

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN040425\  
 Data File : VN086227.D  
 Acq On : 04 Apr 2025 12:26  
 Operator : JC\MD  
 Sample : VSTDICCC020  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC020

Quant Time: Apr 04 23:45:42 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N040425W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Apr 04 23:41:25 2025  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Bromochloromethane        | 7.812  | 128   | 28268    | 30.000   | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene      | 9.100  | 114   | 156838   | 30.000   | ug/l   | 0.00     |
| 57) Chlorobenzene-d5         | 11.859 | 117   | 146966   | 30.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 27) 1,2-Dichloroethane-d4    | 8.577  | 65    | 83097    | 29.290   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 110 | Recovery | =      | 97.633%  |
| 60) 4-Bromofluorobenzene     | 12.841 | 95    | 86738    | 31.676   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 63 - 112 | Recovery | =      | 105.600% |
| 63) Toluene-d8               | 10.565 | 98    | 246122   | 30.020   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 112 | Recovery | =      | 100.067% |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.124  | 85    | 62670    | 32.716   | ug/l   | 100      |
| 3) Chloromethane             | 2.359  | 50    | 61316    | 29.468   | ug/l   | 100      |
| 4) Vinyl Chloride            | 2.518  | 62    | 60178    | 31.054   | ug/l   | 100      |
| 5) Bromomethane              | 2.965  | 94    | 30885    | 30.731   | ug/l   | 100      |
| 6) Chloroethane              | 3.124  | 64    | 35817    | 30.971   | ug/l   | 100      |
| 7) Trichlorofluoromethane    | 3.500  | 101   | 81487    | 31.413   | ug/l   | 100      |
| 8) Diethyl Ether             | 3.965  | 74    | 26747    | 30.937   | ug/l   | 100      |
| 9) 1,1,2-Trichlorotrifluo... | 4.371  | 101   | 44625    | 30.929   | ug/l   | 100      |
| 10) 1,1-Dichloroethene       | 4.347  | 96    | 44468    | 31.576   | ug/l   | 100      |
| 11) Methyl Iodide            | 4.589  | 142   | 54670    | 30.265   | ug/l   | 100      |
| 12) Methyl Acetate           | 5.024  | 43    | 50845    | 27.324   | ug/l   | 100      |
| 13) Acrolein                 | 4.177  | 56    | 35948    | 176.861  | ug/l   | 100      |
| 14) Acrylonitrile            | 5.718  | 53    | 109537   | 151.007  | ug/l   | 100      |
| 15) Acetone                  | 4.424  | 58    | 31262    | 138.149  | ug/l   | 100      |
| 16) Carbon Disulfide         | 4.718  | 76    | 130810   | 28.996   | ug/l   | 100      |
| 17) Allyl chloride           | 5.024  | 41    | 59189    | 30.216   | ug/l   | 100      |
| 18) Methylene Chloride       | 5.277  | 84    | 50289    | 29.783   | ug/l   | 100      |
| 19) trans-1,2-Dichloroethene | 5.783  | 96    | 47381    | 31.154   | ug/l   | 100      |
| 20) Diisopropyl ether        | 6.665  | 45    | 132361   | 32.188   | ug/l   | 100      |
| 21) 1,1-Dichloroethane       | 6.565  | 63    | 86765    | 30.957   | ug/l   | 100      |
| 22) cis-1,2-Dichloroethene   | 7.483  | 96    | 56953    | 31.574   | ug/l   | 100      |
| 23) tert-Butyl Alcohol       | 5.506  | 59    | 22183    | 83.748   | ug/l # | 100      |
| 24) Methyl tert-Butyl Ether  | 5.794  | 73    | 152460   | 33.143   | ug/l   | 100      |
| 25) Chloroform               | 7.965  | 83    | 91425    | 31.085   | ug/l   | 100      |
| 26) Cyclohexane              | 8.253  | 56    | 69098    | 30.628   | ug/l # | 100      |
| 29) 1,1-Dichloropropene      | 8.365  | 75    | 64589    | 32.818   | ug/l   | 100      |
| 30) 2-Butanone               | 7.483  | 43    | 134612   | 155.584  | ug/l   | 100      |
| 31) 2,2-Dichloropropane      | 7.488  | 77    | 80104    | 33.033   | ug/l   | 100      |
| 32) 1,1,1-Trichloroethane    | 8.171  | 97    | 85837    | 32.252   | ug/l   | 100      |
| 33) Carbon Tetrachloride     | 8.359  | 117   | 72612    | 31.989   | ug/l   | 100      |
| 34) Benzene                  | 8.606  | 78    | 203238   | 31.101   | ug/l   | 100      |
| 35) Methacrylonitrile        | 7.771  | 41    | 28638    | 29.645   | ug/l   | 100      |
| 36) 1,2-Dichloroethane       | 8.665  | 62    | 67310    | 31.013   | ug/l   | 100      |
| 37) Trichloroethene          | 9.353  | 130   | 50468    | 32.247   | ug/l   | 100      |
| 38) Methylcyclohexane        | 9.600  | 83    | 65407    | 31.673   | ug/l   | 100      |
| 39) 1,2-Dichloropropane      | 9.618  | 63    | 47429    | 31.322   | ug/l   | 100      |
| 40) Dibromomethane           | 9.706  | 93    | 34979    | 31.305   | ug/l   | 100      |
| 41) Bromodichloromethane     | 9.888  | 83    | 70586    | 31.451   | ug/l   | 100      |
| 42) Vinyl Acetate            | 6.600  | 43    | 485139   | 157.346  | ug/l   | 100      |

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 Sample : VSTDICCC020  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC020

Quant Time: Apr 04 23:45:42 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N040425W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Apr 04 23:41:25 2025  
 Response via : Initial Calibration

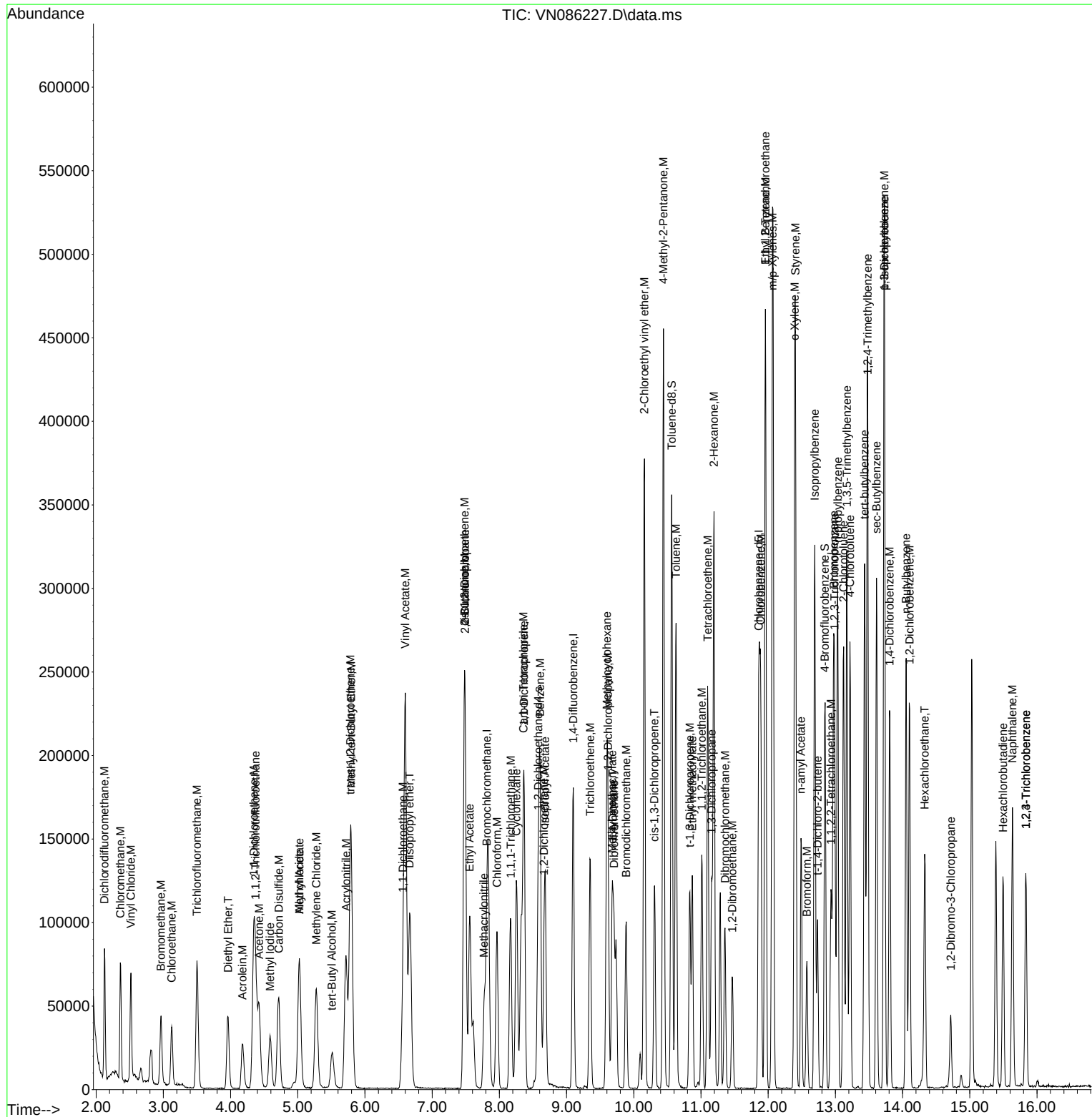
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 43) Ethyl Acetate             | 7.559  | 43   | 56291    | 31.643  | ug/l  | 100      |
| 44) Isopropyl Acetate         | 8.682  | 43   | 91735    | 28.569  | ug/l  | 100      |
| 45) 1,4-Dioxane               | 9.688  | 88   | 19475    | 661.610 | ug/l  | 100      |
| 46) Methyl methacrylate       | 9.677  | 41   | 42259    | 32.131  | ug/l  | 100      |
| 47) n-amyl Acetate            | 12.488 | 43   | 72413    | 33.006  | ug/l  | 100      |
| 48) t-1,3-Dichloropropene     | 10.835 | 75   | 73789    | 31.906  | ug/l  | 100      |
| 49) cis-1,3-Dichloropropene   | 10.306 | 75   | 78823    | 31.545  | ug/l  | 100      |
| 50) 1,1,2-Trichloroethane     | 11.012 | 97   | 46137    | 31.582  | ug/l  | 100      |
| 51) Ethyl methacrylate        | 10.871 | 69   | 70913    | 34.193  | ug/l  | 100      |
| 52) 1,3-Dichloropropane       | 11.159 | 76   | 79979    | 31.424  | ug/l  | 100      |
| 53) Dibromochloromethane      | 11.359 | 129  | 54180    | 31.854  | ug/l  | 100      |
| 54) 1,2-Dibromoethane         | 11.465 | 107  | 46663    | 31.132  | ug/l  | 100      |
| 55) 2-Chloroethyl vinyl ether | 10.159 | 63   | 171727   | 180.581 | ug/l  | 100      |
| 56) Bromoform                 | 12.576 | 173  | 37360    | 32.468  | ug/l  | 100      |
| 58) 4-Methyl-2-Pentanone      | 10.441 | 43   | 280611   | 161.786 | ug/l  | 100      |
| 59) 2-Hexanone                | 11.194 | 43   | 204078   | 163.921 | ug/l  | 100      |
| 61) Tetrachloroethene         | 11.100 | 164  | 53694    | 31.304  | ug/l  | 100      |
| 62) Toluene                   | 10.629 | 91   | 212924   | 31.737  | ug/l  | 100      |
| 64) Chlorobenzene             | 11.888 | 112  | 131687   | 31.459  | ug/l  | 100      |
| 65) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 48373    | 31.403  | ug/l  | 100      |
| 66) Ethyl Benzene             | 11.959 | 91   | 227993   | 32.749  | ug/l  | 100      |
| 67) m/p-Xylenes               | 12.065 | 106  | 184871   | 67.267  | ug/l  | 100      |
| 68) o-Xylene                  | 12.394 | 106  | 88264    | 33.271  | ug/l  | 100      |
| 69) Styrene                   | 12.406 | 104  | 143922   | 34.021  | ug/l  | 100      |
| 70) Isopropylbenzene          | 12.694 | 105  | 218173   | 32.953  | ug/l  | 100      |
| 71) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 60087    | 31.289  | ug/l  | 100      |
| 72) 1,2,3-Trichloropropane    | 12.988 | 75   | 88559    | 47.763  | ug/l  | 51       |
| 73) Bromobenzene              | 12.976 | 156  | 53717    | 31.487  | ug/l  | 100      |
| 74) n-propylbenzene           | 13.035 | 91   | 248664   | 32.808  | ug/l  | 100      |
| 75) 2-Chlorotoluene           | 13.123 | 91   | 163715   | 32.435  | ug/l  | 100      |
| 76) 1,3,5-Trimethylbenzene    | 13.170 | 105  | 185904   | 33.304  | ug/l  | 100      |
| 77) t-1,4-Dichloro-2-butene   | 12.735 | 75   | 23424    | 31.674  | ug/l  | 100      |
| 78) 4-Chlorotoluene           | 13.217 | 91   | 163587   | 32.681  | ug/l  | 100      |
| 79) tert-butylbenzene         | 13.435 | 119  | 149500   | 32.502  | ug/l  | 100      |
| 80) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 190608   | 34.032  | ug/l  | 100      |
| 81) sec-Butylbenzene          | 13.612 | 105  | 211055   | 33.501  | ug/l  | 100      |
| 82) p-Isopropyltoluene        | 13.729 | 119  | 176855   | 34.312  | ug/l  | 100      |
| 83) 1,3-Dichlorobenzene       | 13.729 | 146  | 100916   | 32.567  | ug/l  | 100      |
| 84) 1,4-Dichlorobenzene       | 13.806 | 146  | 98978    | 32.726  | ug/l  | 100      |
| 85) n-Butylbenzene            | 14.053 | 91   | 143399   | 34.456  | ug/l  | 100      |
| 86) Hexachloroethane          | 14.329 | 117  | 29090    | 31.849  | ug/l  | 100      |
| 87) 1,2-Dichlorobenzene       | 14.106 | 146  | 98417    | 32.426  | ug/l  | 100      |
| 88) 1,2-Dibromo-3-Chloropr... | 14.717 | 75   | 13045    | 31.927  | ug/l  | 100      |
| 89) 1,2,4-Trichlorobenzene    | 15.835 | 180  | 47414    | 32.111  | ug/l  | 100      |
| 90) Hexachlorobutadiene       | 15.494 | 225  | 25656    | 31.697  | ug/l  | 100      |
| 91) Naphthalene               | 15.635 | 128  | 157657   | 32.945  | ug/l  | 100      |
| 92) 1,2,3-Trichlorobenzene    | 15.835 | 180  | 47414    | 32.111  | ug/l  | 100      |

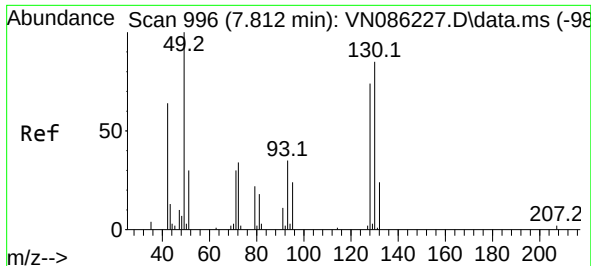
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VSTDICCC020  
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ALS Vial : 6 Sample Multiplier: 1

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MSVOA\_N  
ClientSampleId :  
VSTDICCC020

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QLast Update : Fri Apr 04 23:41:25 2025  
Response via : Initial Calibration

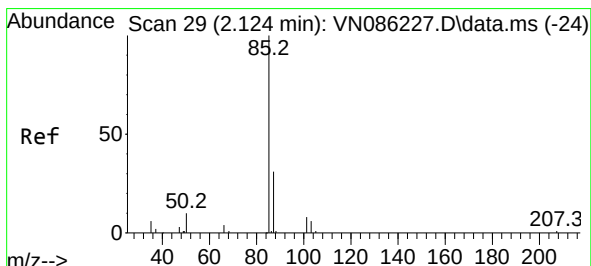
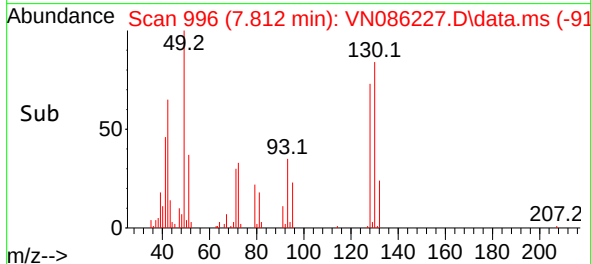
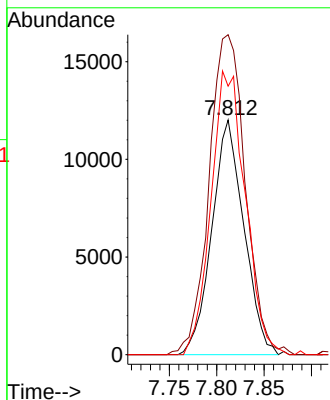
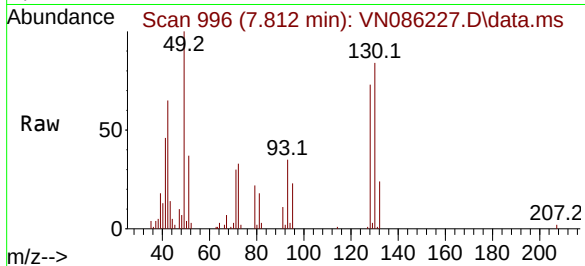




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 7.812 min Scan# 996  
Delta R.T. -0.000 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

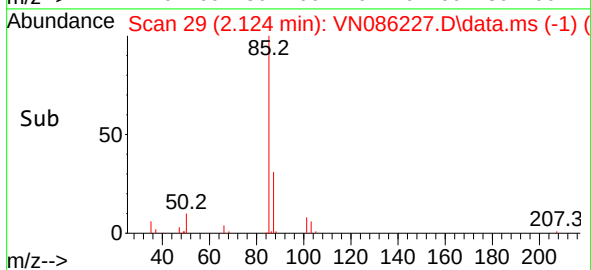
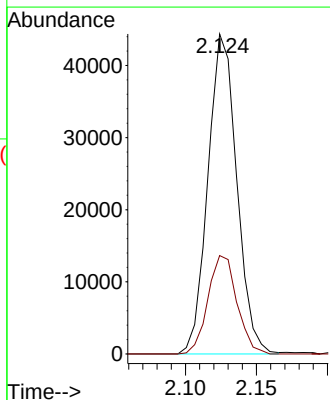
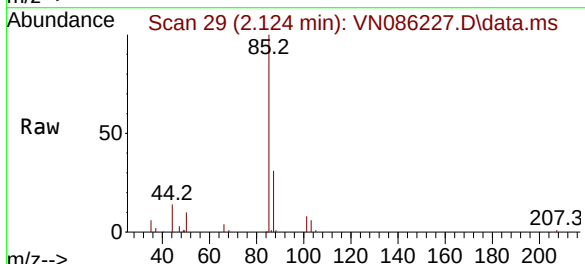
Instrument :  
MSVOA\_N  
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VSTDICCC020

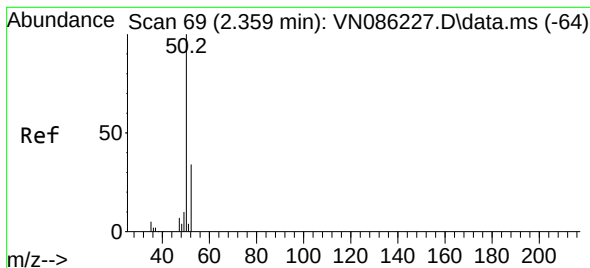
Tgt Ion:128 Resp: 28268  
Ion Ratio Lower Upper  
128 100  
49 153.8 0.0 384.5  
130 129.7 0.0 324.3



#2  
Dichlorodifluoromethane  
Concen: 32.716 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. 0.000 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

Tgt Ion: 85 Resp: 62670  
Ion Ratio Lower Upper  
85 100  
87 30.8 15.4 46.2





#3

Chloromethane

Concen: 29.468 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN086227.D

Acq: 04 Apr 2025 12:26

Instrument :

MSVOA\_N

ClientSampleId :

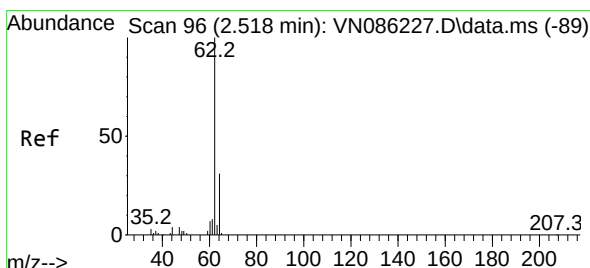
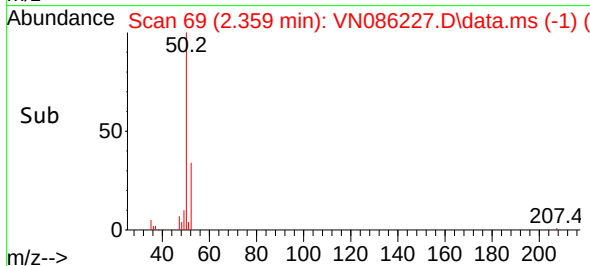
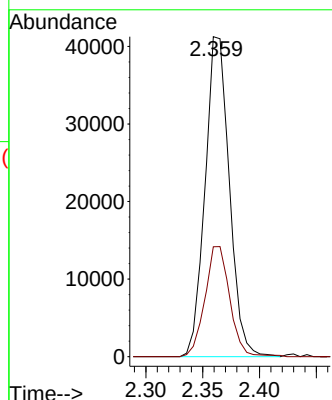
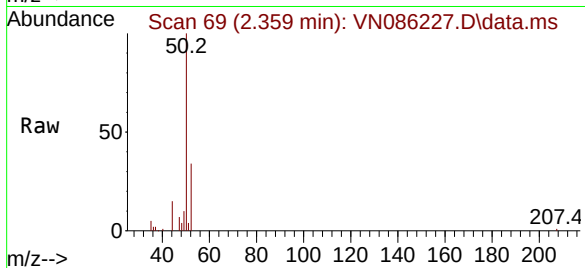
VSTDICCC020

Tgt Ion: 50 Resp: 61316

Ion Ratio Lower Upper

50 100

52 34.4 27.5 41.3



#4

Vinyl Chloride

Concen: 31.054 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.000 min

Lab File: VN086227.D

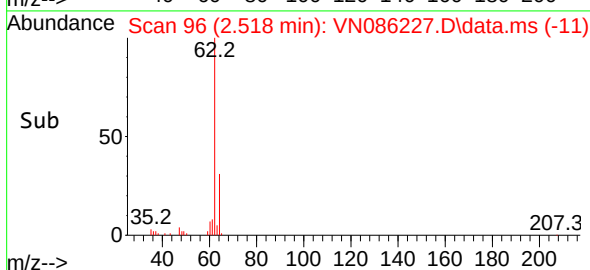
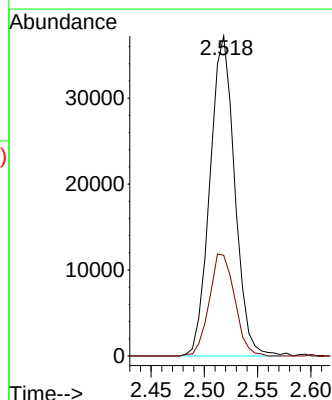
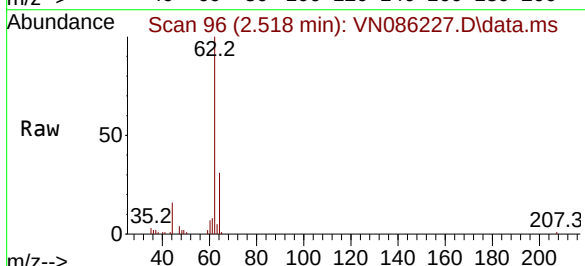
Acq: 04 Apr 2025 12:26

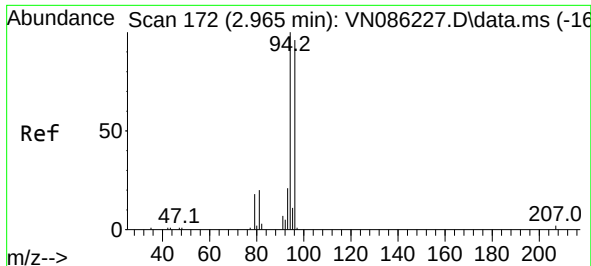
Tgt Ion: 62 Resp: 60178

Ion Ratio Lower Upper

62 100

64 31.4 25.1 37.7

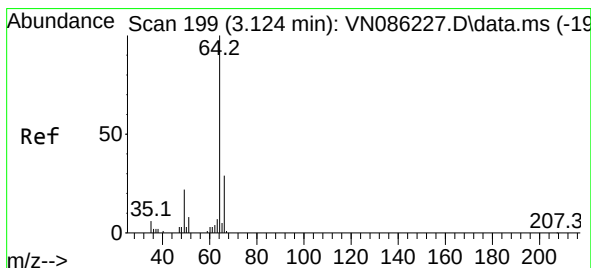
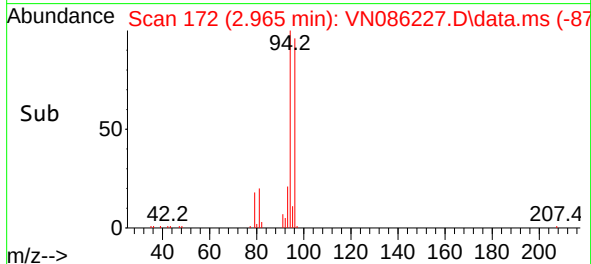
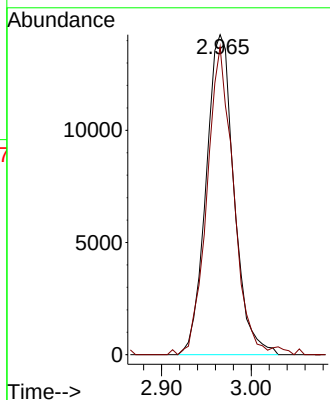
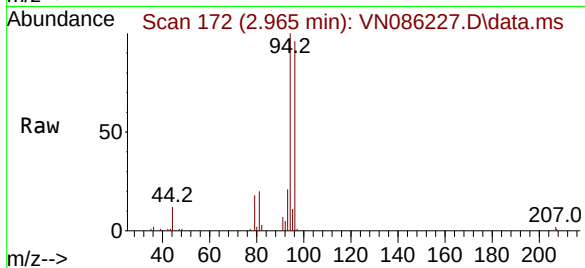




#5  
Bromomethane  
Concen: 30.731 ug/l  
RT: 2.965 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

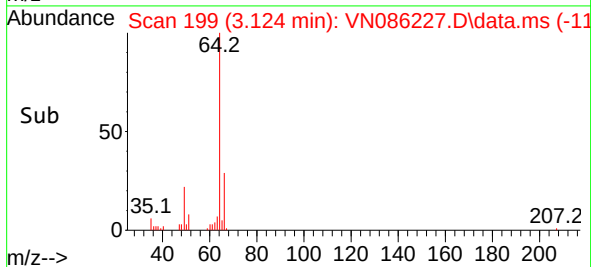
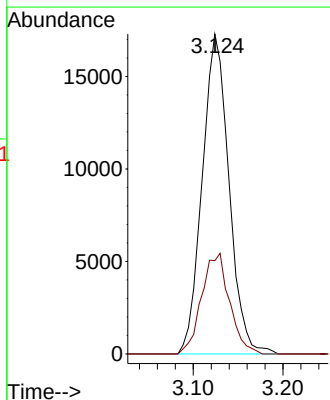
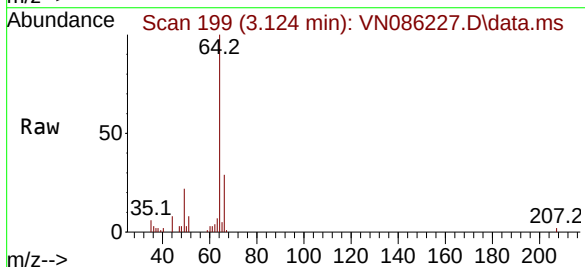
Instrument :  
MSVOA\_N  
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VSTDICCC020

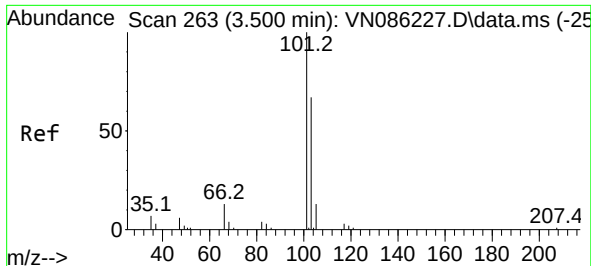
Tgt Ion: 94 Resp: 30885  
Ion Ratio Lower Upper  
94 100  
96 96.2 77.0 115.4



#6  
Chloroethane  
Concen: 30.971 ug/l  
RT: 3.124 min Scan# 199  
Delta R.T. 0.000 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

Tgt Ion: 64 Resp: 35817  
Ion Ratio Lower Upper  
64 100  
66 29.2 23.4 35.0

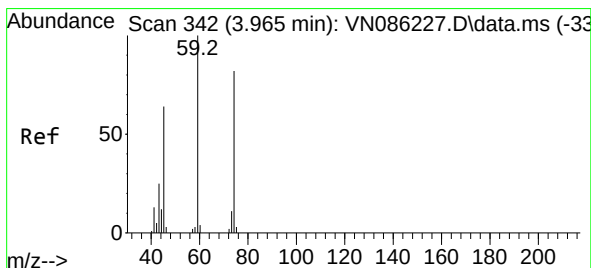
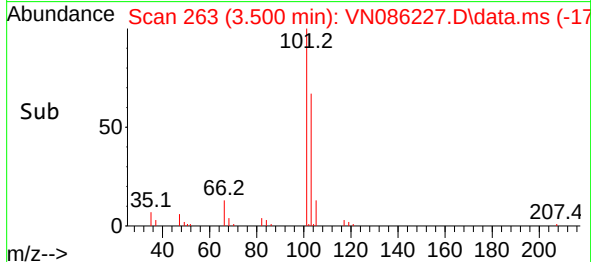
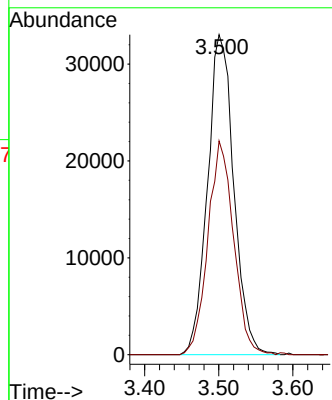
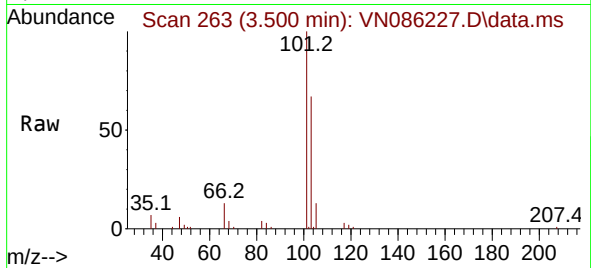




#7  
 Trichlorofluoromethane  
 Concen: 31.413 ug/l  
 RT: 3.500 min Scan# 263  
 Delta R.T. 0.000 min  
 Lab File: VN086227.D  
 Acq: 04 Apr 2025 12:26

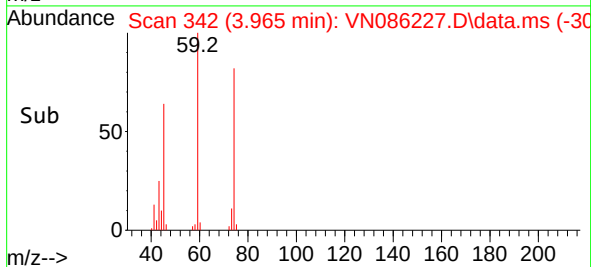
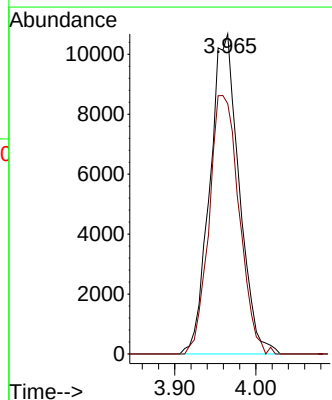
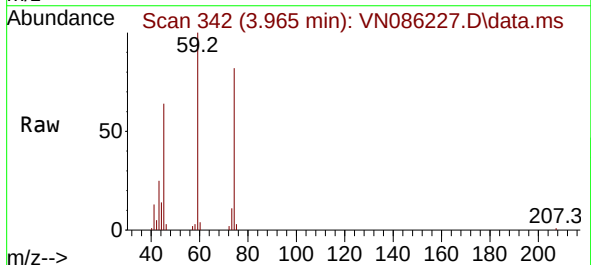
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 ClientSampleId :  
 VSTDICCC020

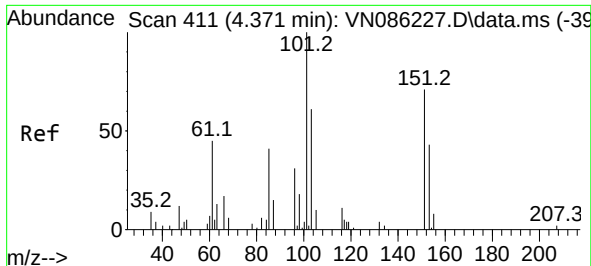
Tgt Ion:101 Resp: 81487  
 Ion Ratio Lower Upper  
 101 100  
 103 66.8 53.4 80.2



#8  
 Diethyl Ether  
 Concen: 30.937 ug/l  
 RT: 3.965 min Scan# 342  
 Delta R.T. 0.000 min  
 Lab File: VN086227.D  
 Acq: 04 Apr 2025 12:26

Tgt Ion: 74 Resp: 26747  
 Ion Ratio Lower Upper  
 74 100  
 45 82.5 16.5 148.5

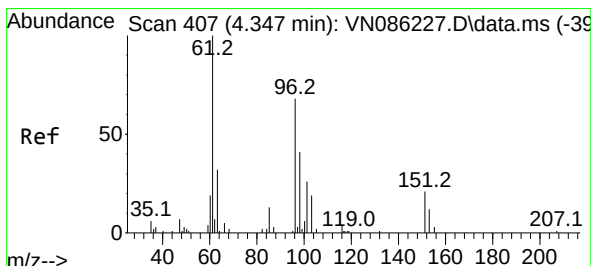
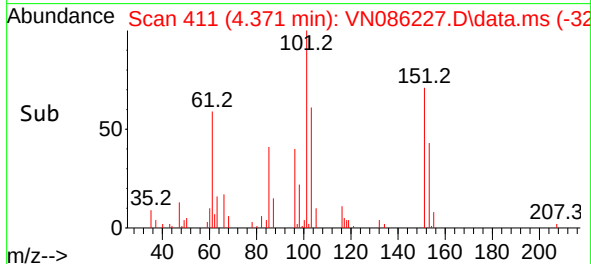
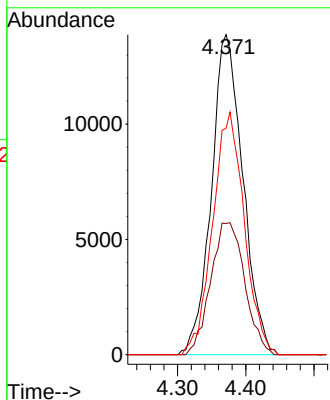
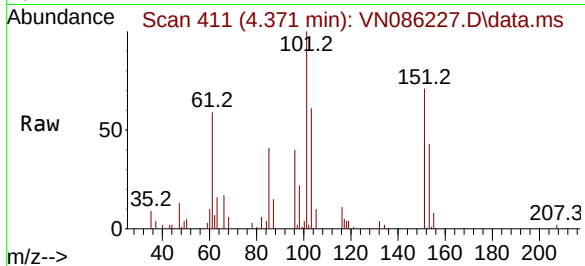




#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 30.929 ug/l  
 RT: 4.371 min Scan# 411  
 Delta R.T. 0.000 min  
 Lab File: VN086227.D  
 Acq: 04 Apr 2025 12:26

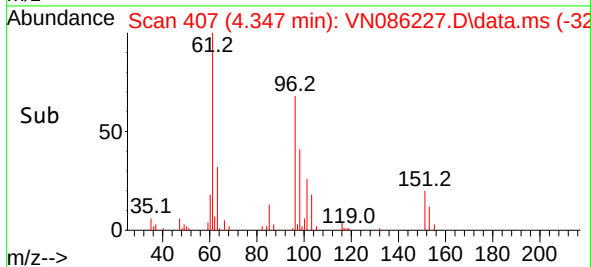
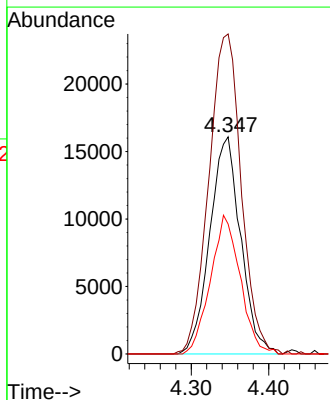
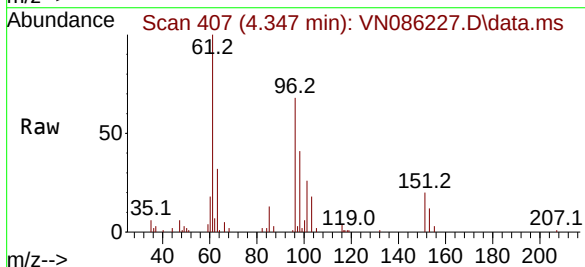
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC020

Tgt Ion:101 Resp: 44625  
 Ion Ratio Lower Upper  
 101 100  
 85 44.6 0.0 89.2  
 151 76.1 0.0 152.2

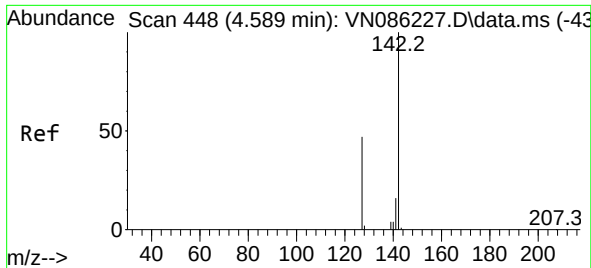


#10  
 1,1-Dichloroethene  
 Concen: 31.576 ug/l  
 RT: 4.347 min Scan# 407  
 Delta R.T. 0.000 min  
 Lab File: VN086227.D  
 Acq: 04 Apr 2025 12:26

Tgt Ion: 96 Resp: 44468  
 Ion Ratio Lower Upper  
 96 100  
 61 146.3 117.0 175.6  
 98 59.8 47.8 71.8



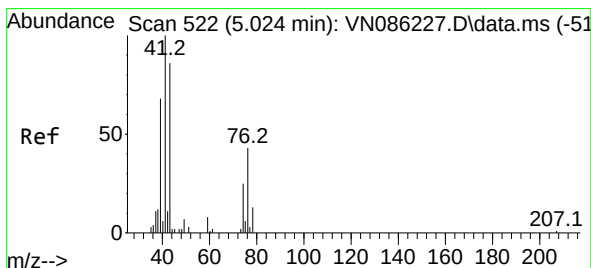
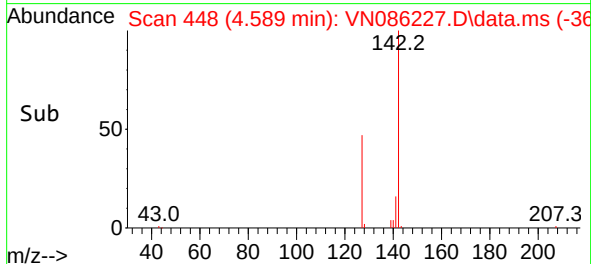
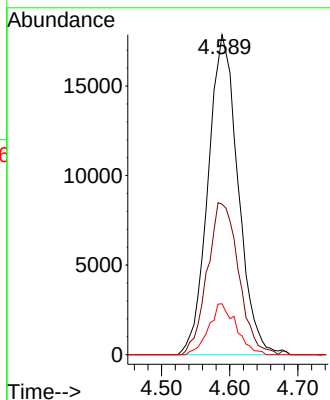
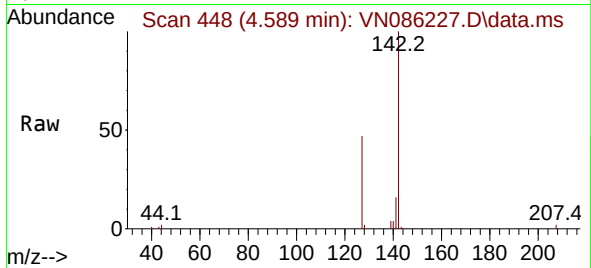




#11  
Methyl Iodide  
Concen: 30.265 ug/l  
RT: 4.589 min Scan# 448  
Delta R.T. 0.000 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

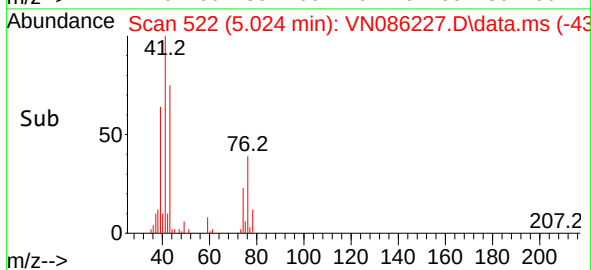
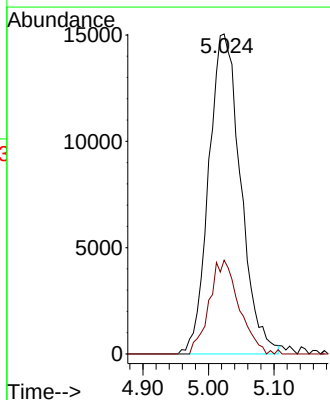
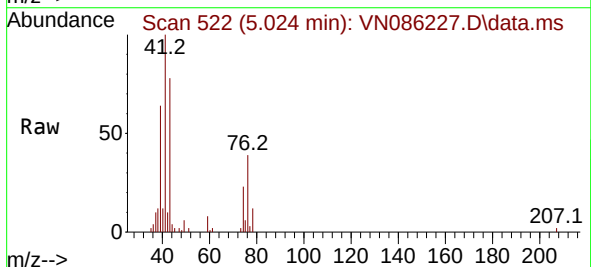
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

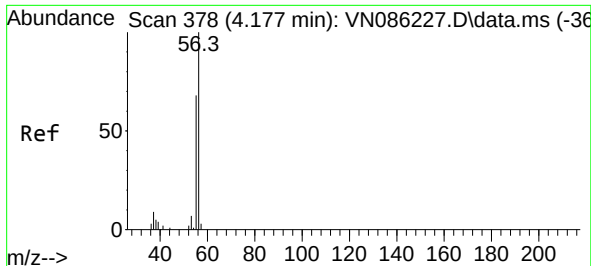
Tgt Ion:142 Resp: 54670  
Ion Ratio Lower Upper  
142 100  
127 47.3 23.6 71.0  
141 16.0 8.0 24.0



#12  
Methyl Acetate  
Concen: 27.324 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. 0.000 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

Tgt Ion: 43 Resp: 50845  
Ion Ratio Lower Upper  
43 100  
74 29.0 23.2 34.8





#13

Acrolein

Concen: 176.861 ug/l

RT: 4.177 min Scan# 378

Delta R.T. 0.000 min

Lab File: VN086227.D

Acq: 04 Apr 2025 12:26

Instrument :

MSVOA\_N

ClientSampleId :

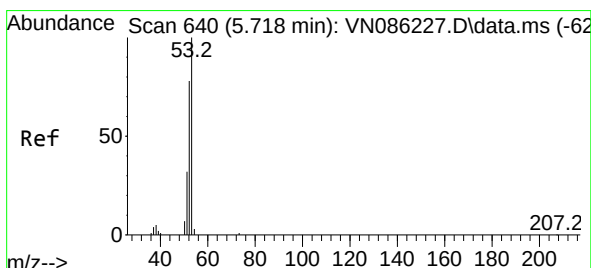
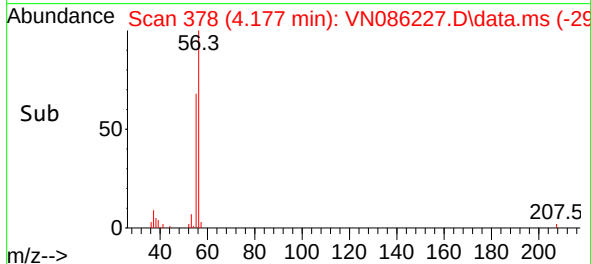
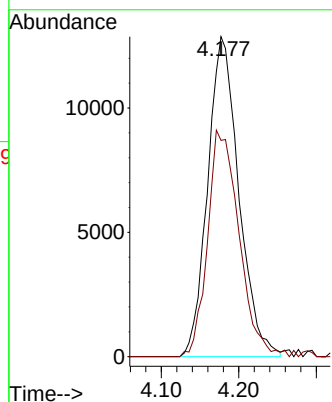
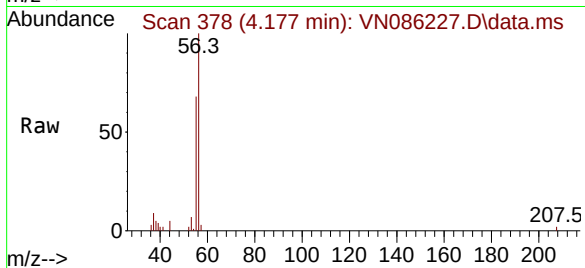
VSTDICCC020

Tgt Ion: 56 Resp: 35948

Ion Ratio Lower Upper

56 100

55 71.0 56.8 85.2



#14

Acrylonitrile

Concen: 151.007 ug/l

RT: 5.718 min Scan# 640

Delta R.T. 0.000 min

Lab File: VN086227.D

Acq: 04 Apr 2025 12:26

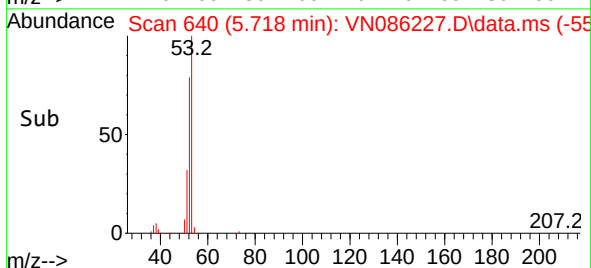
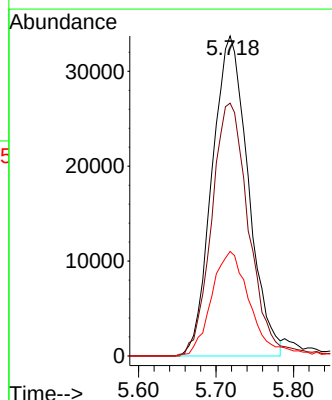
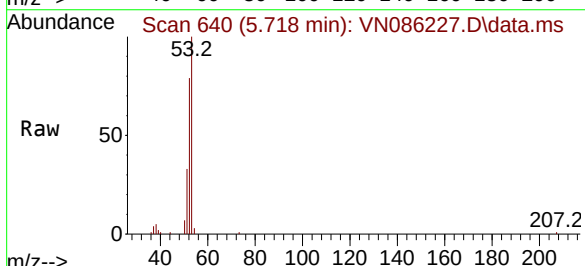
Tgt Ion: 53 Resp: 109537

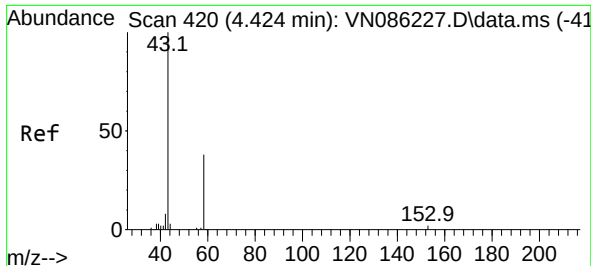
Ion Ratio Lower Upper

53 100

52 81.2 40.6 121.8

51 33.8 16.9 50.7





#15

Acetone

Concen: 138.149 ug/l

RT: 4.424 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN086227.D

Acq: 04 Apr 2025 12:26

Instrument :

MSVOA\_N

ClientSampleId :

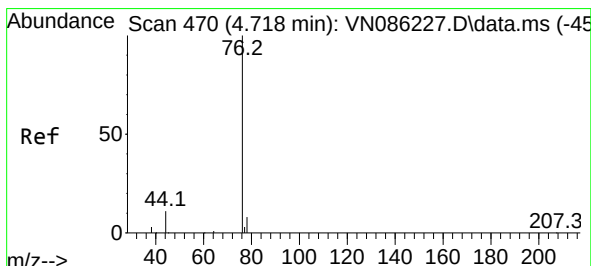
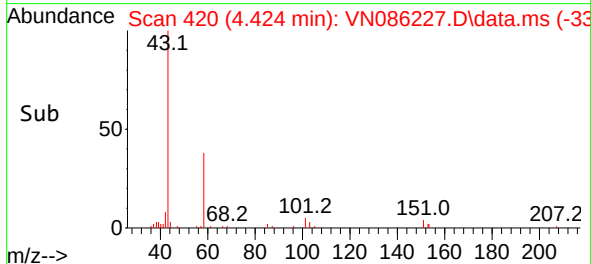
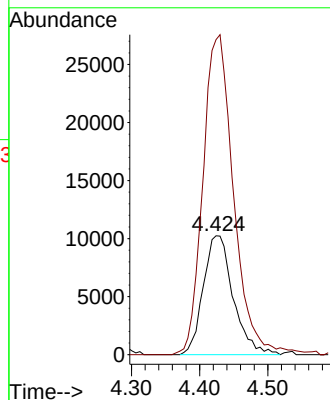
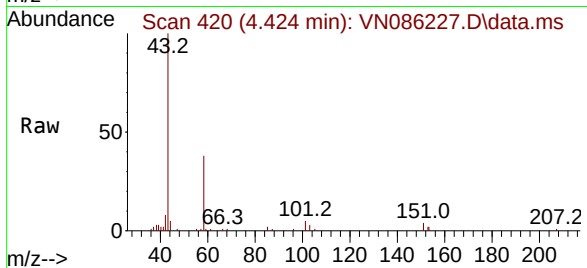
VSTDICCC020

Tgt Ion: 58 Resp: 31262

Ion Ratio Lower Upper

58 100

43 262.0 209.6 314.4



#16

Carbon Disulfide

Concen: 28.996 ug/l

RT: 4.718 min Scan# 470

Delta R.T. 0.000 min

Lab File: VN086227.D

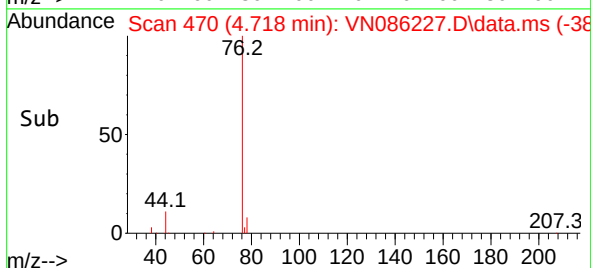
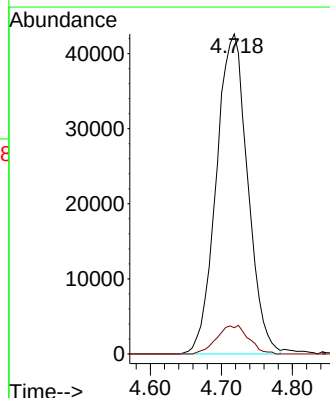
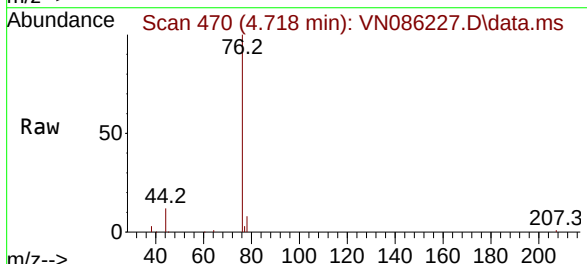
Acq: 04 Apr 2025 12:26

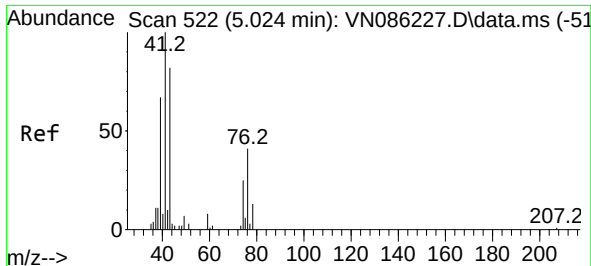
Tgt Ion: 76 Resp: 130810

Ion Ratio Lower Upper

76 100

78 8.2 6.6 9.8





#17

Allyl chloride

Concen: 30.216 ug/l

RT: 5.024 min Scan# 51

Delta R.T. 0.000 min

Lab File: VN086227.D

Acq: 04 Apr 2025 12:26

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC020

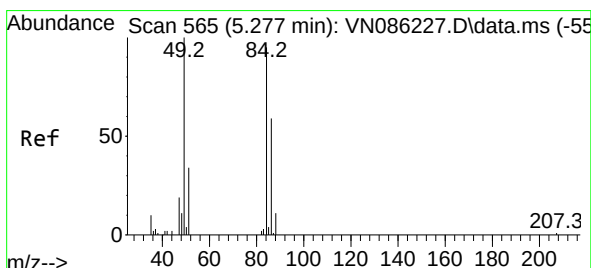
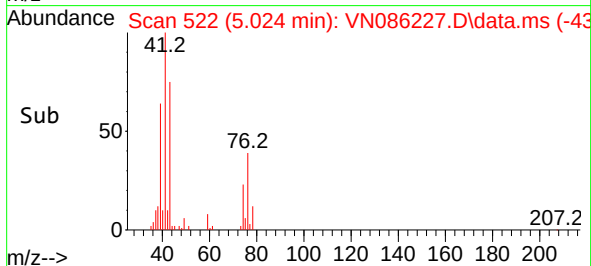
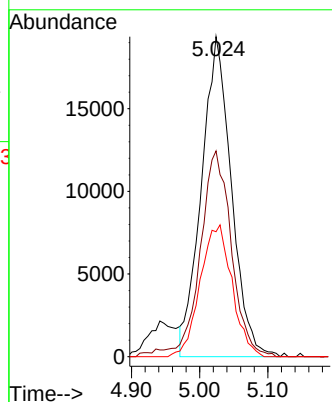
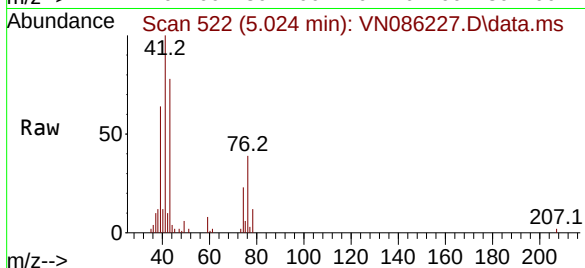
Tgt Ion: 41 Resp: 59189

Ion Ratio Lower Upper

41 100

39 64.3 32.1 96.5

76 39.1 19.6 58.7



#18

Methylene Chloride

Concen: 29.783 ug/l

RT: 5.277 min Scan# 565

Delta R.T. 0.000 min

Lab File: VN086227.D

Acq: 04 Apr 2025 12:26

Tgt Ion: 84 Resp: 50289

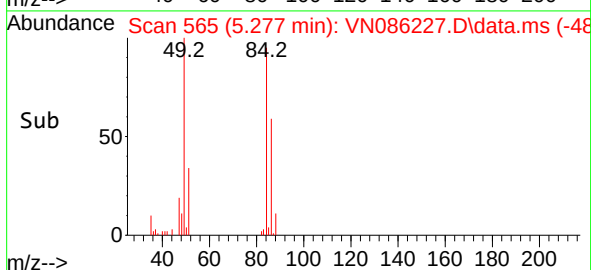
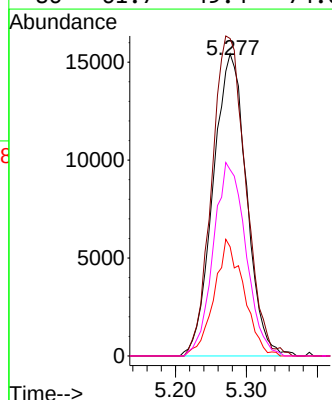
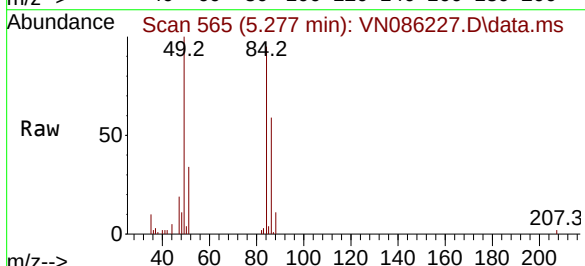
Ion Ratio Lower Upper

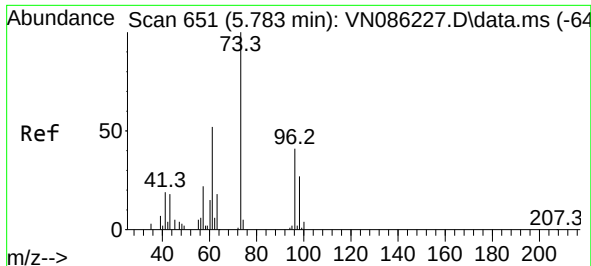
84 100

49 105.1 84.1 126.1

51 36.1 28.9 43.3

86 61.7 49.4 74.0

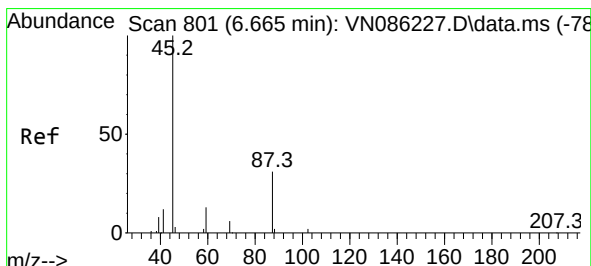
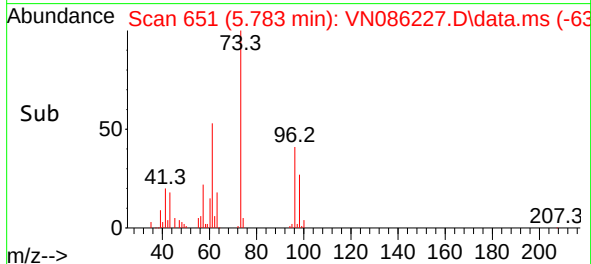
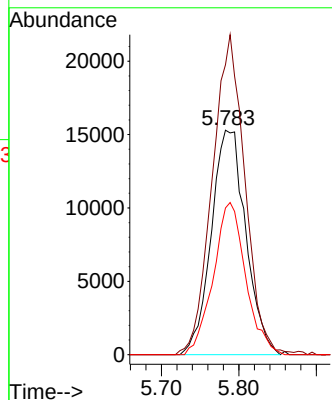
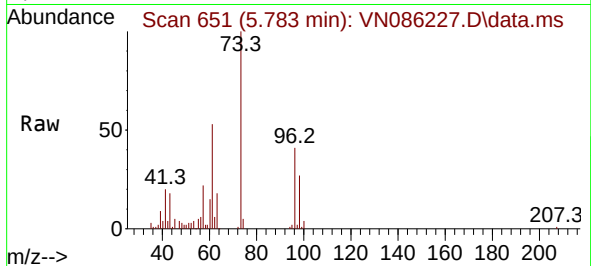




#19  
trans-1,2-Dichloroethene  
Concen: 31.154 ug/l  
RT: 5.783 min Scan# 651  
Delta R.T. 0.000 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

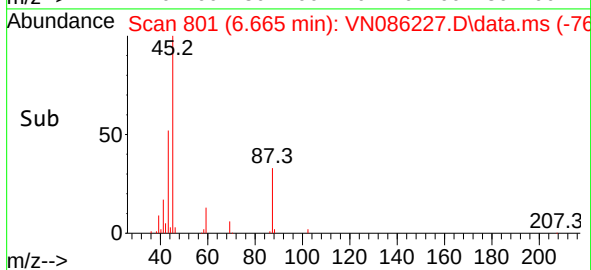
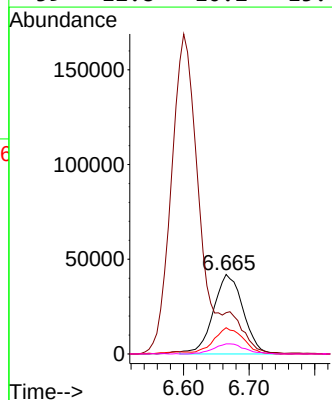
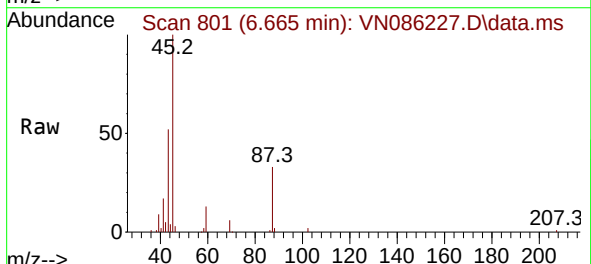
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

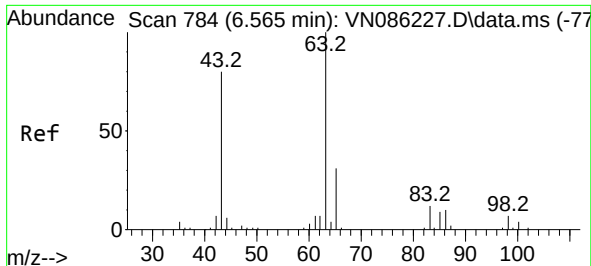
Tgt Ion: 96 Resp: 47381  
Ion Ratio Lower Upper  
96 100  
61 127.4 101.9 152.9  
98 65.4 52.3 78.5



#20  
Diisopropyl ether  
Concen: 32.188 ug/l  
RT: 6.665 min Scan# 801  
Delta R.T. 0.000 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

Tgt Ion: 45 Resp: 132361  
Ion Ratio Lower Upper  
45 100  
43 50.4 40.3 60.5  
87 33.1 26.5 39.7  
59 12.8 10.2 15.4

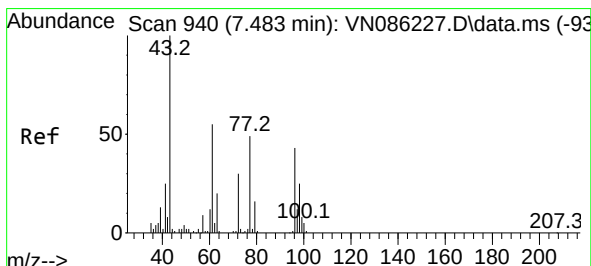
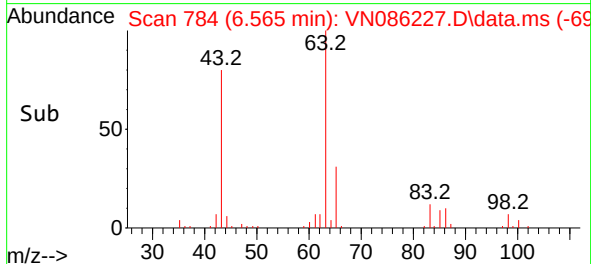
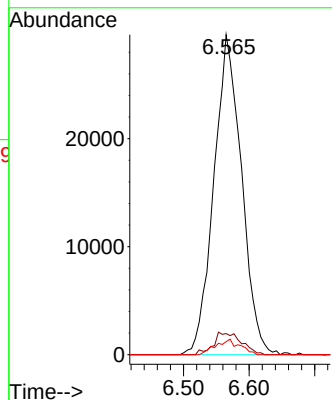
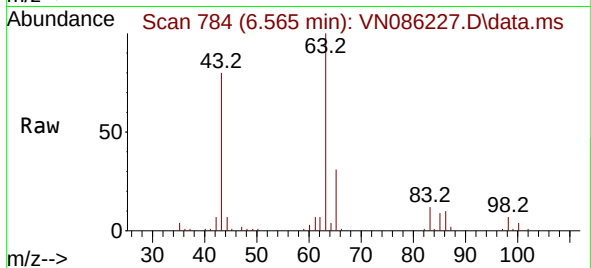




#21  
1,1-Dichloroethane  
Concen: 30.957 ug/l  
RT: 6.565 min Scan# 784  
Delta R.T. 0.000 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

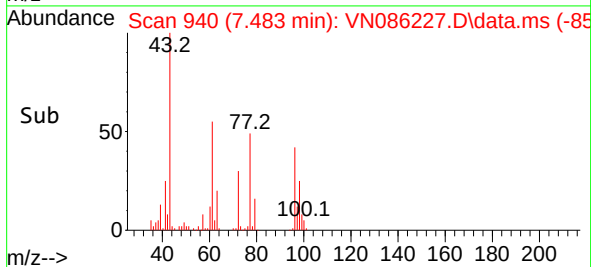
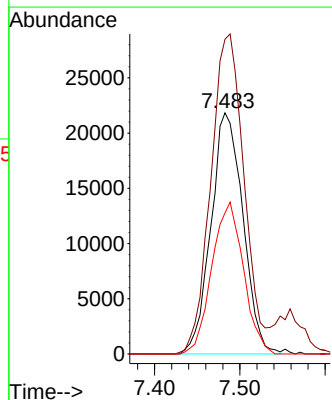
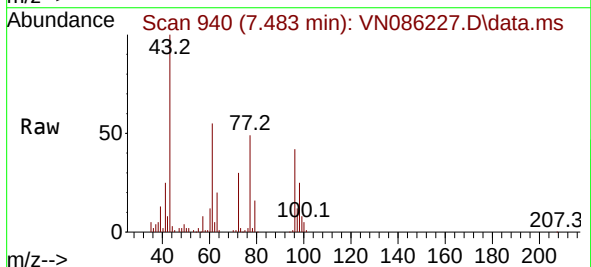
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

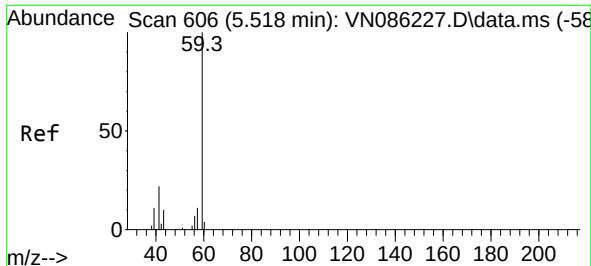
Tgt Ion: 63 Resp: 86765  
Ion Ratio Lower Upper  
63 100  
98 6.6 3.3 9.9  
100 4.1 2.1 6.2



#22  
cis-1,2-Dichloroethene  
Concen: 31.574 ug/l  
RT: 7.483 min Scan# 940  
Delta R.T. 0.000 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

Tgt Ion: 96 Resp: 56953  
Ion Ratio Lower Upper  
96 100  
61 137.1 109.7 164.5  
98 62.1 49.7 74.5

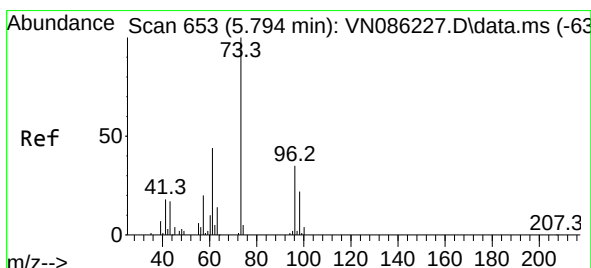
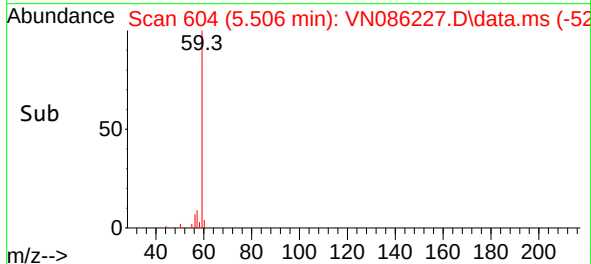
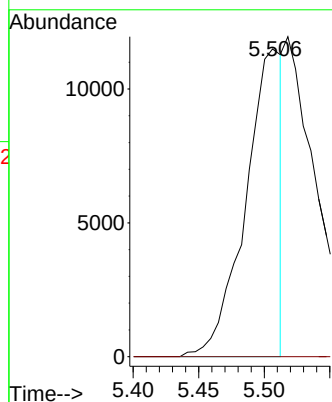
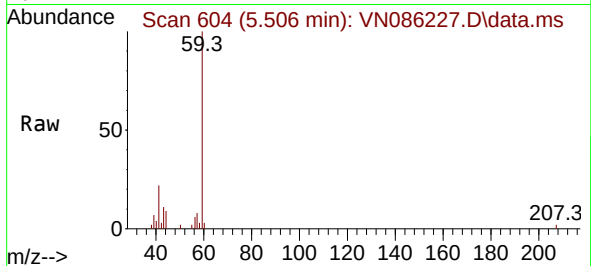




#23  
tert-Butyl Alcohol  
Concen: 83.748 ug/l  
RT: 5.506 min Scan# 606  
Delta R.T. -0.012 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

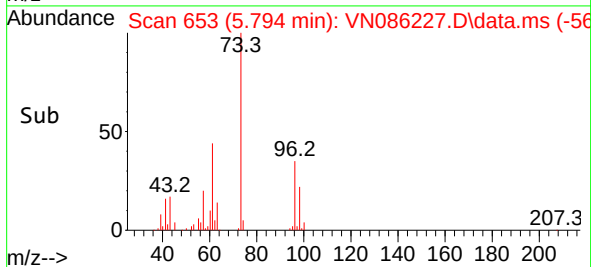
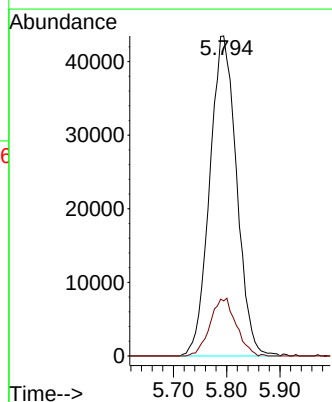
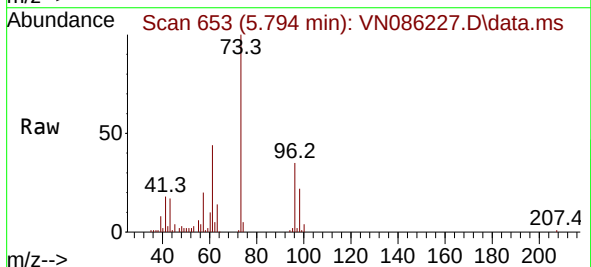
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

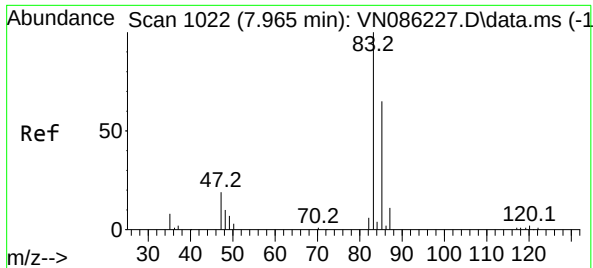
Tgt Ion: 59 Resp: 22183  
Ion Ratio Lower Upper  
59 100  
52 0.0 0.0 0.0



#24  
Methyl tert-Butyl Ether  
Concen: 33.143 ug/l  
RT: 5.794 min Scan# 653  
Delta R.T. 0.000 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

Tgt Ion: 73 Resp: 152460  
Ion Ratio Lower Upper  
73 100  
43 17.4 13.9 20.9

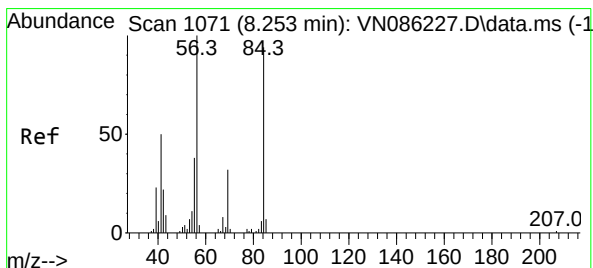
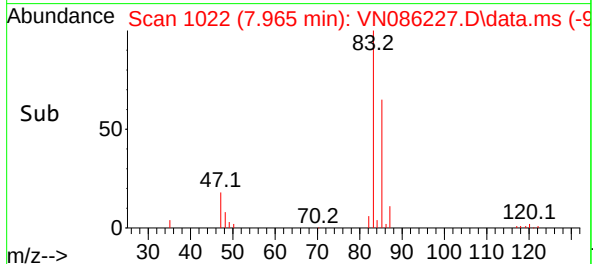
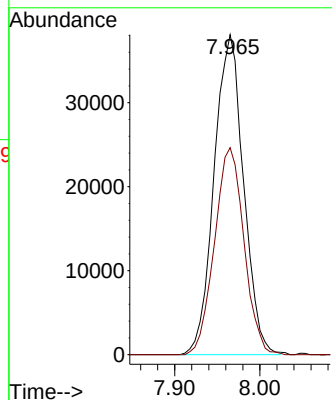
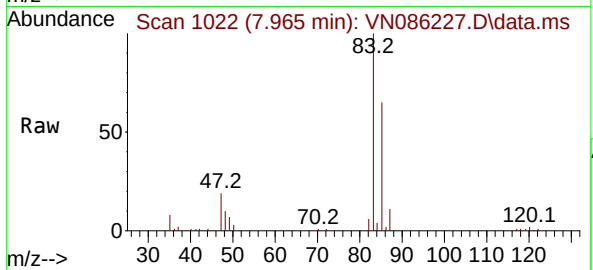




#25  
Chloroform  
Concen: 31.085 ug/l  
RT: 7.965 min Scan# 1022  
Delta R.T. 0.000 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

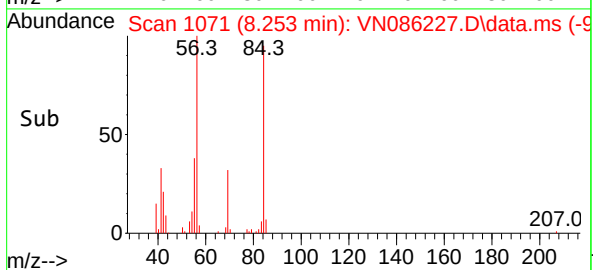
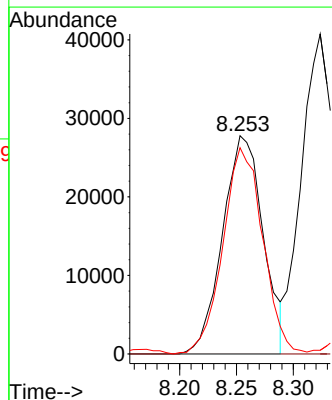
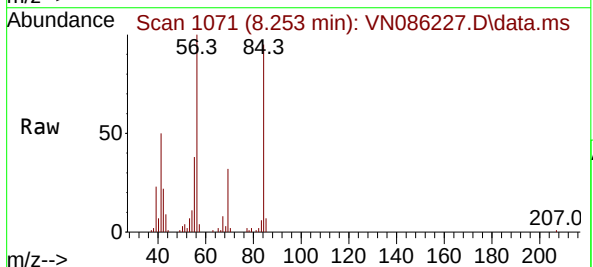
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

Tgt Ion: 83 Resp: 91425  
Ion Ratio Lower Upper  
83 100  
85 64.7 51.8 77.6

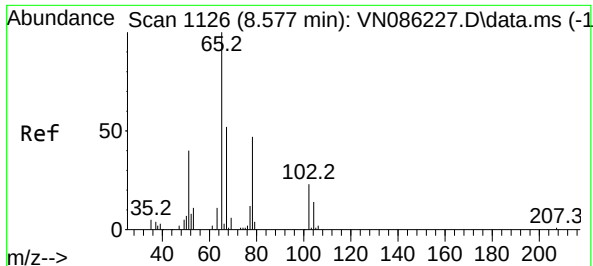


#26  
Cyclohexane  
Concen: 30.628 ug/l  
RT: 8.253 min Scan# 1071  
Delta R.T. 0.000 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

Tgt Ion: 56 Resp: 69098  
Ion Ratio Lower Upper  
56 100  
89 0.0 0.0 0.0  
84 92.9 74.3 111.5







#27

1,2-Dichloroethane-d4

Concen: 29.290 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086227.D

Acq: 04 Apr 2025 12:26

Instrument :

MSVOA\_N

ClientSampleId :

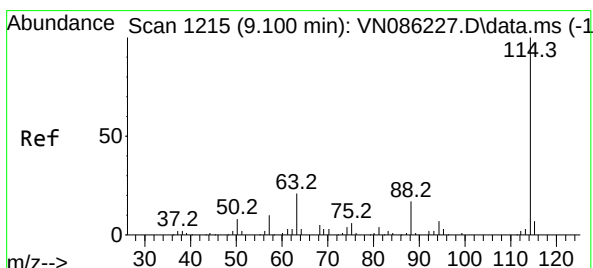
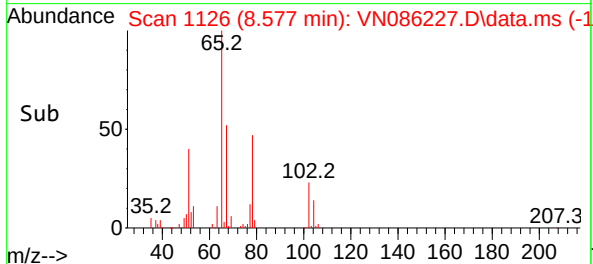
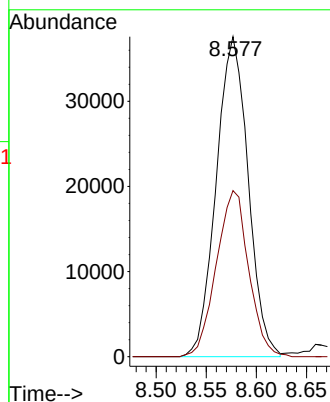
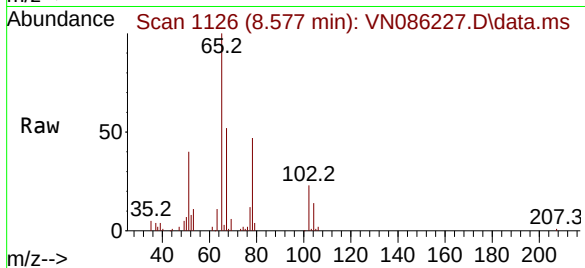
VSTDICCC020

Tgt Ion: 65 Resp: 83097

Ion Ratio Lower Upper

65 100

67 52.6 42.1 63.1



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN086227.D

Acq: 04 Apr 2025 12:26

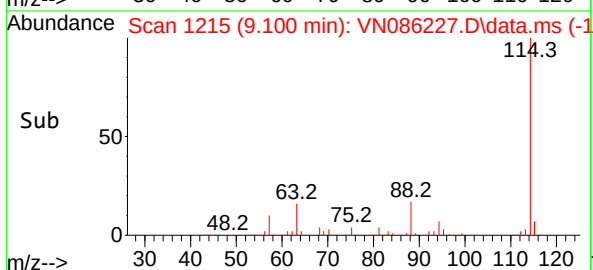
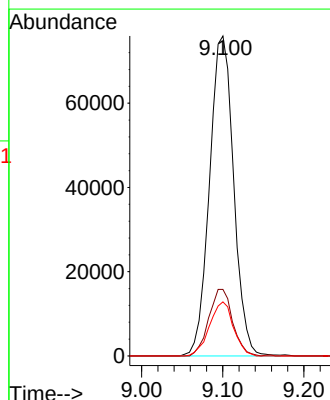
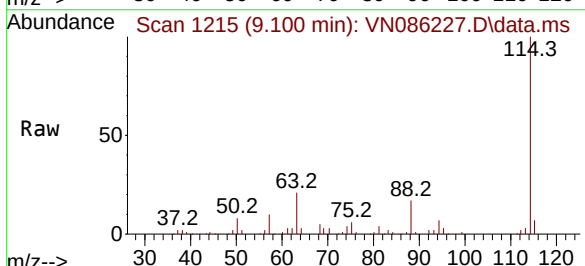
Tgt Ion: 114 Resp: 156838

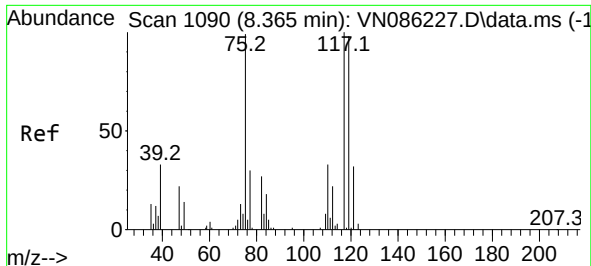
Ion Ratio Lower Upper

114 100

63 20.5 16.4 24.6

88 16.8 13.4 20.2





#29

1,1-Dichloropropene

Concen: 32.818 ug/l

RT: 8.365 min Scan# 110

Delta R.T. 0.000 min

Lab File: VN086227.D

Acq: 04 Apr 2025 12:26

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC020

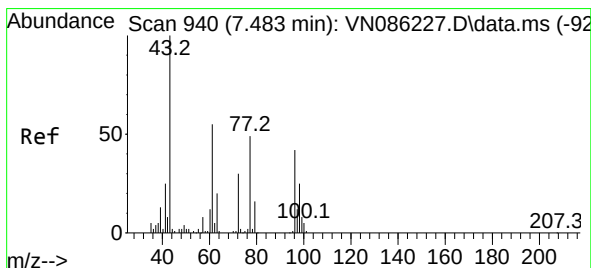
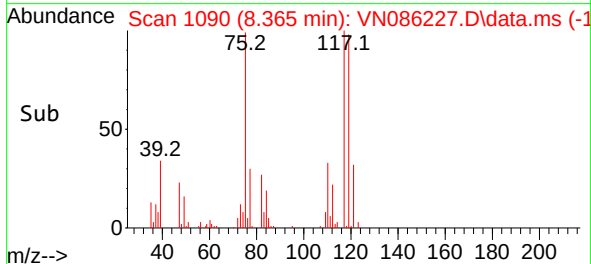
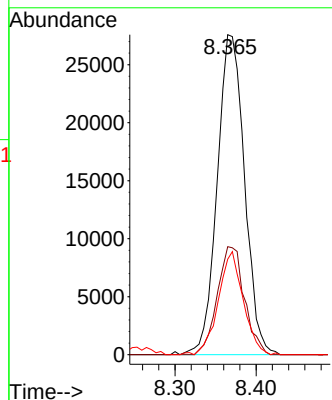
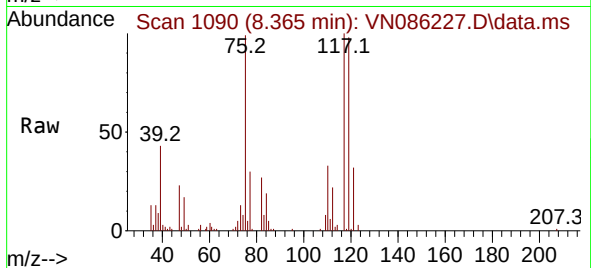
Tgt Ion: 75 Resp: 64589

Ion Ratio Lower Upper

75 100

110 33.4 0.0 66.8

77 29.2 0.0 58.4



#30

2-Butanone

Concen: 155.584 ug/l

RT: 7.483 min Scan# 940

Delta R.T. 0.000 min

Lab File: VN086227.D

Acq: 04 Apr 2025 12:26

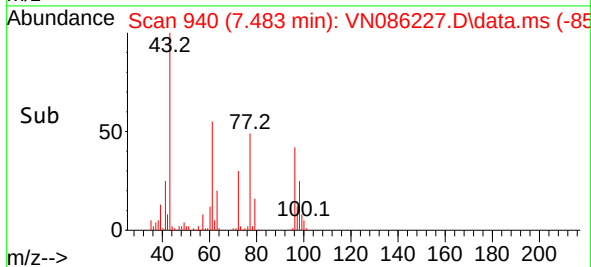
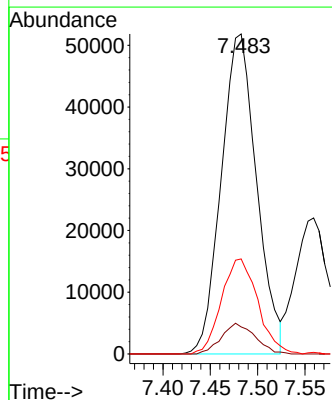
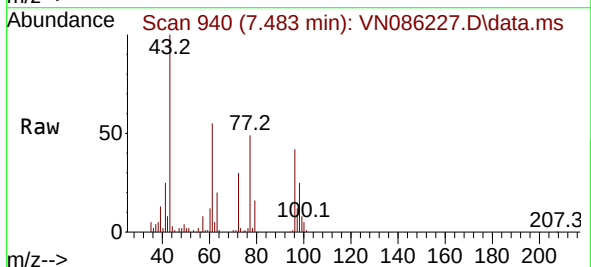
Tgt Ion: 43 Resp: 134612

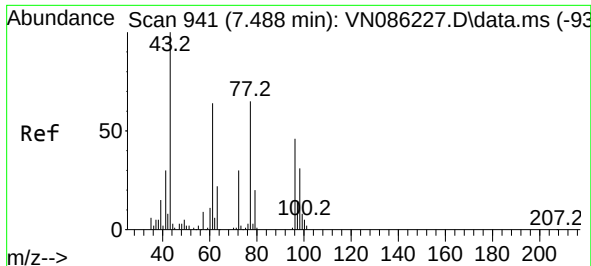
Ion Ratio Lower Upper

43 100

57 9.1 7.3 10.9

72 30.4 24.3 36.5





#31

2,2-Dichloropropane

Concen: 33.033 ug/l

RT: 7.488 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN086227.D

Acq: 04 Apr 2025 12:26

Instrument :

MSVOA\_N

ClientSampleId :

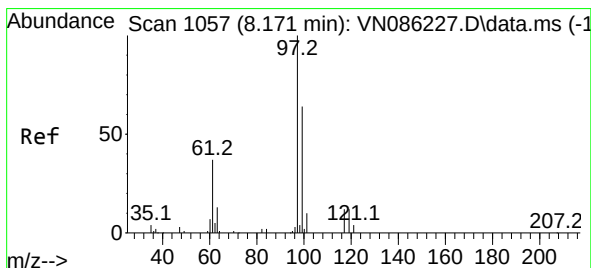
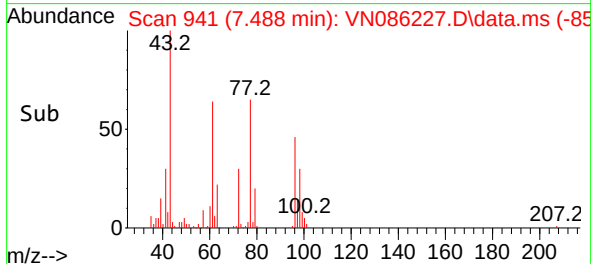
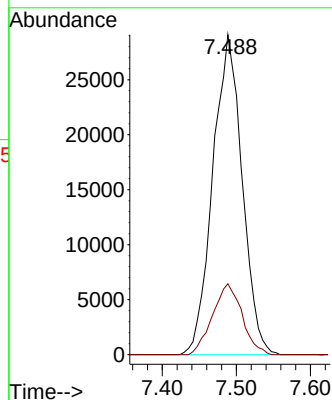
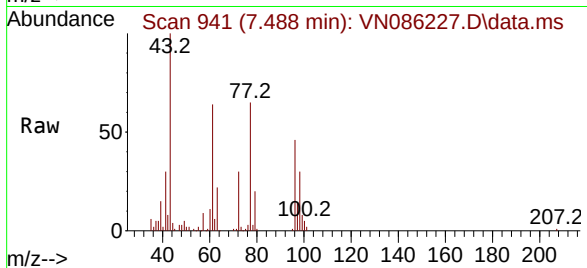
VSTDICCC020

Tgt Ion: 77 Resp: 80104

Ion Ratio Lower Upper

77 100

97 22.3 17.8 26.8



#32

1,1,1-Trichloroethane

Concen: 32.252 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN086227.D

Acq: 04 Apr 2025 12:26

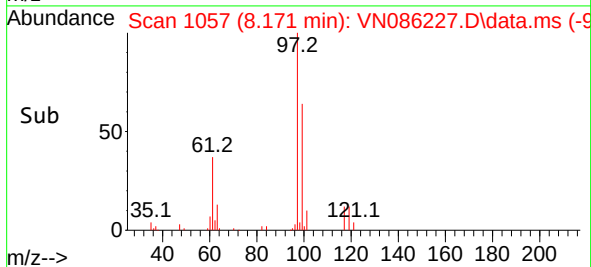
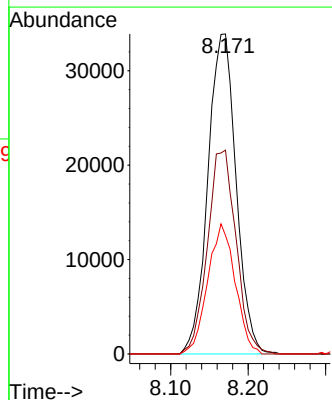
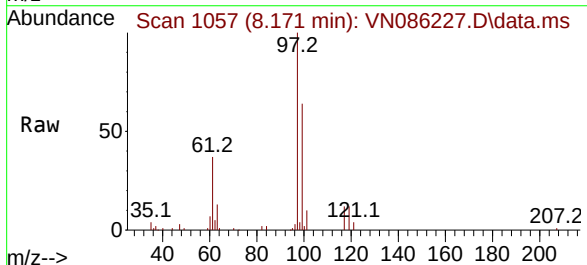
Tgt Ion: 97 Resp: 85837

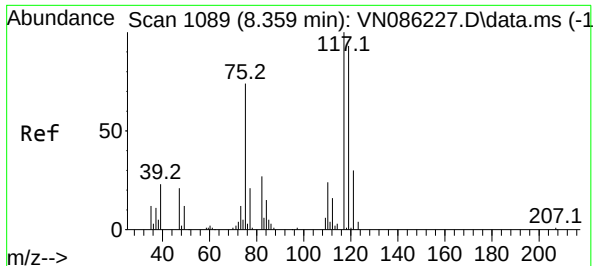
Ion Ratio Lower Upper

97 100

99 64.7 51.8 77.6

61 39.6 31.7 47.5

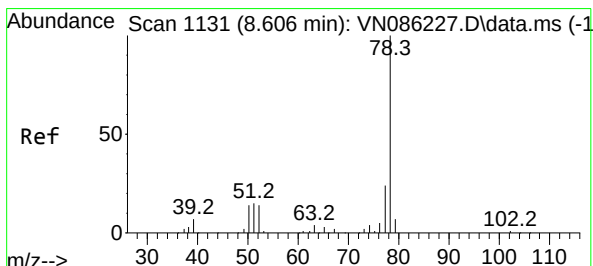
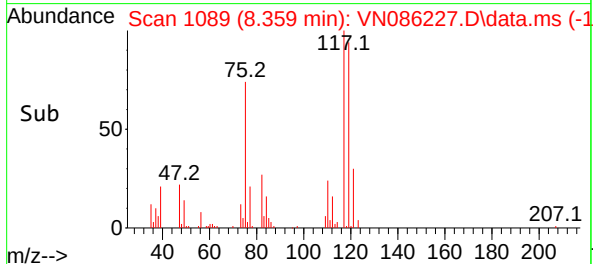
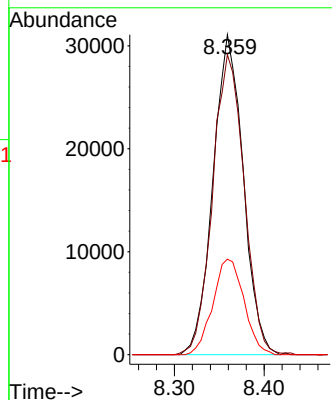
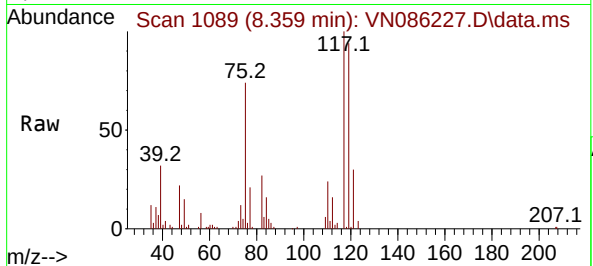




#33  
Carbon Tetrachloride  
Concen: 31.989 ug/l  
RT: 8.359 min Scan# 1089  
Delta R.T. 0.000 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

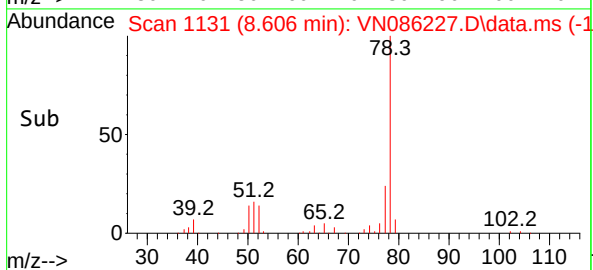
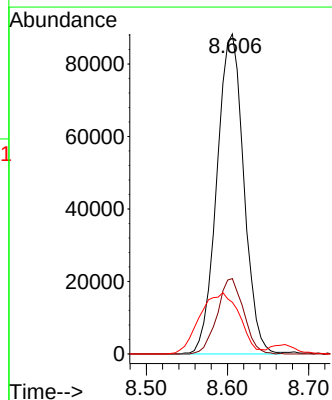
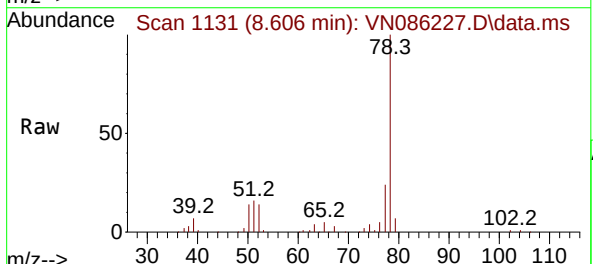
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

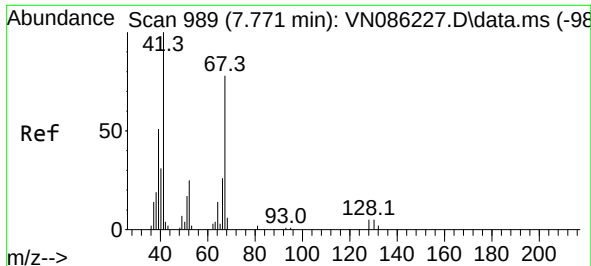
Tgt Ion:117 Resp: 72612  
Ion Ratio Lower Upper  
117 100  
119 93.3 74.6 112.0  
121 29.8 23.8 35.8



#34  
Benzene  
Concen: 31.101 ug/l  
RT: 8.606 min Scan# 1131  
Delta R.T. 0.000 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

Tgt Ion: 78 Resp: 203238  
Ion Ratio Lower Upper  
78 100  
77 23.5 18.8 28.2  
51 14.9 11.9 17.9

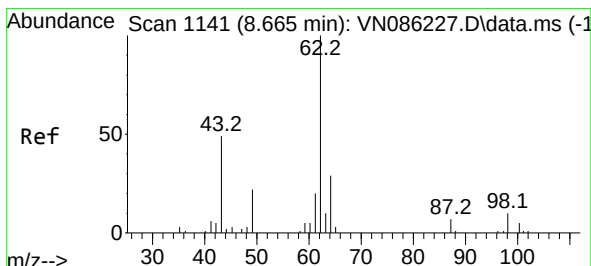
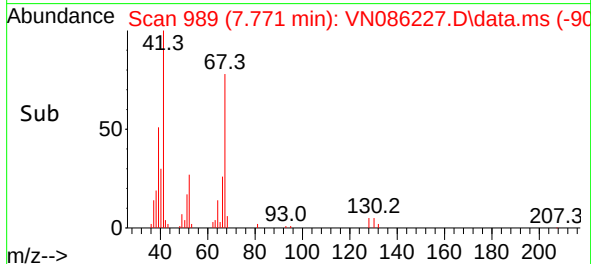
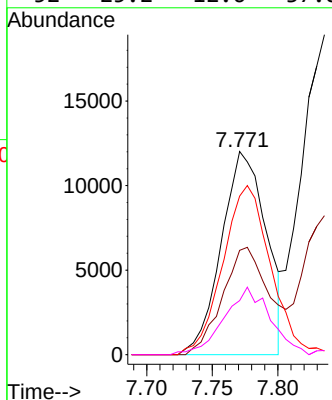
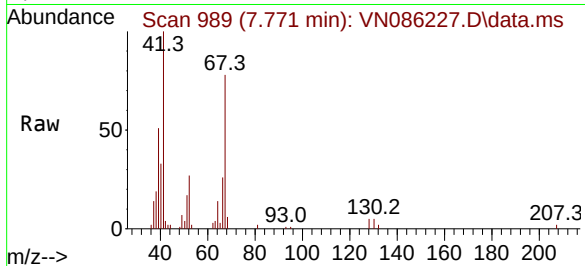




#35  
Methacrylonitrile  
Concen: 29.645 ug/l  
RT: 7.771 min Scan# 989  
Delta R.T. 0.000 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

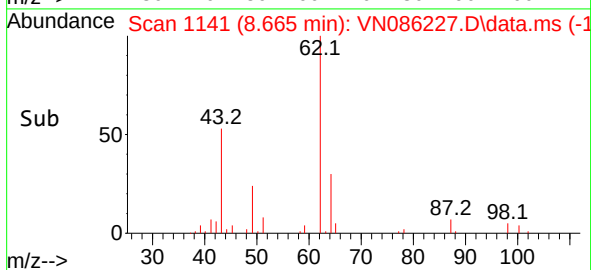
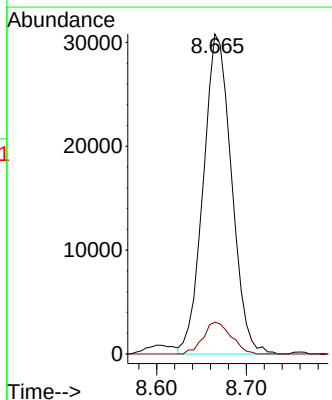
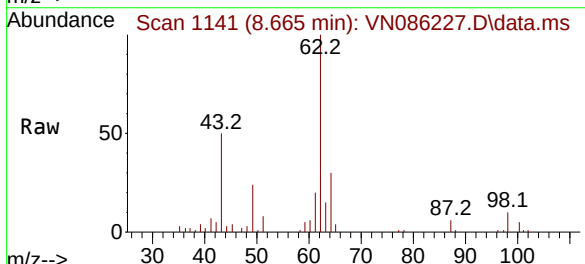
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

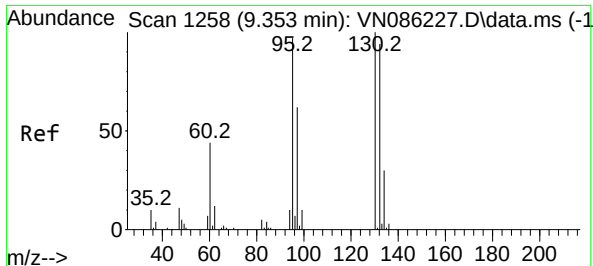
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 28638 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 51.3  | 25.7  | 77.0  |
| 67       | 78.0  | 39.0  | 117.0 |
| 52       | 25.2  | 12.6  | 37.8  |



#36  
1,2-Dichloroethane  
Concen: 31.013 ug/l  
RT: 8.665 min Scan# 1141  
Delta R.T. 0.000 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 67310 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.8   | 7.8   | 11.8  |

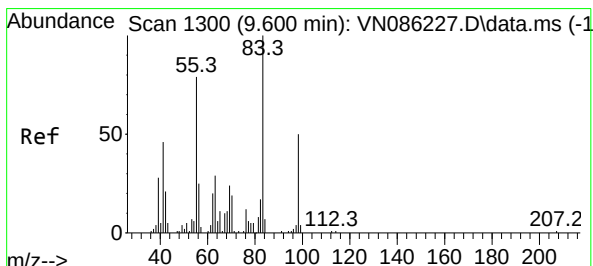
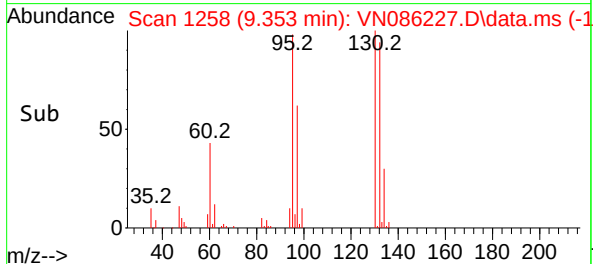
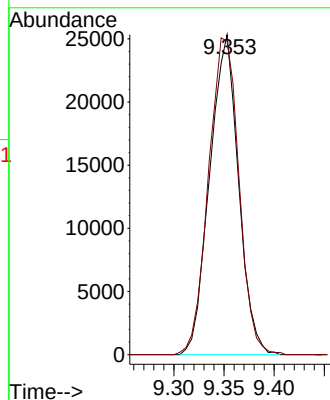
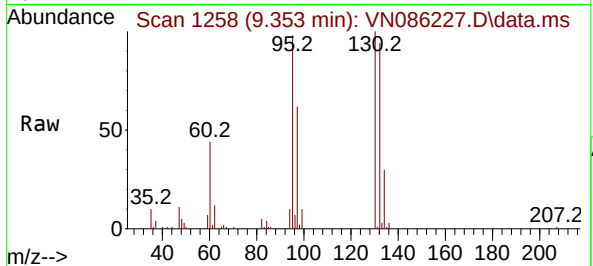




#37  
Trichloroethene  
Concen: 32.247 ug/l  
RT: 9.353 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

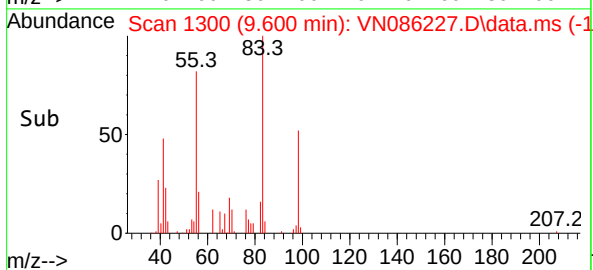
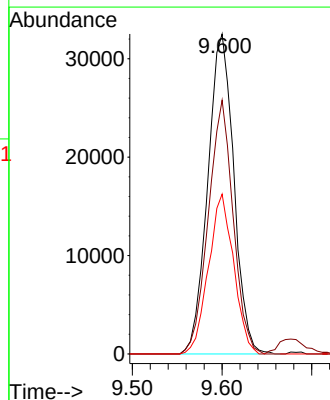
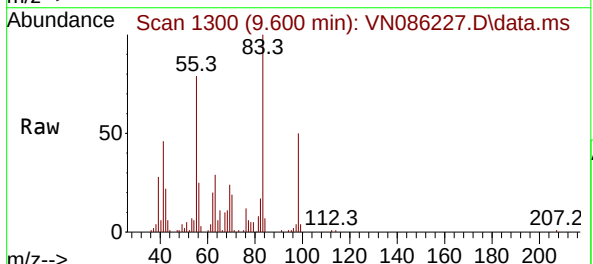
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

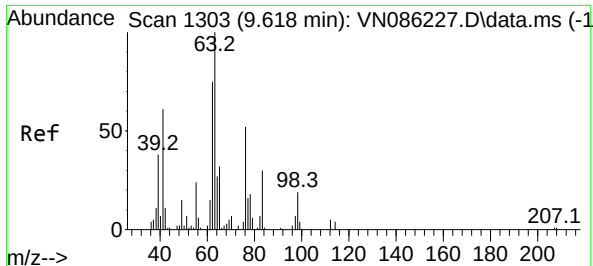
Tgt Ion:130 Resp: 50468  
Ion Ratio Lower Upper  
130 100  
95 97.3 77.8 116.8



#38  
Methylcyclohexane  
Concen: 31.673 ug/l  
RT: 9.600 min Scan# 1300  
Delta R.T. 0.000 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

Tgt Ion: 83 Resp: 65407  
Ion Ratio Lower Upper  
83 100  
55 75.9 38.0 113.9  
98 48.4 24.2 72.6





#39

1,2-Dichloropropane

Concen: 31.322 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN086227.D

Acq: 04 Apr 2025 12:26

Instrument :

MSVOA\_N

ClientSampleId :

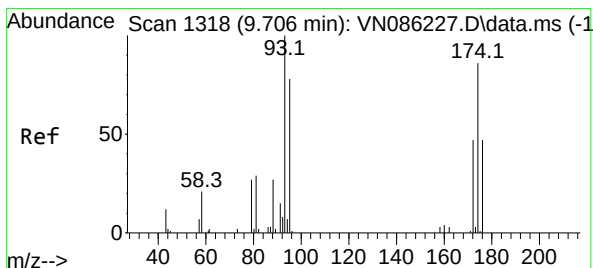
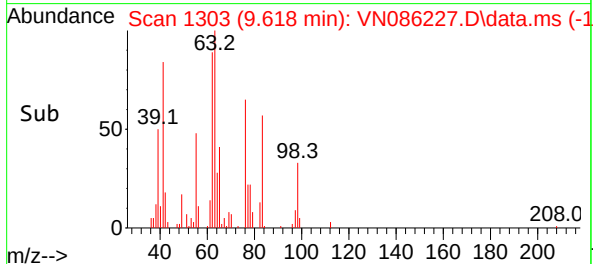
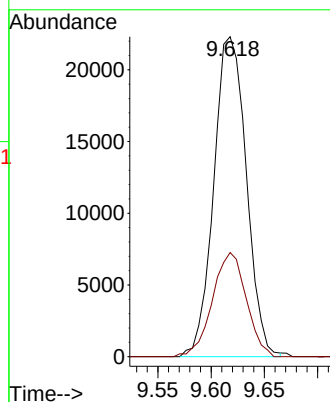
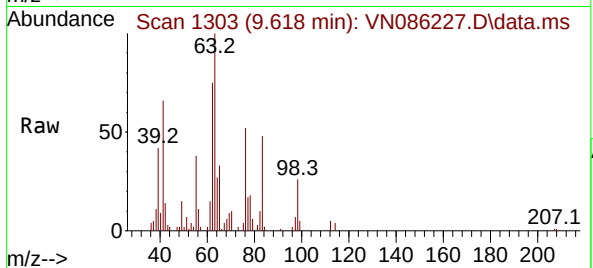
VSTDICCC020

Tgt Ion: 63 Resp: 47429

Ion Ratio Lower Upper

63 100

65 32.5 26.0 39.0



#40

Dibromomethane

Concen: 31.305 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN086227.D

Acq: 04 Apr 2025 12:26

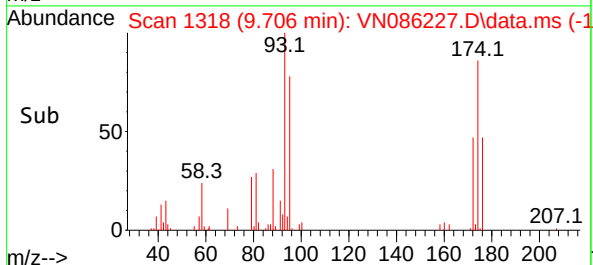
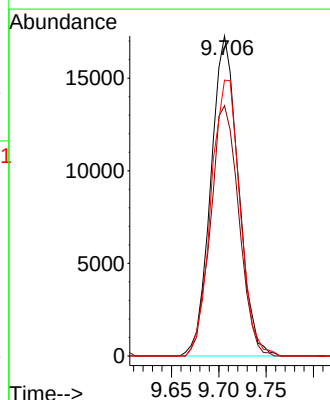
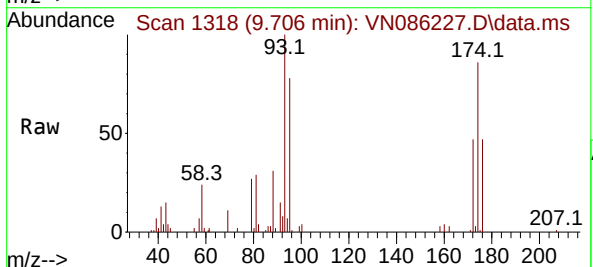
Tgt Ion: 93 Resp: 34979

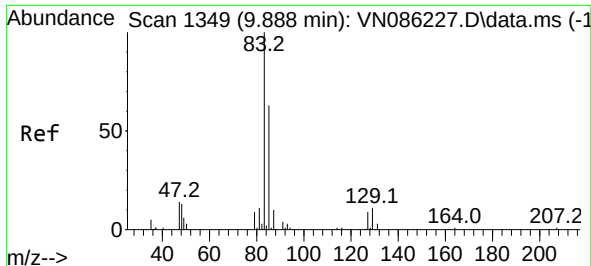
Ion Ratio Lower Upper

93 100

95 80.4 0.0 160.8

174 90.7 0.0 181.4

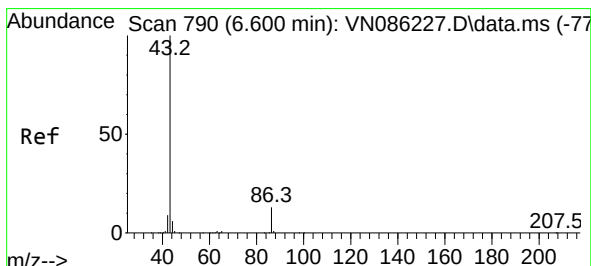
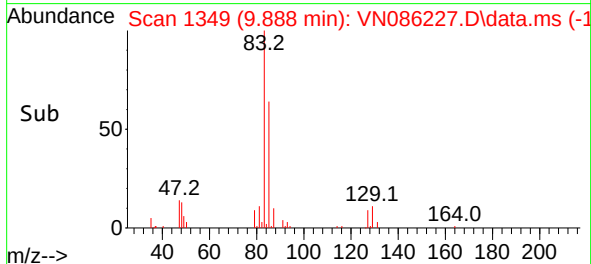
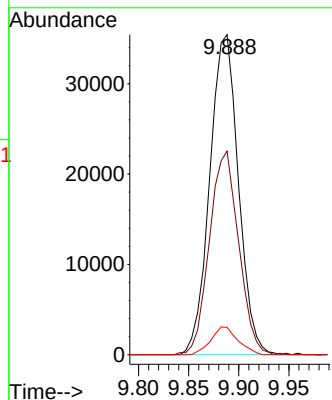
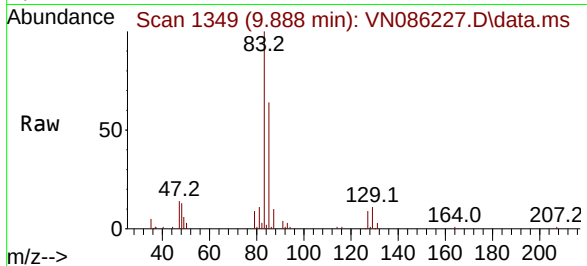




#41  
Bromodichloromethane  
Concen: 31.451 ug/l  
RT: 9.888 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

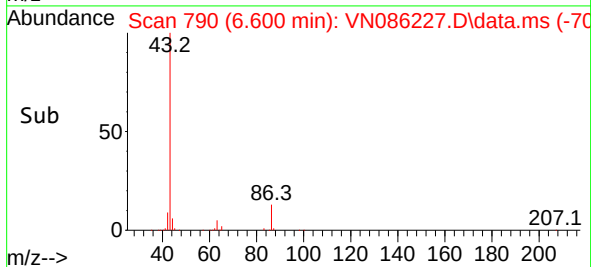
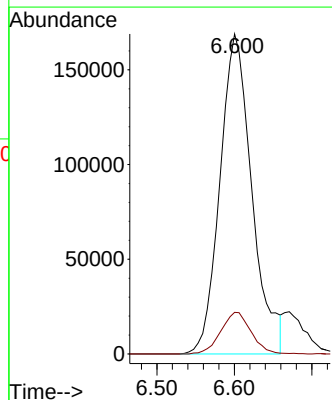
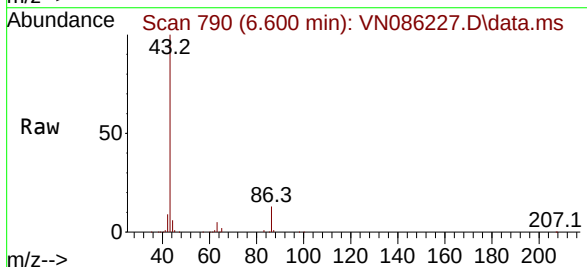
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

Tgt Ion: 83 Resp: 70586  
Ion Ratio Lower Upper  
83 100  
85 63.2 50.6 75.8  
127 8.5 6.8 10.2

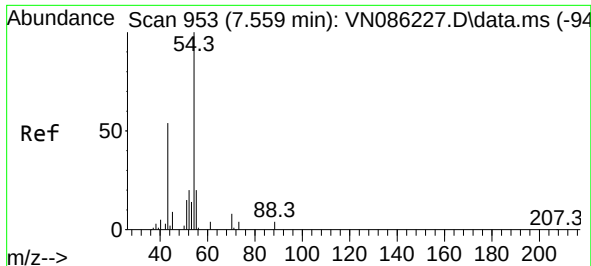


#42  
Vinyl Acetate  
Concen: 157.346 ug/l  
RT: 6.600 min Scan# 790  
Delta R.T. 0.000 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

Tgt Ion: 43 Resp: 485139  
Ion Ratio Lower Upper  
43 100  
86 12.4 9.9 14.9



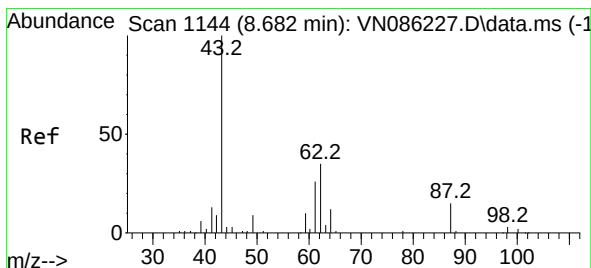
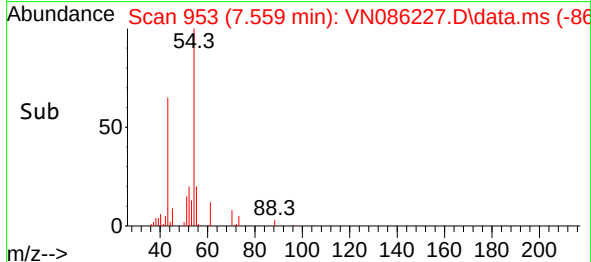
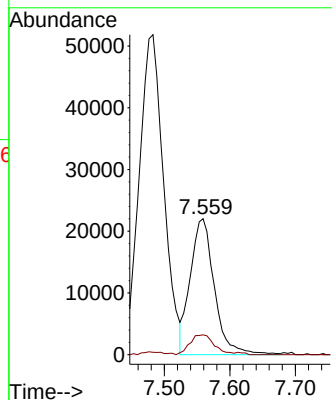
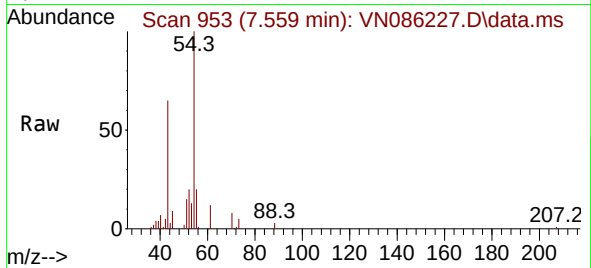




#43  
Ethyl Acetate  
Concen: 31.643 ug/l  
RT: 7.559 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

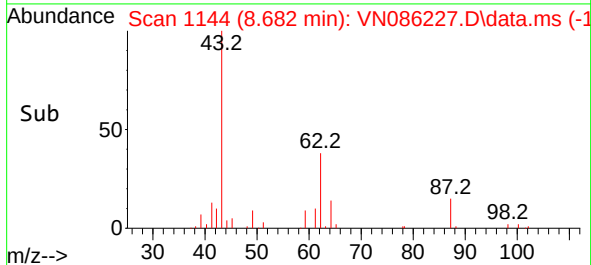
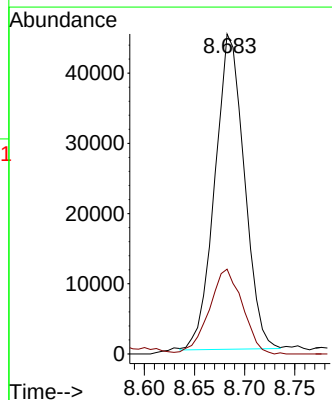
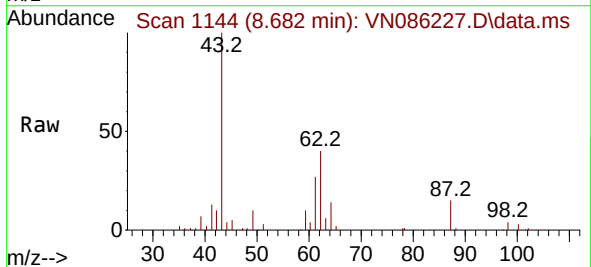
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

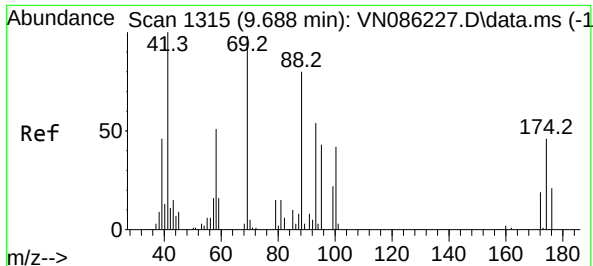
Tgt Ion: 43 Resp: 56291  
Ion Ratio Lower Upper  
43 100  
45 0.3 0.2 0.4



#44  
Isopropyl Acetate  
Concen: 28.569 ug/l  
RT: 8.682 min Scan# 1144  
Delta R.T. 0.000 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

Tgt Ion: 43 Resp: 91735  
Ion Ratio Lower Upper  
43 100  
61 30.4 24.3 36.5





#45

1,4-Dioxane

Concen: 661.610 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN086227.D

Acq: 04 Apr 2025 12:26

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC020

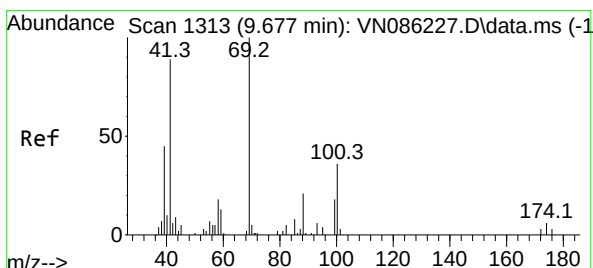
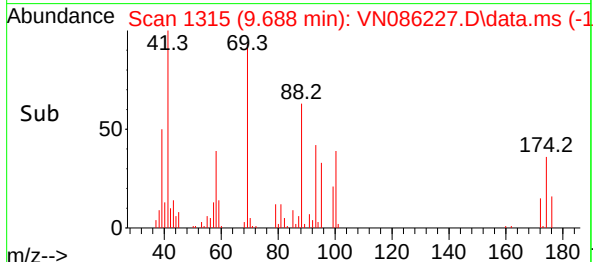
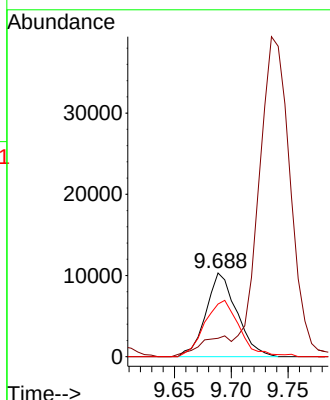
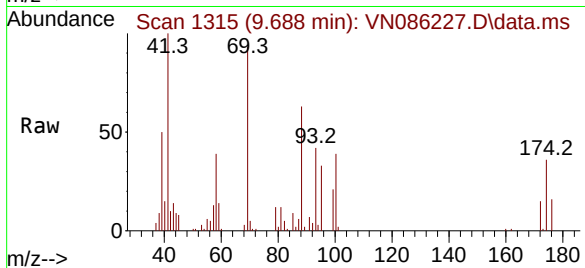
Tgt Ion: 88 Resp: 19475

Ion Ratio Lower Upper

88 100

43 24.8 19.8 29.8

58 75.8 60.6 91.0



#46

Methyl methacrylate

Concen: 32.131 ug/l

RT: 9.677 min Scan# 1313

Delta R.T. 0.000 min

Lab File: VN086227.D

Acq: 04 Apr 2025 12:26

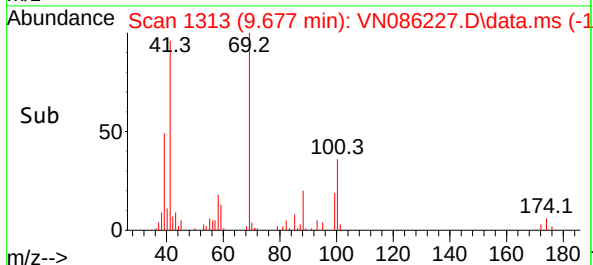
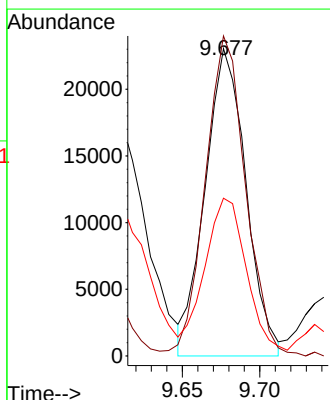
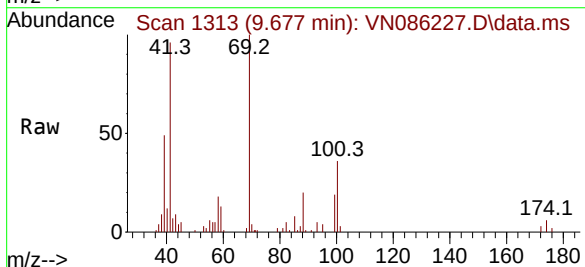
Tgt Ion: 41 Resp: 42259

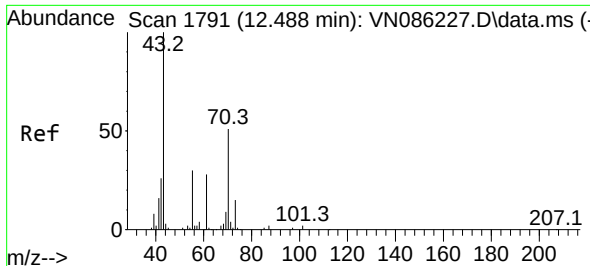
Ion Ratio Lower Upper

41 100

69 106.3 53.1 159.4

39 50.4 25.2 75.6

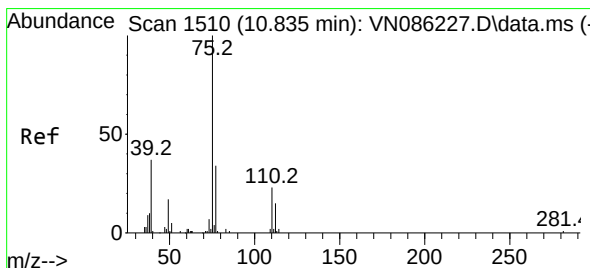
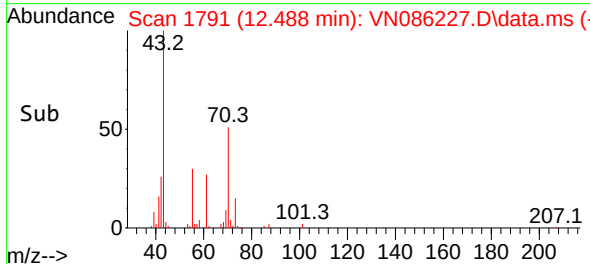
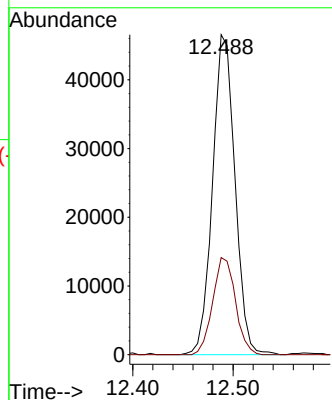
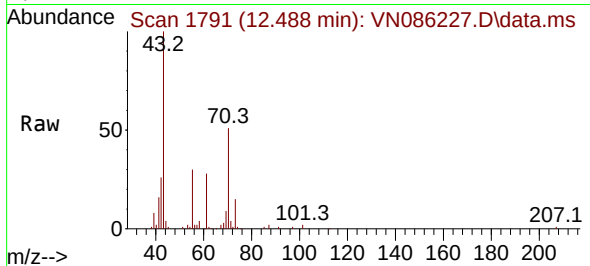




#47  
n-amy1 Acetate  
Concen: 33.006 ug/l  
RT: 12.488 min Scan# 1791  
Delta R.T. 0.000 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

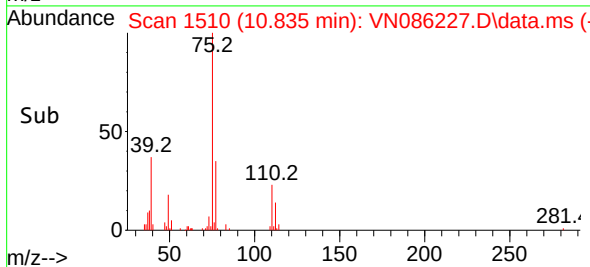
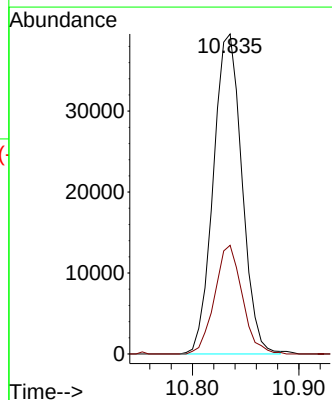
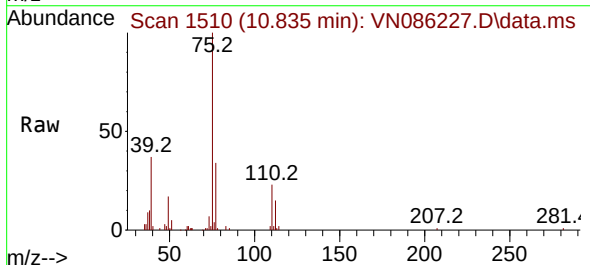
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

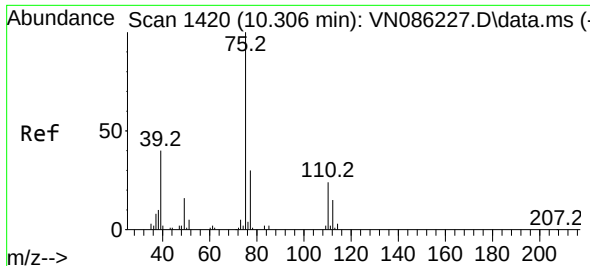
Tgt Ion: 43 Resp: 72413  
Ion Ratio Lower Upper  
43 100  
55 30.7 24.6 36.8



#48  
t-1,3-Dichloropropene  
Concen: 31.906 ug/l  
RT: 10.835 min Scan# 1510  
Delta R.T. 0.000 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

Tgt Ion: 75 Resp: 73789  
Ion Ratio Lower Upper  
75 100  
77 34.0 27.2 40.8





#49

cis-1,3-Dichloropropene

Concen: 31.545 ug/l

RT: 10.306 min Scan# 1420

Delta R.T. 0.000 min

Lab File: VN086227.D

Acq: 04 Apr 2025 12:26

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC020

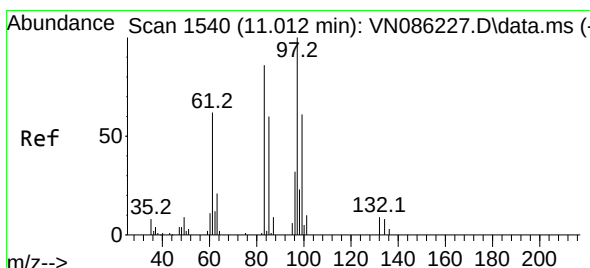
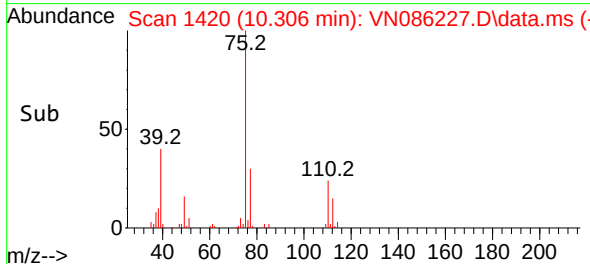
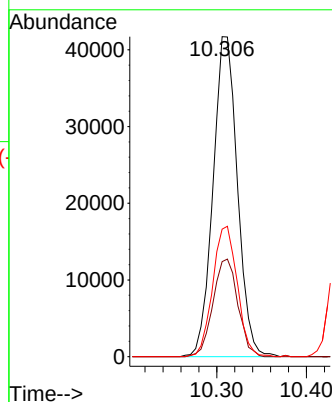
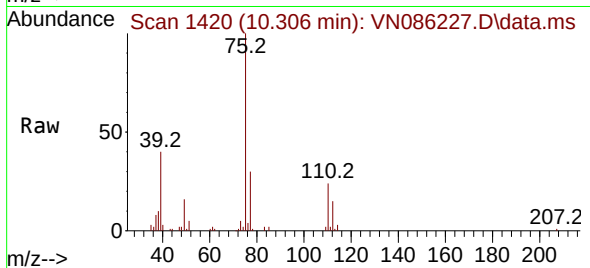
Tgt Ion: 75 Resp: 78823

Ion Ratio Lower Upper

75 100

77 29.7 23.8 35.6

39 39.9 31.9 47.9



#50

1,1,2-Trichloroethane

Concen: 31.582 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. 0.000 min

Lab File: VN086227.D

Acq: 04 Apr 2025 12:26

Tgt Ion: 97 Resp: 46137

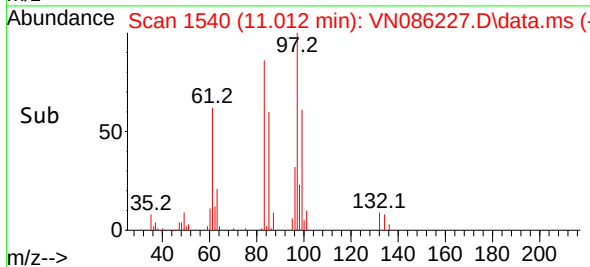
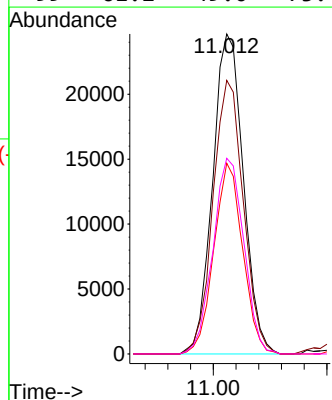
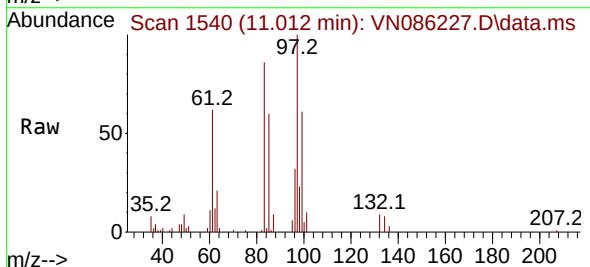
Ion Ratio Lower Upper

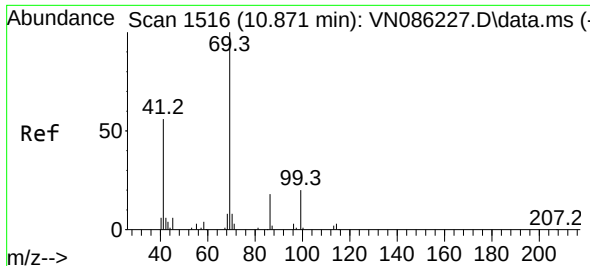
97 100

83 85.5 68.4 102.6

85 59.6 47.7 71.5

99 61.2 49.0 73.4

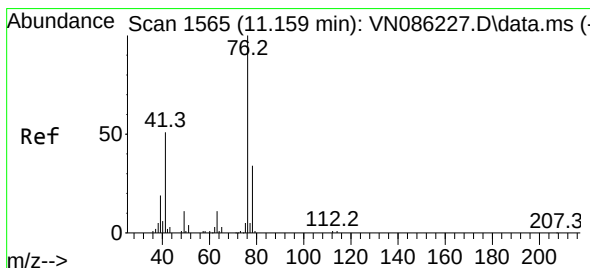
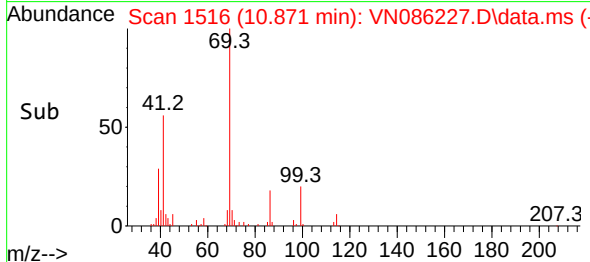
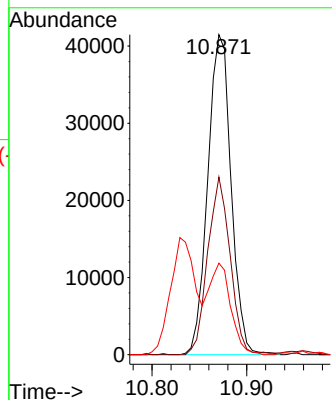
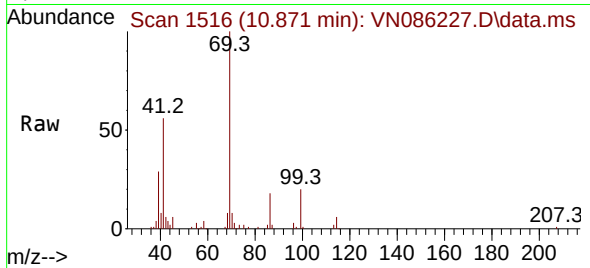




#51  
Ethyl methacrylate  
Concen: 34.193 ug/l  
RT: 10.871 min Scan# 1516  
Delta R.T. 0.000 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

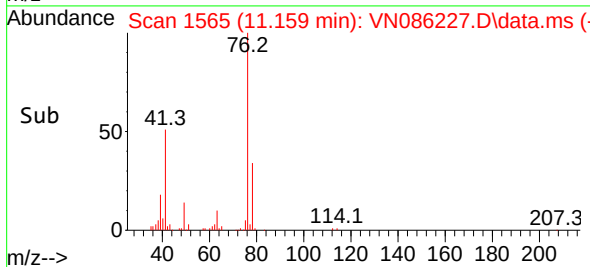
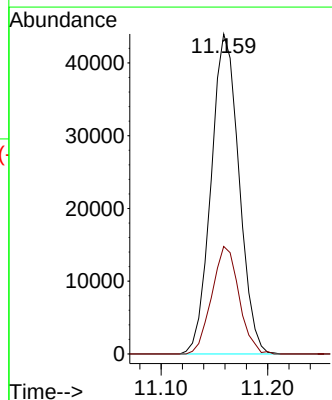
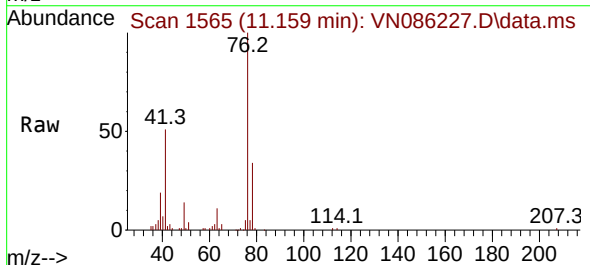
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

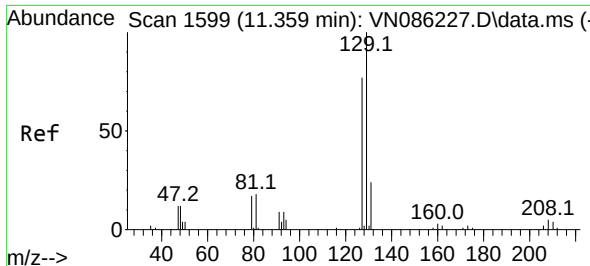
Tgt Ion: 69 Resp: 70913  
Ion Ratio Lower Upper  
69 100  
41 55.5 27.8 83.3  
39 28.2 14.1 42.3



#52  
1,3-Dichloropropane  
Concen: 31.424 ug/l  
RT: 11.159 min Scan# 1565  
Delta R.T. 0.000 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

Tgt Ion: 76 Resp: 79979  
Ion Ratio Lower Upper  
76 100  
78 32.7 0.0 65.4

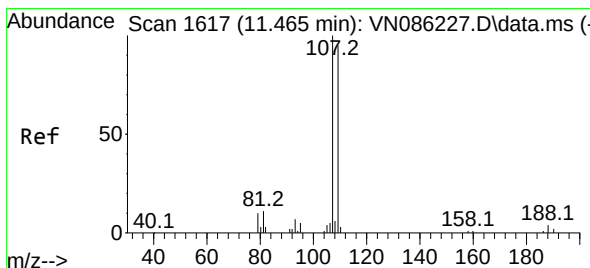
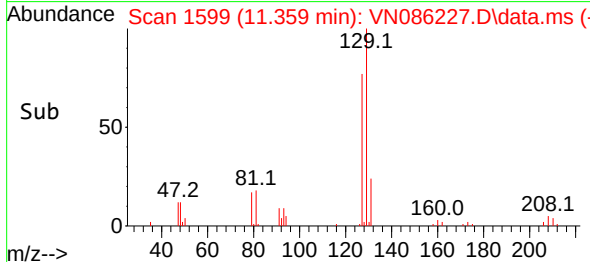
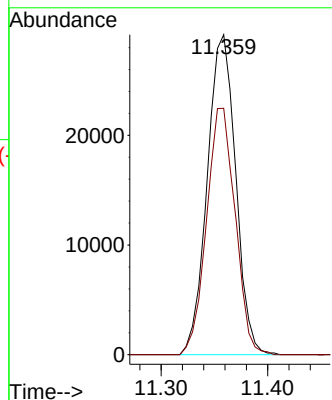
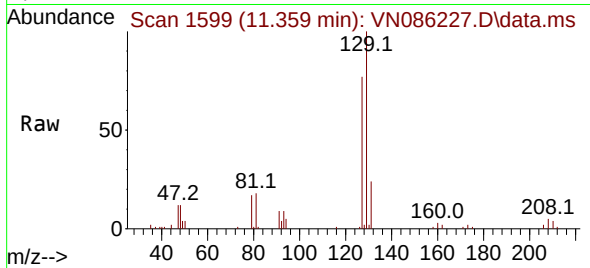




#53  
Dibromochloromethane  
Concen: 31.854 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. 0.000 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

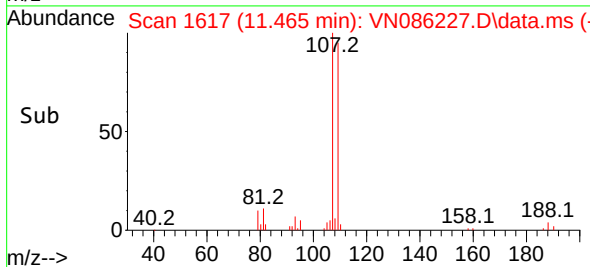
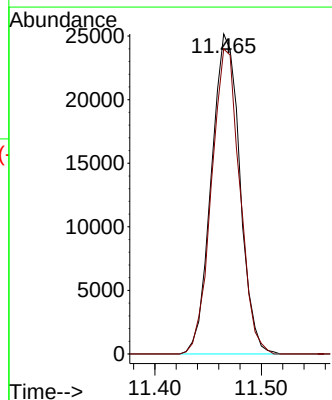
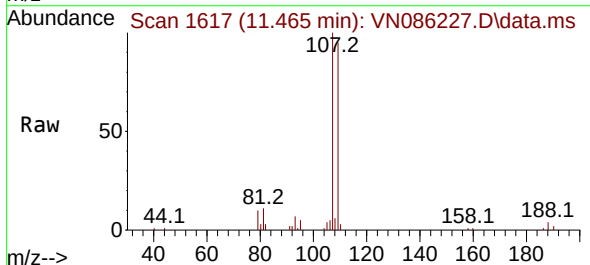
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

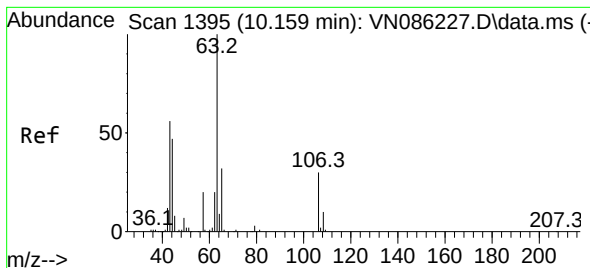
Tgt Ion:129 Resp: 54180  
Ion Ratio Lower Upper  
129 100  
127 77.6 38.8 116.4



#54  
1,2-Dibromoethane  
Concen: 31.132 ug/l  
RT: 11.465 min Scan# 1617  
Delta R.T. 0.000 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

Tgt Ion:107 Resp: 46663  
Ion Ratio Lower Upper  
107 100  
109 94.5 75.6 113.4

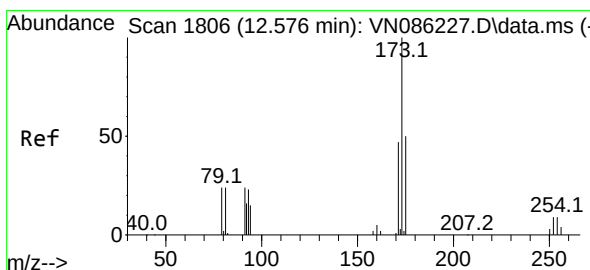
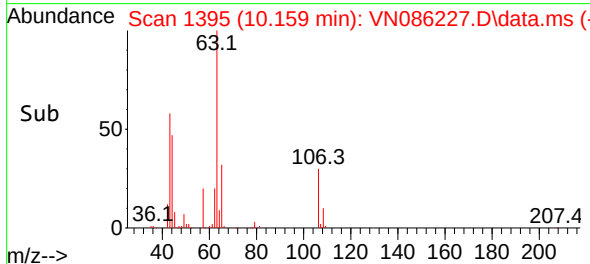
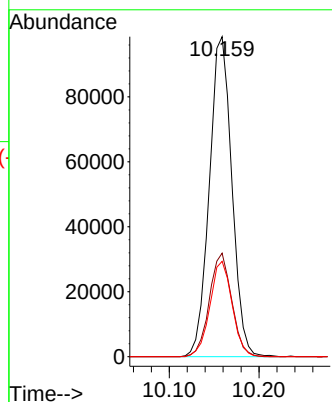
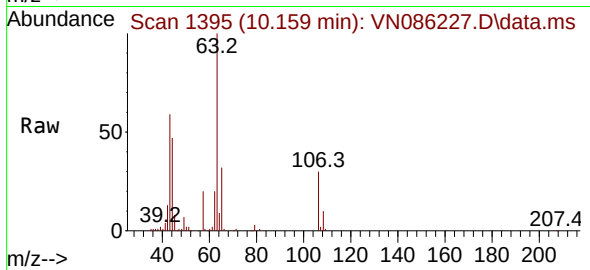




#55  
2-Chloroethyl vinyl ether  
Concen: 180.581 ug/l  
RT: 10.159 min Scan# 1395  
Delta R.T. 0.000 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

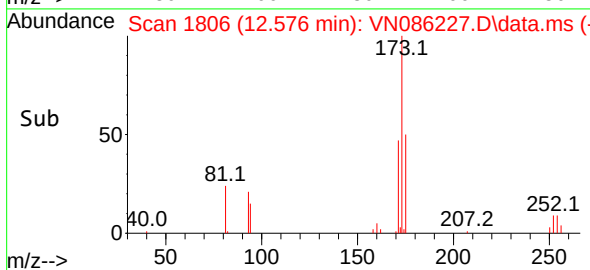
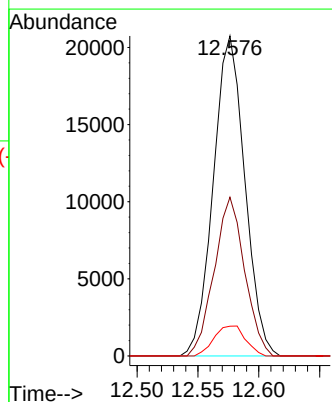
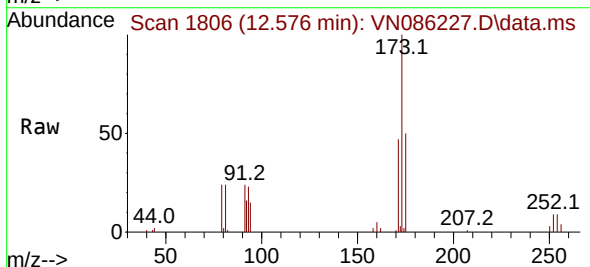
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

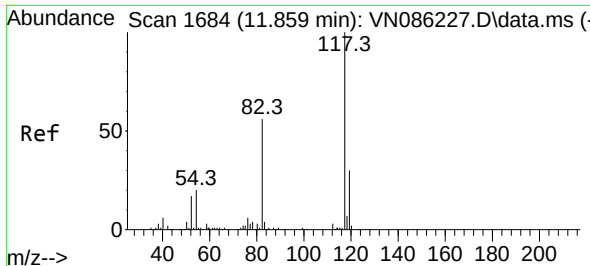
Tgt Ion: 63 Resp: 171727  
Ion Ratio Lower Upper  
63 100  
65 32.1 25.7 38.5  
106 29.4 23.5 35.3



#56  
Bromoform  
Concen: 32.468 ug/l  
RT: 12.576 min Scan# 1806  
Delta R.T. 0.000 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

Tgt Ion: 173 Resp: 37360  
Ion Ratio Lower Upper  
173 100  
175 47.8 38.2 57.4  
254 9.4 7.5 11.3

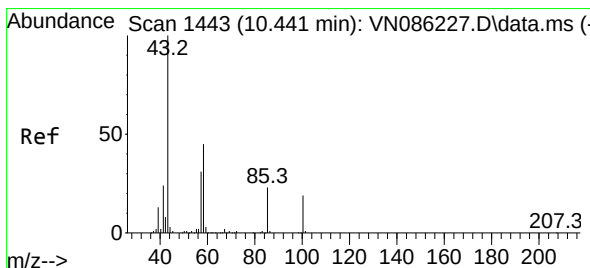
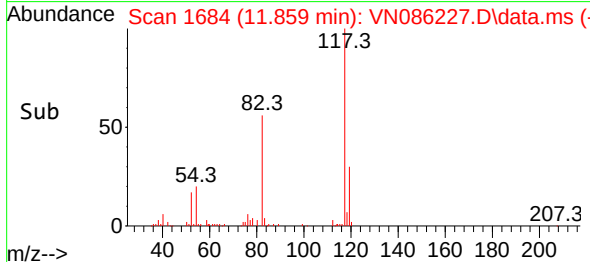
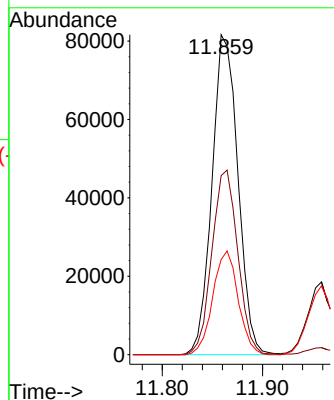
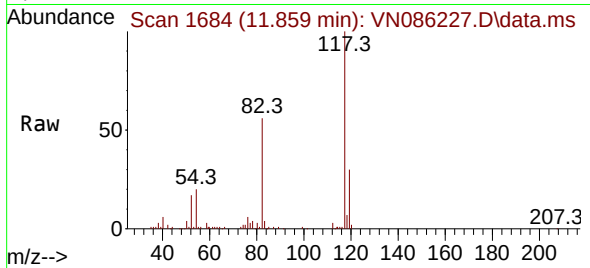




#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 11.859 min Scan# 1173  
Delta R.T. 0.000 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

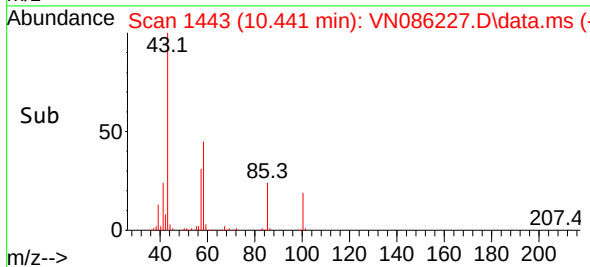
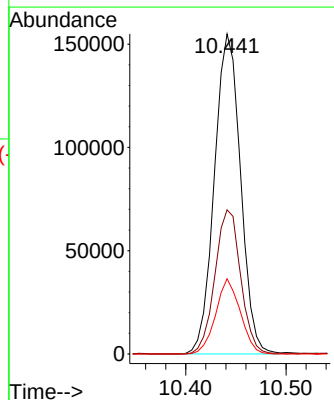
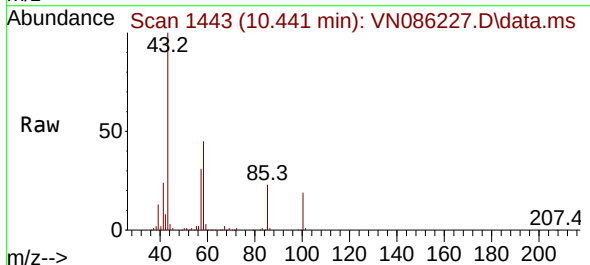
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

Tgt Ion:117 Resp: 146966  
Ion Ratio Lower Upper  
117 100  
82 57.5 46.0 69.0  
119 31.7 25.4 38.0

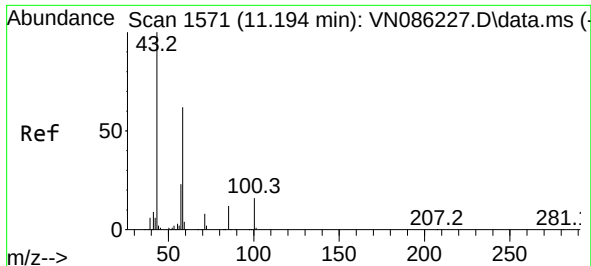


#58  
4-Methyl-2-Pentanone  
Concen: 161.786 ug/l  
RT: 10.441 min Scan# 1443  
Delta R.T. 0.000 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

Tgt Ion: 43 Resp: 280611  
Ion Ratio Lower Upper  
43 100  
58 44.3 35.4 53.2  
85 22.0 17.6 26.4



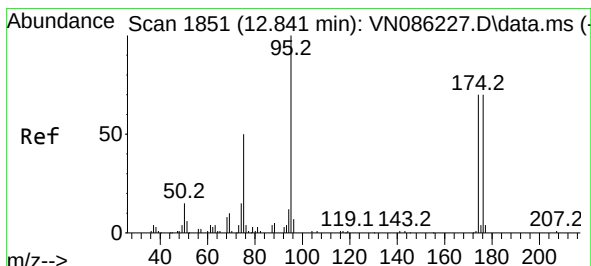
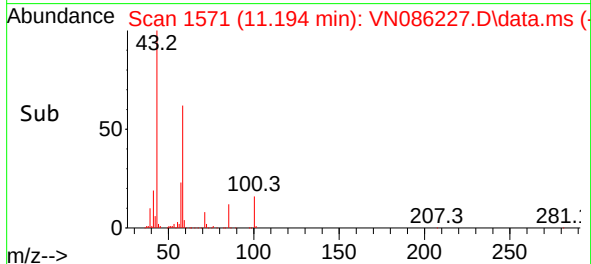
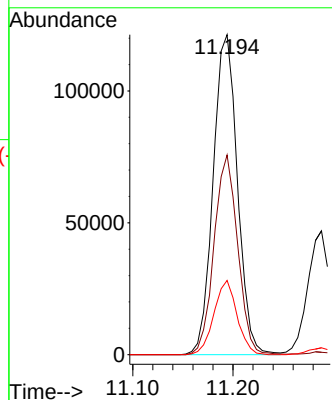
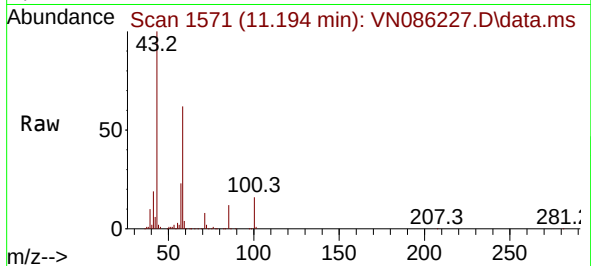




#59  
2-Hexanone  
Concen: 163.921 ug/l  
RT: 11.194 min Scan# 1571  
Delta R.T. 0.000 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

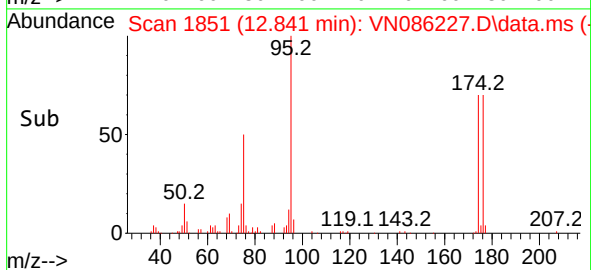
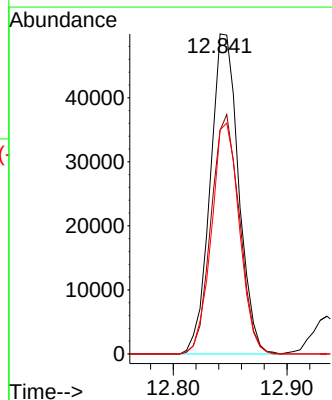
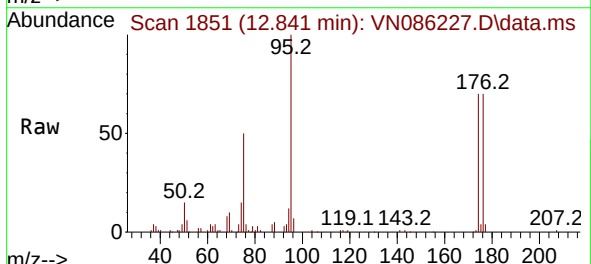
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

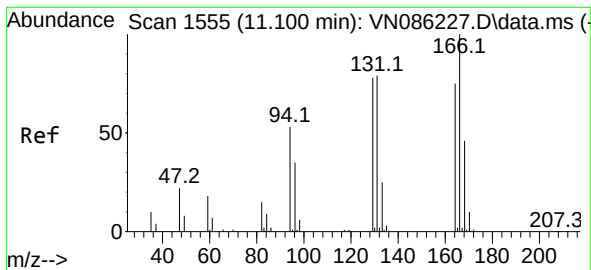
Tgt Ion: 43 Resp: 204078  
Ion Ratio Lower Upper  
43 100  
58 60.6 48.5 72.7  
57 22.1 17.7 26.5



#60  
4-Bromofluorobenzene  
Concen: 31.676 ug/l  
RT: 12.841 min Scan# 1851  
Delta R.T. 0.000 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

Tgt Ion: 95 Resp: 86738  
Ion Ratio Lower Upper  
95 100  
174 74.6 59.7 89.5  
176 71.0 56.8 85.2





#61

Tetrachloroethene

Concen: 31.304 ug/l

RT: 11.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN086227.D

Acq: 04 Apr 2025 12:26

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC020

Tgt Ion:164 Resp: 53694

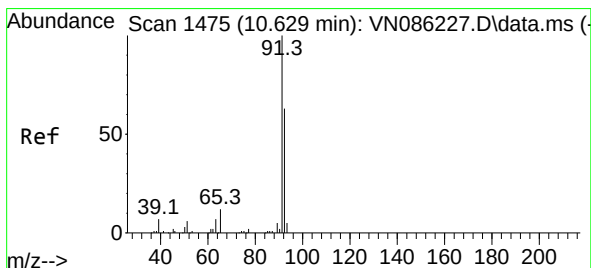
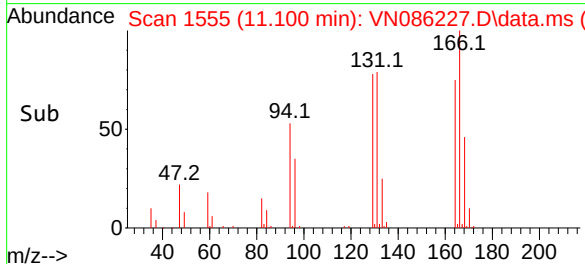
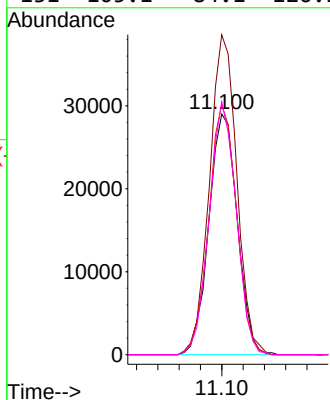
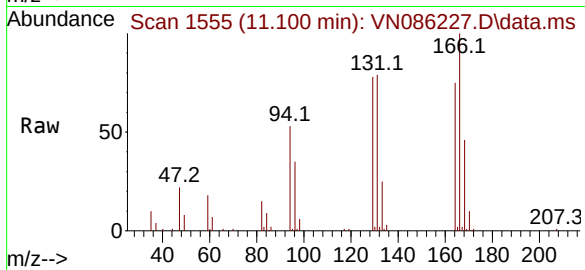
Ion Ratio Lower Upper

164 100

166 132.9 106.3 159.5

129 104.1 83.3 124.9

131 105.1 84.1 126.1



#62

Toluene

Concen: 31.737 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN086227.D

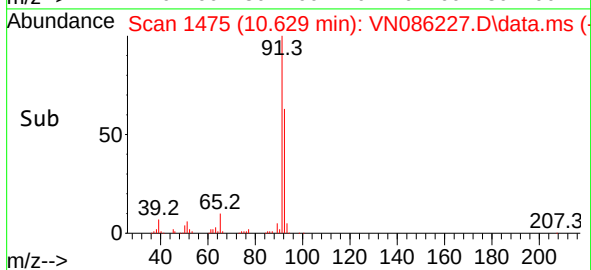
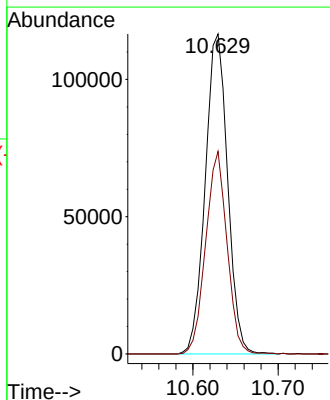
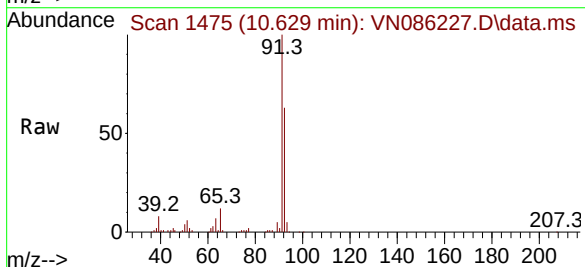
Acq: 04 Apr 2025 12:26

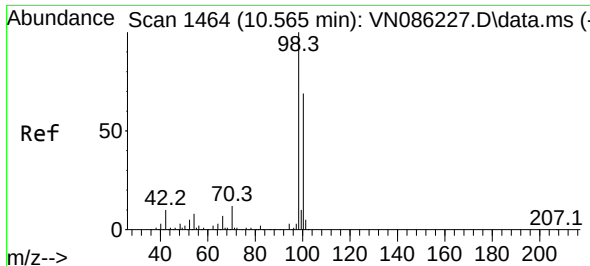
Tgt Ion: 91 Resp: 212924

Ion Ratio Lower Upper

91 100

92 60.3 48.2 72.4

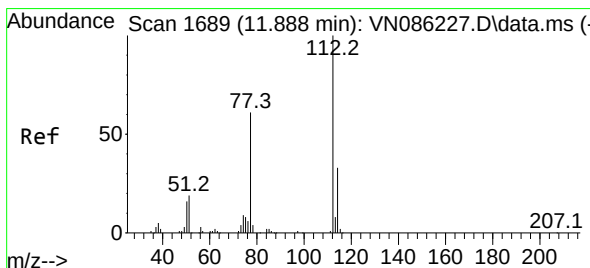
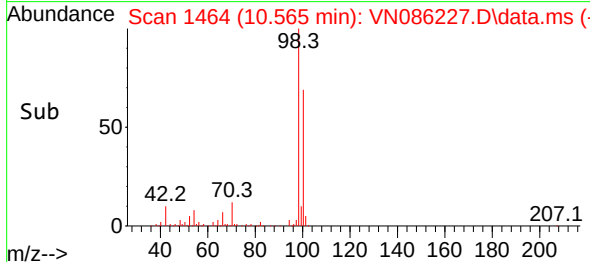
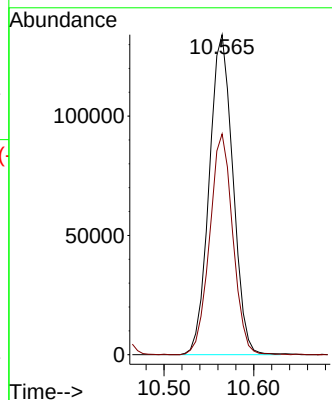
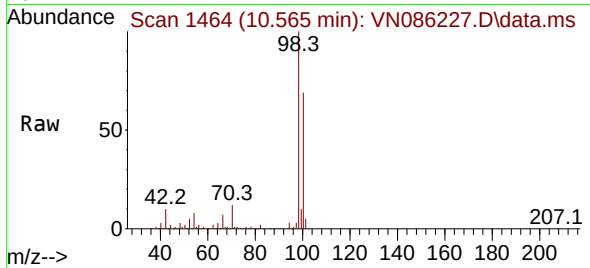




#63  
Toluene-d8  
Concen: 30.020 ug/l  
RT: 10.565 min Scan# 1464  
Delta R.T. 0.000 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

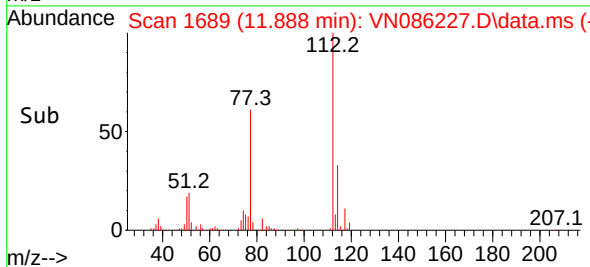
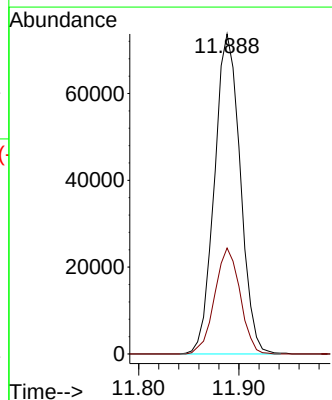
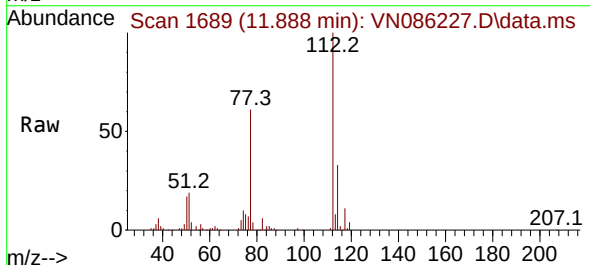
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

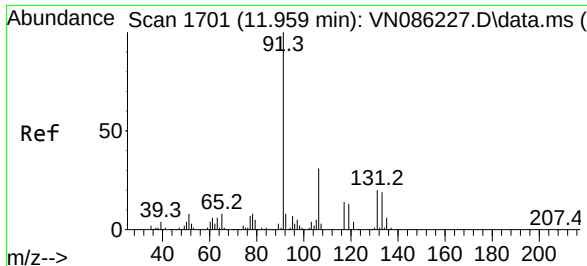
Tgt Ion: 98 Resp: 246122  
Ion Ratio Lower Upper  
98 100  
100 67.4 53.9 80.9



#64  
Chlorobenzene  
Concen: 31.459 ug/l  
RT: 11.888 min Scan# 1689  
Delta R.T. 0.000 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

Tgt Ion: 112 Resp: 131687  
Ion Ratio Lower Upper  
112 100  
114 33.1 26.5 39.7

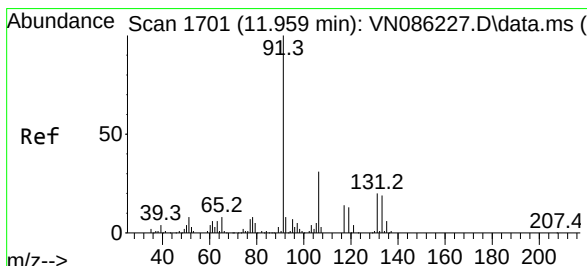
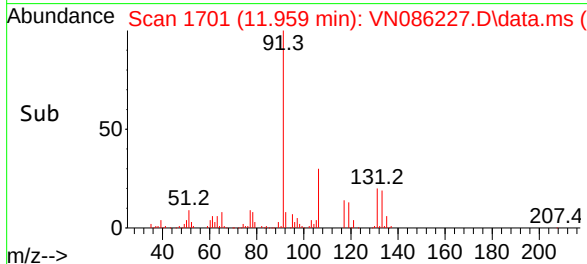
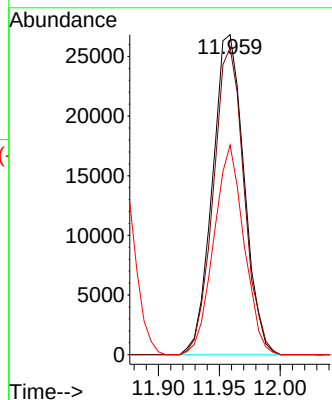
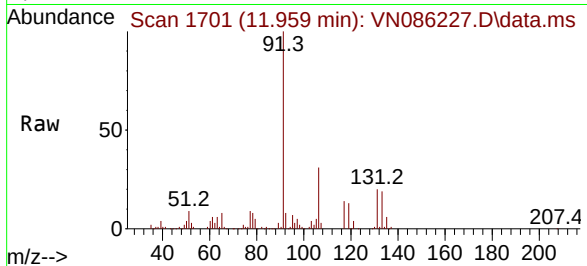




#65  
1,1,1,2-Tetrachloroethane  
Concen: 31.403 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

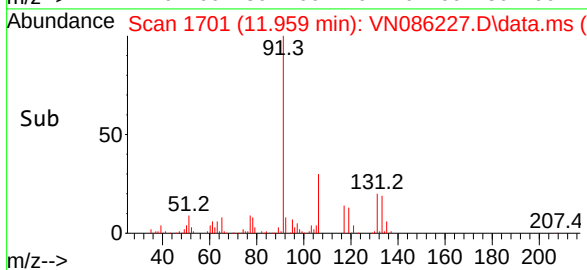
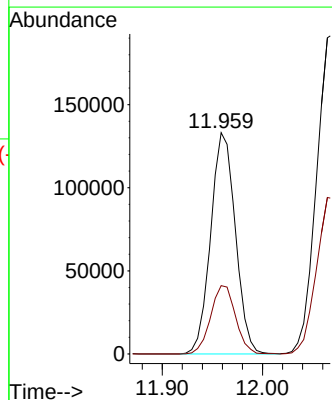
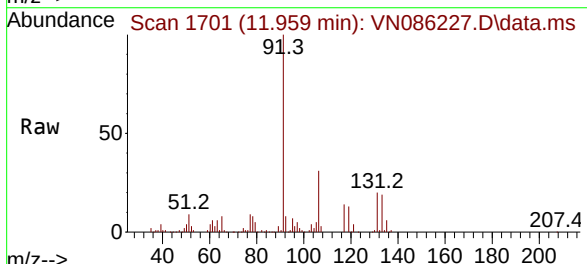
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

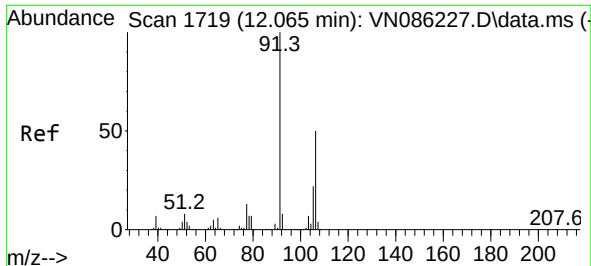
Tgt Ion:131 Resp: 48373  
Ion Ratio Lower Upper  
131 100  
133 93.5 0.0 187.0  
119 62.6 0.0 125.2



#66  
Ethyl Benzene  
Concen: 32.749 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

Tgt Ion: 91 Resp: 227993  
Ion Ratio Lower Upper  
91 100  
106 30.9 24.7 37.1

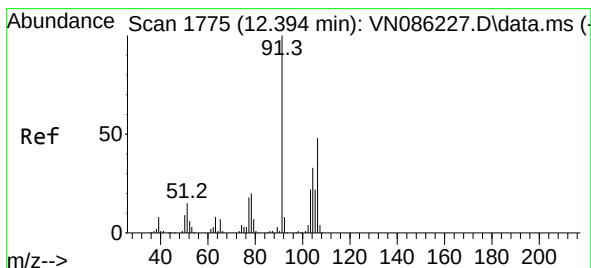
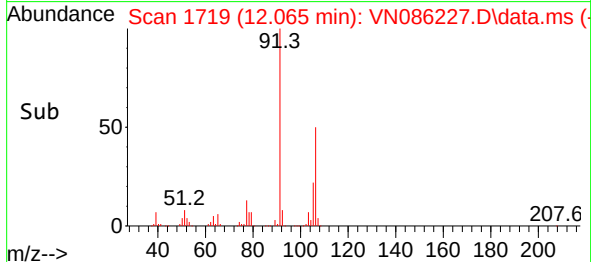
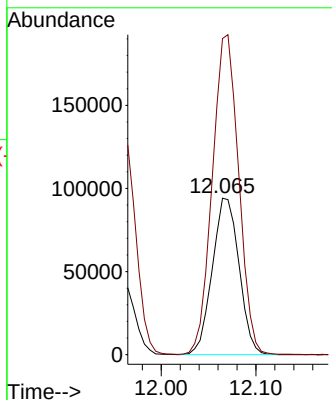
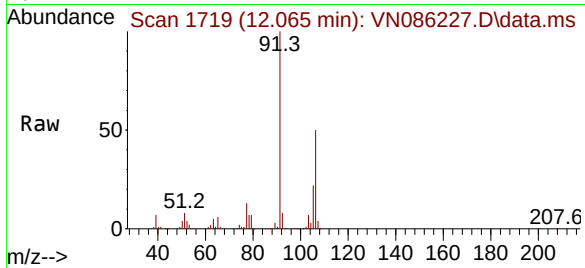




#67  
m/p-Xylenes  
Concen: 67.267 ug/l  
RT: 12.065 min Scan# 1719  
Delta R.T. 0.000 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

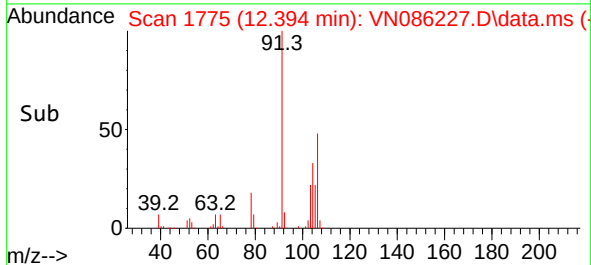
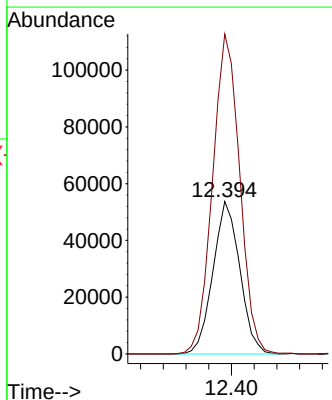
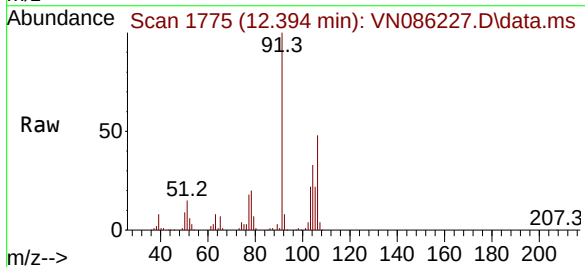
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

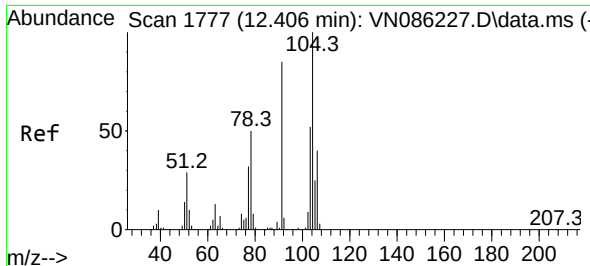
Tgt Ion:106 Resp: 184871  
Ion Ratio Lower Upper  
106 100  
91 201.7 161.4 242.0



#68  
o-Xylene  
Concen: 33.271 ug/l  
RT: 12.394 min Scan# 1775  
Delta R.T. 0.000 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

Tgt Ion:106 Resp: 88264  
Ion Ratio Lower Upper  
106 100  
91 212.1 106.1 318.1

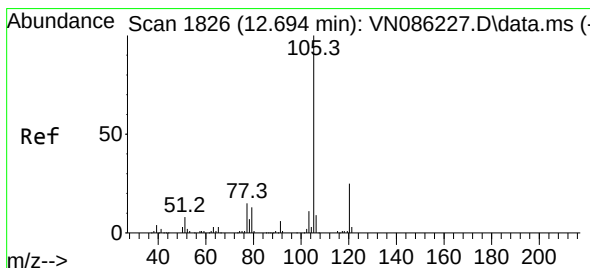
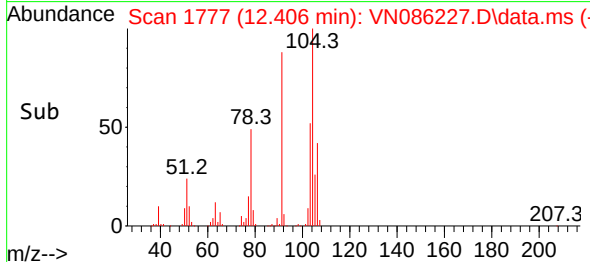
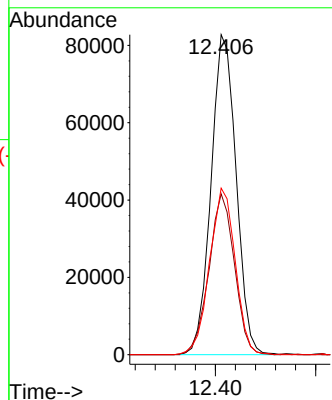
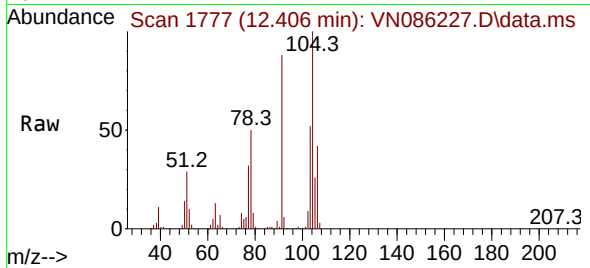




#69  
Styrene  
Concen: 34.021 ug/l  
RT: 12.406 min Scan# 1777  
Delta R.T. 0.000 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

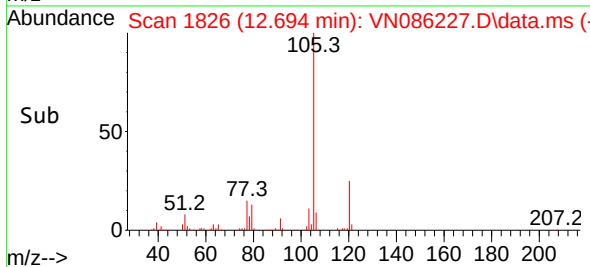
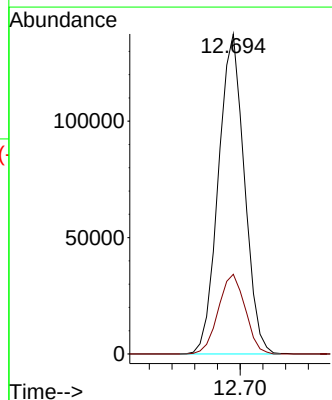
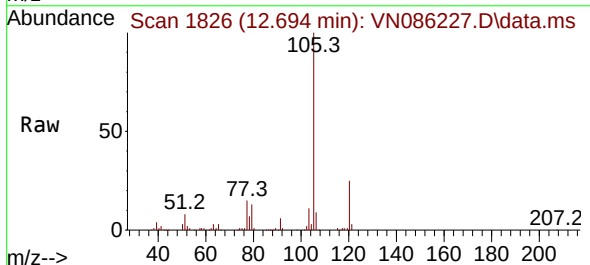
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

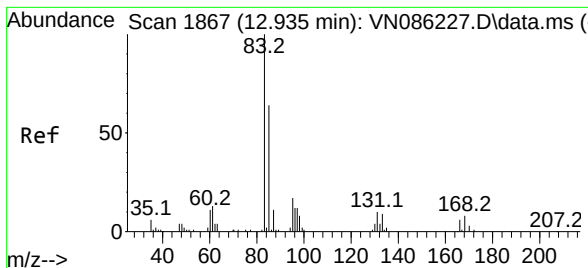
Tgt Ion:104 Resp: 143922  
Ion Ratio Lower Upper  
104 100  
78 51.1 40.9 61.3  
103 53.2 42.6 63.8



#70  
Isopropylbenzene  
Concen: 32.953 ug/l  
RT: 12.694 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

Tgt Ion:105 Resp: 218173  
Ion Ratio Lower Upper  
105 100  
120 25.7 18.0 33.4

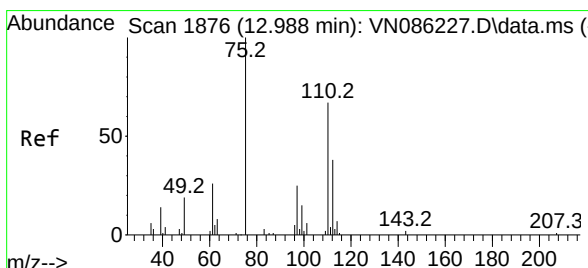
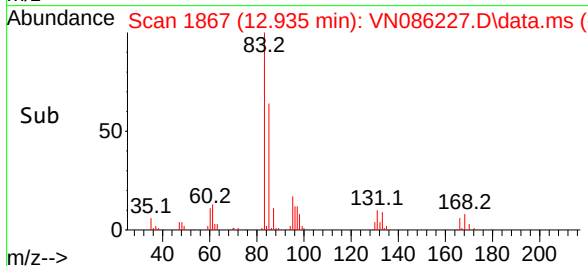
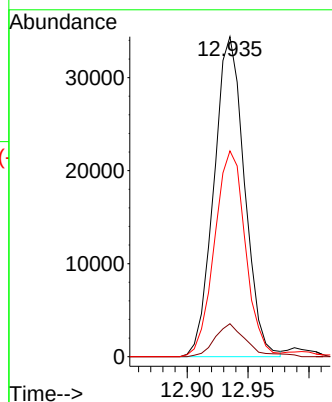
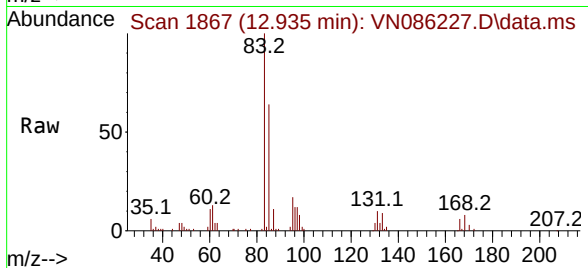




#71  
1,1,2,2-Tetrachloroethane  
Concen: 31.289 ug/l  
RT: 12.935 min Scan# 1867  
Delta R.T. 0.000 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

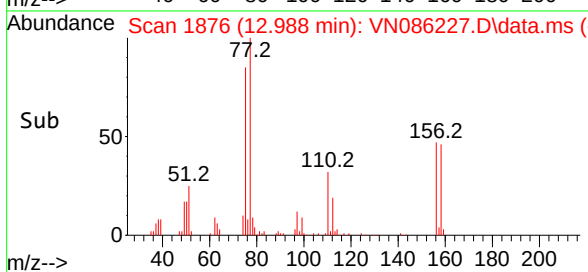
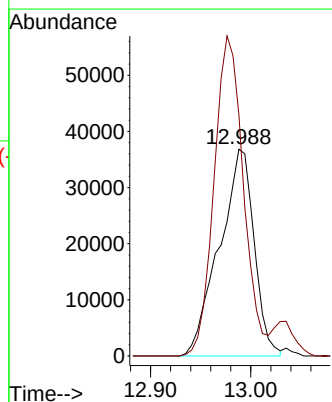
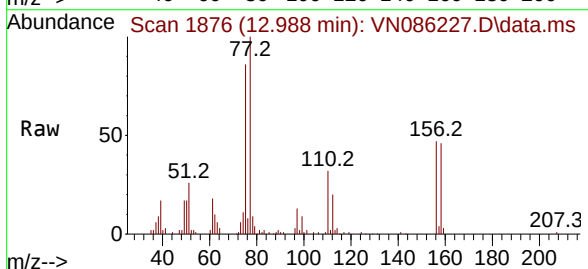
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MSVOA\_N  
ClientSampleId :  
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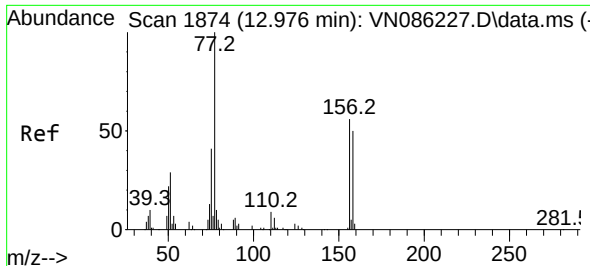
Tgt Ion: 83 Resp: 60087  
Ion Ratio Lower Upper  
83 100  
131 10.6 5.3 15.9  
85 65.2 32.6 97.8



#72  
1,2,3-Trichloropropane  
Concen: 47.763 ug/l  
RT: 12.988 min Scan# 1876  
Delta R.T. 0.000 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

Tgt Ion: 75 Resp: 88559  
Ion Ratio Lower Upper  
75 100  
77 131.0 0.0 412.2

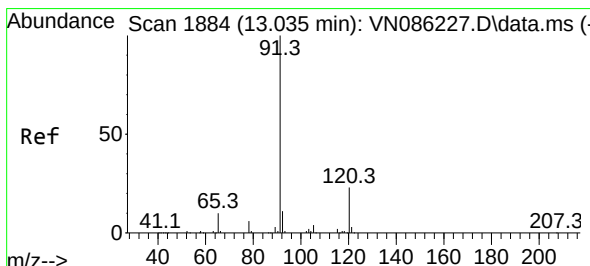
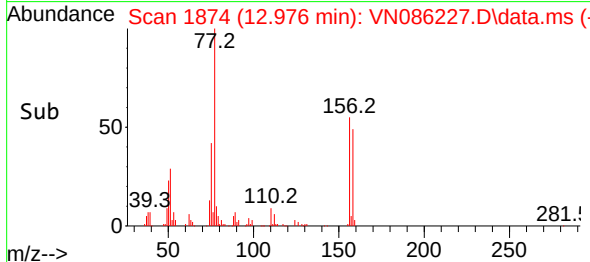
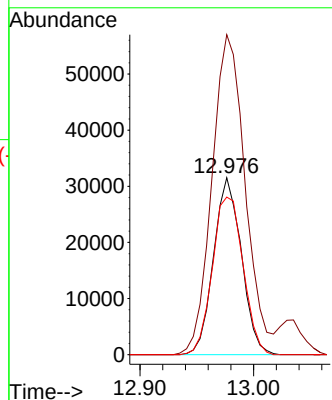
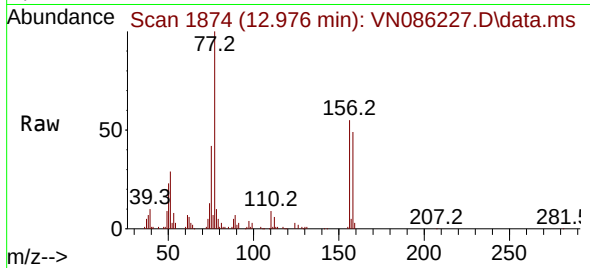




#73  
Bromobenzene  
Concen: 31.487 ug/l  
RT: 12.976 min Scan# 1874  
Delta R.T. 0.000 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

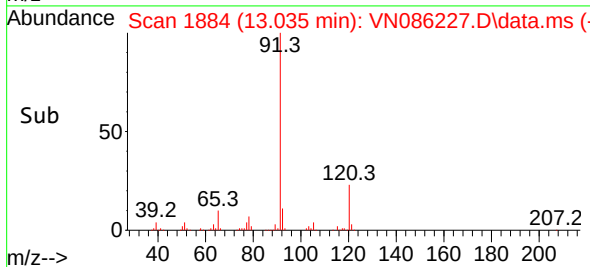
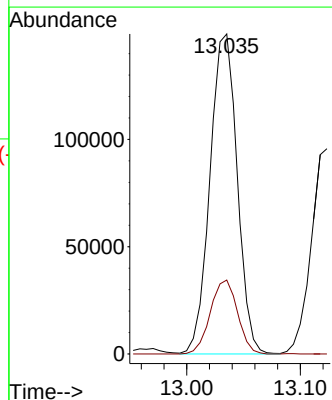
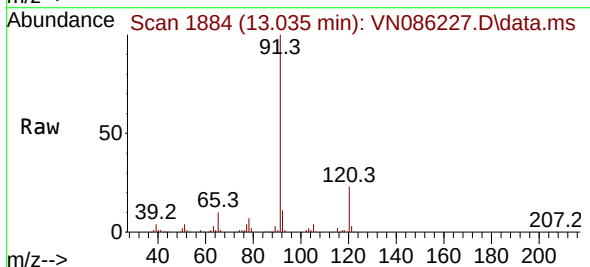
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

Tgt Ion:156 Resp: 53717  
Ion Ratio Lower Upper  
156 100  
77 215.9 0.0 431.8  
158 98.5 0.0 197.0

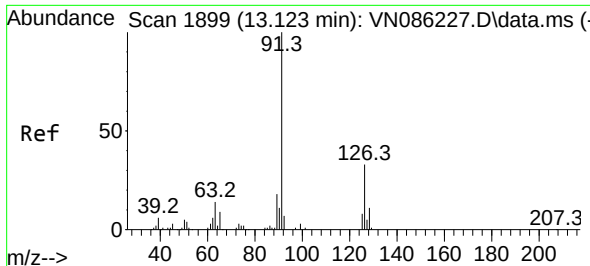


#74  
n-propylbenzene  
Concen: 32.808 ug/l  
RT: 13.035 min Scan# 1884  
Delta R.T. 0.000 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

Tgt Ion: 91 Resp: 248664  
Ion Ratio Lower Upper  
91 100  
120 23.0 0.0 46.0



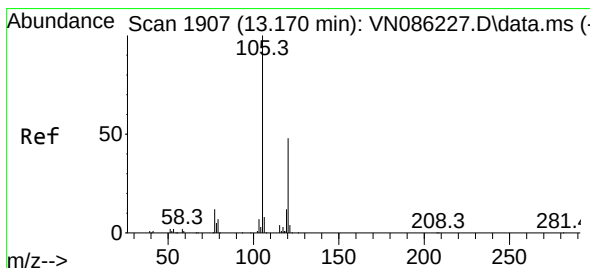
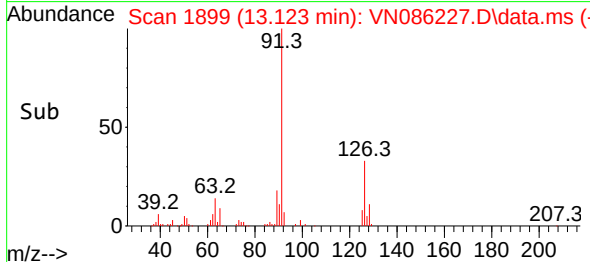
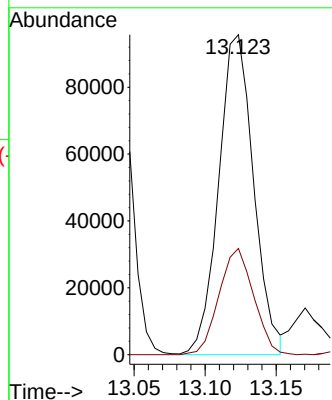
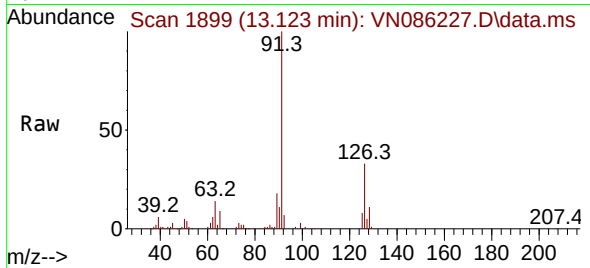




#75  
2-Chlorotoluene  
Concen: 32.435 ug/l  
RT: 13.123 min Scan# 1899  
Delta R.T. 0.000 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

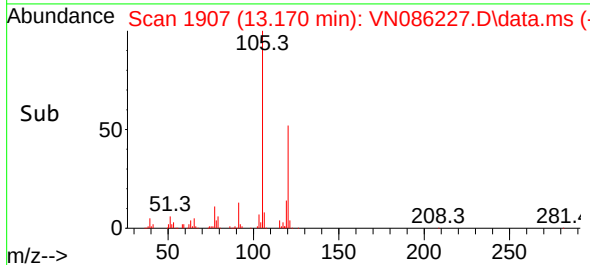
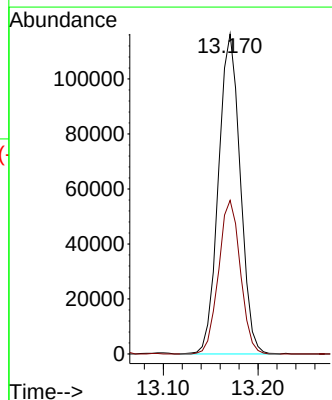
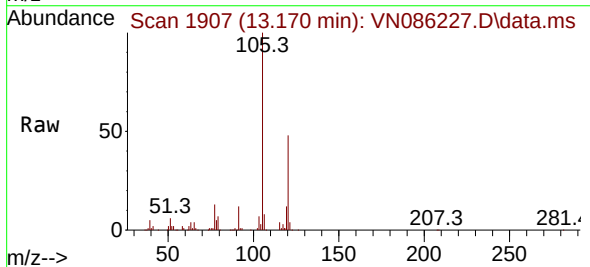
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MSVOA\_N  
ClientSampleId :  
VSTDICCC020

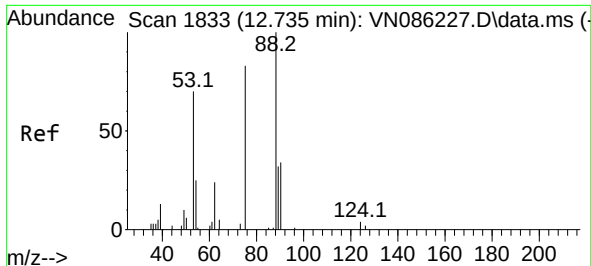
Tgt Ion: 91 Resp: 163715  
Ion Ratio Lower Upper  
91 100  
126 32.8 0.0 65.6



#76  
1,3,5-Trimethylbenzene  
Concen: 33.304 ug/l  
RT: 13.170 min Scan# 1907  
Delta R.T. 0.000 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

Tgt Ion: 105 Resp: 185904  
Ion Ratio Lower Upper  
105 100  
120 47.9 0.0 95.8

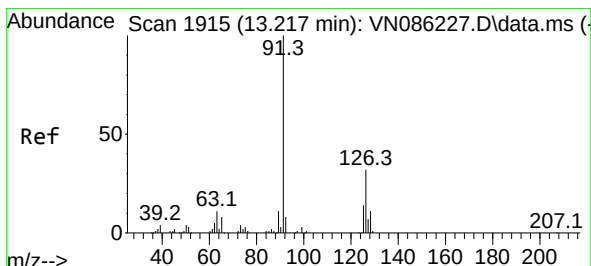
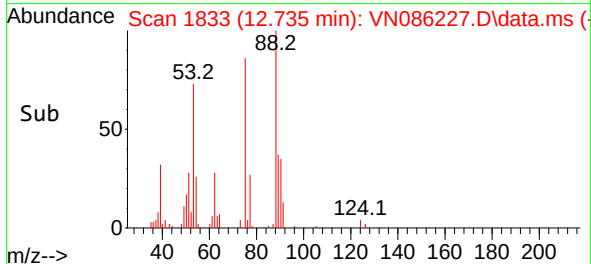
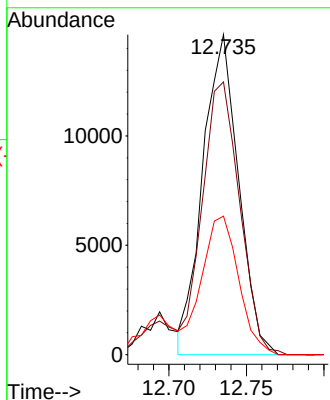
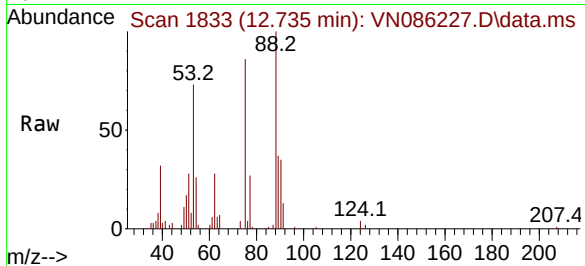




#77  
t-1,4-Dichloro-2-butene  
Concen: 31.674 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. 0.000 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

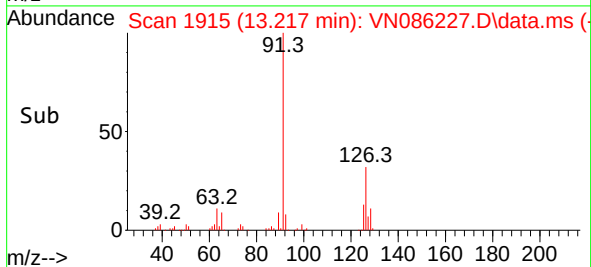
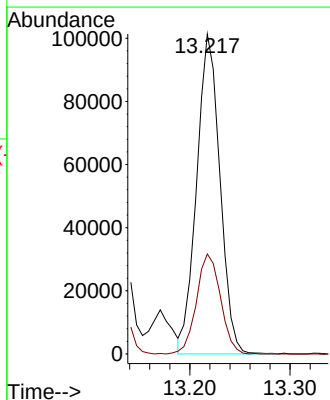
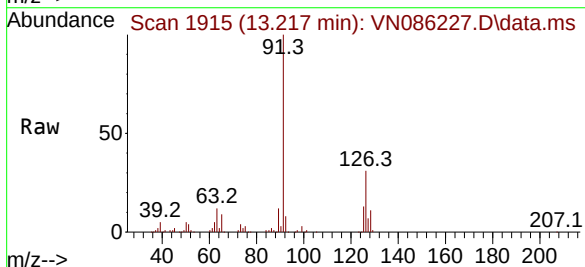
Instrument :  
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ClientSampleId :  
VSTDICCC020

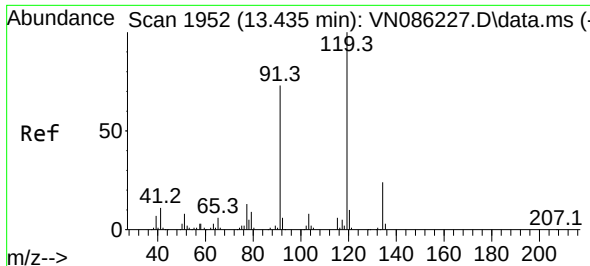
Tgt Ion: 75 Resp: 23424  
Ion Ratio Lower Upper  
75 100  
53 84.0 42.0 126.0  
89 43.3 21.6 65.0



#78  
4-Chlorotoluene  
Concen: 32.681 ug/l  
RT: 13.217 min Scan# 1915  
Delta R.T. 0.000 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

Tgt Ion: 91 Resp: 163587  
Ion Ratio Lower Upper  
91 100  
126 32.2 0.0 64.4

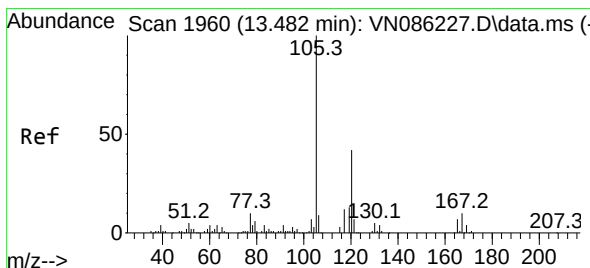
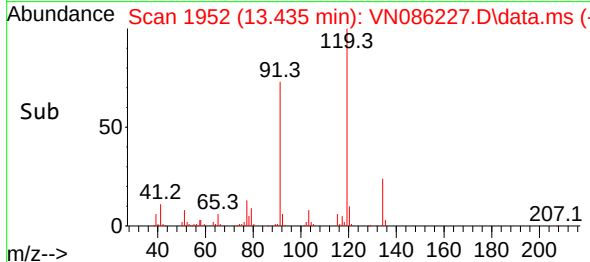
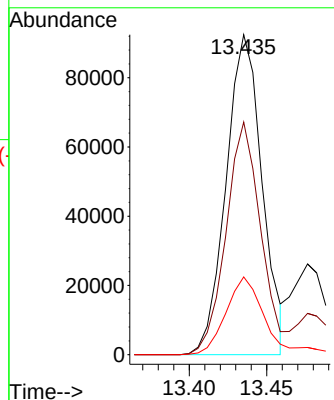
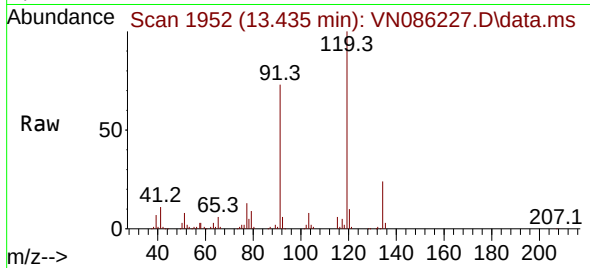




#79  
tert-butylbenzene  
Concen: 32.502 ug/l  
RT: 13.435 min Scan# 1952  
Delta R.T. 0.000 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

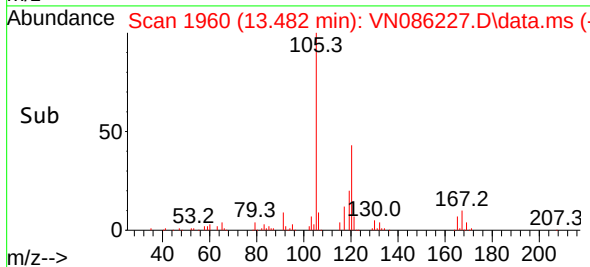
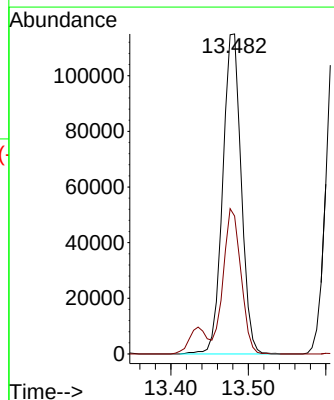
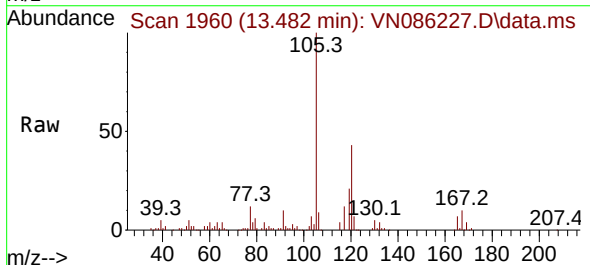
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MSVOA\_N  
ClientSampleId :  
VSTDICCC020

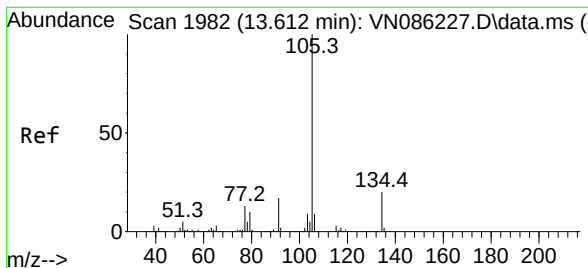
Tgt Ion:119 Resp: 149500  
Ion Ratio Lower Upper  
119 100  
91 69.3 0.0 138.6  
134 24.6 0.0 49.2



#80  
1,2,4-Trimethylbenzene  
Concen: 34.032 ug/l  
RT: 13.482 min Scan# 1960  
Delta R.T. 0.000 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

Tgt Ion:105 Resp: 190608  
Ion Ratio Lower Upper  
105 100  
120 43.3 0.0 86.6

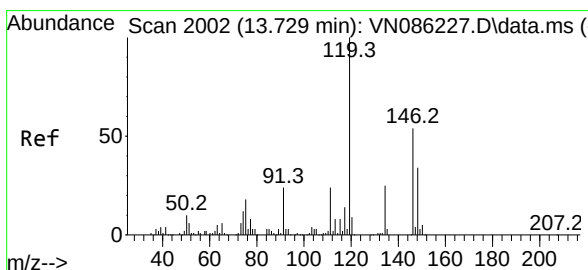
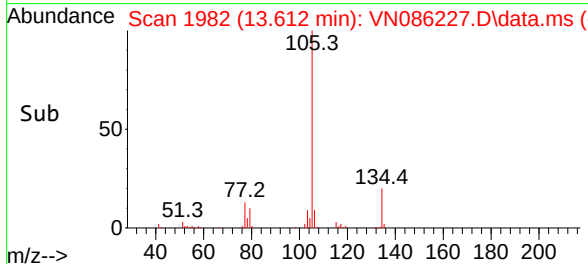
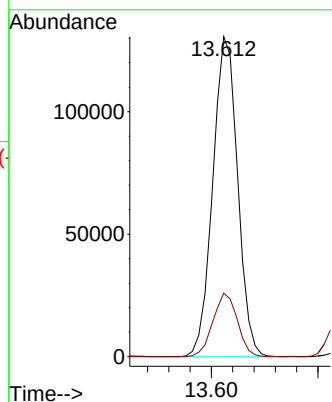
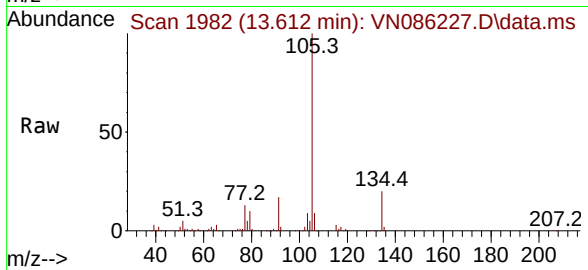




#81  
 sec-Butylbenzene  
 Concen: 33.501 ug/l  
 RT: 13.612 min Scan# 1982  
 Delta R.T. 0.000 min  
 Lab File: VN086227.D  
 Acq: 04 Apr 2025 12:26

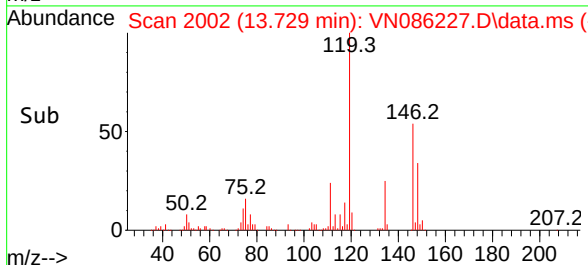
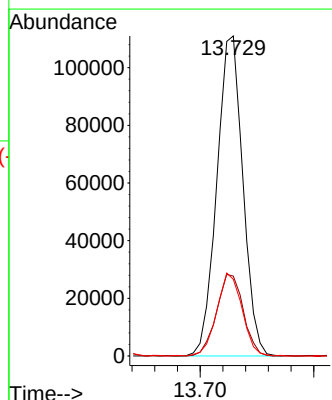
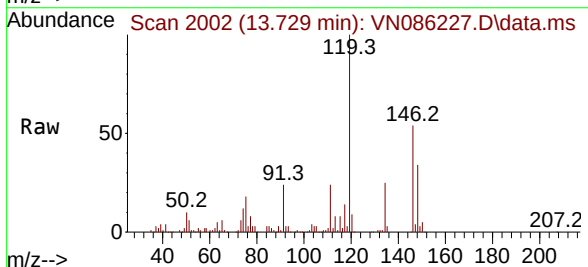
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC020

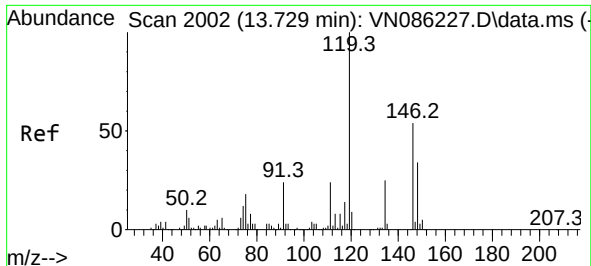
Tgt Ion:105 Resp: 211055  
 Ion Ratio Lower Upper  
 105 100  
 134 19.5 0.0 39.0



#82  
 p-Isopropyltoluene  
 Concen: 34.312 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. 0.000 min  
 Lab File: VN086227.D  
 Acq: 04 Apr 2025 12:26

Tgt Ion:119 Resp: 176855  
 Ion Ratio Lower Upper  
 119 100  
 134 26.1 0.0 52.2  
 91 25.2 0.0 50.4

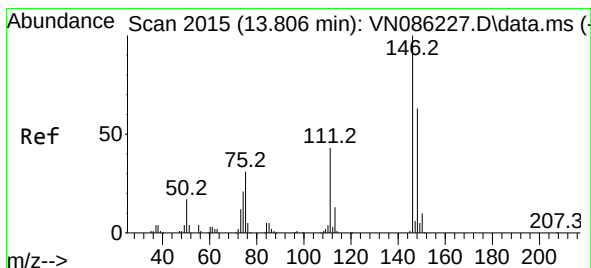
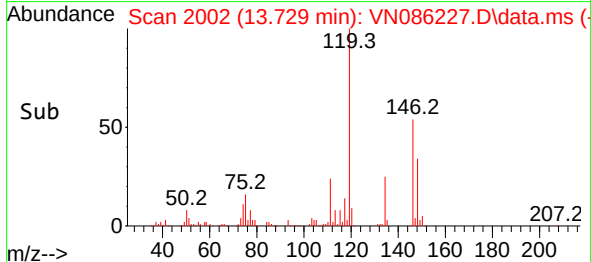
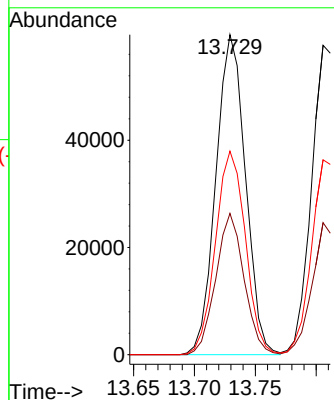
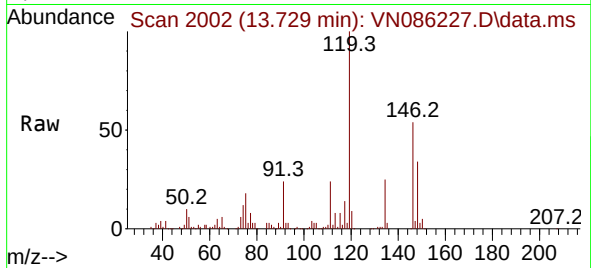




#83  
 1,3-Dichlorobenzene  
 Concen: 32.567 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. 0.000 min  
 Lab File: VN086227.D  
 Acq: 04 Apr 2025 12:26

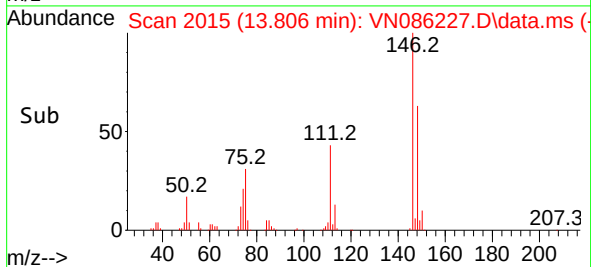
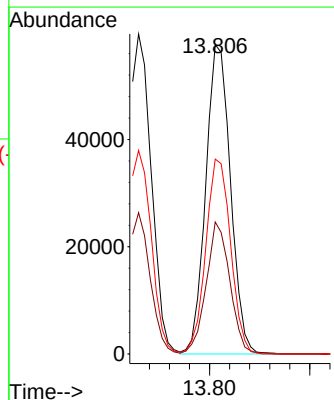
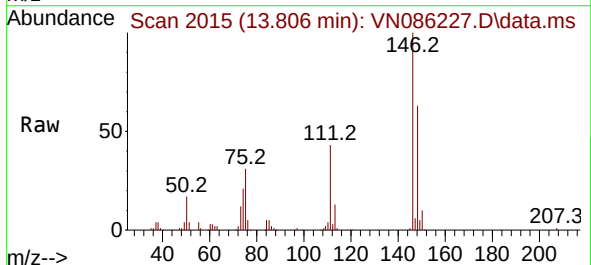
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC020

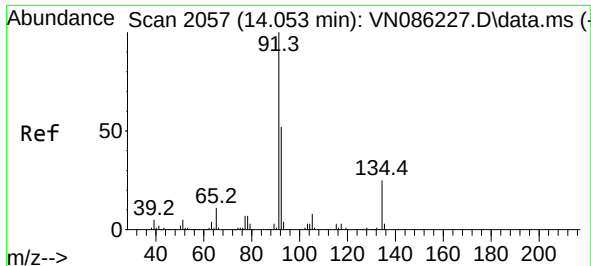
Tgt Ion:146 Resp: 100916  
 Ion Ratio Lower Upper  
 146 100  
 111 42.3 21.1 63.4  
 148 64.5 32.3 96.8



#84  
 1,4-Dichlorobenzene  
 Concen: 32.726 ug/l  
 RT: 13.806 min Scan# 2015  
 Delta R.T. 0.000 min  
 Lab File: VN086227.D  
 Acq: 04 Apr 2025 12:26

Tgt Ion:146 Resp: 98978  
 Ion Ratio Lower Upper  
 146 100  
 111 40.9 20.4 61.3  
 148 63.2 31.6 94.8

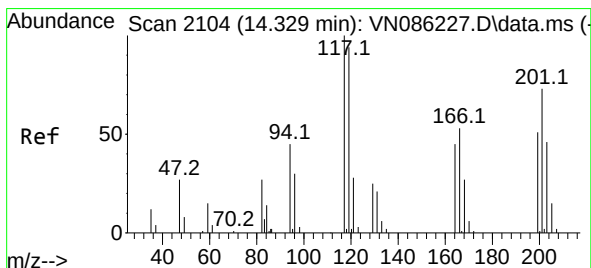
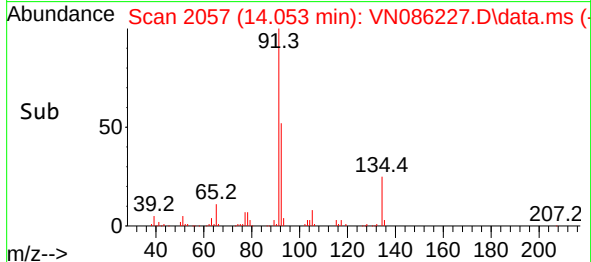
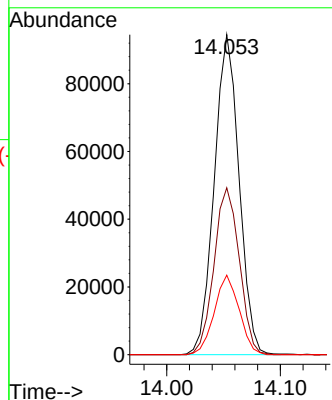
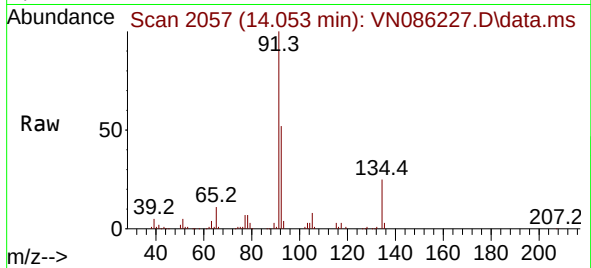




#85  
n-Butylbenzene  
Concen: 34.456 ug/l  
RT: 14.053 min Scan# 2057  
Delta R.T. 0.000 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

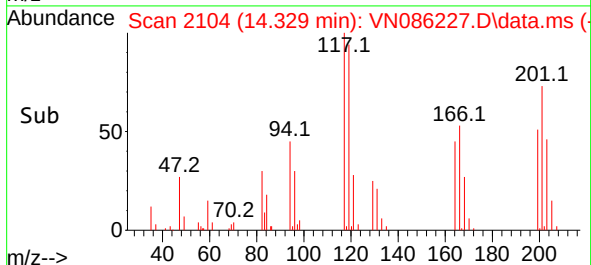
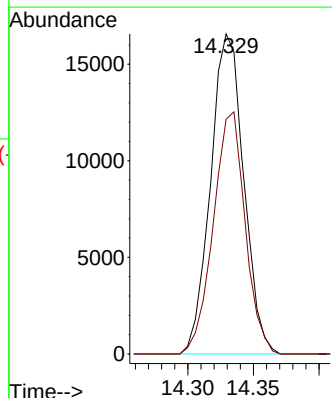
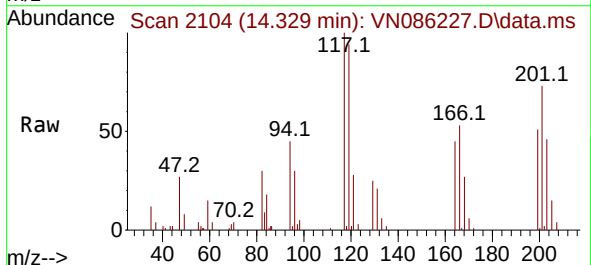
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MSVOA\_N  
ClientSampleId :  
VSTDICCC020

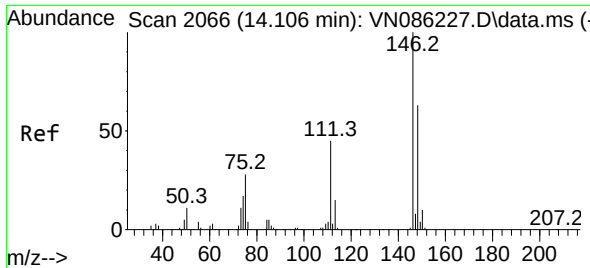
Tgt Ion: 91 Resp: 143399  
Ion Ratio Lower Upper  
91 100  
92 53.1 0.0 106.2  
134 24.9 0.0 49.8



#86  
Hexachloroethane  
Concen: 31.849 ug/l  
RT: 14.329 min Scan# 2104  
Delta R.T. 0.000 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

Tgt Ion: 117 Resp: 29090  
Ion Ratio Lower Upper  
117 100  
201 72.8 36.4 109.2

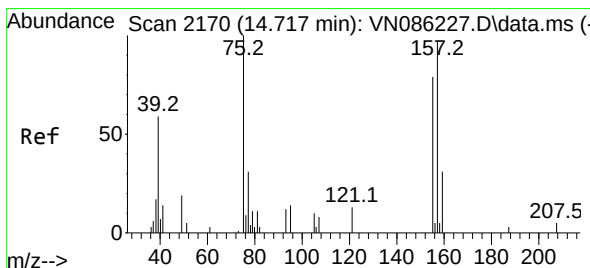
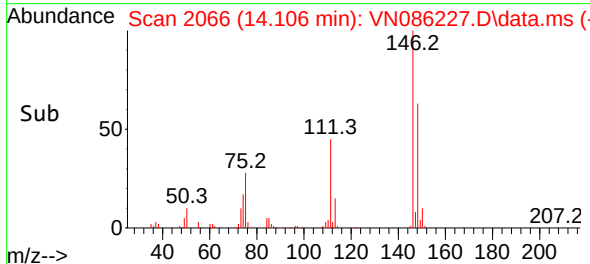
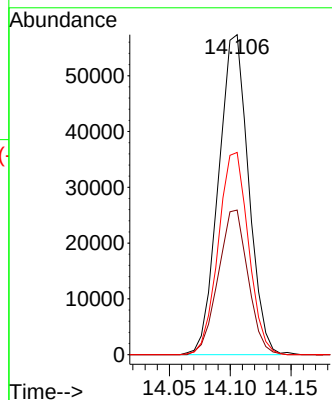
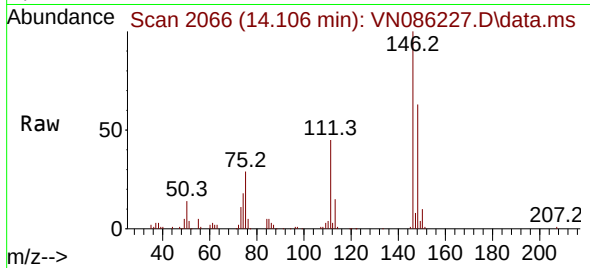




#87  
 1,2-Dichlorobenzene  
 Concen: 32.426 ug/l  
 RT: 14.106 min Scan# 2066  
 Delta R.T. 0.000 min  
 Lab File: VN086227.D  
 Acq: 04 Apr 2025 12:26

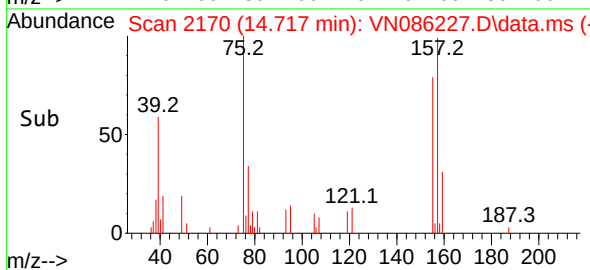
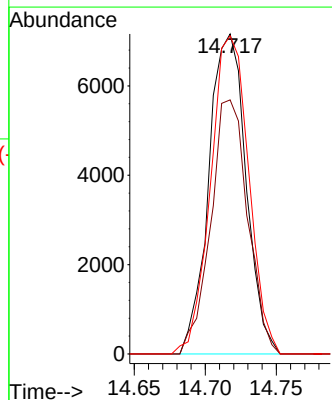
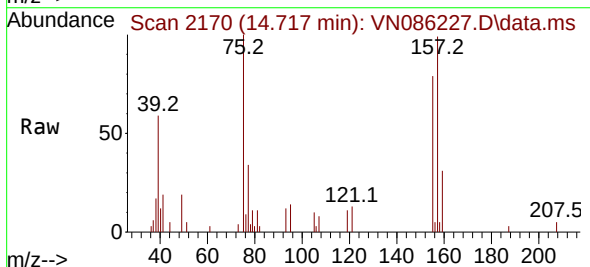
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 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC020

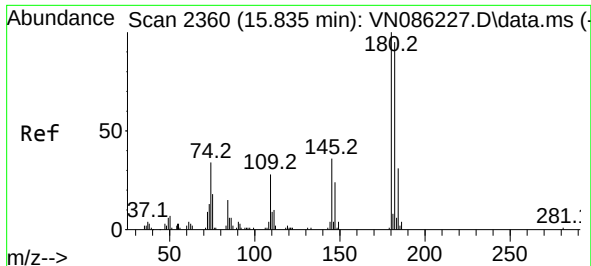
Tgt Ion:146 Resp: 98417  
 Ion Ratio Lower Upper  
 146 100  
 111 44.8 22.4 67.2  
 148 63.5 31.8 95.3



#88  
 1,2-Dibromo-3-Chloropropane  
 Concen: 31.927 ug/l  
 RT: 14.717 min Scan# 2170  
 Delta R.T. 0.000 min  
 Lab File: VN086227.D  
 Acq: 04 Apr 2025 12:26

Tgt Ion: 75 Resp: 13045  
 Ion Ratio Lower Upper  
 75 100  
 155 79.1 63.3 94.9  
 157 101.6 81.3 121.9





#89

1,2,4-Trichlorobenzene

Concen: 32.111 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN086227.D

Acq: 04 Apr 2025 12:26

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC020

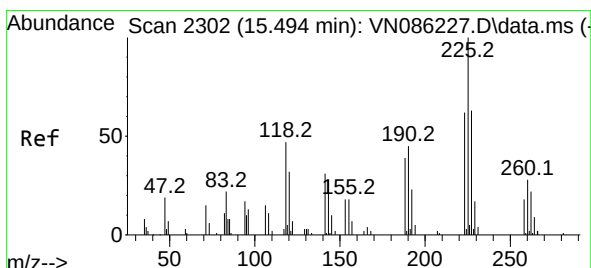
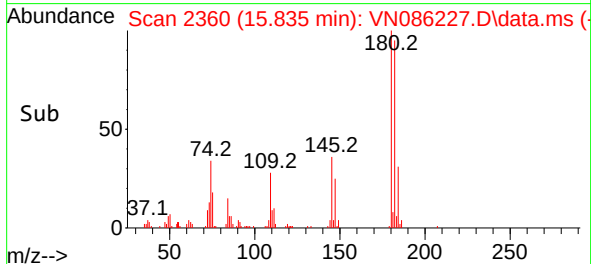
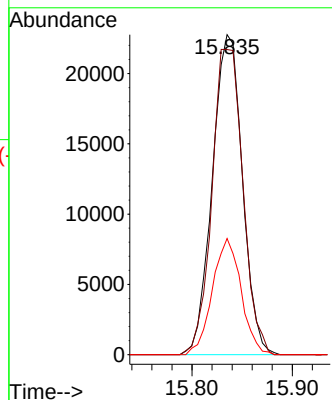
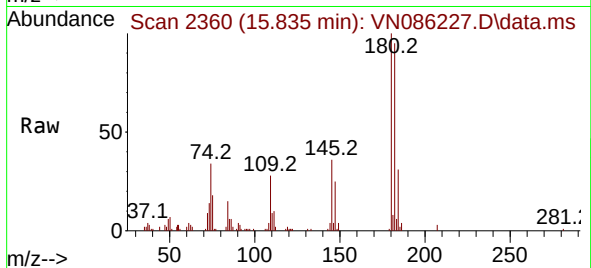
Tgt Ion:180 Resp: 47414

Ion Ratio Lower Upper

180 100

182 98.2 78.6 117.8

145 34.7 27.8 41.6



#90

Hexachlorobutadiene

Concen: 31.697 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. 0.000 min

Lab File: VN086227.D

Acq: 04 Apr 2025 12:26

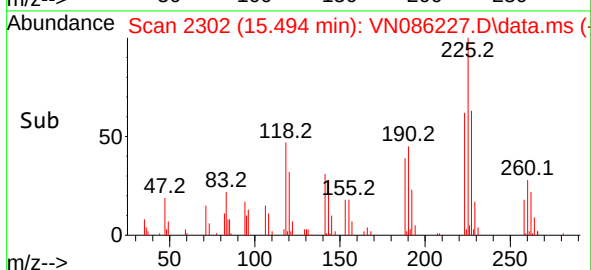
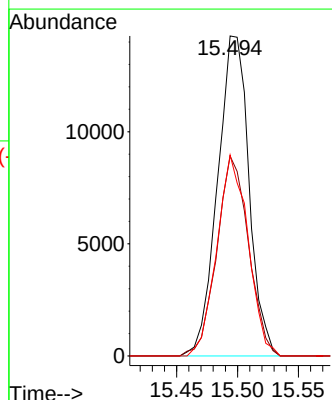
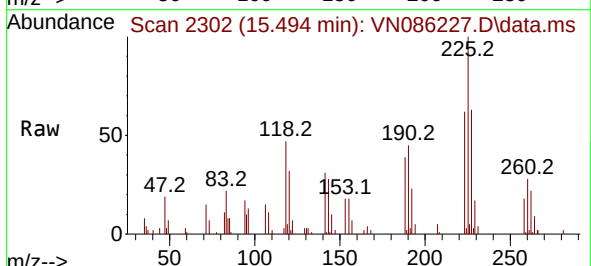
Tgt Ion:225 Resp: 25656

Ion Ratio Lower Upper

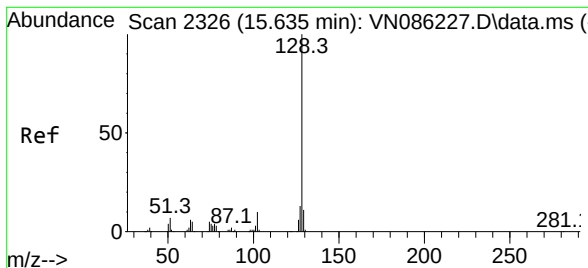
225 100

223 63.1 0.0 126.2

227 62.3 0.0 124.6



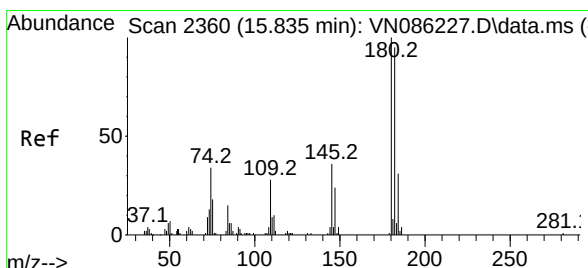
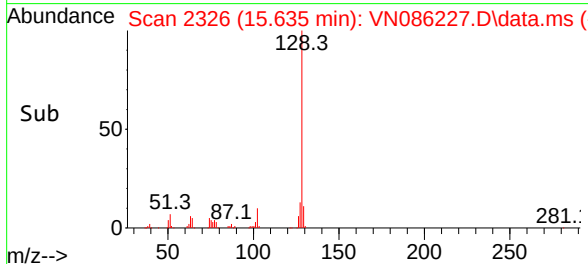
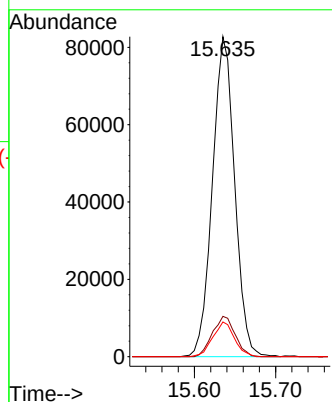
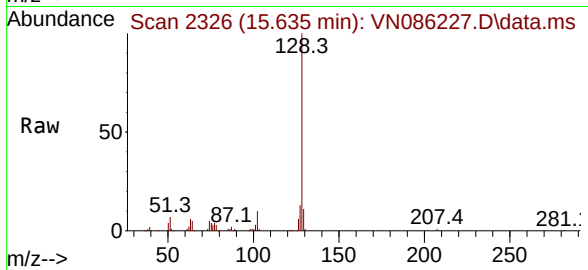




#91  
Naphthalene  
Concen: 32.945 ug/l  
RT: 15.635 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

Tgt Ion:128 Resp: 157657  
Ion Ratio Lower Upper  
128 100  
127 12.8 10.2 15.4  
129 10.6 8.5 12.7



#92  
1,2,3-Trichlorobenzene  
Concen: 32.111 ug/l  
RT: 15.835 min Scan# 2360  
Delta R.T. 0.000 min  
Lab File: VN086227.D  
Acq: 04 Apr 2025 12:26

Tgt Ion:180 Resp: 47414  
Ion Ratio Lower Upper  
180 100  
182 98.2 0.0 196.4  
145 34.7 0.0 69.4

