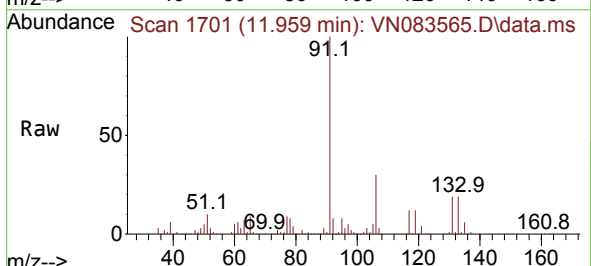
Tgt Ion:131 Resp: 113592

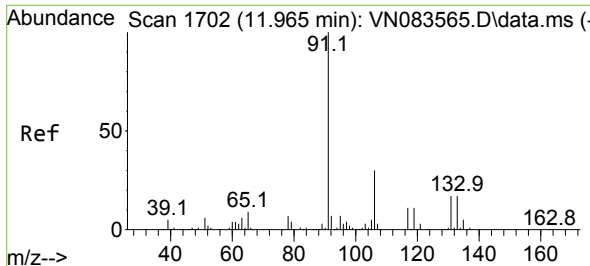
Ion Ratio Lower Upper

131 100

133 95.1 47.5 142.6

119 63.2 31.6 94.8

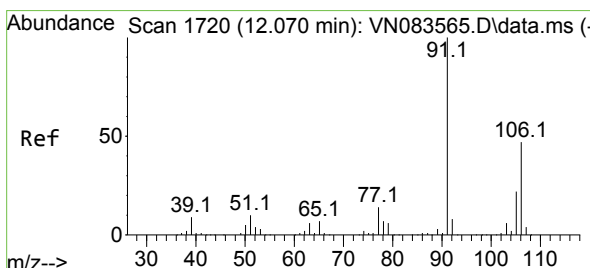
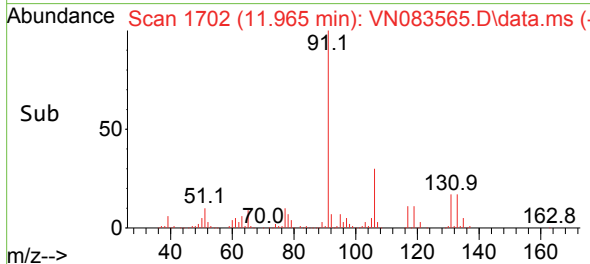
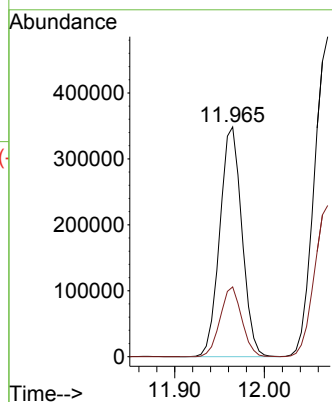
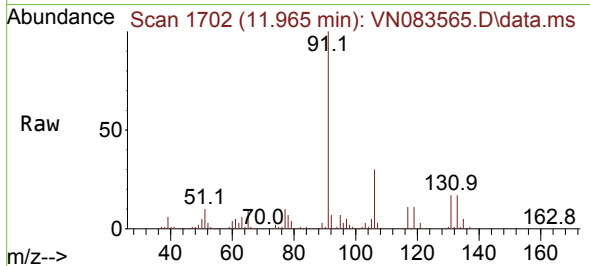




#67  
Ethyl Benzene  
Concen: 50.813 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. 0.000 min  
Lab File: VN083565.D  
Acq: 30 Aug 2024 09:18

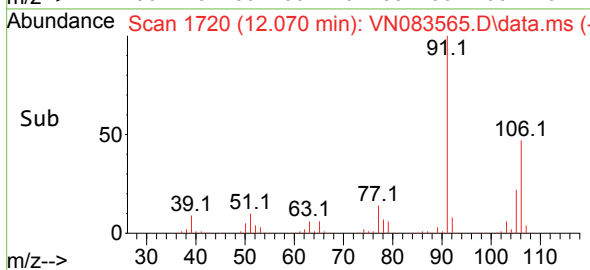
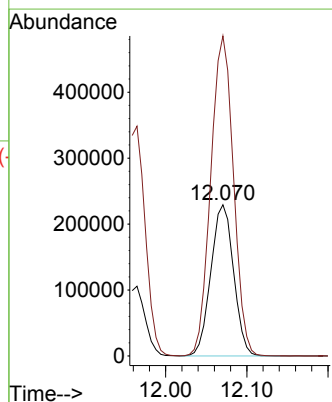
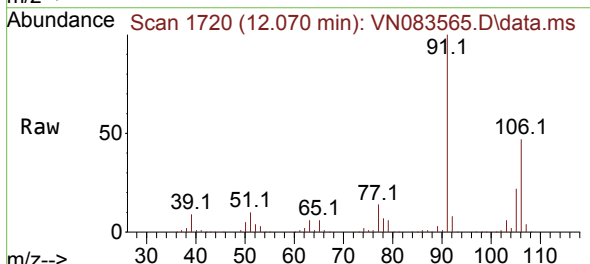
Instrument :  
MSVOA\_N  
ClientSampleId :

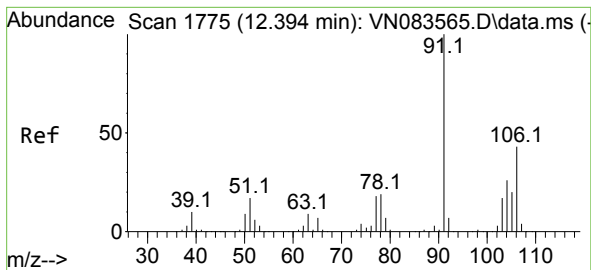
Tgt Ion: 91 Resp: 595548  
Ion Ratio Lower Upper  
91 100  
106 30.4 24.3 36.5



#68  
m/p-Xylenes  
Concen: 101.028 ug/l  
RT: 12.070 min Scan# 1720  
Delta R.T. 0.000 min  
Lab File: VN083565.D  
Acq: 30 Aug 2024 09:18

Tgt Ion:106 Resp: 446066  
Ion Ratio Lower Upper  
106 100  
91 211.5 169.2 253.8





#69

o-Xylene

Concen: 50.761 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN083565.D

Acq: 30 Aug 2024 09:18

Instrument :

MSVOA\_N

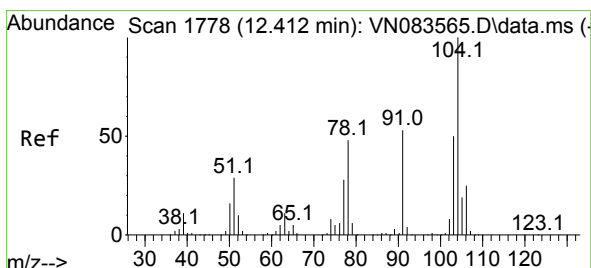
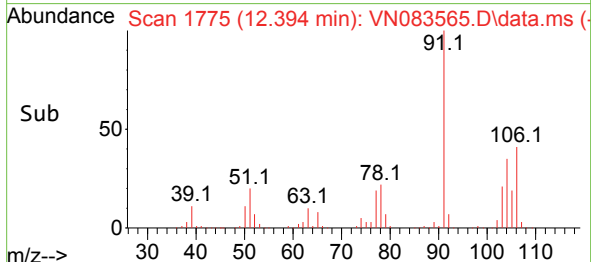
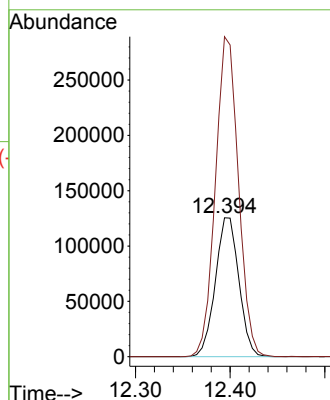
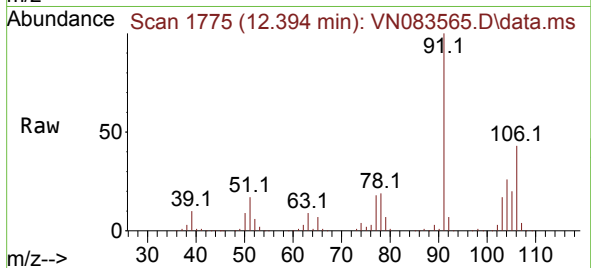
ClientSampleId :

Tgt Ion:106 Resp: 216620

Ion Ratio Lower Upper

106 100

91 225.7 112.9 338.6



#70

Styrene

Concen: 51.338 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN083565.D

Acq: 30 Aug 2024 09:18

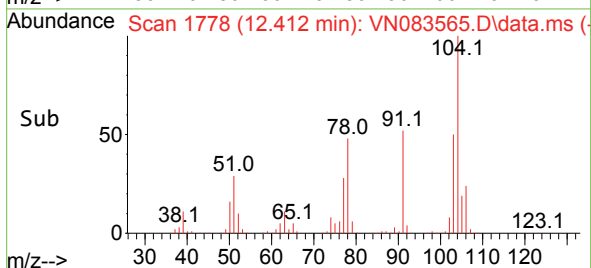
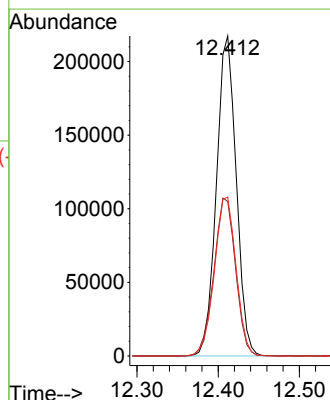
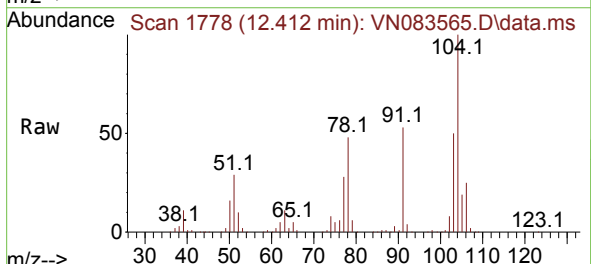
Tgt Ion:104 Resp: 368366

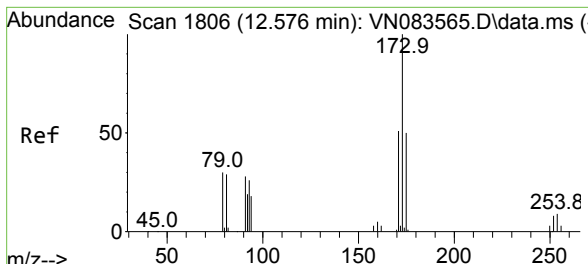
Ion Ratio Lower Upper

104 100

78 54.1 43.3 64.9

103 54.3 43.4 65.2

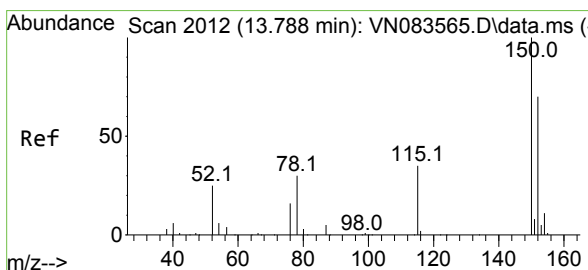
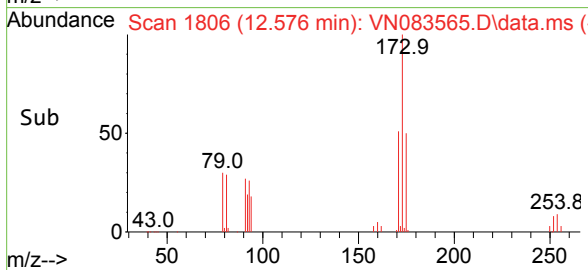
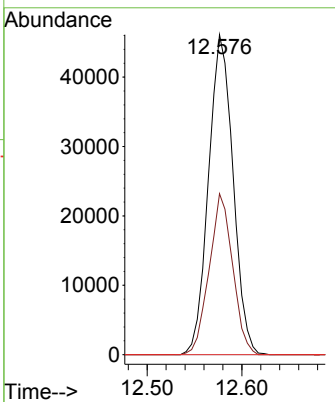
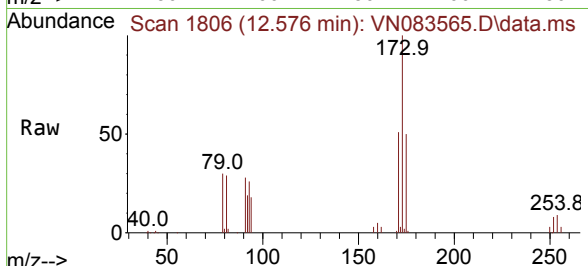




#71  
 Bromoform  
 Concen: 52.582 ug/l  
 RT: 12.576 min Scan# 1806  
 Delta R.T. 0.000 min  
 Lab File: VN083565.D  
 Acq: 30 Aug 2024 09:18

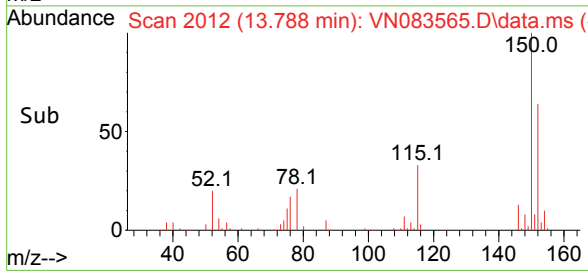
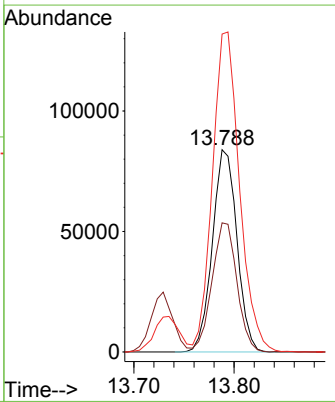
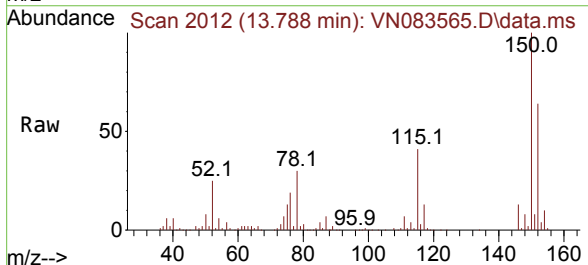
Instrument :  
 MSVOA\_N  
 ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 83028 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 48.1  | 24.1  | 72.2  |
| 254       | 0.0   | 0.0   | 0.0   |

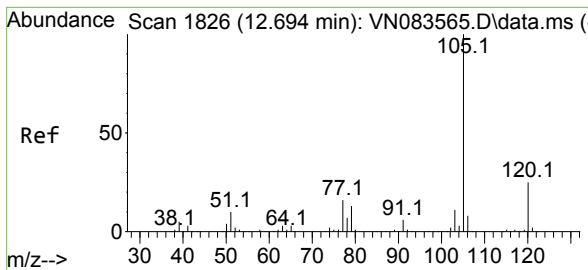


#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.788 min Scan# 2012  
 Delta R.T. 0.000 min  
 Lab File: VN083565.D  
 Acq: 30 Aug 2024 09:18

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 142716 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 64.4  | 32.2  | 96.6   |
| 150       | 174.3 | 0.0   | 348.6  |







#73

Isopropylbenzene

Concen: 49.883 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN083565.D

Acq: 30 Aug 2024 09:18

Instrument :

MSVOA\_N

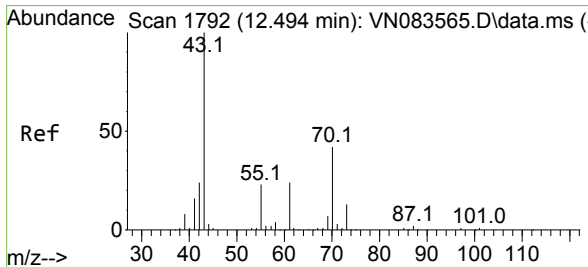
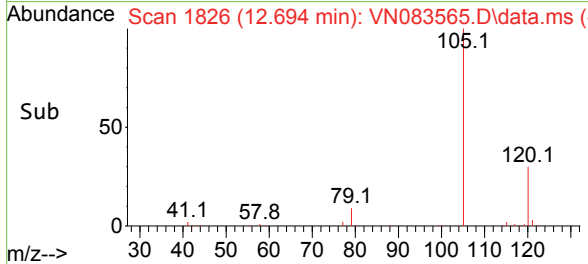
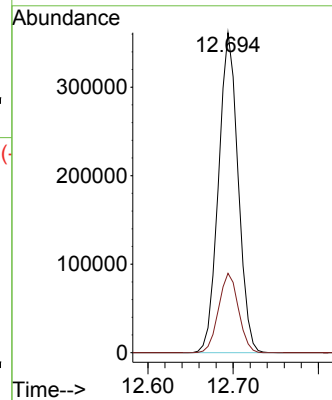
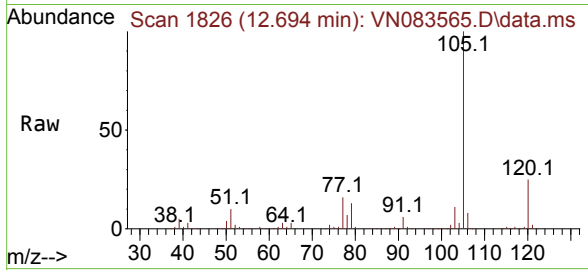
ClientSampleId :

Tgt Ion:105 Resp: 576204

Ion Ratio Lower Upper

105 100

120 25.2 12.6 37.8



#74

N-ethyl acetate

Concen: 47.912 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN083565.D

Acq: 30 Aug 2024 09:18

Tgt Ion: 43 Resp: 240216

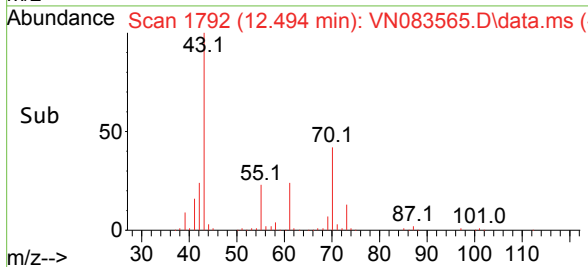
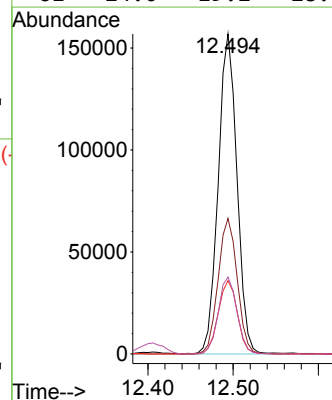
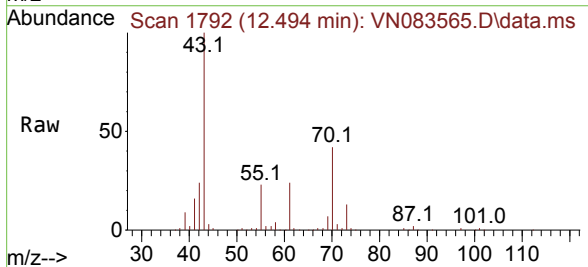
Ion Ratio Lower Upper

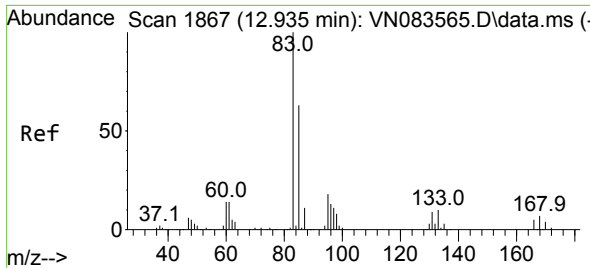
43 100

70 43.1 34.5 51.7

55 23.3 18.6 28.0

61 24.0 19.2 28.8

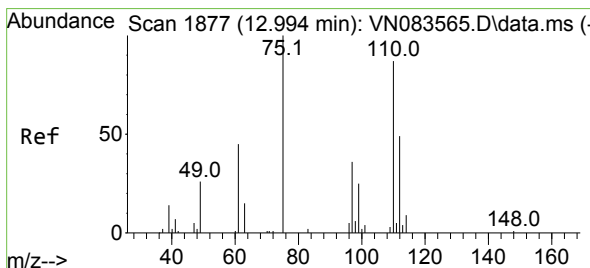
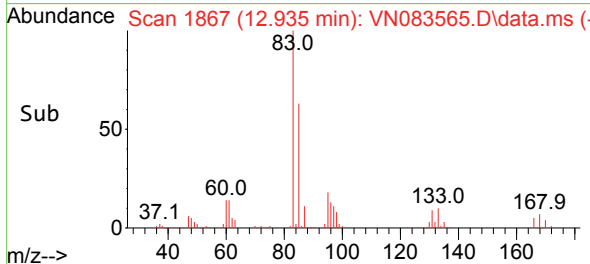
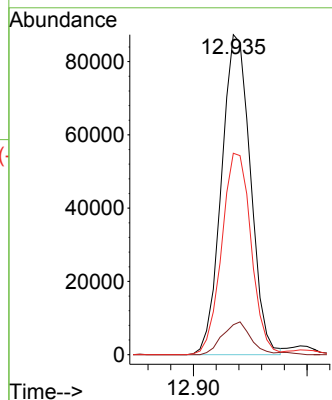
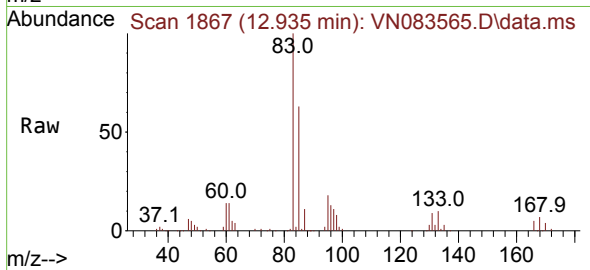




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 47.203 ug/l  
 RT: 12.935 min Scan# 1867  
 Delta R.T. 0.000 min  
 Lab File: VN083565.D  
 Acq: 30 Aug 2024 09:18

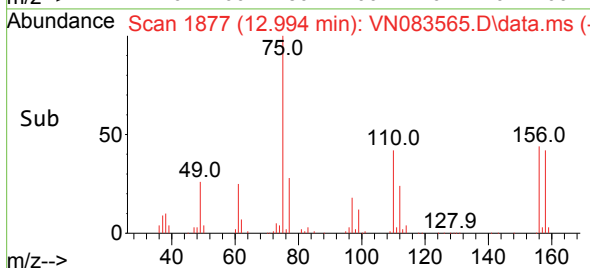
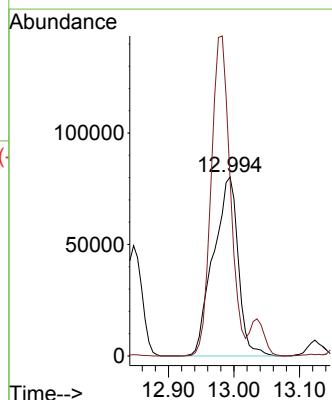
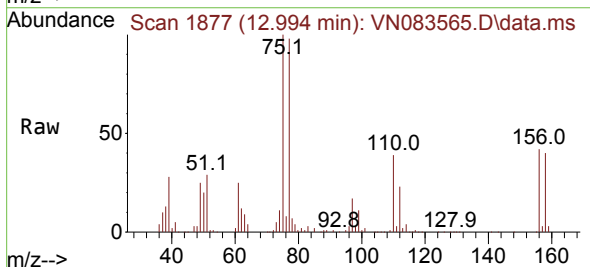
Instrument :  
 MSVOA\_N  
 ClientSampleId :

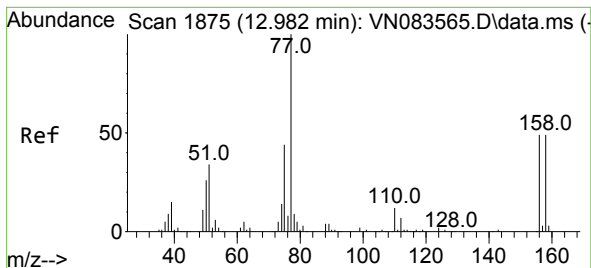
Tgt Ion: 83 Resp: 154792  
 Ion Ratio Lower Upper  
 83 100  
 131 10.4 5.2 15.6  
 85 63.9 31.9 95.9



#76  
 1,2,3-Trichloropropane  
 Concen: 69.850 ug/l  
 RT: 12.994 min Scan# 1877  
 Delta R.T. 0.000 min  
 Lab File: VN083565.D  
 Acq: 30 Aug 2024 09:18

Tgt Ion: 75 Resp: 210992  
 Ion Ratio Lower Upper  
 75 100  
 77 137.6 95.2 285.6





#77

Bromobenzene

Concen: 46.850 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN083565.D

Acq: 30 Aug 2024 09:18

Instrument :

MSVOA\_N

ClientSampleId :

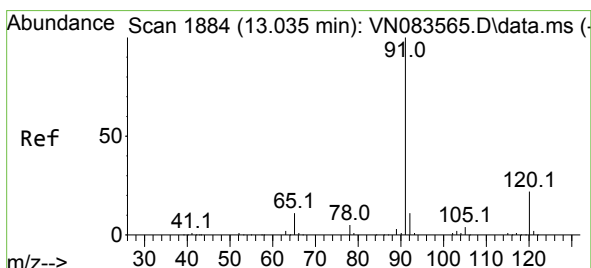
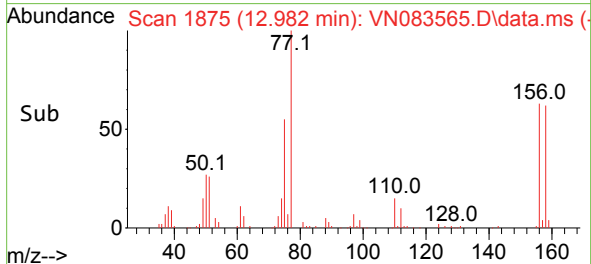
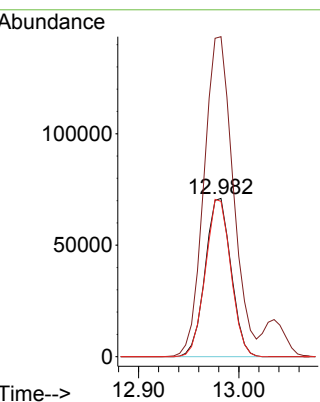
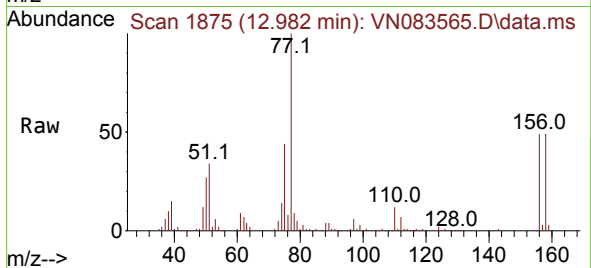
Tgt Ion:156 Resp: 126964

Ion Ratio Lower Upper

156 100

77 228.7 114.3 343.1

158 97.8 48.9 146.7



#78

n-propylbenzene

Concen: 49.745 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN083565.D

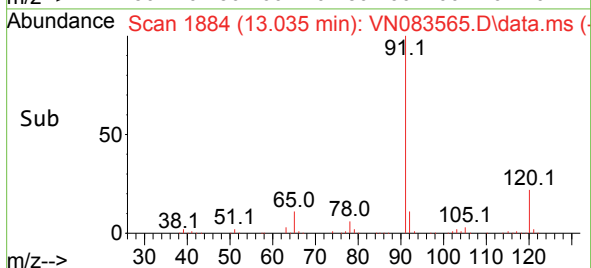
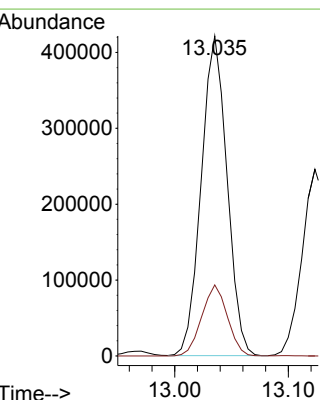
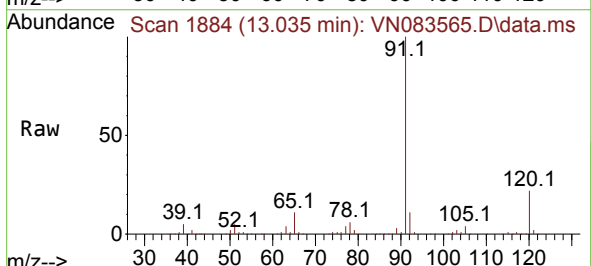
Acq: 30 Aug 2024 09:18

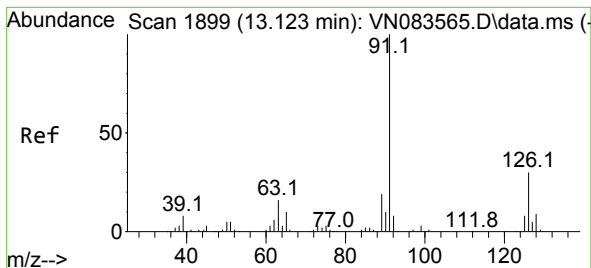
Tgt Ion: 91 Resp: 664358

Ion Ratio Lower Upper

91 100

120 22.0 11.0 33.0





#79

2-Chlorotoluene

Concen: 47.327 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN083565.D

Acq: 30 Aug 2024 09:18

Instrument :

MSVOA\_N

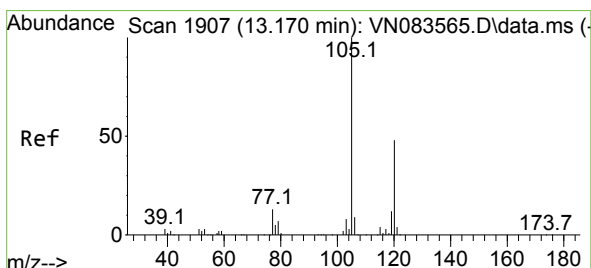
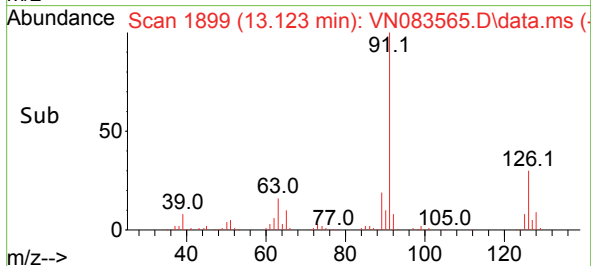
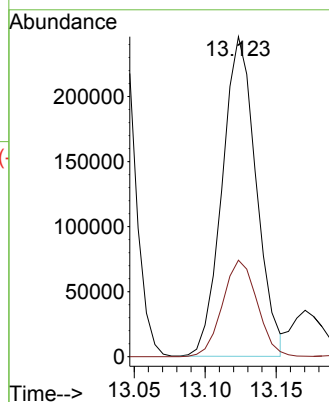
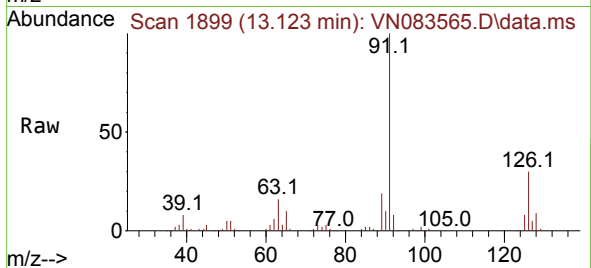
ClientSampleId :

Tgt Ion: 91 Resp: 409572

Ion Ratio Lower Upper

91 100

126 30.8 15.4 46.2



#80

1,3,5-Trimethylbenzene

Concen: 49.885 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN083565.D

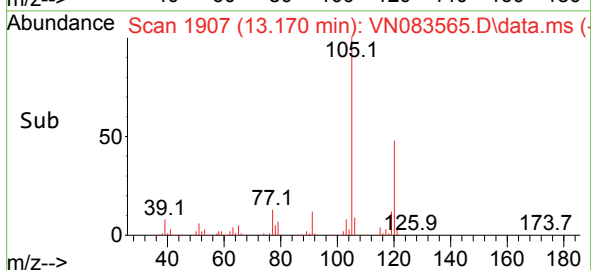
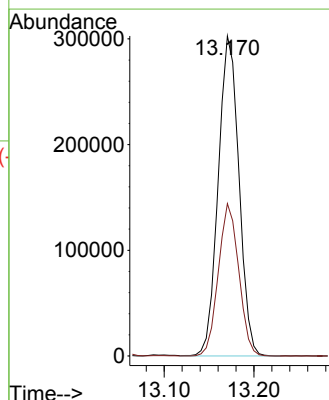
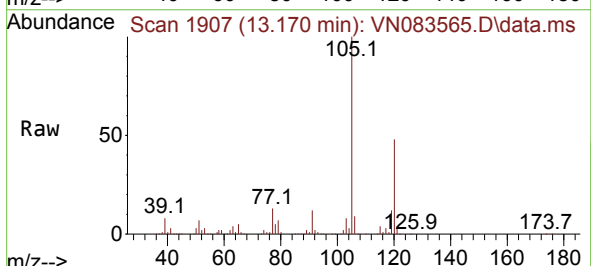
Acq: 30 Aug 2024 09:18

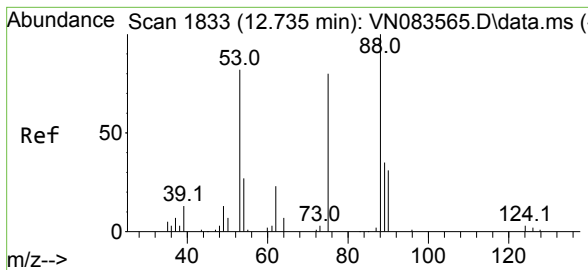
Tgt Ion: 105 Resp: 485429

Ion Ratio Lower Upper

105 100

120 46.9 23.4 70.3

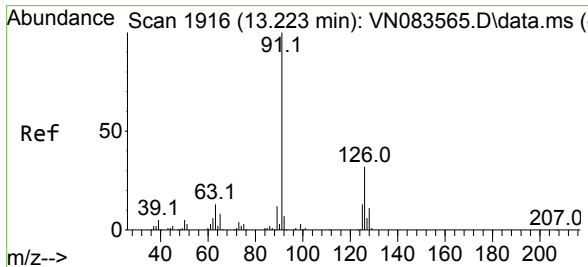
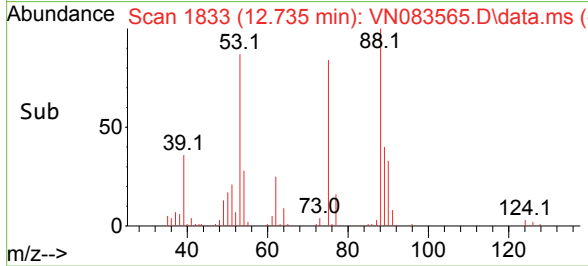
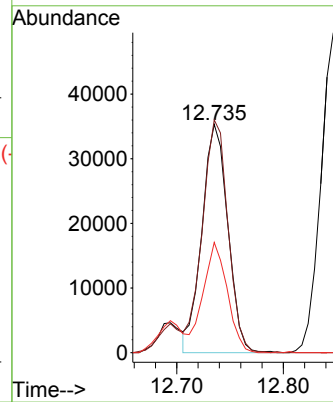
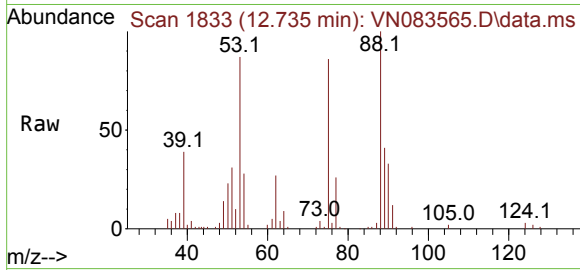




#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 48.828 ug/l  
 RT: 12.735 min Scan# 1833  
 Delta R.T. 0.000 min  
 Lab File: VN083565.D  
 Acq: 30 Aug 2024 09:18

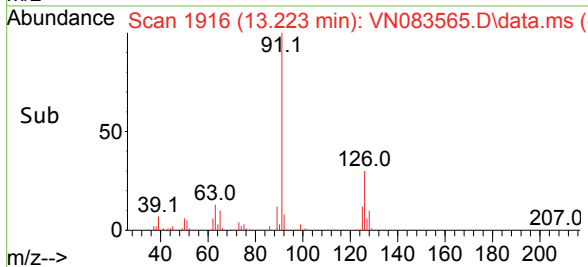
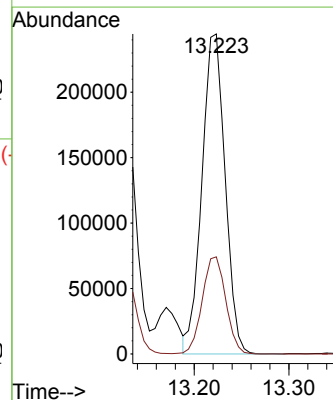
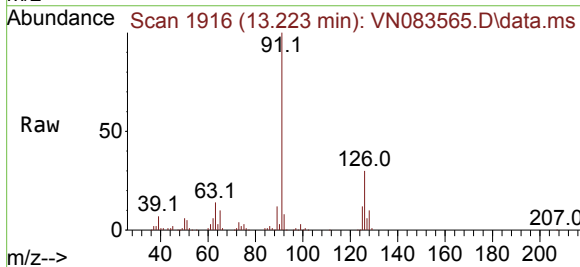
Instrument :  
 MSVOA\_N  
 ClientSampleId :

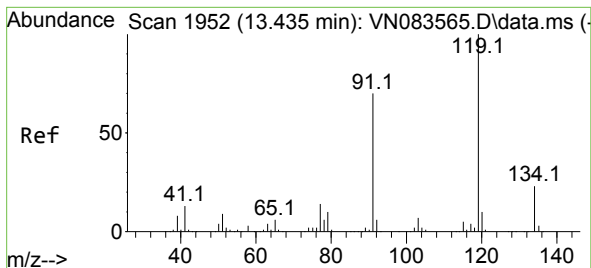
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 59652 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 101.5 | 81.2  | 121.8 |
| 89       | 44.6  | 35.7  | 53.5  |



#82  
 4-Chlorotoluene  
 Concen: 47.270 ug/l  
 RT: 13.223 min Scan# 1916  
 Delta R.T. 0.000 min  
 Lab File: VN083565.D  
 Acq: 30 Aug 2024 09:18

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 415580 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 30.8  | 15.4  | 46.2   |





#83

tert-Butylbenzene

Concen: 50.023 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VN083565.D

Acq: 30 Aug 2024 09:18

Instrument :

MSVOA\_N

ClientSampleId :

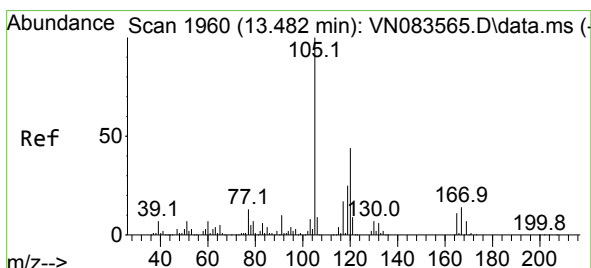
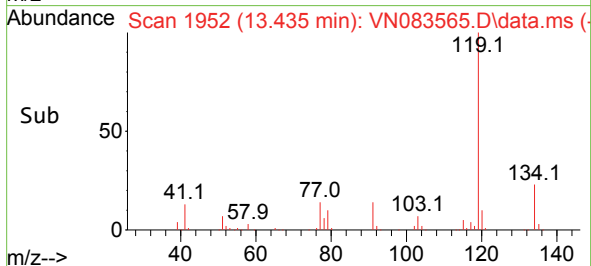
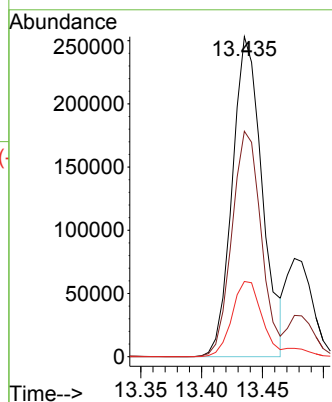
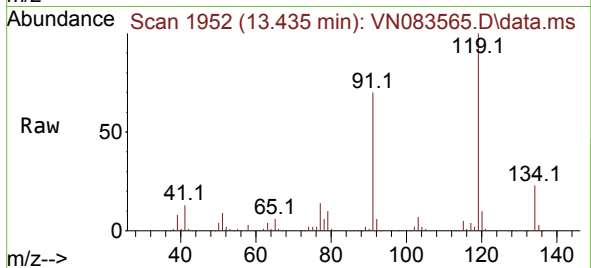
Tgt Ion:119 Resp: 432770

Ion Ratio Lower Upper

119 100

91 69.1 34.5 103.6

134 25.6 12.8 38.4



#84

1,2,4-Trimethylbenzene

Concen: 50.014 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN083565.D

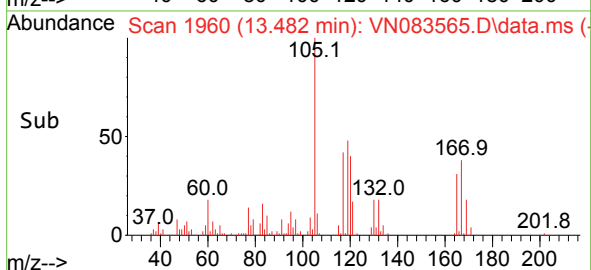
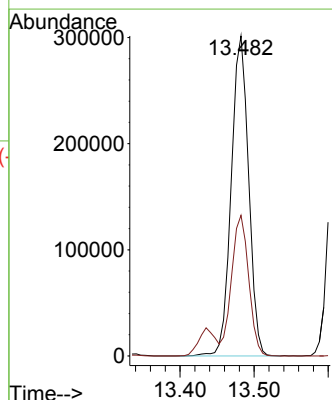
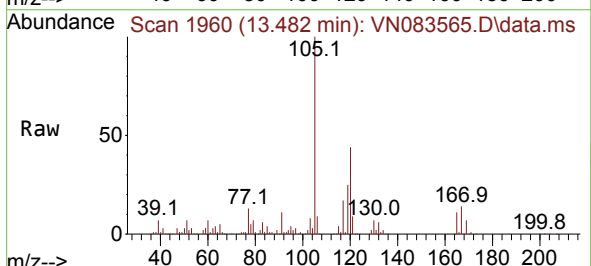
Acq: 30 Aug 2024 09:18

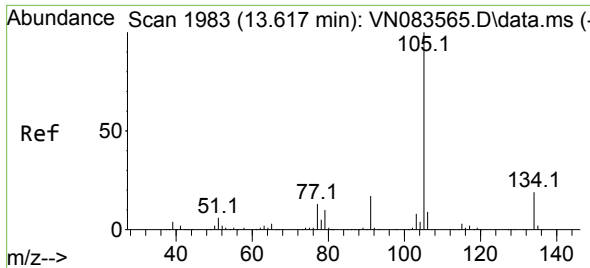
Tgt Ion:105 Resp: 489876

Ion Ratio Lower Upper

105 100

120 43.6 21.8 65.4

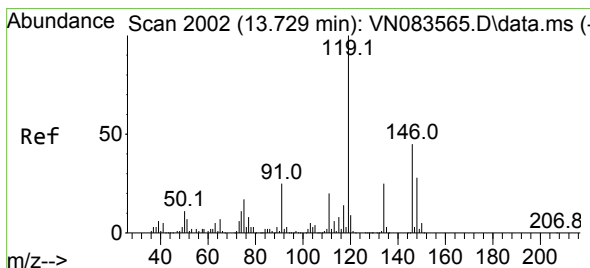
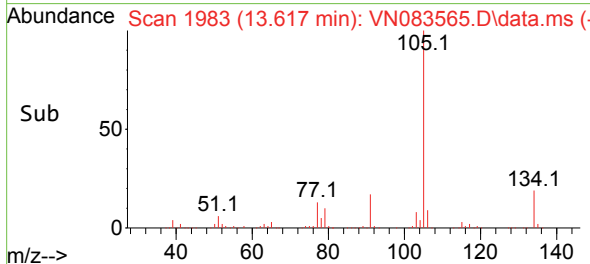
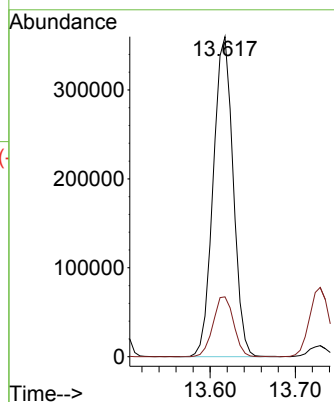
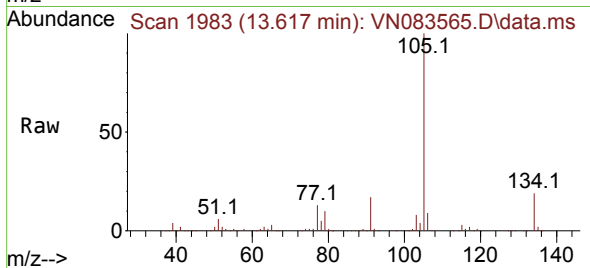




#85  
 sec-Butylbenzene  
 Concen: 50.761 ug/l  
 RT: 13.617 min Scan# 1983  
 Delta R.T. 0.000 min  
 Lab File: VN083565.D  
 Acq: 30 Aug 2024 09:18

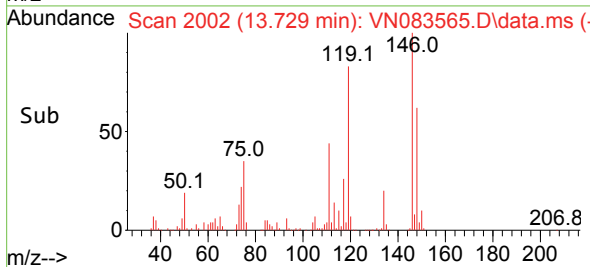
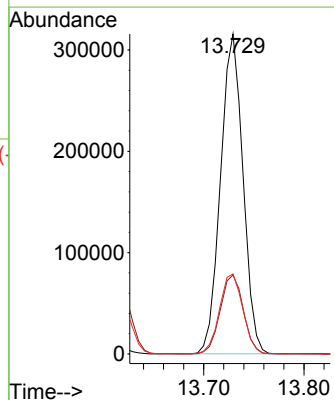
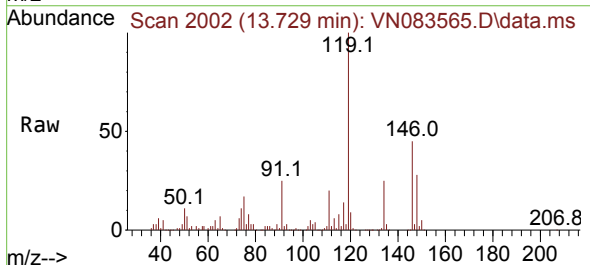
Instrument :  
 MSVOA\_N  
 ClientSampleId :

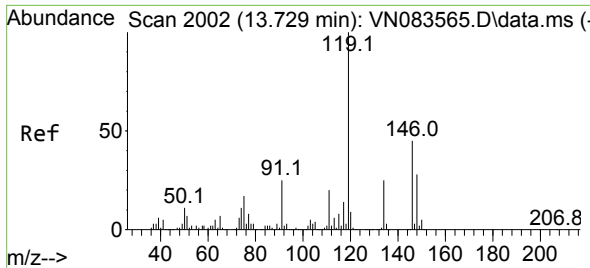
Tgt Ion:105 Resp: 583695  
 Ion Ratio Lower Upper  
 105 100  
 134 19.4 9.7 29.1



#86  
 p-Isopropyltoluene  
 Concen: 50.948 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. 0.000 min  
 Lab File: VN083565.D  
 Acq: 30 Aug 2024 09:18

Tgt Ion:119 Resp: 489323  
 Ion Ratio Lower Upper  
 119 100  
 134 25.5 12.8 38.3  
 91 25.8 12.9 38.7

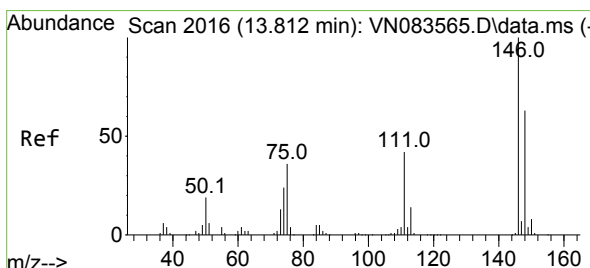
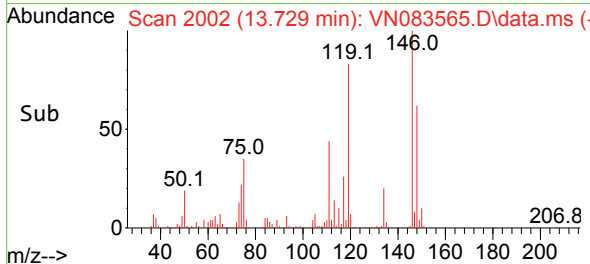
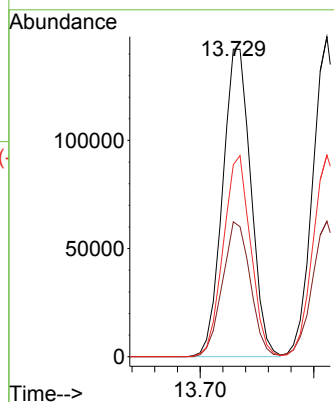
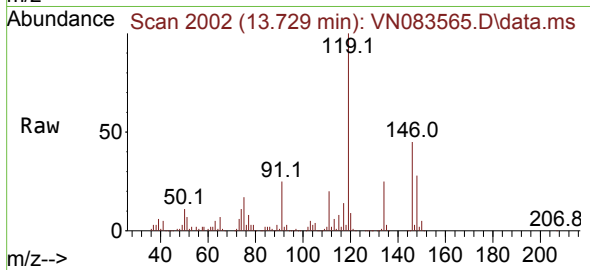




#87  
 1,3-Dichlorobenzene  
 Concen: 46.683 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. 0.000 min  
 Lab File: VN083565.D  
 Acq: 30 Aug 2024 09:18

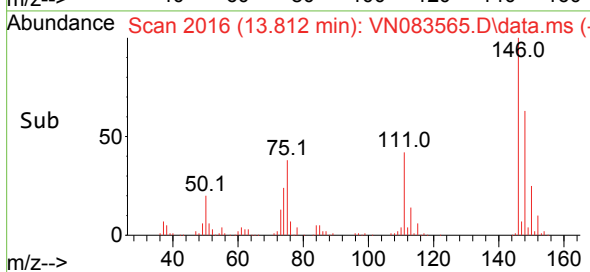
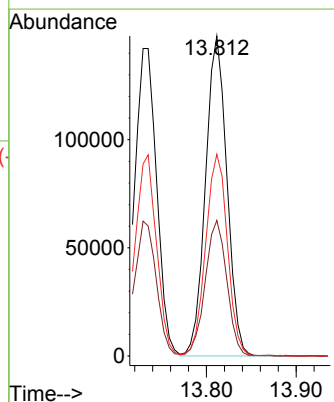
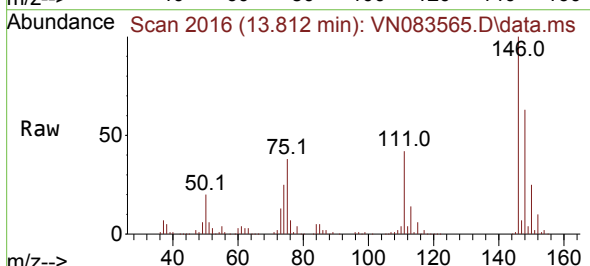
Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tgt Ion:146 Resp: 245584  
 Ion Ratio Lower Upper  
 146 100  
 111 43.4 21.7 65.1  
 148 63.4 31.7 95.1

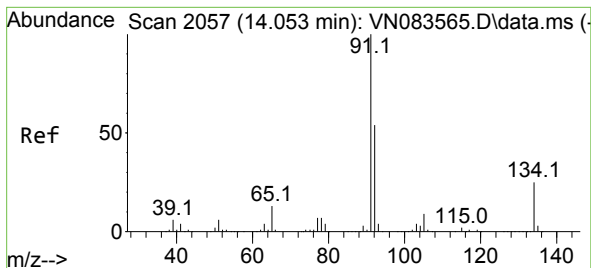


#88  
 1,4-Dichlorobenzene  
 Concen: 45.305 ug/l  
 RT: 13.812 min Scan# 2016  
 Delta R.T. 0.000 min  
 Lab File: VN083565.D  
 Acq: 30 Aug 2024 09:18

Tgt Ion:146 Resp: 244883  
 Ion Ratio Lower Upper  
 146 100  
 111 42.7 21.3 64.0  
 148 64.1 32.0 96.2







#89

n-Butylbenzene

Concen: 50.668 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN083565.D

Acq: 30 Aug 2024 09:18

Instrument :

MSVOA\_N

ClientSampleId :

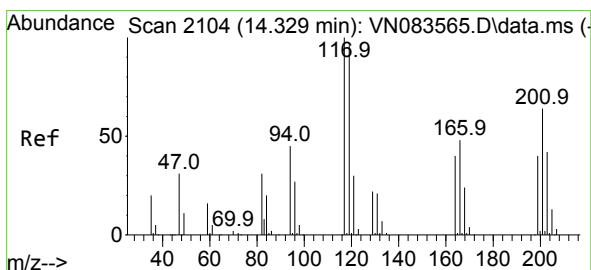
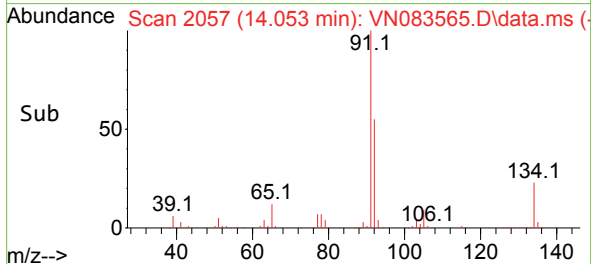
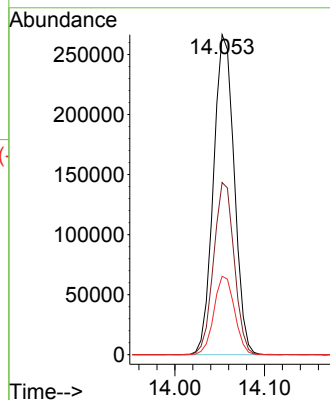
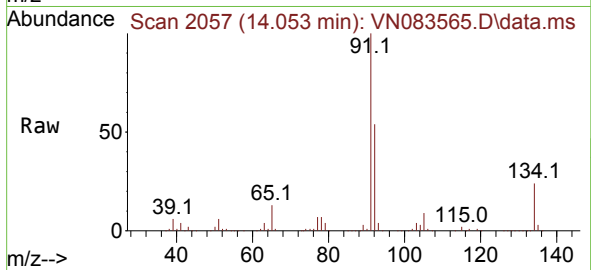
Tgt Ion: 91 Resp: 428052

Ion Ratio Lower Upper

91 100

92 53.4 26.7 80.1

134 24.3 12.2 36.4



#90

Hexachloroethane

Concen: 49.935 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. 0.000 min

Lab File: VN083565.D

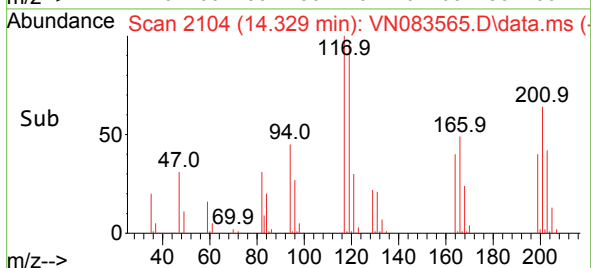
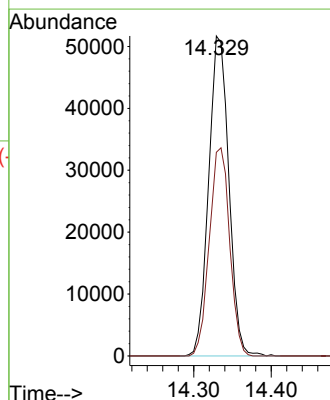
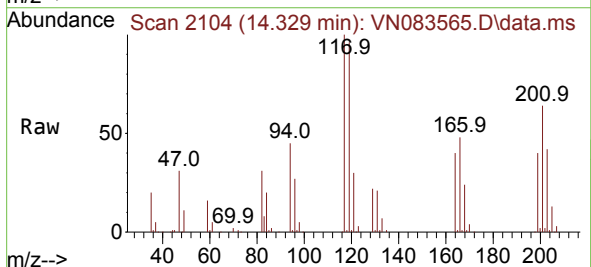
Acq: 30 Aug 2024 09:18

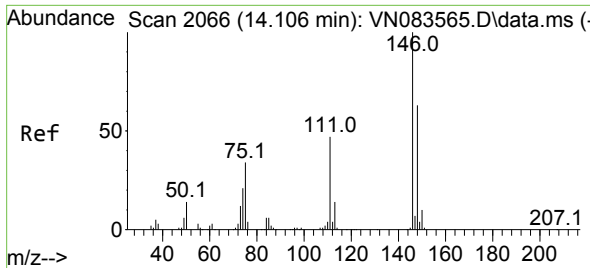
Tgt Ion: 117 Resp: 93353

Ion Ratio Lower Upper

117 100

201 65.5 32.8 98.3

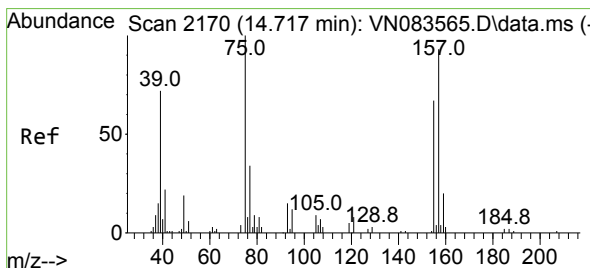
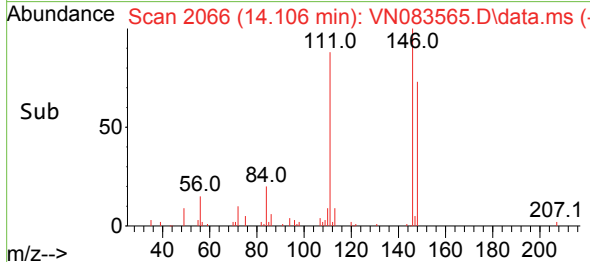
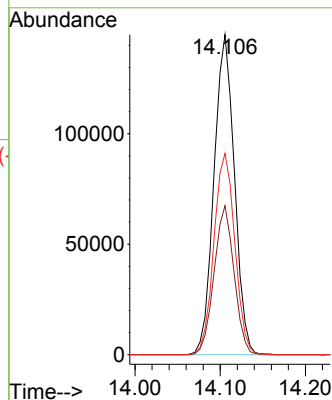
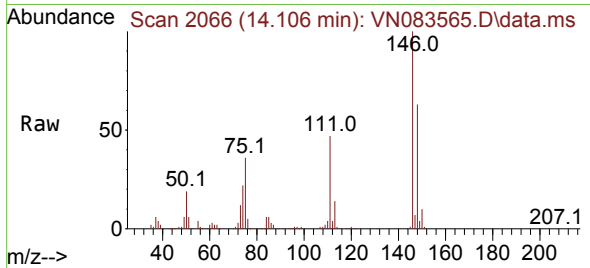




#91  
1,2-Dichlorobenzene  
Concen: 47.660 ug/l  
RT: 14.106 min Scan# 2066  
Delta R.T. 0.000 min  
Lab File: VN083565.D  
Acq: 30 Aug 2024 09:18

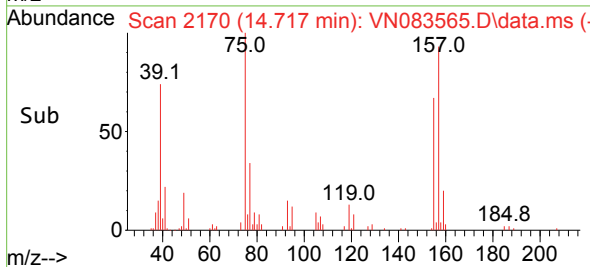
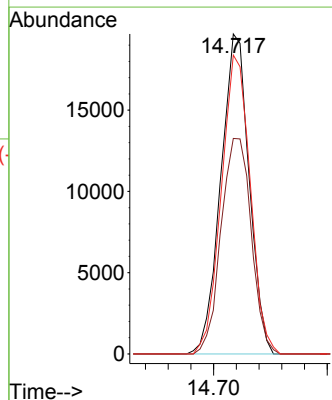
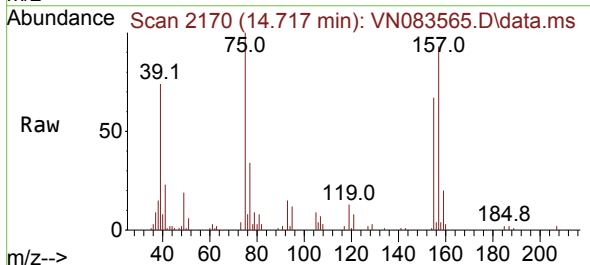
Instrument :  
MSVOA\_N  
ClientSampleId :

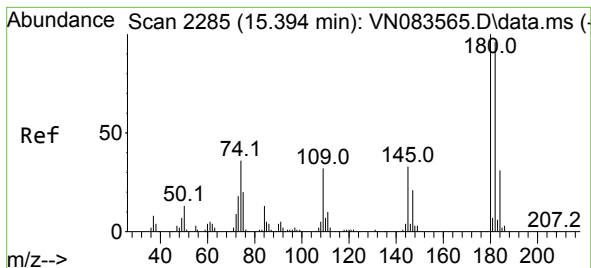
| Tgt Ion:  | 146   | Resp: | 241450 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 45.5  | 22.8  | 68.3   |
| 148       | 64.3  | 32.1  | 96.5   |



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 47.943 ug/l  
RT: 14.717 min Scan# 2170  
Delta R.T. 0.000 min  
Lab File: VN083565.D  
Acq: 30 Aug 2024 09:18

| Tgt Ion:  | 75    | Resp: | 34097 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 71.8  | 35.9  | 107.7 |
| 157       | 95.0  | 47.5  | 142.5 |





#93

1,2,4-Trichlorobenzene

Concen: 46.671 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

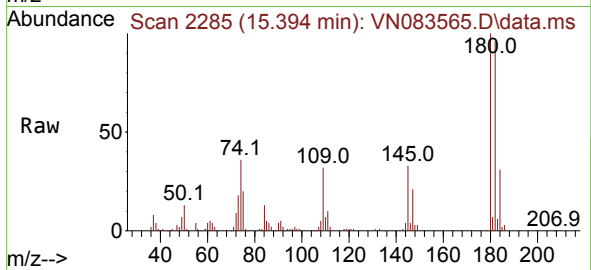
Lab File: VN083565.D

Acq: 30 Aug 2024 09:18

Instrument :

MSVOA\_N

ClientSampleId :



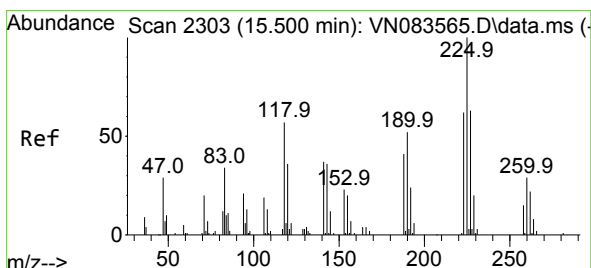
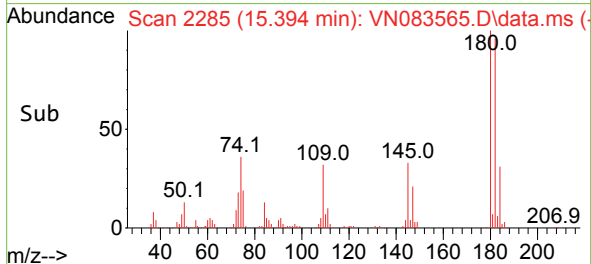
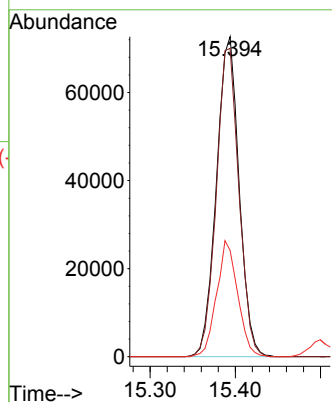
Tgt Ion:180 Resp: 134077

Ion Ratio Lower Upper

180 100

182 96.2 48.1 144.3

145 33.8 16.9 50.7



#94

Hexachlorobutadiene

Concen: 48.281 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN083565.D

Acq: 30 Aug 2024 09:18

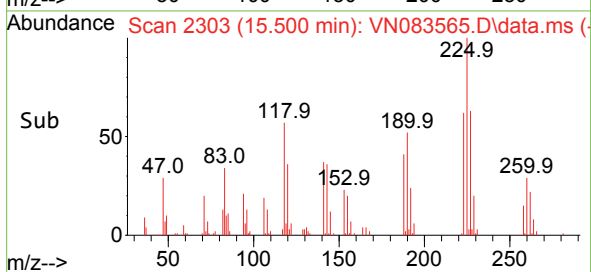
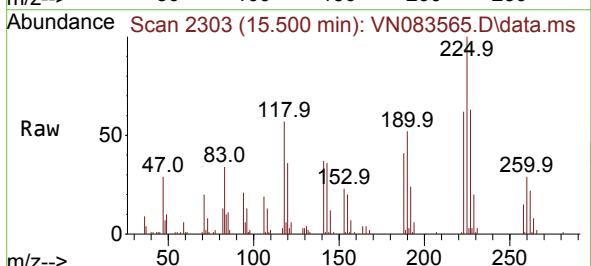
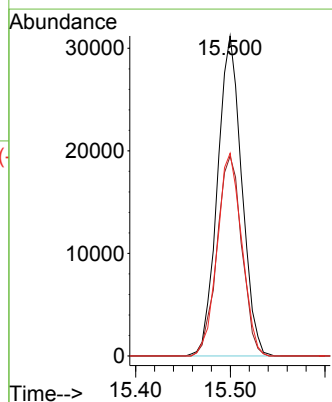
Tgt Ion:225 Resp: 55546

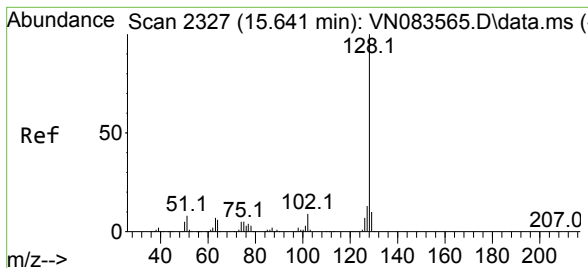
Ion Ratio Lower Upper

225 100

223 63.7 31.9 95.5

227 64.1 32.0 96.2

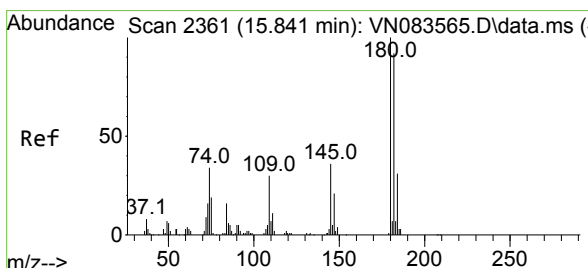
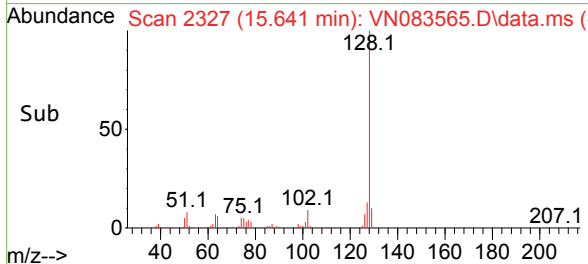
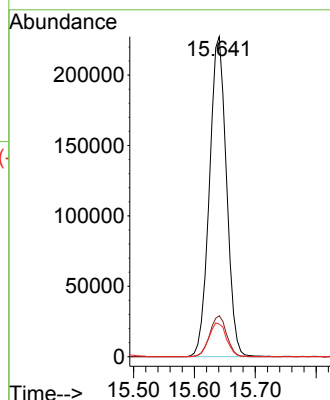
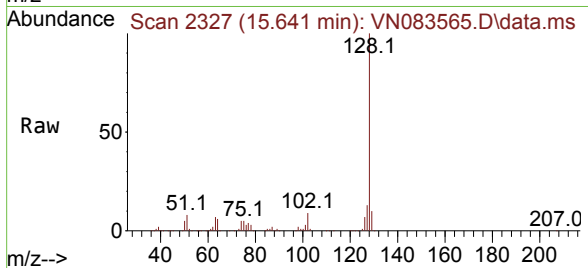




#95  
Naphthalene  
Concen: 47.819 ug/l  
RT: 15.641 min Scan# 2327  
Delta R.T. 0.000 min  
Lab File: VN083565.D  
Acq: 30 Aug 2024 09:18

Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:128 Resp: 441376  
Ion Ratio Lower Upper  
128 100  
127 12.7 10.2 15.2  
129 10.9 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 45.942 ug/l  
RT: 15.841 min Scan# 2361  
Delta R.T. 0.000 min  
Lab File: VN083565.D  
Acq: 30 Aug 2024 09:18

Tgt Ion:180 Resp: 131844  
Ion Ratio Lower Upper  
180 100  
182 94.3 47.1 141.4  
145 35.7 17.8 53.5

