

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN120424\  
 Data File : VN085084.D  
 Acq On : 04 Dec 2024 09:51  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Dec 04 22:00:50 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N112224W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Nov 23 02:54:10 2024  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|----------|--------|----------|
| -----                        |                |      |            |          |        |          |
| Internal Standards           |                |      |            |          |        |          |
| 1) Pentafluorobenzene        | 8.224          | 168  | 178528     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.094          | 114  | 279794     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.865         | 117  | 245149     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.788         | 152  | 120683     | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.571          | 65   | 126983     | 49.934   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 74 - 125 |      | Recovery = | 99.860%  |        |          |
| 35) Dibromofluoromethane     | 8.165          | 113  | 104367     | 55.313   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = | 110.620% |        |          |
| 50) Toluene-d8               | 10.565         | 98   | 363771     | 53.797   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 86 - 113 |      | Recovery = | 107.600% |        |          |
| 62) 4-Bromofluorobenzene     | 12.847         | 95   | 137465     | 54.361   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 77 - 121 |      | Recovery = | 108.720% |        |          |
| Target Compounds             |                |      |            |          |        |          |
|                              |                |      |            |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.124          | 85   | 89076      | 44.125   | ug/l   | 97       |
| 3) Chloromethane             | 2.359          | 50   | 97825      | 41.781   | ug/l   | 96       |
| 4) Vinyl Chloride            | 2.512          | 62   | 100732     | 47.874   | ug/l   | 99       |
| 5) Bromomethane              | 2.954          | 94   | 67647      | 57.360   | ug/l   | 93       |
| 6) Chloroethane              | 3.124          | 64   | 64638      | 45.576   | ug/l   | 98       |
| 7) Trichlorofluoromethane    | 3.501          | 101  | 174828     | 48.844   | ug/l   | 95       |
| 8) Diethyl Ether             | 3.959          | 74   | 58907      | 48.354   | ug/l   | 99       |
| 9) 1,1,2-Trichlorotrifluo... | 4.377          | 101  | 103159     | 50.816   | ug/l   | 99       |
| 10) Methyl Iodide            | 4.583          | 142  | 138221     | 51.437   | ug/l   | 93       |
| 11) Tert butyl alcohol       | 5.506          | 59   | 64896      | 190.969  | ug/l   | 97       |
| 12) 1,1-Dichloroethene       | 4.342          | 96   | 94728      | 49.991   | ug/l   | 98       |
| 13) Acrolein                 | 4.177          | 56   | 59453      | 262.190  | ug/l   | 93       |
| 14) Allyl chloride           | 5.024          | 41   | 134411     | 42.077   | ug/l   | 95       |
| 15) Acrylonitrile            | 5.706          | 53   | 223460     | 232.263  | ug/l   | 99       |
| 16) Acetone                  | 4.418          | 43   | 258487     | 349.014  | ug/l   | 99       |
| 17) Carbon Disulfide         | 4.706          | 76   | 263601     | 47.130   | ug/l   | 96       |
| 18) Methyl Acetate           | 5.018          | 43   | 107907     | 45.481   | ug/l   | 99       |
| 19) Methyl tert-butyl Ether  | 5.789          | 73   | 310729     | 50.189   | ug/l   | 98       |
| 20) Methylene Chloride       | 5.271          | 84   | 106050     | 46.925   | ug/l   | 99       |
| 21) trans-1,2-Dichloroethene | 5.783          | 96   | 97476      | 48.883   | ug/l   | 88       |
| 22) Diisopropyl ether        | 6.659          | 45   | 315943     | 49.142   | ug/l   | 98       |
| 23) Vinyl Acetate            | 6.594          | 43   | 1119761    | 252.461  | ug/l   | 99       |
| 24) 1,1-Dichloroethane       | 6.559          | 63   | 189539     | 49.264   | ug/l   | 99       |
| 25) 2-Butanone               | 7.477          | 43   | 305406     | 252.224  | ug/l   | 99       |
| 26) 2,2-Dichloropropane      | 7.483          | 77   | 179981     | 50.098   | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 7.483          | 96   | 118539     | 49.311   | ug/l   | 99       |
| 28) Bromochloromethane       | 7.812          | 49   | 73222      | 50.417   | ug/l   | 96       |
| 29) Tetrahydrofuran          | 7.836          | 42   | 180617     | 239.866  | ug/l   | 99       |
| 30) Chloroform               | 7.959          | 83   | 198245     | 48.440   | ug/l   | 97       |
| 31) Cyclohexane              | 8.253          | 56   | 163355     | 48.224   | ug/l   | 99       |
| 32) 1,1,1-Trichloroethane    | 8.165          | 97   | 186455     | 50.416   | ug/l   | 98       |
| 36) 1,1-Dichloropropene      | 8.365          | 75   | 138381     | 54.146   | ug/l   | 98       |
| 37) Ethyl Acetate            | 7.559          | 43   | 122367     | 52.667   | ug/l   | 97       |
| 38) Carbon Tetrachloride     | 8.359          | 117  | 165811     | 56.206   | ug/l   | 94       |
| 39) Methylcyclohexane        | 9.600          | 83   | 155396     | 58.513   | ug/l   | 95       |
| 40) Benzene                  | 8.600          | 78   | 431469     | 53.378   | ug/l   | 100      |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Dec 04 22:00:50 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N112224W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Nov 23 02:54:10 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.771  | 41   | 67085    | 52.149   | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 8.665  | 62   | 145727   | 52.698   | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.683  | 43   | 203017   | 42.066   | ug/l   | 97       |
| 44) Trichloroethene           | 9.347  | 130  | 101855   | 54.222   | ug/l   | 92       |
| 45) 1,2-Dichloropropane       | 9.618  | 63   | 105861   | 53.172   | ug/l   | 97       |
| 46) Dibromomethane            | 9.706  | 93   | 73055    | 52.808   | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.883  | 83   | 157695   | 53.783   | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.677  | 41   | 97005    | 54.015   | ug/l   | 98       |
| 49) 1,4-Dioxane               | 9.688  | 88   | 32944    | 1057.785 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone      | 10.441 | 43   | 600232   | 272.294  | ug/l   | 99       |
| 52) Toluene                   | 10.630 | 92   | 268984   | 56.211   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 158019   | 53.756   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 10.306 | 75   | 169242   | 54.270   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 11.012 | 97   | 96875    | 54.351   | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.871 | 69   | 150149   | 57.649   | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 11.159 | 76   | 168422   | 53.689   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.153 | 63   | 367974   | 288.021  | ug/l   | 99       |
| 59) 2-Hexanone                | 11.188 | 43   | 455418   | 276.238  | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.353 | 129  | 116398   | 53.434   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.465 | 107  | 98836    | 53.580   | ug/l   | 99       |
| 64) Tetrachloroethene         | 11.100 | 164  | 89953    | 54.455   | ug/l   | 97       |
| 65) Chlorobenzene             | 11.888 | 112  | 287016   | 51.624   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 106434   | 54.373   | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.959 | 91   | 514328   | 57.021   | ug/l   | 99       |
| 68) m/p-Xylenes               | 12.071 | 106  | 398644   | 116.086  | ug/l   | 99       |
| 69) o-Xylene                  | 12.394 | 106  | 185209   | 56.698   | ug/l   | 99       |
| 70) Styrene                   | 12.406 | 104  | 322581   | 59.382   | ug/l   | 99       |
| 71) Bromoform                 | 12.576 | 173  | 76547    | 52.681   | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.694 | 105  | 483613   | 56.804   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.488 | 43   | 176259   | 50.241   | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 135757   | 46.696   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.988 | 75   | 177202   | 80.725   | ug/l   | 50       |
| 77) Bromobenzene              | 12.976 | 156  | 119099   | 51.983   | ug/l   | 96       |
| 78) n-propylbenzene           | 13.029 | 91   | 578086   | 58.869   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 357502   | 54.537   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 13.171 | 105  | 418290   | 58.550   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 47800    | 48.071   | ug/l   | 92       |
| 82) 4-Chlorotoluene           | 13.218 | 91   | 358728   | 52.568   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.435 | 119  | 341552   | 55.565   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.476 | 105  | 417631   | 56.791   | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.612 | 105  | 487048   | 58.655   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.723 | 119  | 409714   | 59.772   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.729 | 146  | 215329   | 47.649   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.806 | 146  | 210804   | 45.711   | ug/l   | 98       |
| 89) n-Butylbenzene            | 14.053 | 91   | 342277   | 53.694   | ug/l   | 99       |
| 90) Hexachloroethane          | 14.329 | 117  | 75416    | 50.475   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 198575   | 45.857   | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.717 | 75   | 24863    | 44.226   | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 15.388 | 180  | 100085   | 42.543   | ug/l   | 95       |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 51667    | 47.587   | ug/l   | 98       |
| 95) Naphthalene               | 15.635 | 128  | 278427   | 41.554   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.835 | 180  | 98804    | 44.016   | ug/l   | 98       |

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Operator : JC\MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 2 Sample Multiplier: 1

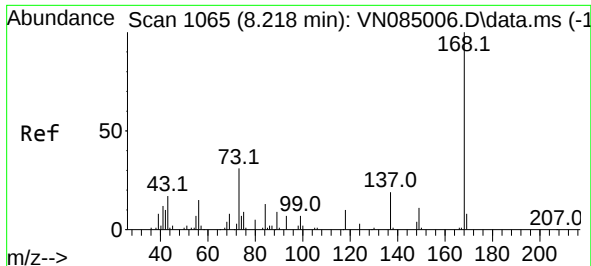
Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Dec 04 22:00:50 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N112224W.M  
Quant Title : SW846 8260  
QLast Update : Sat Nov 23 02:54:10 2024  
Response via : Initial Calibration

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

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

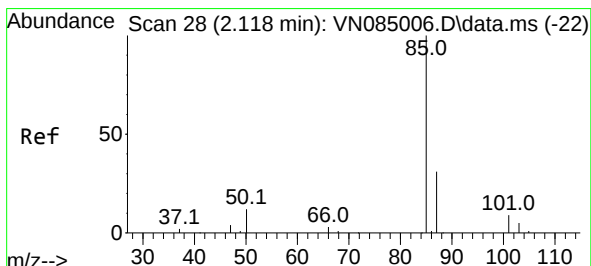
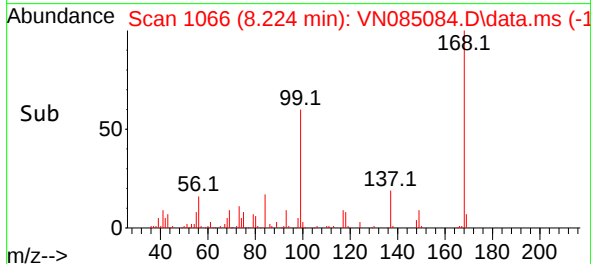
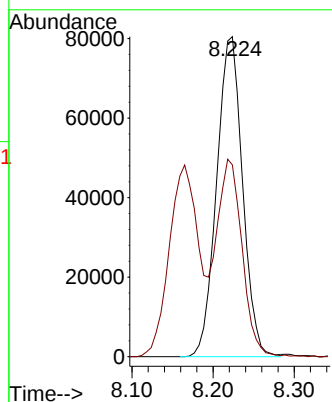
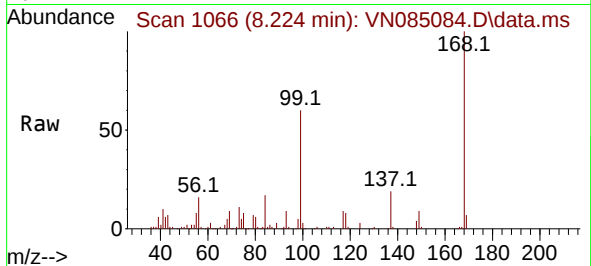




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 10  
Delta R.T. 0.006 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51

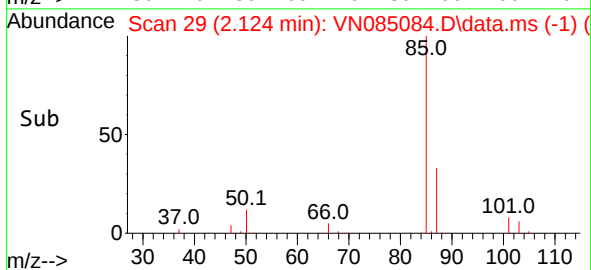
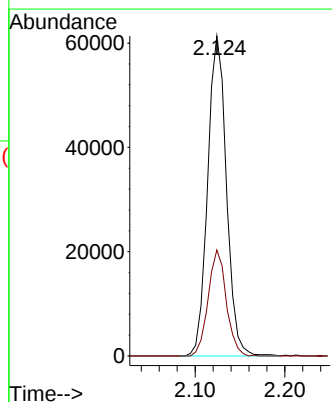
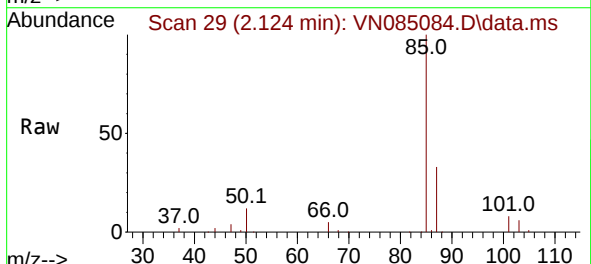
Instrument :  
MSVOA\_N  
ClientSampleId :

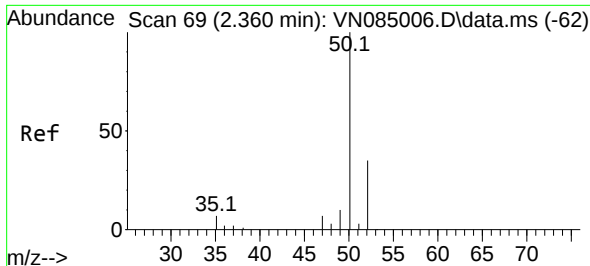
Tgt Ion:168 Resp: 178528  
Ion Ratio Lower Upper  
168 100  
99 59.6 51.2 76.8



#2  
Dichlorodifluoromethane  
Concen: 44.125 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. 0.006 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51

Tgt Ion: 85 Resp: 89076  
Ion Ratio Lower Upper  
85 100  
87 33.1 15.7 47.1

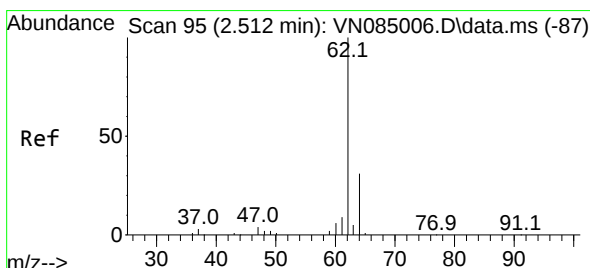
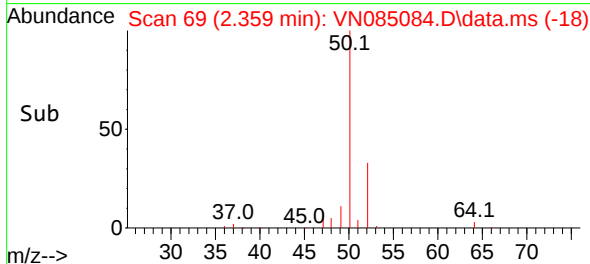
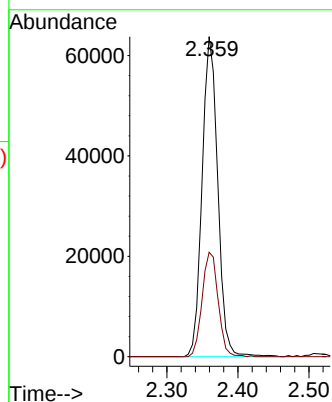
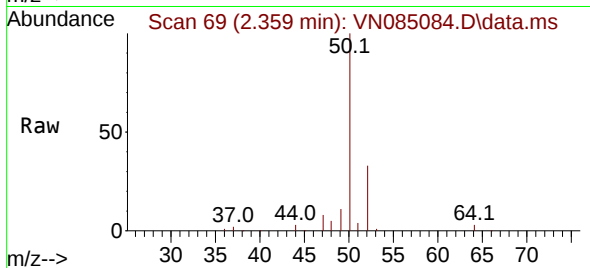




#3  
Chloromethane  
Concen: 41.781 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. -0.000 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51

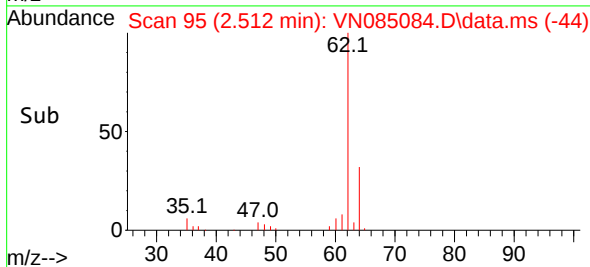
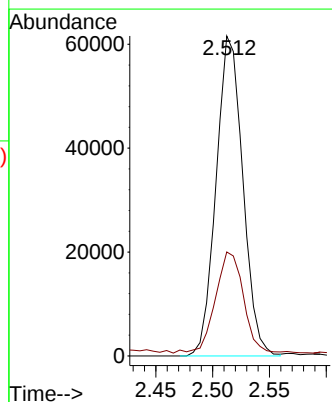
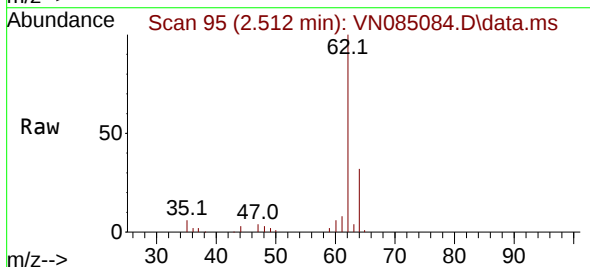
Instrument :  
MSVOA\_N  
ClientSampleId :

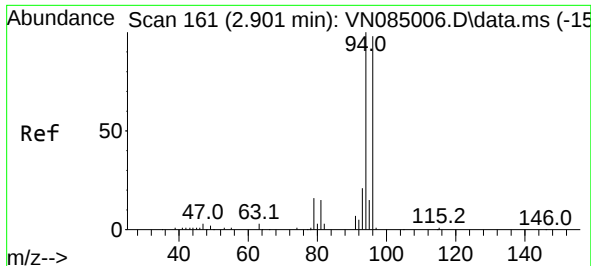
Tgt Ion: 50 Resp: 97825  
Ion Ratio Lower Upper  
50 100  
52 32.6 27.8 41.8



#4  
Vinyl Chloride  
Concen: 47.874 ug/l  
RT: 2.512 min Scan# 95  
Delta R.T. -0.000 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51

Tgt Ion: 62 Resp: 100732  
Ion Ratio Lower Upper  
62 100  
64 31.3 24.6 36.8

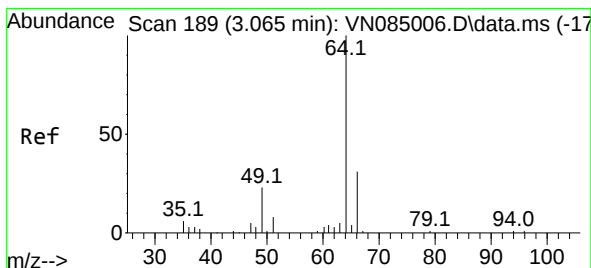
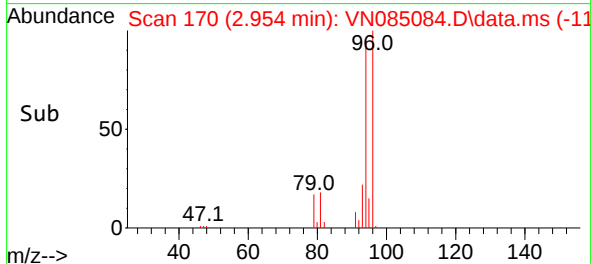
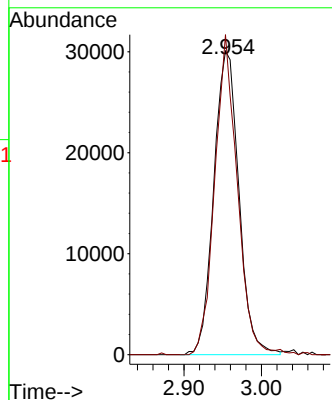
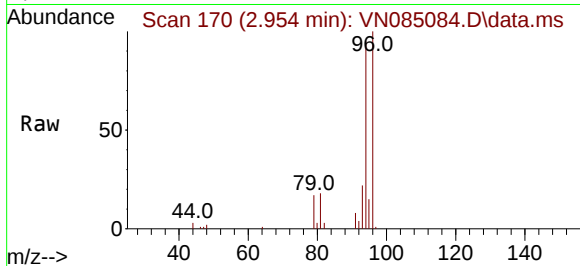




#5  
Bromomethane  
Concen: 57.360 ug/l  
RT: 2.954 min Scan# 11  
Delta R.T. 0.053 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51

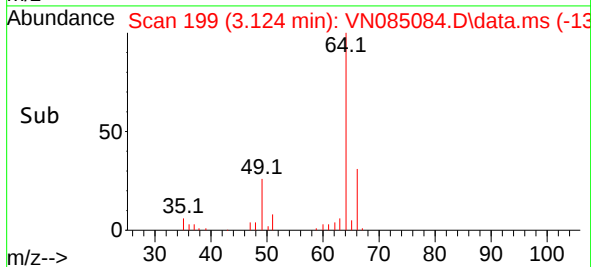
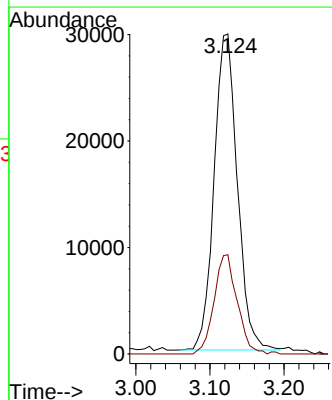
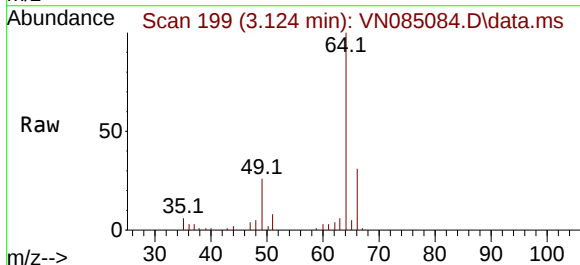
Instrument :  
MSVOA\_N  
ClientSampleId :

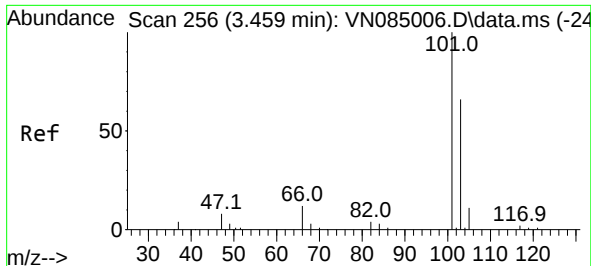
Tgt Ion: 94 Resp: 67647  
Ion Ratio Lower Upper  
94 100  
96 105.3 78.7 118.1



#6  
Chloroethane  
Concen: 45.576 ug/l  
RT: 3.124 min Scan# 199  
Delta R.T. 0.059 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51

Tgt Ion: 64 Resp: 64638  
Ion Ratio Lower Upper  
64 100  
66 31.4 24.4 36.6

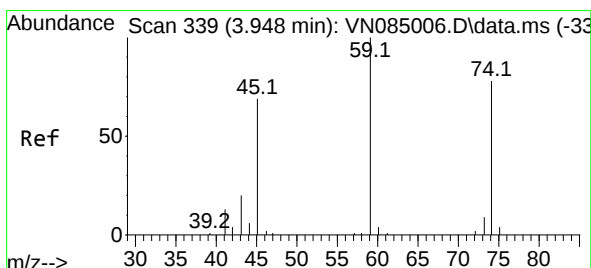
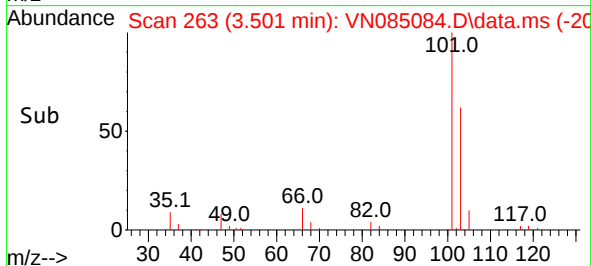
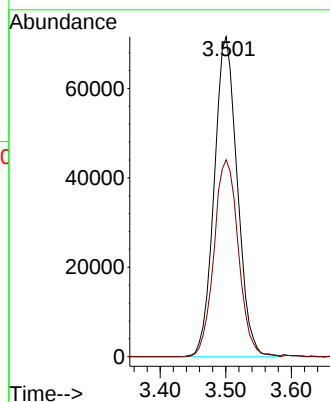
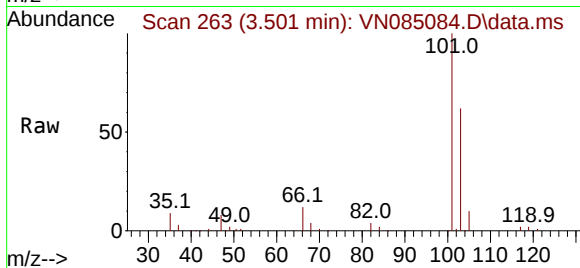




#7  
Trichlorofluoromethane  
Concen: 48.844 ug/l  
RT: 3.501 min Scan# 20  
Delta R.T. 0.041 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51

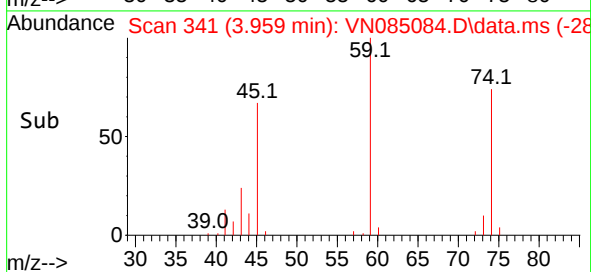
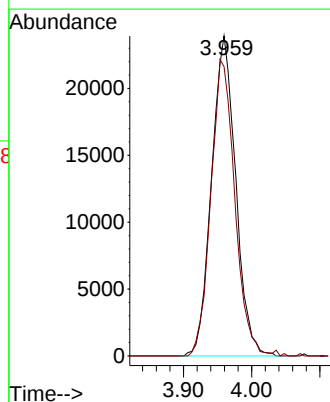
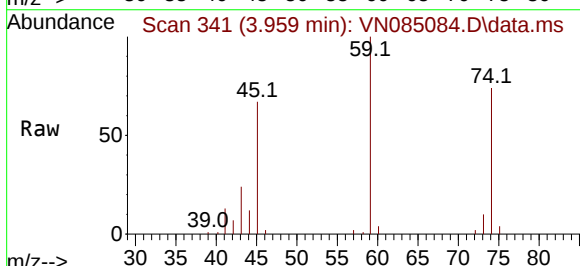
Instrument :  
MSVOA\_N  
ClientSampleId :

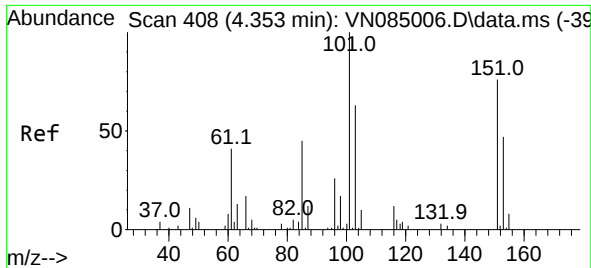
Tgt Ion:101 Resp: 174828  
Ion Ratio Lower Upper  
101 100  
103 61.5 52.6 78.8



#8  
Diethyl Ether  
Concen: 48.354 ug/l  
RT: 3.959 min Scan# 341  
Delta R.T. 0.012 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51

Tgt Ion: 74 Resp: 58907  
Ion Ratio Lower Upper  
74 100  
45 92.2 46.7 140.1

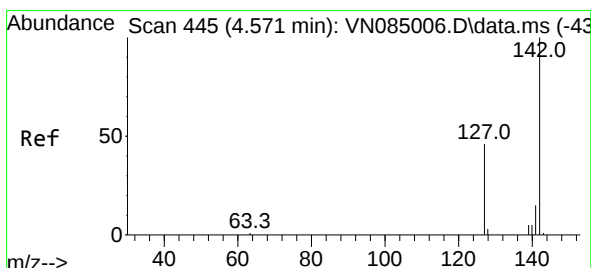
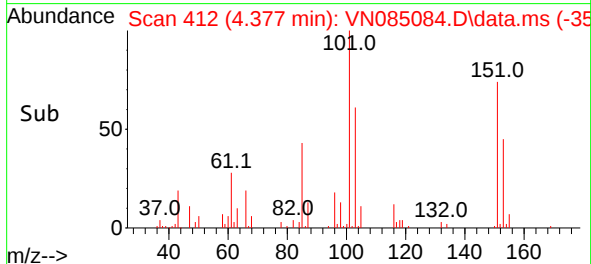
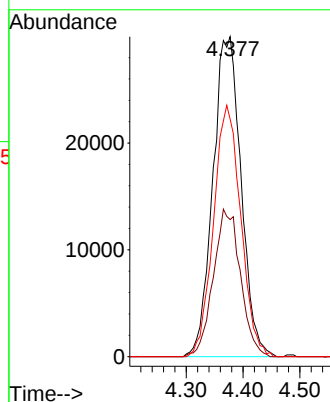
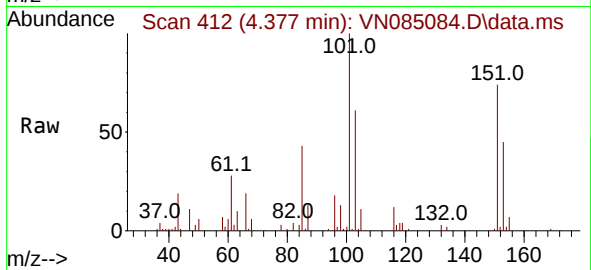




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 50.816 ug/l  
RT: 4.377 min Scan# 412  
Delta R.T. 0.024 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51

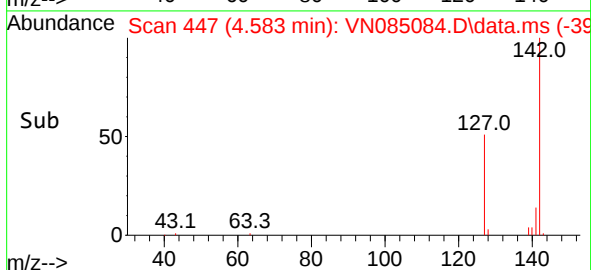
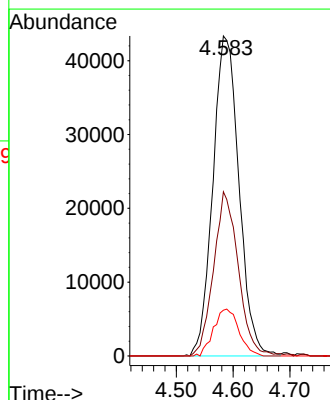
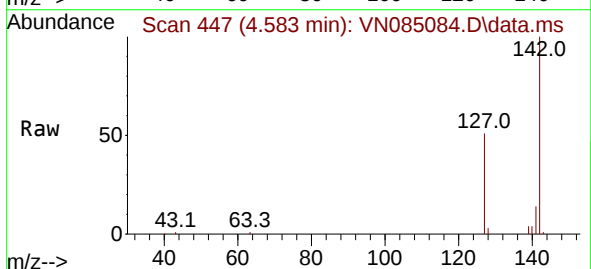
Instrument :  
MSVOA\_N  
ClientSampleId :

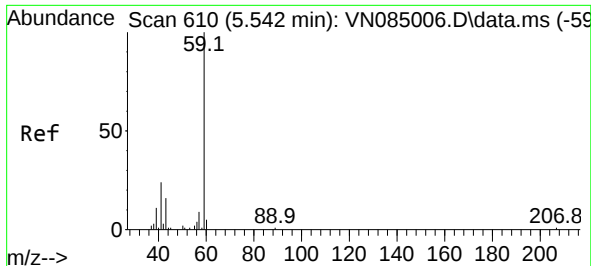
Tgt Ion:101 Resp: 103159  
Ion Ratio Lower Upper  
101 100  
85 44.3 36.9 55.3  
151 75.9 60.8 91.2



#10  
Methyl Iodide  
Concen: 51.437 ug/l  
RT: 4.583 min Scan# 447  
Delta R.T. 0.012 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51

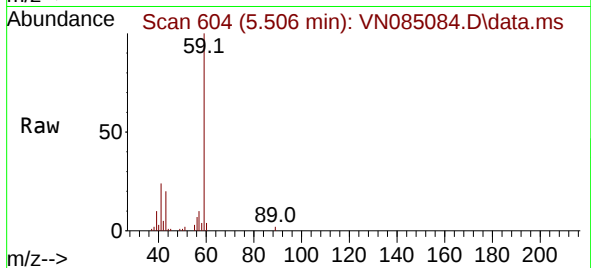
Tgt Ion:142 Resp: 138221  
Ion Ratio Lower Upper  
142 100  
127 51.3 36.6 54.8  
141 14.3 12.2 18.4



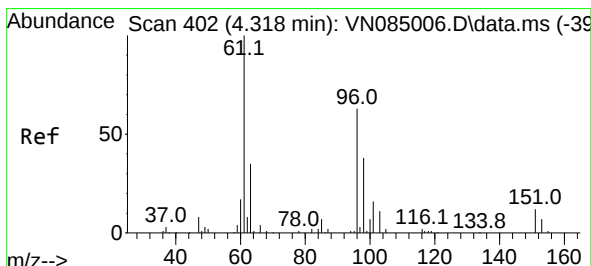
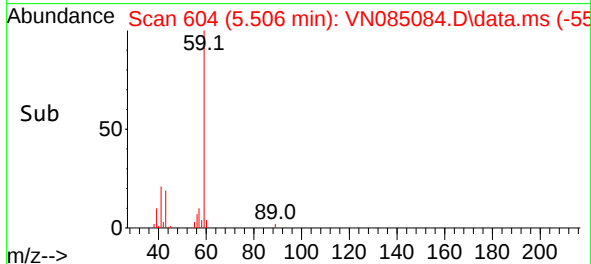
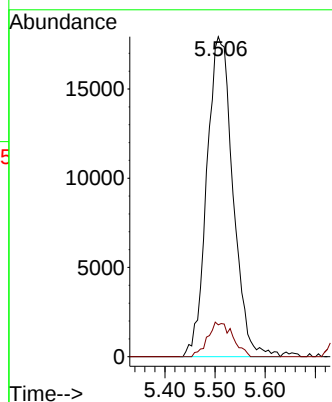


#11  
Tert butyl alcohol  
Concen: 190.969 ug/l  
RT: 5.506 min Scan# 610  
Delta R.T. -0.035 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51

Instrument :  
MSVOA\_N  
ClientSampleId :

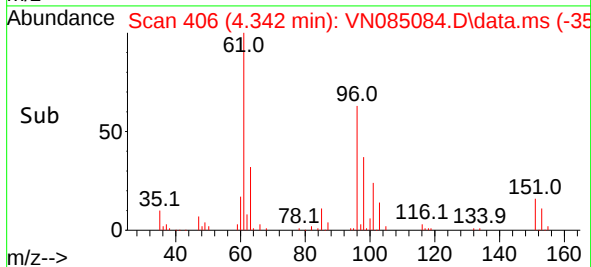
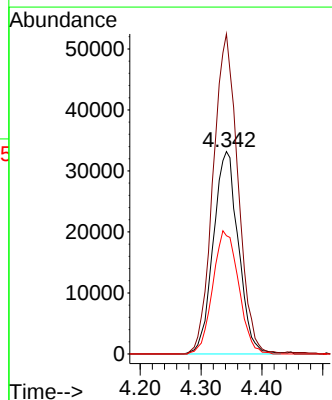
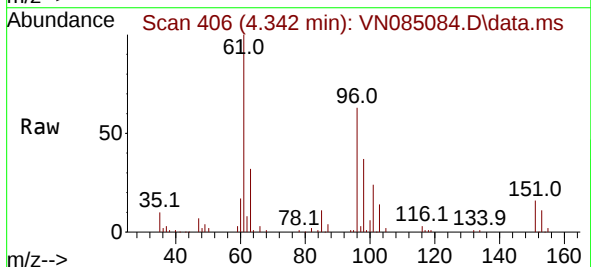


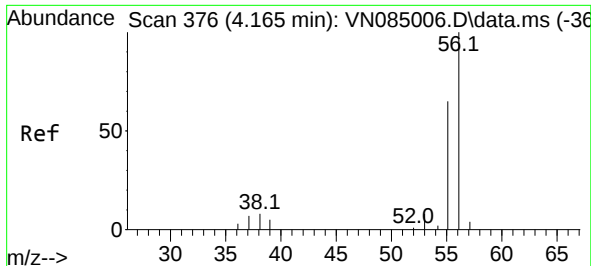
Tgt Ion: 59 Resp: 64896  
Ion Ratio Lower Upper  
59 100  
57 10.3 7.4 11.0



#12  
1,1-Dichloroethene  
Concen: 49.991 ug/l  
RT: 4.342 min Scan# 406  
Delta R.T. 0.023 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51

Tgt Ion: 96 Resp: 94728  
Ion Ratio Lower Upper  
96 100  
61 158.2 127.8 191.8  
98 58.5 49.2 73.8





#13

Acrolein

Concen: 262.190 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.012 min

Lab File: VN085084.D

Acq: 04 Dec 2024 09:51

Instrument :

MSVOA\_N

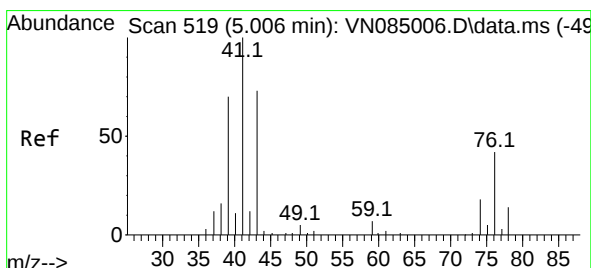
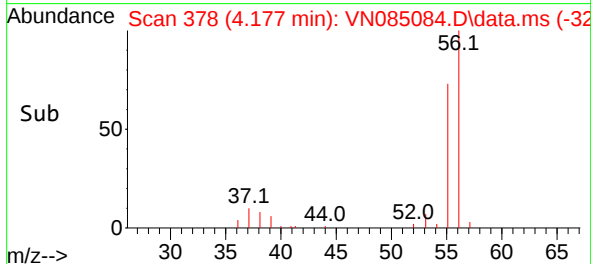
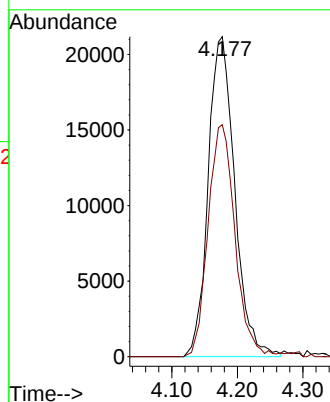
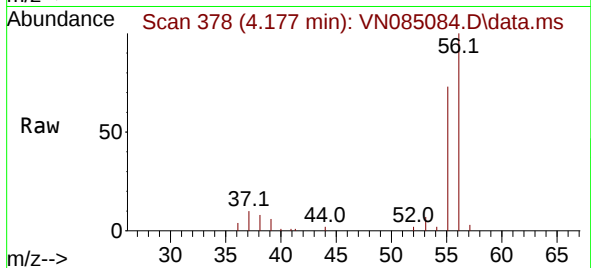
ClientSampleId :

Tgt Ion: 56 Resp: 59453

Ion Ratio Lower Upper

56 100

55 73.5 54.5 81.7



#14

Allyl chloride

Concen: 42.077 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.018 min

Lab File: VN085084.D

Acq: 04 Dec 2024 09:51

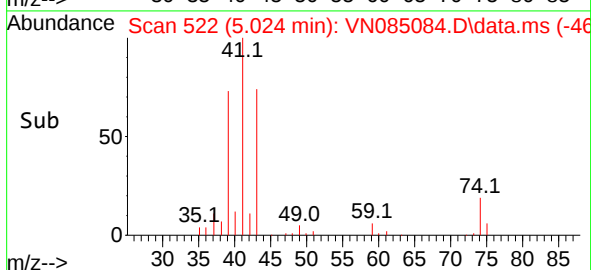
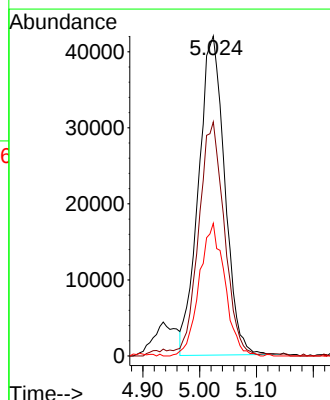
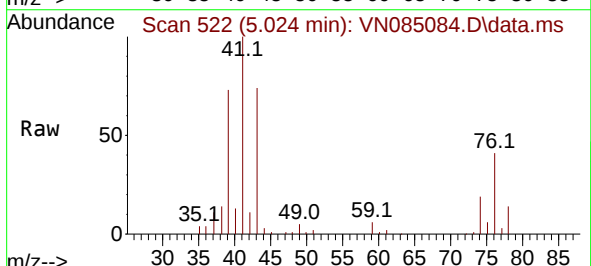
Tgt Ion: 41 Resp: 134411

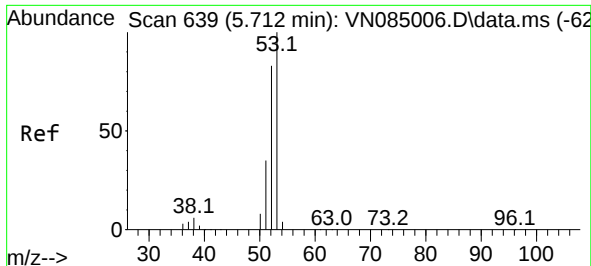
Ion Ratio Lower Upper

41 100

39 70.9 53.8 80.8

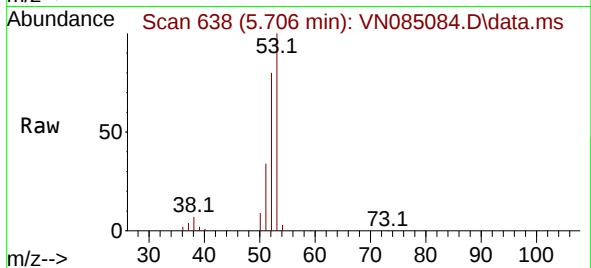
76 40.5 29.3 43.9



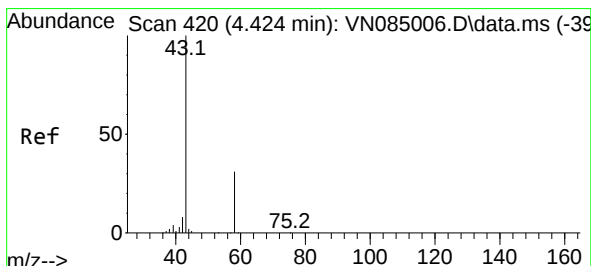
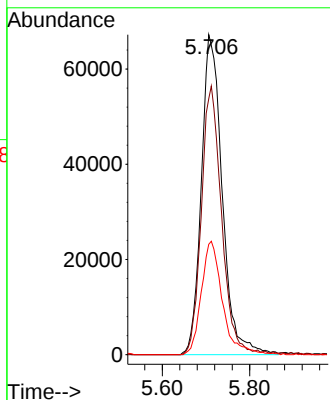
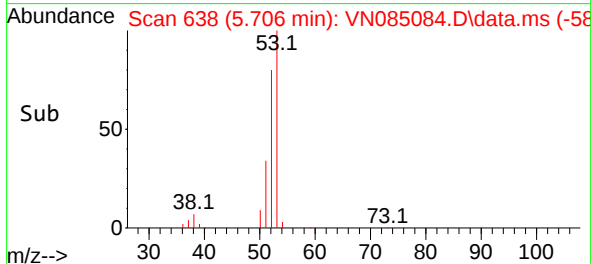


#15  
Acrylonitrile  
Concen: 232.263 ug/l  
RT: 5.706 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51

Instrument :  
MSVOA\_N  
ClientSampleId :

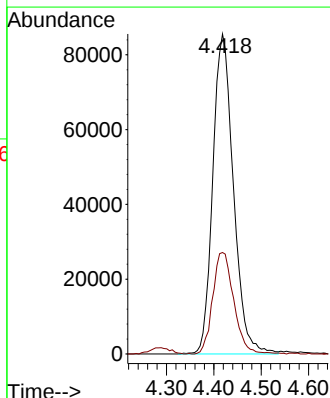
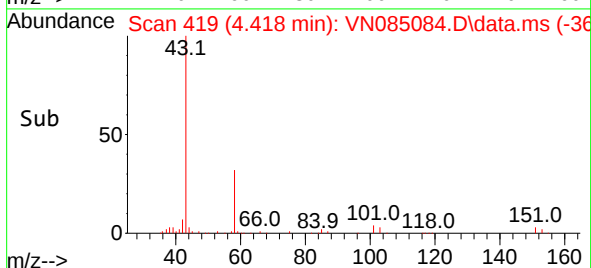
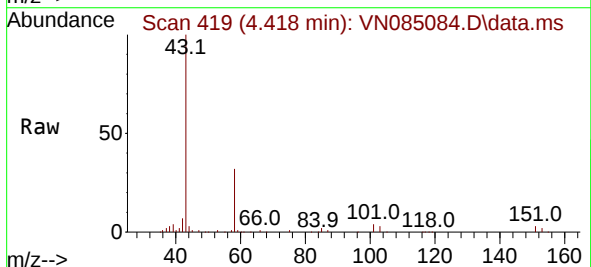


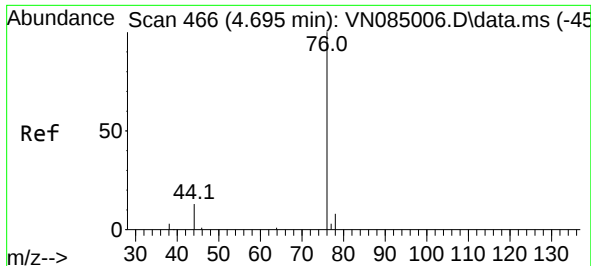
Tgt Ion: 53 Resp: 223460  
Ion Ratio Lower Upper  
53 100  
52 81.4 65.5 98.3  
51 35.9 28.4 42.6



#16  
Acetone  
Concen: 349.014 ug/l  
RT: 4.418 min Scan# 419  
Delta R.T. -0.006 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51

Tgt Ion: 43 Resp: 258487  
Ion Ratio Lower Upper  
43 100  
58 31.4 25.4 38.2

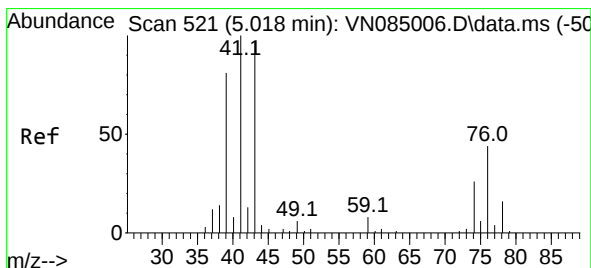
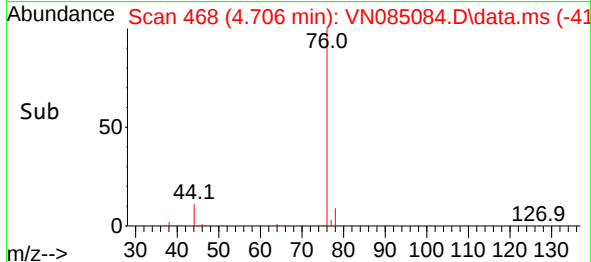
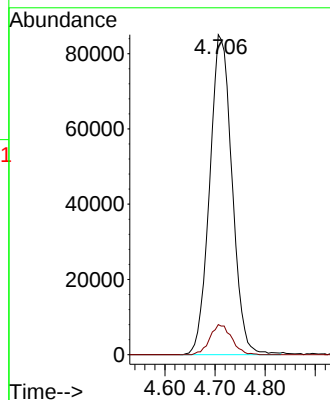
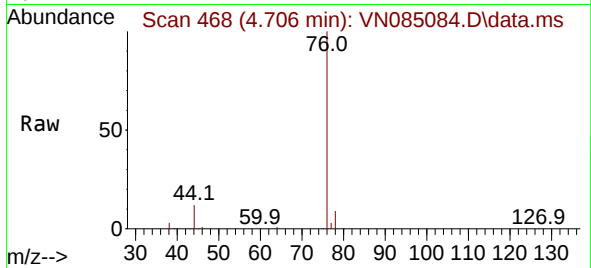




#17  
Carbon Disulfide  
Concen: 47.130 ug/l  
RT: 4.706 min Scan# 41  
Delta R.T. 0.012 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51

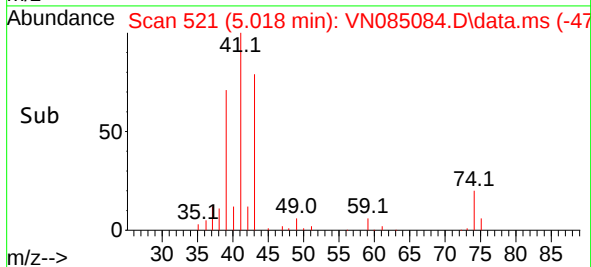
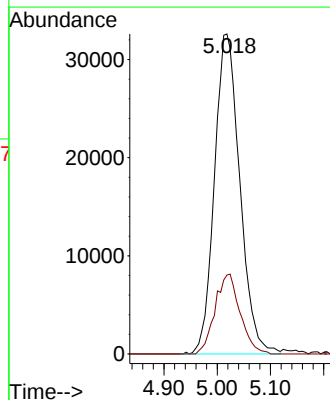
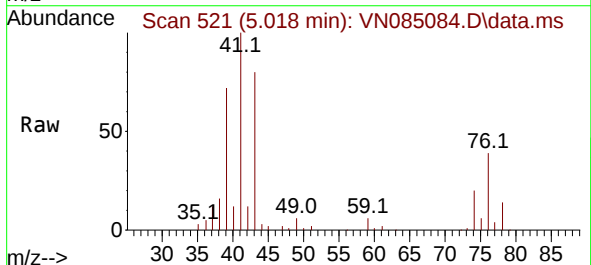
Instrument :  
MSVOA\_N  
ClientSampleId :

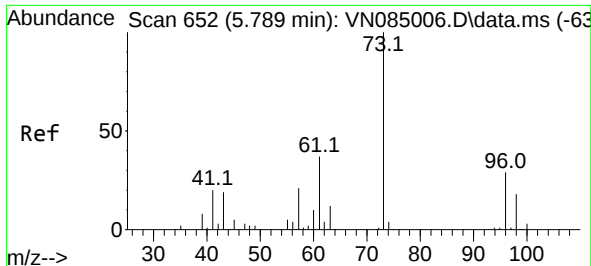
Tgt Ion: 76 Resp: 263601  
Ion Ratio Lower Upper  
76 100  
78 9.4 6.5 9.7



#18  
Methyl Acetate  
Concen: 45.481 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. -0.000 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51

Tgt Ion: 43 Resp: 107907  
Ion Ratio Lower Upper  
43 100  
74 24.6 20.1 30.1

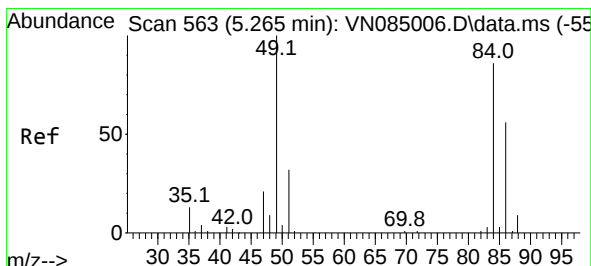
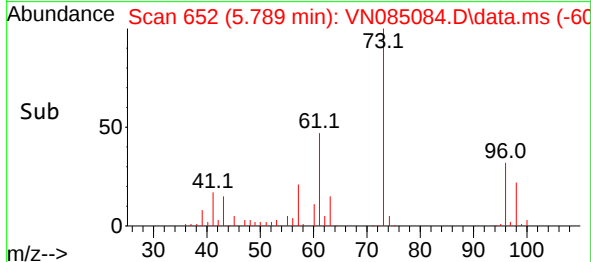
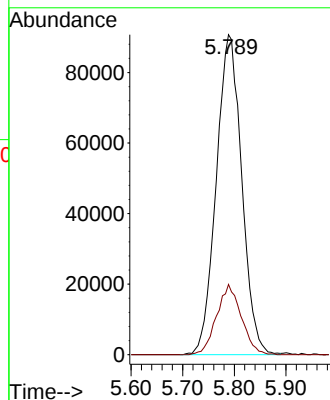
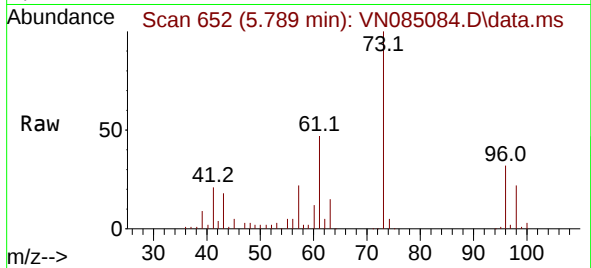




#19  
Methyl tert-butyl Ether  
Concen: 50.189 ug/l  
RT: 5.789 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51

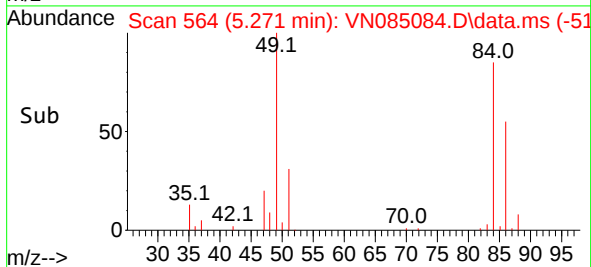
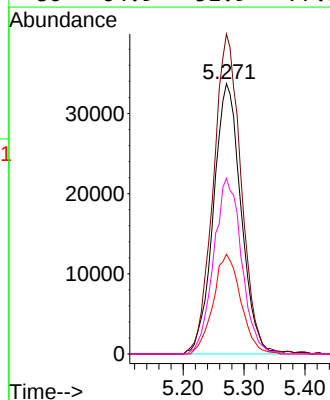
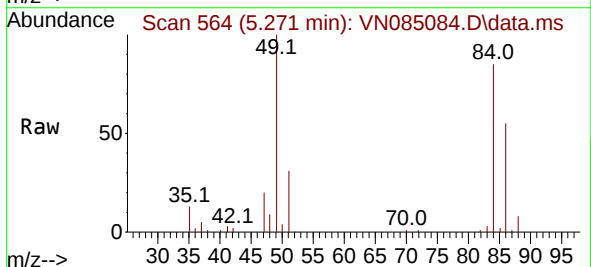
Instrument :  
MSVOA\_N  
ClientSampleId :

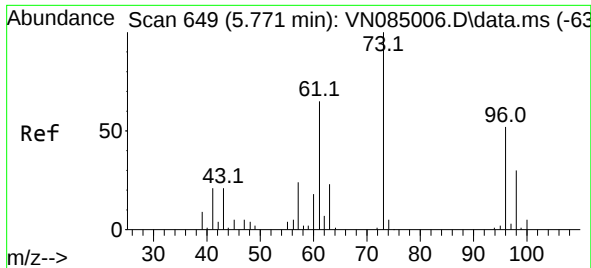
Tgt Ion: 73 Resp: 310729  
Ion Ratio Lower Upper  
73 100  
57 22.0 17.0 25.4



#20  
Methylene Chloride  
Concen: 46.925 ug/l  
RT: 5.271 min Scan# 564  
Delta R.T. 0.006 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51

Tgt Ion: 84 Resp: 106050  
Ion Ratio Lower Upper  
84 100  
49 118.3 92.7 139.1  
51 36.8 29.4 44.2  
86 64.9 51.9 77.9

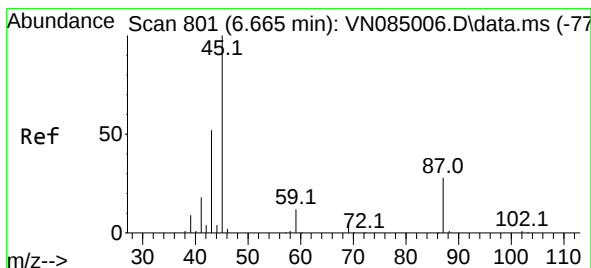
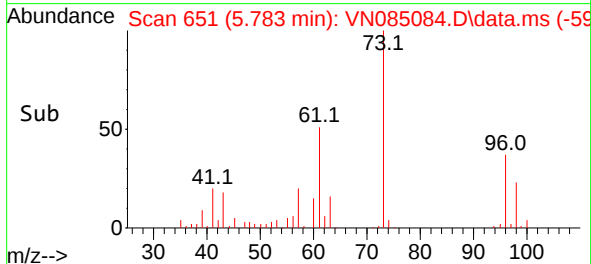
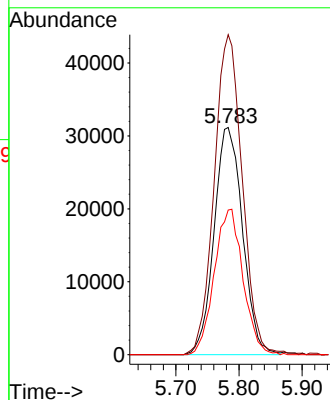
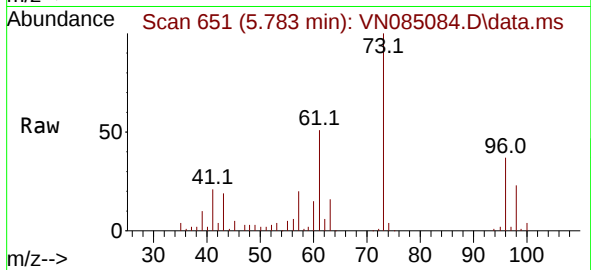




#21  
trans-1,2-Dichloroethene  
Concen: 48.883 ug/l  
RT: 5.783 min Scan# 61  
Delta R.T. 0.012 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51

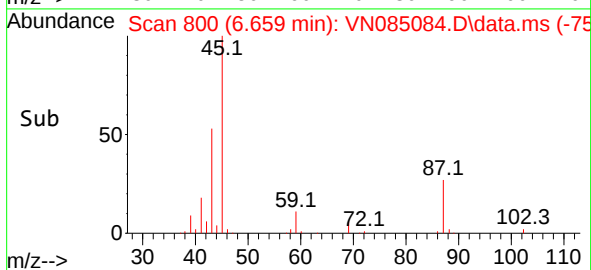
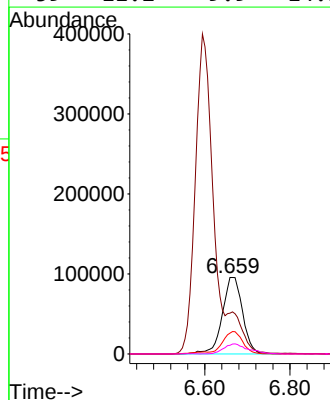
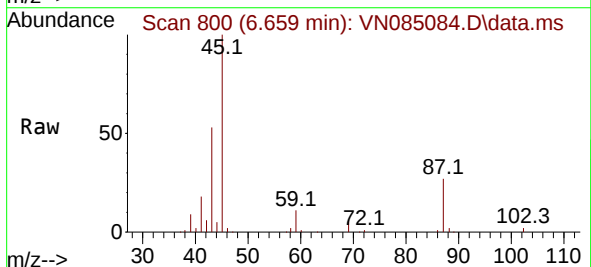
Instrument :  
MSVOA\_N  
ClientSampleId :

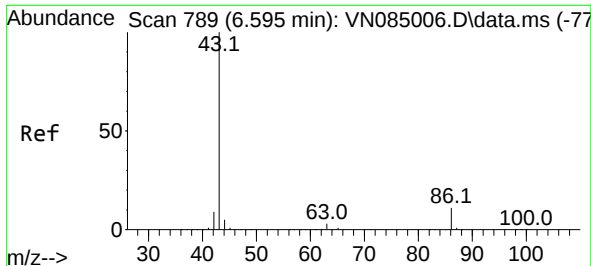
Tgt Ion: 96 Resp: 97476  
Ion Ratio Lower Upper  
96 100  
61 140.8 100.7 151.1  
98 63.6 45.8 68.6



#22  
Diisopropyl ether  
Concen: 49.142 ug/l  
RT: 6.659 min Scan# 800  
Delta R.T. -0.006 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51

Tgt Ion: 45 Resp: 315943  
Ion Ratio Lower Upper  
45 100  
43 52.4 42.7 64.1  
87 27.1 22.6 34.0  
59 11.2 9.9 14.9

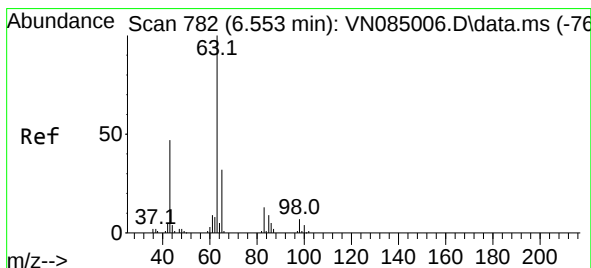
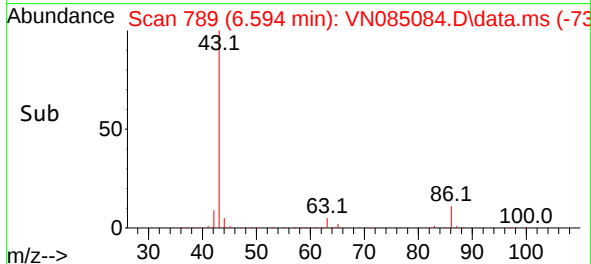
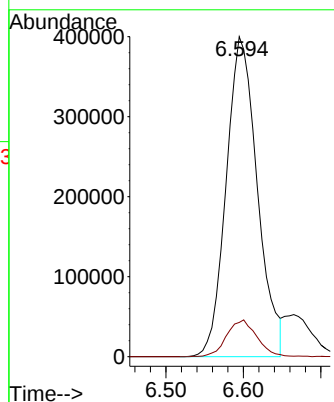
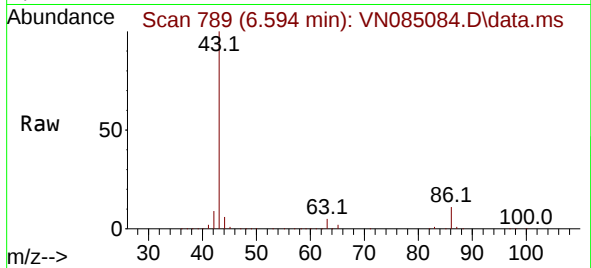




#23  
 Vinyl Acetate  
 Concen: 252.461 ug/l  
 RT: 6.594 min Scan# 711  
 Delta R.T. -0.000 min  
 Lab File: VN085084.D  
 Acq: 04 Dec 2024 09:51

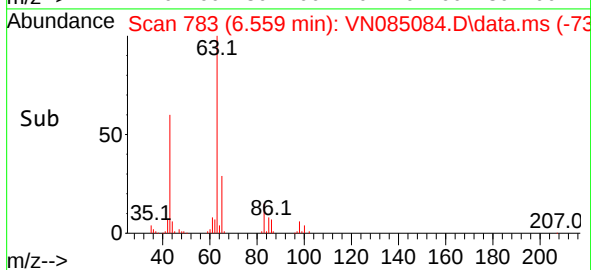
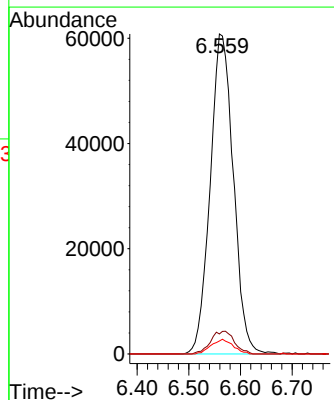
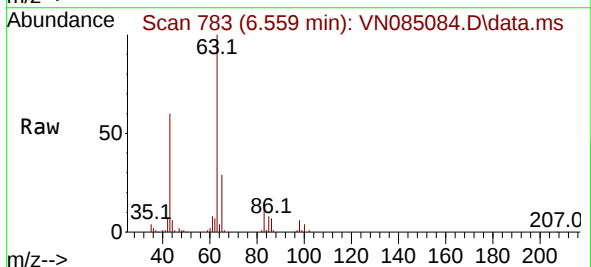
Instrument :  
 MSVOA\_N  
 ClientSampleId :

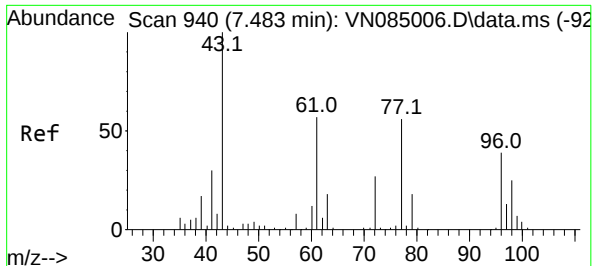
Tgt Ion: 43 Resp: 1119761  
 Ion Ratio Lower Upper  
 43 100  
 86 10.7 8.9 13.3



#24  
 1,1-Dichloroethane  
 Concen: 49.264 ug/l  
 RT: 6.559 min Scan# 783  
 Delta R.T. 0.006 min  
 Lab File: VN085084.D  
 Acq: 04 Dec 2024 09:51

Tgt Ion: 63 Resp: 189539  
 Ion Ratio Lower Upper  
 63 100  
 98 6.2 3.3 9.8  
 100 4.1 2.2 6.6

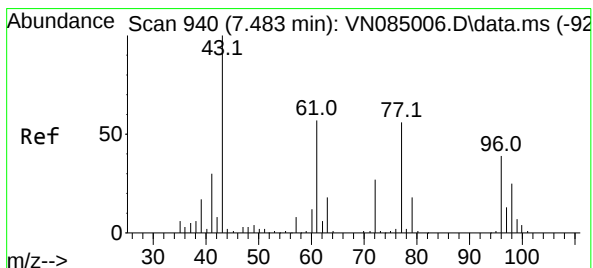
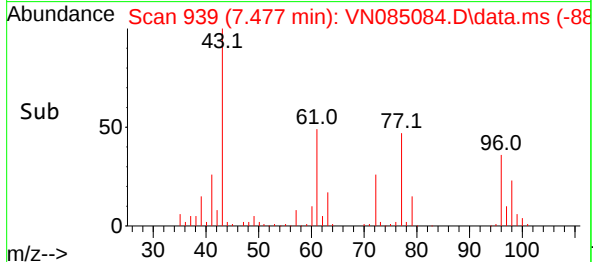
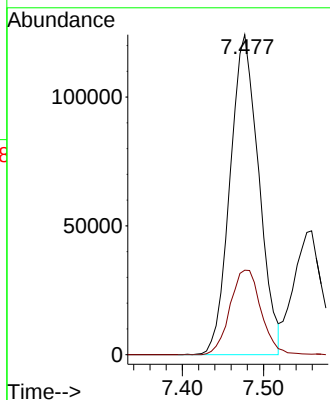
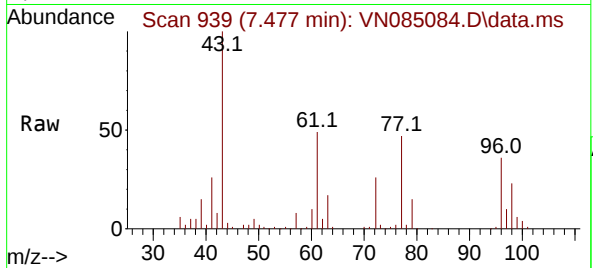




#25  
2-Butanone  
Concen: 252.224 ug/l  
RT: 7.477 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51

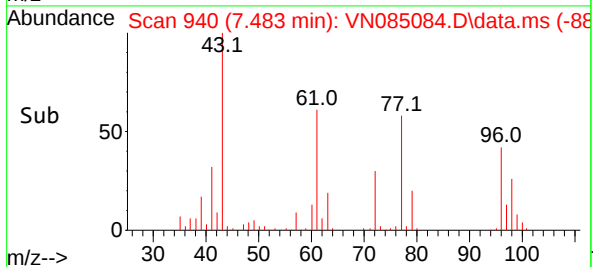
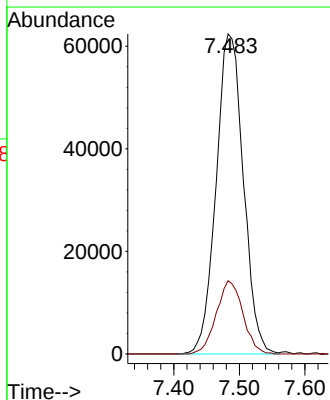
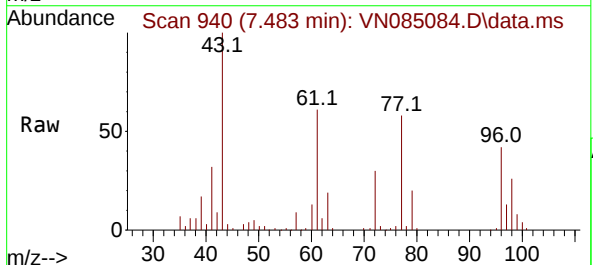
Instrument :  
MSVOA\_N  
ClientSampleId :

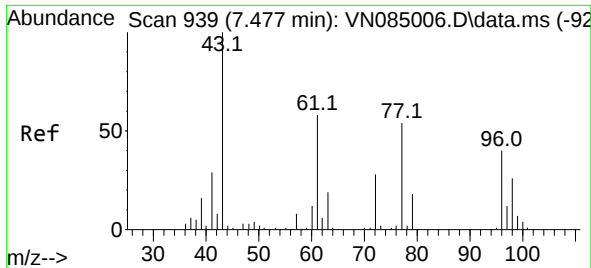
Tgt Ion: 43 Resp: 305406  
Ion Ratio Lower Upper  
43 100  
72 26.4 21.4 32.0



#26  
2,2-Dichloropropane  
Concen: 50.098 ug/l  
RT: 7.483 min Scan# 940  
Delta R.T. -0.000 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51

Tgt Ion: 77 Resp: 179981  
Ion Ratio Lower Upper  
77 100  
97 22.3 10.9 32.7

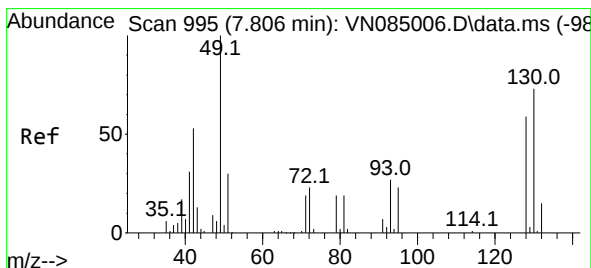
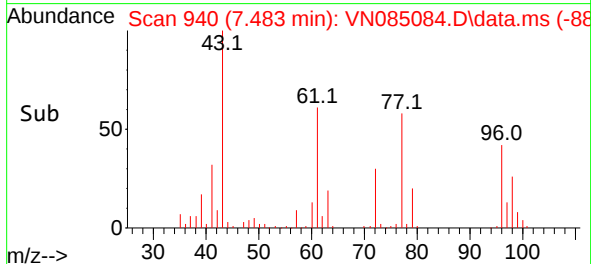
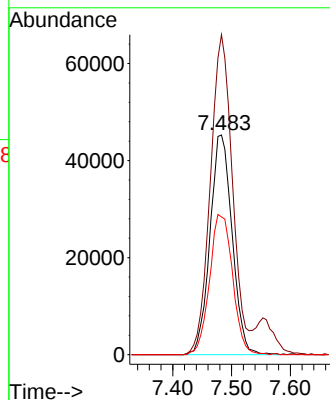
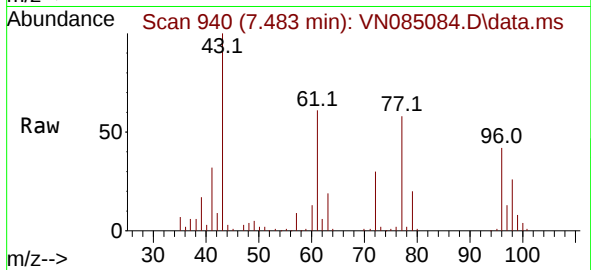




#27  
 cis-1,2-Dichloroethene  
 Concen: 49.311 ug/l  
 RT: 7.483 min Scan# 940  
 Delta R.T. 0.006 min  
 Lab File: VN085084.D  
 Acq: 04 Dec 2024 09:51

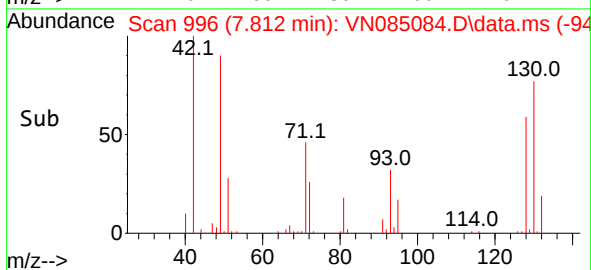
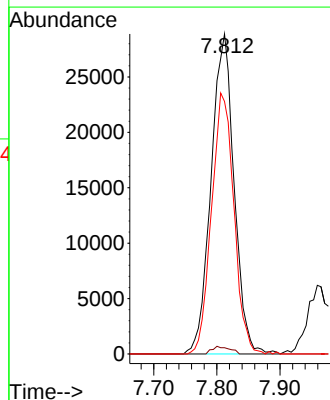
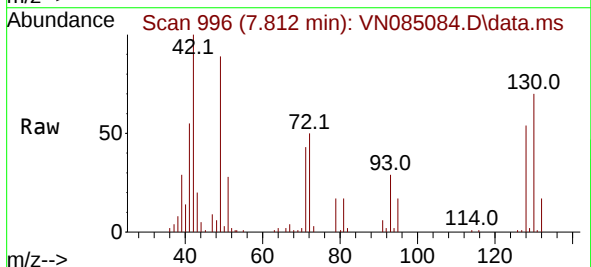
Instrument :  
 MSVOA\_N  
 ClientSampleId :

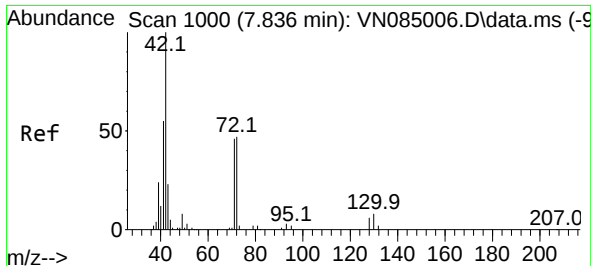
Tgt Ion: 96 Resp: 118539  
 Ion Ratio Lower Upper  
 96 100  
 61 144.7 0.0 291.6  
 98 66.3 0.0 129.8



#28  
 Bromochloromethane  
 Concen: 50.417 ug/l  
 RT: 7.812 min Scan# 996  
 Delta R.T. 0.006 min  
 Lab File: VN085084.D  
 Acq: 04 Dec 2024 09:51

Tgt Ion: 49 Resp: 73222  
 Ion Ratio Lower Upper  
 49 100  
 129 1.8 0.0 4.0  
 130 79.1 60.6 90.8





#29

Tetrahydrofuran

Concen: 239.866 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. -0.000 min

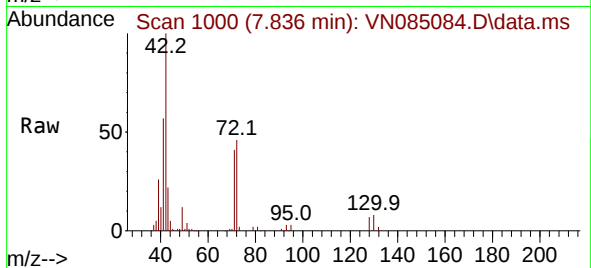
Lab File: VN085084.D

Acq: 04 Dec 2024 09:51

Instrument :

MSVOA\_N

ClientSampleId :



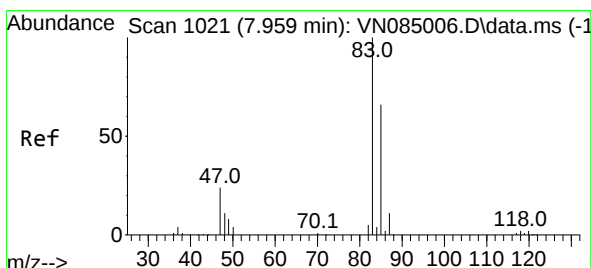
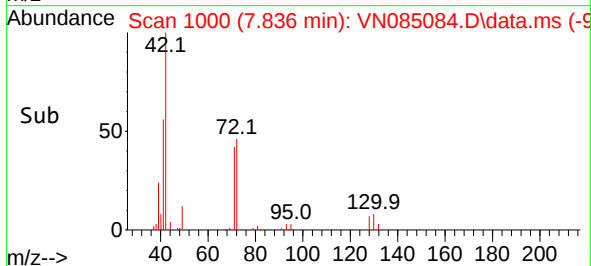
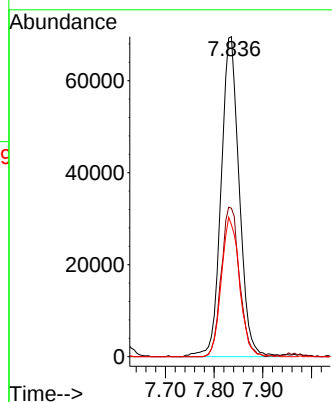
Tgt Ion: 42 Resp: 180617

Ion Ratio Lower Upper

42 100

72 46.9 37.0 55.4

71 43.4 35.0 52.4



#30

Chloroform

Concen: 48.440 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VN085084.D

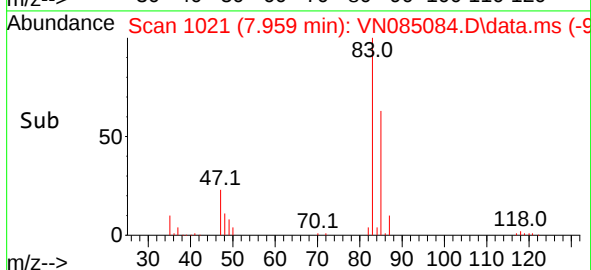
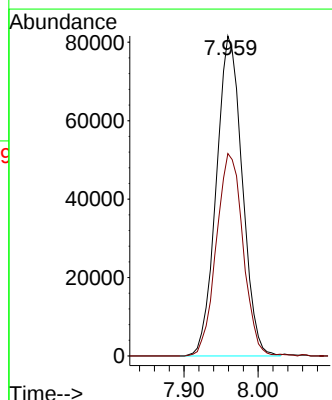
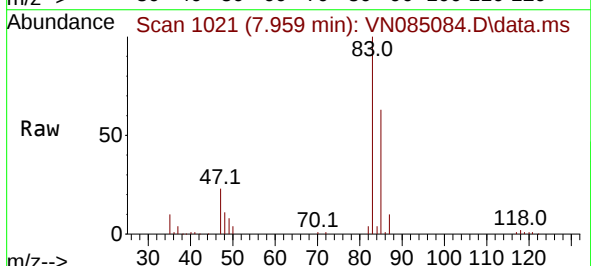
Acq: 04 Dec 2024 09:51

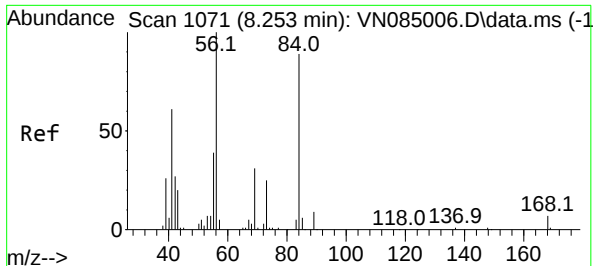
Tgt Ion: 83 Resp: 198245

Ion Ratio Lower Upper

83 100

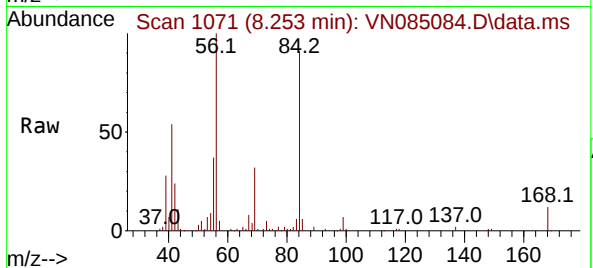
85 63.2 52.6 78.8



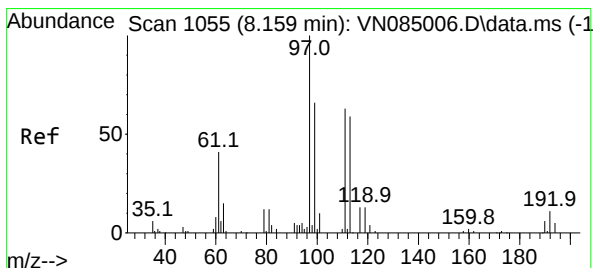
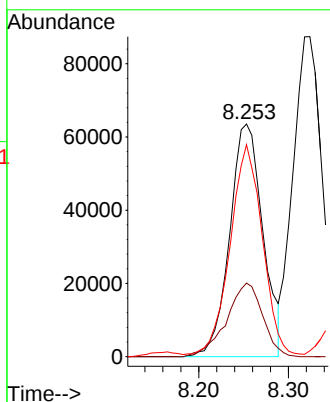
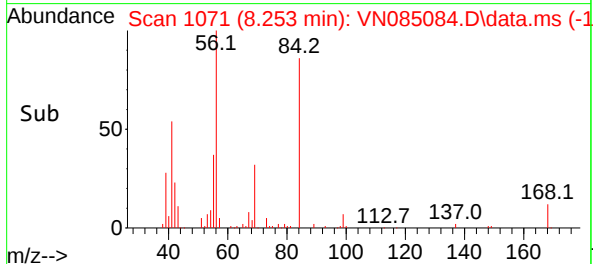


#31  
Cyclohexane  
Concen: 48.224 ug/l  
RT: 8.253 min Scan# 1071  
Delta R.T. -0.000 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51

Instrument :  
MSVOA\_N  
ClientSampleId :

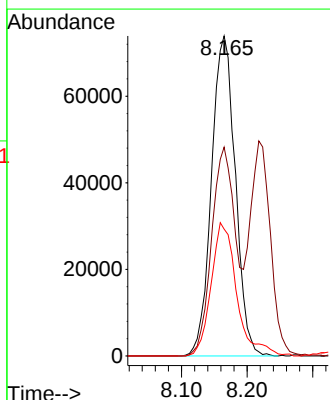
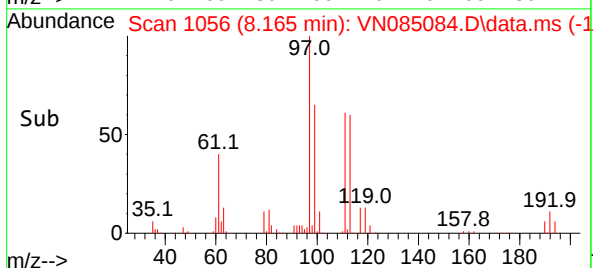
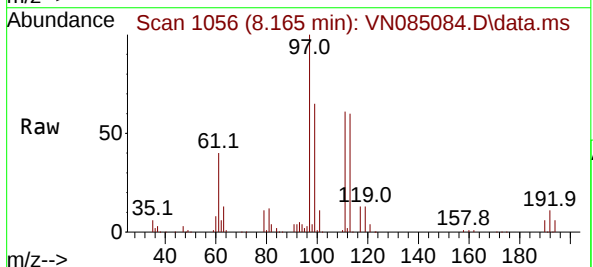


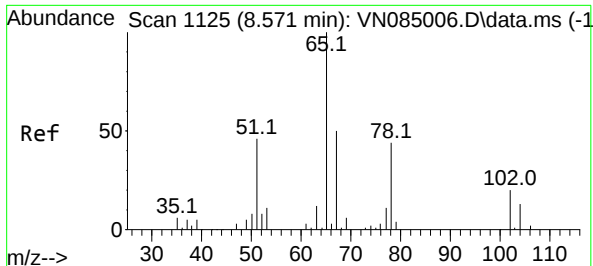
Tgt Ion: 56 Resp: 163355  
Ion Ratio Lower Upper  
56 100  
69 31.7 24.6 36.8  
84 89.7 71.4 107.2



#32  
1,1,1-Trichloroethane  
Concen: 50.416 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. 0.006 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51

Tgt Ion: 97 Resp: 186455  
Ion Ratio Lower Upper  
97 100  
99 66.6 51.0 76.4  
61 44.8 36.2 54.2





#33

1,2-Dichloroethane-d4

Concen: 49.934 ug/l

RT: 8.571 min Scan# 1125

Delta R.T. -0.000 min

Lab File: VN085084.D

Acq: 04 Dec 2024 09:51

Instrument :

MSVOA\_N

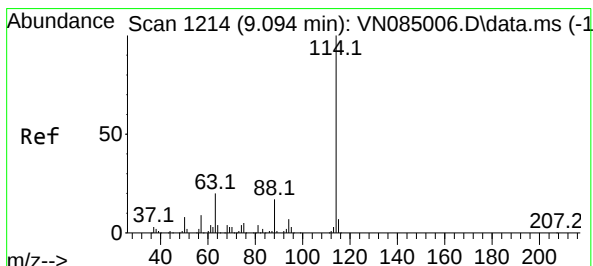
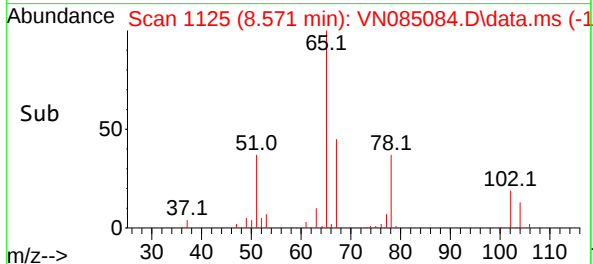
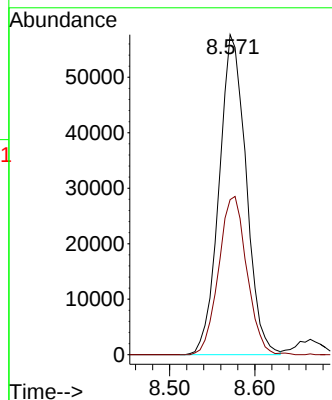
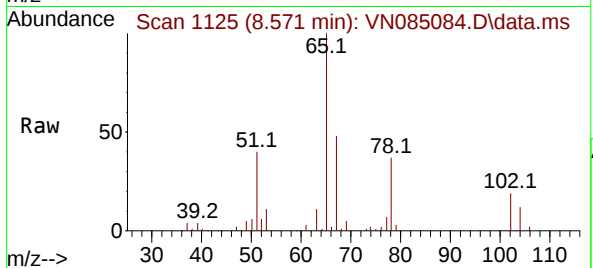
ClientSampleId :

Tgt Ion: 65 Resp: 126983

Ion Ratio Lower Upper

65 100

67 51.6 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.000 min

Lab File: VN085084.D

Acq: 04 Dec 2024 09:51

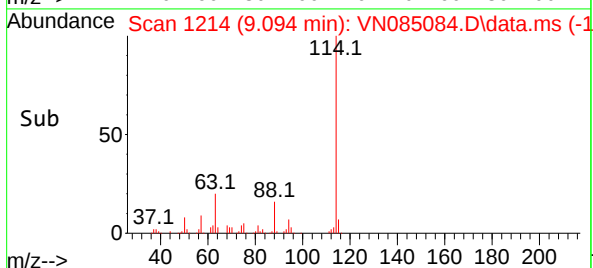
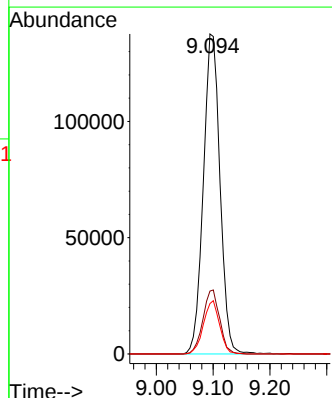
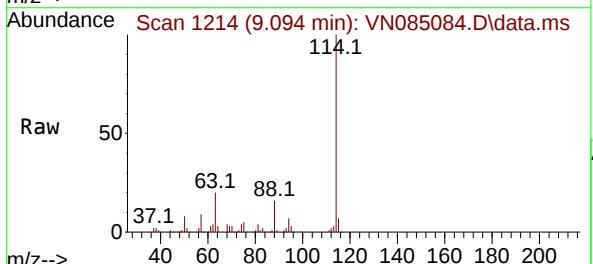
Tgt Ion: 114 Resp: 279794

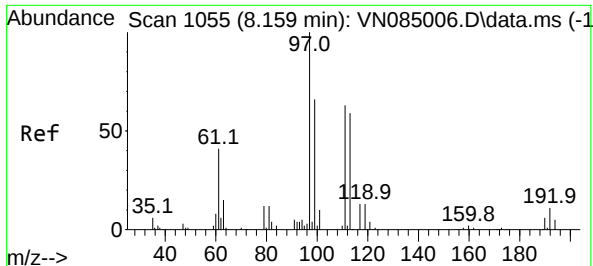
Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.0

88 15.8 0.0 34.8





#35

Dibromofluoromethane

Concen: 55.313 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085084.D

Acq: 04 Dec 2024 09:51

Instrument :

MSVOA\_N

ClientSampleId :

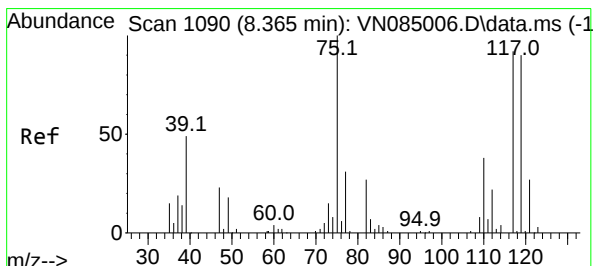
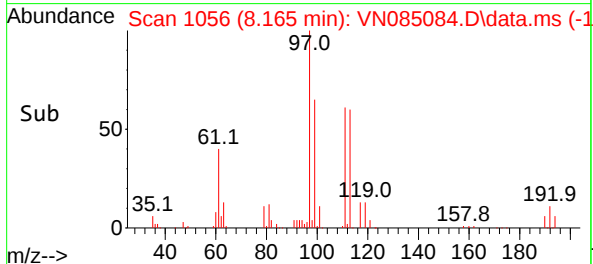
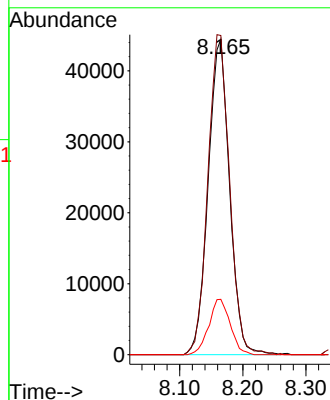
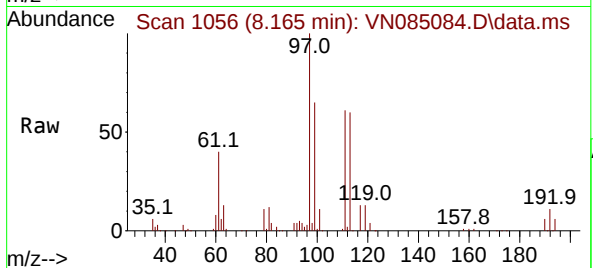
Tgt Ion:113 Resp: 104367

Ion Ratio Lower Upper

113 100

111 102.9 82.0 123.0

192 17.6 14.8 22.2



#36

1,1-Dichloropropene

Concen: 54.146 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VN085084.D

Acq: 04 Dec 2024 09:51

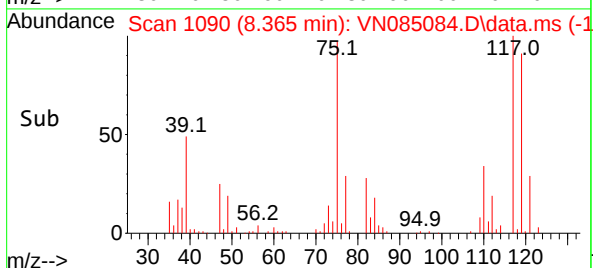
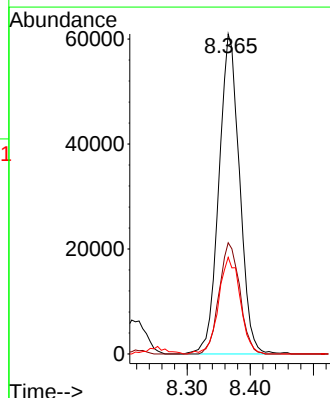
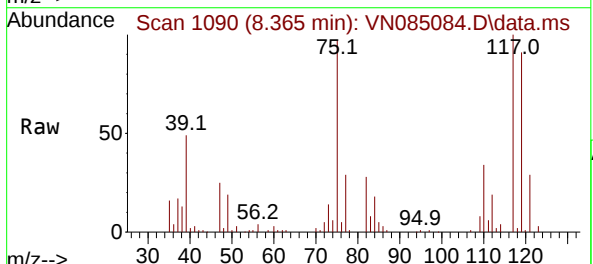
Tgt Ion: 75 Resp: 138381

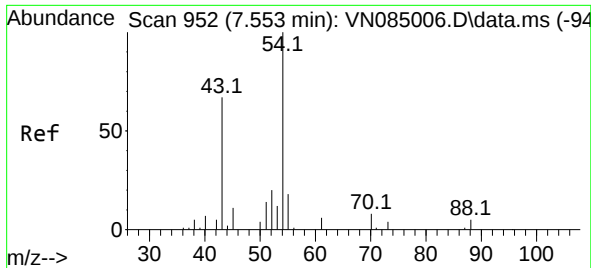
Ion Ratio Lower Upper

75 100

110 34.8 17.2 51.6

77 31.6 24.2 36.4

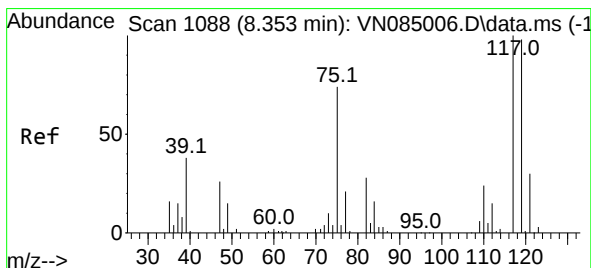
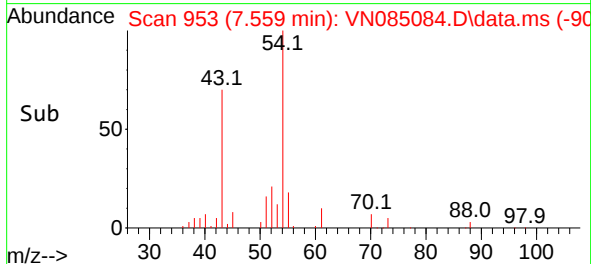
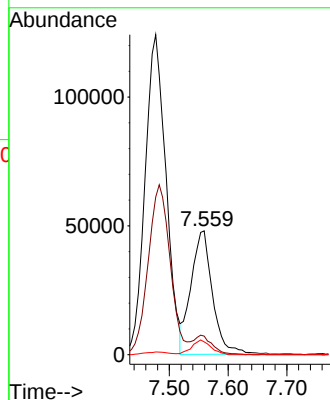
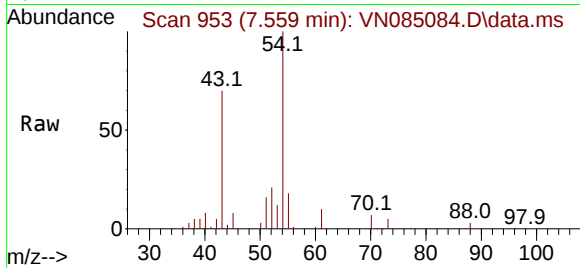




#37  
Ethyl Acetate  
Concen: 52.667 ug/l  
RT: 7.559 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51

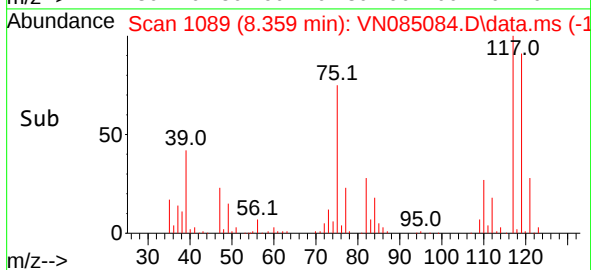
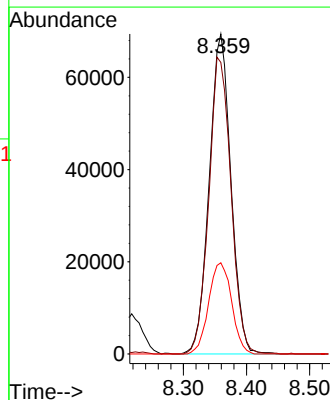
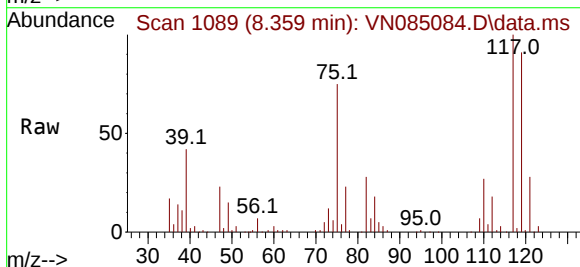
Instrument :  
MSVOA\_N  
ClientSampleId :

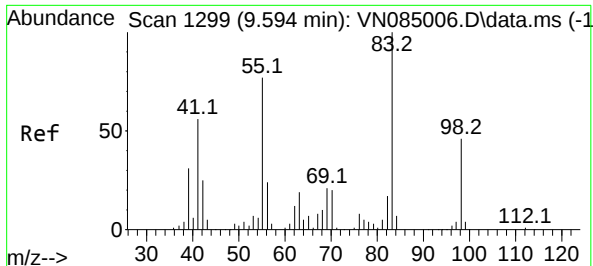
Tgt Ion: 43 Resp: 122367  
Ion Ratio Lower Upper  
43 100  
61 13.2 11.7 17.5  
70 10.4 9.3 13.9



#38  
Carbon Tetrachloride  
Concen: 56.206 ug/l  
RT: 8.359 min Scan# 1089  
Delta R.T. 0.006 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51

Tgt Ion: 117 Resp: 165811  
Ion Ratio Lower Upper  
117 100  
119 91.1 78.6 117.8  
121 28.5 24.2 36.2

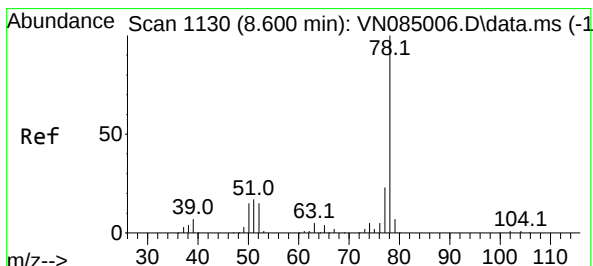
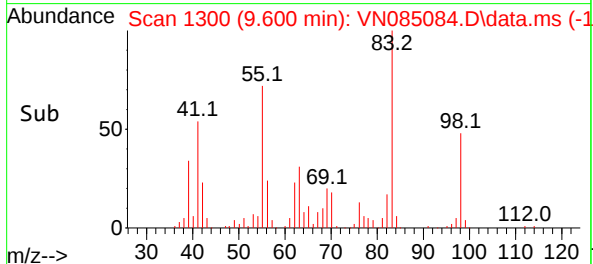
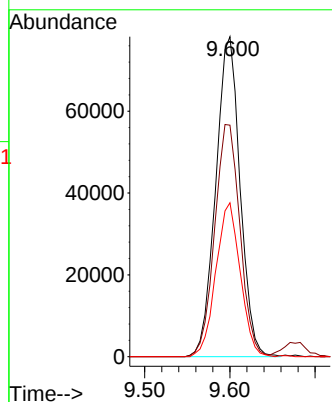
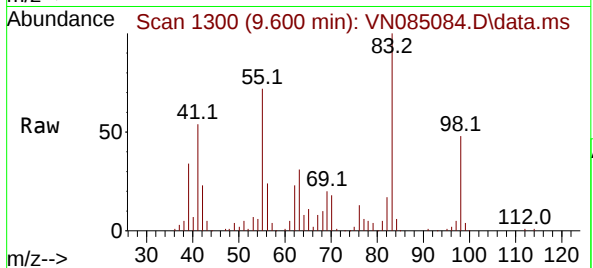




#39  
Methylcyclohexane  
Concen: 58.513 ug/l  
RT: 9.600 min Scan# 1130  
Delta R.T. 0.006 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51

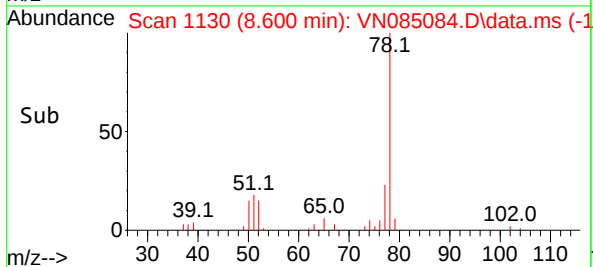
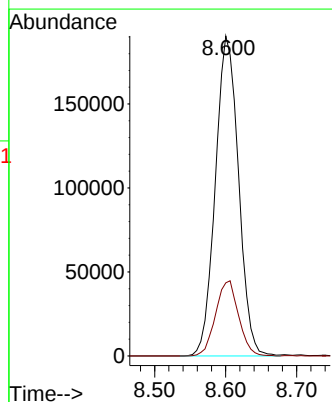
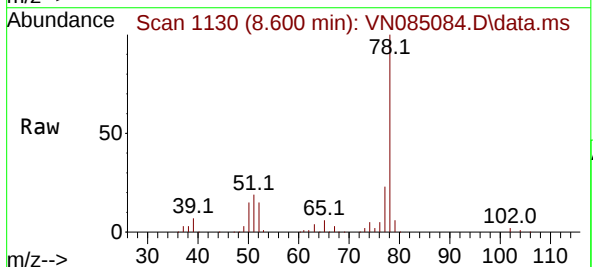
Instrument :  
MSVOA\_N  
ClientSampleId :

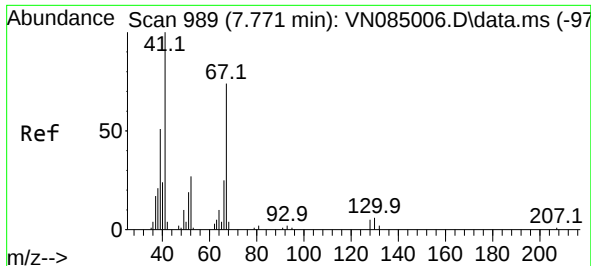
Tgt Ion: 83 Resp: 155396  
Ion Ratio Lower Upper  
83 100  
55 72.4 61.8 92.6  
98 48.1 37.0 55.6



#40  
Benzene  
Concen: 53.378 ug/l  
RT: 8.600 min Scan# 1130  
Delta R.T. -0.000 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51

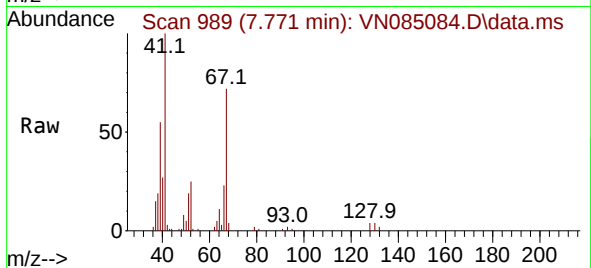
Tgt Ion: 78 Resp: 431469  
Ion Ratio Lower Upper  
78 100  
77 22.9 18.5 27.7



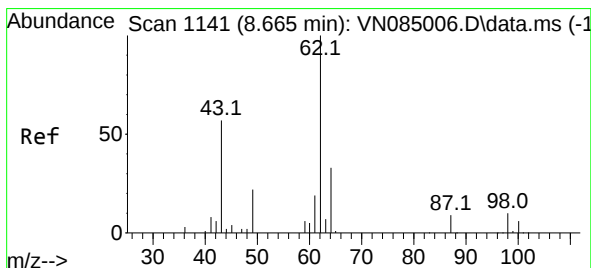
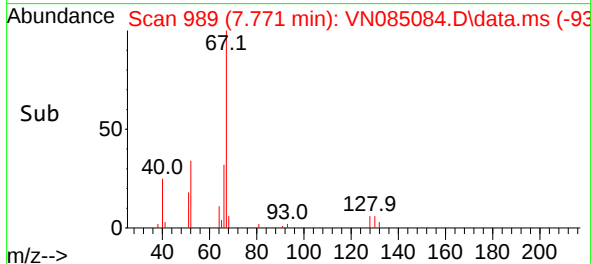
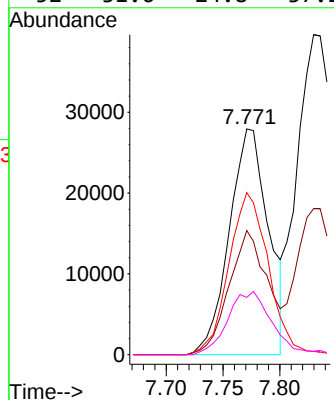


#41  
Methacrylonitrile  
Concen: 52.149 ug/l  
RT: 7.771 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51

Instrument :  
MSVOA\_N  
ClientSampleId :

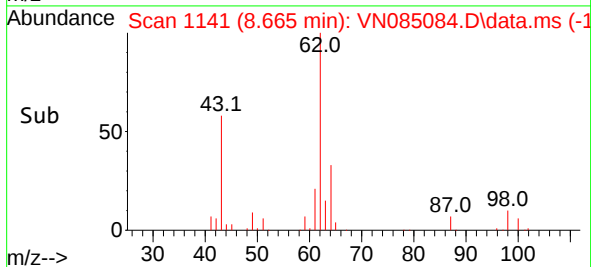
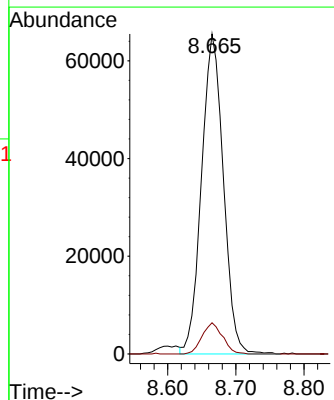
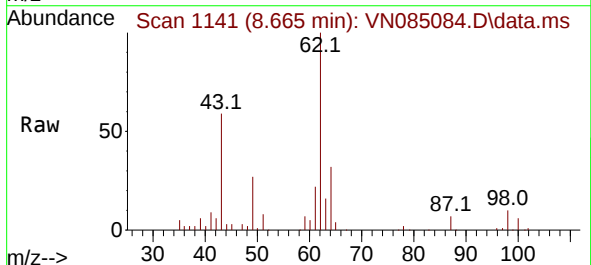


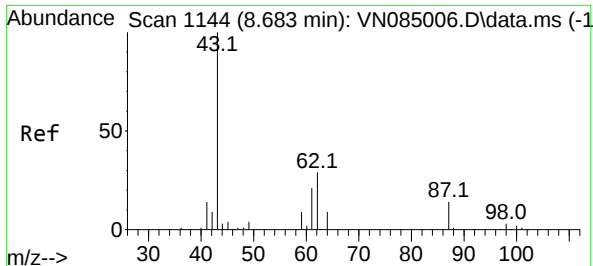
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 67085 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 39        | 54.0  | 42.6  | 63.8  |
| 67        | 73.0  | 59.9  | 89.9  |
| 52        | 31.6  | 24.8  | 37.2  |



#42  
1,2-Dichloroethane  
Concen: 52.698 ug/l  
RT: 8.665 min Scan# 1141  
Delta R.T. -0.000 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 62    | Resp: | 145727 |
| Ion Ratio | Lower | Upper |        |
| 62        | 100   |       |        |
| 98        | 9.1   | 0.0   | 18.2   |

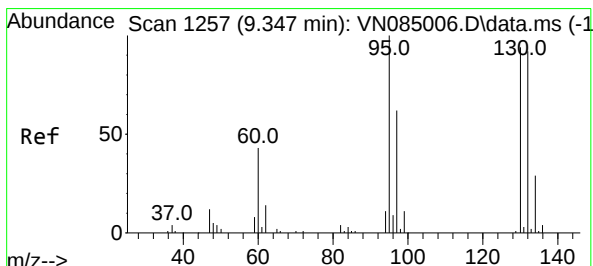
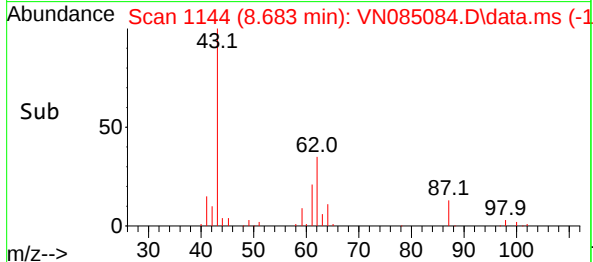
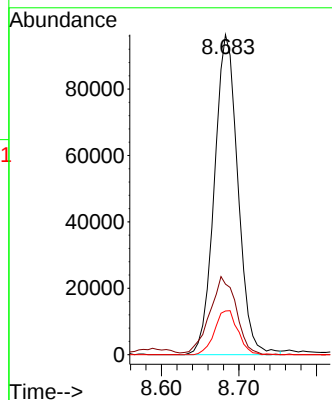
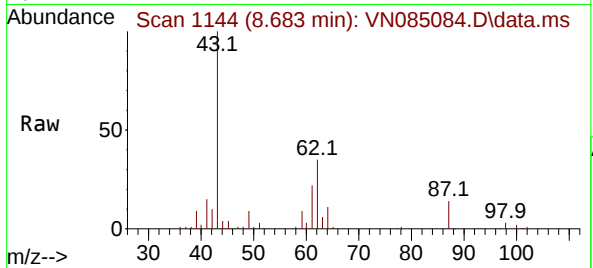




#43  
Isopropyl Acetate  
Concen: 42.066 ug/l  
RT: 8.683 min Scan# 1144  
Delta R.T. -0.000 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51

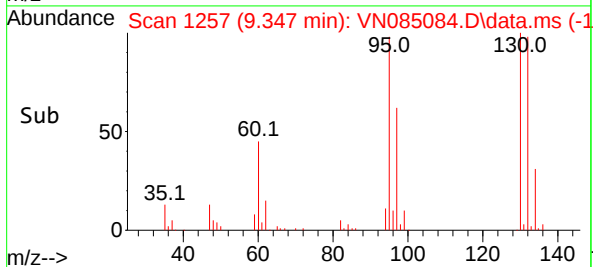
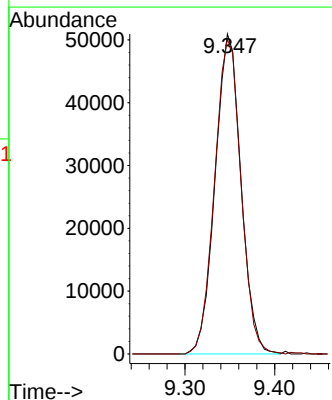
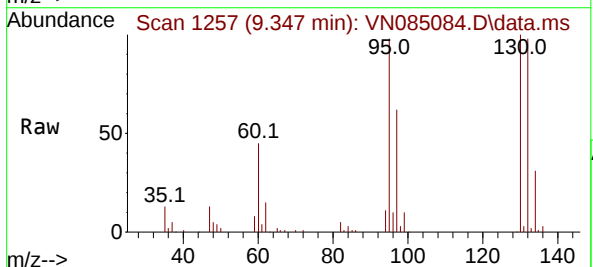
Instrument :  
MSVOA\_N  
ClientSampleId :

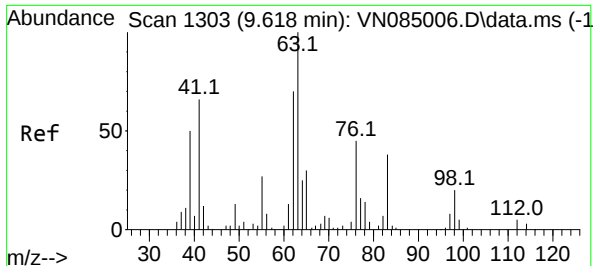
Tgt Ion: 43 Resp: 203017  
Ion Ratio Lower Upper  
43 100  
61 27.7 20.6 30.8  
87 13.7 11.0 16.4



#44  
Trichloroethene  
Concen: 54.222 ug/l  
RT: 9.347 min Scan# 1257  
Delta R.T. -0.000 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51

Tgt Ion:130 Resp: 101855  
Ion Ratio Lower Upper  
130 100  
95 98.4 0.0 213.4





#45

1,2-Dichloropropane

Concen: 53.172 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN085084.D

Acq: 04 Dec 2024 09:51

Instrument :

MSVOA\_N

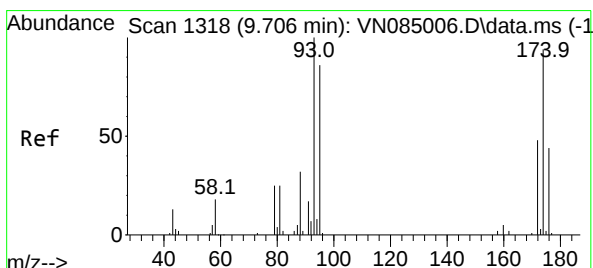
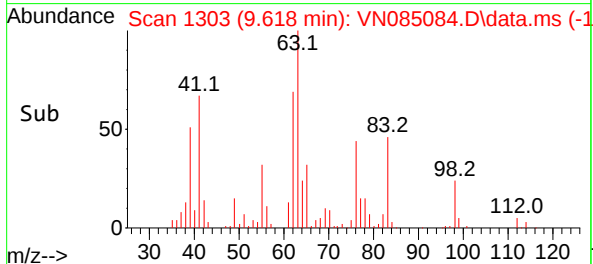
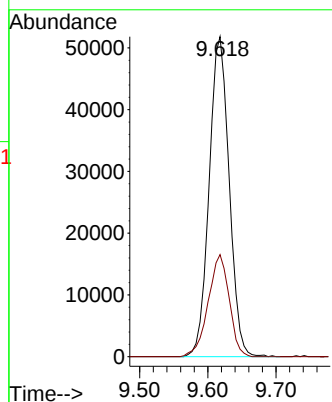
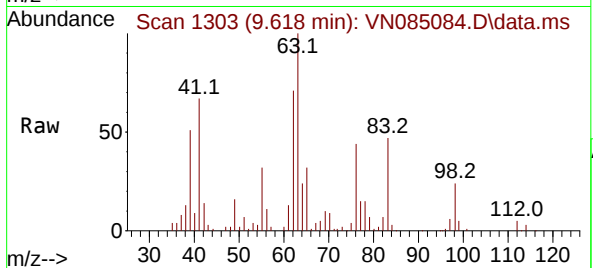
ClientSampleId :

Tgt Ion: 63 Resp: 105861

Ion Ratio Lower Upper

63 100

65 31.9 24.0 36.0



#46

Dibromomethane

Concen: 52.808 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN085084.D

Acq: 04 Dec 2024 09:51

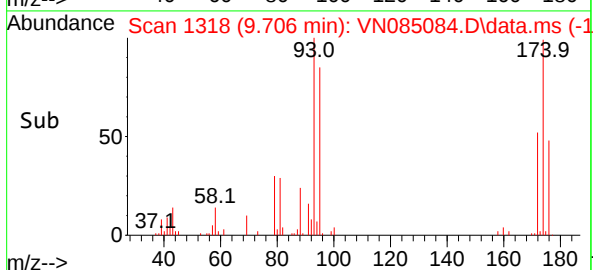
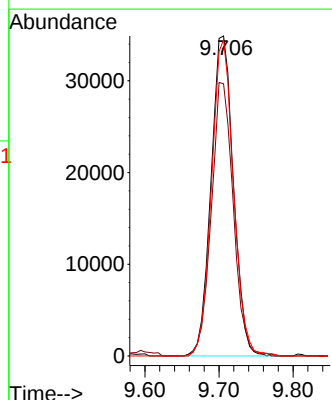
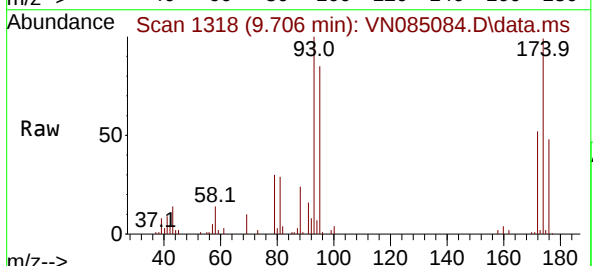
Tgt Ion: 93 Resp: 73055

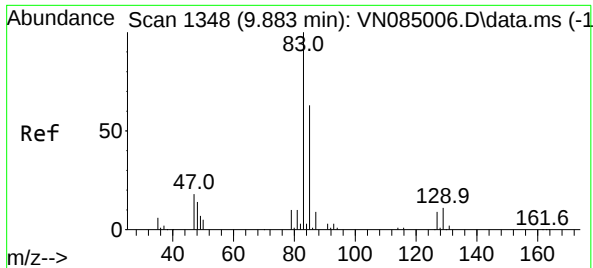
Ion Ratio Lower Upper

93 100

95 83.9 66.2 99.4

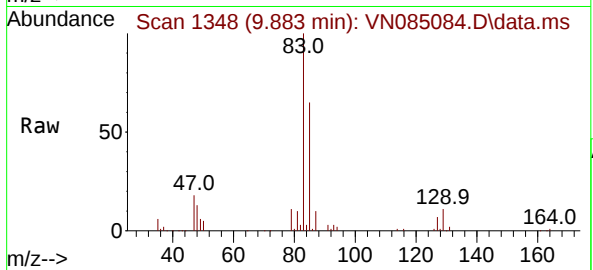
174 96.9 74.9 112.3



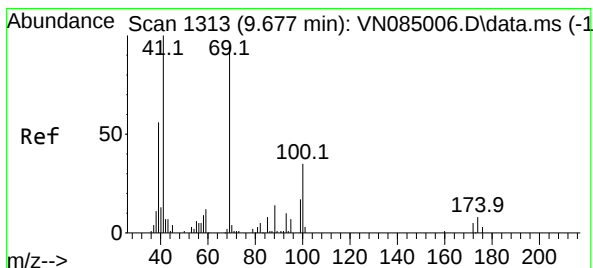
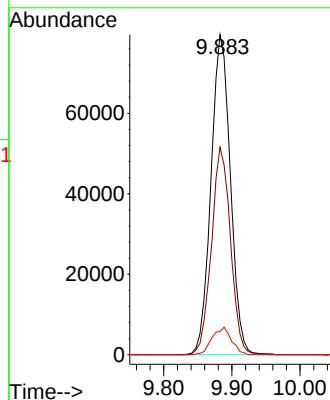
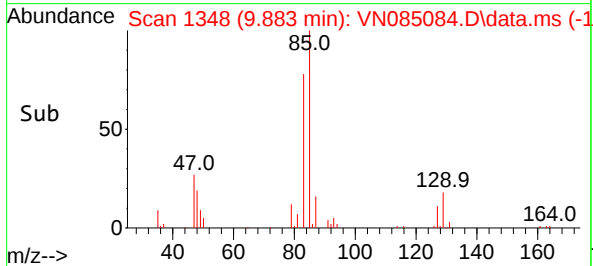


#47  
Bromodichloromethane  
Concen: 53.783 ug/l  
RT: 9.883 min Scan# 1348  
Delta R.T. -0.000 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51

Instrument :  
MSVOA\_N  
ClientSampleId :

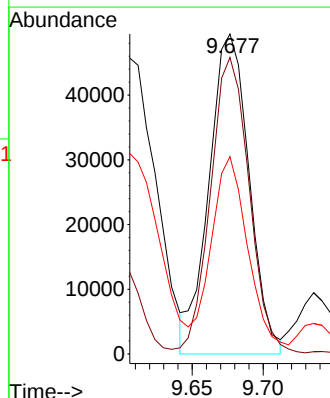
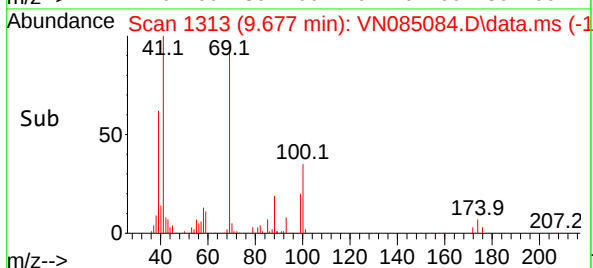
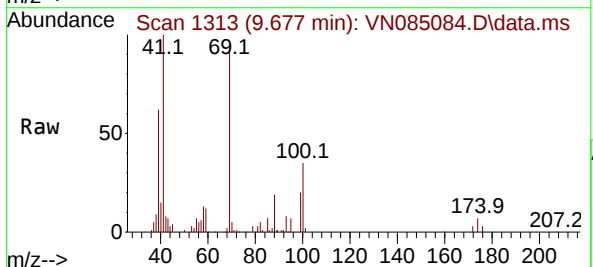


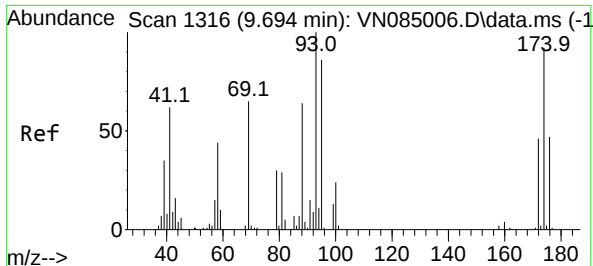
Tgt Ion: 83 Resp: 157695  
Ion Ratio Lower Upper  
83 100  
85 64.8 50.5 75.7  
127 7.3 7.1 10.7



#48  
Methyl methacrylate  
Concen: 54.015 ug/l  
RT: 9.677 min Scan# 1313  
Delta R.T. -0.000 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51

Tgt Ion: 41 Resp: 97005  
Ion Ratio Lower Upper  
41 100  
69 89.2 73.2 109.8  
39 57.7 46.2 69.4





#49

1,4-Dioxane

Concen: 1057.785 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.006 min

Lab File: VN085084.D

Acq: 04 Dec 2024 09:51

Instrument :

MSVOA\_N

ClientSampleId :

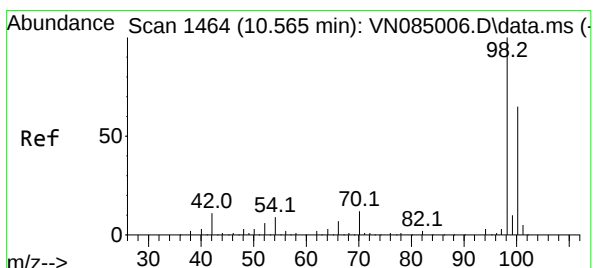
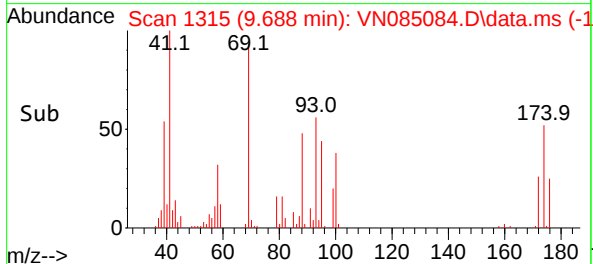
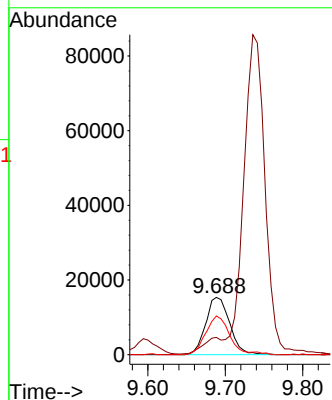
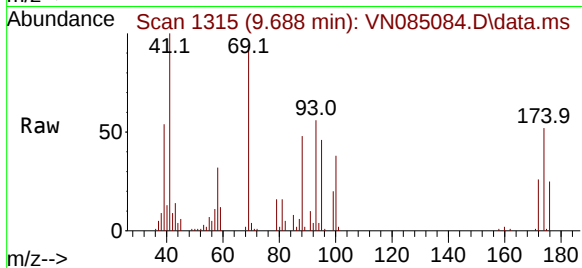
Tgt Ion: 88 Resp: 32944

Ion Ratio Lower Upper

88 100

43 22.6 16.7 25.1

58 68.1 56.5 84.7



#50

Toluene-d8

Concen: 53.797 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085084.D

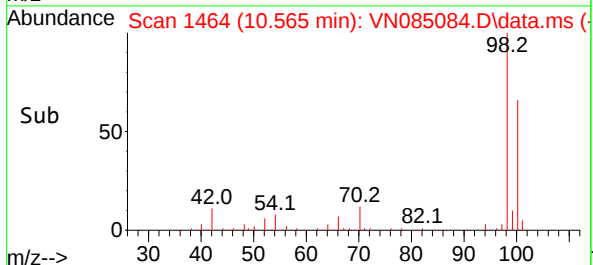
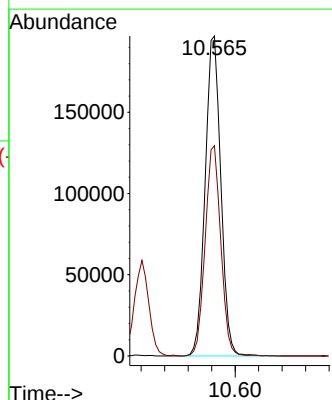
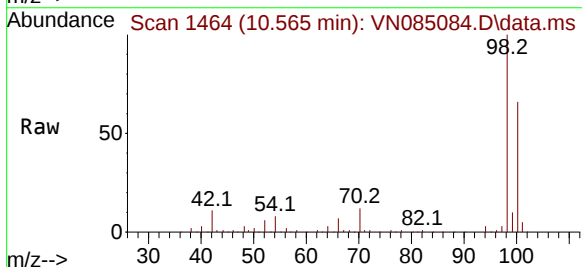
Acq: 04 Dec 2024 09:51

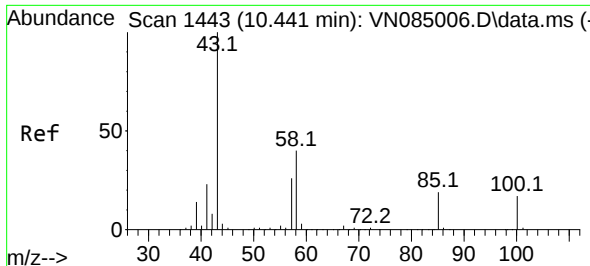
Tgt Ion: 98 Resp: 363771

Ion Ratio Lower Upper

98 100

100 65.5 52.5 78.7

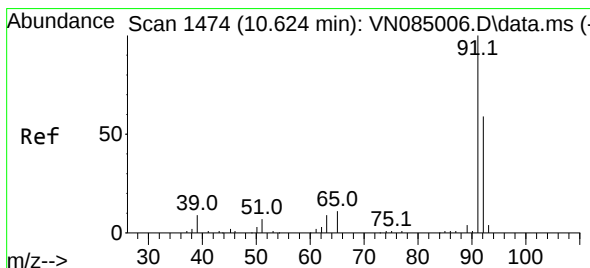
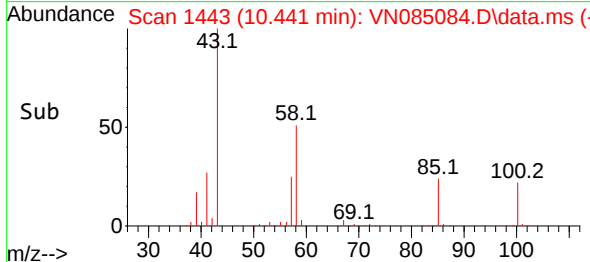
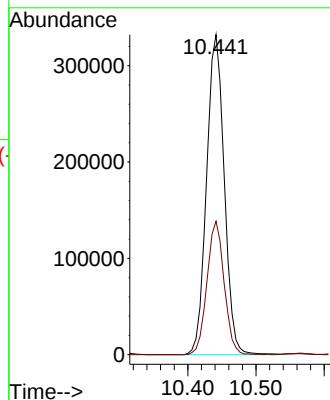
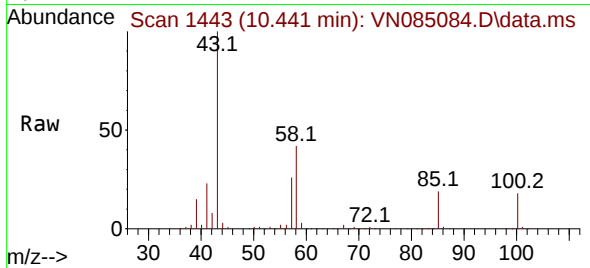




#51  
4-Methyl-2-Pentanone  
Concen: 272.294 ug/l  
RT: 10.441 min Scan# 1443  
Delta R.T. -0.000 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51

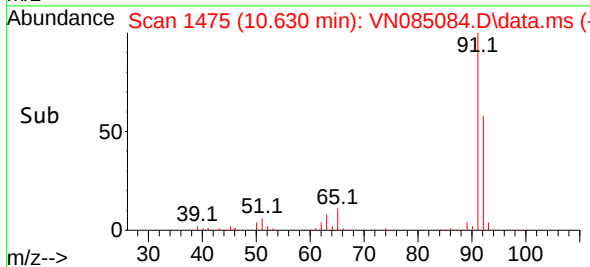
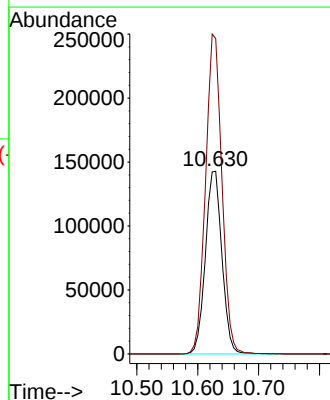
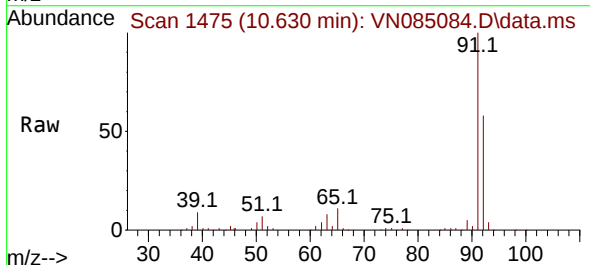
Instrument :  
MSVOA\_N  
ClientSampleId :

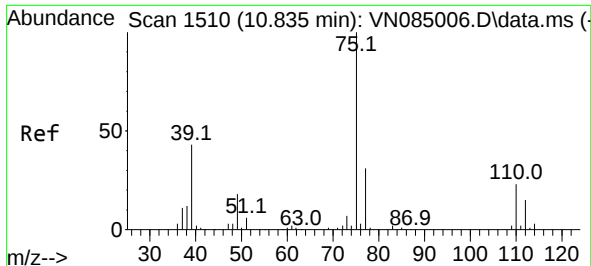
Tgt Ion: 43 Resp: 600232  
Ion Ratio Lower Upper  
43 100  
58 40.5 32.1 48.1



#52  
Toluene  
Concen: 56.211 ug/l  
RT: 10.630 min Scan# 1475  
Delta R.T. 0.006 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51

Tgt Ion: 92 Resp: 268984  
Ion Ratio Lower Upper  
92 100  
91 173.1 136.7 205.1

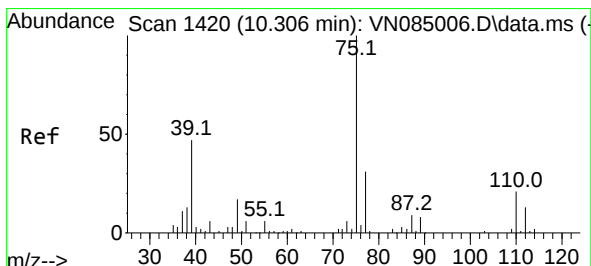
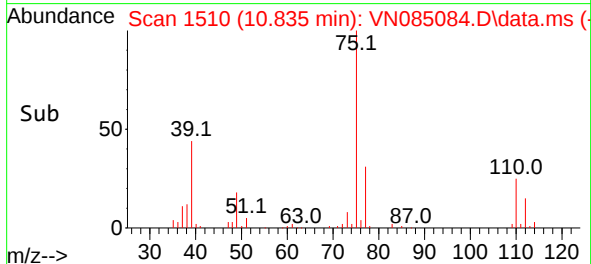
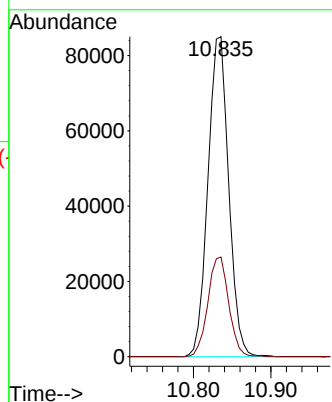
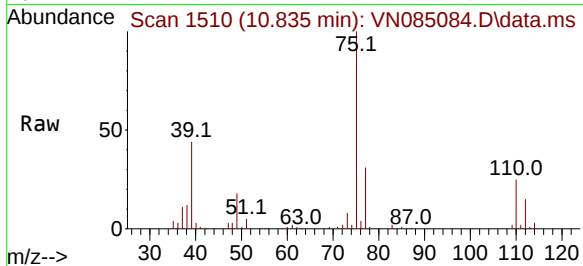




#53  
 t-1,3-Dichloropropene  
 Concen: 53.756 ug/l  
 RT: 10.835 min Scan# 1510  
 Delta R.T. -0.000 min  
 Lab File: VN085084.D  
 Acq: 04 Dec 2024 09:51

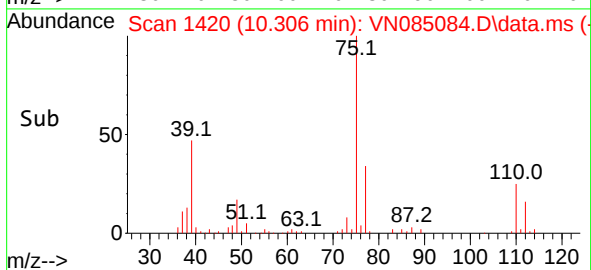
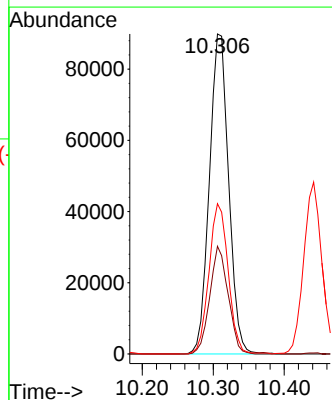
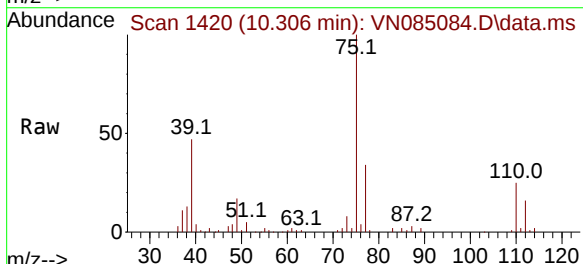
Instrument :  
 MSVOA\_N  
 ClientSampleId :

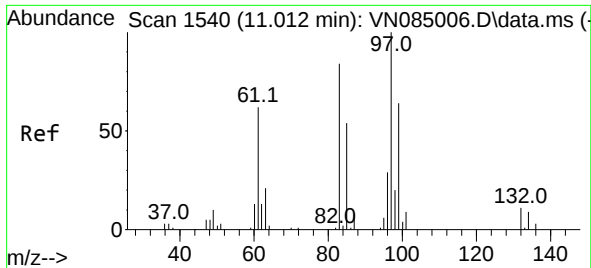
Tgt Ion: 75 Resp: 158019  
 Ion Ratio Lower Upper  
 75 100  
 77 31.1 25.0 37.4



#54  
 cis-1,3-Dichloropropene  
 Concen: 54.270 ug/l  
 RT: 10.306 min Scan# 1420  
 Delta R.T. -0.000 min  
 Lab File: VN085084.D  
 Acq: 04 Dec 2024 09:51

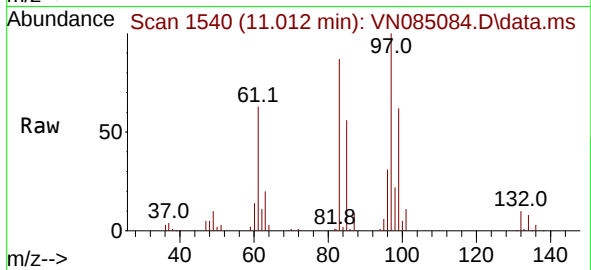
Tgt Ion: 75 Resp: 169242  
 Ion Ratio Lower Upper  
 75 100  
 77 33.7 25.0 37.4  
 39 47.0 37.6 56.4



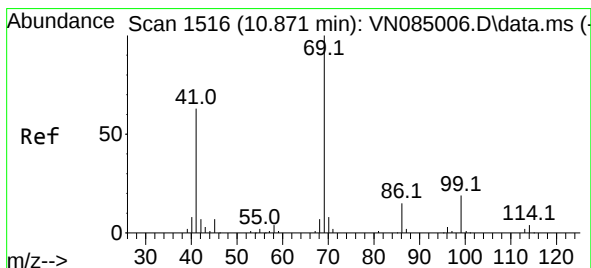
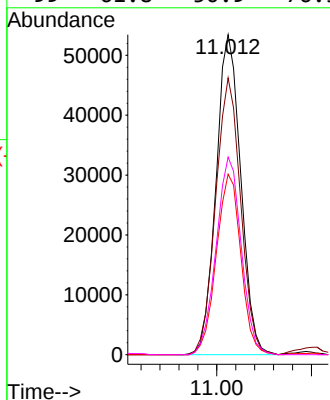
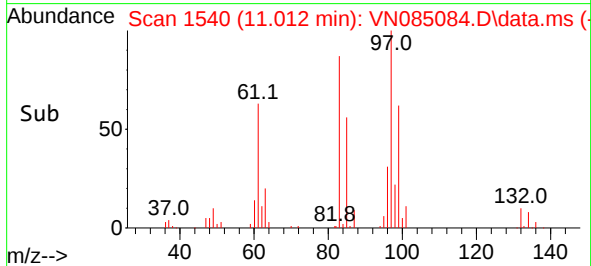


#55  
1,1,2-Trichloroethane  
Concen: 54.351 ug/l  
RT: 11.012 min Scan# 1540  
Delta R.T. -0.000 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51

Instrument :  
MSVOA\_N  
ClientSampleId :

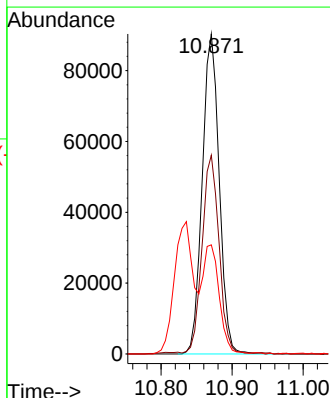
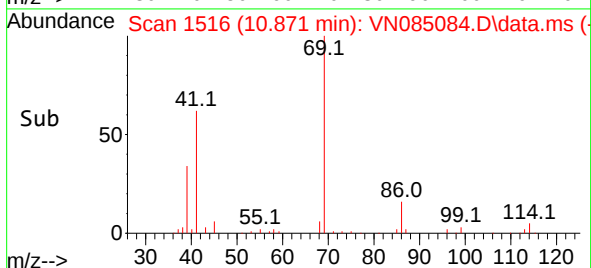
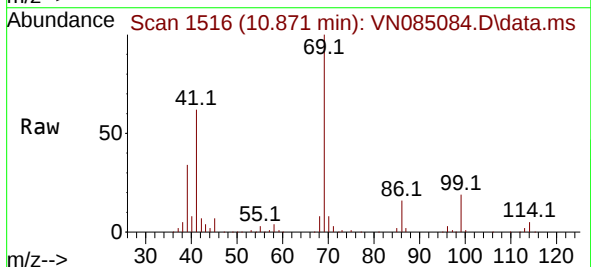


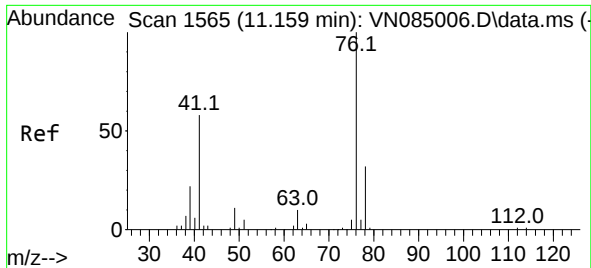
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 96875 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 86.5  | 67.4  | 101.2 |
| 85       | 56.4  | 43.1  | 64.7  |
| 99       | 61.8  | 50.9  | 76.3  |



#56  
Ethyl methacrylate  
Concen: 57.649 ug/l  
RT: 10.871 min Scan# 1516  
Delta R.T. -0.000 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 150149 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 61.5  | 50.0  | 75.0   |
| 39       | 32.1  | 27.0  | 40.6   |





#57

1,3-Dichloropropane

Concen: 53.689 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN085084.D

Acq: 04 Dec 2024 09:51

Instrument :

MSVOA\_N

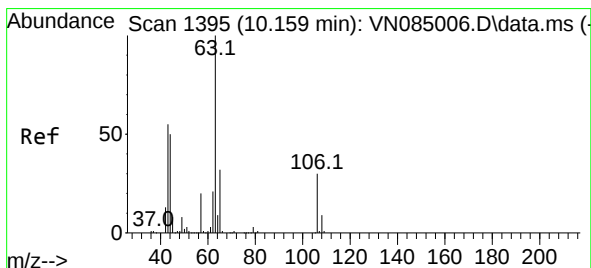
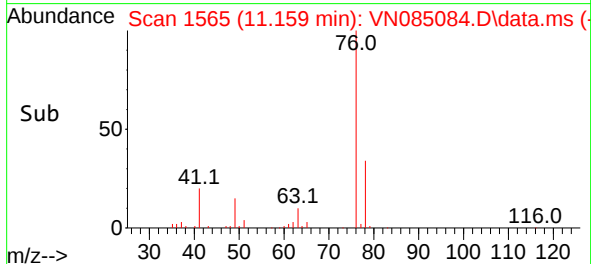
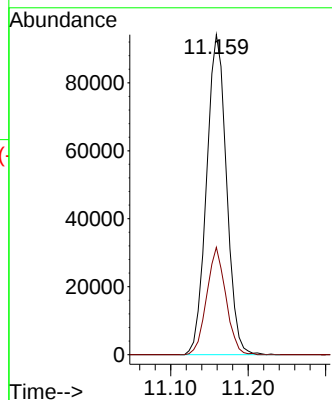
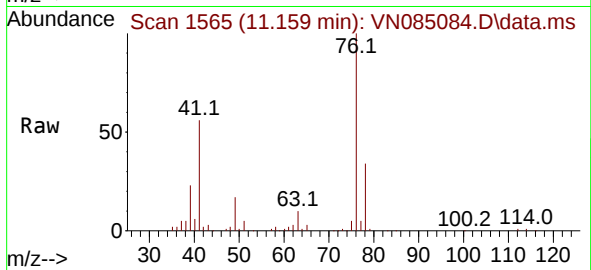
ClientSampleId :

Tgt Ion: 76 Resp: 168422

Ion Ratio Lower Upper

76 100

78 32.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 288.021 ug/l

RT: 10.153 min Scan# 1394

Delta R.T. -0.006 min

Lab File: VN085084.D

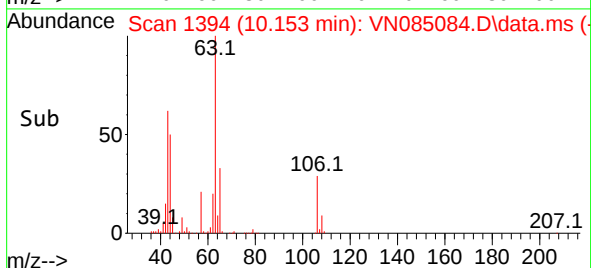
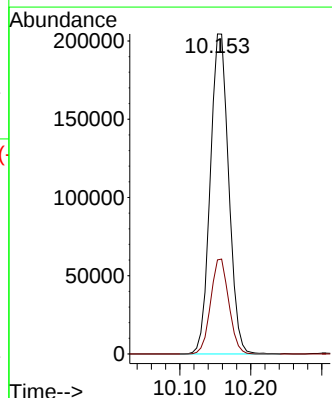
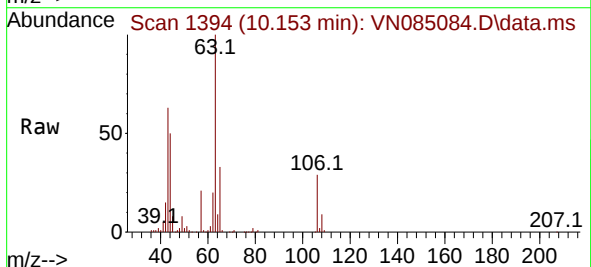
Acq: 04 Dec 2024 09:51

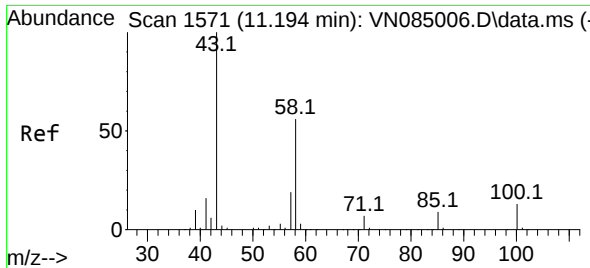
Tgt Ion: 63 Resp: 367974

Ion Ratio Lower Upper

63 100

106 29.2 23.0 34.6

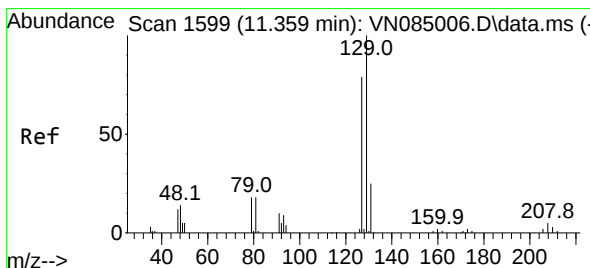
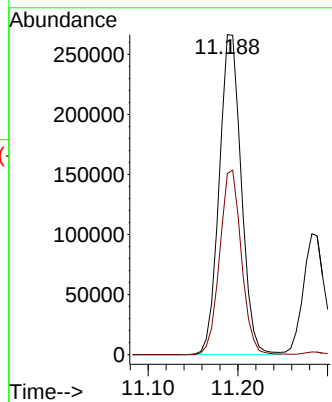
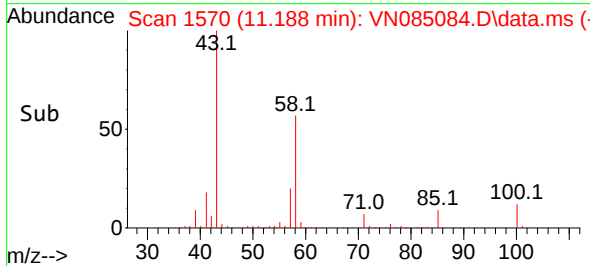
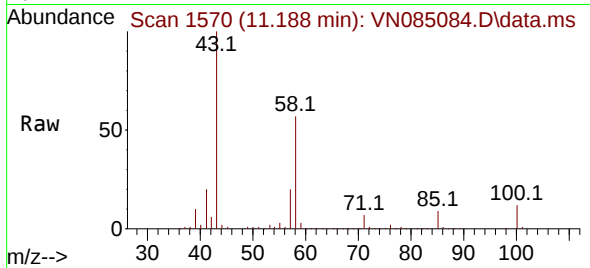




#59  
2-Hexanone  
Concen: 276.238 ug/l  
RT: 11.188 min Scan# 1570  
Delta R.T. -0.006 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51

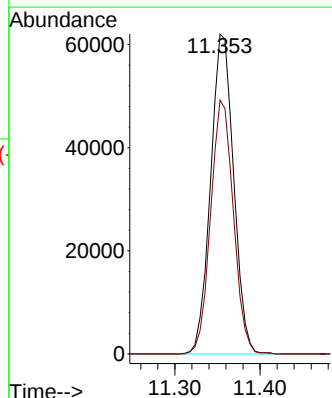
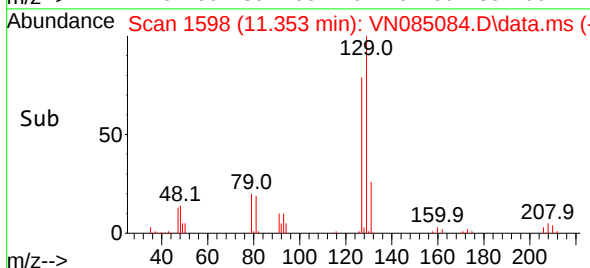
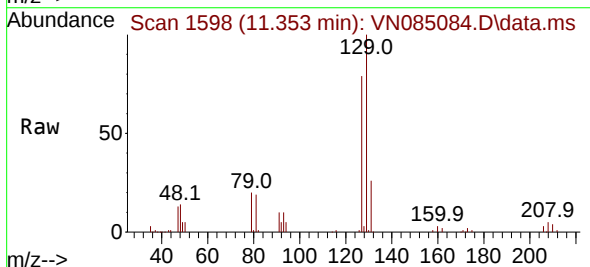
Instrument :  
MSVOA\_N  
ClientSampleId :

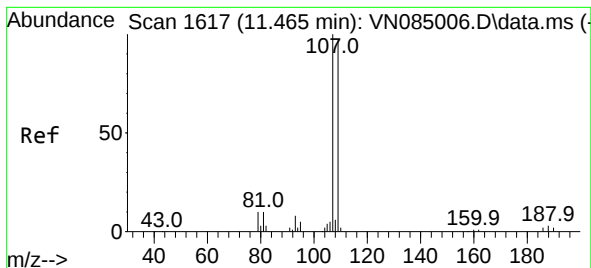
Tgt Ion: 43 Resp: 455418  
Ion Ratio Lower Upper  
43 100  
58 56.8 28.3 85.0



#60  
Dibromochloromethane  
Concen: 53.434 ug/l  
RT: 11.353 min Scan# 1598  
Delta R.T. -0.006 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51

Tgt Ion:129 Resp: 116398  
Ion Ratio Lower Upper  
129 100  
127 78.4 39.2 117.6

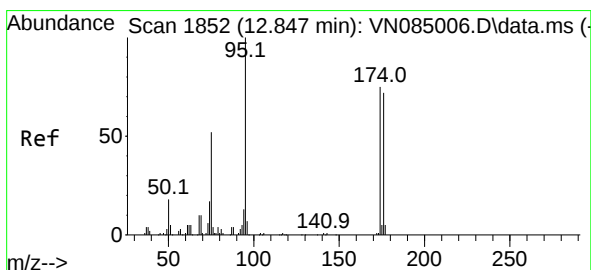
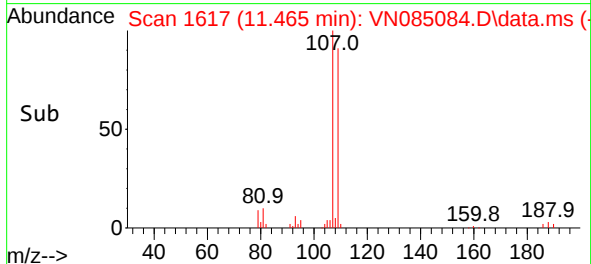
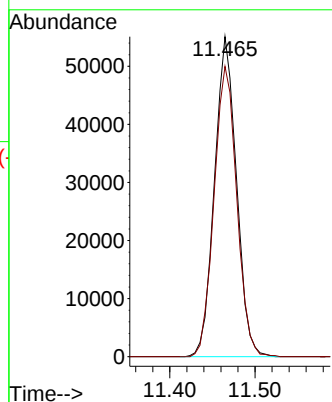
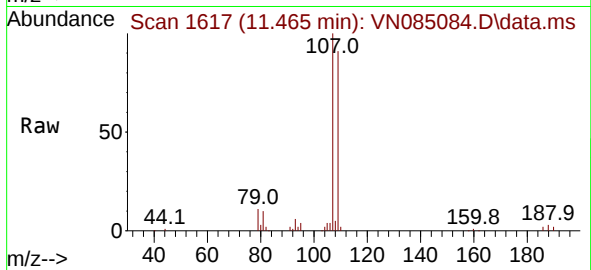




#61  
1,2-Dibromoethane  
Concen: 53.580 ug/l  
RT: 11.465 min Scan# 1617  
Delta R.T. -0.000 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51

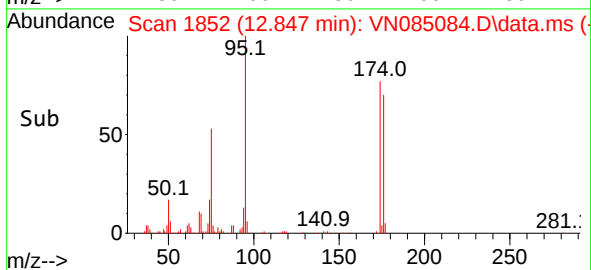
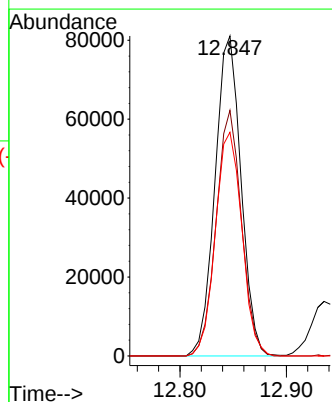
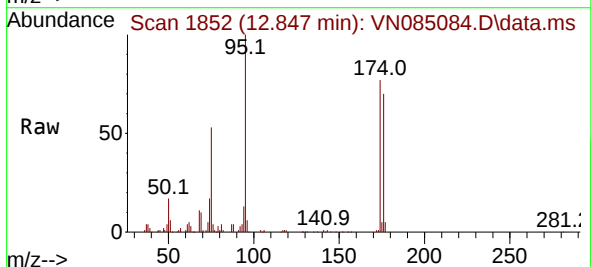
Instrument :  
MSVOA\_N  
ClientSampleId :

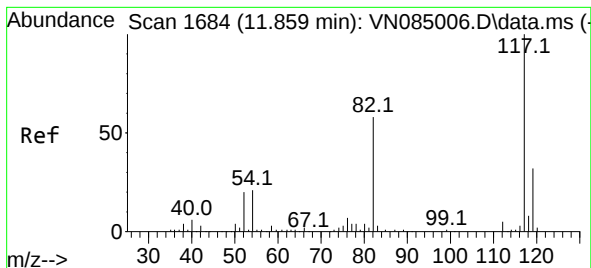
Tgt Ion:107 Resp: 98836  
Ion Ratio Lower Upper  
107 100  
109 93.8 76.1 114.1



#62  
4-Bromofluorobenzene  
Concen: 54.361 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51

Tgt Ion: 95 Resp: 137465  
Ion Ratio Lower Upper  
95 100  
174 75.0 0.0 146.6  
176 71.3 0.0 141.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085084.D

Acq: 04 Dec 2024 09:51

Instrument :

MSVOA\_N

ClientSampleId :

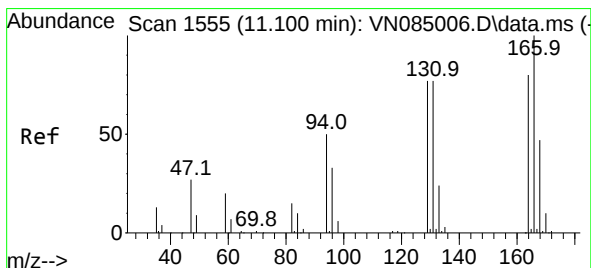
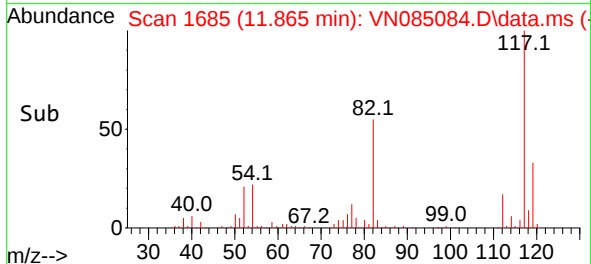
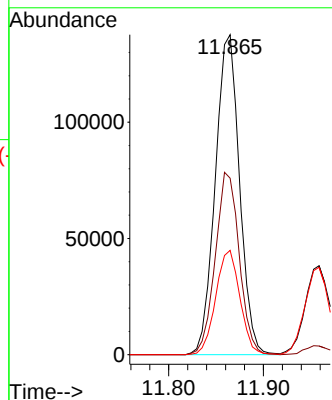
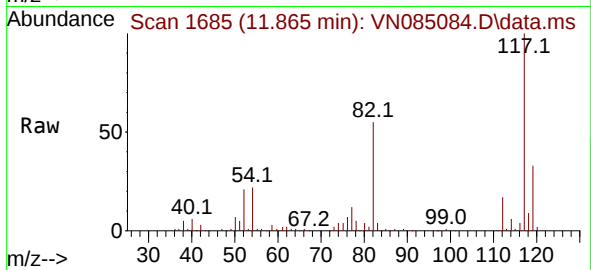
Tgt Ion:117 Resp: 245149

Ion Ratio Lower Upper

117 100

82 55.2 46.0 69.0

119 32.6 25.6 38.4



#64

Tetrachloroethene

Concen: 54.455 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VN085084.D

Acq: 04 Dec 2024 09:51

Tgt Ion:164 Resp: 89953

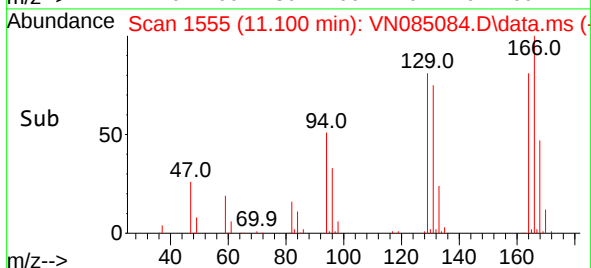
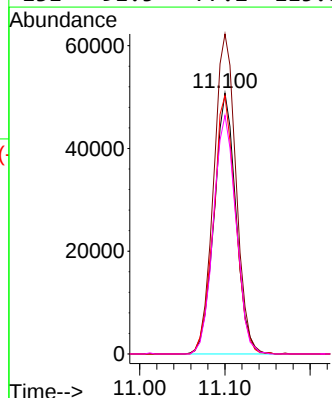
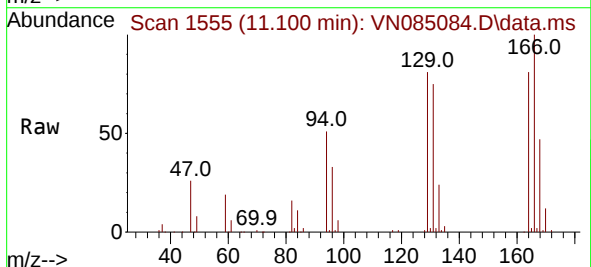
Ion Ratio Lower Upper

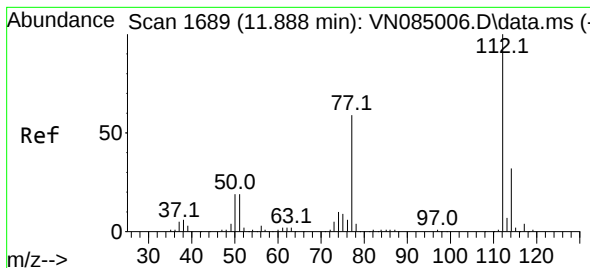
164 100

166 122.7 100.6 151.0

129 99.0 77.7 116.5

131 91.5 77.2 115.8





#65

Chlorobenzene

Concen: 51.624 ug/l

RT: 11.888 min Scan# 112

Delta R.T. -0.000 min

Lab File: VN085084.D

Acq: 04 Dec 2024 09:51

Instrument :

MSVOA\_N

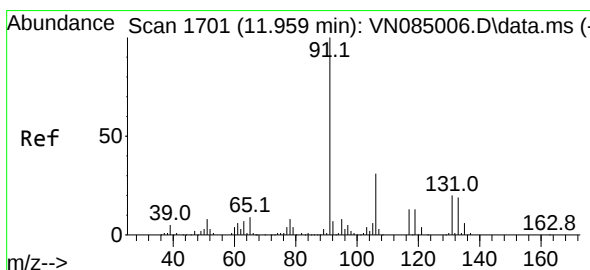
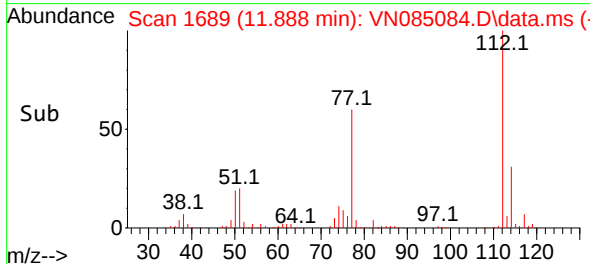
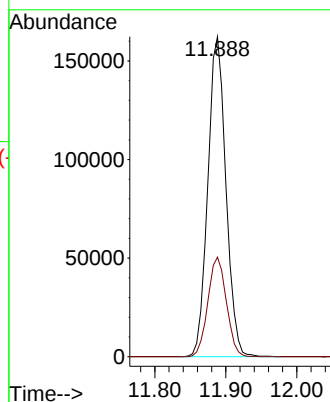
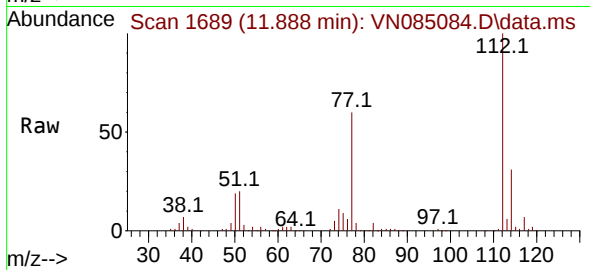
ClientSampleId :

Tgt Ion:112 Resp: 287016

Ion Ratio Lower Upper

112 100

114 31.1 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 54.373 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN085084.D

Acq: 04 Dec 2024 09:51

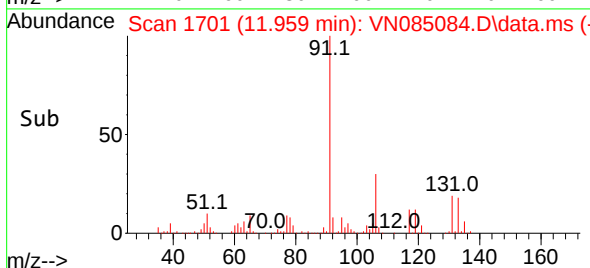
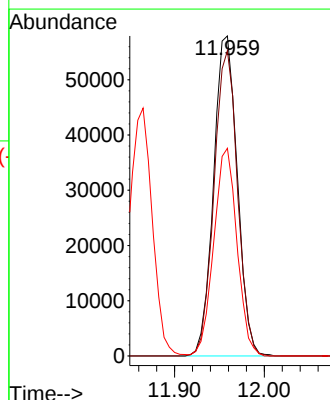
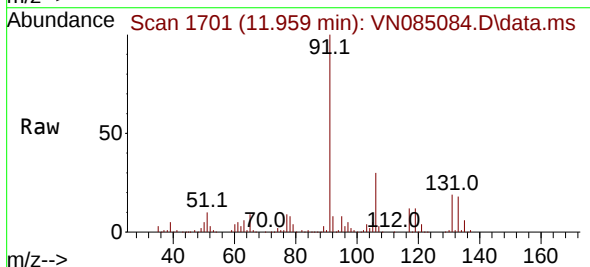
Tgt Ion:131 Resp: 106434

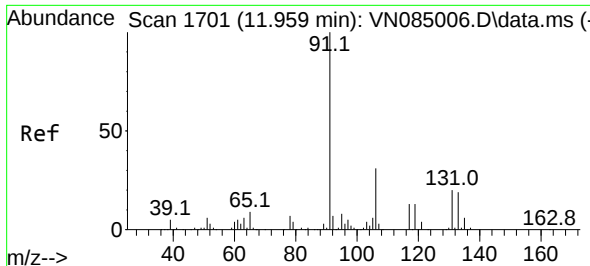
Ion Ratio Lower Upper

131 100

133 94.2 47.8 143.4

119 63.4 32.1 96.3

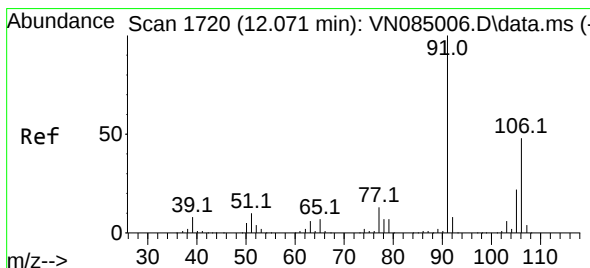
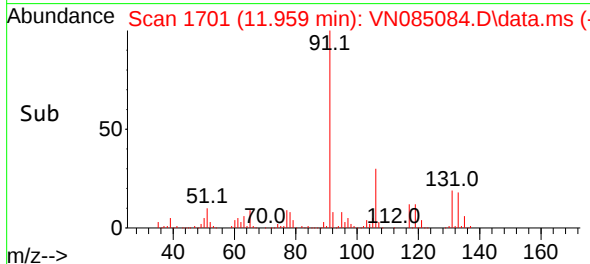
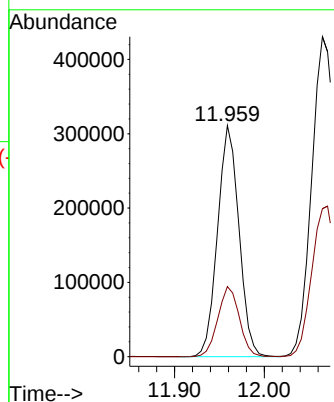
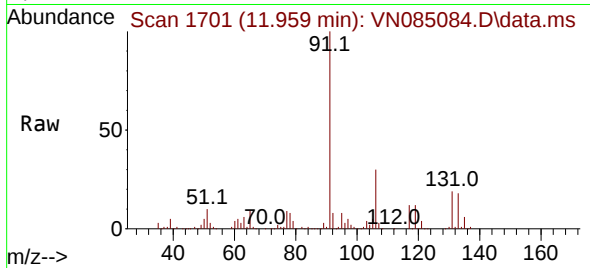




#67  
Ethyl Benzene  
Concen: 57.021 ug/l  
RT: 11.959 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51

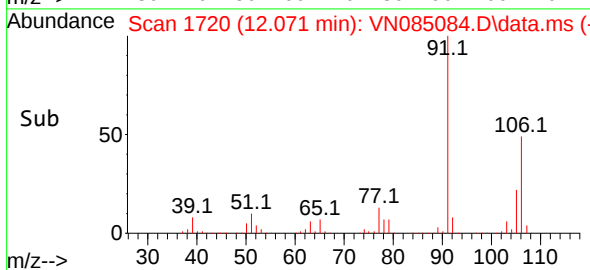
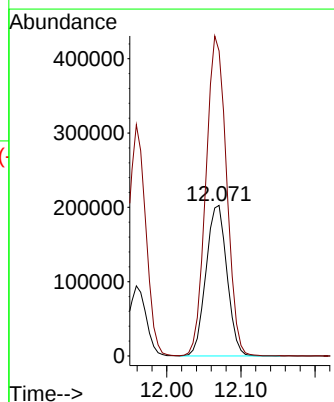
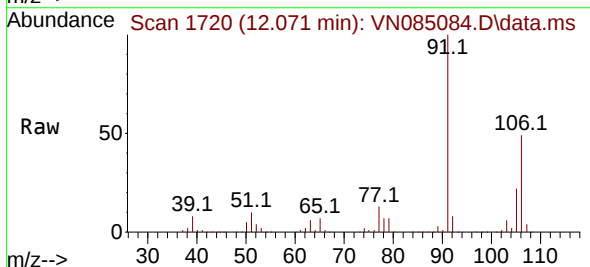
Instrument :  
MSVOA\_N  
ClientSampleId :

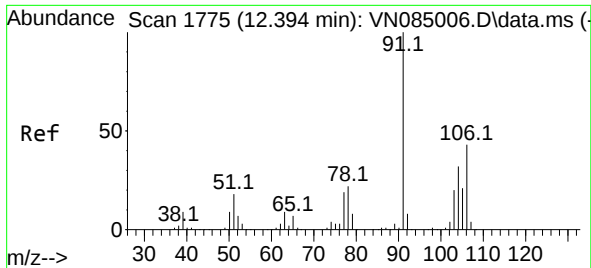
Tgt Ion: 91 Resp: 514328  
Ion Ratio Lower Upper  
91 100  
106 30.3 24.7 37.1



#68  
m/p-Xylenes  
Concen: 116.086 ug/l  
RT: 12.071 min Scan# 1720  
Delta R.T. -0.000 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51

Tgt Ion:106 Resp: 398644  
Ion Ratio Lower Upper  
106 100  
91 209.0 168.0 252.0

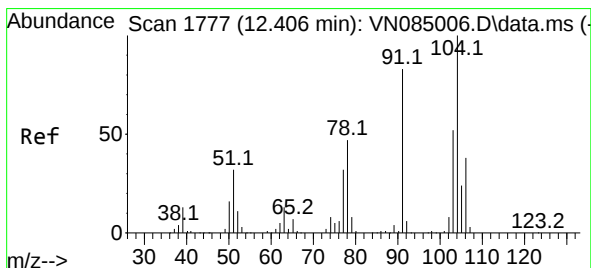
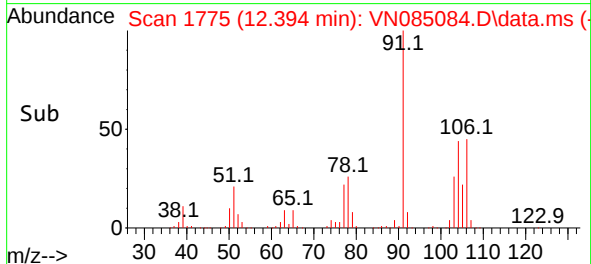
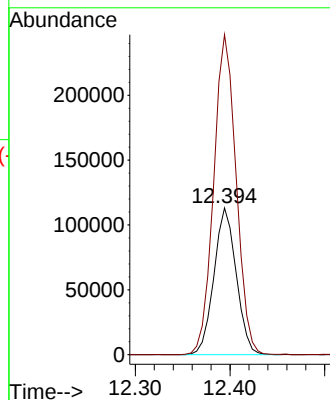
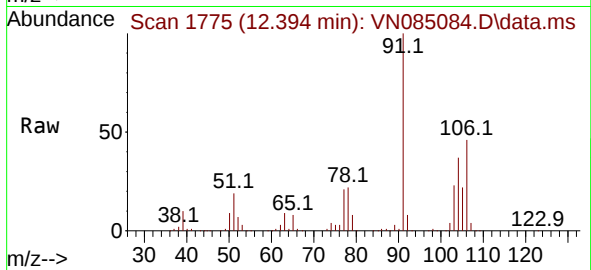




#69  
o-Xylene  
Concen: 56.698 ug/l  
RT: 12.394 min Scan# 1775  
Delta R.T. -0.000 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51

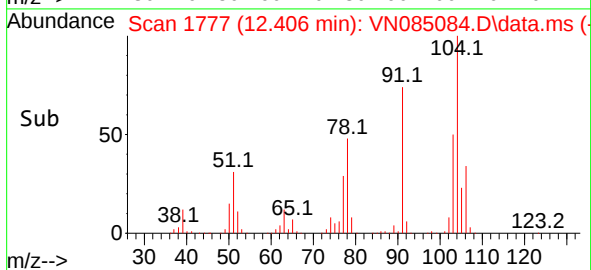
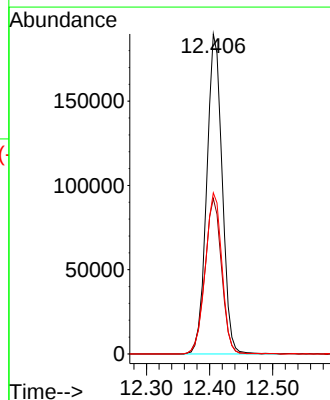
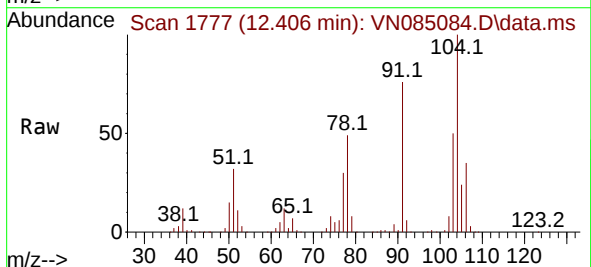
Instrument :  
MSVOA\_N  
ClientSampleId :

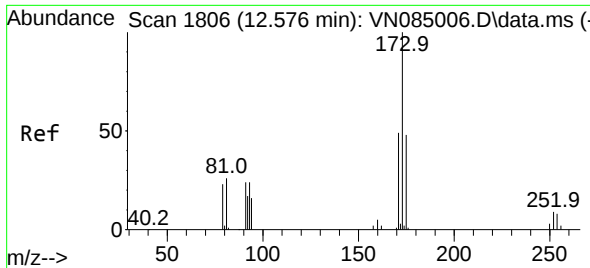
Tgt Ion:106 Resp: 185209  
Ion Ratio Lower Upper  
106 100  
91 220.2 110.7 331.9



#70  
Styrene  
Concen: 59.382 ug/l  
RT: 12.406 min Scan# 1777  
Delta R.T. -0.000 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51

Tgt Ion:104 Resp: 322581  
Ion Ratio Lower Upper  
104 100  
78 52.3 42.3 63.5  
103 54.1 44.2 66.2

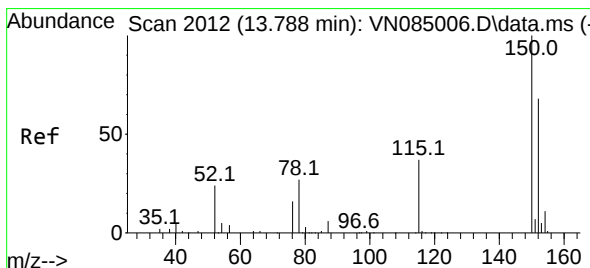
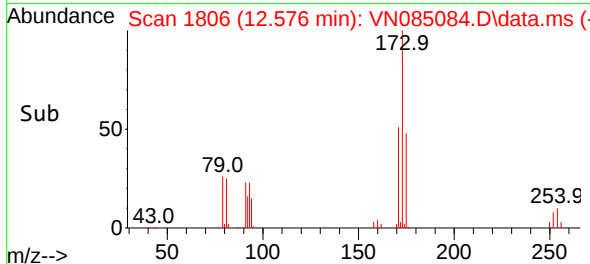
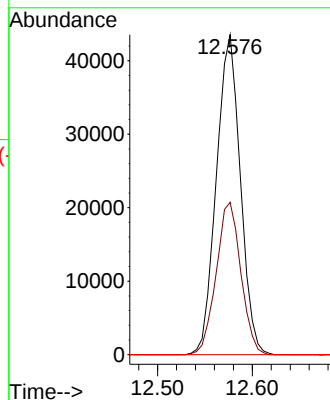
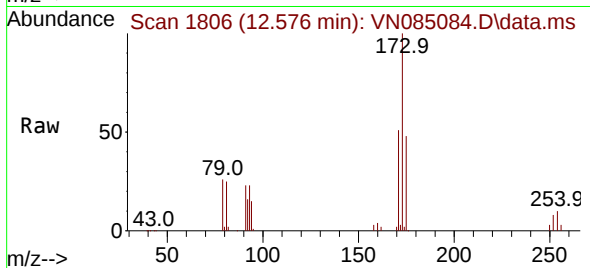




#71  
Bromoform  
Concen: 52.681 ug/l  
RT: 12.576 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51

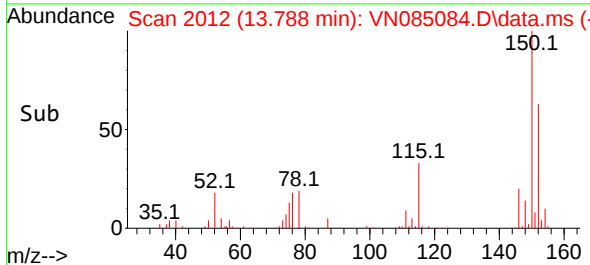
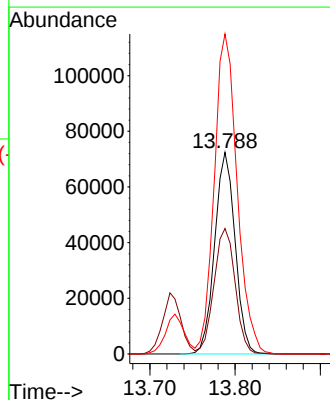
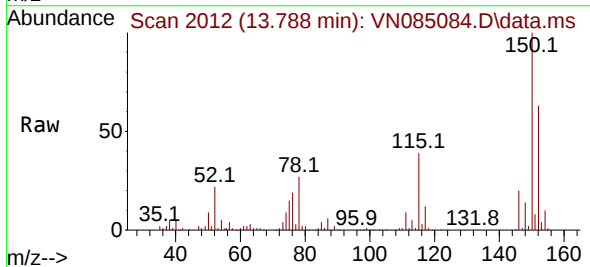
Instrument :  
MSVOA\_N  
ClientSampleId :

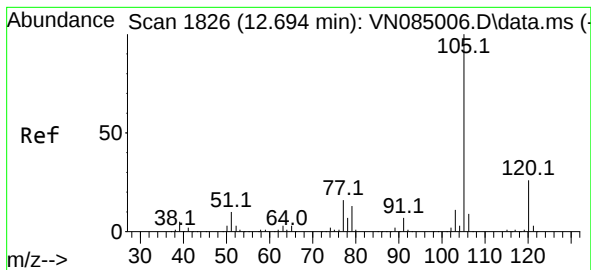
Tgt Ion:173 Resp: 76547  
Ion Ratio Lower Upper  
173 100  
175 49.0 23.8 71.2  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.788 min Scan# 2012  
Delta R.T. -0.000 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51

Tgt Ion:152 Resp: 120683  
Ion Ratio Lower Upper  
152 100  
115 64.6 31.7 95.1  
150 177.8 0.0 351.4





#73

Isopropylbenzene

Concen: 56.804 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN085084.D

Acq: 04 Dec 2024 09:51

Instrument :

MSVOA\_N

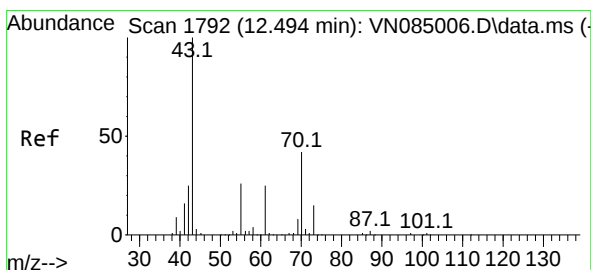
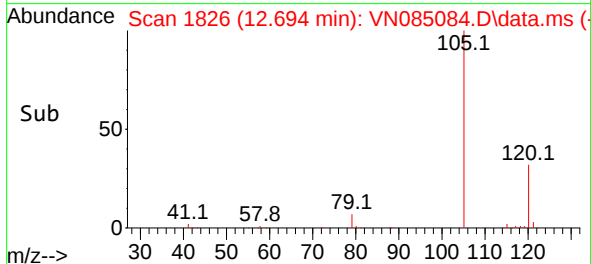
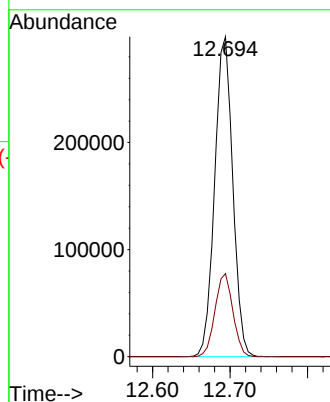
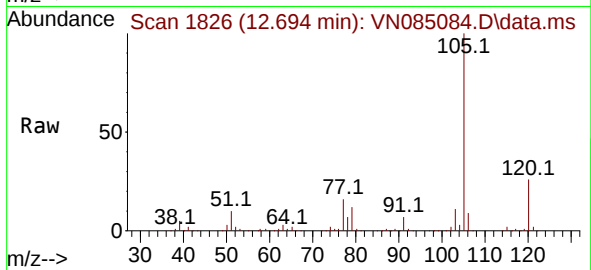
ClientSampleId :

Tgt Ion:105 Resp: 483613

Ion Ratio Lower Upper

105 100

120 25.7 13.0 39.0



#74

N-ethyl acetate

Concen: 50.241 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. -0.006 min

Lab File: VN085084.D

Acq: 04 Dec 2024 09:51

Tgt Ion: 43 Resp: 176259

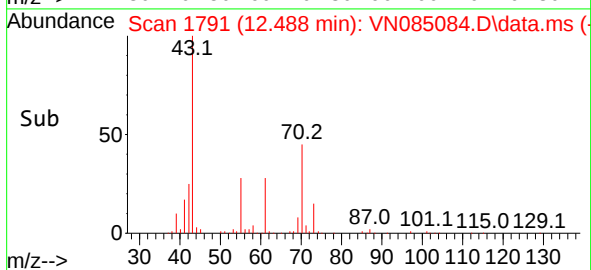
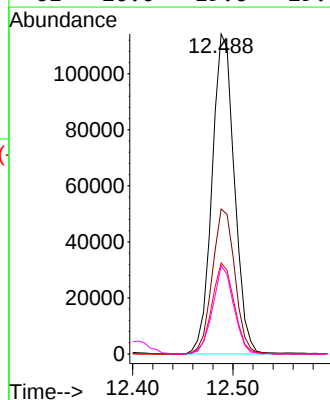
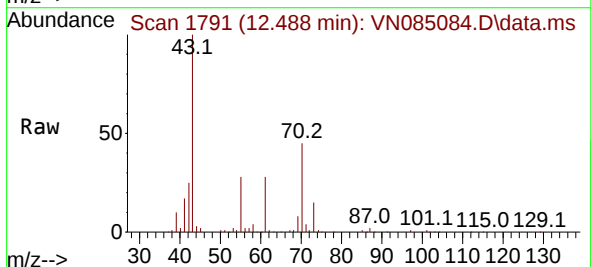
Ion Ratio Lower Upper

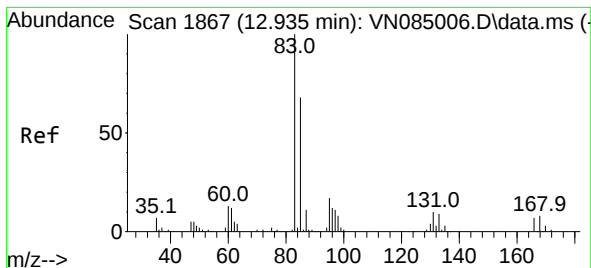
43 100

70 45.7 34.6 51.8

55 28.4 20.5 30.7

61 26.0 19.6 29.4

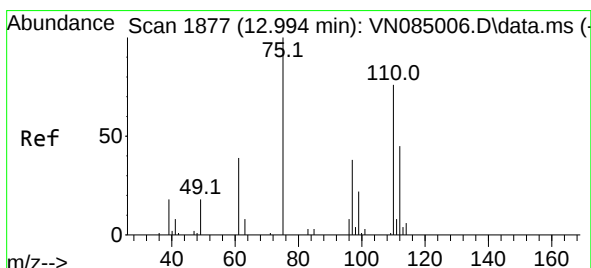
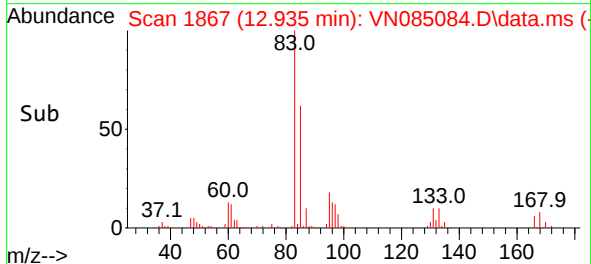
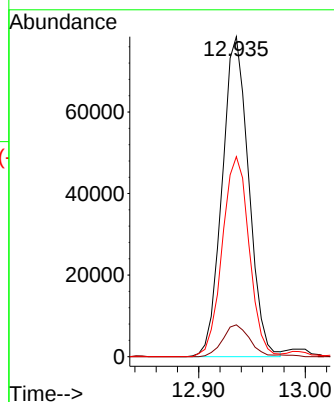
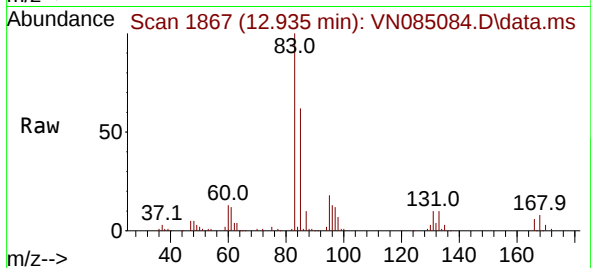




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 46.696 ug/l  
 RT: 12.935 min Scan# 1867  
 Delta R.T. -0.000 min  
 Lab File: VN085084.D  
 Acq: 04 Dec 2024 09:51

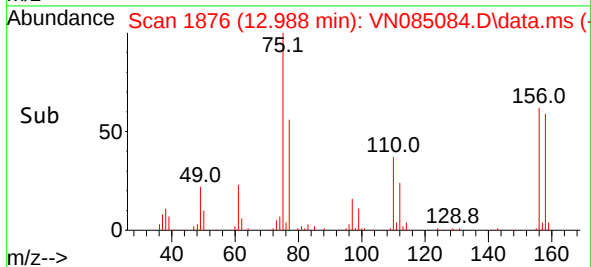
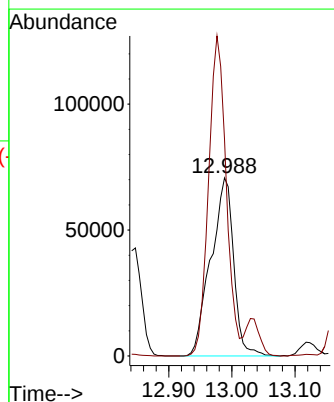
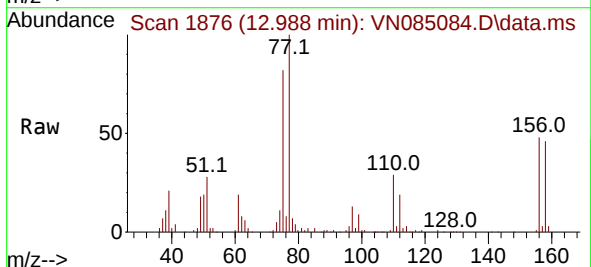
Instrument :  
 MSVOA\_N  
 ClientSampleId :

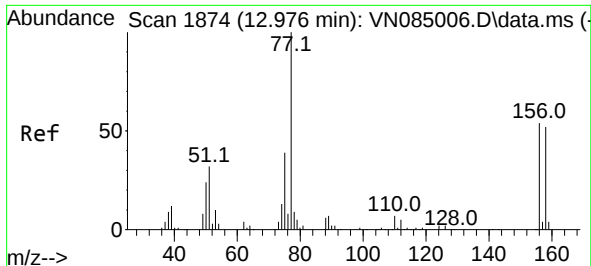
Tgt Ion: 83 Resp: 135757  
 Ion Ratio Lower Upper  
 83 100  
 131 10.5 5.1 15.4  
 85 63.2 32.1 96.3



#76  
 1,2,3-Trichloropropane  
 Concen: 80.725 ug/l  
 RT: 12.988 min Scan# 1876  
 Delta R.T. -0.006 min  
 Lab File: VN085084.D  
 Acq: 04 Dec 2024 09:51

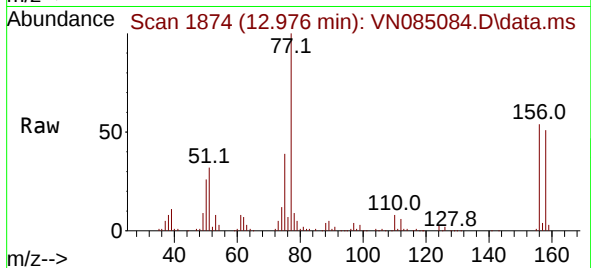
Tgt Ion: 75 Resp: 177202  
 Ion Ratio Lower Upper  
 75 100  
 77 139.0 109.1 327.4



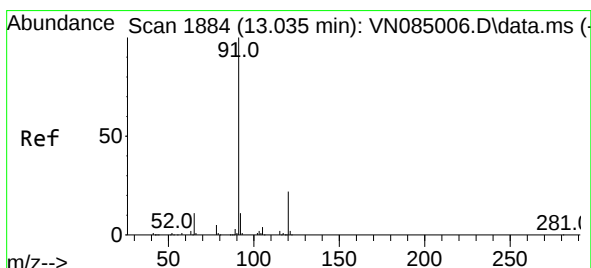
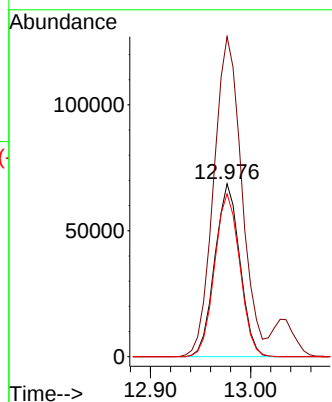
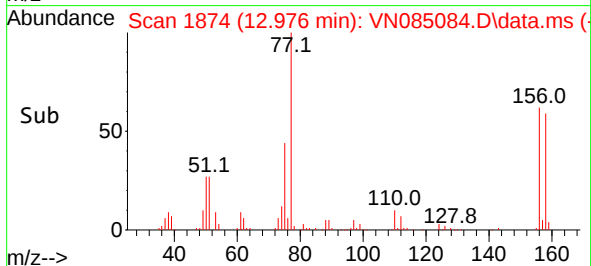


#77  
Bromobenzene  
Concen: 51.983 ug/l  
RT: 12.976 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51

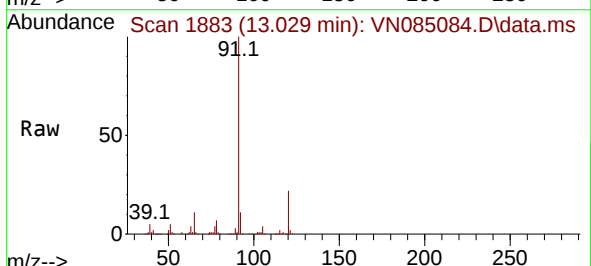
Instrument :  
MSVOA\_N  
ClientSampleId :



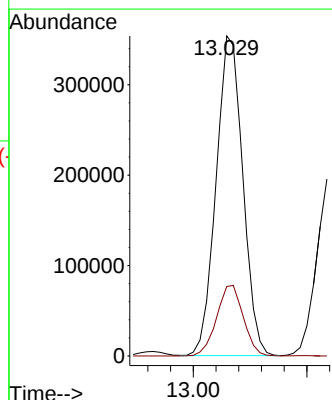
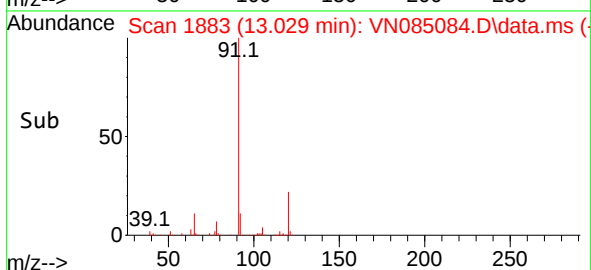
Tgt Ion:156 Resp: 119099  
Ion Ratio Lower Upper  
156 100  
77 206.8 107.2 321.6  
158 94.7 48.5 145.6

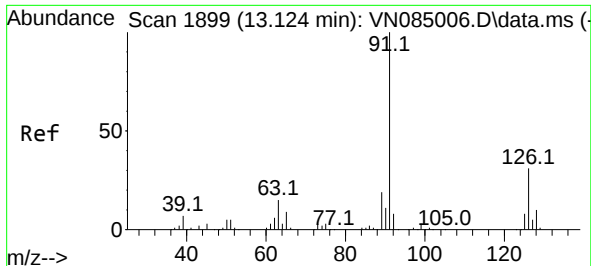


#78  
n-propylbenzene  
Concen: 58.869 ug/l  
RT: 13.029 min Scan# 1883  
Delta R.T. -0.006 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51



Tgt Ion: 91 Resp: 578086  
Ion Ratio Lower Upper  
91 100  
120 22.1 11.3 33.9

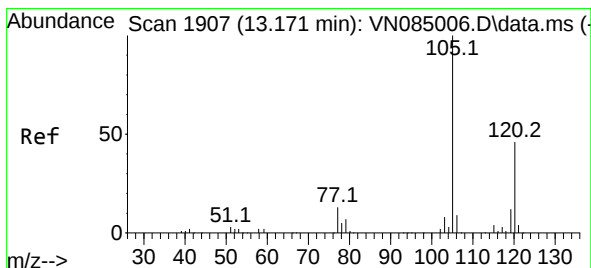
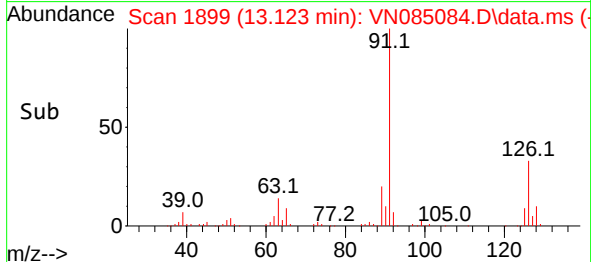
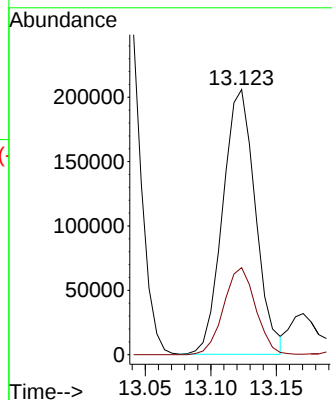
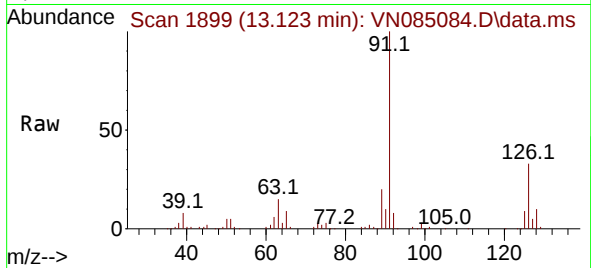




#79  
2-Chlorotoluene  
Concen: 54.537 ug/l  
RT: 13.123 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51

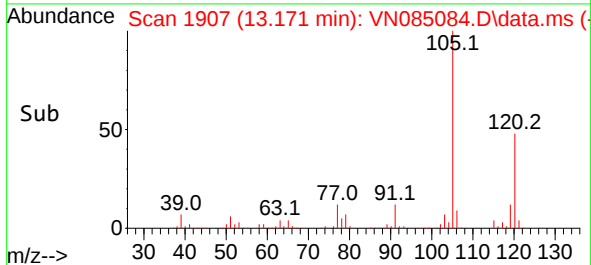
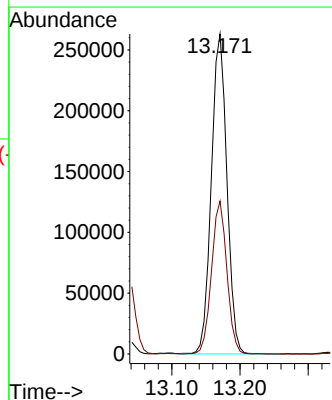
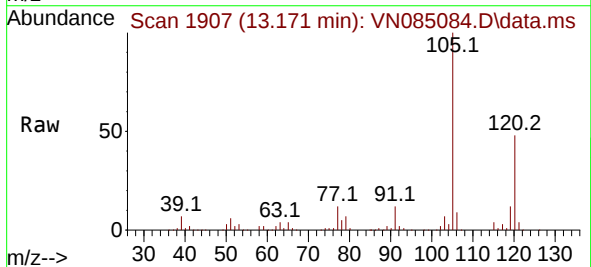
Instrument :  
MSVOA\_N  
ClientSampleId :

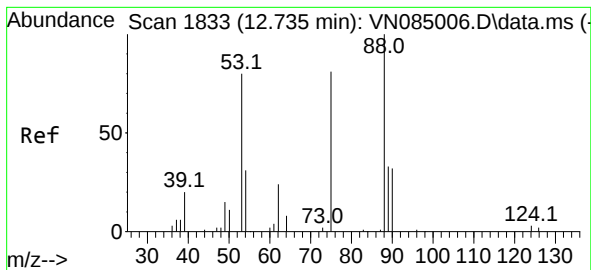
Tgt Ion: 91 Resp: 357502  
Ion Ratio Lower Upper  
91 100  
126 32.1 16.1 48.3



#80  
1,3,5-Trimethylbenzene  
Concen: 58.550 ug/l  
RT: 13.171 min Scan# 1907  
Delta R.T. -0.000 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51

Tgt Ion: 105 Resp: 418290  
Ion Ratio Lower Upper  
105 100  
120 47.1 23.6 71.0

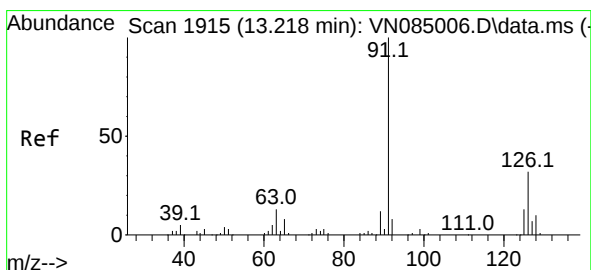
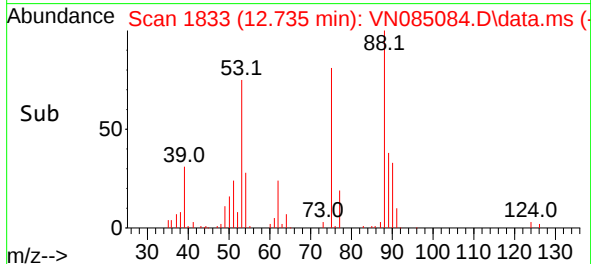
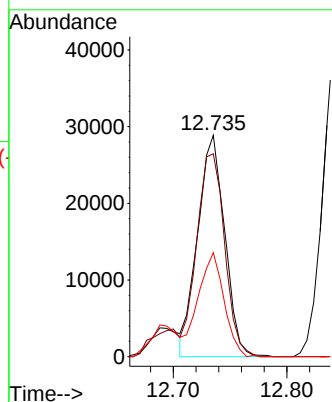
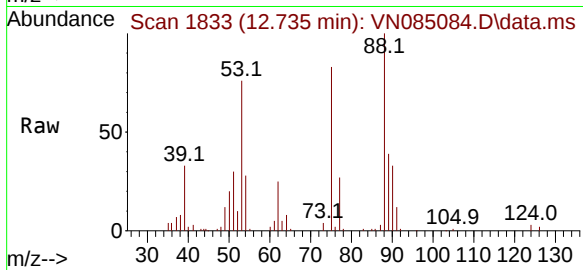




#81  
trans-1,4-Dichloro-2-butene  
Concen: 48.071 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. -0.000 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51

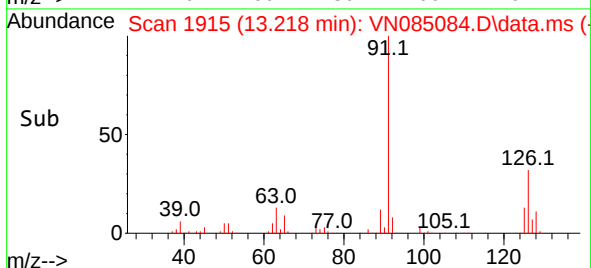
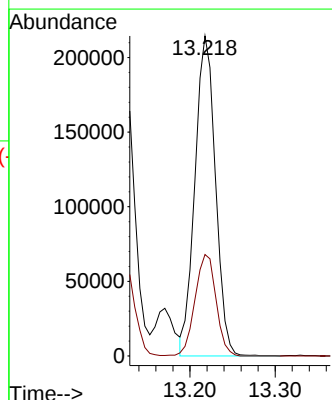
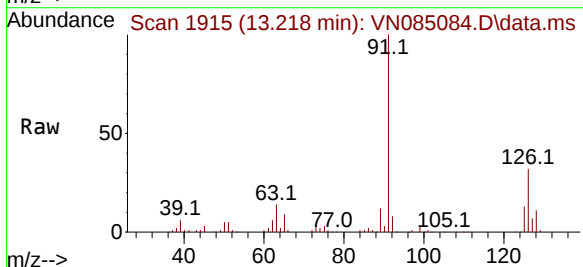
Instrument :  
MSVOA\_N  
ClientSampleId :

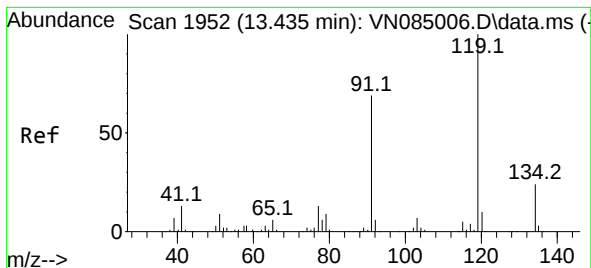
Tgt Ion: 75 Resp: 47800  
Ion Ratio Lower Upper  
75 100  
53 107.8 78.2 117.4  
89 45.4 37.9 56.9



#82  
4-Chlorotoluene  
Concen: 52.568 ug/l  
RT: 13.218 min Scan# 1915  
Delta R.T. -0.000 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51

Tgt Ion: 91 Resp: 358728  
Ion Ratio Lower Upper  
91 100  
126 32.5 16.1 48.3





#83

tert-Butylbenzene

Concen: 55.565 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VN085084.D

Acq: 04 Dec 2024 09:51

Instrument :

MSVOA\_N

ClientSampleId :

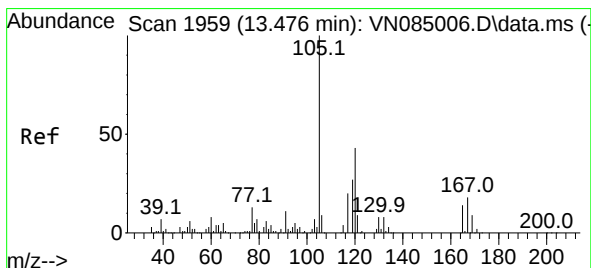
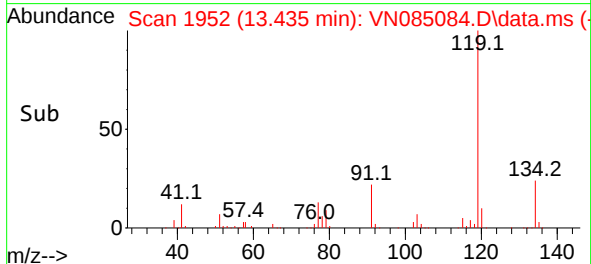
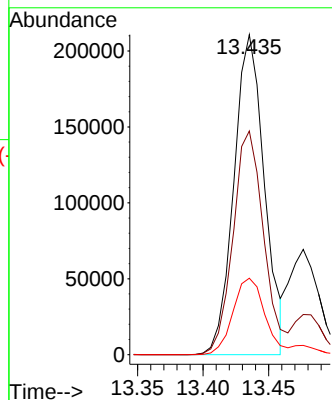
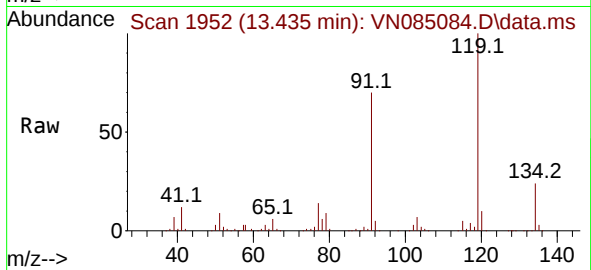
Tgt Ion:119 Resp: 341552

Ion Ratio Lower Upper

119 100

91 70.8 35.1 105.5

134 25.0 12.1 36.3



#84

1,2,4-Trimethylbenzene

Concen: 56.791 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.000 min

Lab File: VN085084.D

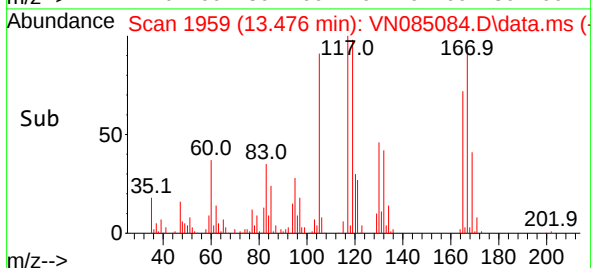
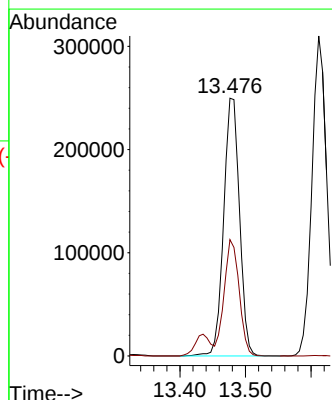
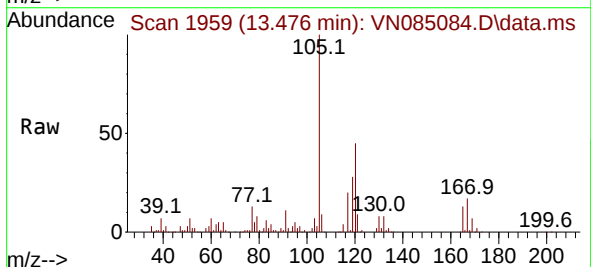
Acq: 04 Dec 2024 09:51

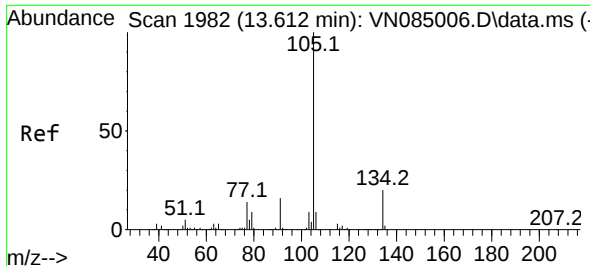
Tgt Ion:105 Resp: 417631

Ion Ratio Lower Upper

105 100

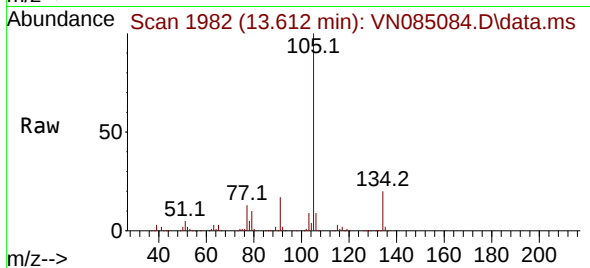
120 42.6 21.8 65.4



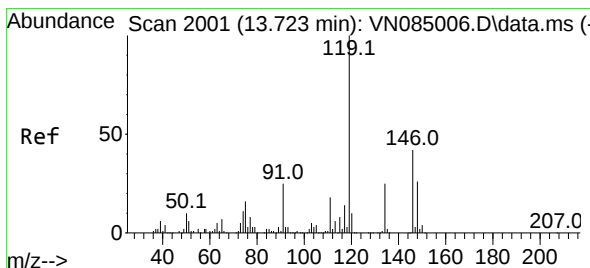
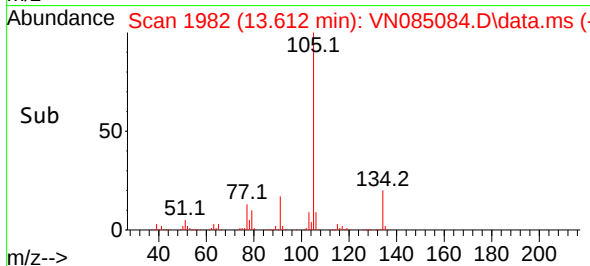
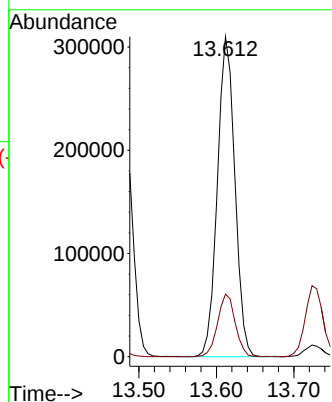


#85  
sec-Butylbenzene  
Concen: 58.655 ug/l  
RT: 13.612 min Scan# 1982  
Delta R.T. -0.000 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51

Instrument :  
MSVOA\_N  
ClientSampleId :

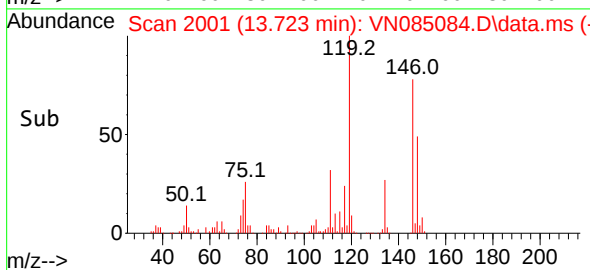
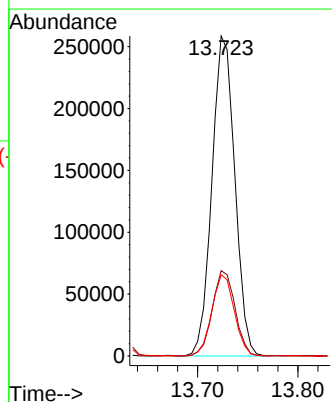
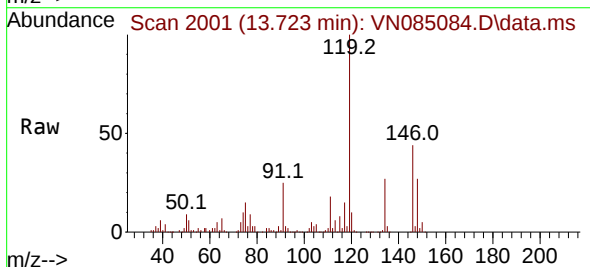


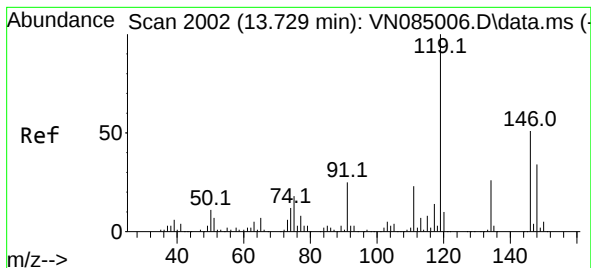
Tgt Ion:105 Resp: 487048  
Ion Ratio Lower Upper  
105 100  
134 19.7 9.8 29.3



#86  
p-Isopropyltoluene  
Concen: 59.772 ug/l  
RT: 13.723 min Scan# 2001  
Delta R.T. -0.000 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51

Tgt Ion:119 Resp: 409714  
Ion Ratio Lower Upper  
119 100  
134 26.4 13.0 39.0  
91 25.0 12.8 38.4





#87

1,3-Dichlorobenzene

Concen: 47.649 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN085084.D

Acq: 04 Dec 2024 09:51

Instrument :

MSVOA\_N

ClientSampleId :

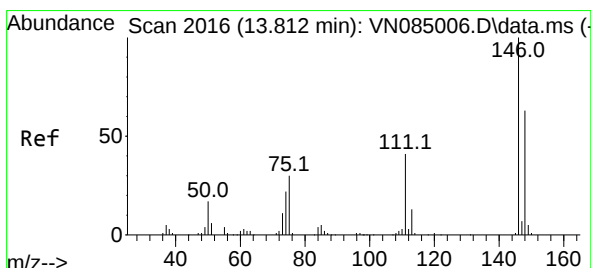
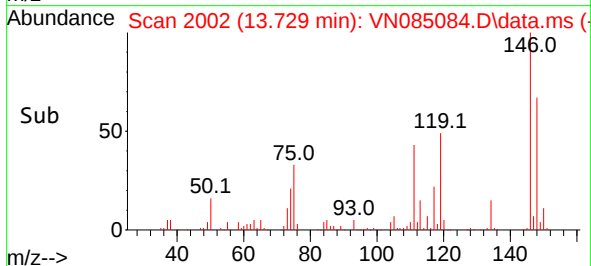
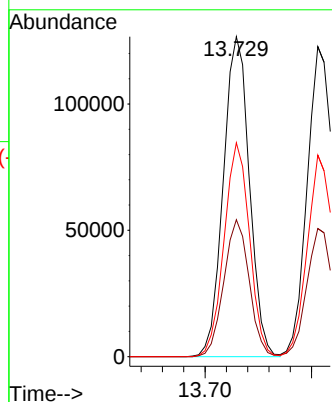
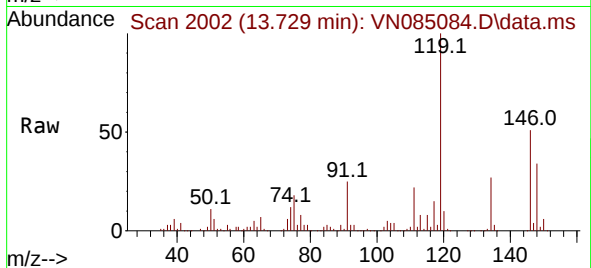
Tgt Ion:146 Resp: 215329

Ion Ratio Lower Upper

146 100

111 41.5 21.6 65.0

148 65.1 32.2 96.6



#88

1,4-Dichlorobenzene

Concen: 45.711 ug/l

RT: 13.806 min Scan# 2015

Delta R.T. -0.006 min

Lab File: VN085084.D

Acq: 04 Dec 2024 09:51

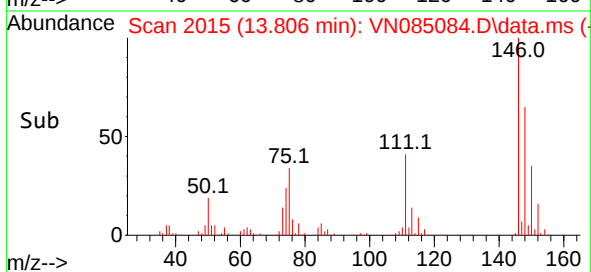
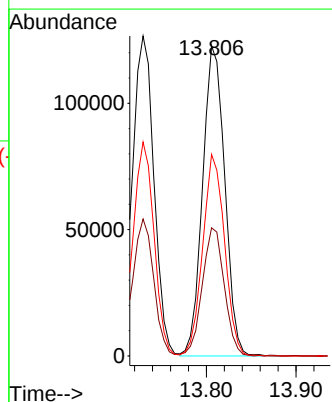
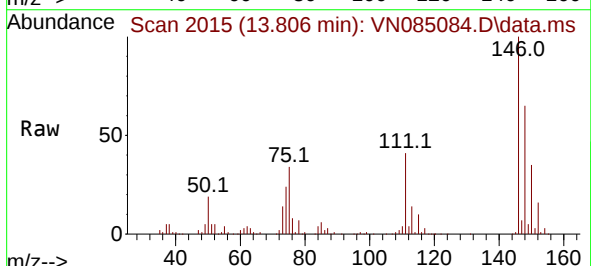
Tgt Ion:146 Resp: 210804

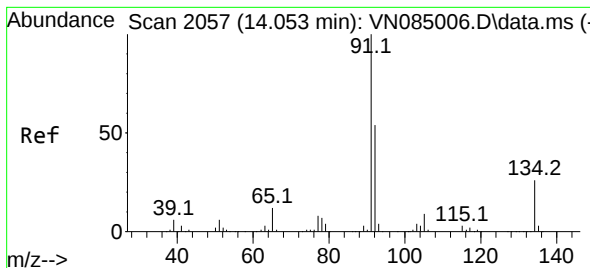
Ion Ratio Lower Upper

146 100

111 41.1 20.9 62.8

148 64.1 31.3 93.9





#89

n-Butylbenzene

Concen: 53.694 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN085084.D

Acq: 04 Dec 2024 09:51

Instrument :

MSVOA\_N

ClientSampleId :

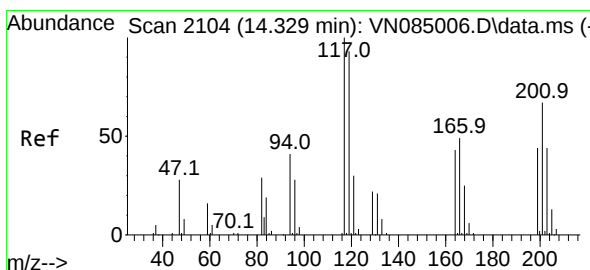
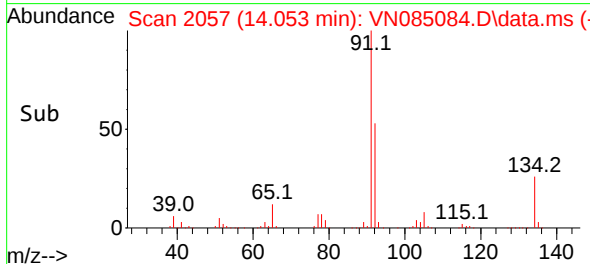
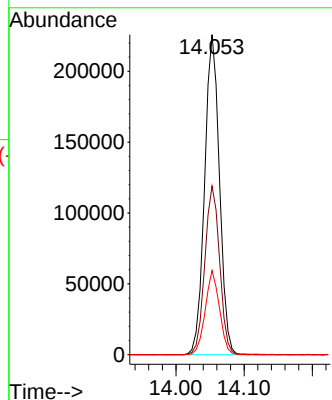
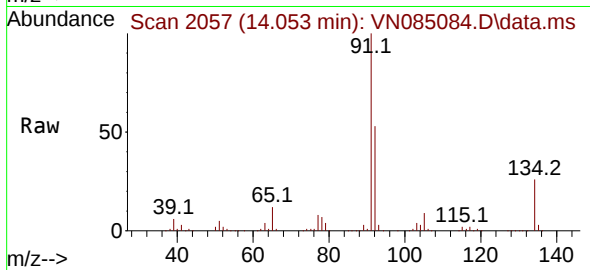
Tgt Ion: 91 Resp: 342277

Ion Ratio Lower Upper

91 100

92 52.5 26.8 80.3

134 25.1 12.8 38.4



#90

Hexachloroethane

Concen: 50.475 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.000 min

Lab File: VN085084.D

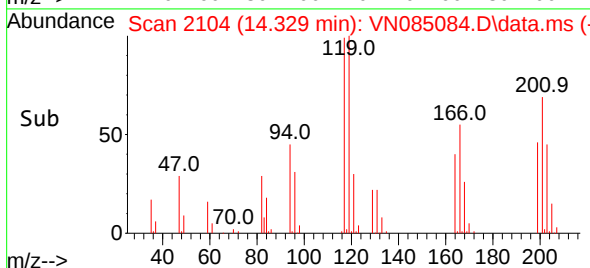
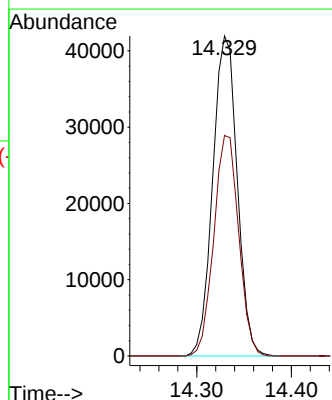
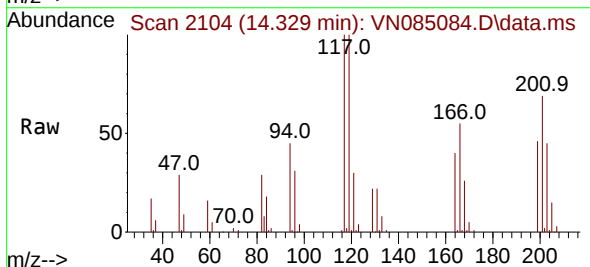
Acq: 04 Dec 2024 09:51

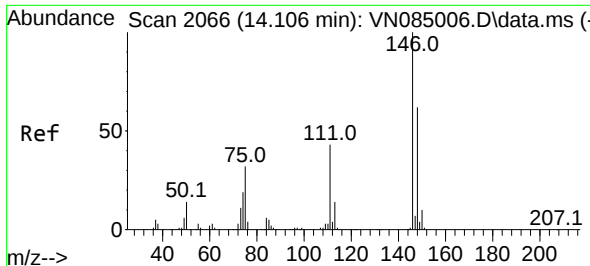
Tgt Ion: 117 Resp: 75416

Ion Ratio Lower Upper

117 100

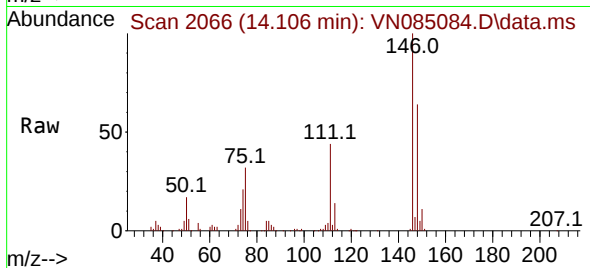
201 70.0 35.2 105.6



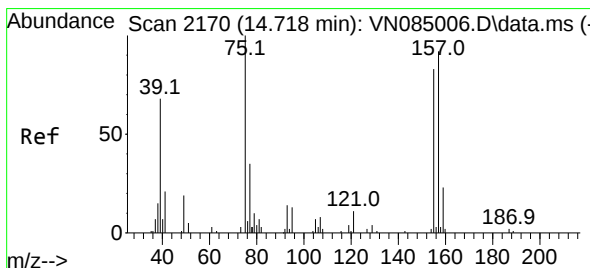
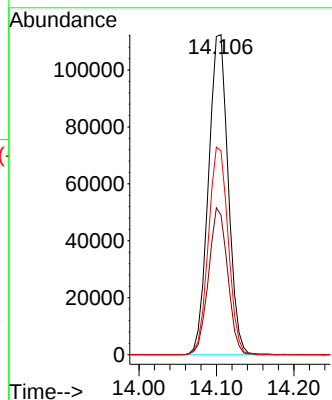
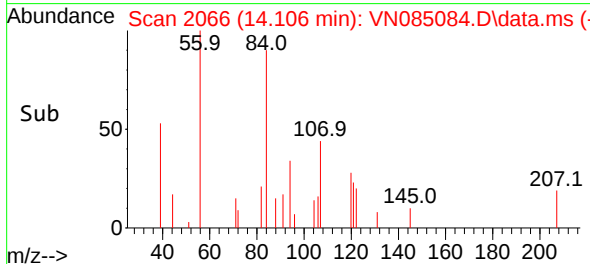


#91  
1,2-Dichlorobenzene  
Concen: 45.857 ug/l  
RT: 14.106 min Scan# 2066  
Delta R.T. -0.000 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51

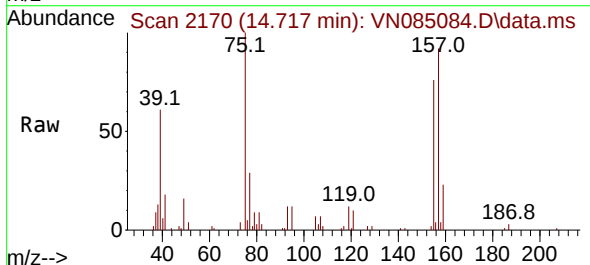
Instrument :  
MSVOA\_N  
ClientSampleId :



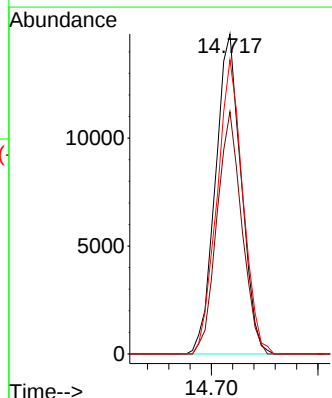
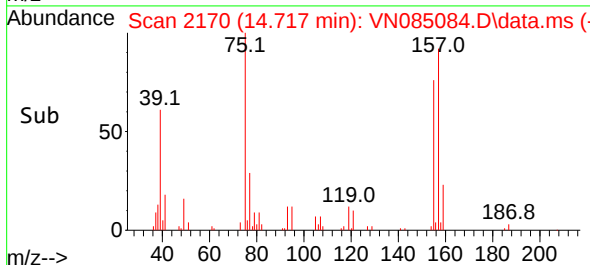
Tgt Ion:146 Resp: 198575  
Ion Ratio Lower Upper  
146 100  
111 44.4 21.9 65.8  
148 65.1 31.1 93.2

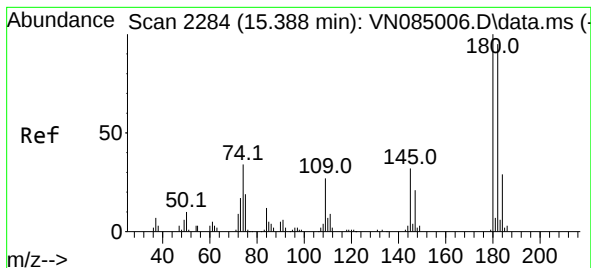


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 44.226 ug/l  
RT: 14.717 min Scan# 2170  
Delta R.T. -0.000 min  
Lab File: VN085084.D  
Acq: 04 Dec 2024 09:51



Tgt Ion: 75 Resp: 24863  
Ion Ratio Lower Upper  
75 100  
155 73.1 38.9 116.7  
157 92.4 48.3 144.9





#93

1,2,4-Trichlorobenzene

Concen: 42.543 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. -0.000 min

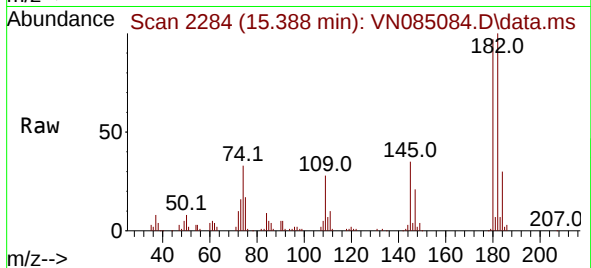
Lab File: VN085084.D

Acq: 04 Dec 2024 09:51

Instrument :

MSVOA\_N

ClientSampleId :



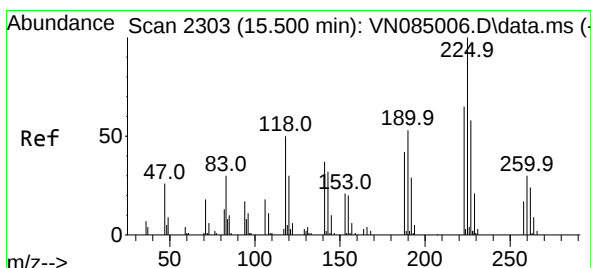
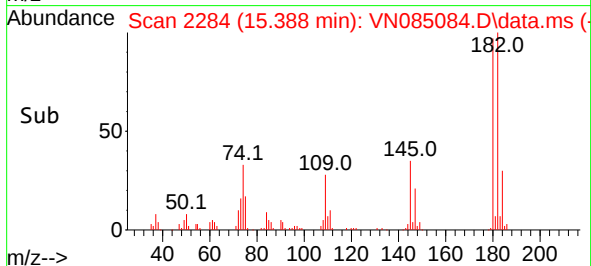
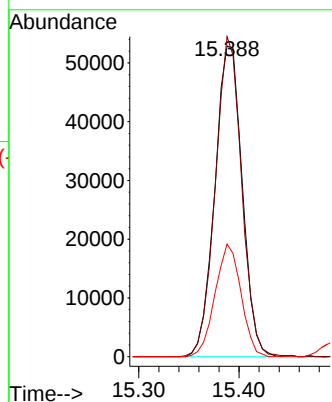
Tgt Ion:180 Resp: 100085

Ion Ratio Lower Upper

180 100

182 98.8 46.9 140.8

145 34.3 16.3 48.8



#94

Hexachlorobutadiene

Concen: 47.587 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN085084.D

Acq: 04 Dec 2024 09:51

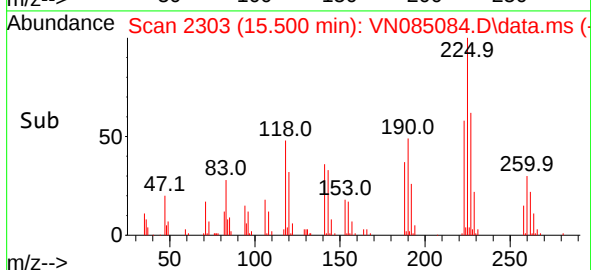
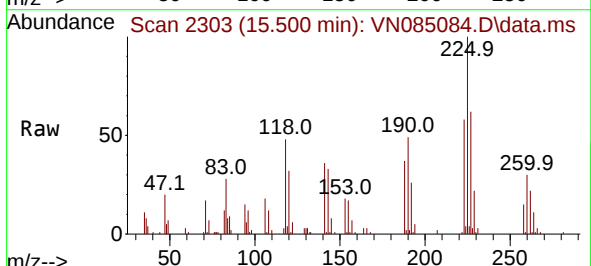
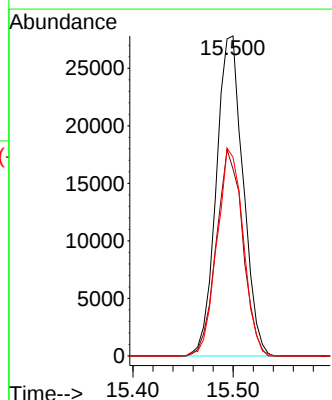
Tgt Ion:225 Resp: 51667

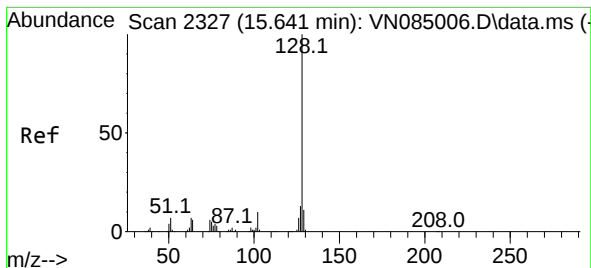
Ion Ratio Lower Upper

225 100

223 63.6 30.9 92.8

227 63.7 31.5 94.5





#95

Naphthalene

Concen: 41.554 ug/l

RT: 15.635 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN085084.D

Acq: 04 Dec 2024 09:51

Instrument :

MSVOA\_N

ClientSampleId :

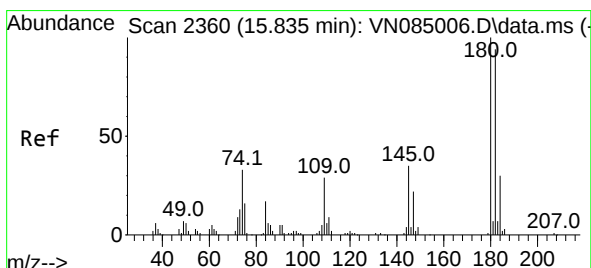
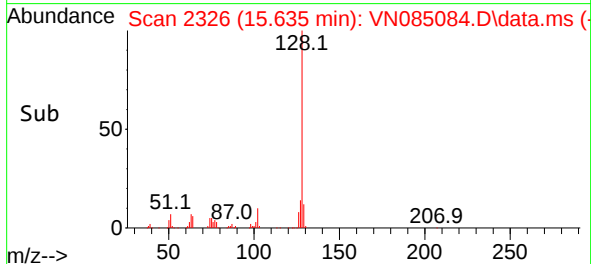
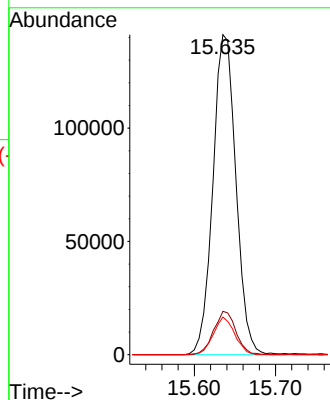
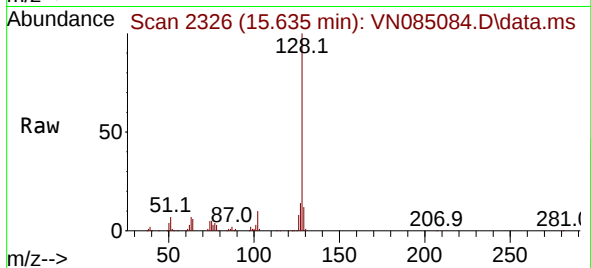
Tgt Ion:128 Resp: 278427

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 44.016 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN085084.D

Acq: 04 Dec 2024 09:51

Tgt Ion:180 Resp: 98804

Ion Ratio Lower Upper

180 100

182 95.0 46.4 139.2

145 33.7 17.3 52.0

