

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN092524\  
 Data File : VN084160.D  
 Acq On : 25 Sep 2024 15:23  
 Operator : JC\MD  
 Sample : VN0925WBSD01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0925WBSD01

Quant Time: Sep 26 01:34:44 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091024W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 11 15:18:56 2024  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 8.224  | 168   | 149867   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.100  | 114   | 262646   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.865 | 117   | 237190   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.788 | 152   | 112969   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.582  | 65    | 106525   | 47.139   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | =      | 94.280%  |
| 35) Dibromofluoromethane     | 8.165  | 113   | 81460    | 48.447   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 96.900%  |
| 50) Toluene-d8               | 10.565 | 98    | 289445   | 49.795   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | =      | 99.580%  |
| 62) 4-Bromofluorobenzene     | 12.847 | 95    | 110475   | 46.066   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 77 - 121 | Recovery | =      | 92.140%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.130  | 85    | 26089    | 14.990   | ug/l   | 93       |
| 3) Chloromethane             | 2.359  | 50    | 29671    | 15.417   | ug/l   | 94       |
| 4) Vinyl Chloride            | 2.518  | 62    | 31702    | 16.618   | ug/l   | 98       |
| 5) Bromomethane              | 2.965  | 94    | 20356    | 18.584   | ug/l   | 96       |
| 6) Chloroethane              | 3.124  | 64    | 21812    | 16.300   | ug/l   | 94       |
| 7) Trichlorofluoromethane    | 3.500  | 101   | 55495    | 17.137   | ug/l   | 95       |
| 8) Diethyl Ether             | 3.959  | 74    | 19647    | 18.100   | ug/l   | 95       |
| 9) 1,1,2-Trichlorotrifluo... | 4.383  | 101   | 32051    | 18.673   | ug/l   | 99       |
| 10) Methyl Iodide            | 4.589  | 142   | 35778    | 16.390   | ug/l   | 95       |
| 11) Tert butyl alcohol       | 5.530  | 59    | 32291    | 106.710  | ug/l # | 71       |
| 12) 1,1-Dichloroethene       | 4.342  | 96    | 28264    | 17.437   | ug/l   | 91       |
| 13) Acrolein                 | 4.183  | 56    | 29434    | 98.583   | ug/l   | 98       |
| 14) Allyl chloride           | 5.030  | 41    | 49431    | 17.114   | ug/l   | 97       |
| 15) Acrylonitrile            | 5.718  | 53    | 89265    | 108.471  | ug/l   | 100      |
| 16) Acetone                  | 4.430  | 43    | 87173    | 96.229   | ug/l   | 99       |
| 17) Carbon Disulfide         | 4.712  | 76    | 66169    | 14.593   | ug/l   | 99       |
| 18) Methyl Acetate           | 5.030  | 43    | 44722    | 22.680   | ug/l   | 99       |
| 19) Methyl tert-butyl Ether  | 5.794  | 73    | 110321   | 18.808   | ug/l   | 96       |
| 20) Methylene Chloride       | 5.277  | 84    | 35178    | 18.976   | ug/l   | 88       |
| 21) trans-1,2-Dichloroethene | 5.789  | 96    | 29763    | 17.133   | ug/l   | 89       |
| 22) Diisopropyl ether        | 6.677  | 45    | 117789   | 19.811   | ug/l   | 98       |
| 23) Vinyl Acetate            | 6.606  | 43    | 420791   | 96.641   | ug/l   | 99       |
| 24) 1,1-Dichloroethane       | 6.577  | 63    | 64279    | 18.765   | ug/l   | 98       |
| 25) 2-Butanone               | 7.482  | 43    | 126143   | 105.945  | ug/l   | 97       |
| 26) 2,2-Dichloropropane      | 7.494  | 77    | 58876    | 18.664   | ug/l   | 97       |
| 27) cis-1,2-Dichloroethene   | 7.488  | 96    | 38506    | 18.672   | ug/l   | 97       |
| 28) Bromochloromethane       | 7.818  | 49    | 32230    | 22.343   | ug/l   | 97       |
| 29) Tetrahydrofuran          | 7.841  | 42    | 77157    | 109.594  | ug/l   | 99       |
| 30) Chloroform               | 7.965  | 83    | 68709    | 18.894   | ug/l   | 98       |
| 31) Cyclohexane              | 8.259  | 56    | 51765    | 15.850   | ug/l   | 89       |
| 32) 1,1,1-Trichloroethane    | 8.165  | 97    | 61713    | 18.455   | ug/l   | 96       |
| 36) 1,1-Dichloropropene      | 8.371  | 75    | 44991    | 17.777   | ug/l   | 98       |
| 37) Ethyl Acetate            | 7.559  | 43    | 51003    | 22.202   | ug/l   | 97       |
| 38) Carbon Tetrachloride     | 8.365  | 117   | 51941    | 18.091   | ug/l   | 97       |
| 39) Methylcyclohexane        | 9.600  | 83    | 44951    | 15.604   | ug/l   | 97       |
| 40) Benzene                  | 8.606  | 78    | 142301   | 18.681   | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN092524\  
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 Operator : JC\MD  
 Sample : VN0925WBSD01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0925WBSD01

Quant Time: Sep 26 01:34:44 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091024W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 11 15:18:56 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.777  | 41   | 27332    | 20.116  | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 51684    | 18.158  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.688  | 43   | 84068    | 20.195  | ug/l   | 98       |
| 44) Trichloroethene           | 9.353  | 130  | 33269    | 18.860  | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.618  | 63   | 36678    | 19.922  | ug/l   | 100      |
| 46) Dibromomethane            | 9.712  | 93   | 25281    | 19.605  | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.888  | 83   | 55454    | 19.870  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.682  | 41   | 39041    | 19.767  | ug/l   | 99       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 13387    | 412.031 | ug/l # | 94       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 252696   | 111.514 | ug/l   | 99       |
| 52) Toluene                   | 10.629 | 92   | 87489    | 18.777  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 54025    | 19.098  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 58276    | 19.612  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 34219    | 19.672  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.871 | 69   | 54640    | 20.417  | ug/l   | 95       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 60012    | 20.074  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 112621   | 116.790 | ug/l   | 96       |
| 59) 2-Hexanone                | 11.194 | 43   | 186493   | 111.256 | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.359 | 129  | 41736    | 21.439  | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 11.470 | 107  | 33988    | 19.592  | ug/l   | 98       |
| 64) Tetrachloroethene         | 11.106 | 164  | 28401    | 18.005  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.894 | 112  | 96231    | 18.254  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 34460    | 18.856  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.965 | 91   | 167677   | 17.905  | ug/l   | 97       |
| 68) m/p-Xylenes               | 12.070 | 106  | 125314   | 36.043  | ug/l   | 99       |
| 69) o-Xylene                  | 12.394 | 106  | 60160    | 17.874  | ug/l   | 98       |
| 70) Styrene                   | 12.412 | 104  | 105216   | 19.048  | ug/l   | 98       |
| 71) Bromoform                 | 12.576 | 173  | 25620    | 20.804  | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.694 | 105  | 154686   | 17.699  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.494 | 43   | 72547    | 19.455  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 50218    | 19.556  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 64822    | 28.437  | ug/l   | 62       |
| 77) Bromobenzene              | 12.982 | 156  | 37914    | 18.022  | ug/l   | 99       |
| 78) n-propylbenzene           | 13.035 | 91   | 187006   | 18.390  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 116402   | 17.949  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 13.170 | 105  | 130222   | 17.672  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 16737    | 19.230  | ug/l   | 94       |
| 82) 4-Chlorotoluene           | 13.217 | 91   | 118504   | 18.209  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.435 | 119  | 113717   | 17.639  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 135853   | 18.354  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.617 | 105  | 156146   | 18.263  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 129539   | 18.074  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.729 | 146  | 70064    | 17.646  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 71515    | 17.788  | ug/l   | 99       |
| 89) n-Butylbenzene            | 14.053 | 91   | 109154   | 16.963  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.335 | 117  | 25587    | 17.760  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 69074    | 18.026  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.717 | 75   | 10110    | 19.750  | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 32398    | 15.756  | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 15.494 | 225  | 15361    | 17.591  | ug/l   | 94       |
| 95) Naphthalene               | 15.641 | 128  | 105884   | 16.926  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.835 | 180  | 32892    | 16.738  | ug/l   | 99       |

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Data File : VN084160.D  
Acq On : 25 Sep 2024 15:23  
Operator : JC\MD  
Sample : VN0925WBSD01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 14 Sample Multiplier: 1

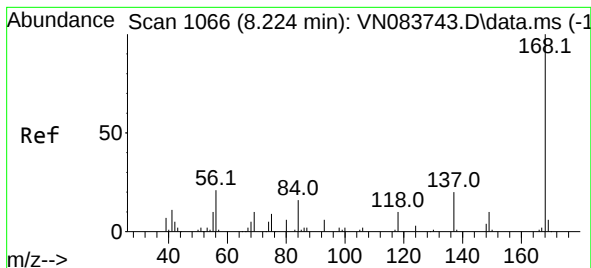
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0925WBSD01

Quant Time: Sep 26 01:34:44 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091024W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 11 15:18:56 2024  
Response via : Initial Calibration

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

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN084160.D

Acq: 25 Sep 2024 15:23

Instrument :

MSVOA\_N

ClientSampleId :

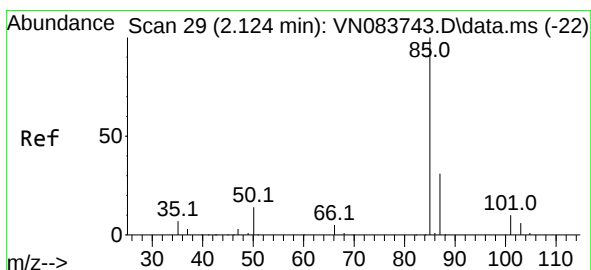
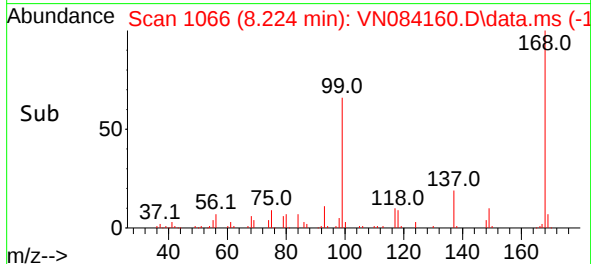
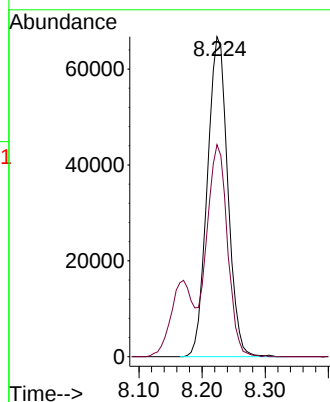
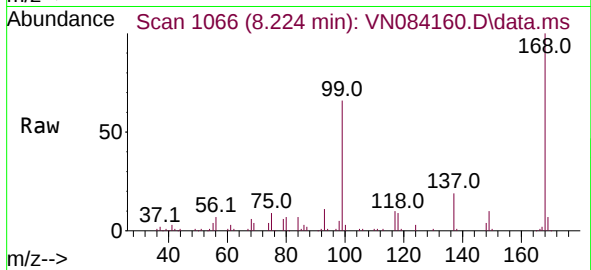
VN0925WBSD01

Tgt Ion:168 Resp: 149867

Ion Ratio Lower Upper

168 100

99 66.3 54.2 81.2



#2

Dichlorodifluoromethane

Concen: 14.990 ug/l

RT: 2.130 min Scan# 30

Delta R.T. 0.006 min

Lab File: VN084160.D

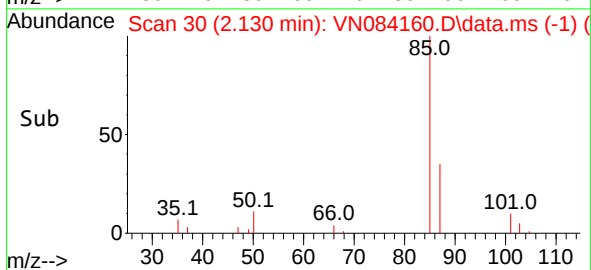
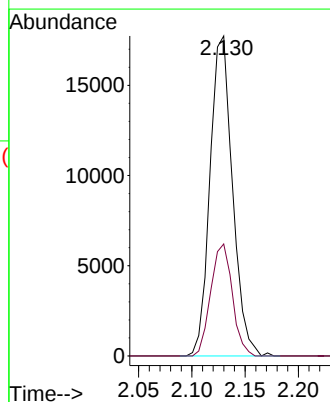
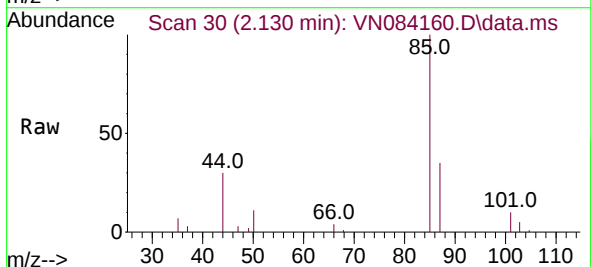
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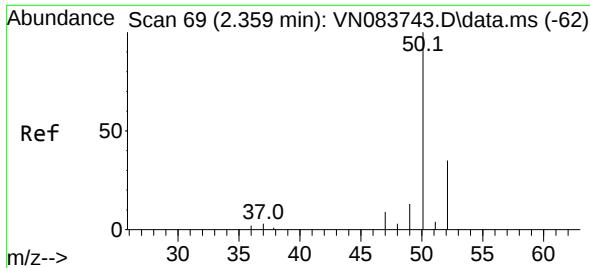
Tgt Ion: 85 Resp: 26089

Ion Ratio Lower Upper

85 100

87 35.0 15.7 47.0

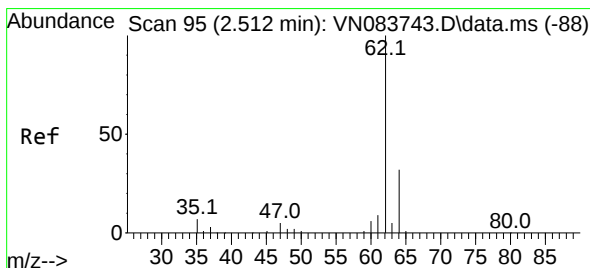
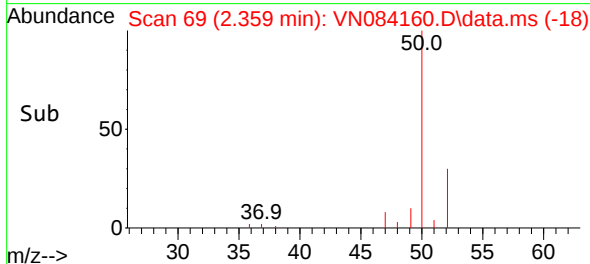
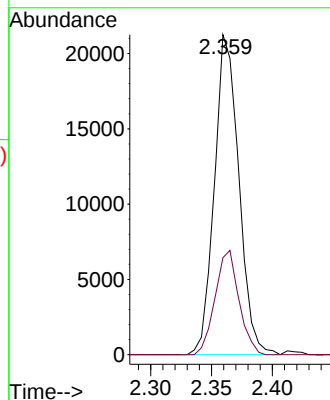
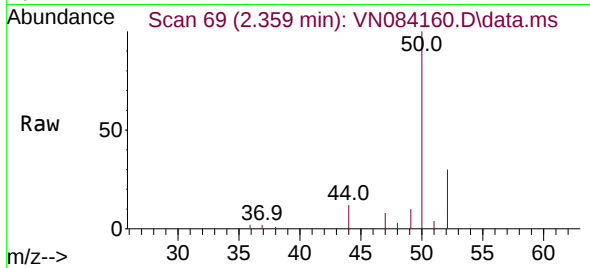




#3  
Chloromethane  
Concen: 15.417 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. 0.000 min  
Lab File: VN084160.D  
Acq: 25 Sep 2024 15:23

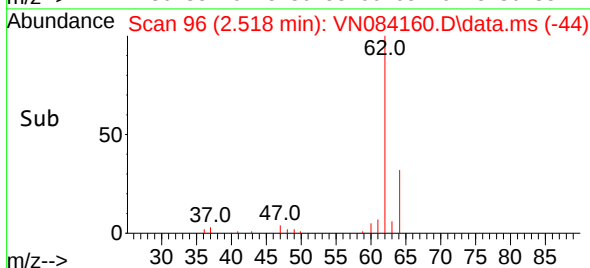
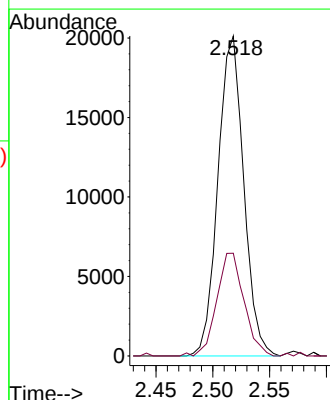
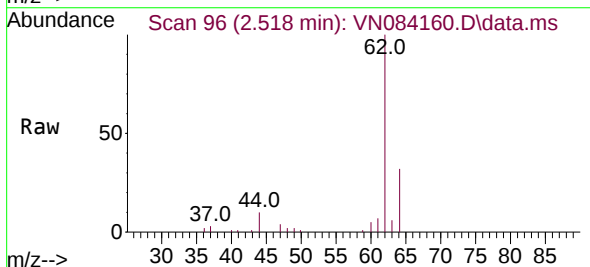
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0925WBSD01

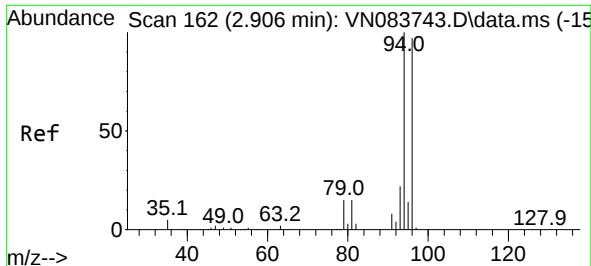
Tgt Ion: 50 Resp: 29671  
Ion Ratio Lower Upper  
50 100  
52 30.3 27.2 40.8



#4  
Vinyl Chloride  
Concen: 16.618 ug/l  
RT: 2.518 min Scan# 96  
Delta R.T. 0.006 min  
Lab File: VN084160.D  
Acq: 25 Sep 2024 15:23

Tgt Ion: 62 Resp: 31702  
Ion Ratio Lower Upper  
62 100  
64 32.1 24.7 37.1

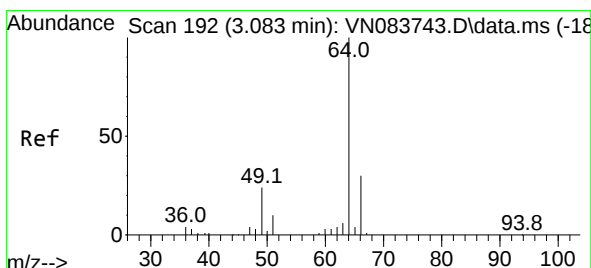
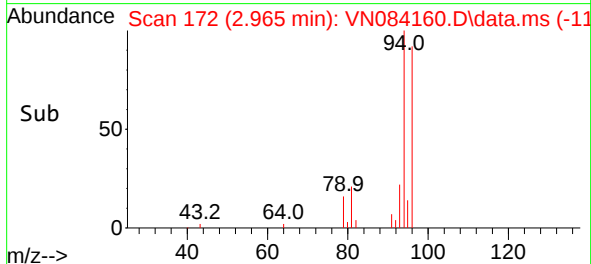
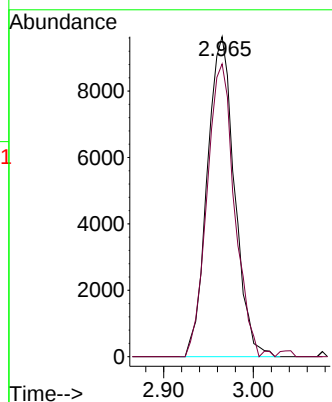
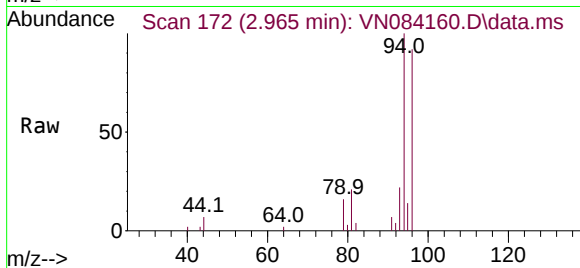




#5  
Bromomethane  
Concen: 18.584 ug/l  
RT: 2.965 min Scan# 11  
Delta R.T. 0.059 min  
Lab File: VN084160.D  
Acq: 25 Sep 2024 15:23

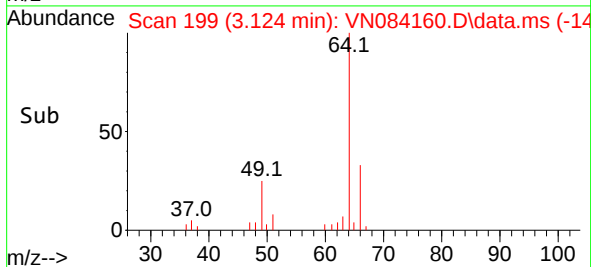
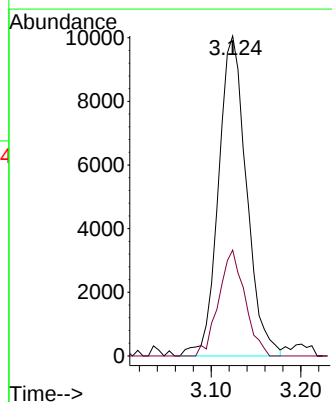
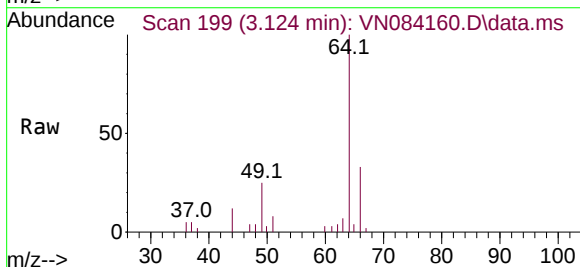
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0925WBSD01

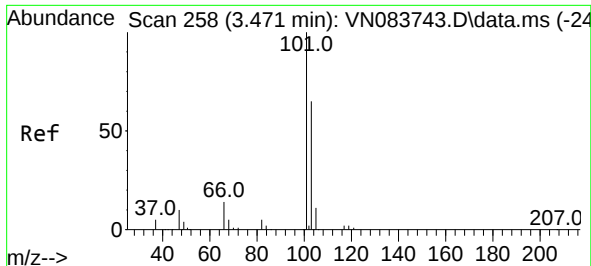
Tgt Ion: 94 Resp: 20356  
Ion Ratio Lower Upper  
94 100  
96 91.5 76.0 114.0



#6  
Chloroethane  
Concen: 16.300 ug/l  
RT: 3.124 min Scan# 199  
Delta R.T. 0.041 min  
Lab File: VN084160.D  
Acq: 25 Sep 2024 15:23

Tgt Ion: 64 Resp: 21812  
Ion Ratio Lower Upper  
64 100  
66 33.1 23.9 35.9

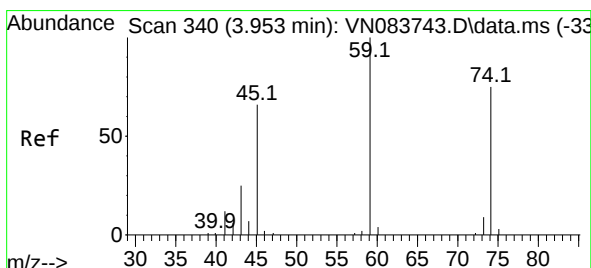
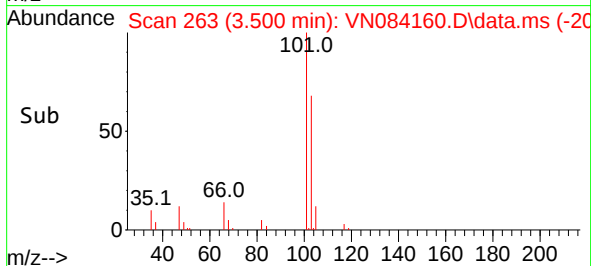
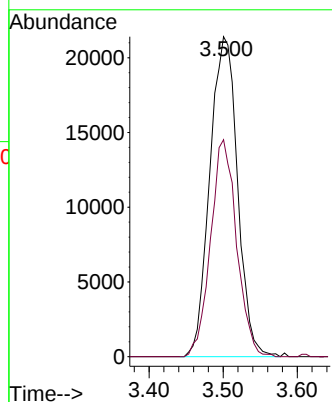
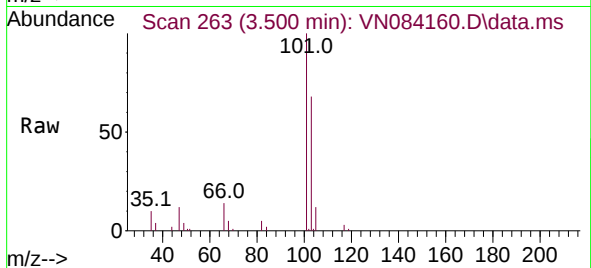




#7  
Trichlorofluoromethane  
Concen: 17.137 ug/l  
RT: 3.500 min Scan# 2  
Delta R.T. 0.029 min  
Lab File: VN084160.D  
Acq: 25 Sep 2024 15:23

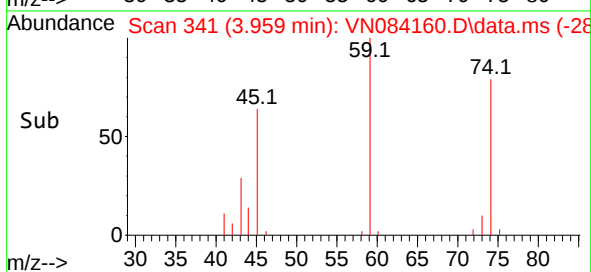
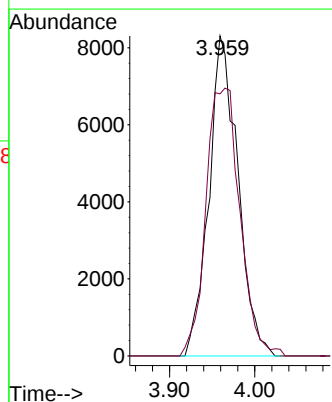
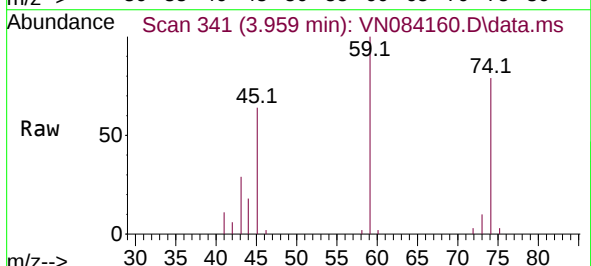
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0925WBSD01

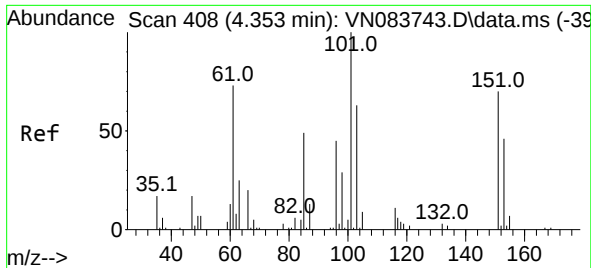
Tgt Ion:101 Resp: 55495  
Ion Ratio Lower Upper  
101 100  
103 67.8 51.4 77.0



#8  
Diethyl Ether  
Concen: 18.100 ug/l  
RT: 3.959 min Scan# 341  
Delta R.T. 0.006 min  
Lab File: VN084160.D  
Acq: 25 Sep 2024 15:23

Tgt Ion: 74 Resp: 19647  
Ion Ratio Lower Upper  
74 100  
45 98.1 46.7 140.1

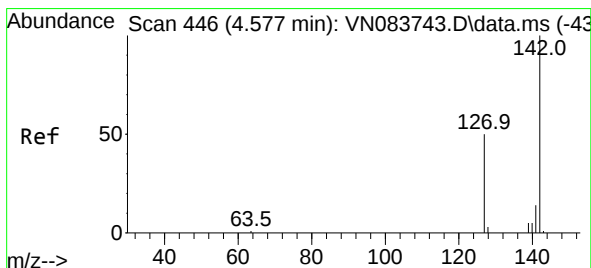
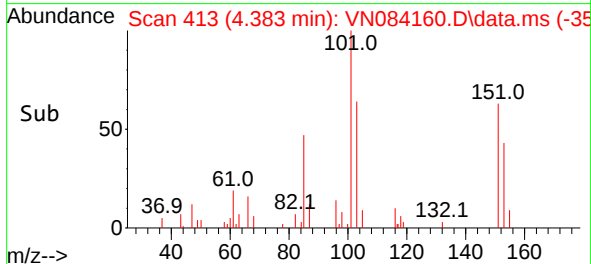
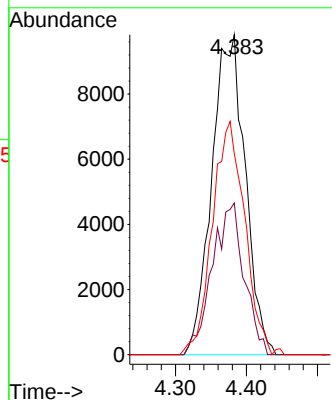
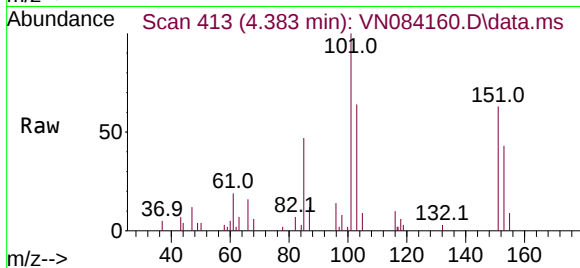




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.673 ug/l  
RT: 4.383 min Scan# 413  
Delta R.T. 0.029 min  
Lab File: VN084160.D  
Acq: 25 Sep 2024 15:23

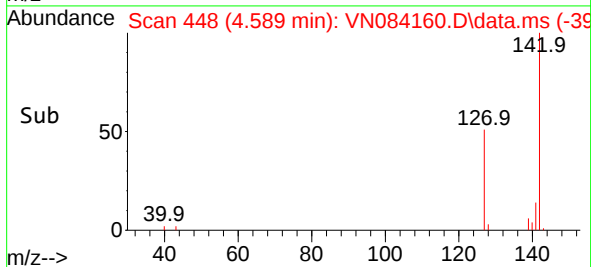
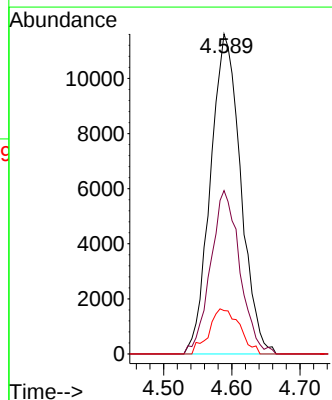
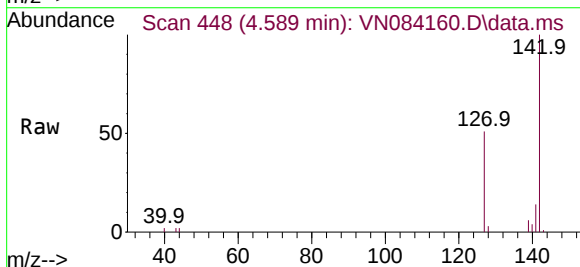
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0925WBSD01

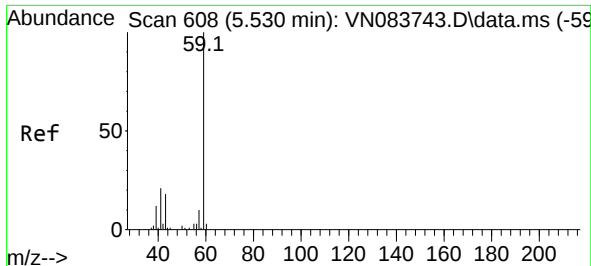
Tgt Ion:101 Resp: 32051  
Ion Ratio Lower Upper  
101 100  
85 45.4 36.2 54.4  
151 70.9 57.7 86.5



#10  
Methyl Iodide  
Concen: 16.390 ug/l  
RT: 4.589 min Scan# 448  
Delta R.T. 0.012 min  
Lab File: VN084160.D  
Acq: 25 Sep 2024 15:23

Tgt Ion:142 Resp: 35778  
Ion Ratio Lower Upper  
142 100  
127 51.0 37.5 56.3  
141 13.6 11.0 16.4

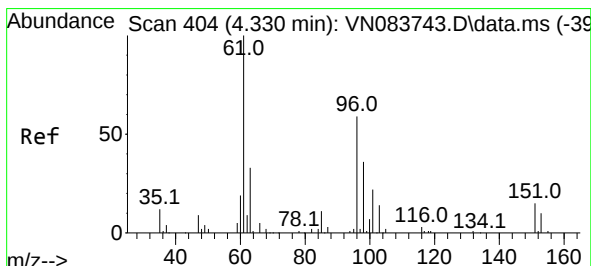
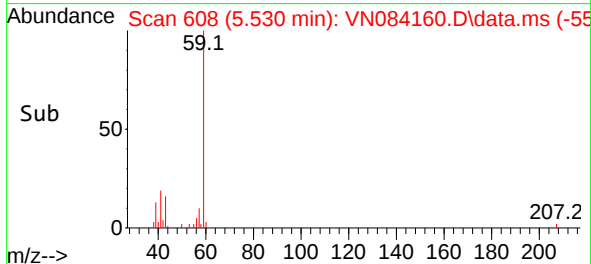
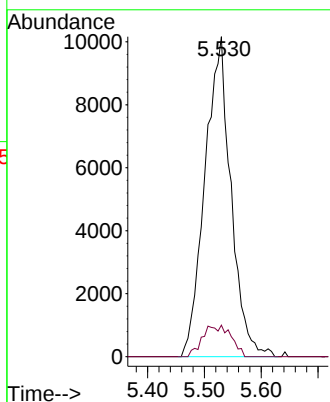
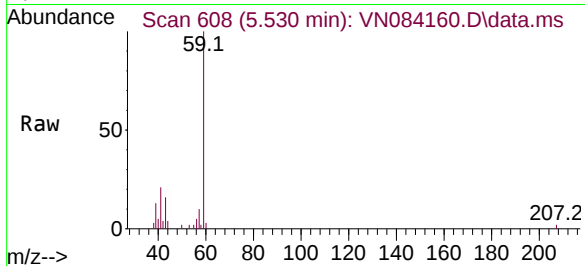




#11  
Tert butyl alcohol  
Concen: 106.710 ug/l  
RT: 5.530 min Scan# 608  
Delta R.T. -0.000 min  
Lab File: VN084160.D  
Acq: 25 Sep 2024 15:23

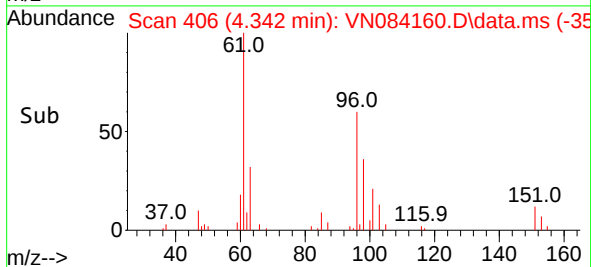
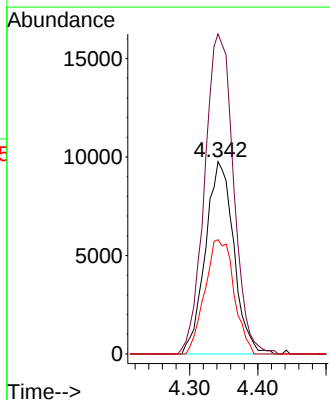
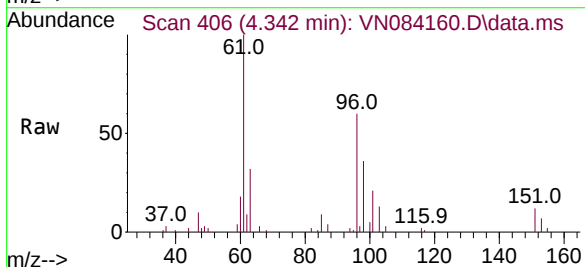
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0925WBSD01

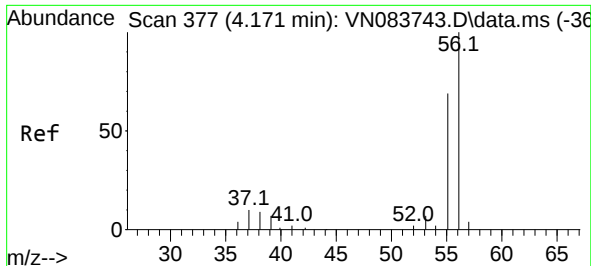
Tgt Ion: 59 Resp: 32291  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.7 13.1#



#12  
1,1-Dichloroethene  
Concen: 17.437 ug/l  
RT: 4.342 min Scan# 406  
Delta R.T. 0.012 min  
Lab File: VN084160.D  
Acq: 25 Sep 2024 15:23

Tgt Ion: 96 Resp: 28264  
Ion Ratio Lower Upper  
96 100  
61 166.3 143.4 215.0  
98 59.4 52.7 79.1





#13

Acrolein

Concen: 98.583 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.012 min

Lab File: VN084160.D

Acq: 25 Sep 2024 15:23

Instrument :

MSVOA\_N

ClientSampleId :

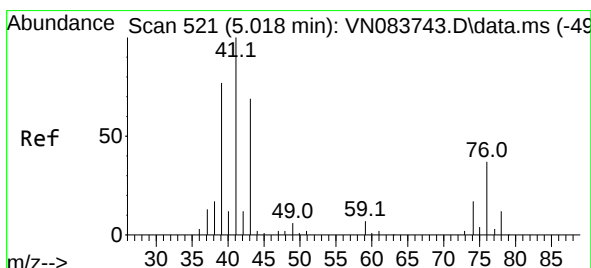
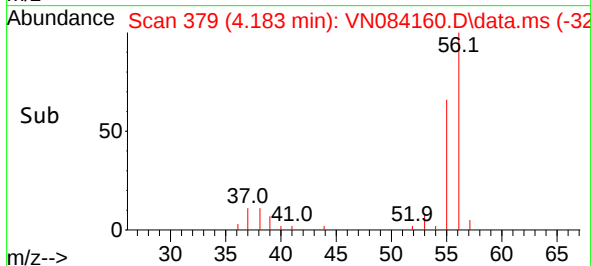
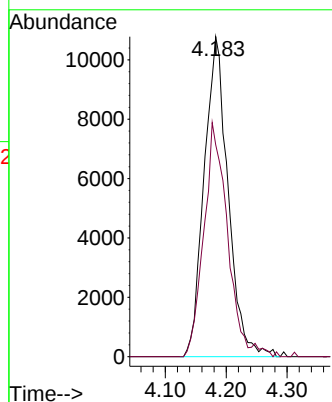
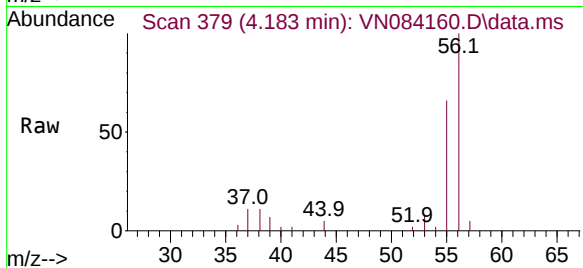
VN0925WBSD01

Tgt Ion: 56 Resp: 29434

Ion Ratio Lower Upper

56 100

55 71.0 58.2 87.2



#14

Allyl chloride

Concen: 17.114 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.012 min

Lab File: VN084160.D

Acq: 25 Sep 2024 15:23

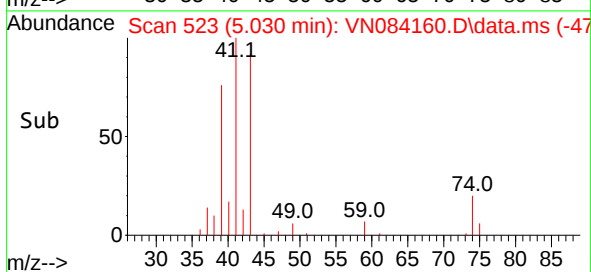
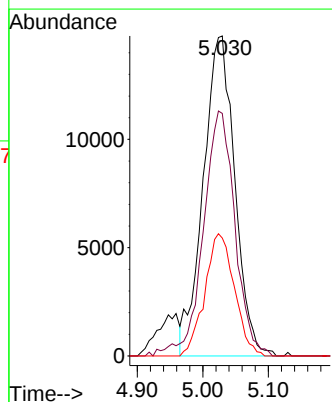
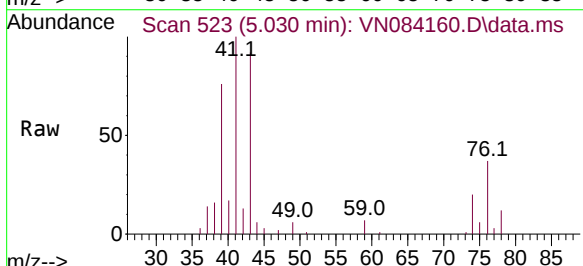
Tgt Ion: 41 Resp: 49431

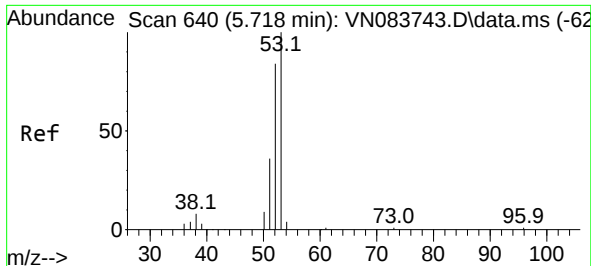
Ion Ratio Lower Upper

41 100

39 76.7 59.3 88.9

76 35.8 27.7 41.5

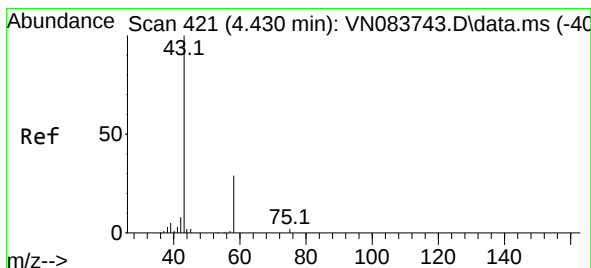
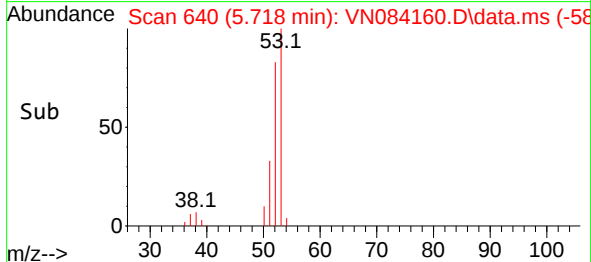
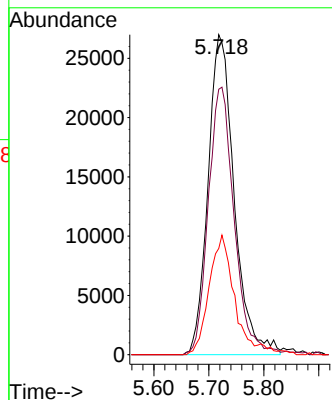
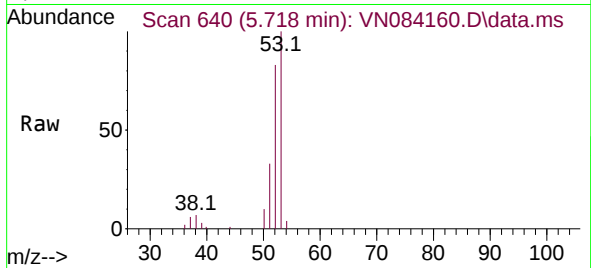




#15  
Acrylonitrile  
Concen: 108.471 ug/l  
RT: 5.718 min Scan# 640  
Delta R.T. -0.000 min  
Lab File: VN084160.D  
Acq: 25 Sep 2024 15:23

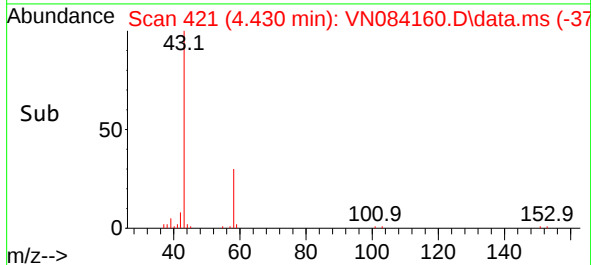
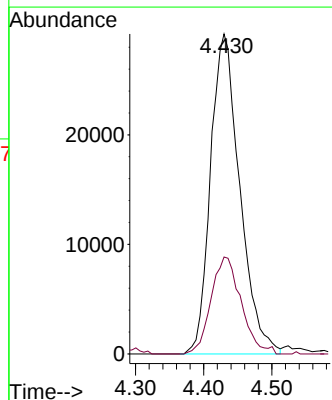
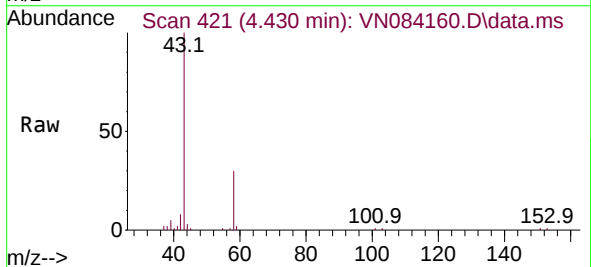
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0925WBSD01

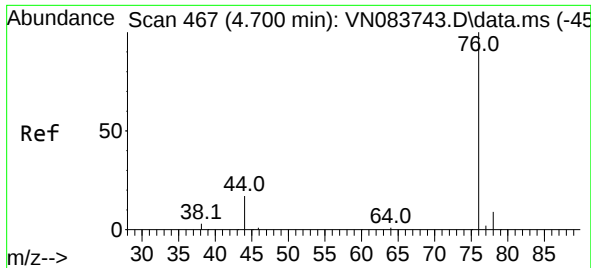
|             |             |
|-------------|-------------|
| Tgt Ion: 53 | Resp: 89265 |
| Ion Ratio   | Lower Upper |
| 53 100      |             |
| 52 82.6     | 66.1 99.1   |
| 51 36.4     | 29.6 44.4   |



#16  
Acetone  
Concen: 96.229 ug/l  
RT: 4.430 min Scan# 421  
Delta R.T. -0.000 min  
Lab File: VN084160.D  
Acq: 25 Sep 2024 15:23

|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 87173 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 58 30.3     | 23.7 35.5   |





#17

Carbon Disulfide

Concen: 14.593 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.012 min

Lab File: VN084160.D

Acq: 25 Sep 2024 15:23

Instrument :

MSVOA\_N

ClientSampleId :

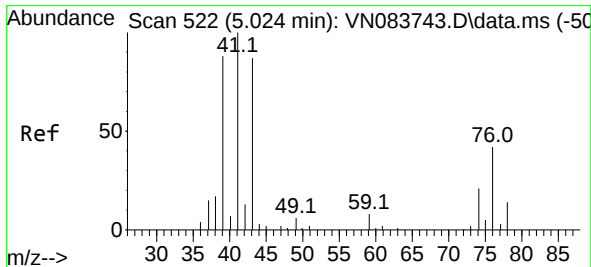
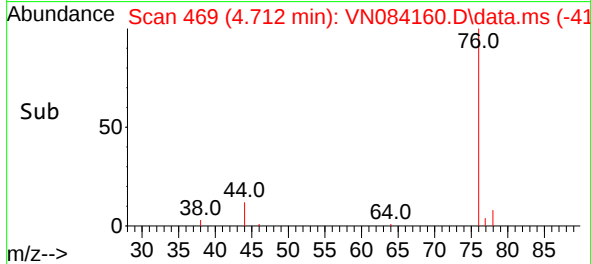
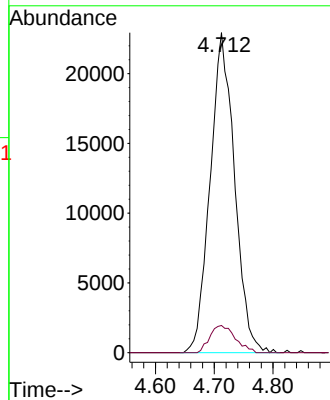
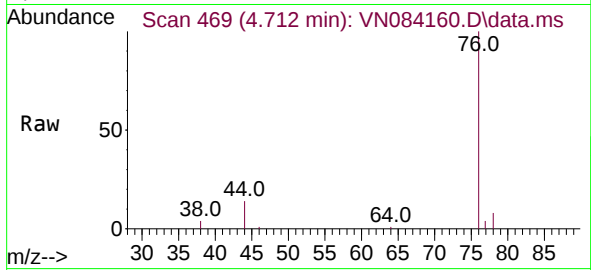
VN0925WBSD01

Tgt Ion: 76 Resp: 66169

Ion Ratio Lower Upper

76 100

78 8.5 7.1 10.7



#18

Methyl Acetate

Concen: 22.680 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.006 min

Lab File: VN084160.D

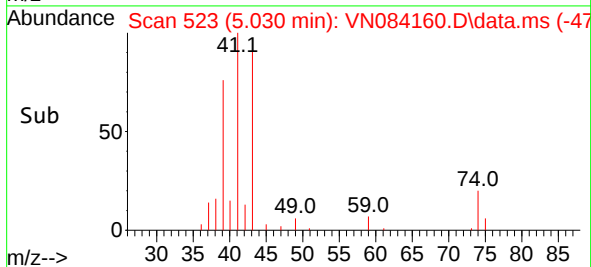
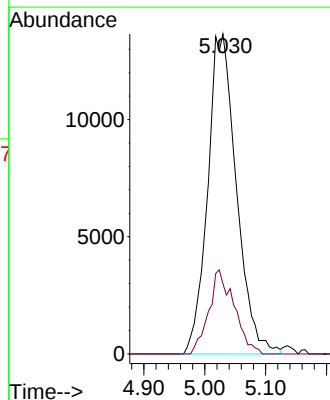
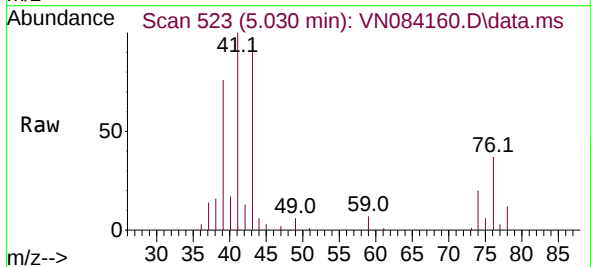
Acq: 25 Sep 2024 15:23

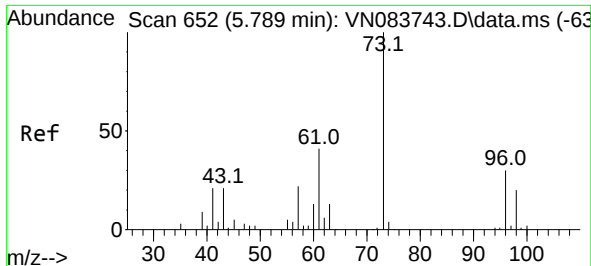
Tgt Ion: 43 Resp: 44722

Ion Ratio Lower Upper

43 100

74 23.2 19.0 28.4





#19

Methyl tert-butyl Ether

Concen: 18.808 ug/l

RT: 5.794 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN084160.D

Acq: 25 Sep 2024 15:23

Instrument :

MSVOA\_N

ClientSampleId :

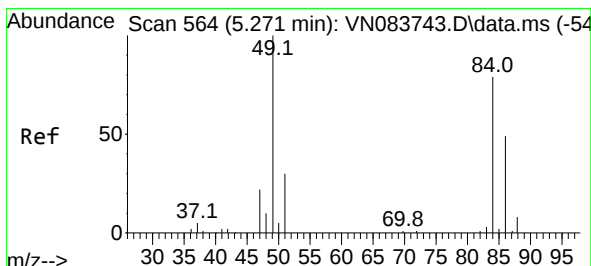
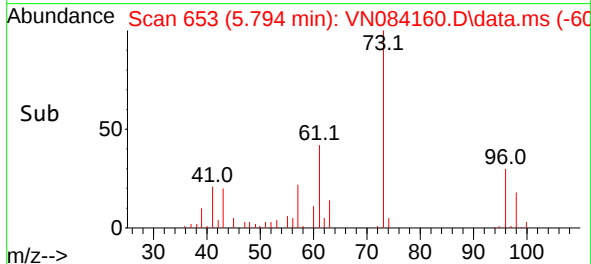
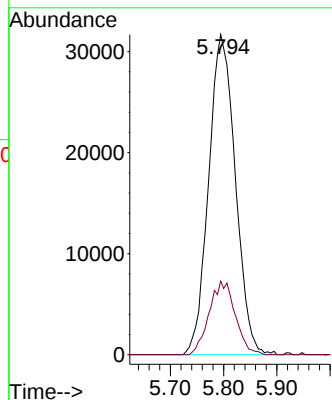
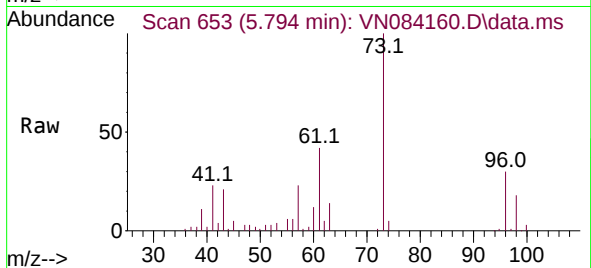
VN0925WBSD01

Tgt Ion: 73 Resp: 110321

Ion Ratio Lower Upper

73 100

57 23.0 17.0 25.6



#20

Methylene Chloride

Concen: 18.976 ug/l

RT: 5.277 min Scan# 565

Delta R.T. 0.006 min

Lab File: VN084160.D

Acq: 25 Sep 2024 15:23

Tgt Ion: 84 Resp: 35178

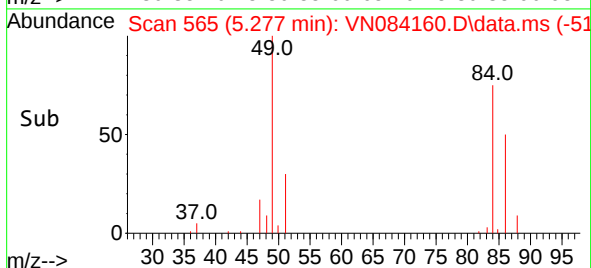
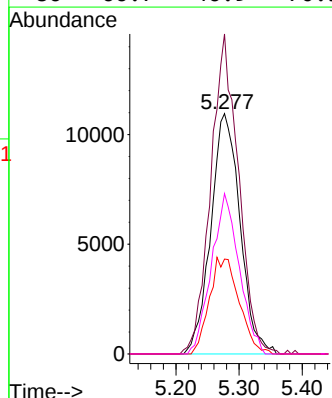
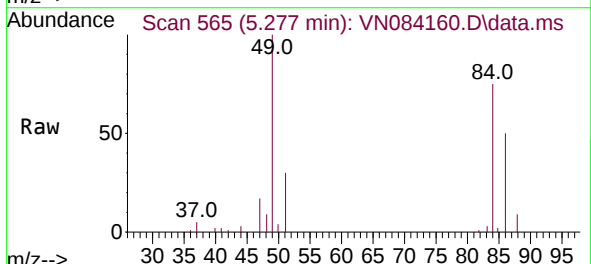
Ion Ratio Lower Upper

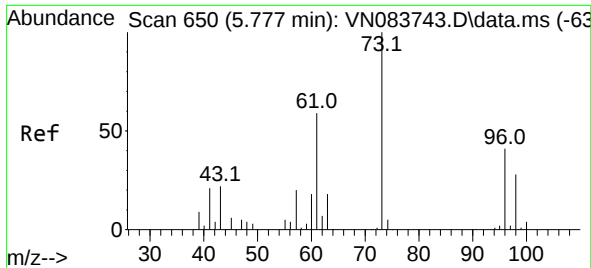
84 100

49 133.2 93.4 140.0

51 39.5 29.2 43.8

86 66.7 46.9 70.3

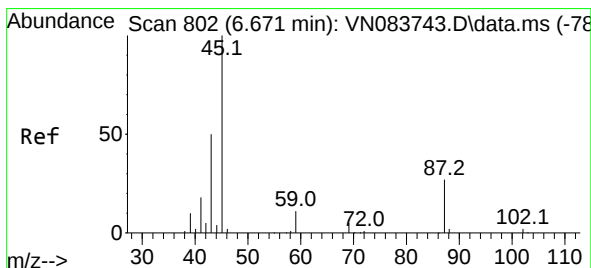
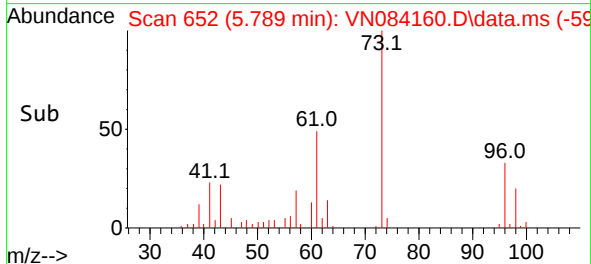
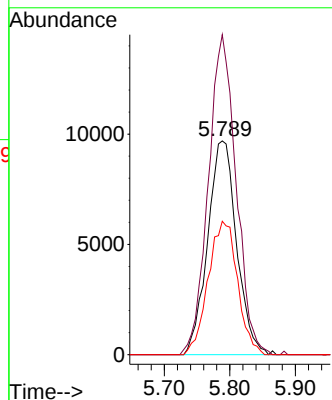
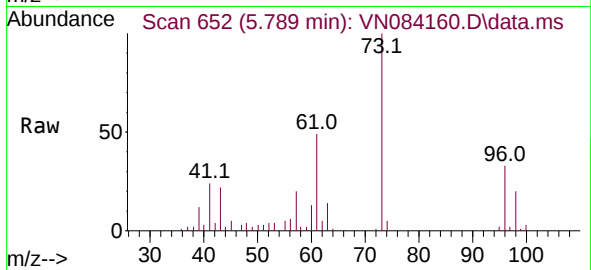




#21  
trans-1,2-Dichloroethene  
Concen: 17.133 ug/l  
RT: 5.789 min Scan# 61  
Delta R.T. 0.012 min  
Lab File: VN084160.D  
Acq: 25 Sep 2024 15:23

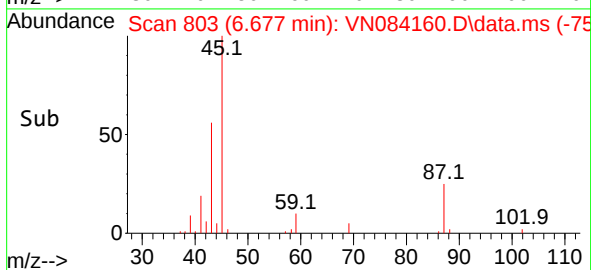
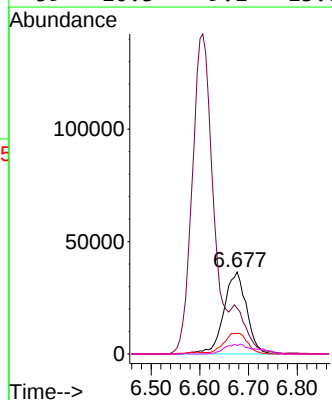
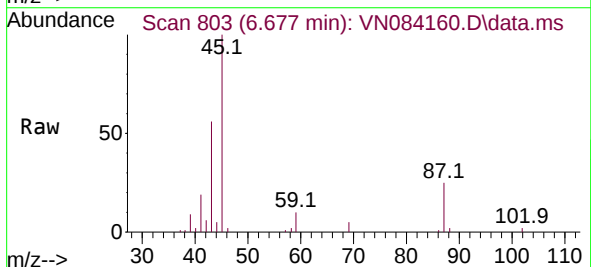
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0925WBSD01

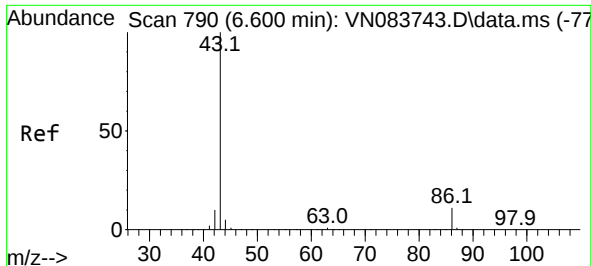
Tgt Ion: 96 Resp: 29763  
Ion Ratio Lower Upper  
96 100  
61 149.7 106.0 159.0  
98 62.5 52.2 78.2



#22  
Diisopropyl ether  
Concen: 19.811 ug/l  
RT: 6.677 min Scan# 803  
Delta R.T. 0.006 min  
Lab File: VN084160.D  
Acq: 25 Sep 2024 15:23

Tgt Ion: 45 Resp: 117789  
Ion Ratio Lower Upper  
45 100  
43 54.4 43.4 65.0  
87 25.2 22.6 33.8  
59 10.3 9.1 13.7

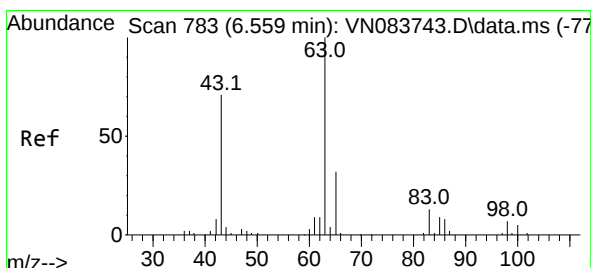
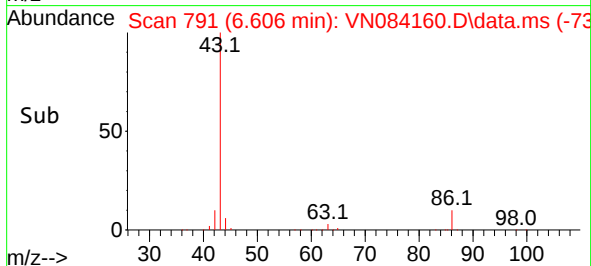
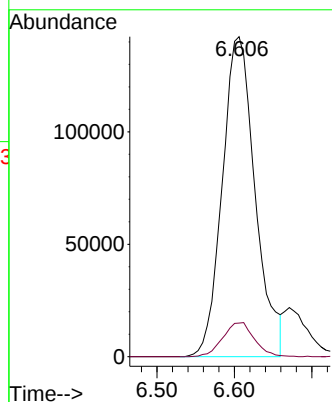
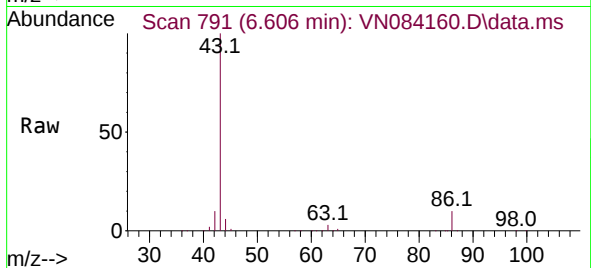




#23  
 Vinyl Acetate  
 Concen: 96.641 ug/l  
 RT: 6.606 min Scan# 791  
 Delta R.T. 0.006 min  
 Lab File: VN084160.D  
 Acq: 25 Sep 2024 15:23

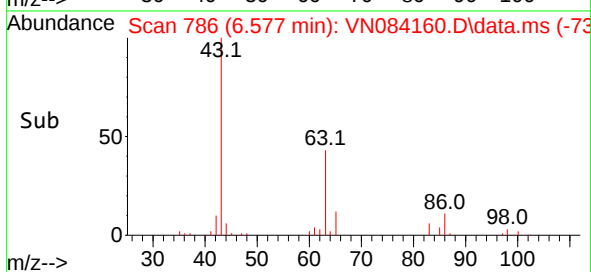
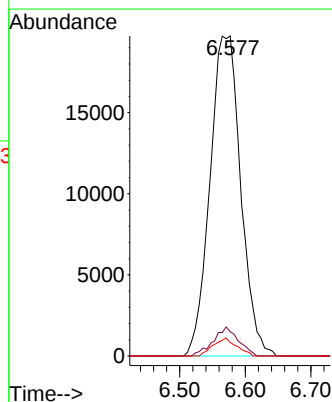
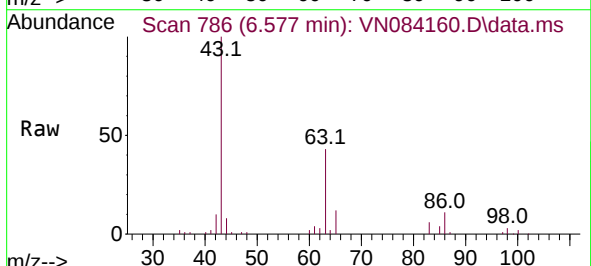
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0925WBSD01

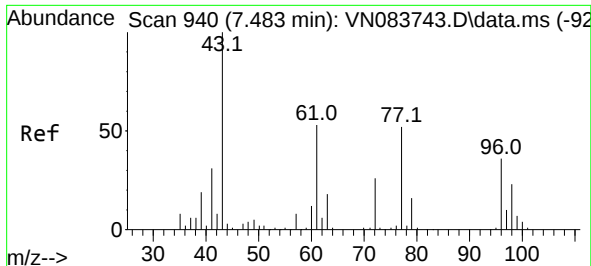
Tgt Ion: 43 Resp: 420791  
 Ion Ratio Lower Upper  
 43 100  
 86 10.5 8.7 13.1



#24  
 1,1-Dichloroethane  
 Concen: 18.765 ug/l  
 RT: 6.577 min Scan# 786  
 Delta R.T. 0.018 min  
 Lab File: VN084160.D  
 Acq: 25 Sep 2024 15:23

Tgt Ion: 63 Resp: 64279  
 Ion Ratio Lower Upper  
 63 100  
 98 7.6 3.5 10.4  
 100 4.2 2.5 7.5





#25

2-Butanone

Concen: 105.945 ug/l

RT: 7.482 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN084160.D

Acq: 25 Sep 2024 15:23

Instrument :

MSVOA\_N

ClientSampleId :

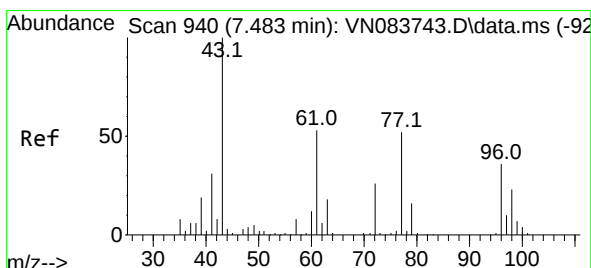
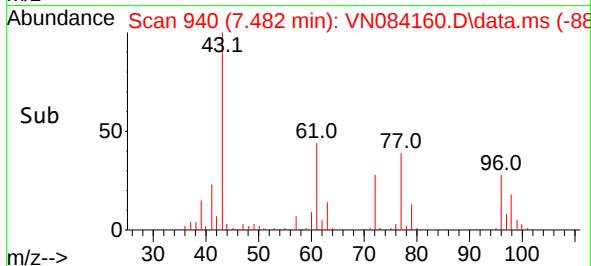
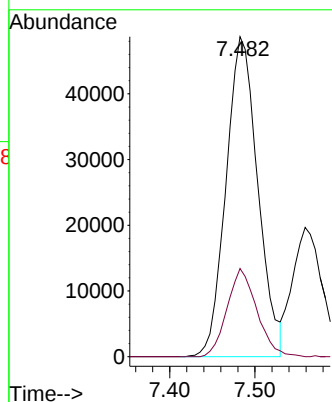
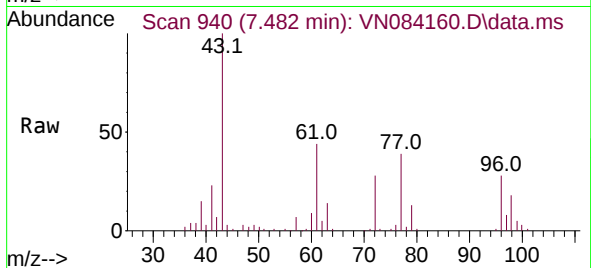
VN0925WBSD01

Tgt Ion: 43 Resp: 126143

Ion Ratio Lower Upper

43 100

72 27.6 20.8 31.2



#26

2,2-Dichloropropane

Concen: 18.664 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.012 min

Lab File: VN084160.D

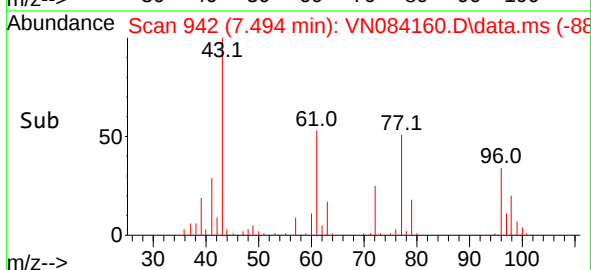
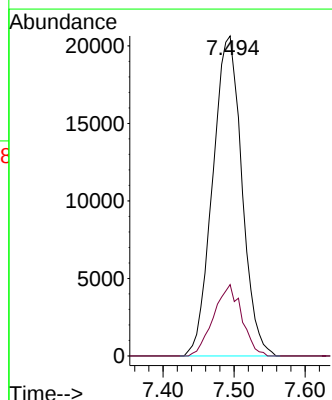
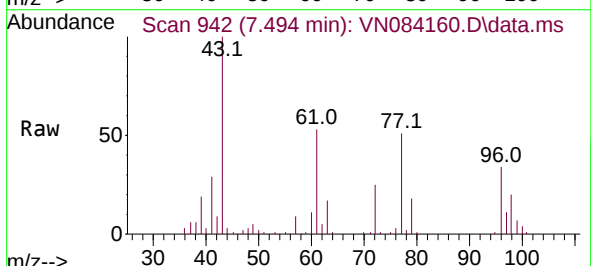
Acq: 25 Sep 2024 15:23

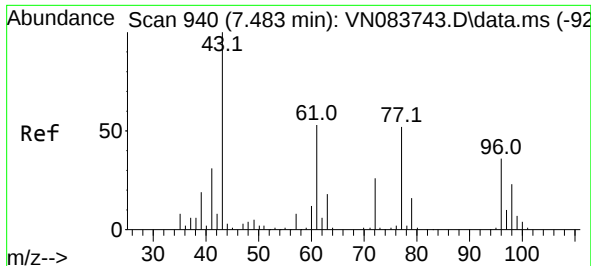
Tgt Ion: 77 Resp: 58876

Ion Ratio Lower Upper

77 100

97 21.5 10.2 30.4

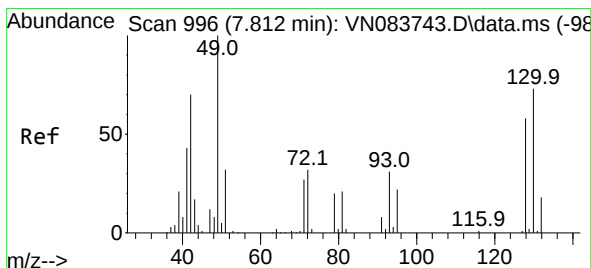
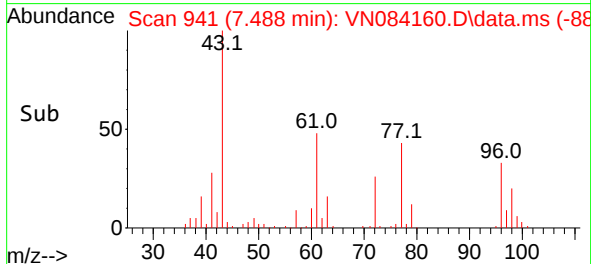
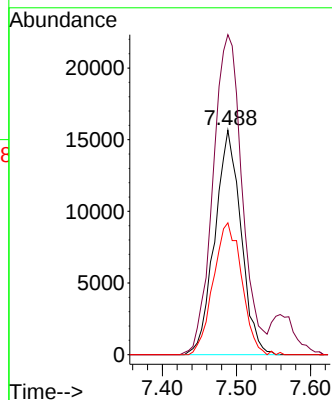
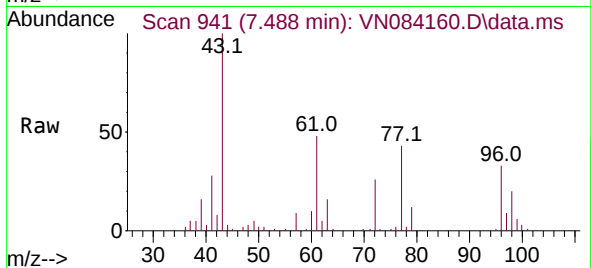




#27  
 cis-1,2-Dichloroethene  
 Concen: 18.672 ug/l  
 RT: 7.488 min Scan# 941  
 Delta R.T. 0.006 min  
 Lab File: VN084160.D  
 Acq: 25 Sep 2024 15:23

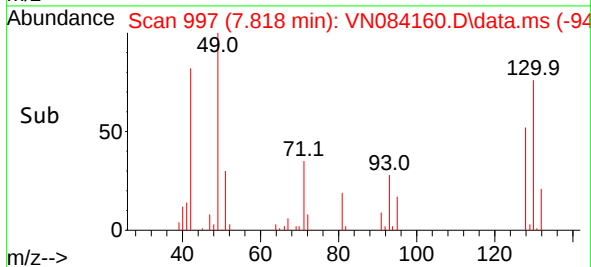
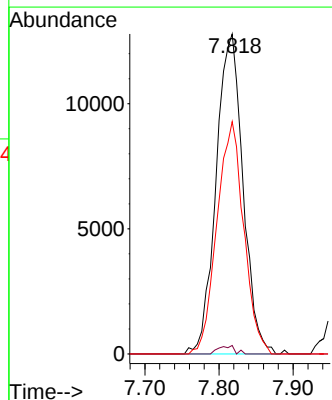
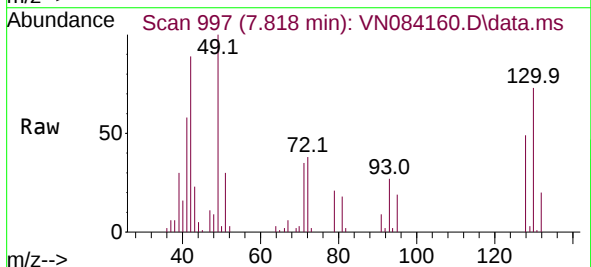
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0925WBSD01

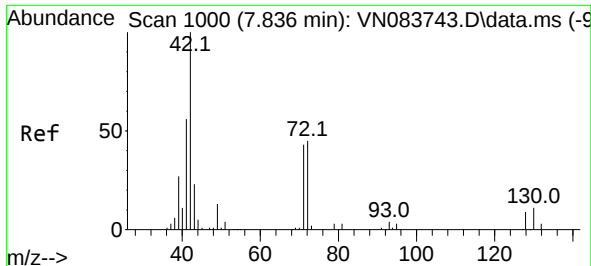
Tgt Ion: 96 Resp: 38506  
 Ion Ratio Lower Upper  
 96 100  
 61 158.5 0.0 306.2  
 98 63.4 0.0 128.6



#28  
 Bromochloromethane  
 Concen: 22.343 ug/l  
 RT: 7.818 min Scan# 997  
 Delta R.T. 0.006 min  
 Lab File: VN084160.D  
 Acq: 25 Sep 2024 15:23

Tgt Ion: 49 Resp: 32230  
 Ion Ratio Lower Upper  
 49 100  
 129 1.6 0.0 3.4  
 130 72.4 60.2 90.2





#29

Tetrahydrofuran

Concen: 109.594 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN084160.D

Acq: 25 Sep 2024 15:23

Instrument :

MSVOA\_N

ClientSampleId :

VN0925WBSD01

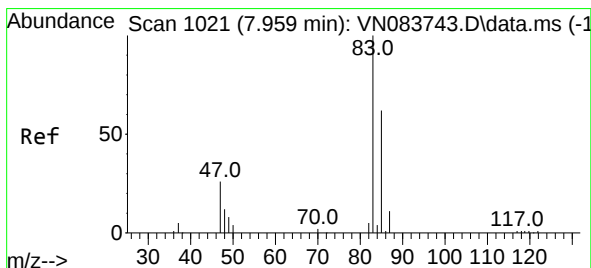
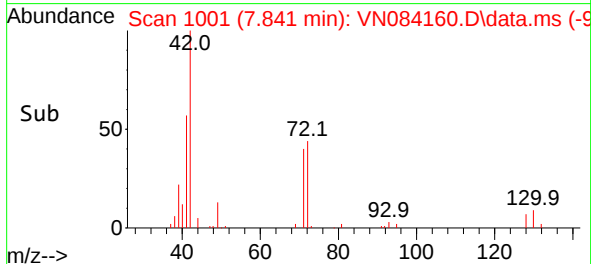
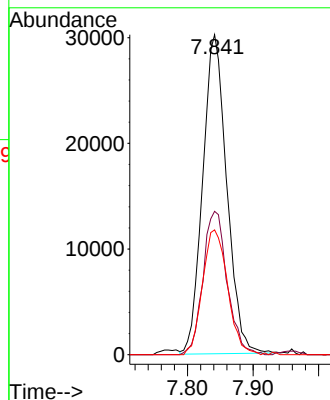
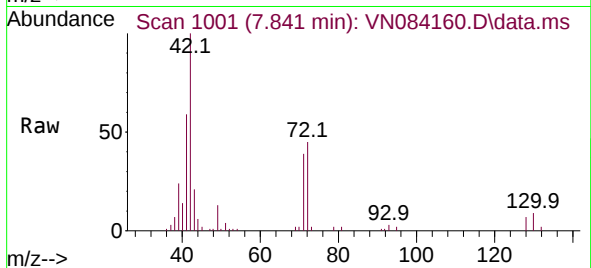
Tgt Ion: 42 Resp: 77157

Ion Ratio Lower Upper

42 100

72 45.1 35.9 53.9

71 40.7 33.9 50.9



#30

Chloroform

Concen: 18.894 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN084160.D

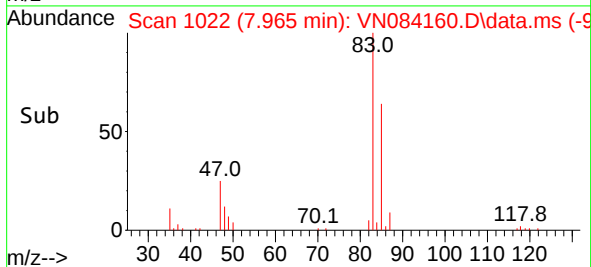
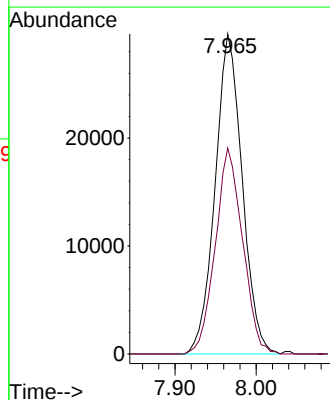
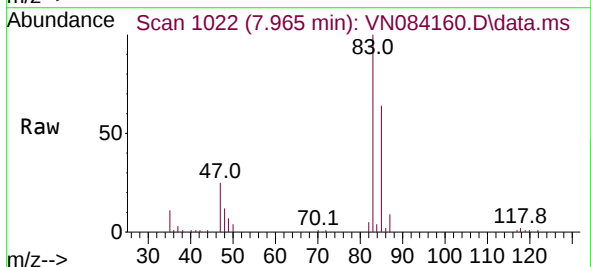
Acq: 25 Sep 2024 15:23

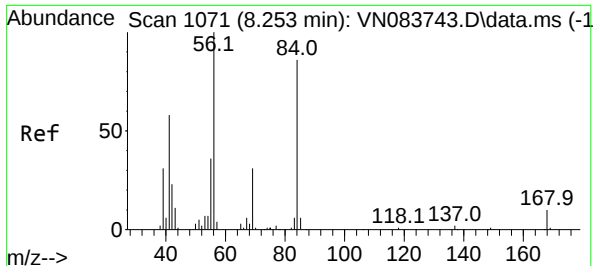
Tgt Ion: 83 Resp: 68709

Ion Ratio Lower Upper

83 100

85 64.3 52.8 79.2

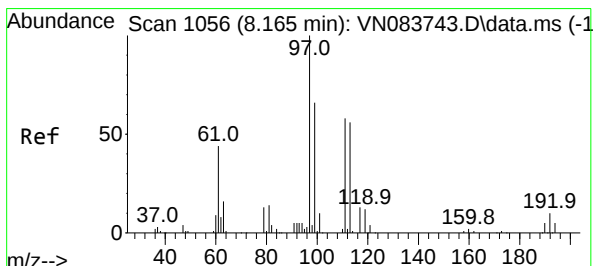
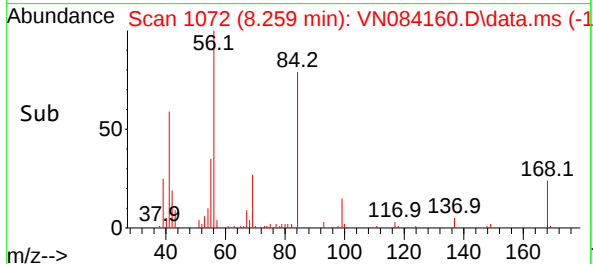
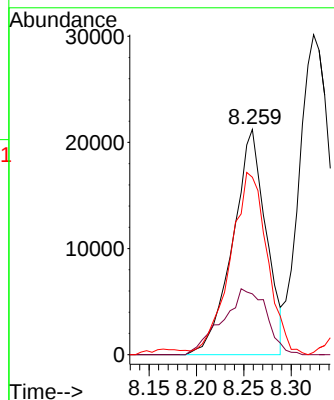
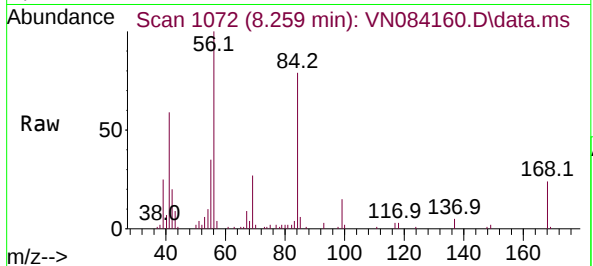




#31  
Cyclohexane  
Concen: 15.850 ug/l  
RT: 8.259 min Scan# 1071  
Delta R.T. 0.006 min  
Lab File: VN084160.D  
Acq: 25 Sep 2024 15:23

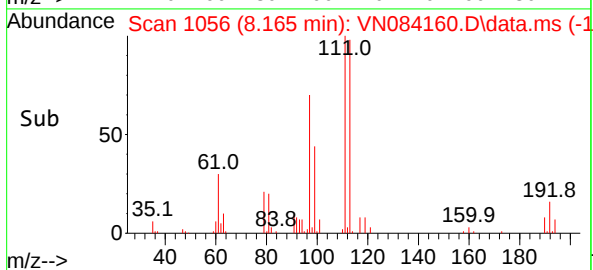
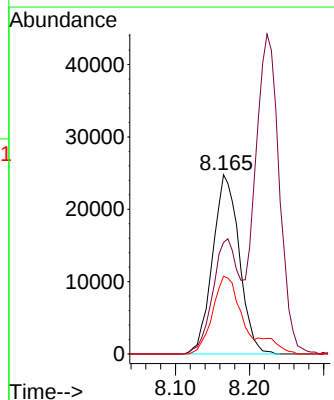
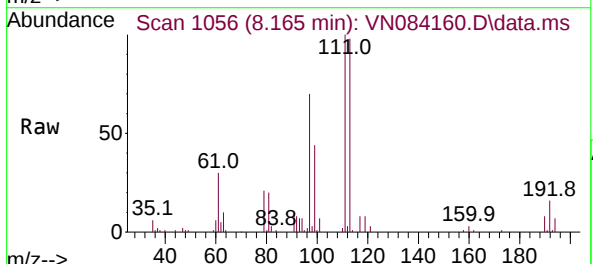
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0925WBSD01

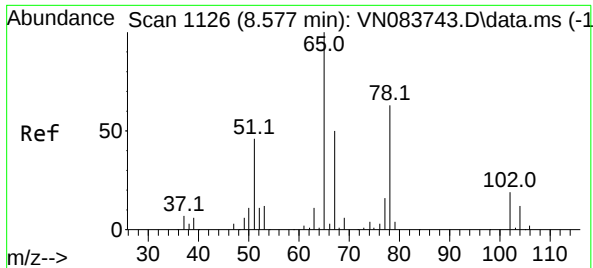
Tgt Ion: 56 Resp: 51765  
Ion Ratio Lower Upper  
56 100  
69 27.0 26.9 40.3  
84 76.9 69.2 103.8



#32  
1,1,1-Trichloroethane  
Concen: 18.455 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: VN084160.D  
Acq: 25 Sep 2024 15:23

Tgt Ion: 97 Resp: 61713  
Ion Ratio Lower Upper  
97 100  
99 60.8 52.3 78.5  
61 47.4 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 47.139 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN084160.D

Acq: 25 Sep 2024 15:23

Instrument :

MSVOA\_N

ClientSampleId :

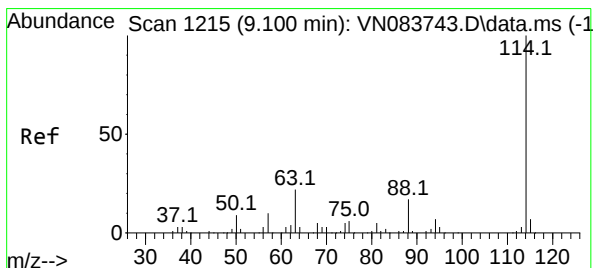
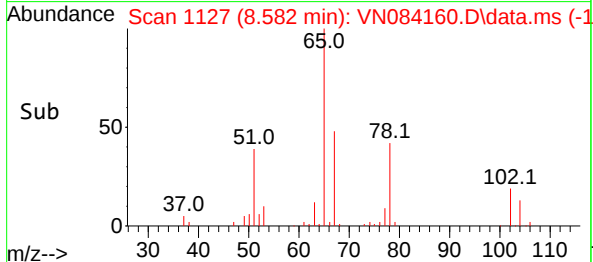
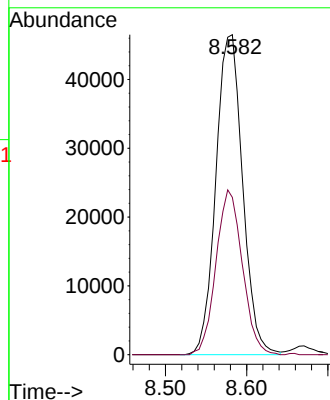
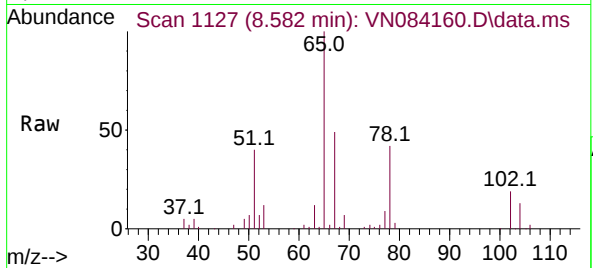
VN0925WBSD01

Tgt Ion: 65 Resp: 106525

Ion Ratio Lower Upper

65 100

67 50.7 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN084160.D

Acq: 25 Sep 2024 15:23

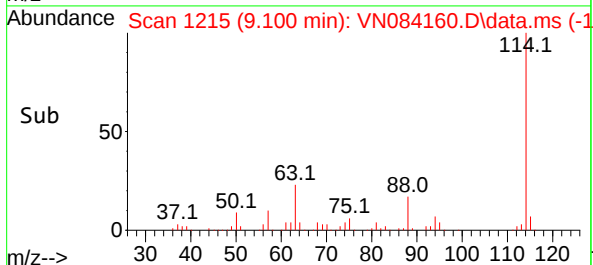
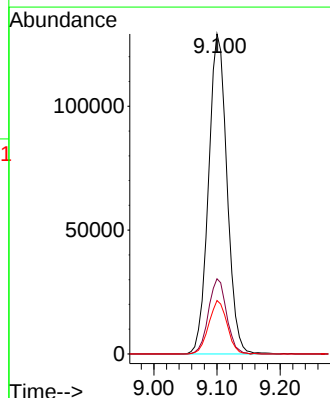
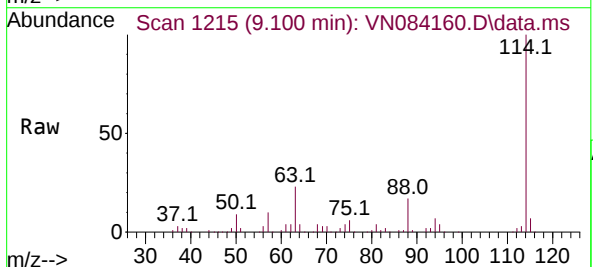
Tgt Ion: 114 Resp: 262646

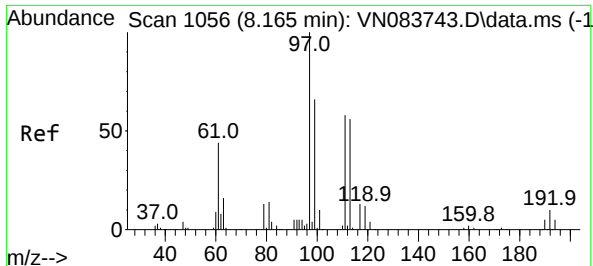
Ion Ratio Lower Upper

114 100

63 23.5 0.0 43.4

88 16.7 0.0 32.6

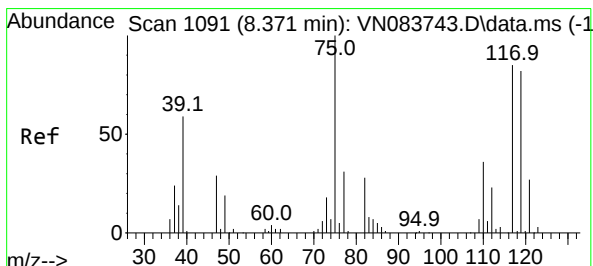
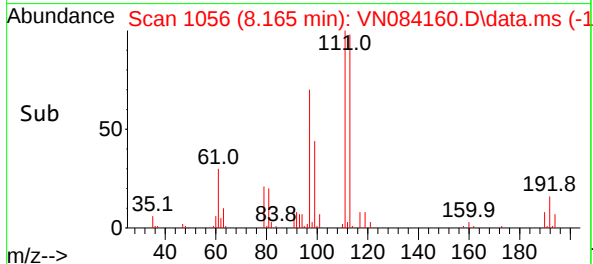
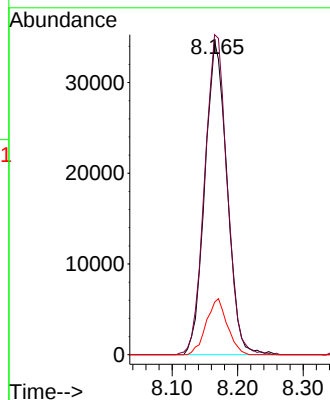
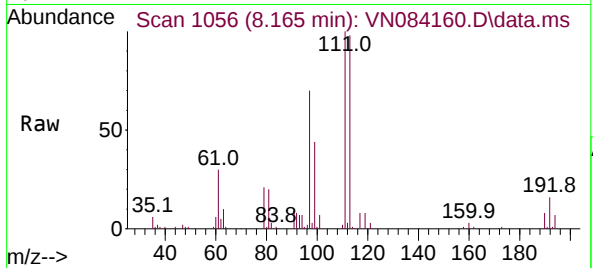




#35  
Dibromofluoromethane  
Concen: 48.447 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: VN084160.D  
Acq: 25 Sep 2024 15:23

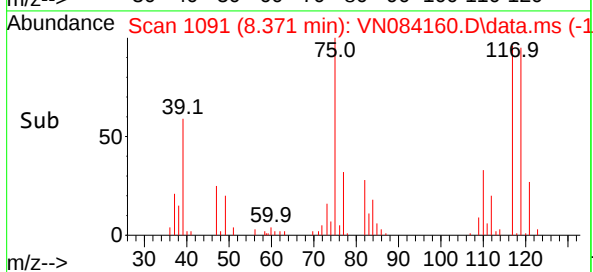
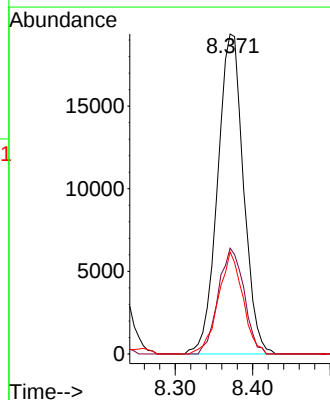
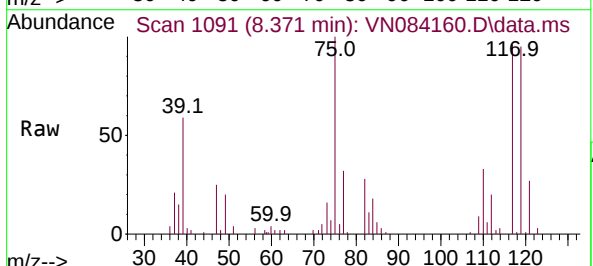
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0925WBSD01

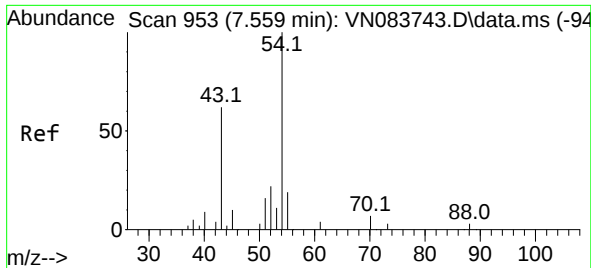
Tgt Ion:113 Resp: 81460  
Ion Ratio Lower Upper  
113 100  
111 103.4 82.6 124.0  
192 16.9 14.3 21.5



#36  
1,1-Dichloropropene  
Concen: 17.777 ug/l  
RT: 8.371 min Scan# 1091  
Delta R.T. -0.000 min  
Lab File: VN084160.D  
Acq: 25 Sep 2024 15:23

Tgt Ion: 75 Resp: 44991  
Ion Ratio Lower Upper  
75 100  
110 32.8 16.7 50.1  
77 30.1 25.2 37.8

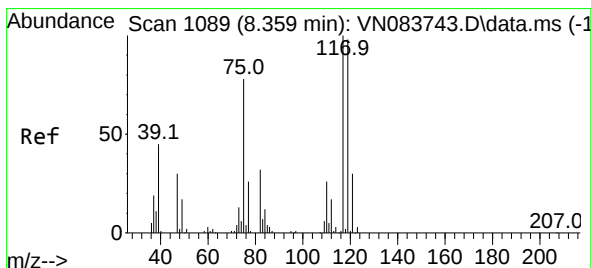
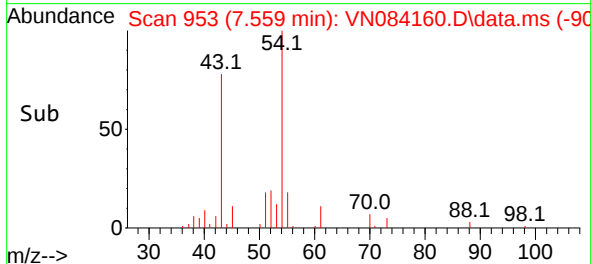
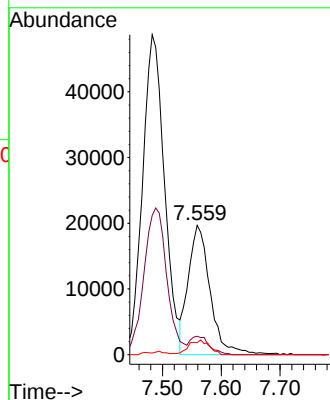
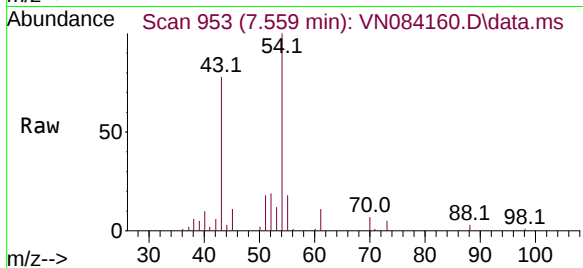




#37  
Ethyl Acetate  
Concen: 22.202 ug/l  
RT: 7.559 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN084160.D  
Acq: 25 Sep 2024 15:23

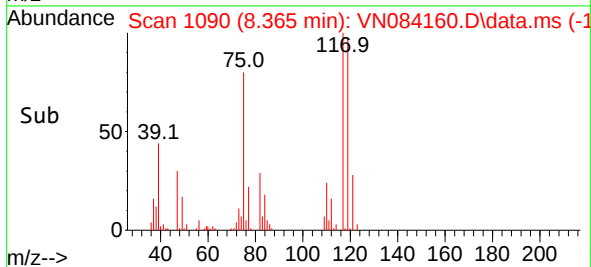
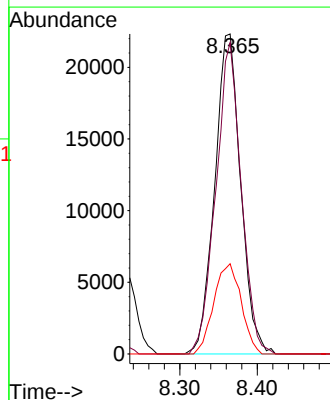
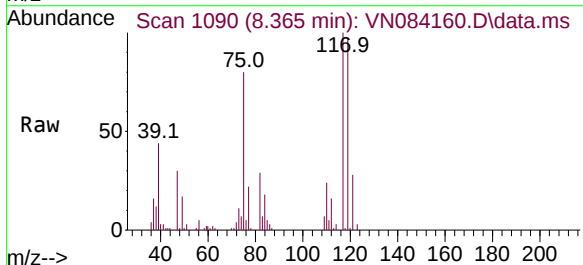
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0925WBSD01

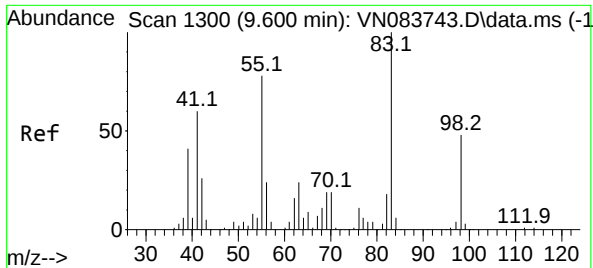
Tgt Ion: 43 Resp: 51003  
Ion Ratio Lower Upper  
43 100  
61 12.3 11.1 16.7  
70 10.4 8.8 13.2



#38  
Carbon Tetrachloride  
Concen: 18.091 ug/l  
RT: 8.365 min Scan# 1090  
Delta R.T. 0.006 min  
Lab File: VN084160.D  
Acq: 25 Sep 2024 15:23

Tgt Ion: 117 Resp: 51941  
Ion Ratio Lower Upper  
117 100  
119 97.3 76.1 114.1  
121 28.2 24.1 36.1





#39

Methylcyclohexane

Concen: 15.604 ug/l

RT: 9.600 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN084160.D

Acq: 25 Sep 2024 15:23

Instrument :

MSVOA\_N

ClientSampleId :

VN0925WBSD01

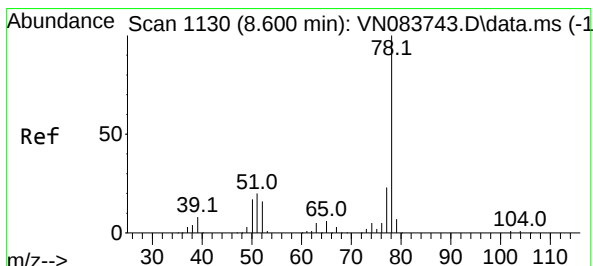
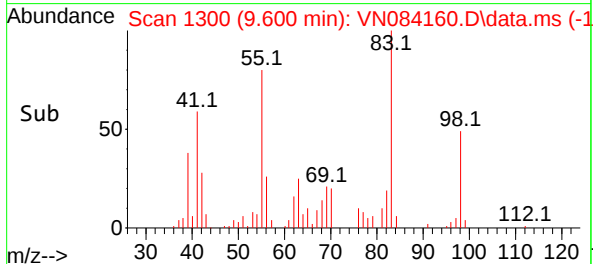
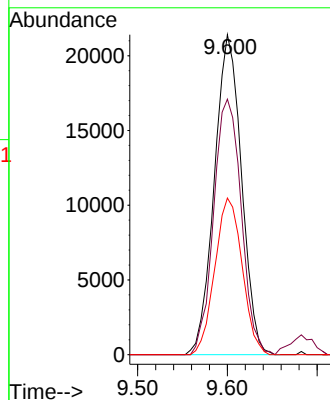
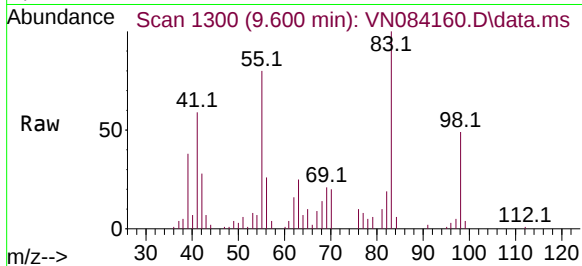
Tgt Ion: 83 Resp: 44951

Ion Ratio Lower Upper

83 100

55 79.9 62.2 93.4

98 48.9 37.6 56.4



#40

Benzene

Concen: 18.681 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN084160.D

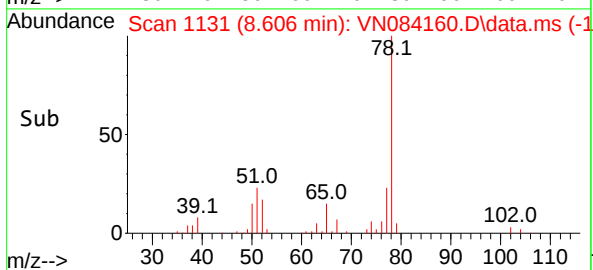
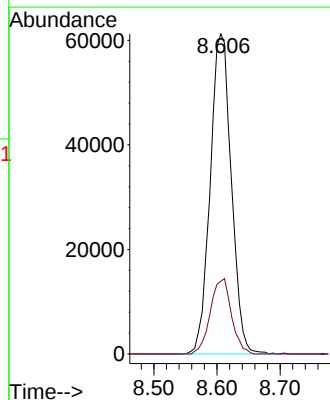
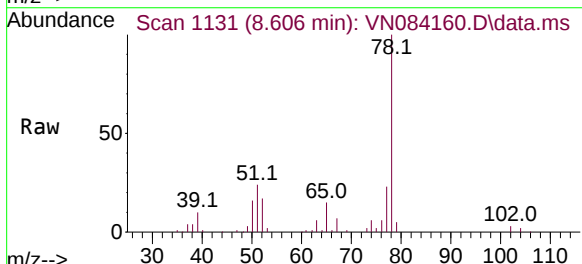
Acq: 25 Sep 2024 15:23

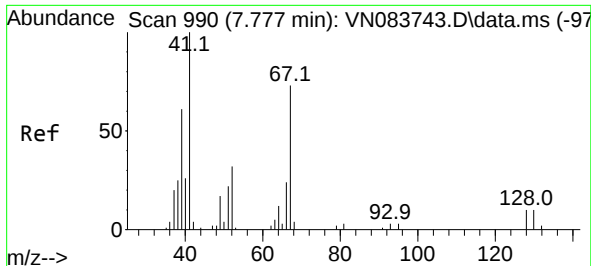
Tgt Ion: 78 Resp: 142301

Ion Ratio Lower Upper

78 100

77 22.7 19.0 28.6

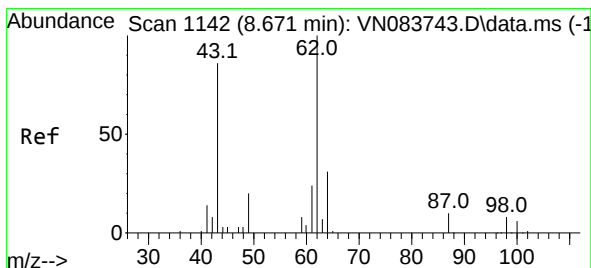
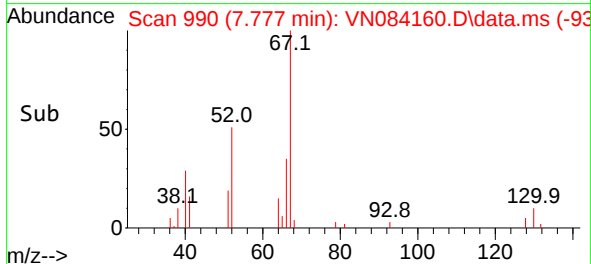
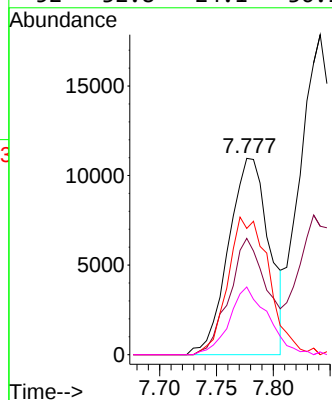
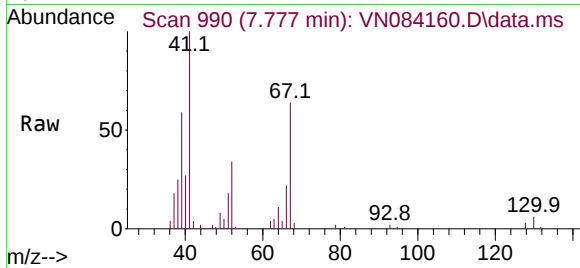




#41  
Methacrylonitrile  
Concen: 20.116 ug/l  
RT: 7.777 min Scan# 990  
Delta R.T. -0.000 min  
Lab File: VN084160.D  
Acq: 25 Sep 2024 15:23

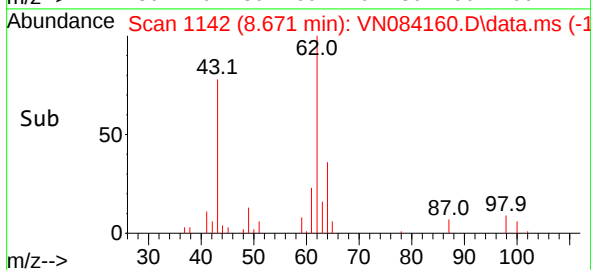
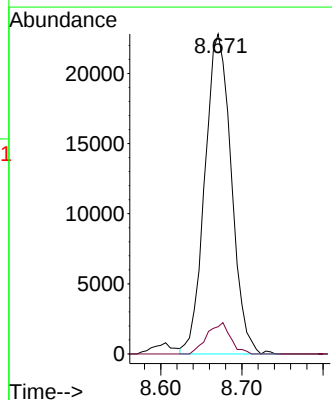
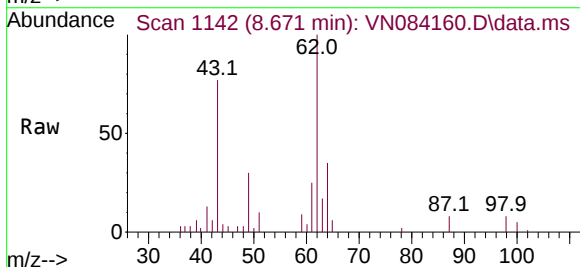
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0925WBSD01

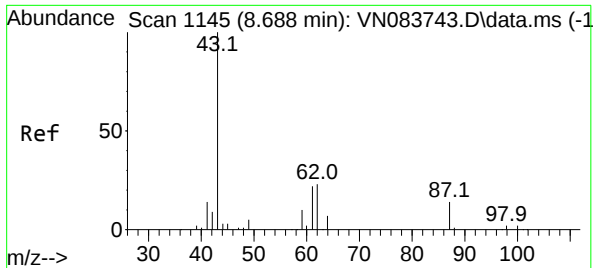
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 27332 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 55.2  | 45.4  | 68.2  |
| 67       | 71.3  | 55.9  | 83.9  |
| 52       | 32.8  | 24.1  | 36.1  |



#42  
1,2-Dichloroethane  
Concen: 18.158 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. -0.000 min  
Lab File: VN084160.D  
Acq: 25 Sep 2024 15:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 51684 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.6   | 0.0   | 16.6  |

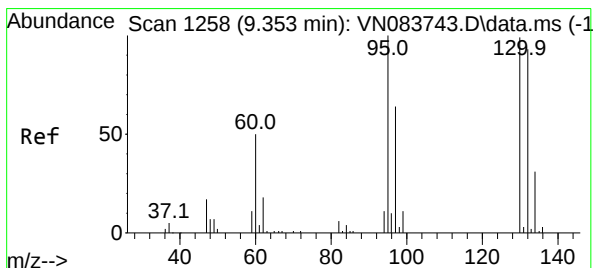
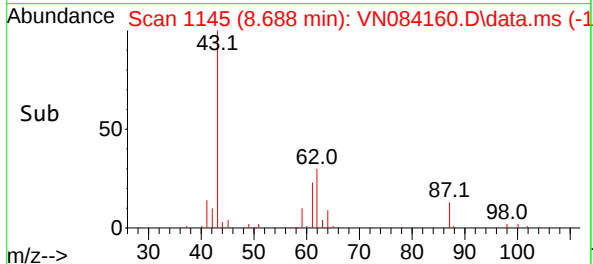
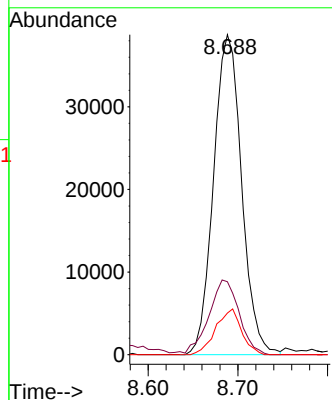
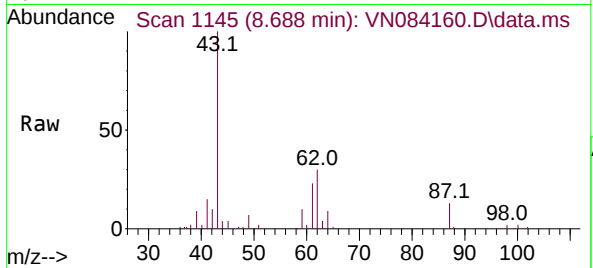




#43  
Isopropyl Acetate  
Concen: 20.195 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. -0.000 min  
Lab File: VN084160.D  
Acq: 25 Sep 2024 15:23

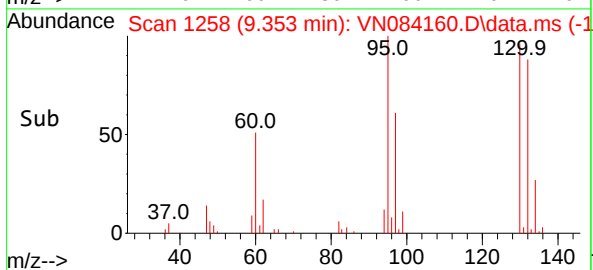
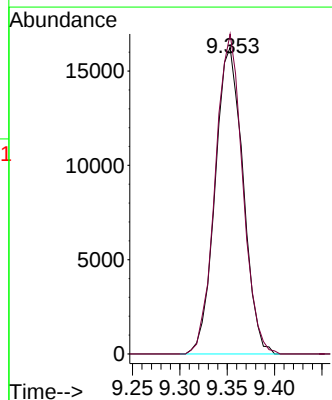
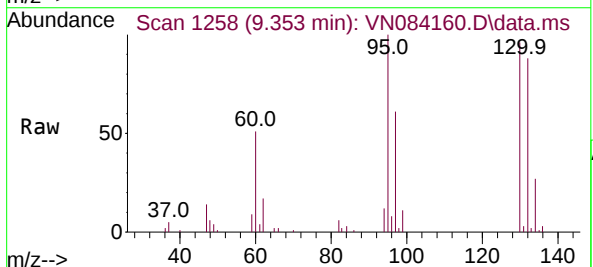
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0925WBSD01

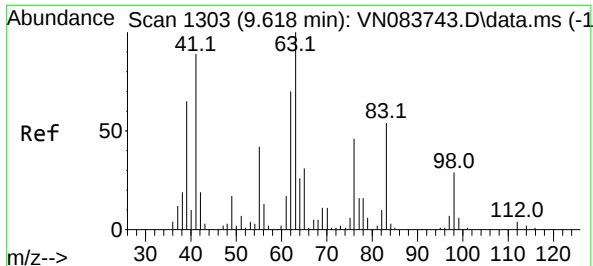
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 84068 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 61        | 25.4  | 19.4  | 29.0  |
| 87        | 13.1  | 9.8   | 14.6  |



#44  
Trichloroethene  
Concen: 18.860 ug/l  
RT: 9.353 min Scan# 1258  
Delta R.T. -0.000 min  
Lab File: VN084160.D  
Acq: 25 Sep 2024 15:23

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 130   | Resp: | 33269 |
| Ion Ratio | Lower | Upper |       |
| 130       | 100   |       |       |
| 95        | 104.4 | 0.0   | 200.4 |





#45

1,2-Dichloropropane

Concen: 19.922 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN084160.D

Acq: 25 Sep 2024 15:23

Instrument :

MSVOA\_N

ClientSampleId :

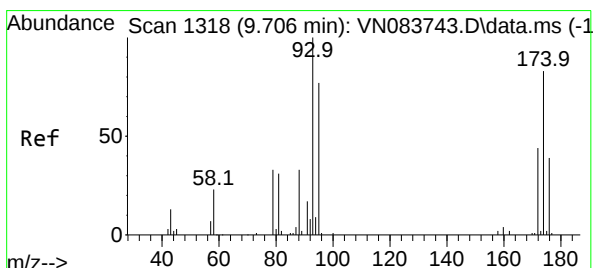
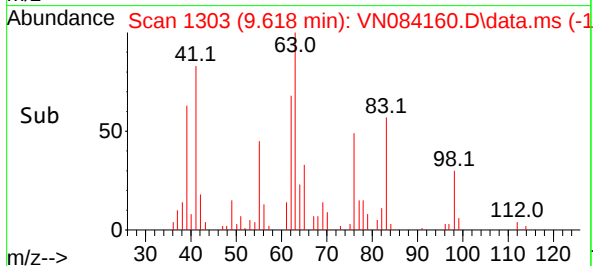
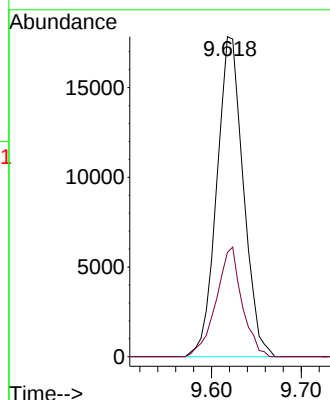
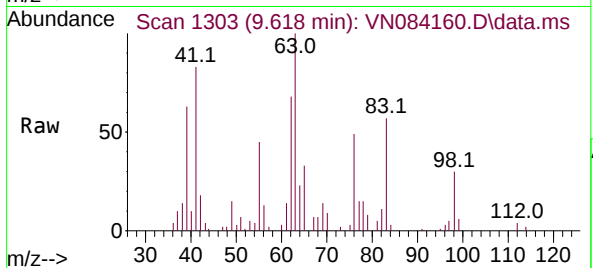
VN0925WBSD01

Tgt Ion: 63 Resp: 36678

Ion Ratio Lower Upper

63 100

65 32.6 25.9 38.9



#46

Dibromomethane

Concen: 19.605 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN084160.D

Acq: 25 Sep 2024 15:23

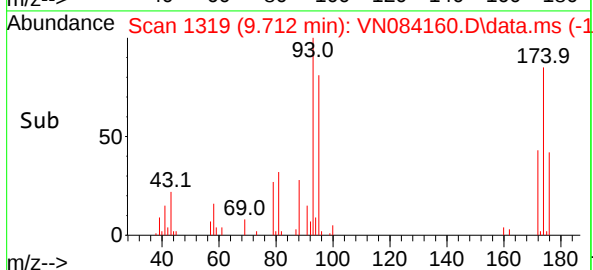
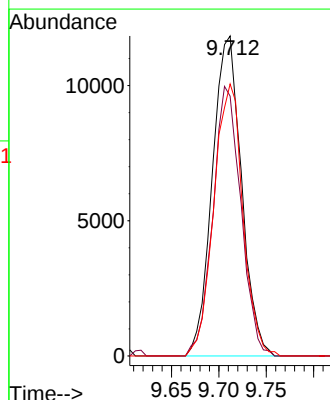
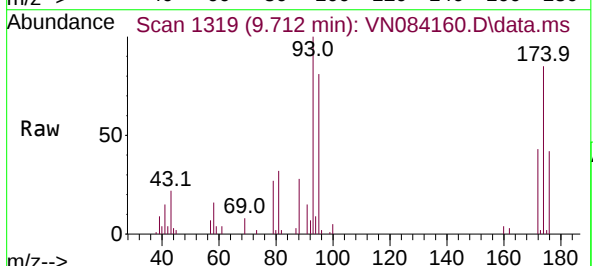
Tgt Ion: 93 Resp: 25281

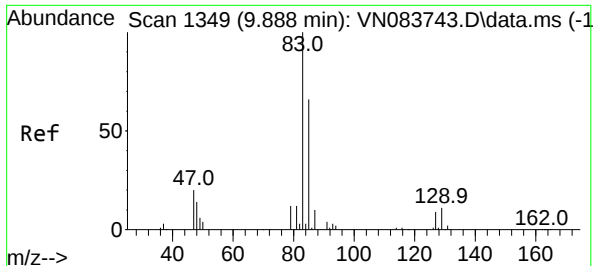
Ion Ratio Lower Upper

93 100

95 81.0 65.3 97.9

174 84.7 71.0 106.4

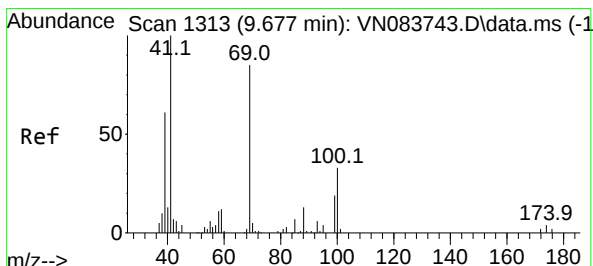
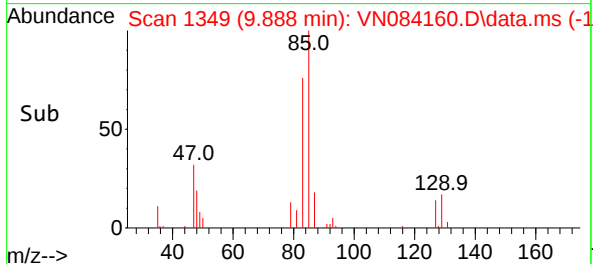
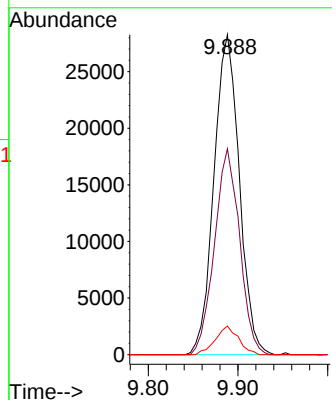
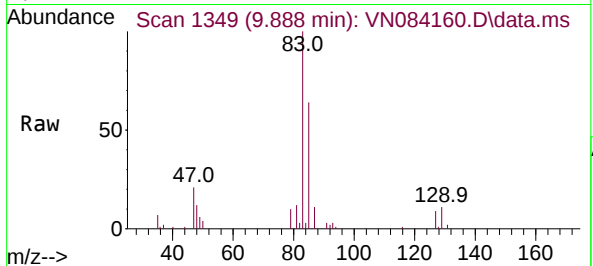




#47  
Bromodichloromethane  
Concen: 19.870 ug/l  
RT: 9.888 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN084160.D  
Acq: 25 Sep 2024 15:23

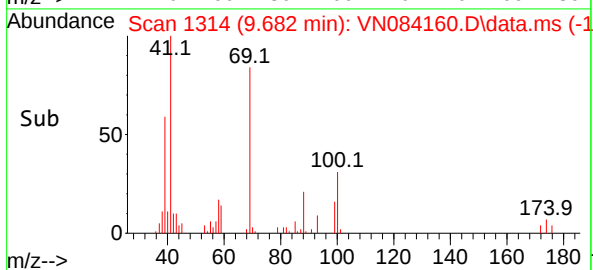
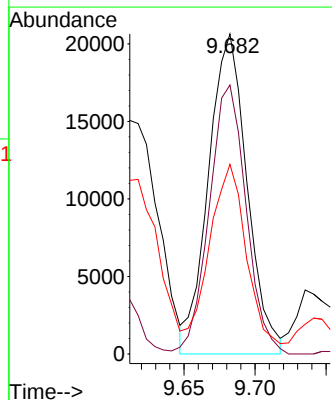
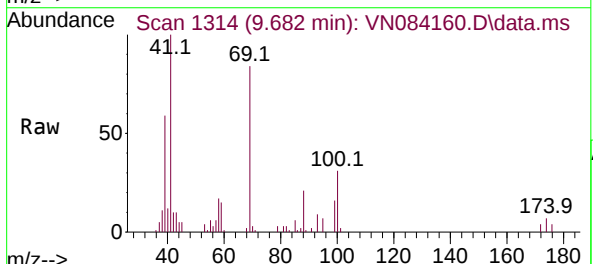
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MSVOA\_N  
ClientSampleId :  
VN0925WBSD01

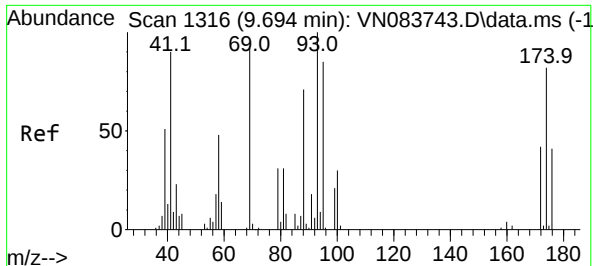
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 55454 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 64.4  | 51.8  | 77.8  |
| 127      | 8.9   | 6.6   | 9.8   |



#48  
Methyl methacrylate  
Concen: 19.767 ug/l  
RT: 9.682 min Scan# 1314  
Delta R.T. 0.006 min  
Lab File: VN084160.D  
Acq: 25 Sep 2024 15:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 39041 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 80.4  | 64.3  | 96.5  |
| 39       | 58.7  | 48.9  | 73.3  |





#49

1,4-Dioxane

Concen: 412.031 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN084160.D

Acq: 25 Sep 2024 15:23

Instrument :

MSVOA\_N

ClientSampleId :

VN0925WBSD01

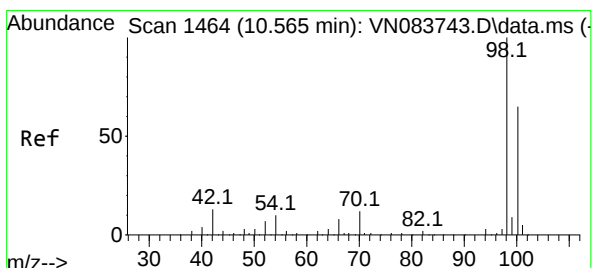
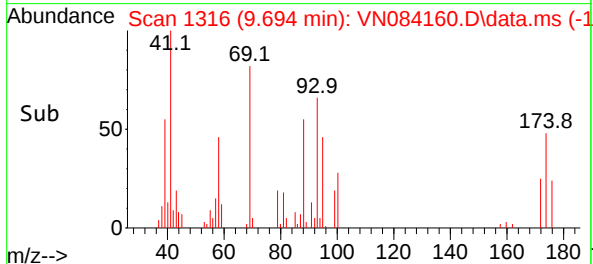
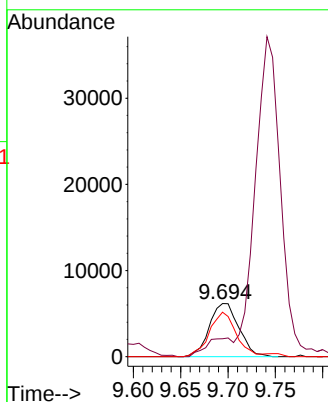
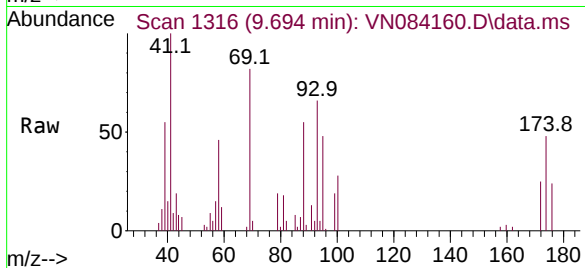
Tgt Ion: 88 Resp: 13387

Ion Ratio Lower Upper

88 100

43 32.2 0.0 0.0#

58 76.3 57.1 85.7



#50

Toluene-d8

Concen: 49.795 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084160.D

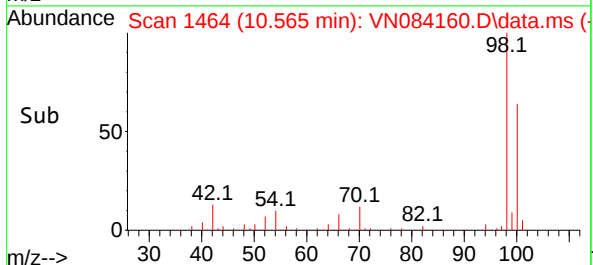
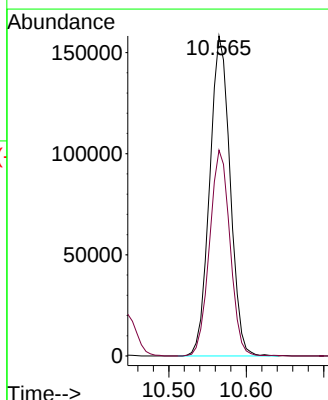
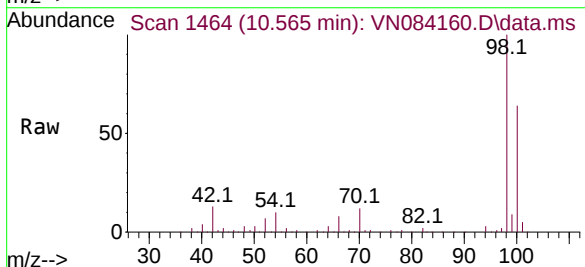
Acq: 25 Sep 2024 15:23

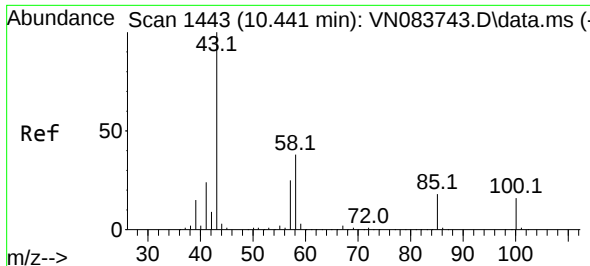
Tgt Ion: 98 Resp: 289445

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0

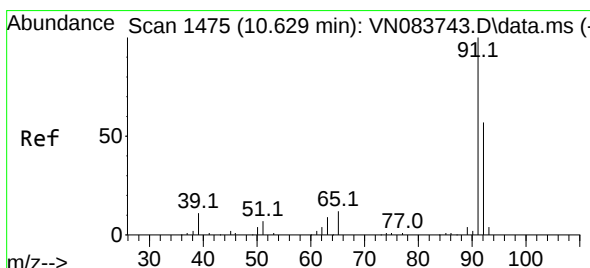
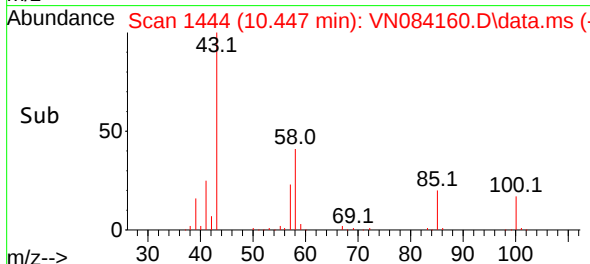
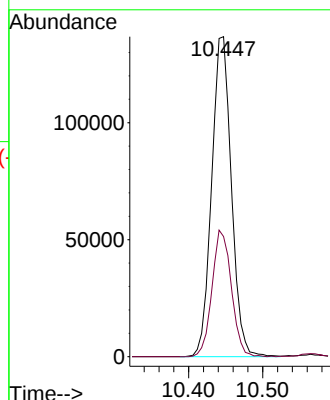
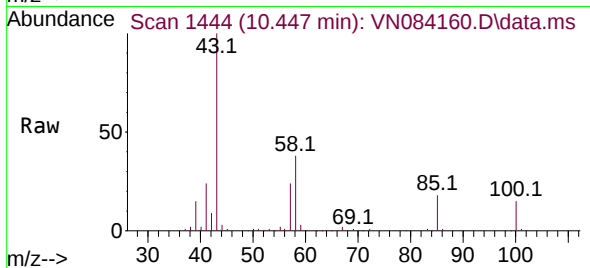




#51  
4-Methyl-2-Pentanone  
Concen: 111.514 ug/l  
RT: 10.447 min Scan# 1443  
Delta R.T. 0.006 min  
Lab File: VN084160.D  
Acq: 25 Sep 2024 15:23

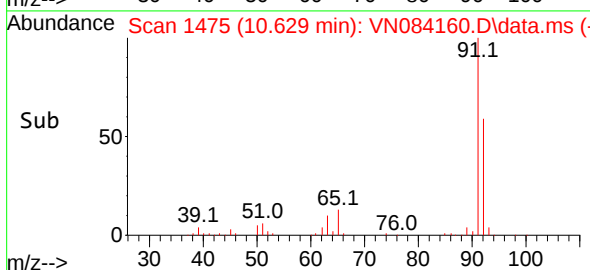
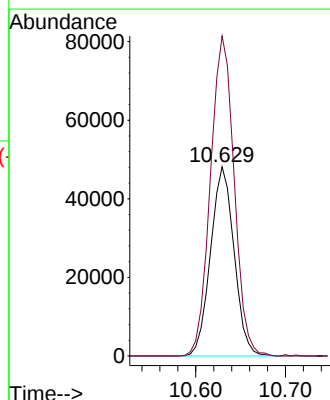
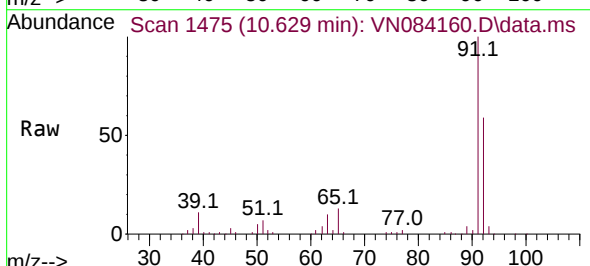
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0925WBSD01

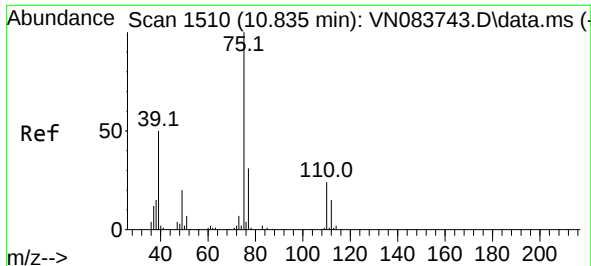
Tgt Ion: 43 Resp: 252696  
Ion Ratio Lower Upper  
43 100  
58 38.8 31.6 47.4



#52  
Toluene  
Concen: 18.777 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VN084160.D  
Acq: 25 Sep 2024 15:23

Tgt Ion: 92 Resp: 87489  
Ion Ratio Lower Upper  
92 100  
91 170.9 134.7 202.1

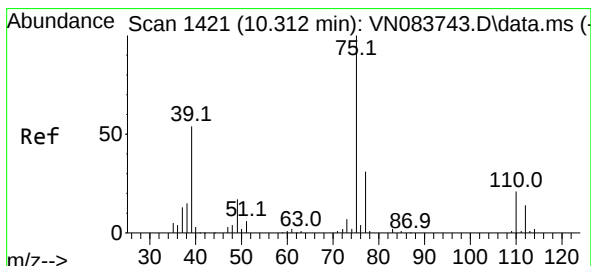
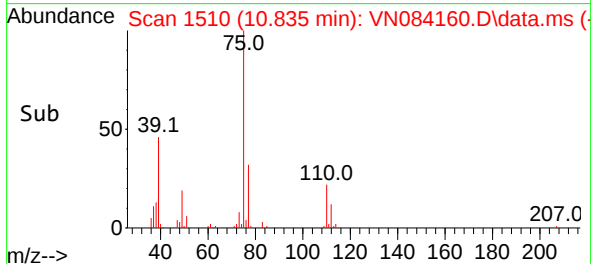
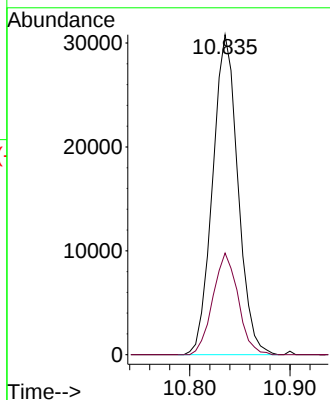
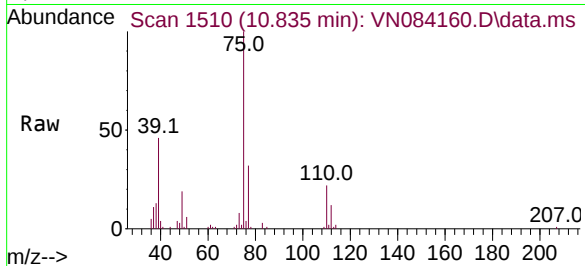




#53  
t-1,3-Dichloropropene  
Concen: 19.098 ug/l  
RT: 10.835 min Scan# 1510  
Delta R.T. -0.000 min  
Lab File: VN084160.D  
Acq: 25 Sep 2024 15:23

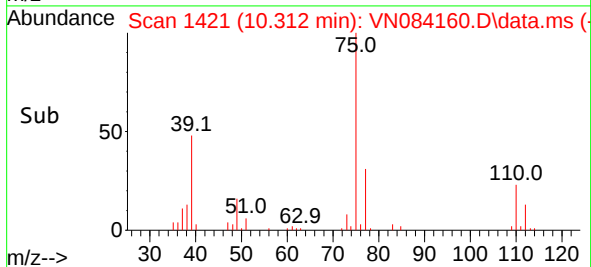
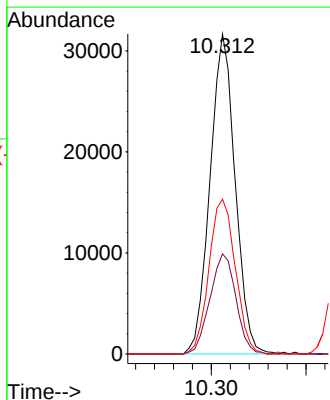
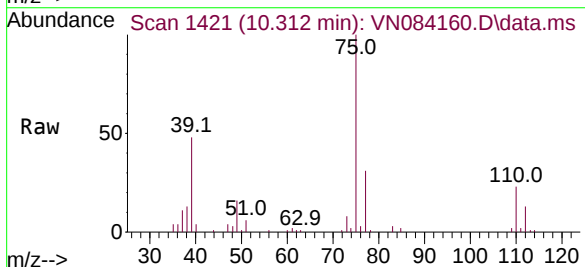
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0925WBSD01

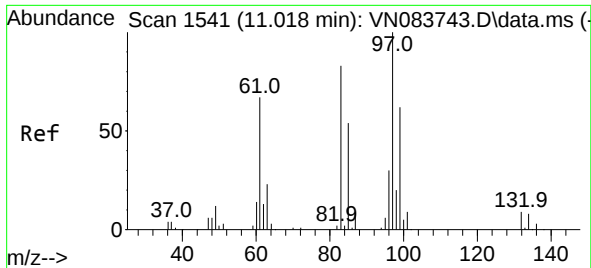
Tgt Ion: 75 Resp: 54025  
Ion Ratio Lower Upper  
75 100  
77 31.8 25.8 38.6



#54  
cis-1,3-Dichloropropene  
Concen: 19.612 ug/l  
RT: 10.312 min Scan# 1421  
Delta R.T. -0.000 min  
Lab File: VN084160.D  
Acq: 25 Sep 2024 15:23

Tgt Ion: 75 Resp: 58276  
Ion Ratio Lower Upper  
75 100  
77 31.3 25.0 37.6  
39 48.4 42.6 64.0

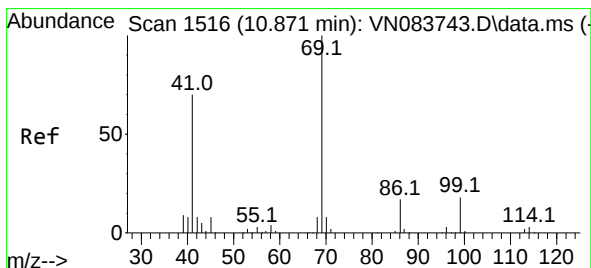
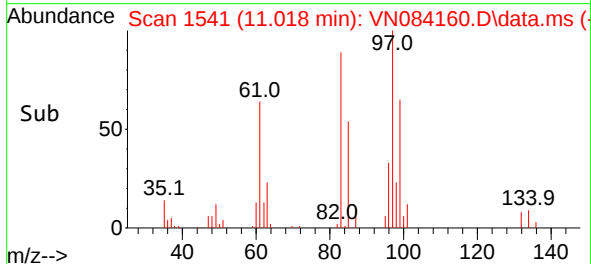
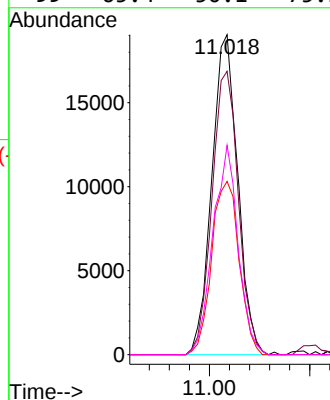
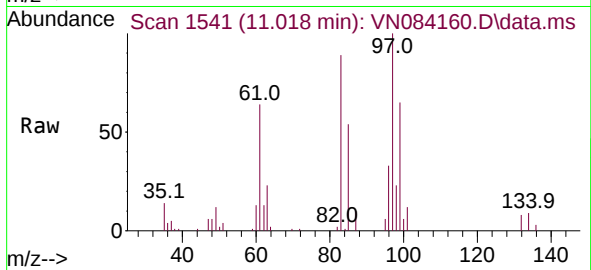




#55  
1,1,2-Trichloroethane  
Concen: 19.672 ug/l  
RT: 11.018 min Scan# 1541  
Delta R.T. -0.000 min  
Lab File: VN084160.D  
Acq: 25 Sep 2024 15:23

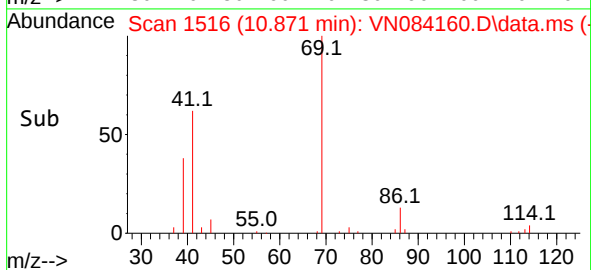
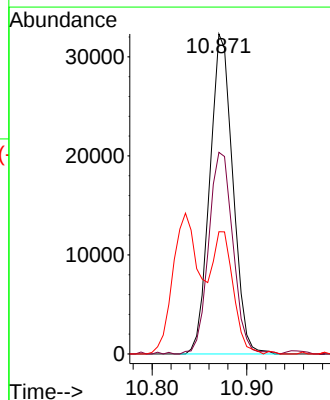
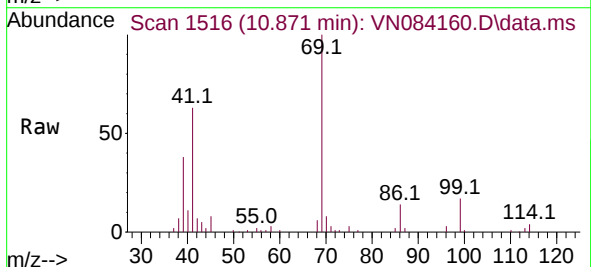
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MSVOA\_N  
ClientSampleId :  
VN0925WBSD01

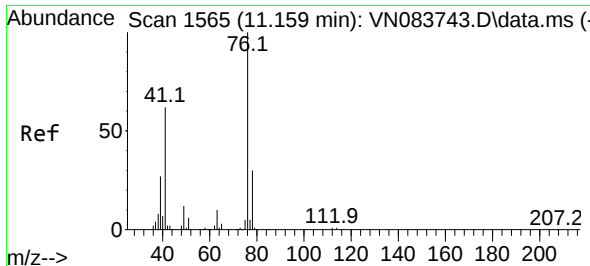
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 34219 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 88.6     | 67.5 101.3  |
| 85 54.2     | 44.2 66.2   |
| 99 65.4     | 50.1 75.1   |



#56  
Ethyl methacrylate  
Concen: 20.417 ug/l  
RT: 10.871 min Scan# 1516  
Delta R.T. -0.000 min  
Lab File: VN084160.D  
Acq: 25 Sep 2024 15:23

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 54640 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 66.5     | 53.9 80.9   |
| 39 33.5     | 32.6 48.8   |





#57

1,3-Dichloropropane

Concen: 20.074 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN084160.D

Acq: 25 Sep 2024 15:23

Instrument :

MSVOA\_N

ClientSampleId :

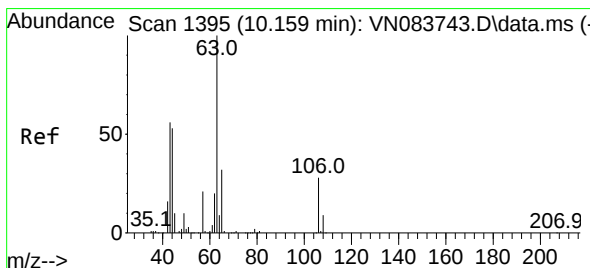
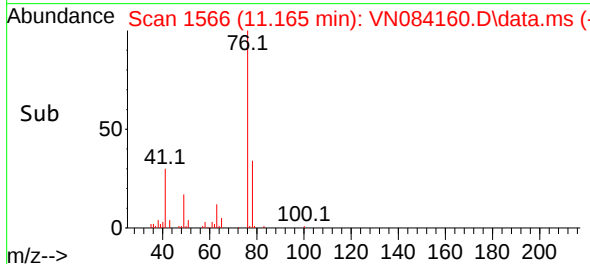
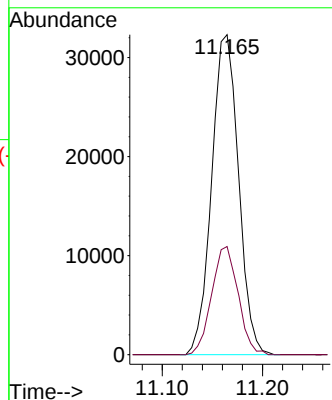
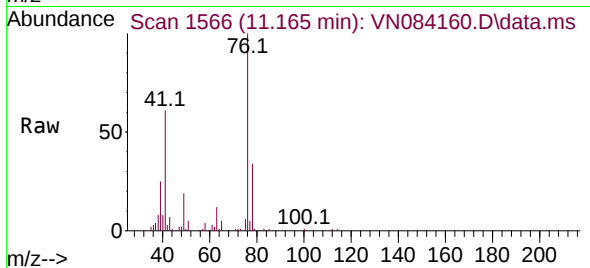
VN0925WBSD01

Tgt Ion: 76 Resp: 60012

Ion Ratio Lower Upper

76 100

78 33.2 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 116.790 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN084160.D

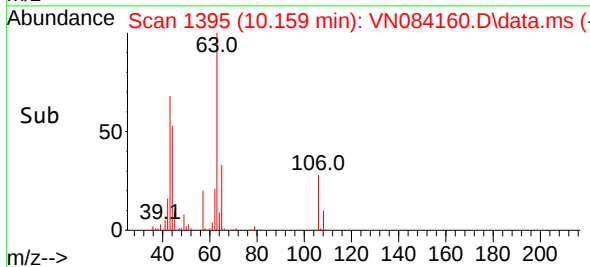
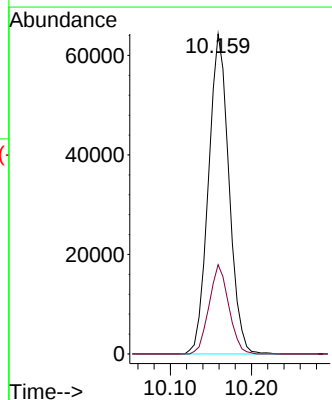
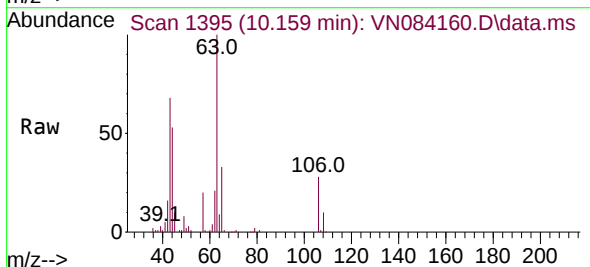
Acq: 25 Sep 2024 15:23

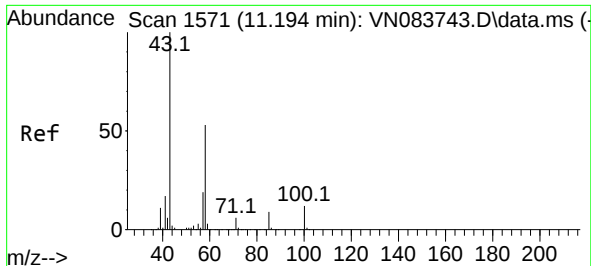
Tgt Ion: 63 Resp: 112621

Ion Ratio Lower Upper

63 100

106 26.8 23.3 34.9

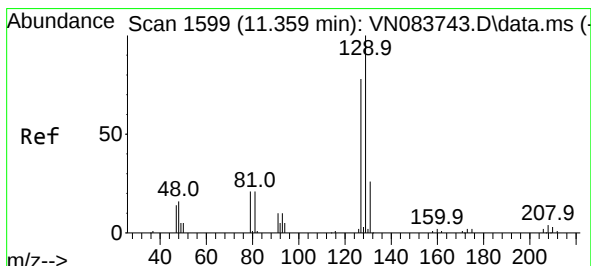
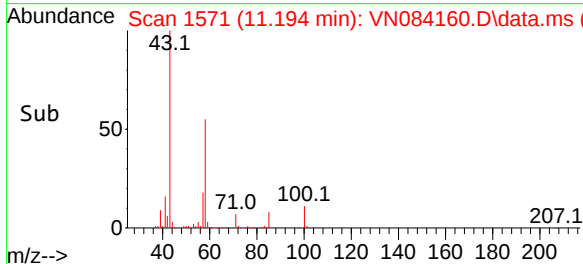
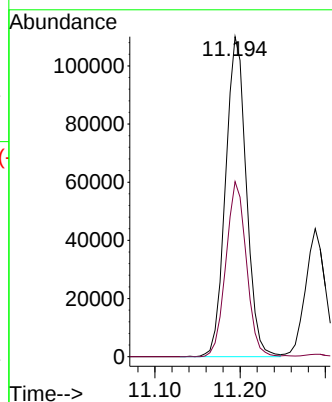
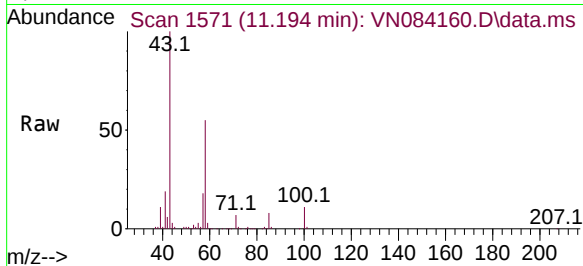




#59  
2-Hexanone  
Concen: 111.256 ug/l  
RT: 11.194 min Scan# 1571  
Delta R.T. -0.000 min  
Lab File: VN084160.D  
Acq: 25 Sep 2024 15:23

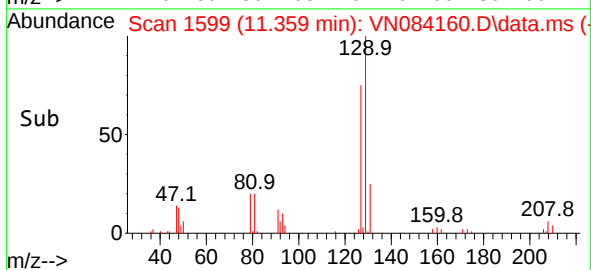
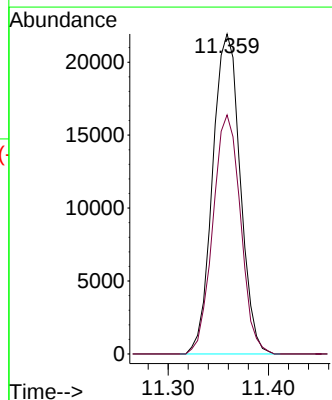
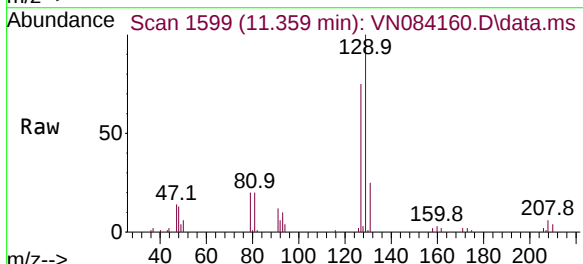
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0925WBSD01

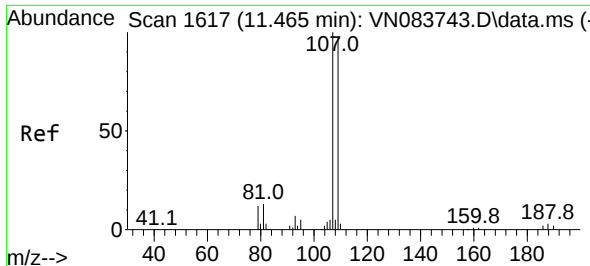
Tgt Ion: 43 Resp: 186493  
Ion Ratio Lower Upper  
43 100  
58 54.0 27.2 81.5



#60  
Dibromochloromethane  
Concen: 21.439 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. -0.000 min  
Lab File: VN084160.D  
Acq: 25 Sep 2024 15:23

Tgt Ion: 129 Resp: 41736  
Ion Ratio Lower Upper  
129 100  
127 75.0 39.0 116.9

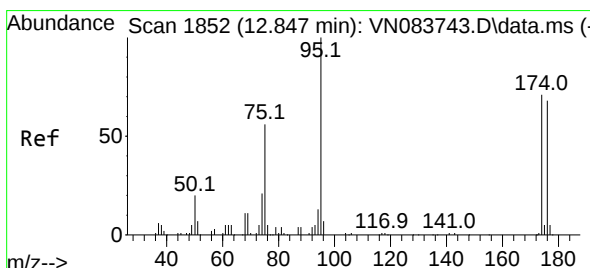
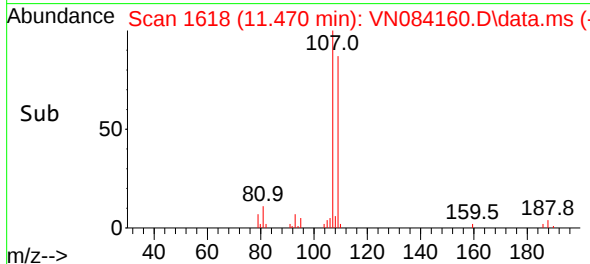
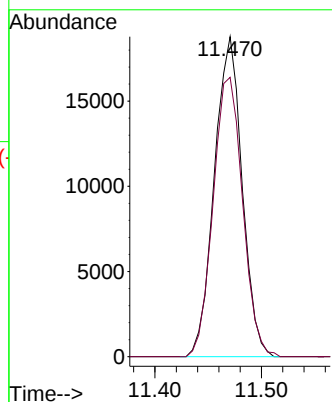
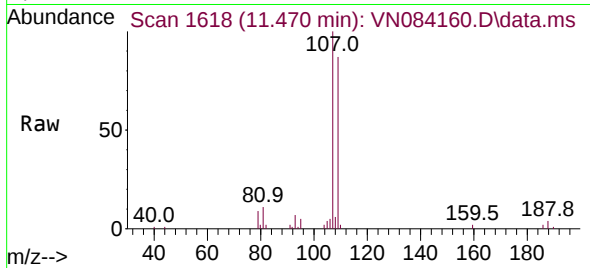




#61  
1,2-Dibromoethane  
Concen: 19.592 ug/l  
RT: 11.470 min Scan# 1617  
Delta R.T. 0.006 min  
Lab File: VN084160.D  
Acq: 25 Sep 2024 15:23

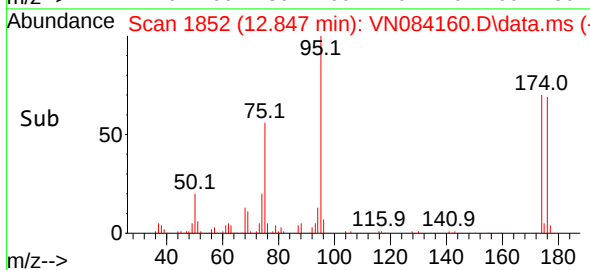
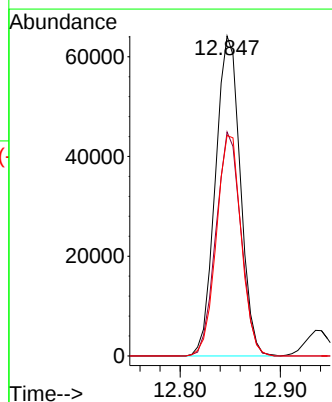
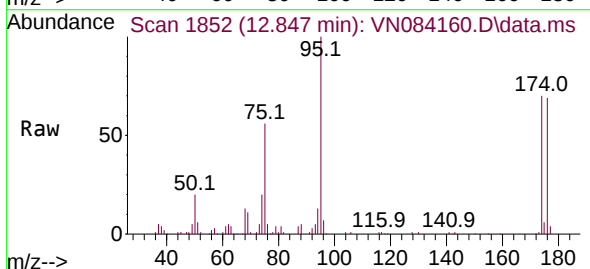
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0925WBSD01

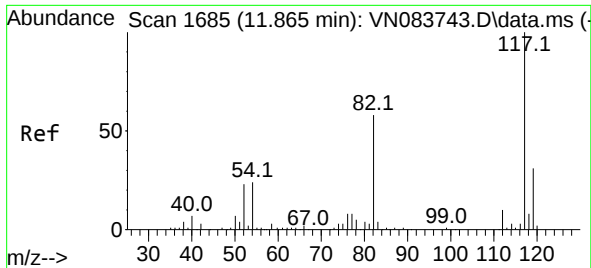
Tgt Ion:107 Resp: 33988  
Ion Ratio Lower Upper  
107 100  
109 92.7 75.6 113.4



#62  
4-Bromofluorobenzene  
Concen: 46.066 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN084160.D  
Acq: 25 Sep 2024 15:23

Tgt Ion: 95 Resp: 110475  
Ion Ratio Lower Upper  
95 100  
174 70.4 0.0 139.8  
176 68.9 0.0 131.4

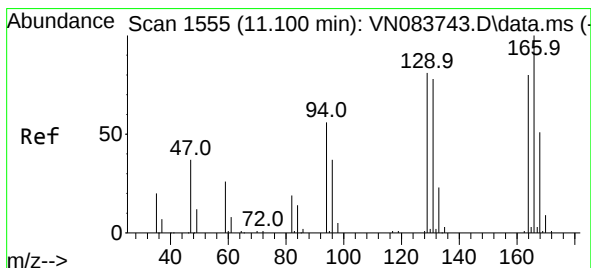
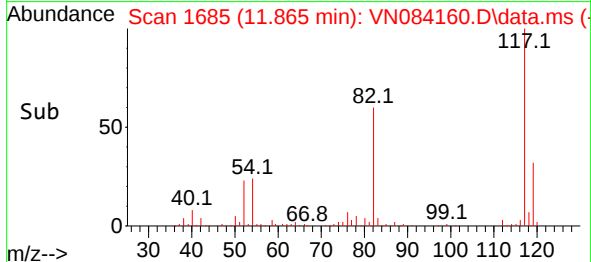
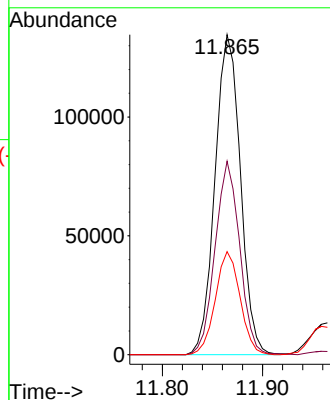
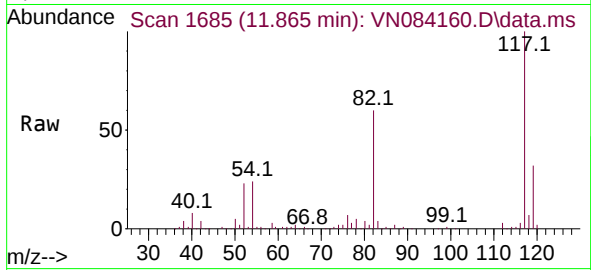




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN084160.D  
Acq: 25 Sep 2024 15:23

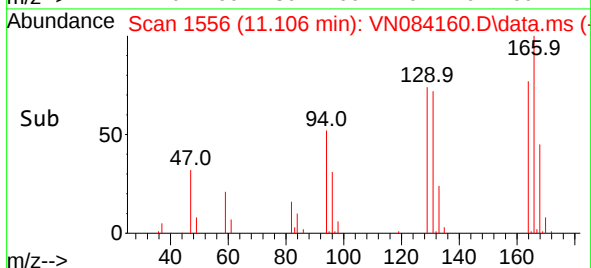
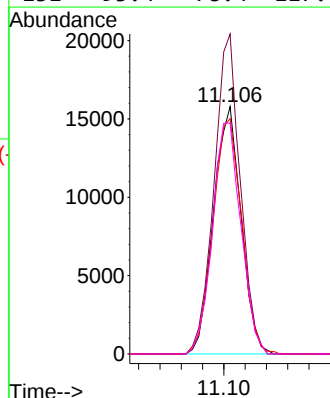
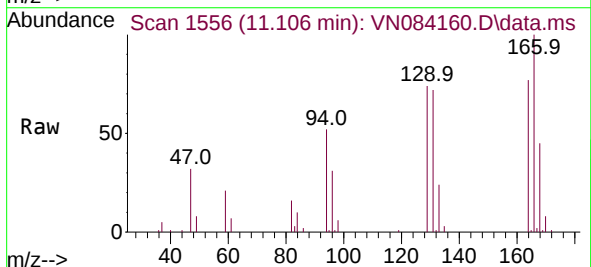
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0925WBSD01

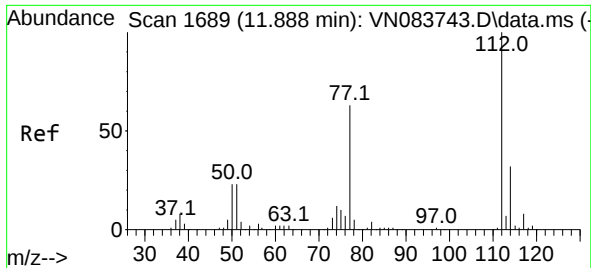
Tgt Ion:117 Resp: 237190  
Ion Ratio Lower Upper  
117 100  
82 60.4 47.4 71.0  
119 32.2 26.3 39.5



#64  
Tetrachloroethene  
Concen: 18.005 ug/l  
RT: 11.106 min Scan# 1556  
Delta R.T. 0.006 min  
Lab File: VN084160.D  
Acq: 25 Sep 2024 15:23

Tgt Ion:164 Resp: 28401  
Ion Ratio Lower Upper  
164 100  
166 129.4 103.7 155.5  
129 95.1 79.9 119.9  
131 93.4 78.4 117.6

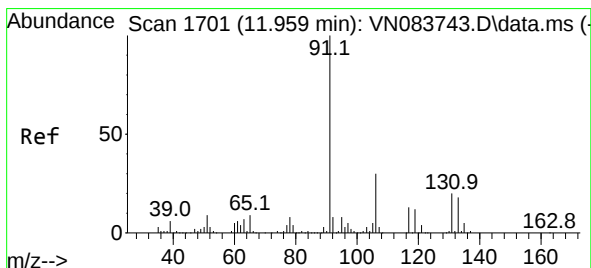
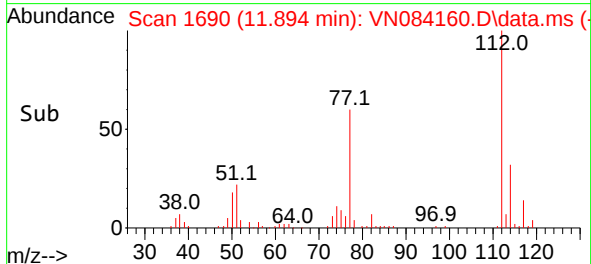
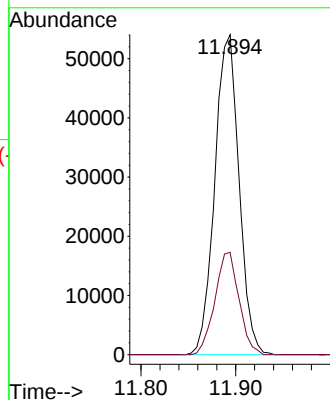
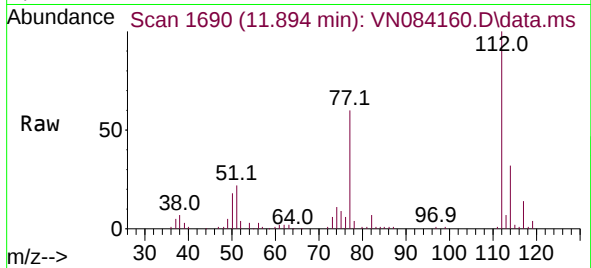




#65  
Chlorobenzene  
Concen: 18.254 ug/l  
RT: 11.894 min Scan# 111  
Delta R.T. 0.006 min  
Lab File: VN084160.D  
Acq: 25 Sep 2024 15:23

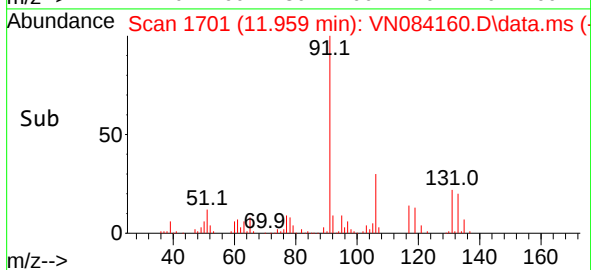
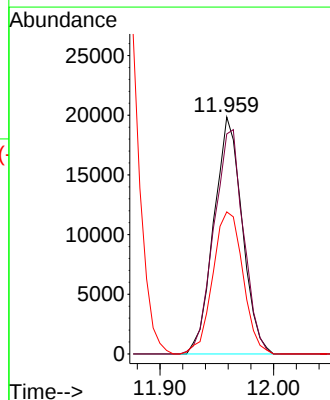
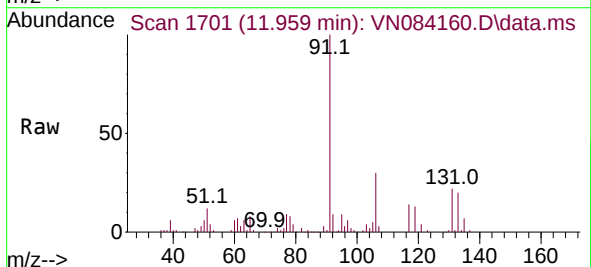
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0925WBSD01

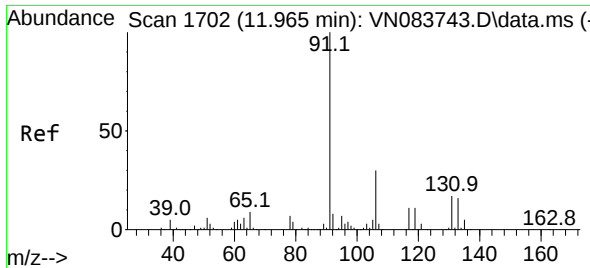
Tgt Ion:112 Resp: 96231  
Ion Ratio Lower Upper  
112 100  
114 32.0 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.856 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VN084160.D  
Acq: 25 Sep 2024 15:23

Tgt Ion:131 Resp: 34460  
Ion Ratio Lower Upper  
131 100  
133 98.6 47.5 142.6  
119 63.7 31.6 94.8





#67

Ethyl Benzene

Concen: 17.905 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN084160.D

Acq: 25 Sep 2024 15:23

Instrument :

MSVOA\_N

ClientSampleId :

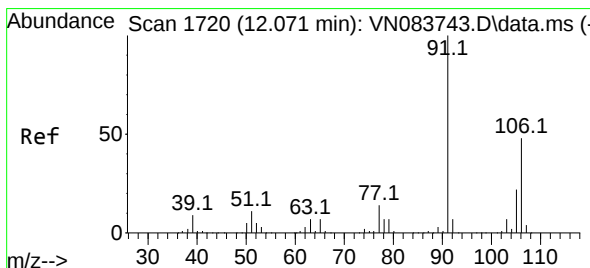
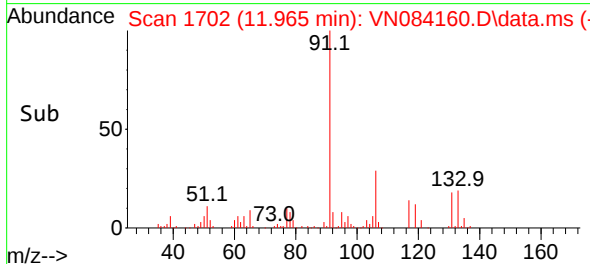
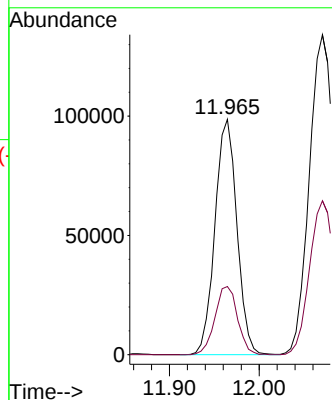
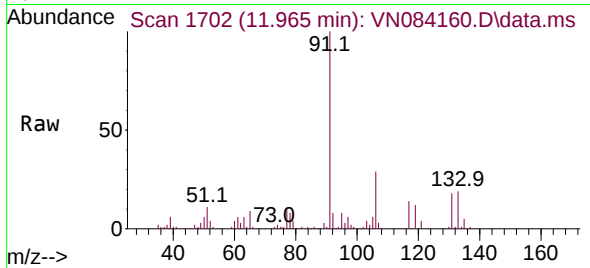
VN0925WBSD01

Tgt Ion: 91 Resp: 167677

Ion Ratio Lower Upper

91 100

106 28.9 24.3 36.5



#68

m/p-Xylenes

Concen: 36.043 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VN084160.D

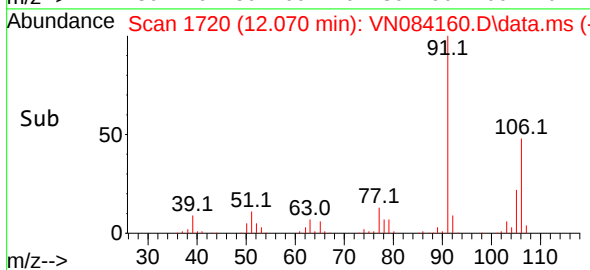
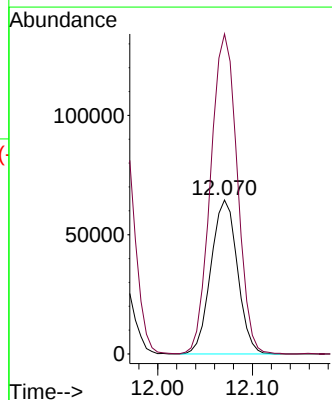
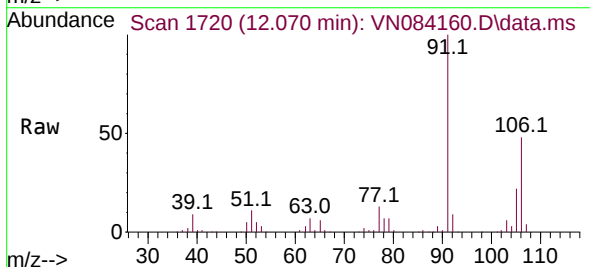
Acq: 25 Sep 2024 15:23

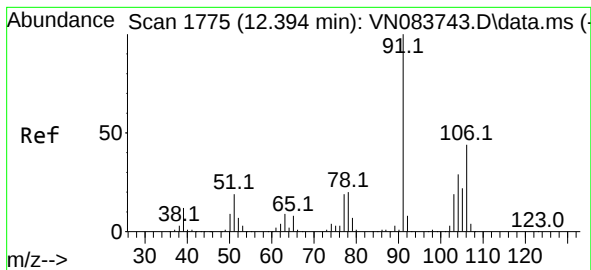
Tgt Ion:106 Resp: 125314

Ion Ratio Lower Upper

106 100

91 209.3 169.2 253.8





#69

o-Xylene

Concen: 17.874 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN084160.D

Acq: 25 Sep 2024 15:23

Instrument :

MSVOA\_N

ClientSampleId :

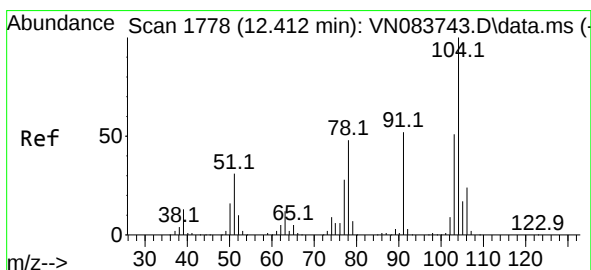
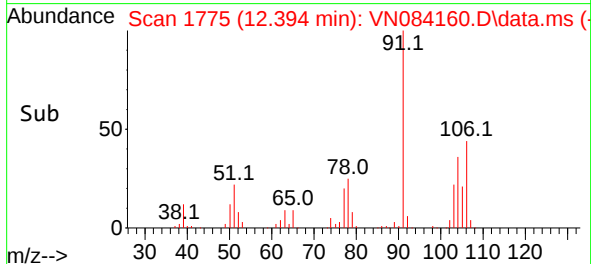
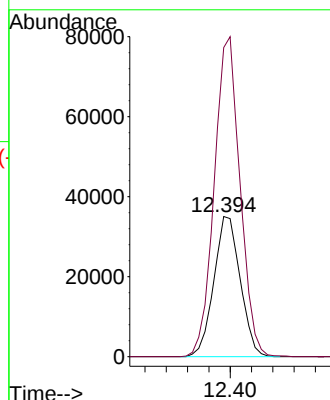
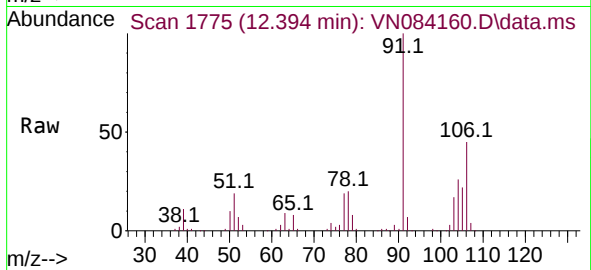
VN0925WBSD01

Tgt Ion:106 Resp: 60160

Ion Ratio Lower Upper

106 100

91 223.2 112.9 338.6



#70

Styrene

Concen: 19.048 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN084160.D

Acq: 25 Sep 2024 15:23

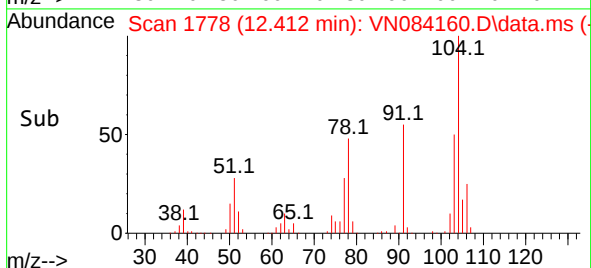
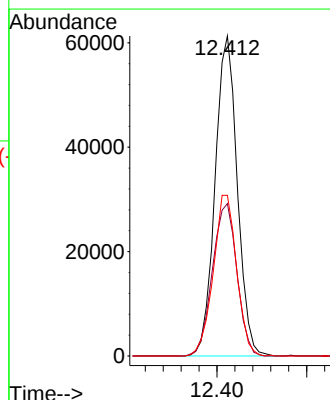
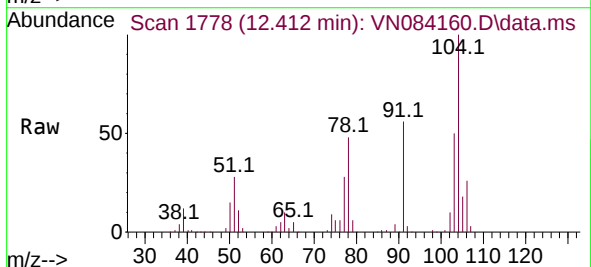
Tgt Ion:104 Resp: 105216

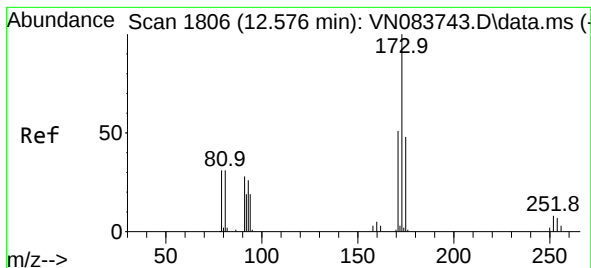
Ion Ratio Lower Upper

104 100

78 52.4 43.3 64.9

103 52.9 43.4 65.2





#71

Bromoform

Concen: 20.804 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN084160.D

Acq: 25 Sep 2024 15:23

Instrument :

MSVOA\_N

ClientSampleId :

VN0925WBSD01

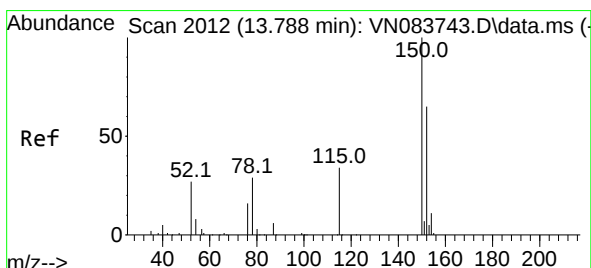
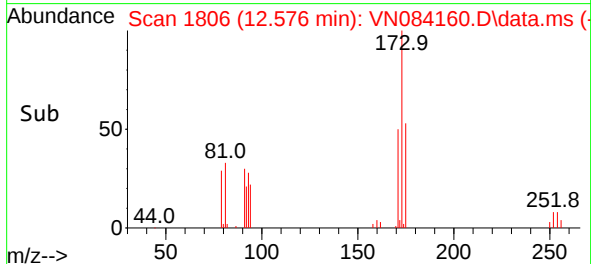
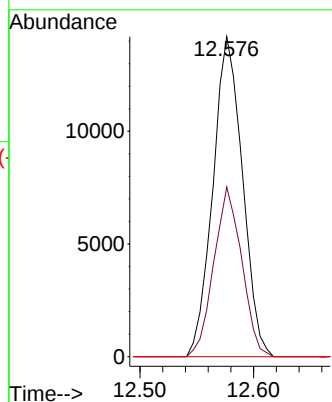
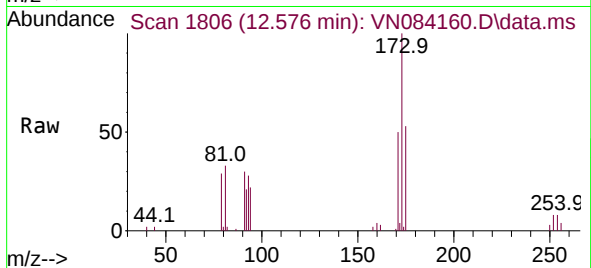
Tgt Ion:173 Resp: 25620

Ion Ratio Lower Upper

173 100

175 50.1 24.1 72.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN084160.D

Acq: 25 Sep 2024 15:23

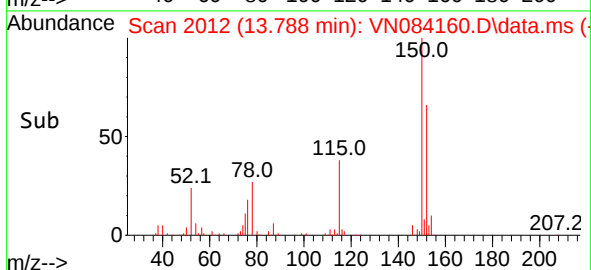
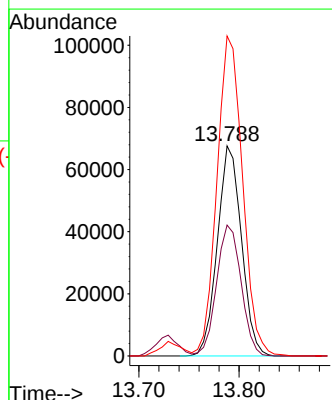
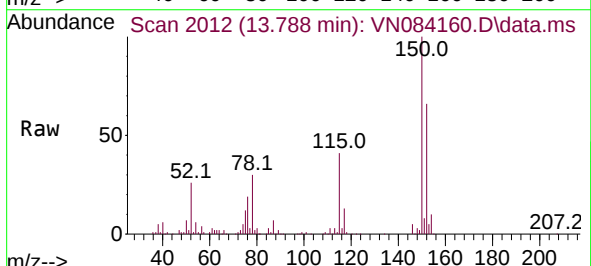
Tgt Ion:152 Resp: 112969

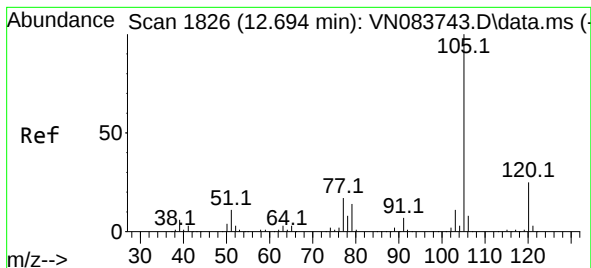
Ion Ratio Lower Upper

152 100

115 63.3 32.2 96.6

150 162.1 0.0 348.6





#73

Isopropylbenzene

Concen: 17.699 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN084160.D

Acq: 25 Sep 2024 15:23

Instrument :

MSVOA\_N

ClientSampleId :

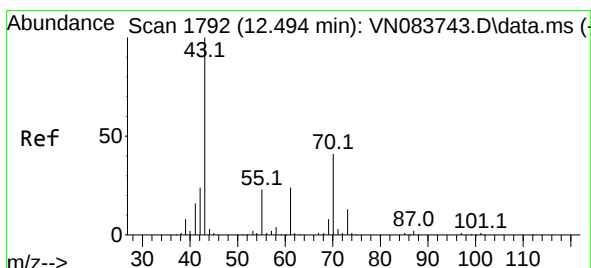
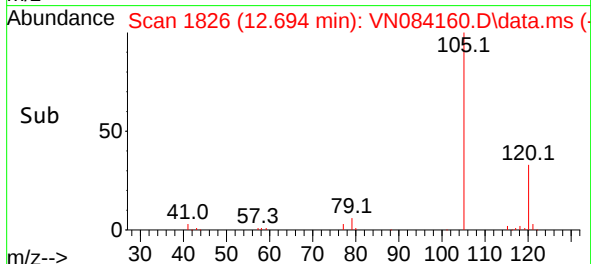
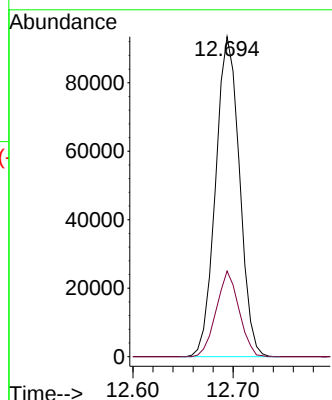
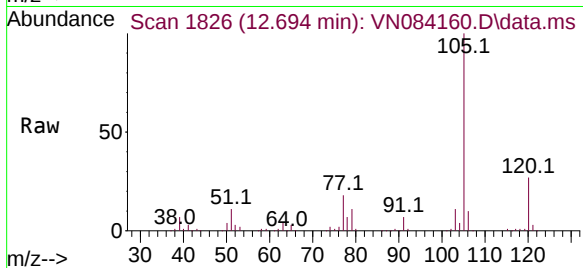
VN0925WBSD01

Tgt Ion:105 Resp: 154686

Ion Ratio Lower Upper

105 100

120 25.5 12.6 37.8



#74

N-ethyl acetate

Concen: 19.455 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN084160.D

Acq: 25 Sep 2024 15:23

Tgt Ion: 43 Resp: 72547

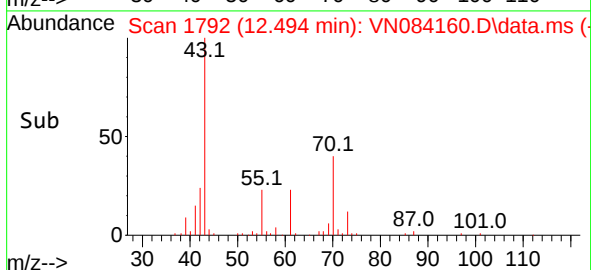
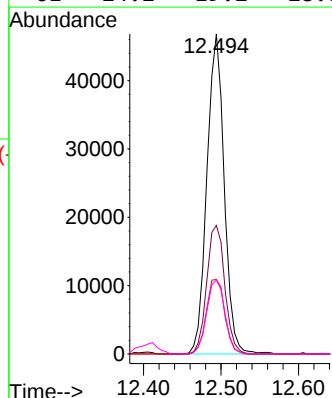
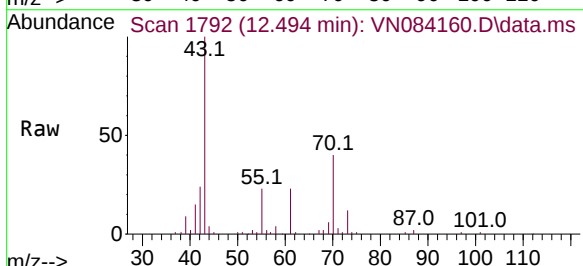
Ion Ratio Lower Upper

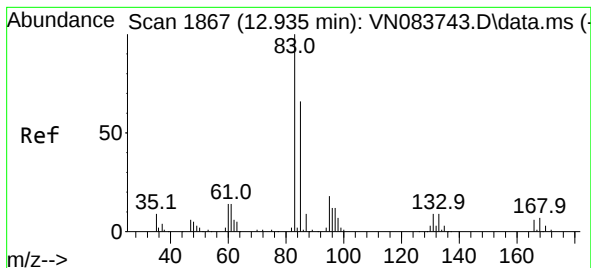
43 100

70 41.9 34.5 51.7

55 25.1 18.6 28.0

61 24.2 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.556 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VN084160.D

Acq: 25 Sep 2024 15:23

Instrument :

MSVOA\_N

ClientSampleId :

VN0925WBSD01

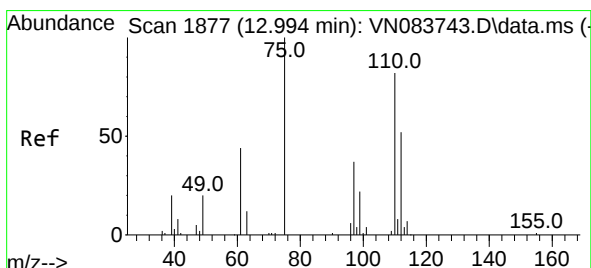
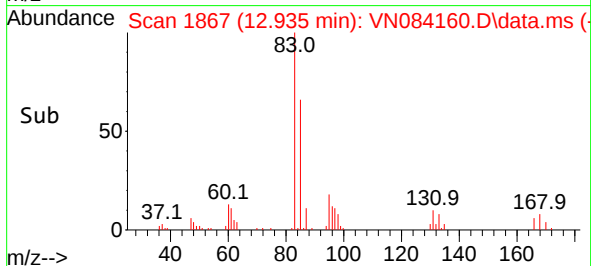
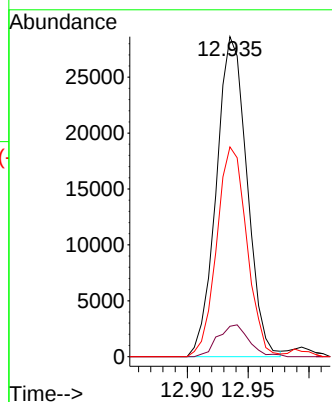
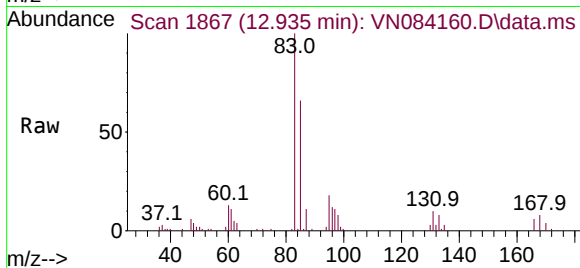
Tgt Ion: 83 Resp: 50218

Ion Ratio Lower Upper

83 100

131 10.1 5.2 15.6

85 64.3 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 28.437 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN084160.D

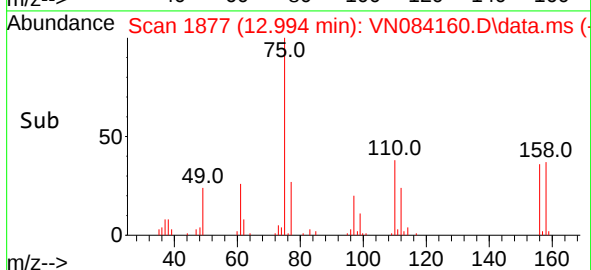
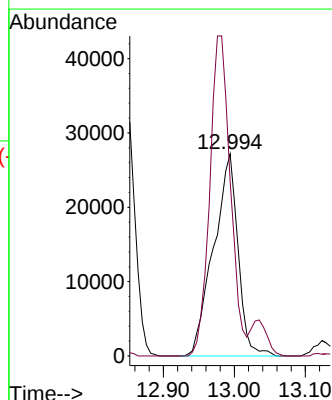
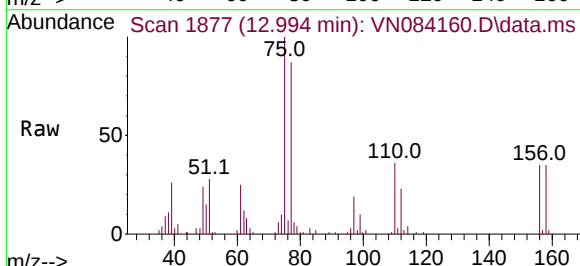
Acq: 25 Sep 2024 15:23

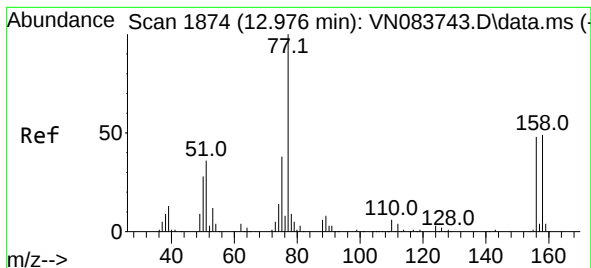
Tgt Ion: 75 Resp: 64822

Ion Ratio Lower Upper

75 100

77 134.3 95.2 285.6





#77

Bromobenzene

Concen: 18.022 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VN084160.D

Acq: 25 Sep 2024 15:23

Instrument :

MSVOA\_N

ClientSampleId :

VN0925WBSD01

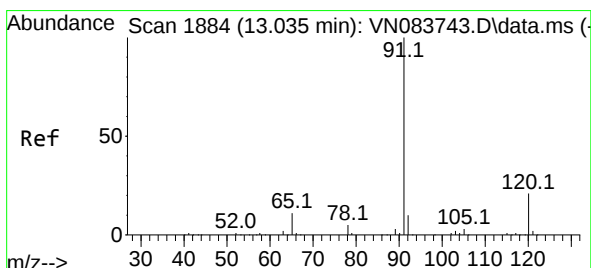
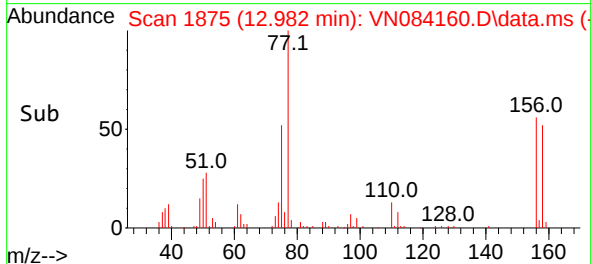
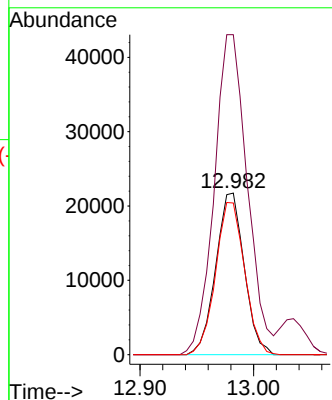
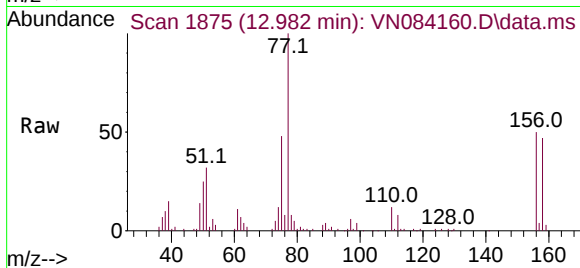
Tgt Ion:156 Resp: 37914

Ion Ratio Lower Upper

156 100

77 229.5 114.3 343.1

158 96.0 48.9 146.7



#78

n-propylbenzene

Concen: 18.390 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN084160.D

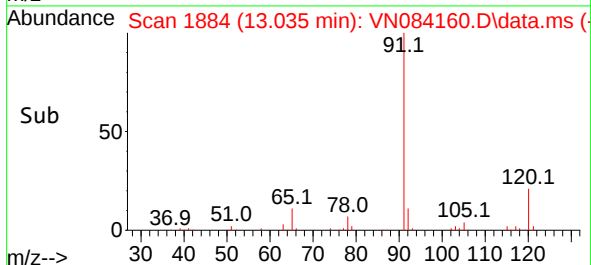
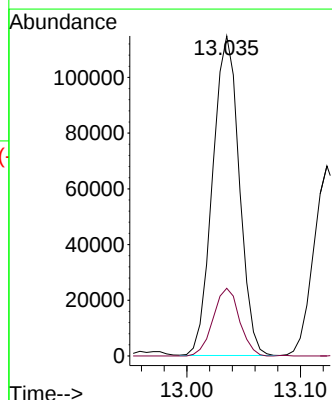
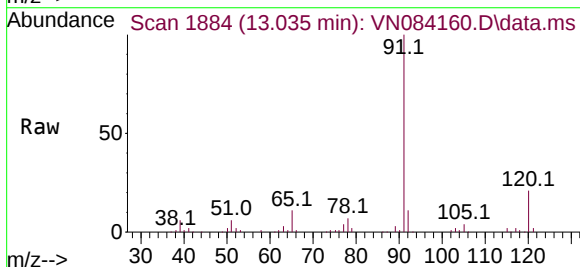
Acq: 25 Sep 2024 15:23

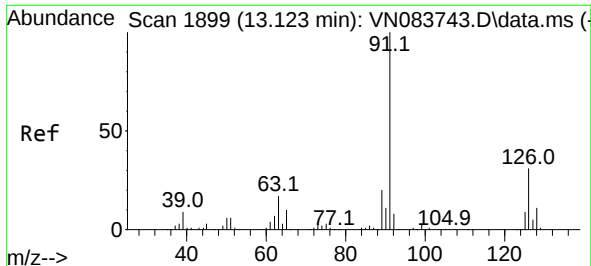
Tgt Ion: 91 Resp: 187006

Ion Ratio Lower Upper

91 100

120 20.9 11.0 33.0

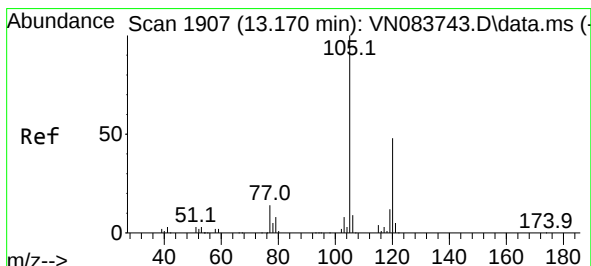
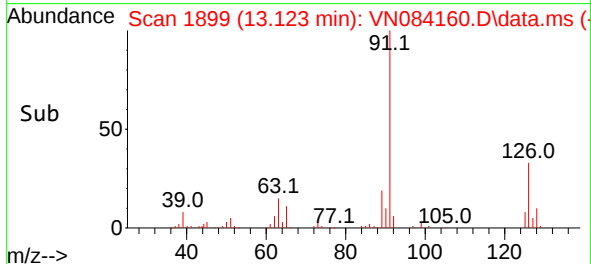
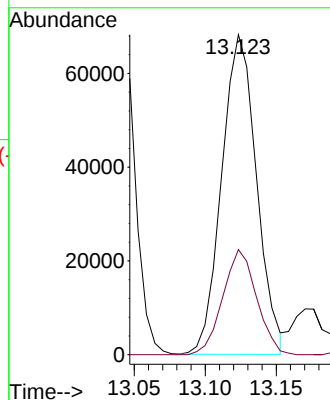
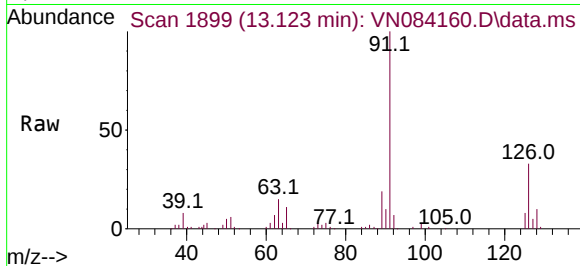




#79  
2-Chlorotoluene  
Concen: 17.949 ug/l  
RT: 13.123 min Scan# 1899  
Delta R.T. -0.000 min  
Lab File: VN084160.D  
Acq: 25 Sep 2024 15:23

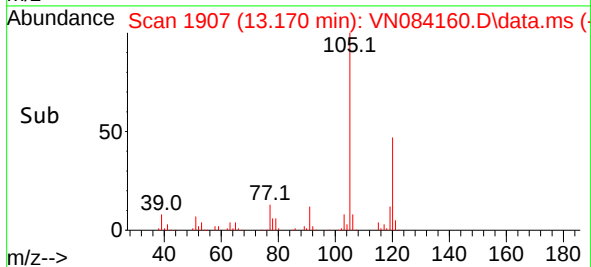
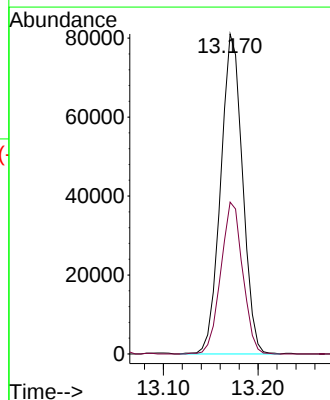
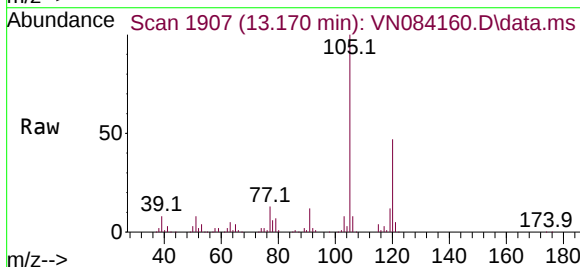
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0925WBSD01

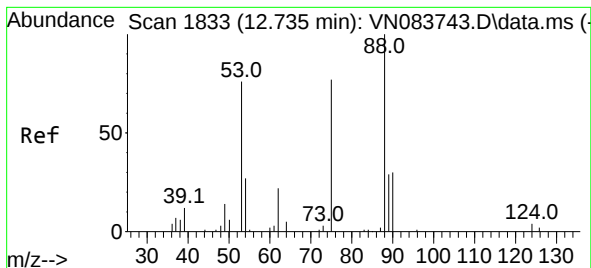
Tgt Ion: 91 Resp: 116402  
Ion Ratio Lower Upper  
91 100  
126 31.9 15.4 46.2



#80  
1,3,5-Trimethylbenzene  
Concen: 17.672 ug/l  
RT: 13.170 min Scan# 1907  
Delta R.T. -0.000 min  
Lab File: VN084160.D  
Acq: 25 Sep 2024 15:23

Tgt Ion:105 Resp: 130222  
Ion Ratio Lower Upper  
105 100  
120 47.4 23.4 70.3

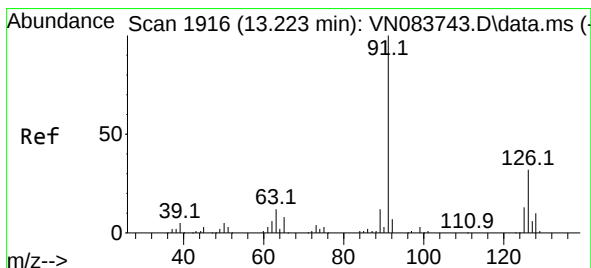
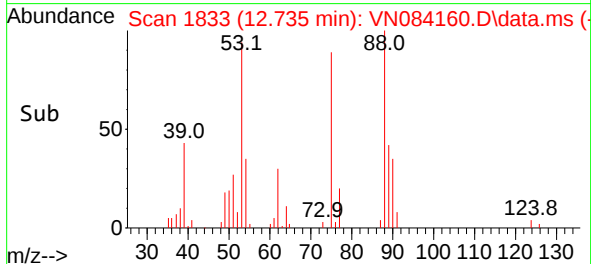
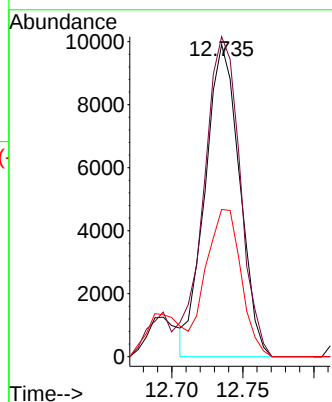
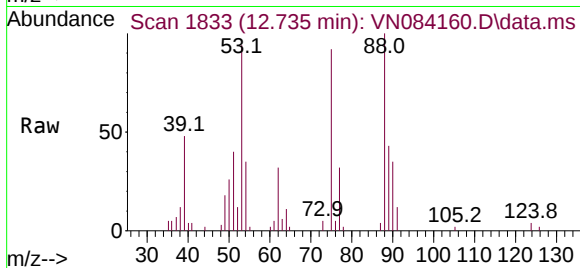




#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.230 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. -0.000 min  
Lab File: VN084160.D  
Acq: 25 Sep 2024 15:23

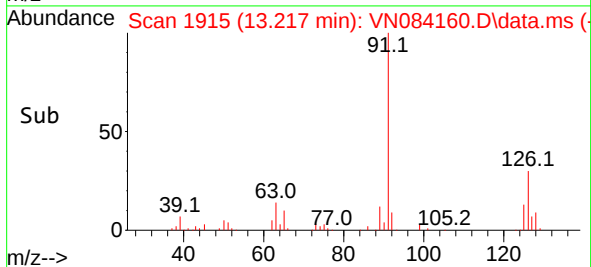
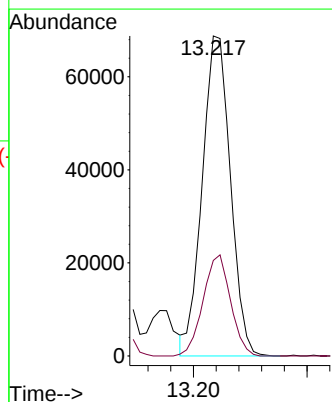
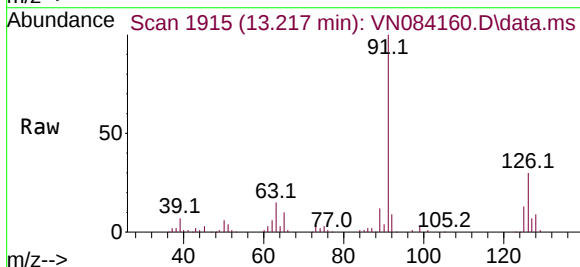
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0925WBSD01

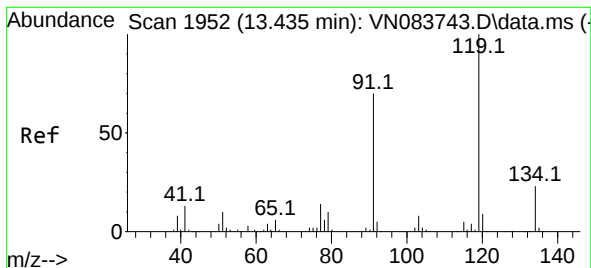
Tgt Ion: 75 Resp: 16737  
Ion Ratio Lower Upper  
75 100  
53 108.1 81.2 121.8  
89 47.7 35.7 53.5



#82  
4-Chlorotoluene  
Concen: 18.209 ug/l  
RT: 13.217 min Scan# 1915  
Delta R.T. -0.006 min  
Lab File: VN084160.D  
Acq: 25 Sep 2024 15:23

Tgt Ion: 91 Resp: 118504  
Ion Ratio Lower Upper  
91 100  
126 30.7 15.4 46.2





#83

tert-Butylbenzene

Concen: 17.639 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VN084160.D

Acq: 25 Sep 2024 15:23

Instrument :

MSVOA\_N

ClientSampleId :

VN0925WBSD01

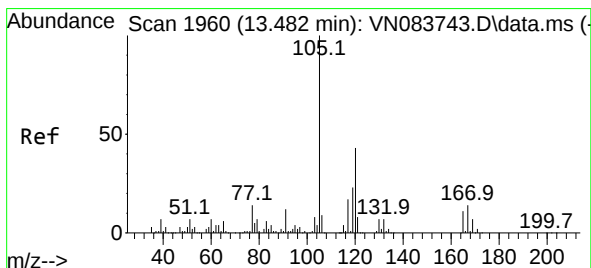
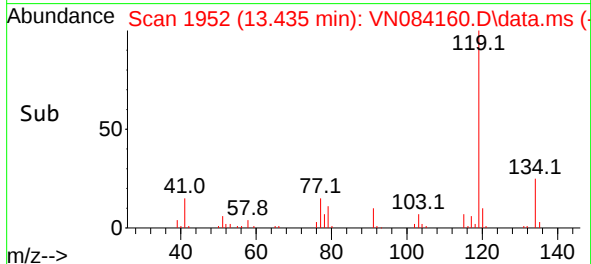
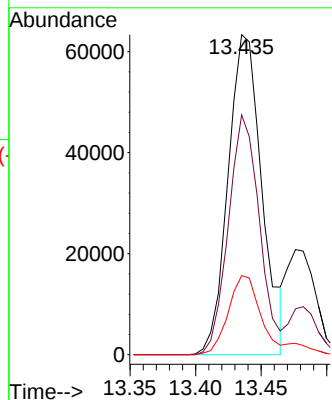
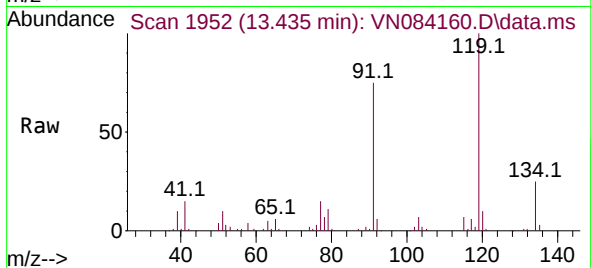
Tgt Ion:119 Resp: 113717

Ion Ratio Lower Upper

119 100

91 69.0 34.5 103.6

134 25.9 12.8 38.4



#84

1,2,4-Trimethylbenzene

Concen: 18.354 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN084160.D

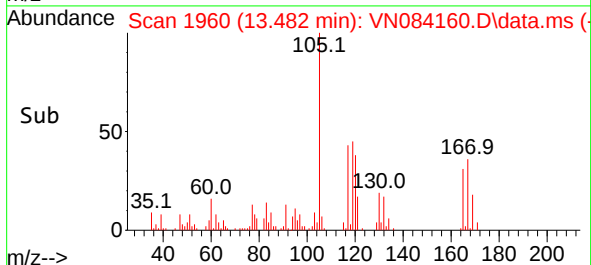
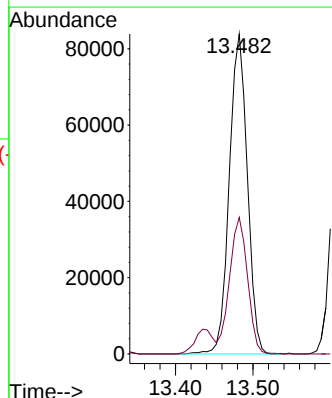
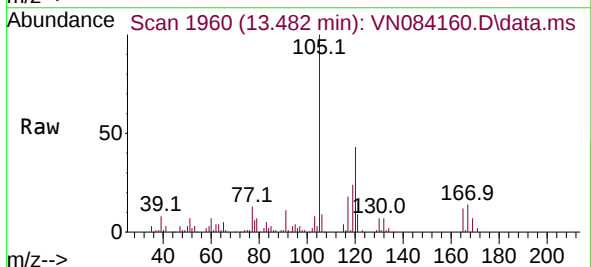
Acq: 25 Sep 2024 15:23

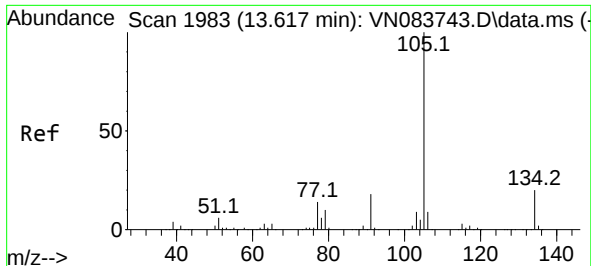
Tgt Ion:105 Resp: 135853

Ion Ratio Lower Upper

105 100

120 42.6 21.8 65.4

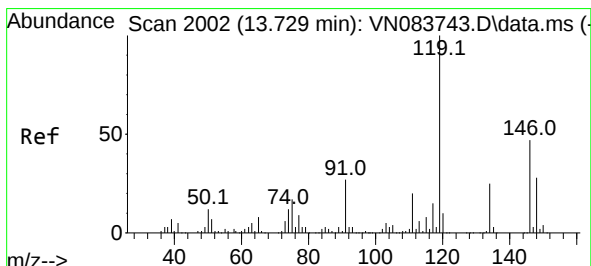
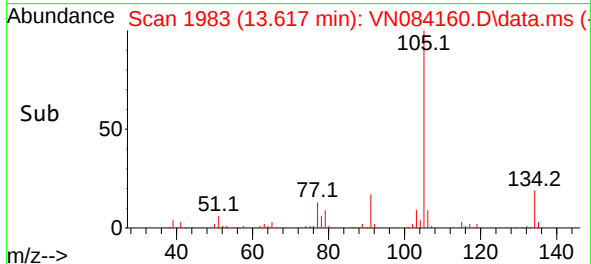
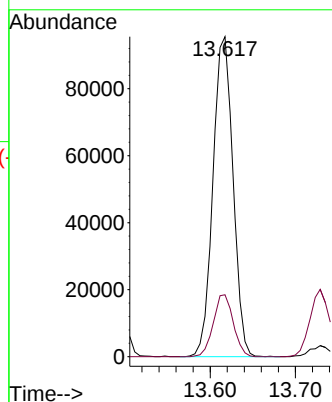
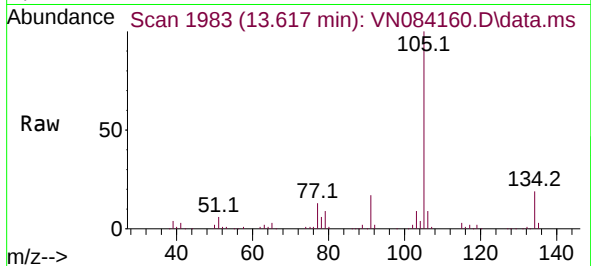




#85  
 sec-Butylbenzene  
 Concen: 18.263 ug/l  
 RT: 13.617 min Scan# 1983  
 Delta R.T. -0.000 min  
 Lab File: VN084160.D  
 Acq: 25 Sep 2024 15:23

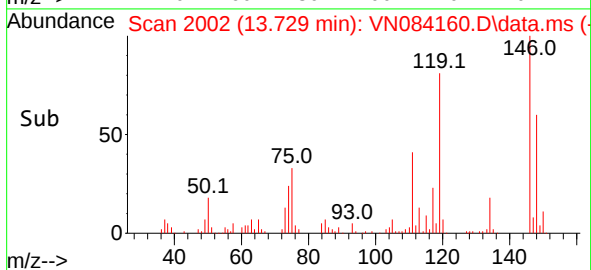
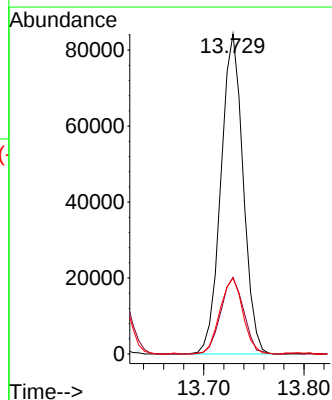
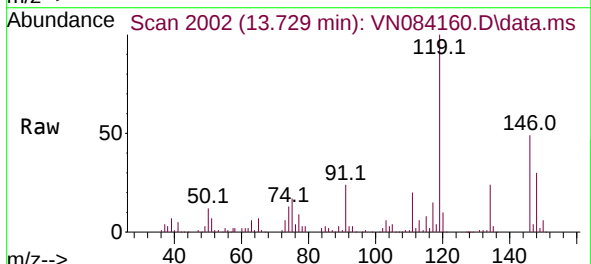
Instrument :  
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 ClientSampleId :  
 VN0925WBSD01

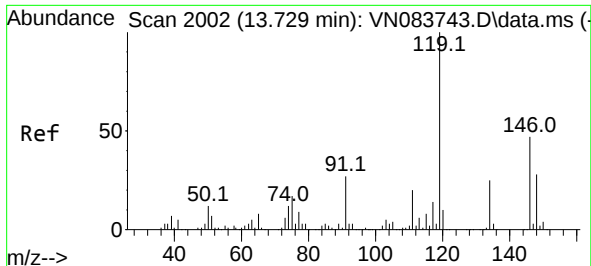
Tgt Ion:105 Resp: 156146  
 Ion Ratio Lower Upper  
 105 100  
 134 19.3 9.7 29.1



#86  
 p-Isopropyltoluene  
 Concen: 18.074 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. -0.000 min  
 Lab File: VN084160.D  
 Acq: 25 Sep 2024 15:23

Tgt Ion:119 Resp: 129539  
 Ion Ratio Lower Upper  
 119 100  
 134 24.7 12.8 38.3  
 91 24.5 12.9 38.7

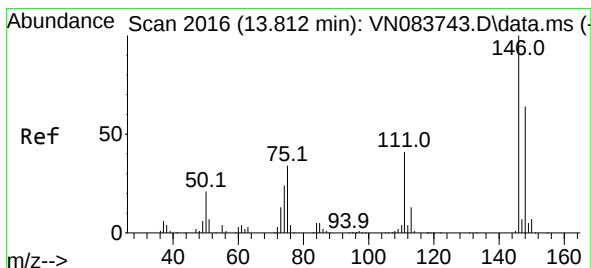
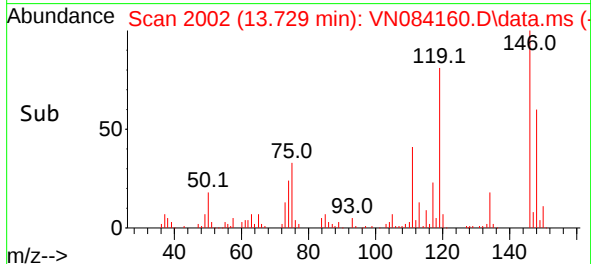
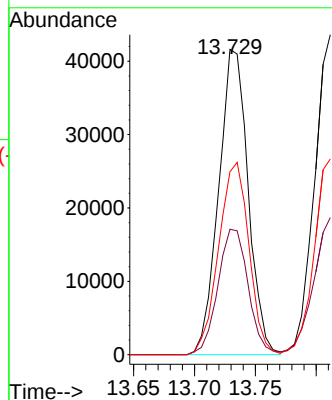
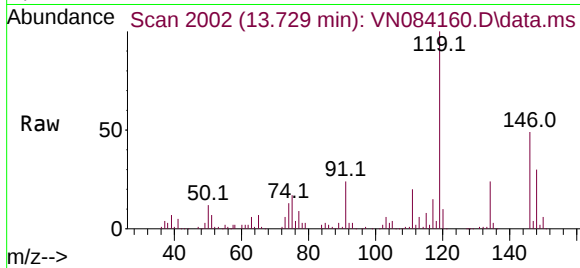




#87  
 1,3-Dichlorobenzene  
 Concen: 17.646 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. -0.000 min  
 Lab File: VN084160.D  
 Acq: 25 Sep 2024 15:23

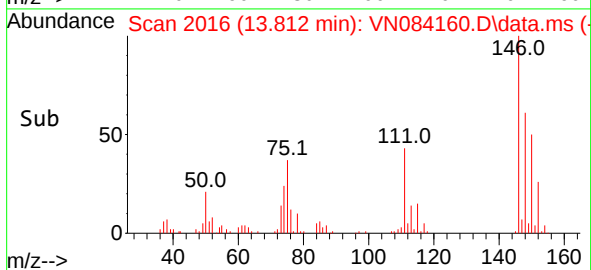
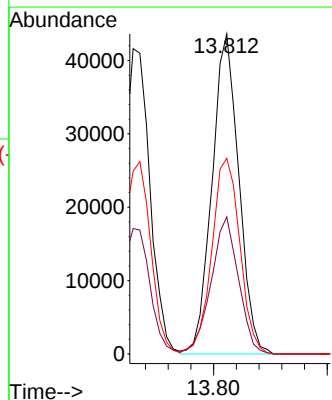
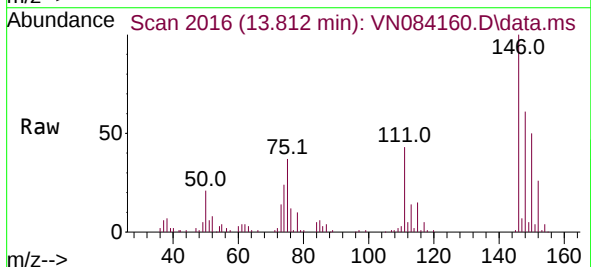
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0925WBSD01

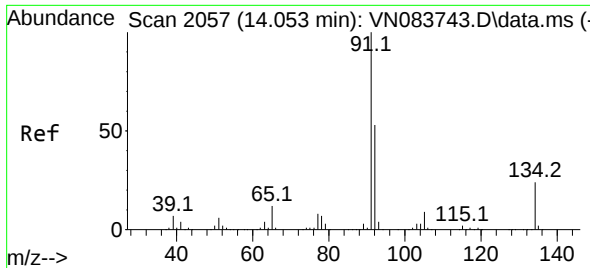
Tgt Ion:146 Resp: 70064  
 Ion Ratio Lower Upper  
 146 100  
 111 42.3 21.7 65.1  
 148 64.8 31.7 95.1



#88  
 1,4-Dichlorobenzene  
 Concen: 17.788 ug/l  
 RT: 13.812 min Scan# 2016  
 Delta R.T. -0.000 min  
 Lab File: VN084160.D  
 Acq: 25 Sep 2024 15:23

Tgt Ion:146 Resp: 71515  
 Ion Ratio Lower Upper  
 146 100  
 111 43.8 21.3 64.0  
 148 63.8 32.0 96.2

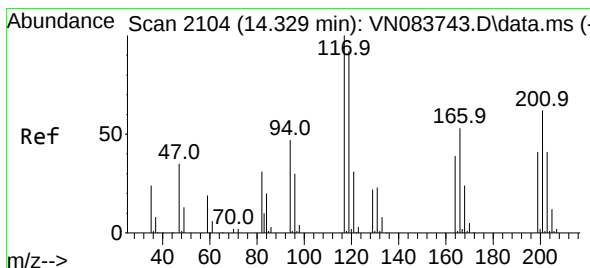
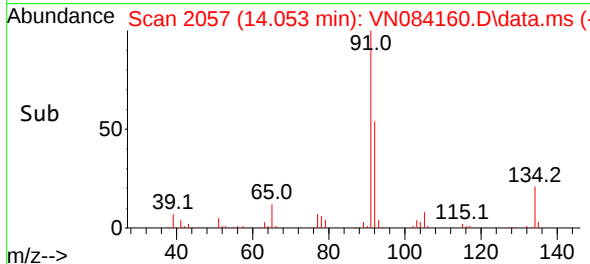
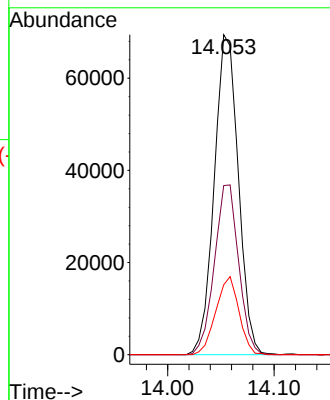
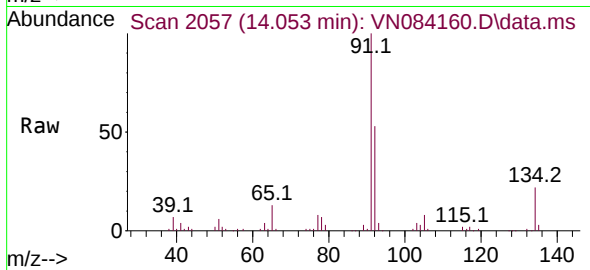




#89  
n-Butylbenzene  
Concen: 16.963 ug/l  
RT: 14.053 min Scan# 2057  
Delta R.T. -0.000 min  
Lab File: VN084160.D  
Acq: 25 Sep 2024 15:23

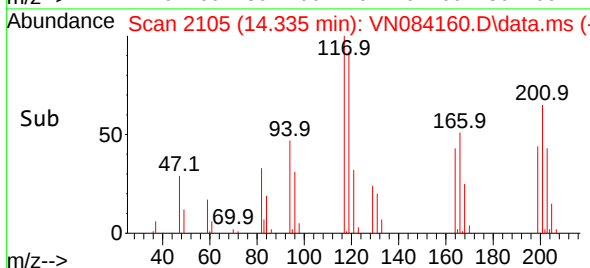
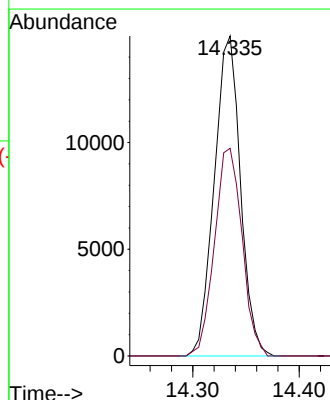
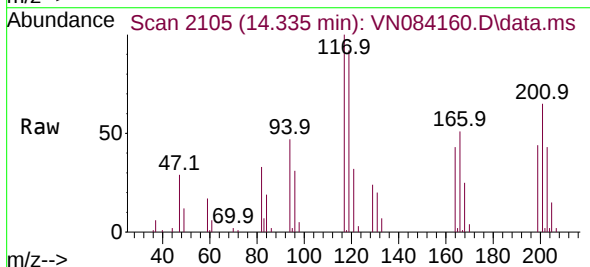
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0925WBSD01

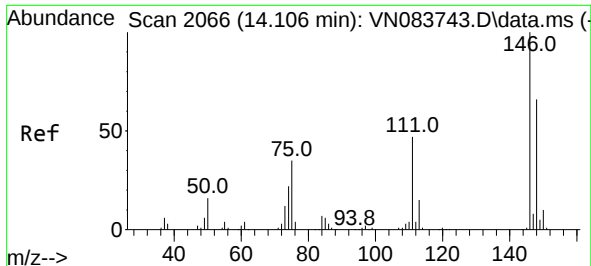
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 109154 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 92       | 53.4  | 26.7  | 80.1   |
| 134      | 23.4  | 12.2  | 36.4   |



#90  
Hexachloroethane  
Concen: 17.760 ug/l  
RT: 14.335 min Scan# 2105  
Delta R.T. 0.006 min  
Lab File: VN084160.D  
Acq: 25 Sep 2024 15:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 25587 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 68.3  | 32.8  | 98.3  |





#91

1,2-Dichlorobenzene

Concen: 18.026 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN084160.D

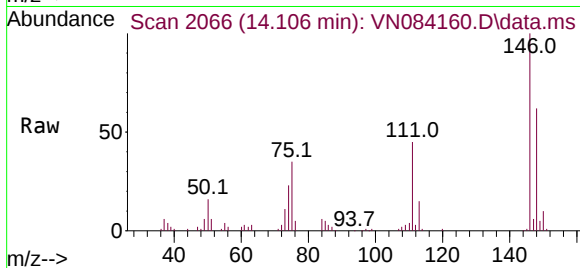
Acq: 25 Sep 2024 15:23

Instrument :

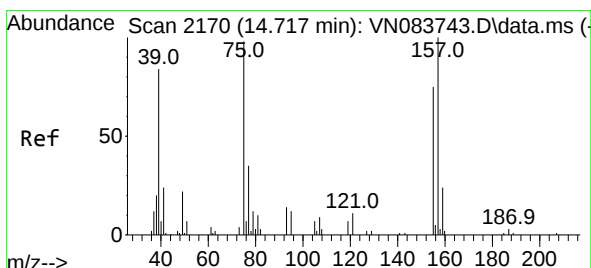
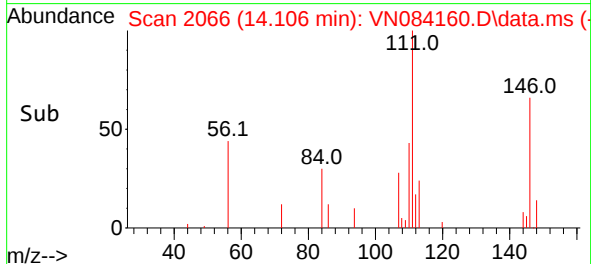
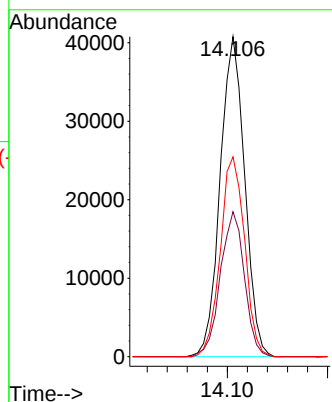
MSVOA\_N

ClientSampleId :

VN0925WBSD01



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 69074 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 44.4  | 22.8  | 68.3  |
| 148      | 61.9  | 32.1  | 96.5  |



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.750 ug/l

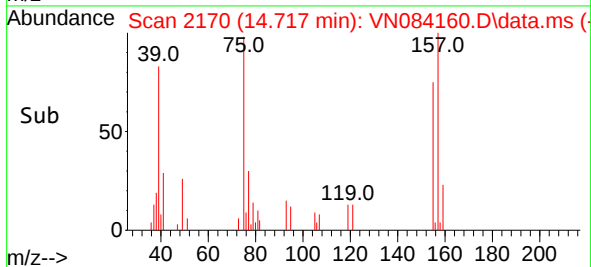
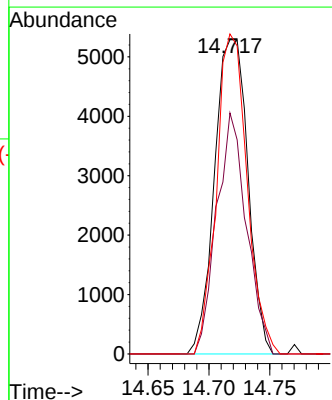
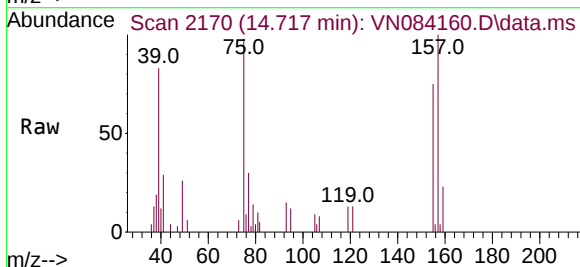
RT: 14.717 min Scan# 2170

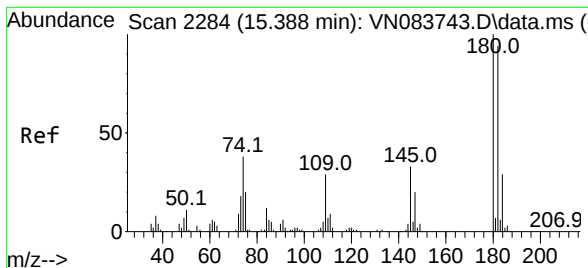
Delta R.T. -0.000 min

Lab File: VN084160.D

Acq: 25 Sep 2024 15:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 10110 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 155      | 68.5  | 35.9  | 107.7 |
| 157      | 93.1  | 47.5  | 142.5 |





#93

1,2,4-Trichlorobenzene

Concen: 15.756 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN084160.D

Acq: 25 Sep 2024 15:23

Instrument :

MSVOA\_N

ClientSampleId :

VN0925WBSD01

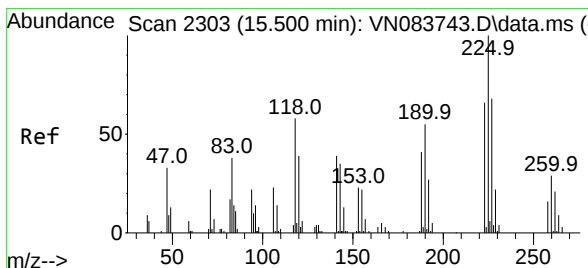
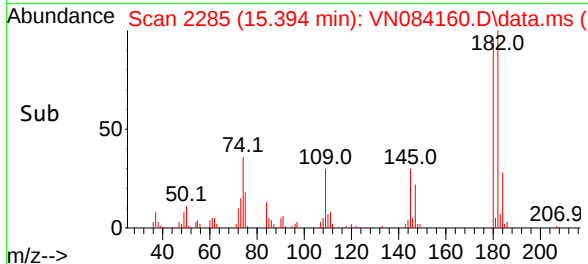
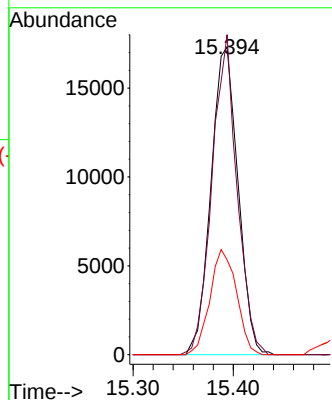
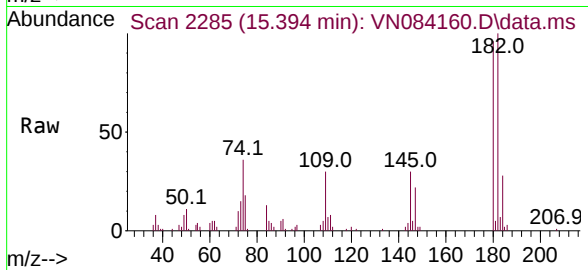
Tgt Ion:180 Resp: 32398

Ion Ratio Lower Upper

180 100

182 96.2 48.1 144.3

145 33.6 16.9 50.7



#94

Hexachlorobutadiene

Concen: 17.591 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. -0.006 min

Lab File: VN084160.D

Acq: 25 Sep 2024 15:23

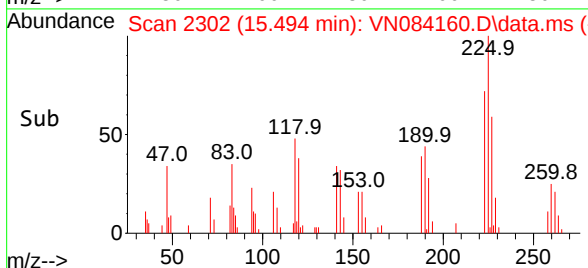
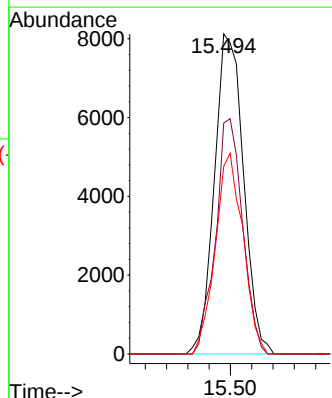
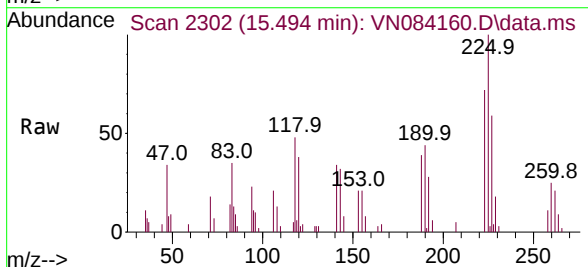
Tgt Ion:225 Resp: 15361

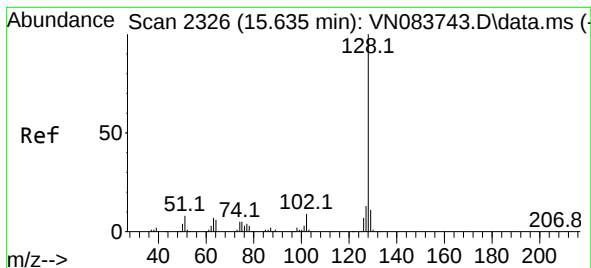
Ion Ratio Lower Upper

225 100

223 68.2 31.9 95.5

227 59.7 32.0 96.2





#95

Naphthalene

Concen: 16.926 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN084160.D

Acq: 25 Sep 2024 15:23

Instrument :

MSVOA\_N

ClientSampleId :

VN0925WBSD01

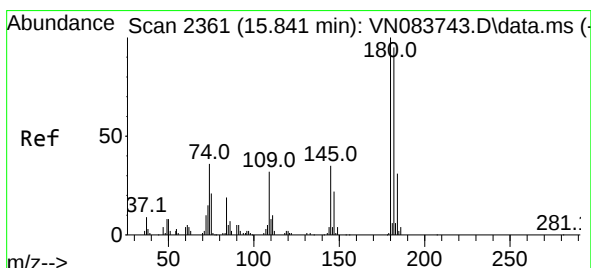
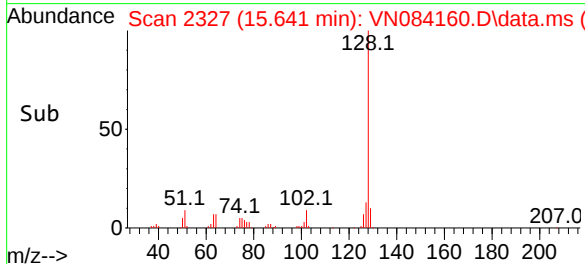
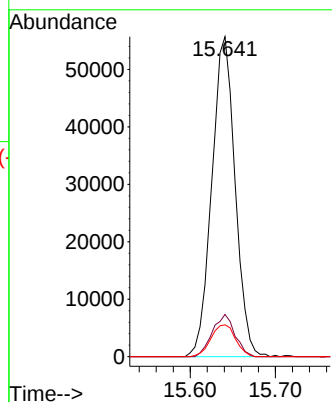
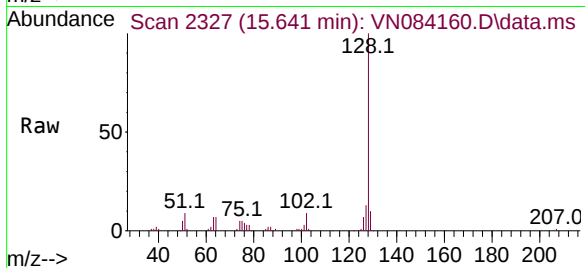
Tgt Ion:128 Resp: 105884

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 10.5 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 16.738 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.006 min

Lab File: VN084160.D

Acq: 25 Sep 2024 15:23

Tgt Ion:180 Resp: 32892

Ion Ratio Lower Upper

180 100

182 95.1 47.1 141.4

145 34.8 17.8 53.5

