

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN100825\  
 Data File : VN088030.D  
 Acq On : 08 Oct 2025 09:34  
 Operator : JC\MD  
 Sample : VSTDICC005  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC005

Quant Time: Oct 09 02:00:45 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N100825W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Thu Oct 09 01:59:51 2025  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Bromochloromethane        | 7.800  | 128   | 70500    | 30.000   | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene      | 9.083  | 114   | 388491   | 30.000   | ug/l   | 0.00     |
| 57) Chlorobenzene-d5         | 11.847 | 117   | 345679   | 30.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 27) 1,2-Dichloroethane-d4    | 8.565  | 65    | 162371   | 29.577   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 110 | Recovery | =      | 98.600%  |
| 60) 4-Bromofluorobenzene     | 12.829 | 95    | 168531   | 29.574   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 63 - 112 | Recovery | =      | 98.567%  |
| 63) Toluene-d8               | 10.547 | 98    | 464668   | 30.170   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 112 | Recovery | =      | 100.567% |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.142  | 85    | 17512    | 4.337    | ug/l   | 91       |
| 3) Chloromethane             | 2.383  | 50    | 22534    | 4.922    | ug/l   | 89       |
| 4) Vinyl Chloride            | 2.536  | 62    | 23730    | 4.971    | ug/l   | 100      |
| 5) Bromomethane              | 2.977  | 94    | 12182    | 4.746    | ug/l   | 89       |
| 6) Chloroethane              | 3.136  | 64    | 16801    | 5.336    | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 3.506  | 101   | 33130    | 5.104    | ug/l   | 93       |
| 8) Diethyl Ether             | 3.965  | 74    | 15893    | 5.419    | ug/l   | 56       |
| 9) 1,1,2-Trichlorotrifluo... | 4.365  | 101   | 17744    | 5.106    | ug/l   | 91       |
| 10) 1,1-Dichloroethene       | 4.336  | 96    | 20091    | 5.420    | ug/l   | 87       |
| 11) Methyl Iodide            | 4.571  | 142   | 4710     | 1.379    | ug/l   | 75       |
| 12) Methyl Acetate           | 5.018  | 43    | 27381    | 4.670    | ug/l # | 82       |
| 13) Acrolein                 | 4.171  | 56    | 26567    | 28.489   | ug/l # | 1        |
| 14) Acrylonitrile            | 5.706  | 53    | 74537    | 25.631   | ug/l # | 89       |
| 15) Acetone                  | 3.965  | 58    | 319      | 0.373    | ug/l   | 94       |
| 16) Carbon Disulfide         | 4.700  | 76    | 60049    | 5.168    | ug/l   | 97       |
| 17) Allyl chloride           | 5.018  | 41    | 31121    | 4.449    | ug/l   | 93       |
| 18) Methylene Chloride       | 5.271  | 84    | 13407    | 2.846    | ug/l   | 94       |
| 19) trans-1,2-Dichloroethene | 5.777  | 96    | 22235    | 5.188    | ug/l # | 91       |
| 20) Diisopropyl ether        | 6.659  | 45    | 78511    | 4.930    | ug/l   | 98       |
| 21) 1,1-Dichloroethane       | 6.553  | 63    | 42704    | 5.151    | ug/l   | 96       |
| 22) cis-1,2-Dichloroethene   | 7.471  | 96    | 28117    | 5.241    | ug/l   | 97       |
| 23) tert-Butyl Alcohol       | 5.524  | 59    | 32274    | 27.671   | ug/l # | 100      |
| 24) Methyl tert-Butyl Ether  | 5.789  | 73    | 82482    | 5.155    | ug/l   | 96       |
| 25) Chloroform               | 7.947  | 83    | 46137    | 5.393    | ug/l   | 92       |
| 26) Cyclohexane              | 8.241  | 56    | 34857    | 5.075    | ug/l # | 98       |
| 29) 1,1-Dichloropropene      | 8.353  | 75    | 28652    | 5.145    | ug/l   | 95       |
| 30) 2-Butanone               | 7.471  | 43    | 106757   | 25.994   | ug/l   | 100      |
| 32) 1,1,1-Trichloroethane    | 8.147  | 97    | 36518    | 5.248    | ug/l   | 98       |
| 33) Carbon Tetrachloride     | 8.347  | 117   | 29564    | 5.072    | ug/l   | 93       |
| 34) Benzene                  | 8.583  | 78    | 96524    | 5.226    | ug/l # | 81       |
| 35) Methacrylonitrile        | 7.771  | 41    | 22614    | 5.236    | ug/l   | 95       |
| 36) 1,2-Dichloroethane       | 8.659  | 62    | 33473    | 5.220    | ug/l   | 98       |
| 37) Trichloroethene          | 9.335  | 130   | 23203    | 5.302    | ug/l   | 98       |
| 38) Methylcyclohexane        | 9.583  | 83    | 36254    | 5.272    | ug/l   | 97       |
| 39) 1,2-Dichloropropane      | 9.606  | 63    | 24526    | 5.296    | ug/l   | 97       |
| 40) Dibromomethane           | 9.694  | 93    | 17510    | 5.194    | ug/l   | 96       |
| 41) Bromodichloromethane     | 9.871  | 83    | 36971    | 5.370    | ug/l # | 97       |
| 42) Vinyl Acetate            | 6.594  | 43    | 347500   | 24.837   | ug/l   | 99       |
| 43) Ethyl Acetate            | 7.553  | 43    | 40587    | 5.141    | ug/l # | 71       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN100825\  
 Data File : VN088030.D  
 Acq On : 08 Oct 2025 09:34  
 Operator : JC\MD  
 Sample : VSTDICC005  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC005

Quant Time: Oct 09 02:00:45 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N100825W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Thu Oct 09 01:59:51 2025  
 Response via : Initial Calibration

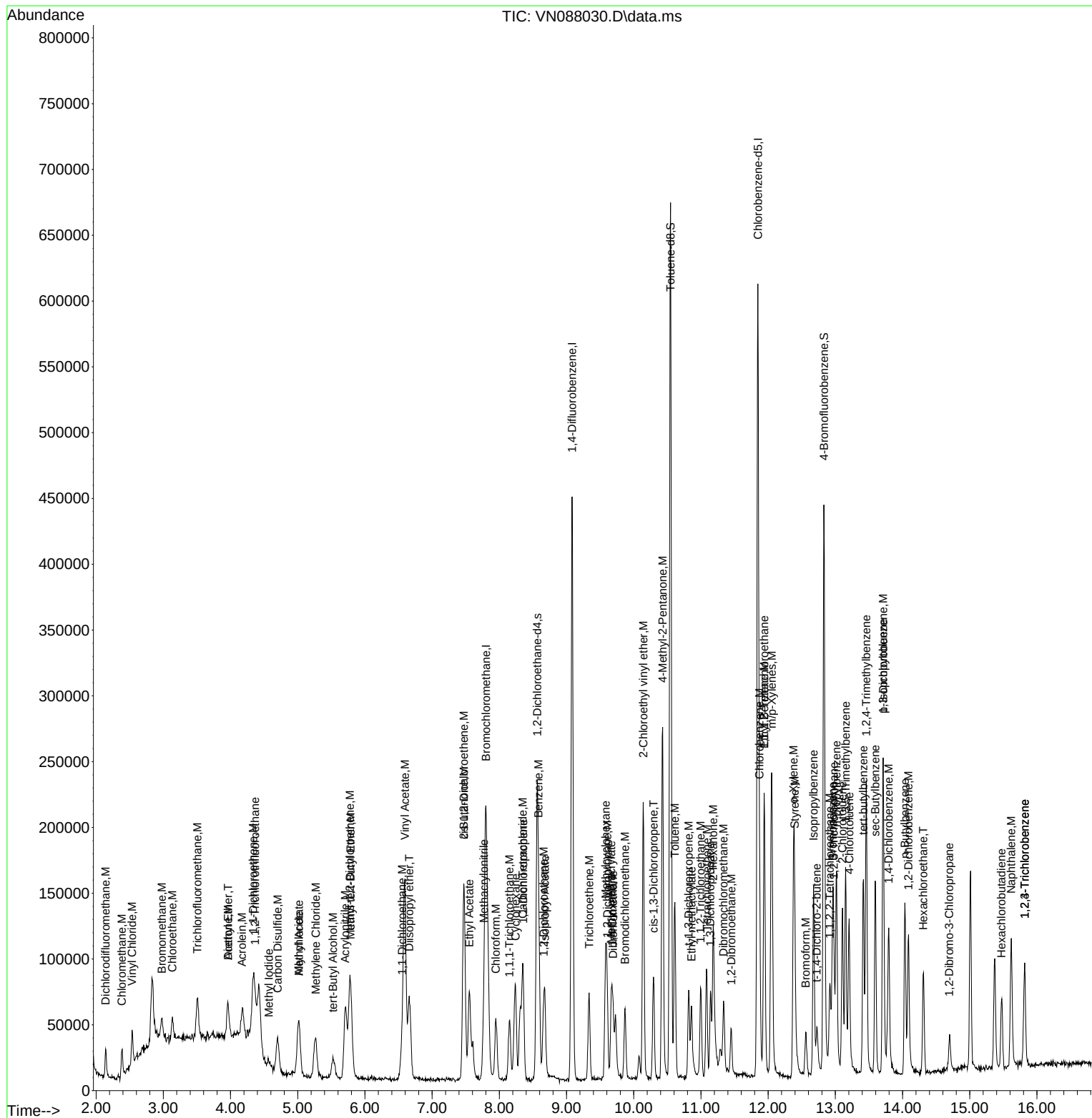
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 44) Isopropyl Acetate         | 8.677  | 43   | 63965    | 4.961  | ug/l   | 97       |
| 45) 1,4-Dioxane               | 9.683  | 88   | 8538     | 99.555 | ug/l # | 91       |
| 46) Methyl methacrylate       | 9.665  | 41   | 29344    | 5.167  | ug/l   | 87       |
| 48) t-1,3-Dichloropropene     | 10.818 | 75   | 38023    | 4.966  | ug/l   | 93       |
| 49) cis-1,3-Dichloropropene   | 10.294 | 75   | 40685    | 5.094  | ug/l   | 90       |
| 50) 1,1,2-Trichloroethane     | 10.994 | 97   | 23673    | 5.302  | ug/l # | 91       |
| 51) Ethyl methacrylate        | 10.859 | 69   | 33154    | 4.388  | ug/l   | 94       |
| 52) 1,3-Dichloropropane       | 11.141 | 76   | 39602    | 5.084  | ug/l   | 98       |
| 53) Dibromochloromethane      | 11.335 | 129  | 26900    | 5.040  | ug/l   | 100      |
| 54) 1,2-Dibromoethane         | 11.453 | 107  | 24696    | 5.174  | ug/l   | 97       |
| 55) 2-Chloroethyl vinyl ether | 10.141 | 63   | 93982    | 23.044 | ug/l   | 98       |
| 56) Bromoform                 | 12.559 | 173  | 17392    | 4.820  | ug/l   | 92       |
| 58) 4-Methyl-2-Pentanone      | 10.430 | 43   | 195537   | 25.289 | ug/l   | 99       |
| 59) 2-Hexanone                | 11.182 | 43   | 103702   | 20.314 | ug/l   | 99       |
| 61) Tetrachloroethene         | 11.088 | 164  | 18609    | 5.316  | ug/l   | 94       |
| 62) Toluene                   | 10.612 | 91   | 103446   | 5.276  | ug/l   | 98       |
| 64) Chlorobenzene             | 11.871 | 112  | 64403    | 5.142  | ug/l   | 92       |
| 65) 1,1,1,2-Tetrachloroethane | 11.941 | 131  | 21997    | 5.096  | ug/l   | 93       |
| 66) Ethyl Benzene             | 11.941 | 91   | 109599   | 5.140  | ug/l   | 92       |
| 67) m/p-Xylenes               | 12.053 | 106  | 83946    | 10.213 | ug/l   | 100      |
| 68) o-Xylene                  | 12.376 | 106  | 42988    | 5.254  | ug/l   | 98       |
| 69) Styrene                   | 12.394 | 104  | 66556    | 4.917  | ug/l   | 99       |
| 70) Isopropylbenzene          | 12.676 | 105  | 103205   | 5.146  | ug/l   | 97       |
| 71) 1,1,2,2-Tetrachloroethane | 12.918 | 83   | 35698    | 5.250  | ug/l   | 100      |
| 72) 1,2,3-Trichloropropane    | 12.976 | 75   | 45516    | 6.896  | ug/l   | 56       |
| 73) Bromobenzene              | 12.959 | 156  | 24839    | 5.068  | ug/l   | 99       |
| 74) n-propylbenzene           | 13.018 | 91   | 120356   | 4.971  | ug/l   | 100      |
| 75) 2-Chlorotoluene           | 13.106 | 91   | 74825    | 5.055  | ug/l   | 98       |
| 76) 1,3,5-Trimethylbenzene    | 13.153 | 105  | 87631    | 5.144  | ug/l   | 97       |
| 77) t-1,4-Dichloro-2-butene   | 12.723 | 75   | 9813     | 4.018  | ug/l   | 83       |
| 78) 4-Chlorotoluene           | 13.206 | 91   | 72267    | 4.805  | ug/l   | 100      |
| 79) tert-butylbenzene         | 13.418 | 119  | 74615    | 5.053  | ug/l   | 97       |
| 80) 1,2,4-Trimethylbenzene    | 13.459 | 105  | 86692    | 5.084  | ug/l   | 99       |
| 81) sec-Butylbenzene          | 13.594 | 105  | 106110   | 5.111  | ug/l   | 100      |
| 82) p-Isopropyltoluene        | 13.712 | 119  | 91611    | 5.168  | ug/l   | 98       |
| 83) 1,3-Dichlorobenzene       | 13.712 | 146  | 46688    | 5.062  | ug/l   | 97       |
| 84) 1,4-Dichlorobenzene       | 13.794 | 146  | 49265    | 5.180  | ug/l   | 99       |
| 85) n-Butylbenzene            | 14.035 | 91   | 82683    | 5.013  | ug/l   | 99       |
| 86) Hexachloroethane          | 14.306 | 117  | 18772    | 5.286  | ug/l   | 91       |
| 87) 1,2-Dichlorobenzene       | 14.088 | 146  | 47327    | 5.217  | ug/l   | 98       |
| 88) 1,2-Dibromo-3-Chloropr... | 14.694 | 75   | 7710     | 4.938  | ug/l   | 95       |
| 89) 1,2,4-Trichlorobenzene    | 15.817 | 180  | 26899    | 4.978  | ug/l   | 92       |
| 90) Hexachlorobutadiene       | 15.470 | 225  | 10187    | 5.417  | ug/l   | 96       |
| 91) Naphthalene               | 15.617 | 128  | 97405    | 4.924  | ug/l   | 98       |
| 92) 1,2,3-Trichlorobenzene    | 15.817 | 180  | 26899    | 4.978  | ug/l   | 92       |

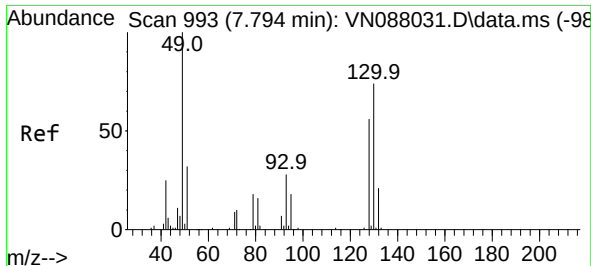
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN100825\  
Data File : VN088030.D  
Acq On : 08 Oct 2025 09:34  
Operator : JC\MD  
Sample : VSTDIC005  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Quant Time: Oct 09 02:00:45 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N100825W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Thu Oct 09 01:59:51 2025  
Response via : Initial Calibration

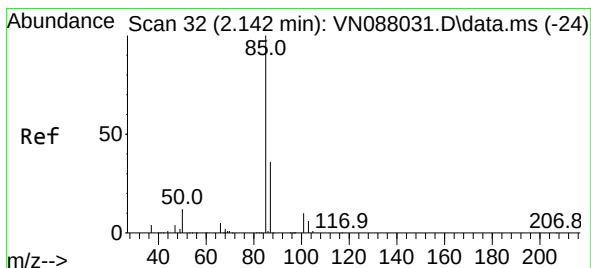
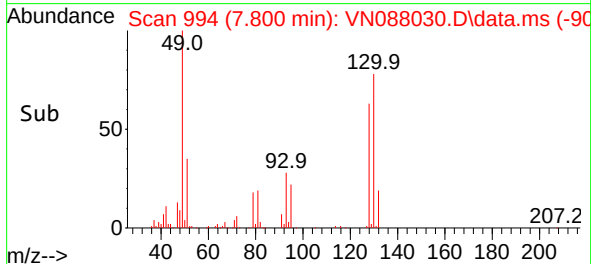
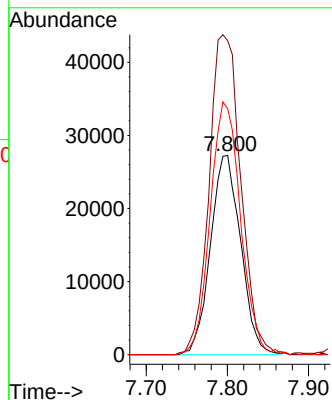
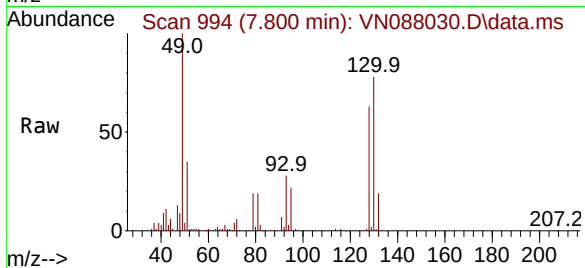




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 7.800 min Scan# 993  
Delta R.T. 0.006 min  
Lab File: VN088030.D  
Acq: 08 Oct 2025 09:34

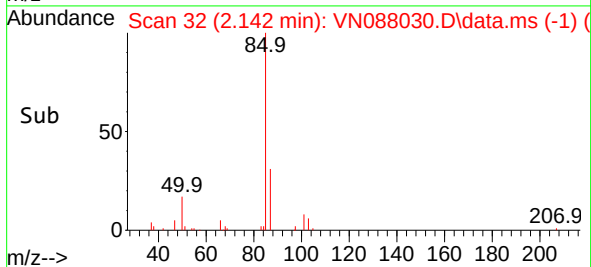
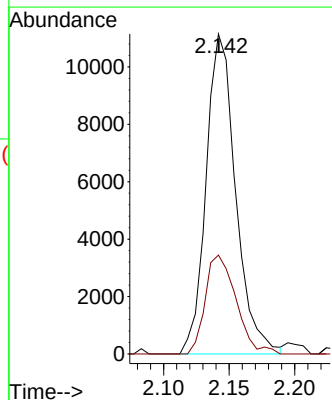
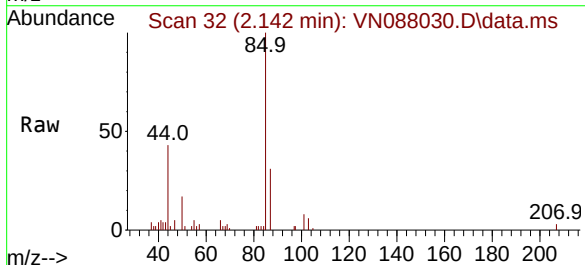
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC005

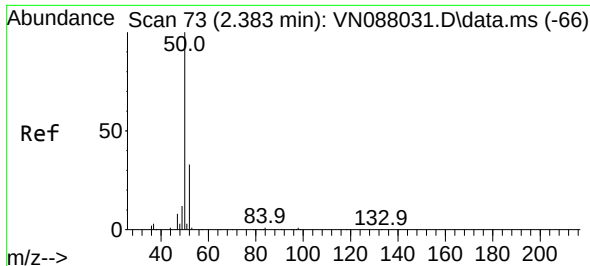
Tgt Ion:128 Resp: 70500  
Ion Ratio Lower Upper  
128 100  
49 168.1 0.0 439.8  
130 127.2 0.0 325.8



#2  
Dichlorodifluoromethane  
Concen: 4.337 ug/l  
RT: 2.142 min Scan# 32  
Delta R.T. 0.000 min  
Lab File: VN088030.D  
Acq: 08 Oct 2025 09:34

Tgt Ion: 85 Resp: 17512  
Ion Ratio Lower Upper  
85 100  
87 30.9 17.9 53.8

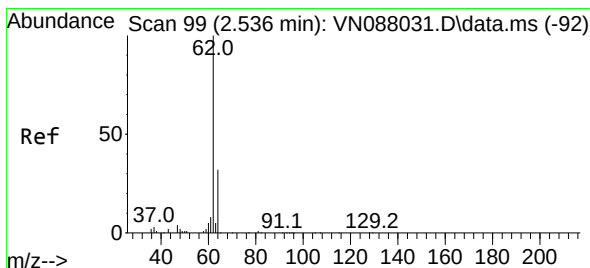
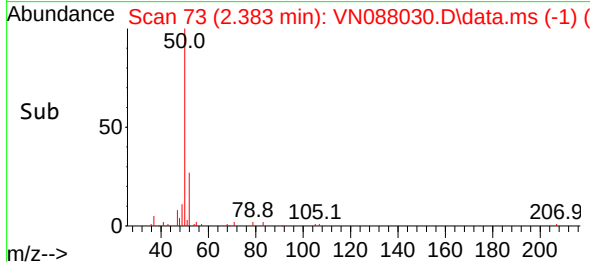
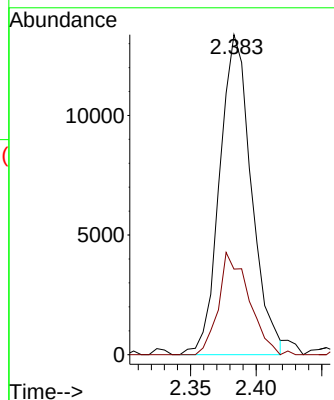
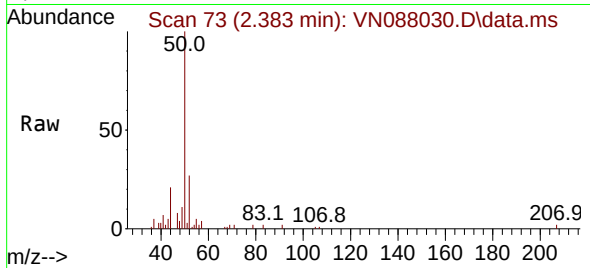




#3  
Chloromethane  
Concen: 4.922 ug/l  
RT: 2.383 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VN088030.D  
Acq: 08 Oct 2025 09:34

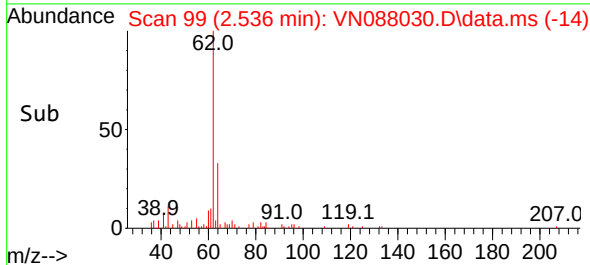
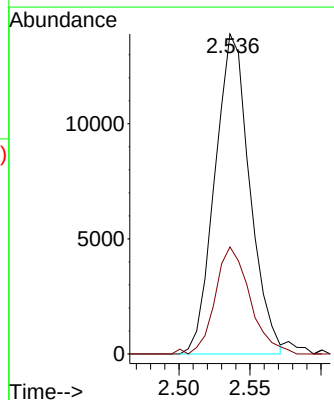
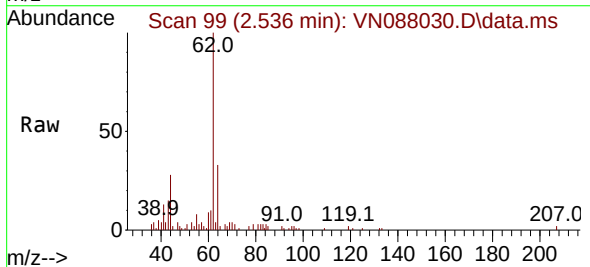
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

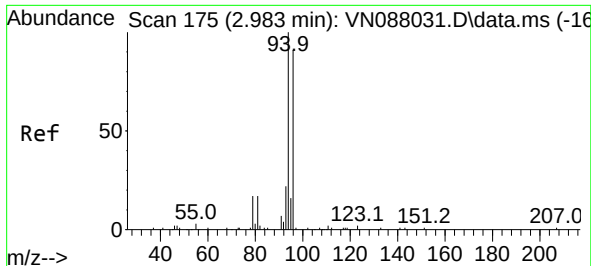
Tgt Ion: 50 Resp: 22534  
Ion Ratio Lower Upper  
50 100  
52 26.8 26.3 39.5



#4  
Vinyl Chloride  
Concen: 4.971 ug/l  
RT: 2.536 min Scan# 99  
Delta R.T. 0.000 min  
Lab File: VN088030.D  
Acq: 08 Oct 2025 09:34

Tgt Ion: 62 Resp: 23730  
Ion Ratio Lower Upper  
62 100  
64 31.9 25.7 38.5

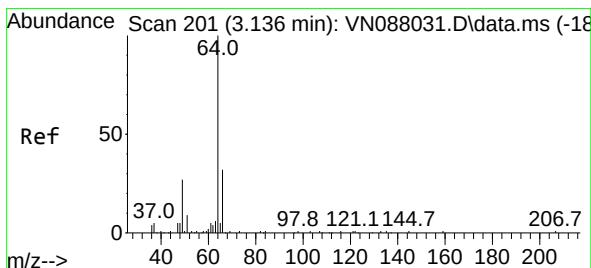
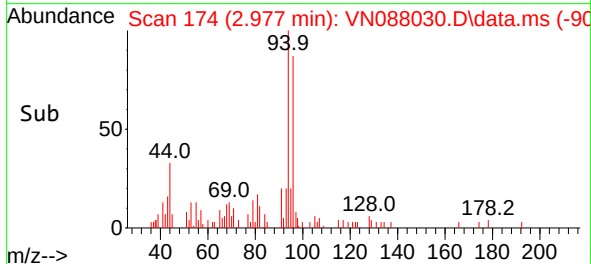
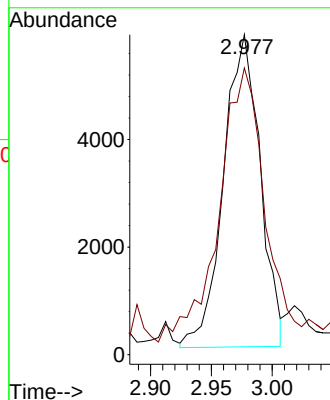
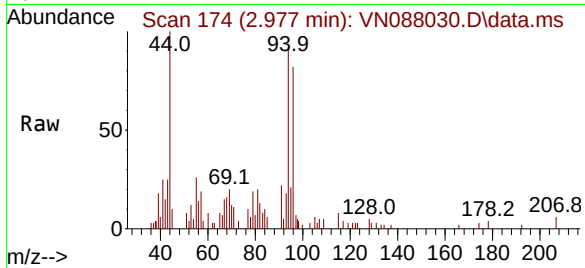




#5  
Bromomethane  
Concen: 4.746 ug/l  
RT: 2.977 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN088030.D  
Acq: 08 Oct 2025 09:34

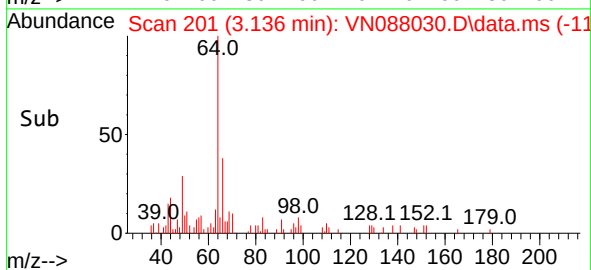
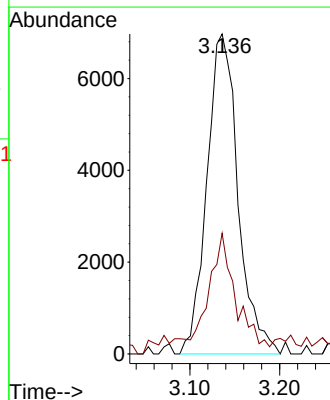
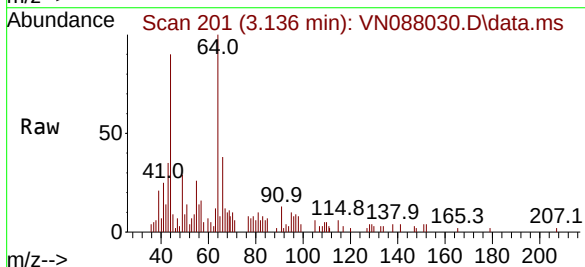
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

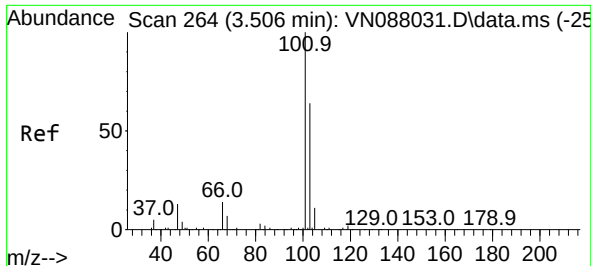
Tgt Ion: 94 Resp: 12182  
Ion Ratio Lower Upper  
94 100  
96 80.5 73.0 109.4



#6  
Chloroethane  
Concen: 5.336 ug/l  
RT: 3.136 min Scan# 201  
Delta R.T. 0.000 min  
Lab File: VN088030.D  
Acq: 08 Oct 2025 09:34

Tgt Ion: 64 Resp: 16801  
Ion Ratio Lower Upper  
64 100  
66 33.0 26.8 40.2

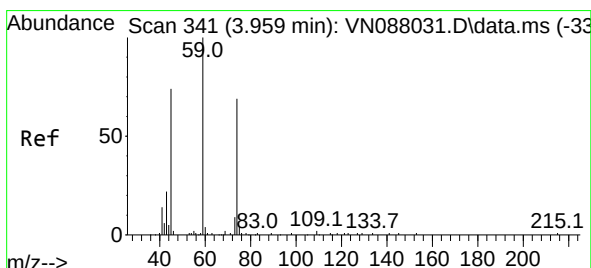
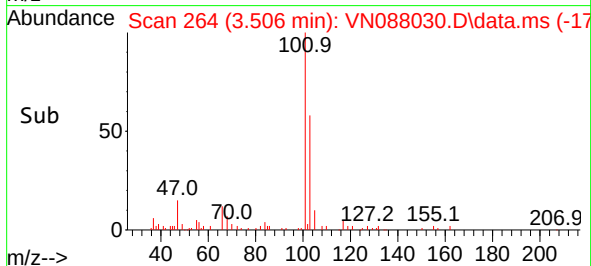
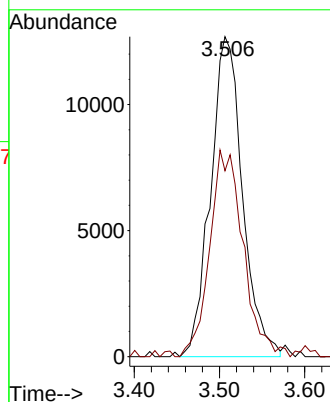
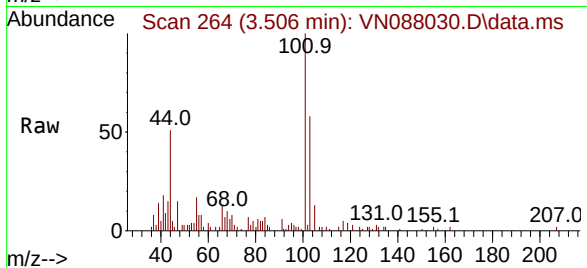




#7  
 Trichlorofluoromethane  
 Concen: 5.104 ug/l  
 RT: 3.506 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VN088030.D  
 Acq: 08 Oct 2025 09:34

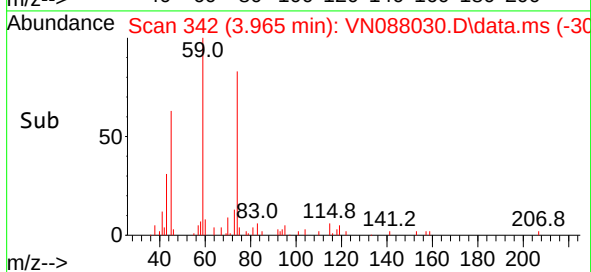
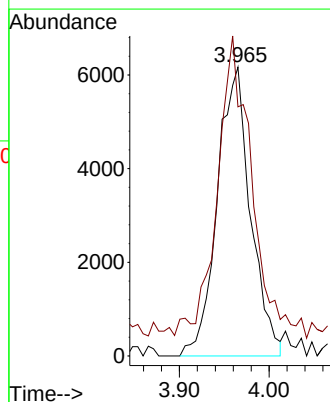
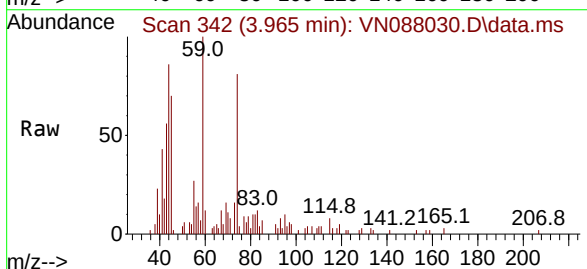
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

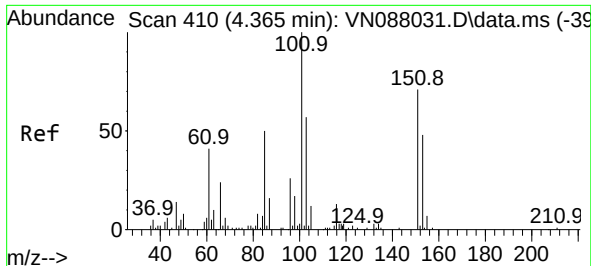
Tgt Ion:101 Resp: 33130  
 Ion Ratio Lower Upper  
 101 100  
 103 58.1 51.0 76.4



#8  
 Diethyl Ether  
 Concen: 5.419 ug/l  
 RT: 3.965 min Scan# 342  
 Delta R.T. 0.006 min  
 Lab File: VN088030.D  
 Acq: 08 Oct 2025 09:34

Tgt Ion: 74 Resp: 15893  
 Ion Ratio Lower Upper  
 74 100  
 45 57.6 20.4 183.8

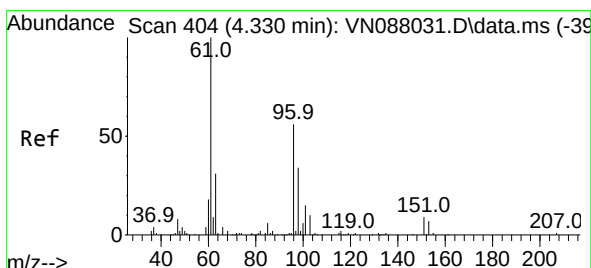
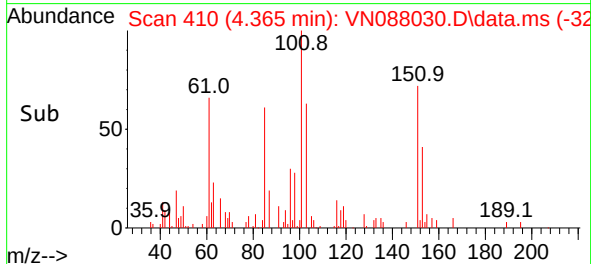
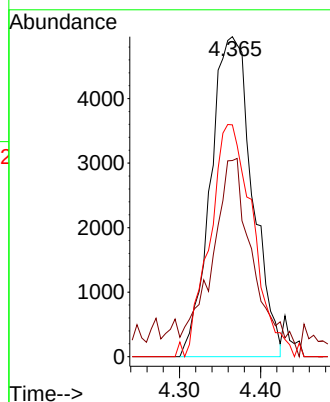
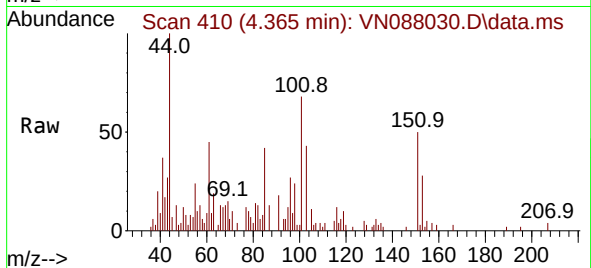




#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 5.106 ug/l  
 RT: 4.365 min Scan# 410  
 Delta R.T. 0.000 min  
 Lab File: VN088030.D  
 Acq: 08 Oct 2025 09:34

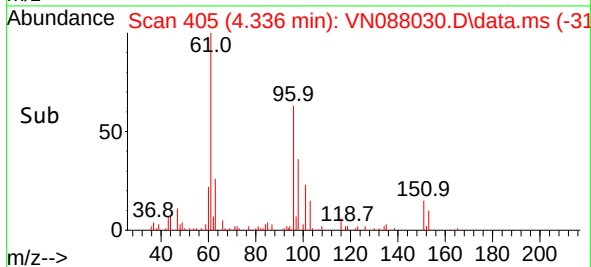
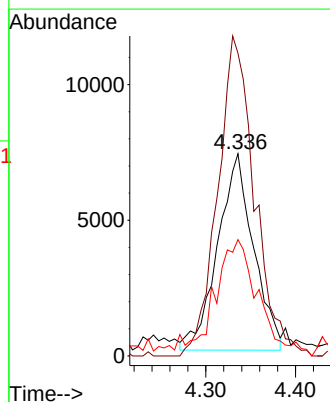
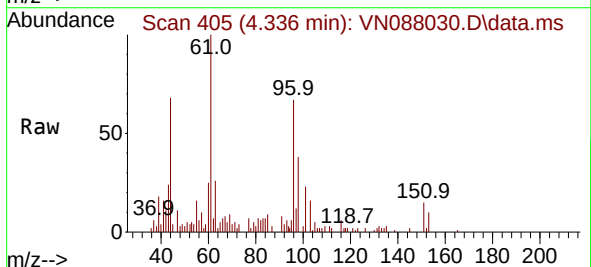
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC005

Tgt Ion:101 Resp: 17744  
 Ion Ratio Lower Upper  
 101 100  
 85 61.7 0.0 103.2  
 151 74.4 0.0 141.4

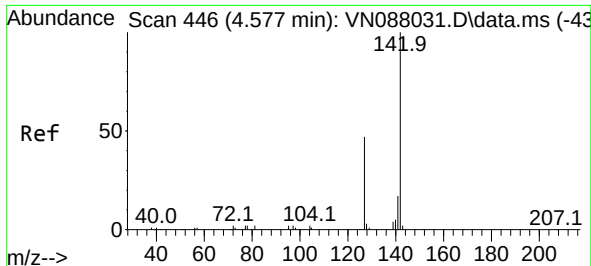


#10  
 1,1-Dichloroethene  
 Concen: 5.420 ug/l  
 RT: 4.336 min Scan# 405  
 Delta R.T. 0.006 min  
 Lab File: VN088030.D  
 Acq: 08 Oct 2025 09:34

Tgt Ion: 96 Resp: 20091  
 Ion Ratio Lower Upper  
 96 100  
 61 160.4 144.1 216.1  
 98 53.7 49.0 73.6



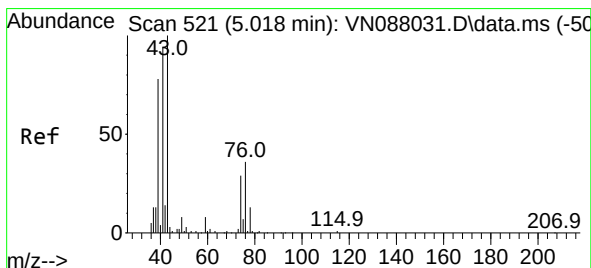
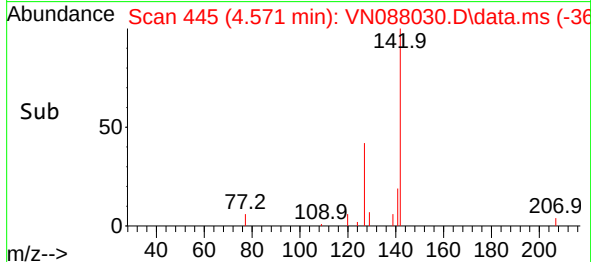
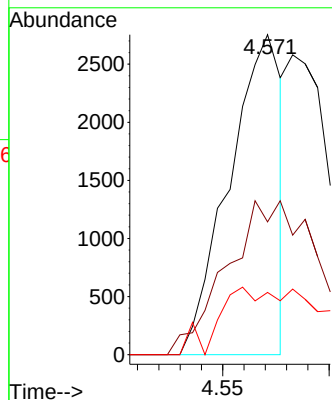
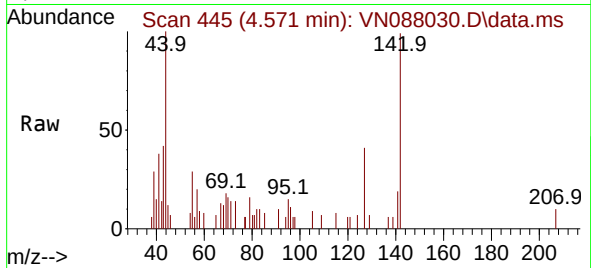




#11  
Methyl Iodide  
Concen: 1.379 ug/l  
RT: 4.571 min Scan# 446  
Delta R.T. -0.006 min  
Lab File: VN088030.D  
Acq: 08 Oct 2025 09:34

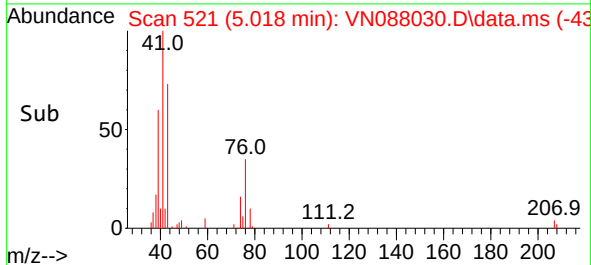
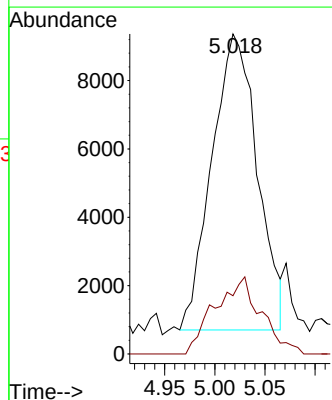
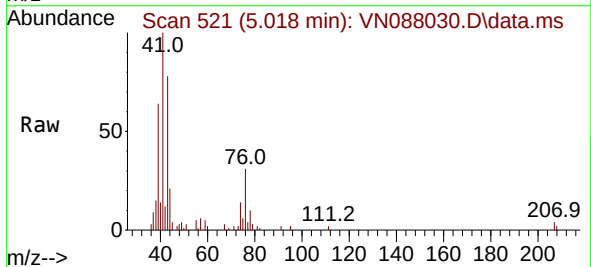
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

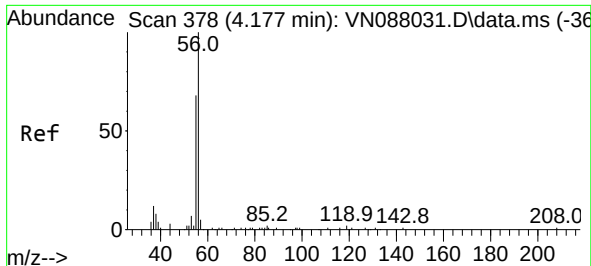
Tgt Ion:142 Resp: 4710  
Ion Ratio Lower Upper  
142 100  
127 25.3 23.4 70.3  
141 19.4 8.8 26.2



#12  
Methyl Acetate  
Concen: 4.670 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. 0.000 min  
Lab File: VN088030.D  
Acq: 08 Oct 2025 09:34

Tgt Ion: 43 Resp: 27381  
Ion Ratio Lower Upper  
43 100  
74 19.5 23.3 34.9#

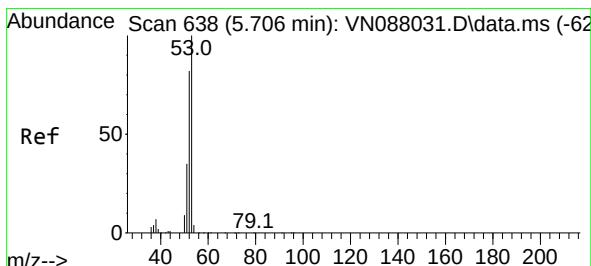
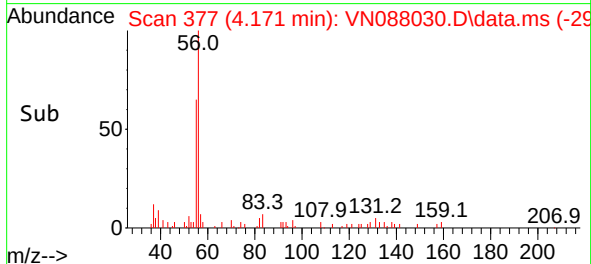
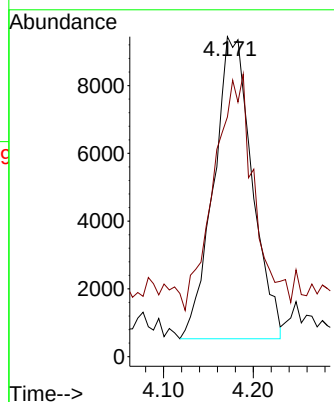
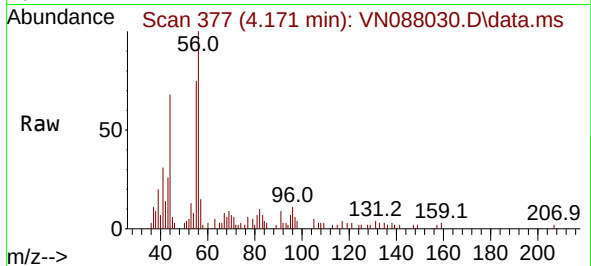




#13  
Acrolein  
Concen: 28.489 ug/l  
RT: 4.171 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VN088030.D  
Acq: 08 Oct 2025 09:34

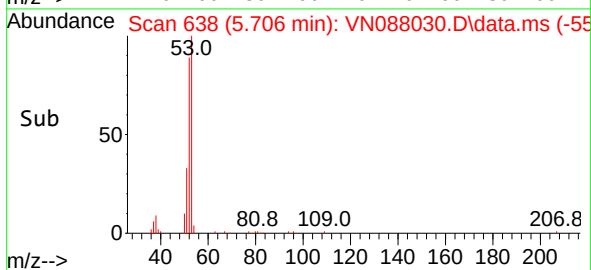
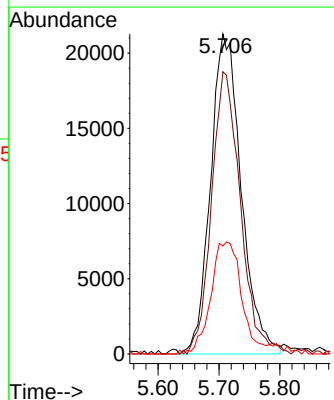
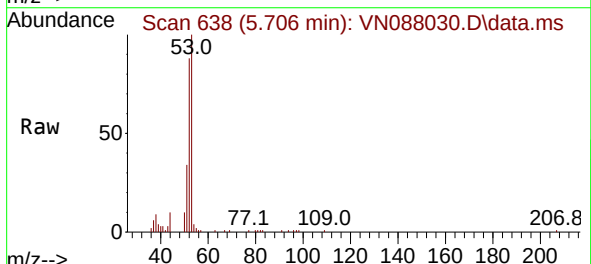
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC005

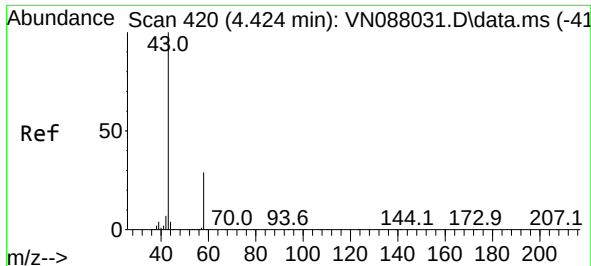
Tgt Ion: 56 Resp: 26567  
Ion Ratio Lower Upper  
56 100  
55 80.4 0.3 0.5#



#14  
Acrylonitrile  
Concen: 25.631 ug/l  
RT: 5.706 min Scan# 638  
Delta R.T. 0.000 min  
Lab File: VN088030.D  
Acq: 08 Oct 2025 09:34

Tgt Ion: 53 Resp: 74537  
Ion Ratio Lower Upper  
53 100  
52 81.8 41.3 124.1  
51 15.7 18.0 54.0#





#15

Acetone

Concen: 0.373 ug/l

RT: 3.965 min Scan# 34

Delta R.T. -0.459 min

Lab File: VN088030.D

Acq: 08 Oct 2025 09:34

Instrument :

MSVOA\_N

ClientSampleId :

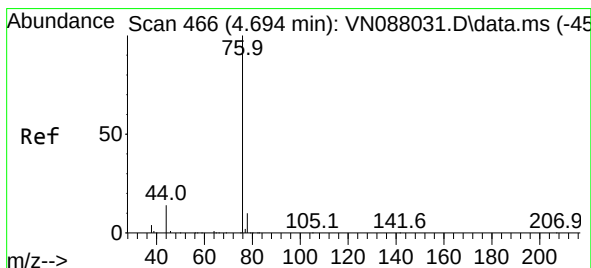
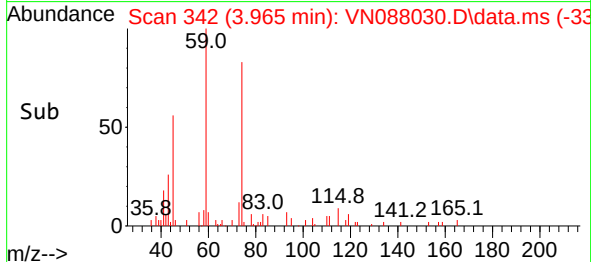
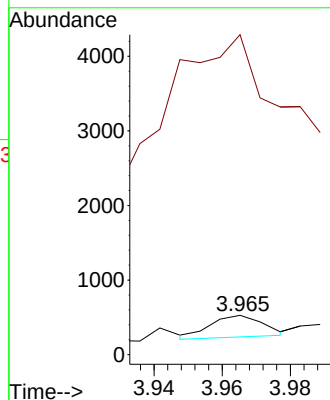
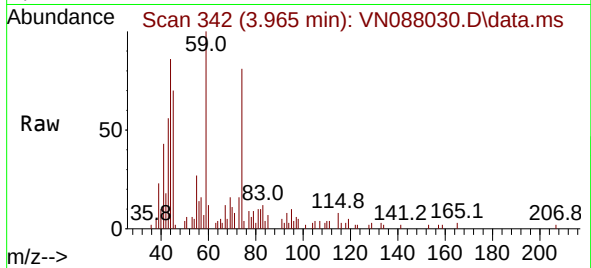
VSTDICC005

Tgt Ion: 58 Resp: 319

Ion Ratio Lower Upper

58 100

43 366.0 282.6 424.0



#16

Carbon Disulfide

Concen: 5.168 ug/l

RT: 4.700 min Scan# 467

Delta R.T. 0.006 min

Lab File: VN088030.D

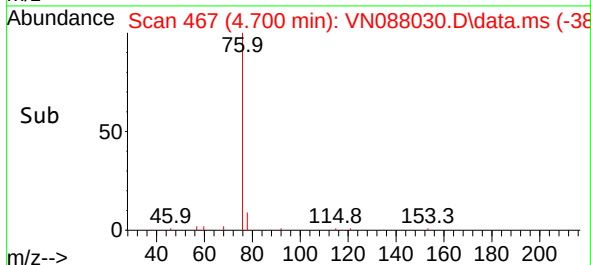
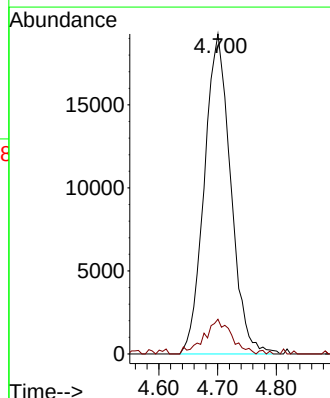
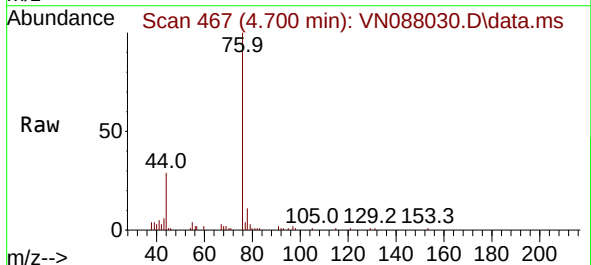
Acq: 08 Oct 2025 09:34

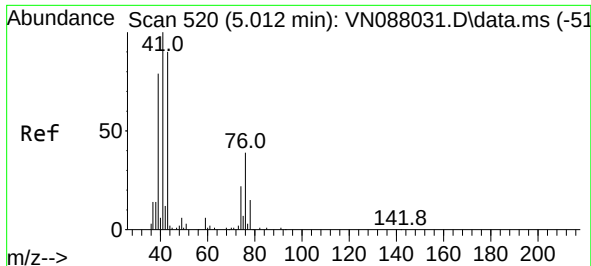
Tgt Ion: 76 Resp: 60049

Ion Ratio Lower Upper

76 100

78 10.8 7.8 11.8

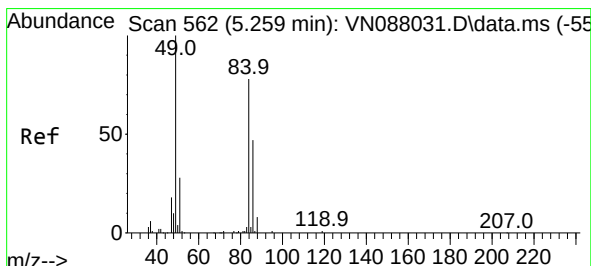
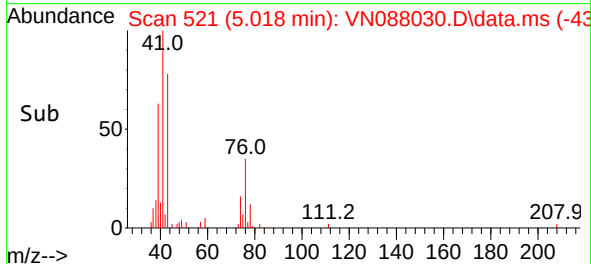
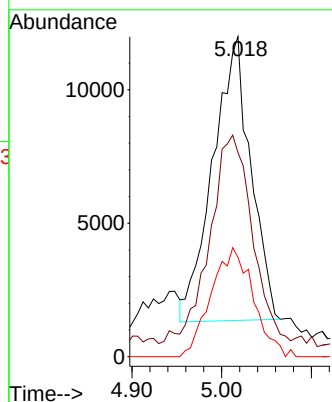
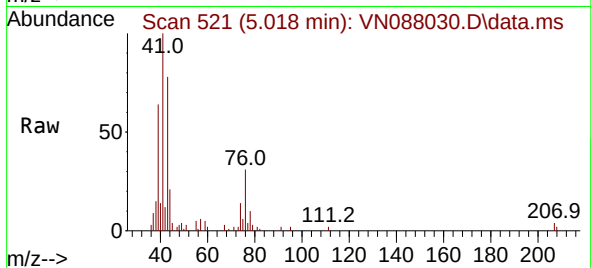




#17  
 Allyl chloride  
 Concen: 4.449 ug/l  
 RT: 5.018 min Scan# 51  
 Delta R.T. 0.006 min  
 Lab File: VN088030.D  
 Acq: 08 Oct 2025 09:34

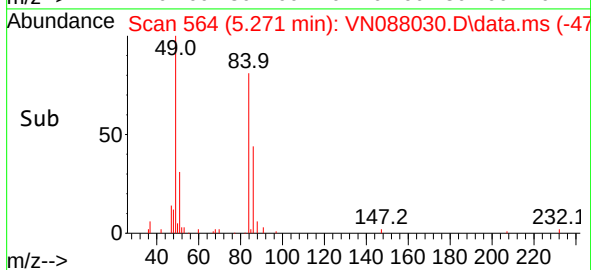
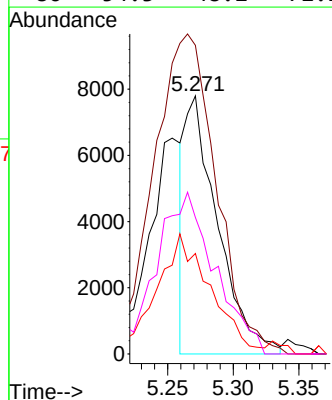
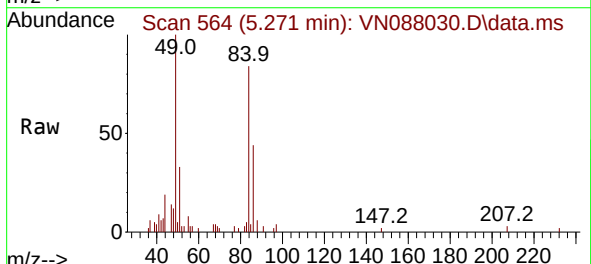
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

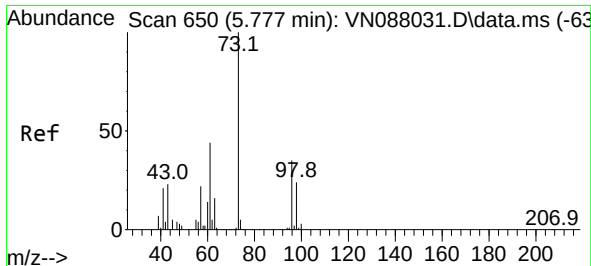
Tgt Ion: 41 Resp: 31121  
 Ion Ratio Lower Upper  
 41 100  
 39 64.4 36.4 109.2  
 76 35.2 18.1 54.1



#18  
 Methylene Chloride  
 Concen: 2.846 ug/l  
 RT: 5.271 min Scan# 564  
 Delta R.T. 0.012 min  
 Lab File: VN088030.D  
 Acq: 08 Oct 2025 09:34

Tgt Ion: 84 Resp: 13407  
 Ion Ratio Lower Upper  
 84 100  
 49 120.6 102.6 153.8  
 51 36.6 28.6 42.8  
 86 54.3 48.2 72.2

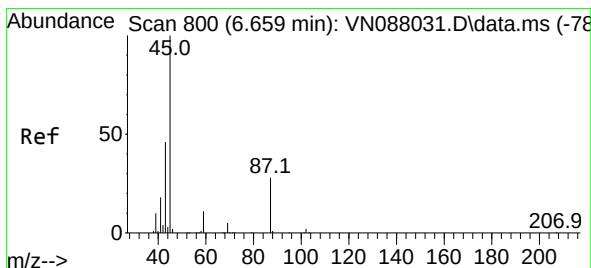
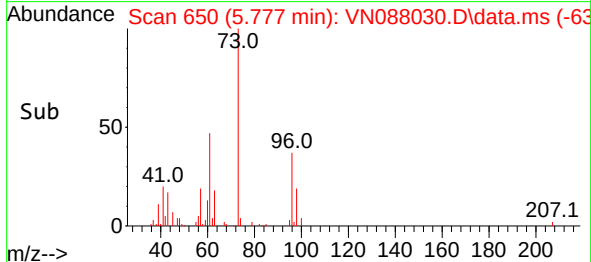
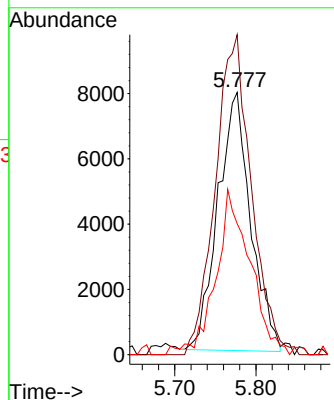
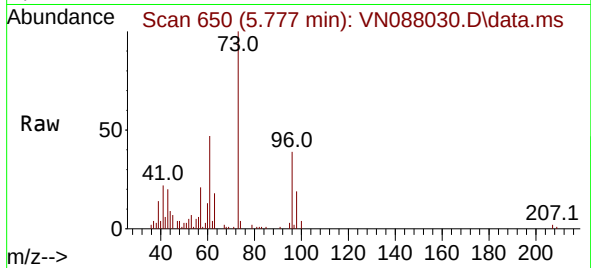




#19  
trans-1,2-Dichloroethene  
Concen: 5.188 ug/l  
RT: 5.777 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN088030.D  
Acq: 08 Oct 2025 09:34

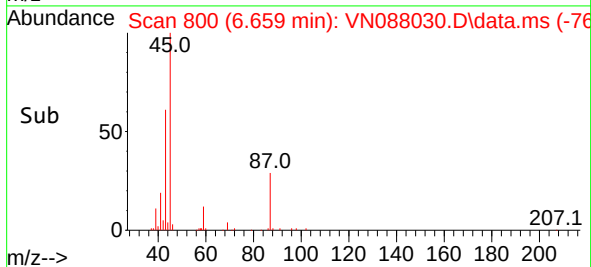
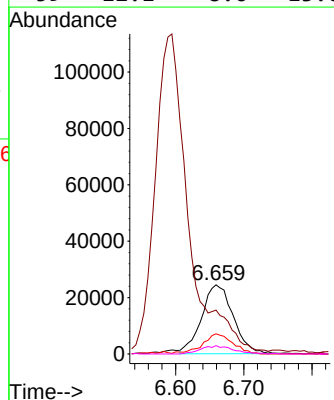
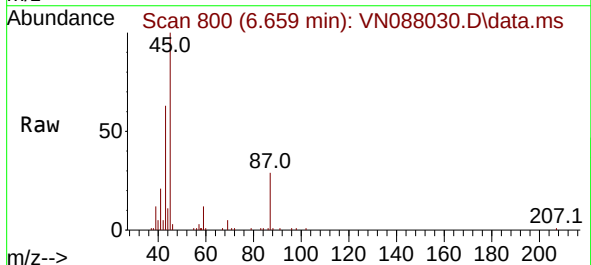
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

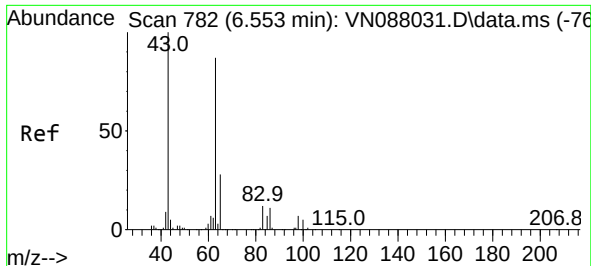
Tgt Ion: 96 Resp: 22235  
Ion Ratio Lower Upper  
96 100  
61 124.5 100.6 151.0  
98 48.8 54.0 81.0#



#20  
Diisopropyl ether  
Concen: 4.930 ug/l  
RT: 6.659 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VN088030.D  
Acq: 08 Oct 2025 09:34

Tgt Ion: 45 Resp: 78511  
Ion Ratio Lower Upper  
45 100  
43 58.4 46.1 69.1  
87 29.4 22.3 33.5  
59 12.1 8.6 13.0

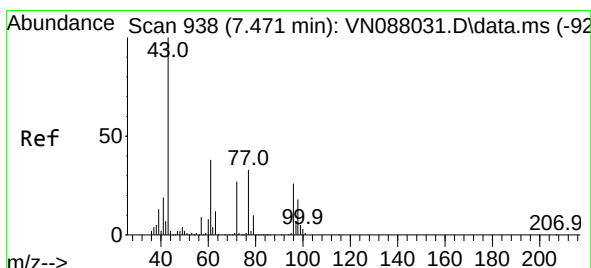
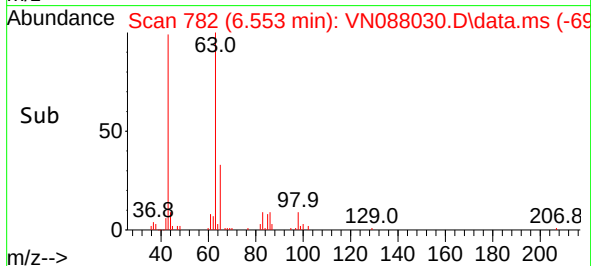
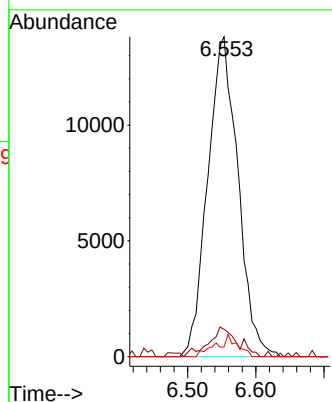
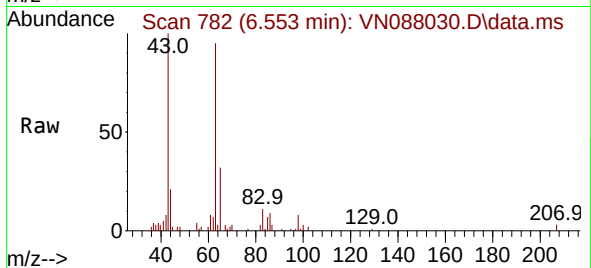




#21  
1,1-Dichloroethane  
Concen: 5.151 ug/l  
RT: 6.553 min Scan# 782  
Delta R.T. 0.000 min  
Lab File: VN088030.D  
Acq: 08 Oct 2025 09:34

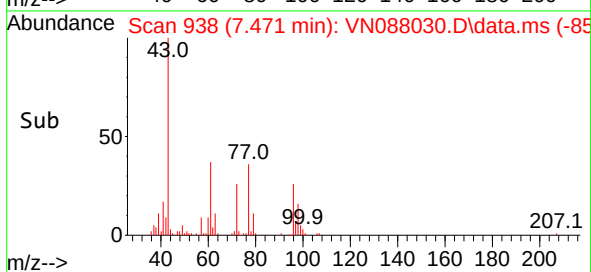
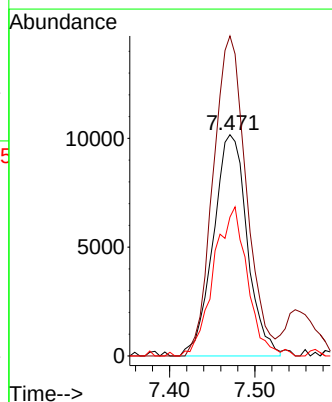
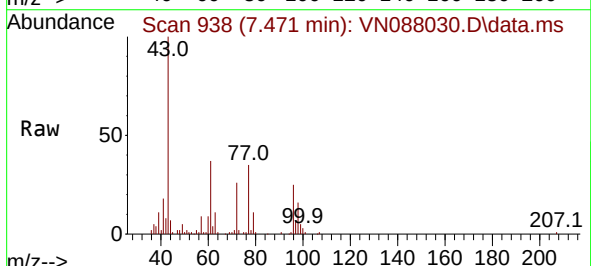
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC005

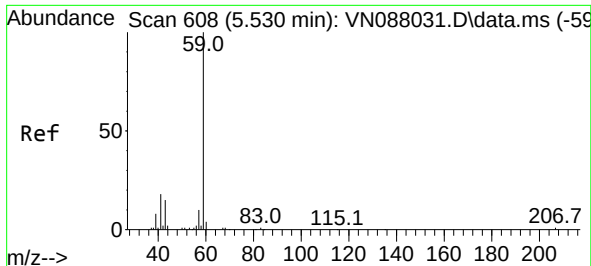
Tgt Ion: 63 Resp: 42704  
Ion Ratio Lower Upper  
63 100  
98 7.5 4.3 12.8  
100 3.0 2.6 8.0



#22  
cis-1,2-Dichloroethene  
Concen: 5.241 ug/l  
RT: 7.471 min Scan# 938  
Delta R.T. 0.000 min  
Lab File: VN088030.D  
Acq: 08 Oct 2025 09:34

Tgt Ion: 96 Resp: 28117  
Ion Ratio Lower Upper  
96 100  
61 141.2 117.0 175.6  
98 66.7 52.6 79.0

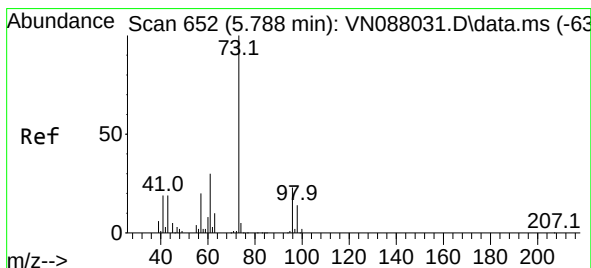
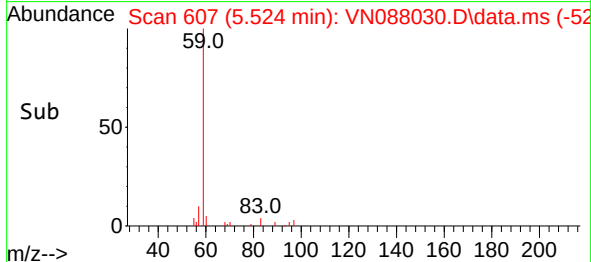
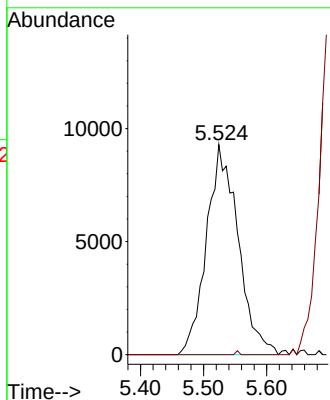
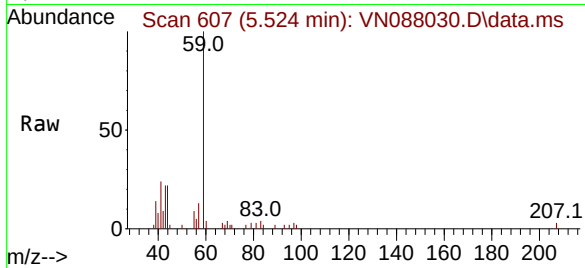




#23  
tert-Butyl Alcohol  
Concen: 27.671 ug/l  
RT: 5.524 min Scan# 608  
Delta R.T. -0.006 min  
Lab File: VN088030.D  
Acq: 08 Oct 2025 09:34

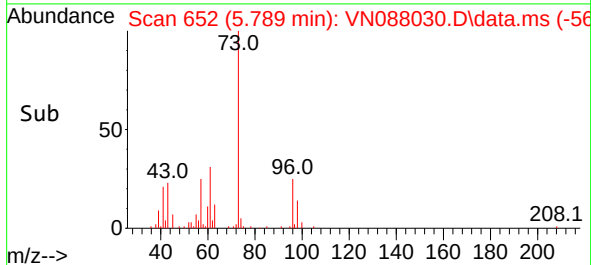
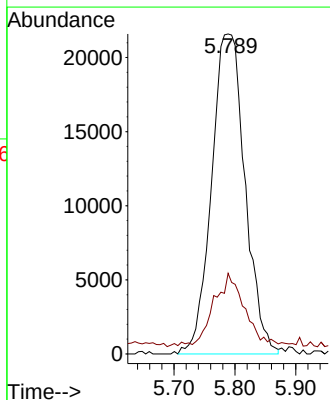
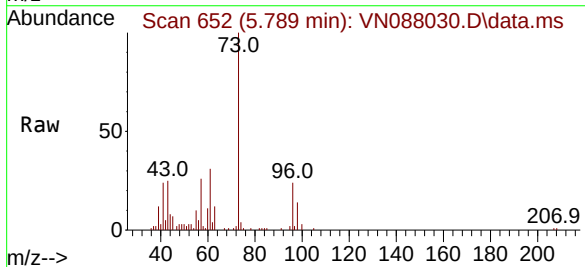
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

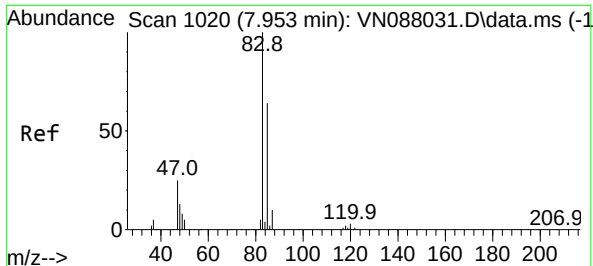
Tgt Ion: 59 Resp: 32274  
Ion Ratio Lower Upper  
59 100  
52 0.0 0.0 0.0



#24  
Methyl tert-Butyl Ether  
Concen: 5.155 ug/l  
RT: 5.789 min Scan# 652  
Delta R.T. 0.000 min  
Lab File: VN088030.D  
Acq: 08 Oct 2025 09:34

Tgt Ion: 73 Resp: 82482  
Ion Ratio Lower Upper  
73 100  
43 19.2 17.0 25.4





#25

Chloroform

Concen: 5.393 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VN088030.D

Acq: 08 Oct 2025 09:34

Instrument :

MSVOA\_N

ClientSampleId :

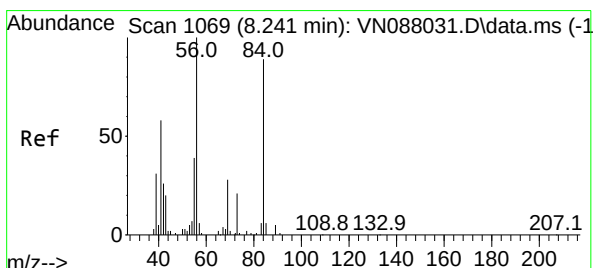
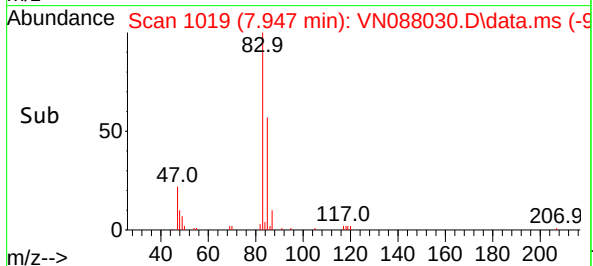
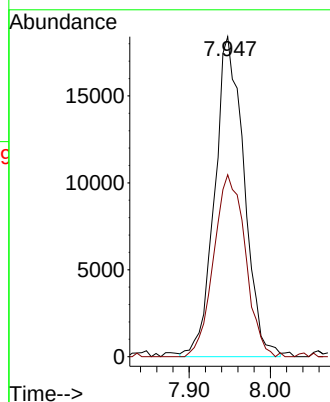
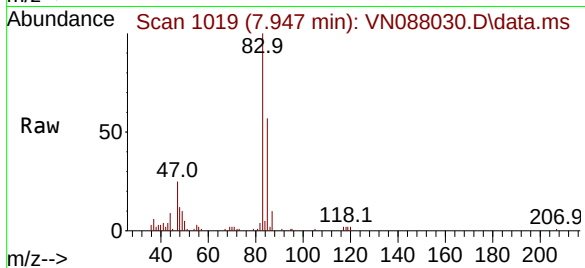
VSTDICC005

Tgt Ion: 83 Resp: 46137

Ion Ratio Lower Upper

83 100

85 57.4 50.9 76.3



#26

Cyclohexane

Concen: 5.075 ug/l

RT: 8.241 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VN088030.D

Acq: 08 Oct 2025 09:34

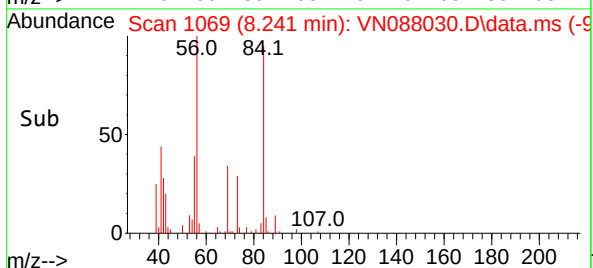
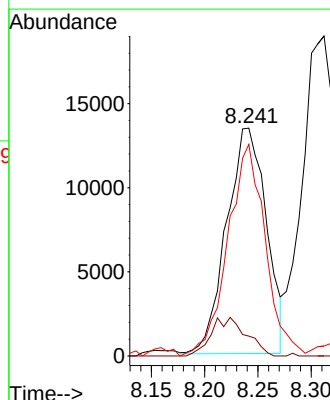
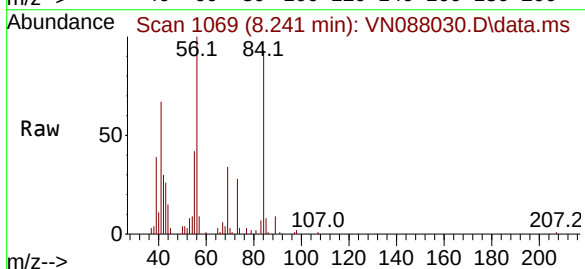
Tgt Ion: 56 Resp: 34857

Ion Ratio Lower Upper

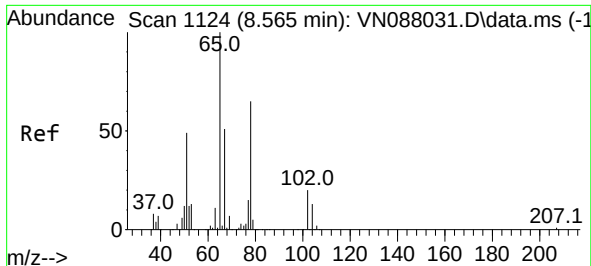
56 100

89 6.6 8.6 12.8#

84 88.0 69.6 104.4



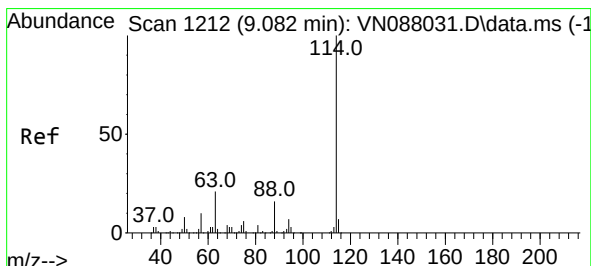
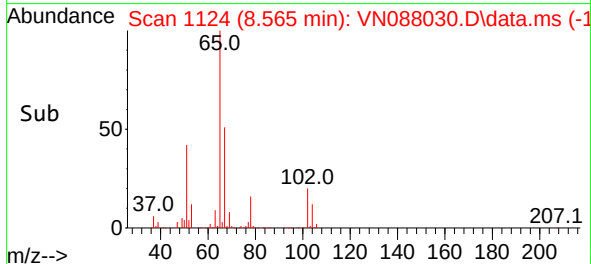
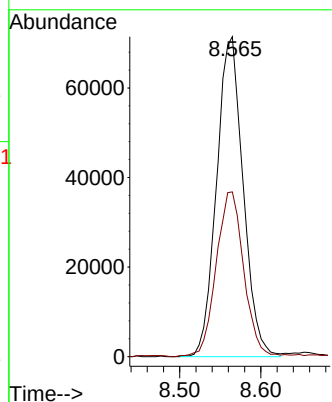
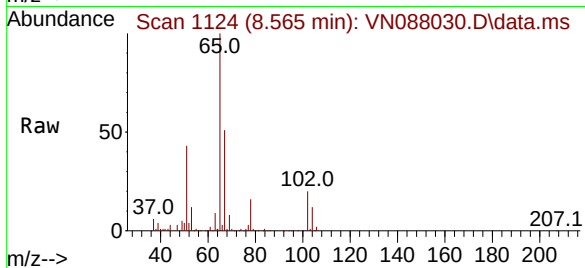




#27  
 1,2-Dichloroethane-d4  
 Concen: 29.577 ug/l  
 RT: 8.565 min Scan# 1124  
 Delta R.T. 0.000 min  
 Lab File: VN088030.D  
 Acq: 08 Oct 2025 09:34

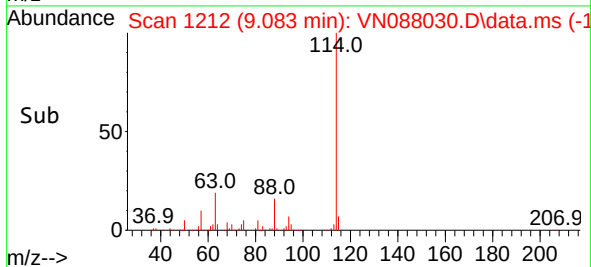
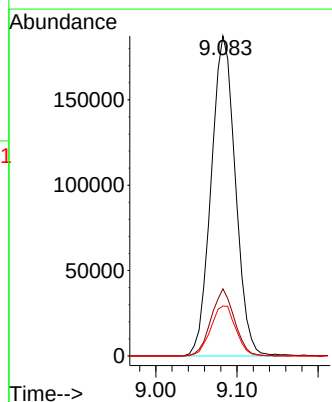
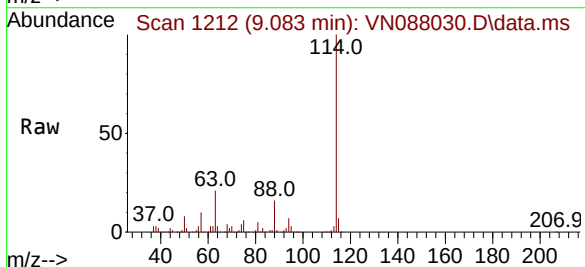
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

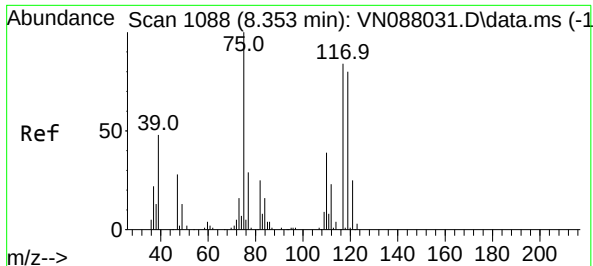
Tgt Ion: 65 Resp: 162371  
 Ion Ratio Lower Upper  
 65 100  
 67 53.4 41.9 62.9



#28  
 1,4-Difluorobenzene  
 Concen: 30.000 ug/l  
 RT: 9.083 min Scan# 1212  
 Delta R.T. 0.000 min  
 Lab File: VN088030.D  
 Acq: 08 Oct 2025 09:34

Tgt Ion: 114 Resp: 388491  
 Ion Ratio Lower Upper  
 114 100  
 63 20.2 16.6 25.0  
 88 16.2 12.6 18.8

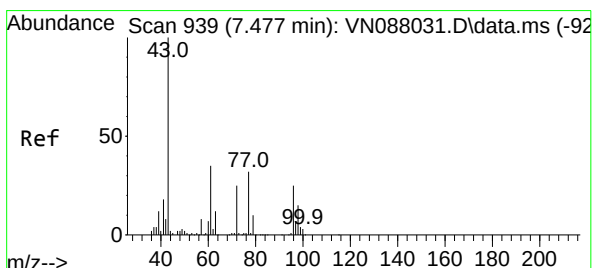
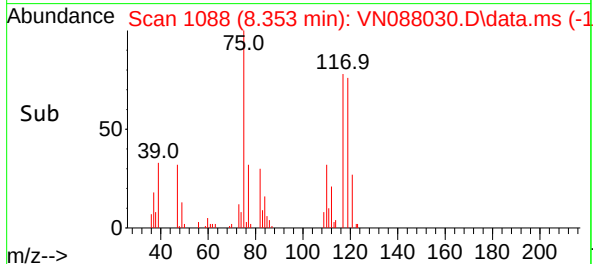
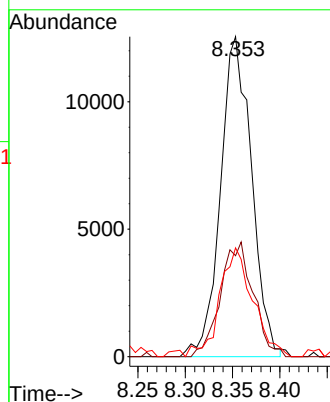
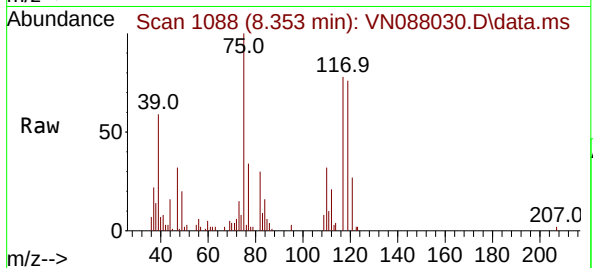




#29  
1,1-Dichloropropene  
Concen: 5.145 ug/l  
RT: 8.353 min Scan# 1088  
Delta R.T. 0.000 min  
Lab File: VN088030.D  
Acq: 08 Oct 2025 09:34

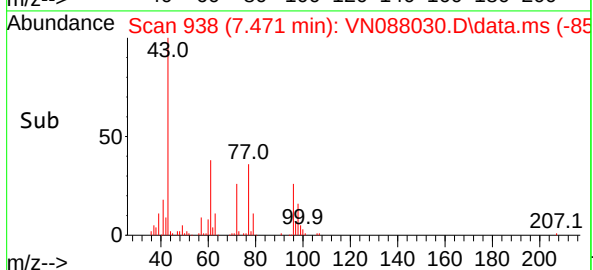
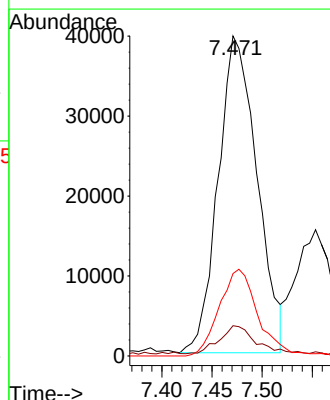
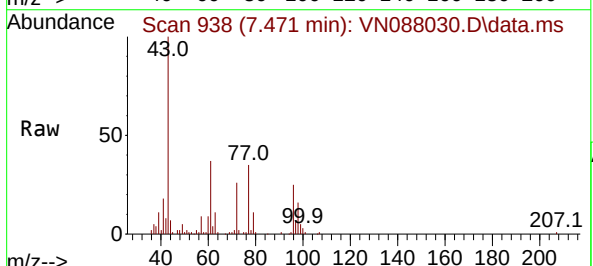
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

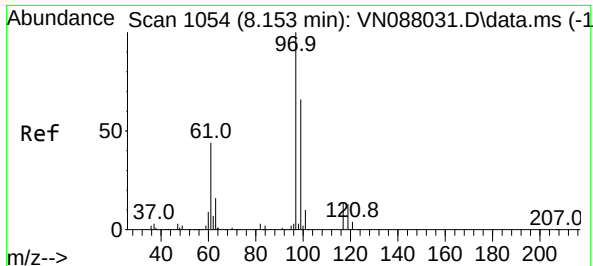
Tgt Ion: 75 Resp: 28652  
Ion Ratio Lower Upper  
75 100  
110 37.3 0.0 72.2  
77 35.3 0.0 60.6



#30  
2-Butanone  
Concen: 25.994 ug/l  
RT: 7.471 min Scan# 938  
Delta R.T. -0.006 min  
Lab File: VN088030.D  
Acq: 08 Oct 2025 09:34

Tgt Ion: 43 Resp: 106757  
Ion Ratio Lower Upper  
43 100  
57 8.6 6.5 9.7  
72 26.7 21.4 32.2





#32

1,1,1-Trichloroethane

Concen: 5.248 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088030.D

Acq: 08 Oct 2025 09:34

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

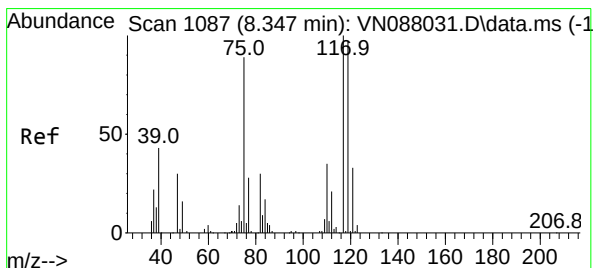
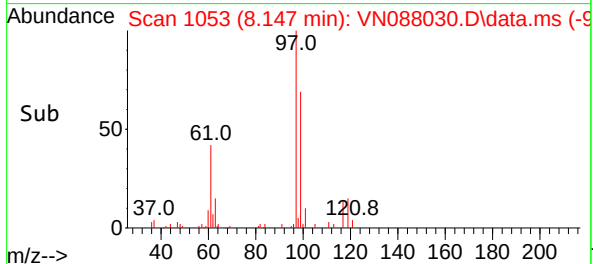
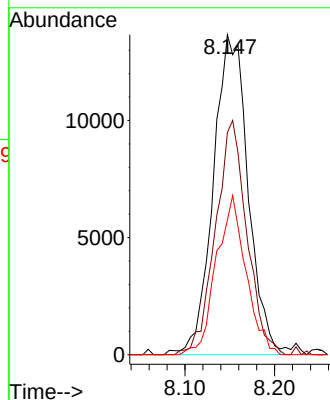
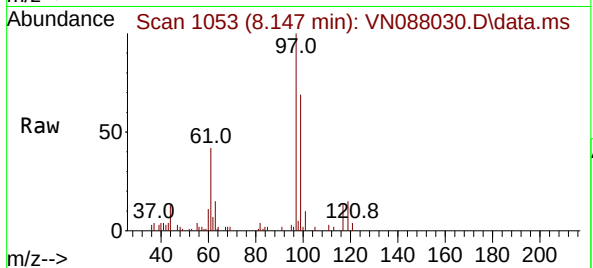
Tgt Ion: 97 Resp: 36518

Ion Ratio Lower Upper

97 100

99 66.2 51.4 77.2

61 42.9 34.7 52.1



#33

Carbon Tetrachloride

Concen: 5.072 ug/l

RT: 8.347 min Scan# 1087

Delta R.T. 0.000 min

Lab File: VN088030.D

Acq: 08 Oct 2025 09:34

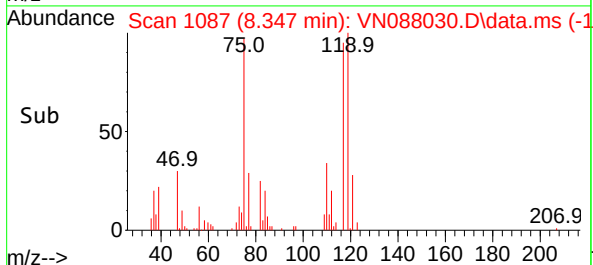
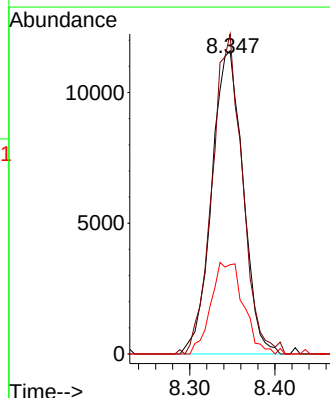
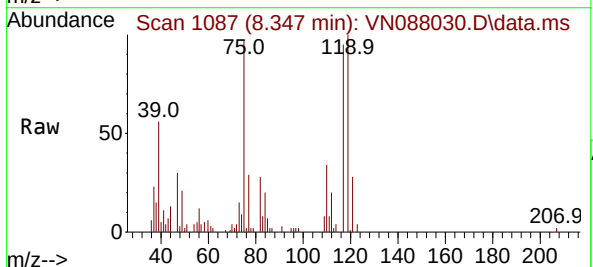
Tgt Ion: 117 Resp: 29564

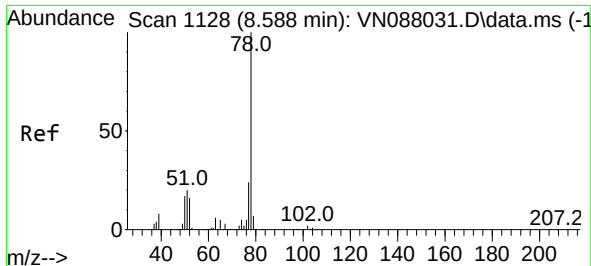
Ion Ratio Lower Upper

117 100

119 104.1 77.9 116.9

121 29.5 26.4 39.6





#34

Benzene

Concen: 5.226 ug/l

RT: 8.583 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN088030.D

Acq: 08 Oct 2025 09:34

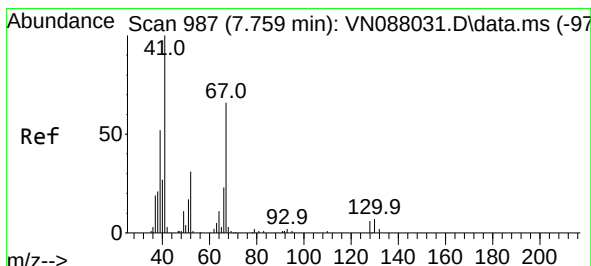
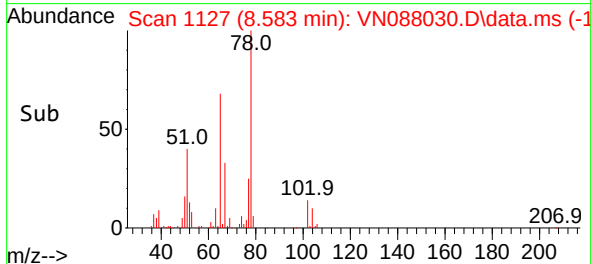
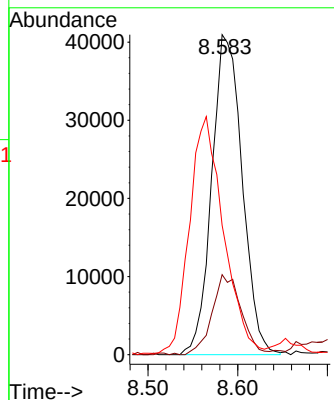
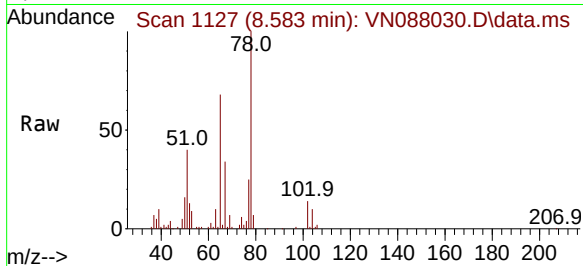
Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 78    | Resp: | 96524 |
| Ion      | Ratio | Lower | Upper |
| 78       | 100   |       |       |
| 77       | 25.0  | 18.9  | 28.3  |
| 51       | 36.9  | 15.6  | 23.4  |



#35

Methacrylonitrile

Concen: 5.236 ug/l

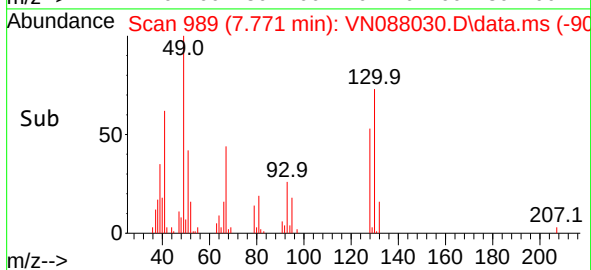
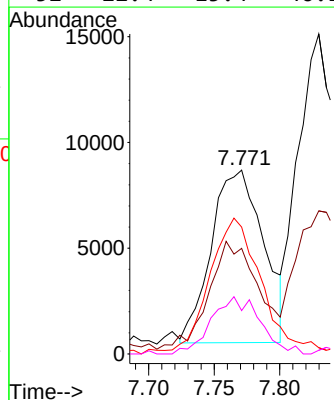
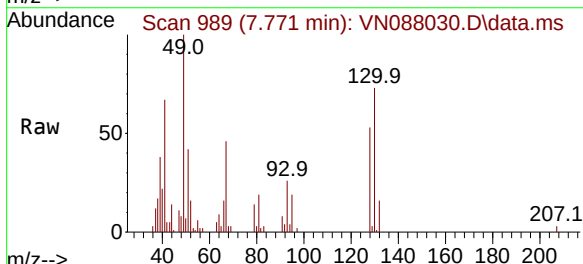
RT: 7.771 min Scan# 989

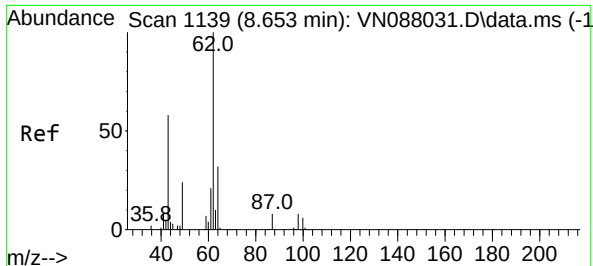
Delta R.T. 0.012 min

Lab File: VN088030.D

Acq: 08 Oct 2025 09:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 22614 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 51.4  | 26.1  | 78.3  |
| 67       | 69.3  | 33.1  | 99.2  |
| 52       | 22.4  | 15.4  | 46.1  |

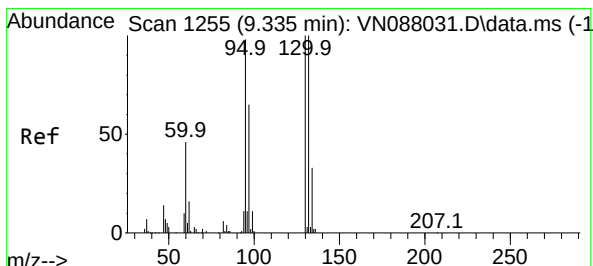
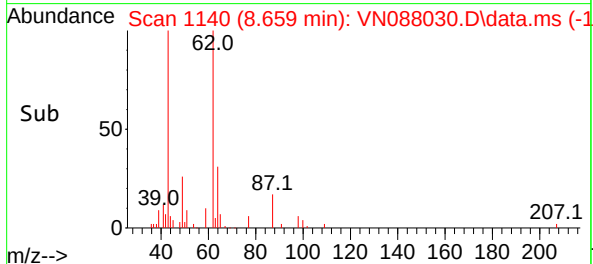
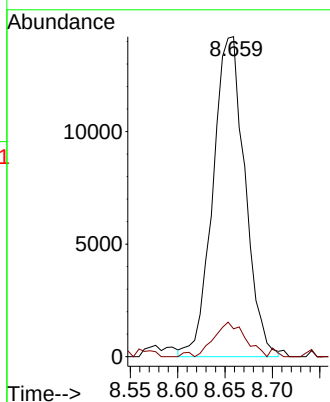
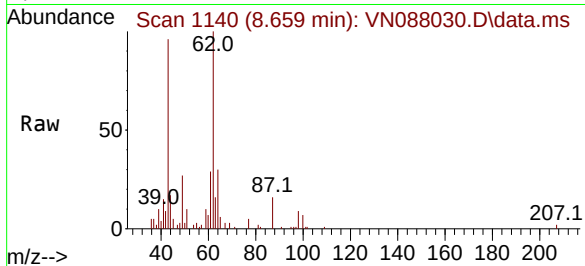




#36  
1,2-Dichloroethane  
Concen: 5.220 ug/l  
RT: 8.659 min Scan# 1140  
Delta R.T. 0.006 min  
Lab File: VN088030.D  
Acq: 08 Oct 2025 09:34

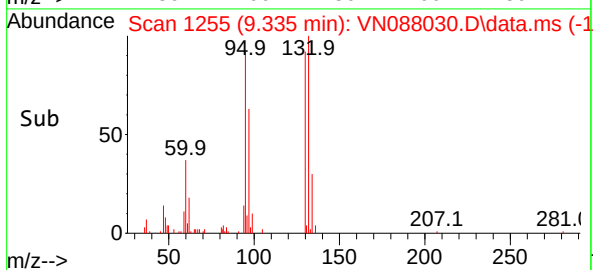
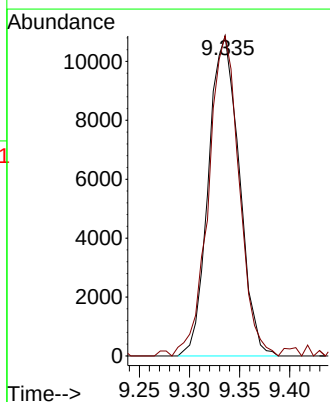
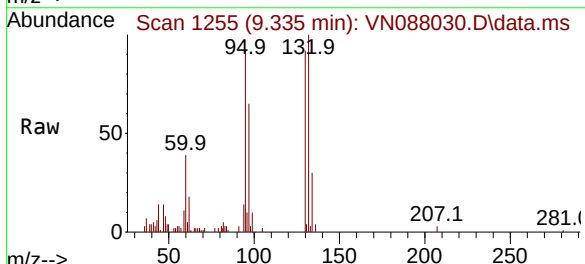
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC005

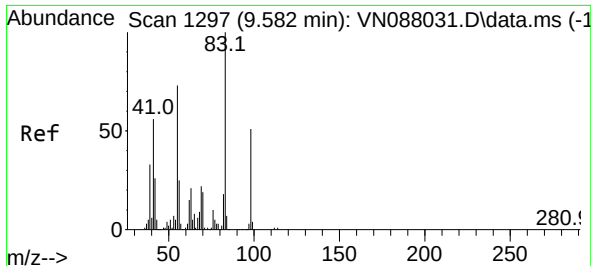
Tgt Ion: 62 Resp: 33473  
Ion Ratio Lower Upper  
62 100  
98 10.3 7.8 11.6



#37  
Trichloroethene  
Concen: 5.302 ug/l  
RT: 9.335 min Scan# 1255  
Delta R.T. 0.000 min  
Lab File: VN088030.D  
Acq: 08 Oct 2025 09:34

Tgt Ion:130 Resp: 23203  
Ion Ratio Lower Upper  
130 100  
95 100.0 78.7 118.1

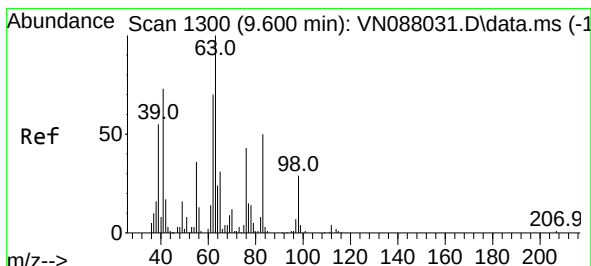
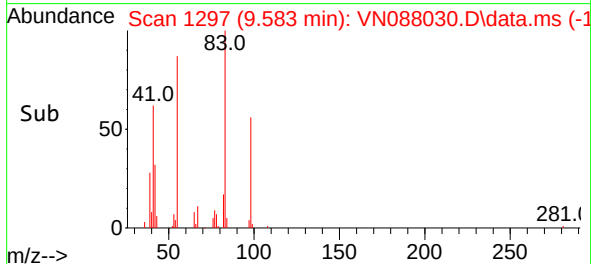
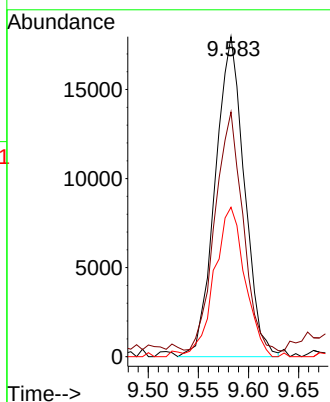
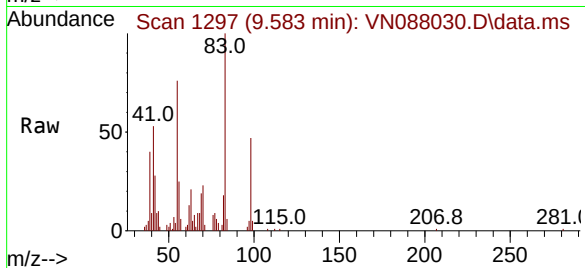




#38  
Methylcyclohexane  
Concen: 5.272 ug/l  
RT: 9.583 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN088030.D  
Acq: 08 Oct 2025 09:34

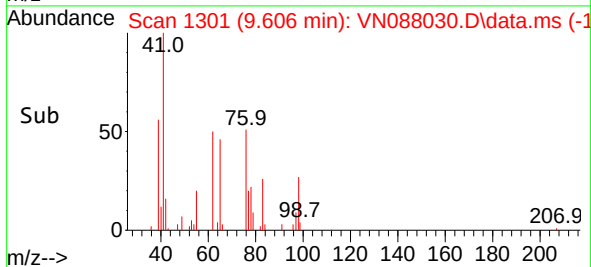
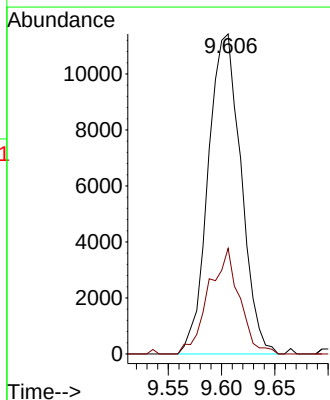
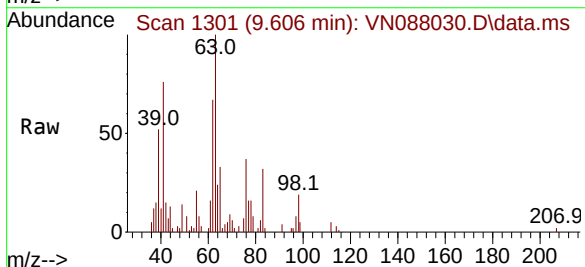
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

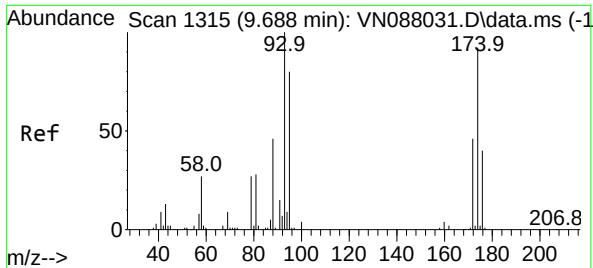
Tgt Ion: 83 Resp: 36254  
Ion Ratio Lower Upper  
83 100  
55 71.6 37.3 111.9  
98 48.8 25.4 76.0



#39  
1,2-Dichloropropane  
Concen: 5.296 ug/l  
RT: 9.606 min Scan# 1301  
Delta R.T. 0.006 min  
Lab File: VN088030.D  
Acq: 08 Oct 2025 09:34

Tgt Ion: 63 Resp: 24526  
Ion Ratio Lower Upper  
63 100  
65 33.0 25.0 37.6

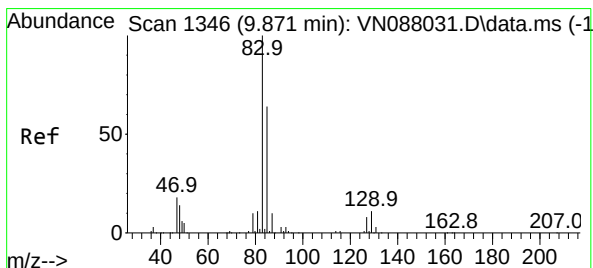
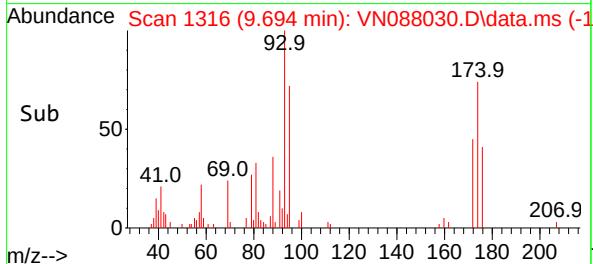
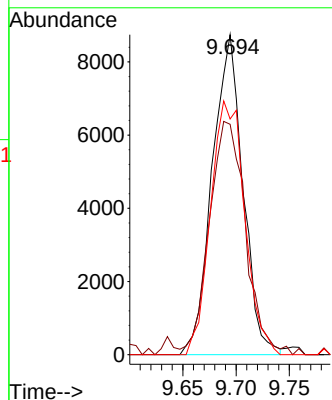
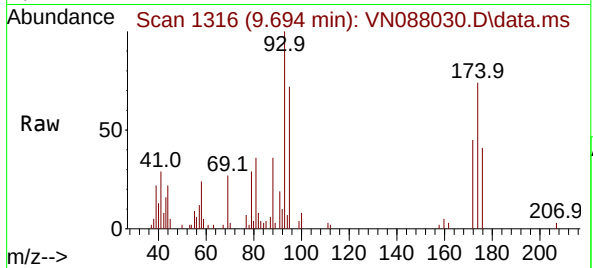




#40  
Dibromomethane  
Concen: 5.194 ug/l  
RT: 9.694 min Scan# 1316  
Delta R.T. 0.006 min  
Lab File: VN088030.D  
Acq: 08 Oct 2025 09:34

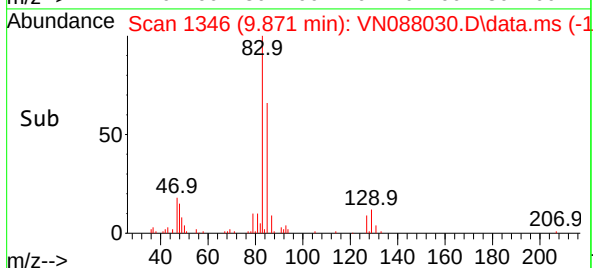
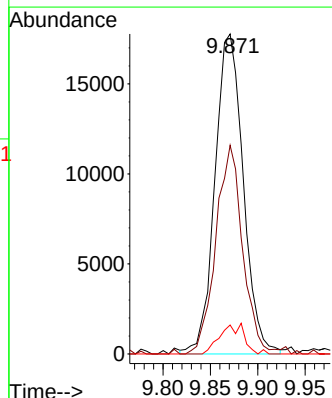
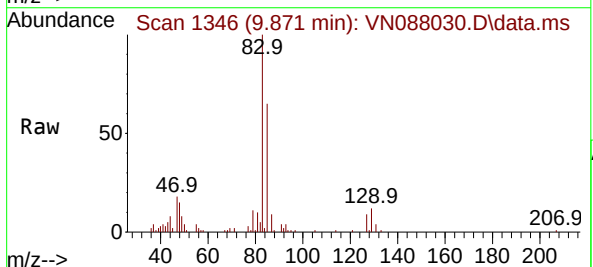
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

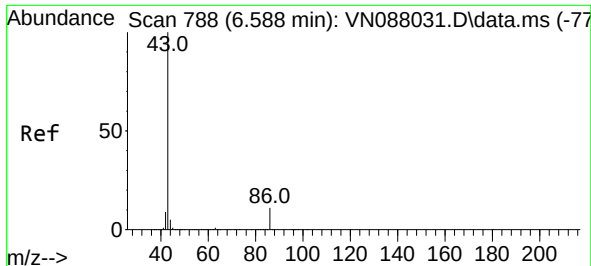
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 17510 |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 95       | 85.3  | 0.0   | 158.6 |
| 174      | 88.3  | 0.0   | 180.8 |



#41  
Bromodichloromethane  
Concen: 5.370 ug/l  
RT: 9.871 min Scan# 1346  
Delta R.T. 0.000 min  
Lab File: VN088030.D  
Acq: 08 Oct 2025 09:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 36971 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 66.0  | 51.0  | 76.4  |
| 127      | 9.2   | 6.1   | 9.1#  |

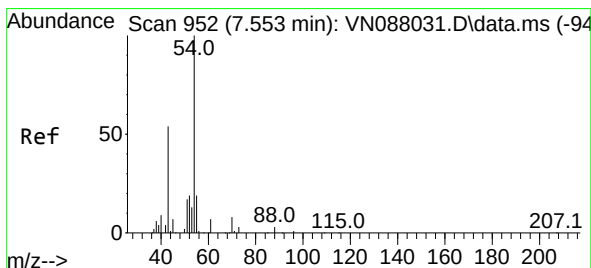
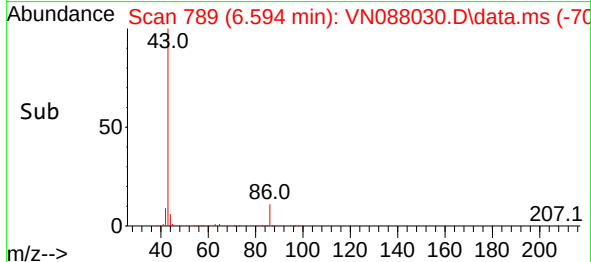
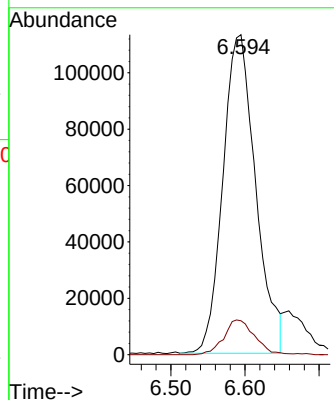
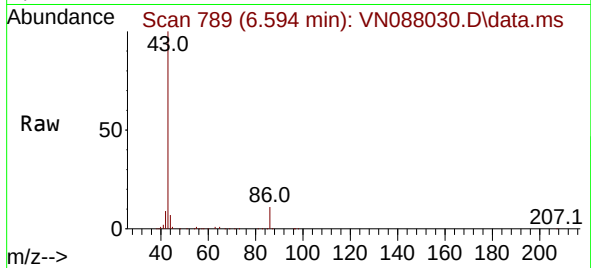




#42  
 Vinyl Acetate  
 Concen: 24.837 ug/l  
 RT: 6.594 min Scan# 789  
 Delta R.T. 0.006 min  
 Lab File: VN088030.D  
 Acq: 08 Oct 2025 09:34

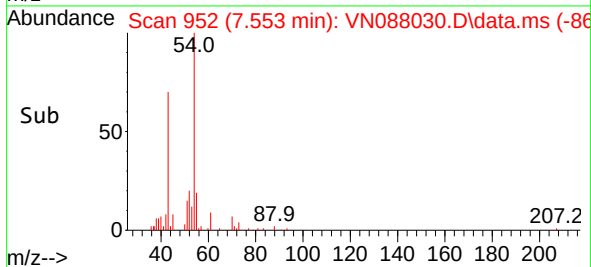
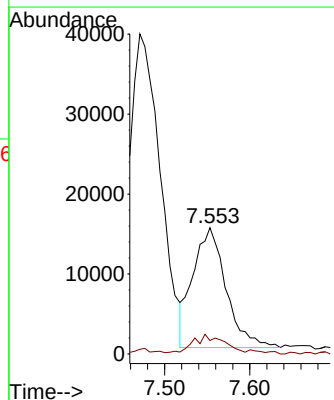
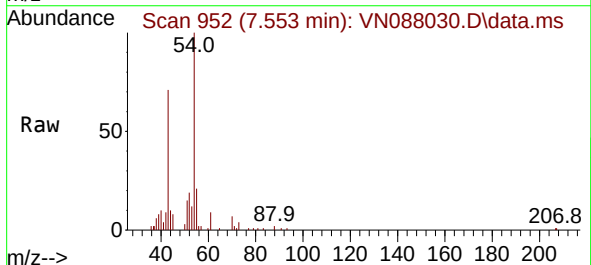
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

Tgt Ion: 43 Resp: 347500  
 Ion Ratio Lower Upper  
 43 100  
 86 10.2 8.4 12.6

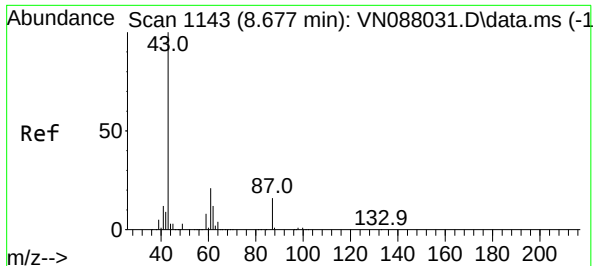


#43  
 Ethyl Acetate  
 Concen: 5.141 ug/l  
 RT: 7.553 min Scan# 952  
 Delta R.T. 0.000 min  
 Lab File: VN088030.D  
 Acq: 08 Oct 2025 09:34

Tgt Ion: 43 Resp: 40587  
 Ion Ratio Lower Upper  
 43 100  
 45 1.4 10.2 15.4#



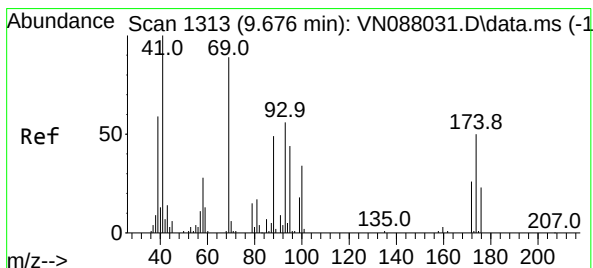
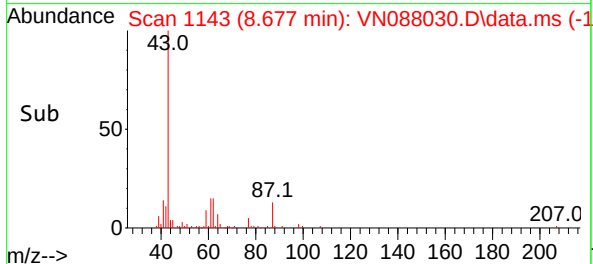
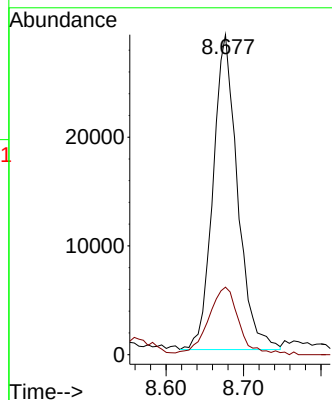
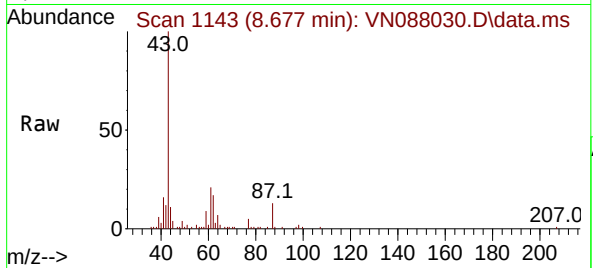




#44  
Isopropyl Acetate  
Concen: 4.961 ug/l  
RT: 8.677 min Scan# 1143  
Delta R.T. 0.000 min  
Lab File: VN088030.D  
Acq: 08 Oct 2025 09:34

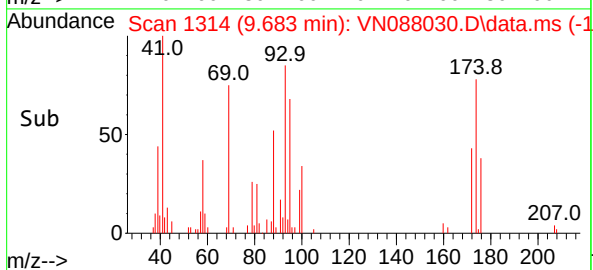
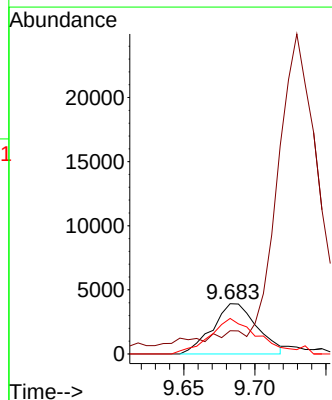
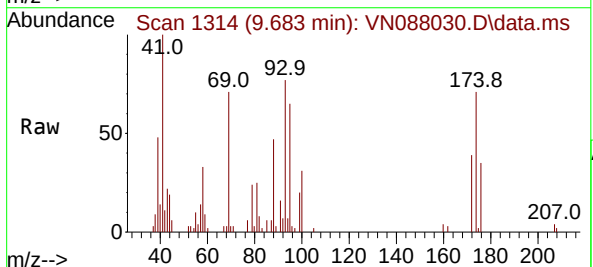
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

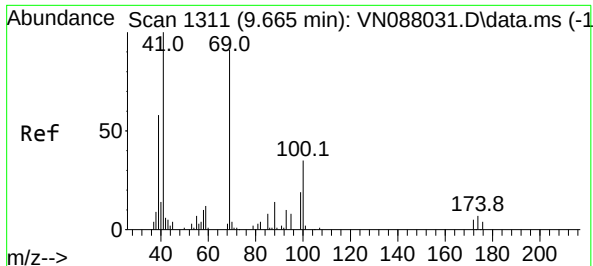
Tgt Ion: 43 Resp: 63965  
Ion Ratio Lower Upper  
43 100  
61 25.0 18.7 28.1



#45  
1,4-Dioxane  
Concen: 99.555 ug/l  
RT: 9.683 min Scan# 1314  
Delta R.T. 0.006 min  
Lab File: VN088030.D  
Acq: 08 Oct 2025 09:34

Tgt Ion: 88 Resp: 8538  
Ion Ratio Lower Upper  
88 100  
43 12.6 18.6 27.8#  
58 76.1 57.4 86.2





#46

Methyl methacrylate

Concen: 5.167 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VN088030.D

Acq: 08 Oct 2025 09:34

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

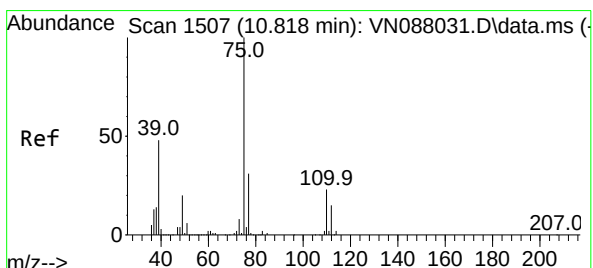
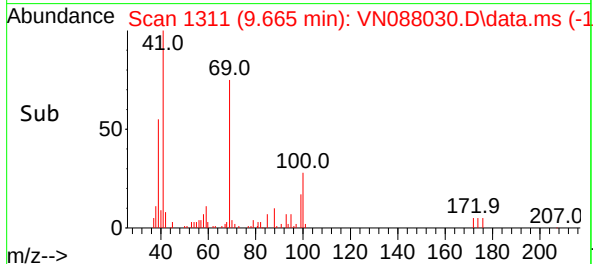
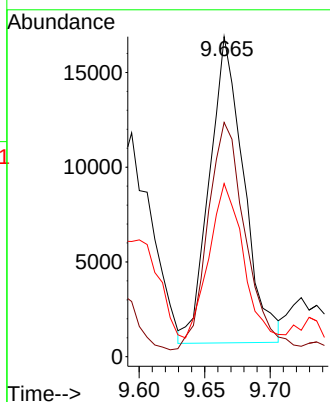
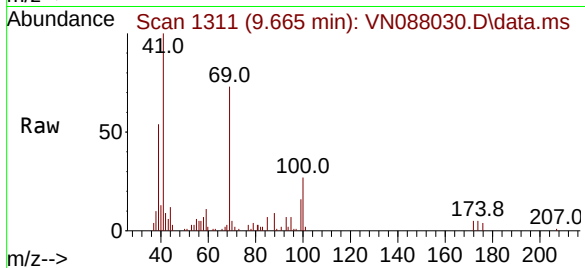
Tgt Ion: 41 Resp: 29344

Ion Ratio Lower Upper

41 100

69 76.9 44.9 134.7

39 51.4 30.3 90.8



#48

t-1,3-Dichloropropene

Concen: 4.966 ug/l

RT: 10.818 min Scan# 1507

Delta R.T. 0.000 min

Lab File: VN088030.D

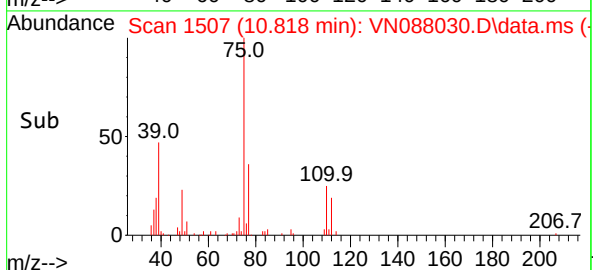
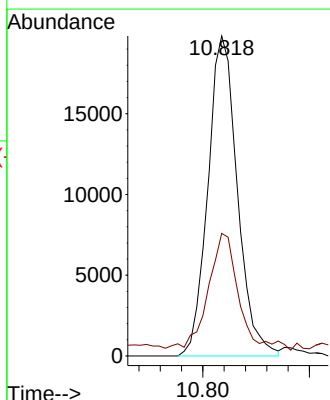
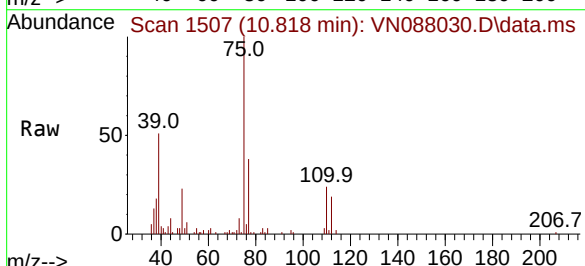
Acq: 08 Oct 2025 09:34

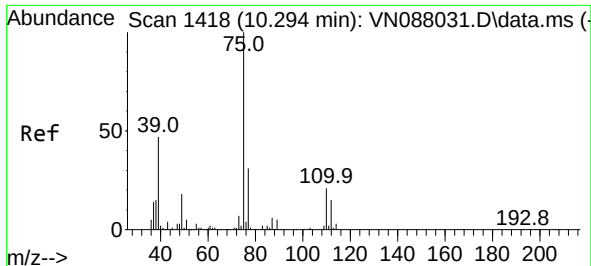
Tgt Ion: 75 Resp: 38023

Ion Ratio Lower Upper

75 100

77 34.5 24.5 36.7





#49

cis-1,3-Dichloropropene

Concen: 5.094 ug/l

RT: 10.294 min Scan# 1418

Delta R.T. 0.000 min

Lab File: VN088030.D

Acq: 08 Oct 2025 09:34

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

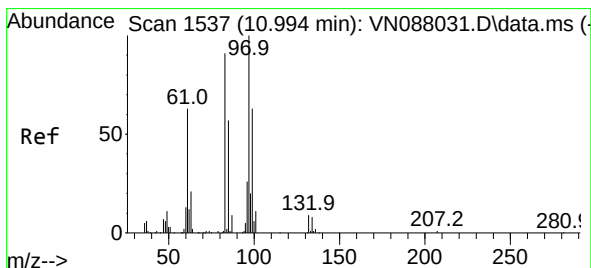
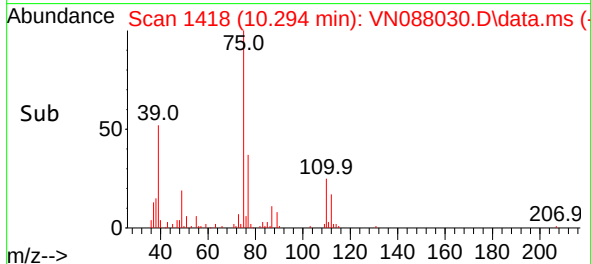
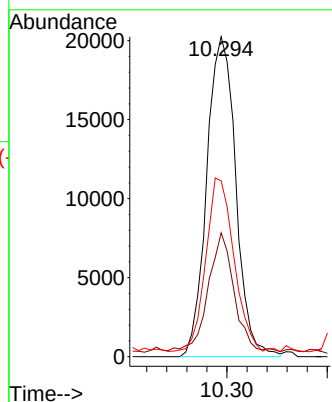
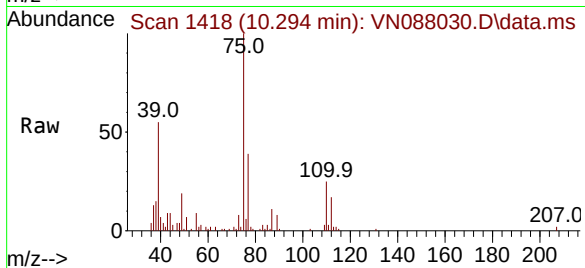
Tgt Ion: 75 Resp: 40685

Ion Ratio Lower Upper

75 100

77 37.1 25.0 37.4

39 53.3 37.4 56.0



#50

1,1,2-Trichloroethane

Concen: 5.302 ug/l

RT: 10.994 min Scan# 1537

Delta R.T. 0.000 min

Lab File: VN088030.D

Acq: 08 Oct 2025 09:34

Tgt Ion: 97 Resp: 23673

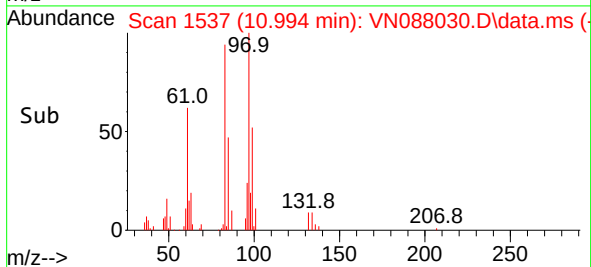
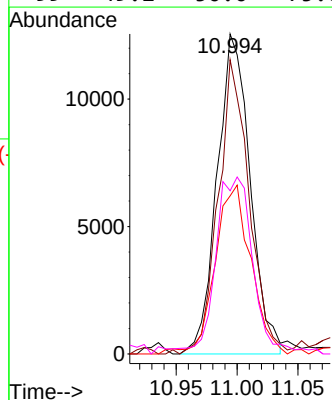
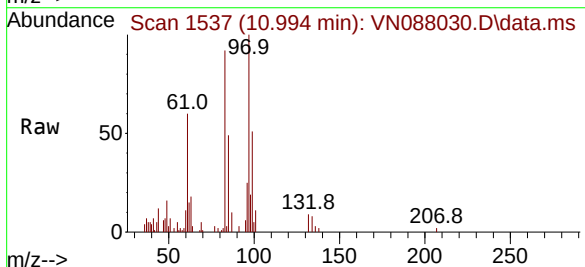
Ion Ratio Lower Upper

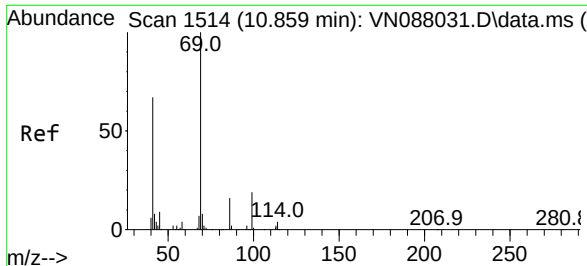
97 100

83 92.0 72.5 108.7

85 48.0 45.5 68.3

99 49.2 50.0 75.0#

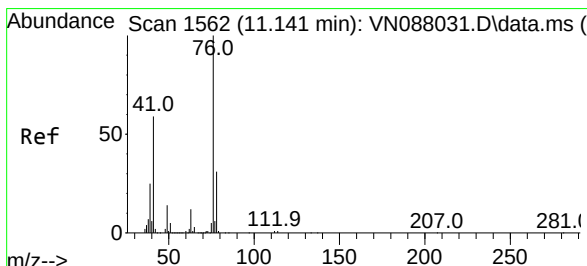
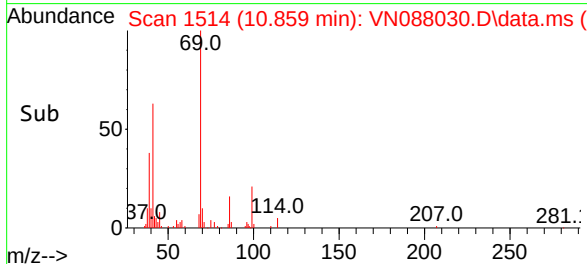
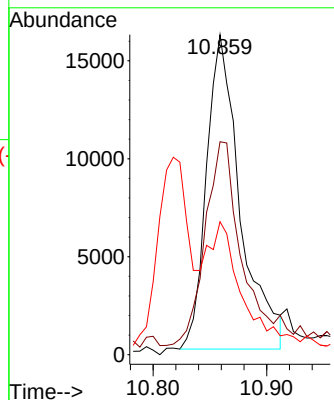
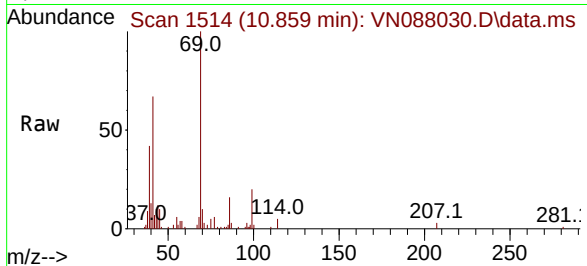




#51  
Ethyl methacrylate  
Concen: 4.388 ug/l  
RT: 10.859 min Scan# 1514  
Delta R.T. 0.000 min  
Lab File: VN088030.D  
Acq: 08 Oct 2025 09:34

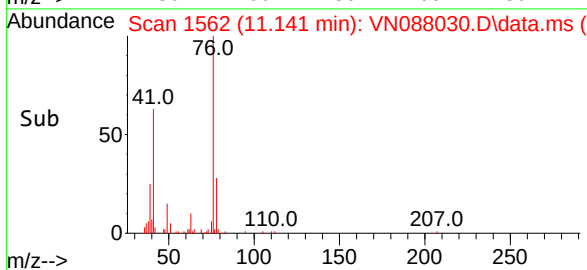
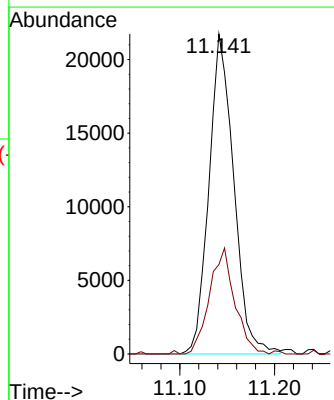
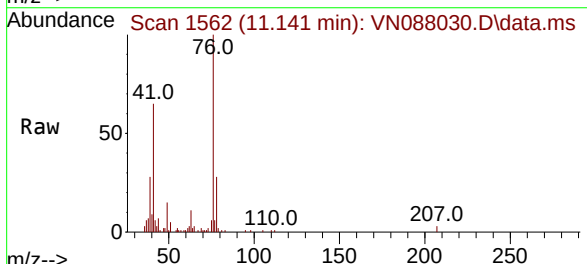
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC005

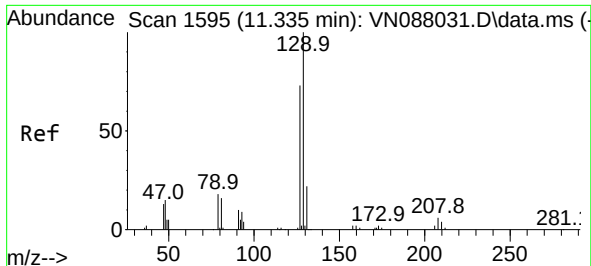
Tgt Ion: 69 Resp: 33154  
Ion Ratio Lower Upper  
69 100  
41 62.8 33.3 99.8  
39 36.3 20.3 61.0



#52  
1,3-Dichloropropane  
Concen: 5.084 ug/l  
RT: 11.141 min Scan# 1562  
Delta R.T. 0.000 min  
Lab File: VN088030.D  
Acq: 08 Oct 2025 09:34

Tgt Ion: 76 Resp: 39602  
Ion Ratio Lower Upper  
76 100  
78 33.7 0.0 65.0

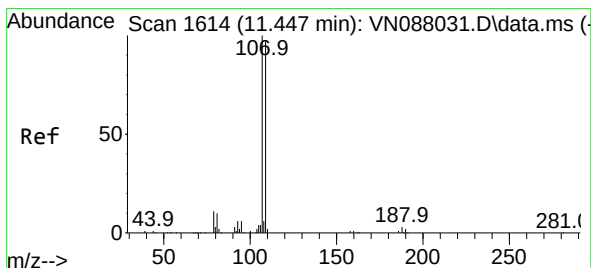
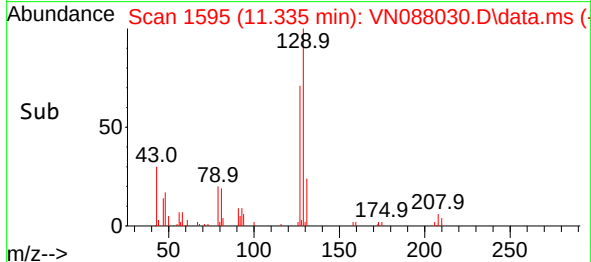
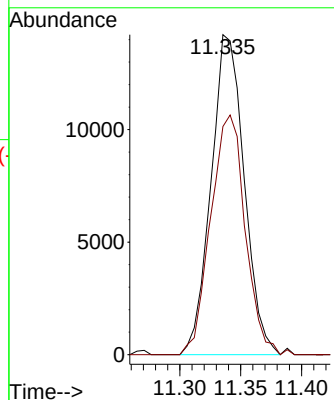
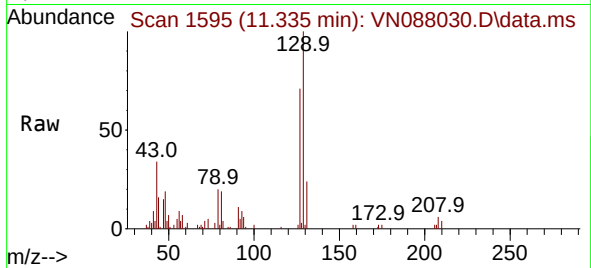




#53  
Dibromochloromethane  
Concen: 5.040 ug/l  
RT: 11.335 min Scan# 1595  
Delta R.T. 0.000 min  
Lab File: VN088030.D  
Acq: 08 Oct 2025 09:34

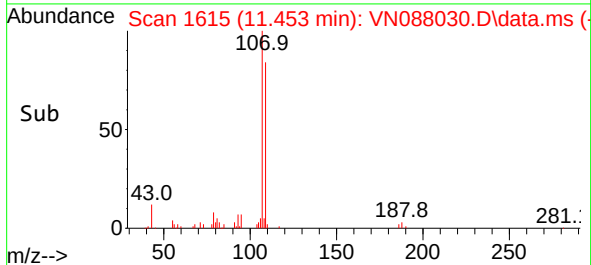
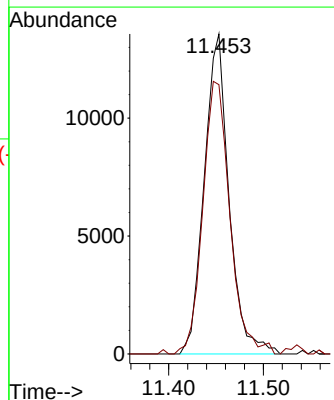
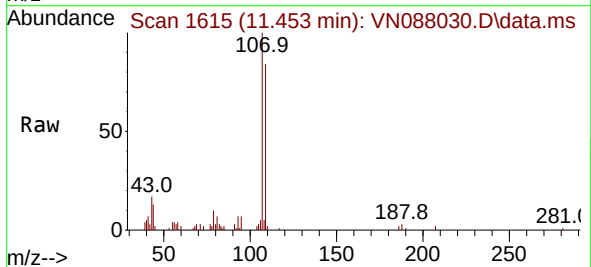
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

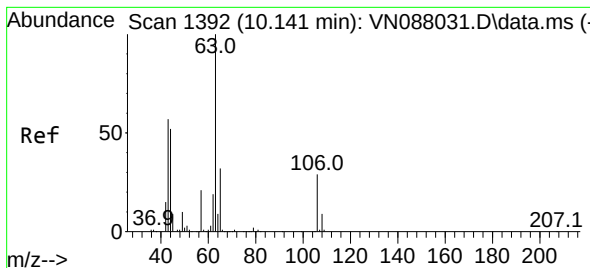
Tgt Ion:129 Resp: 26900  
Ion Ratio Lower Upper  
129 100  
127 77.8 39.1 117.3



#54  
1,2-Dibromoethane  
Concen: 5.174 ug/l  
RT: 11.453 min Scan# 1615  
Delta R.T. 0.006 min  
Lab File: VN088030.D  
Acq: 08 Oct 2025 09:34

Tgt Ion:107 Resp: 24696  
Ion Ratio Lower Upper  
107 100  
109 91.5 75.5 113.3

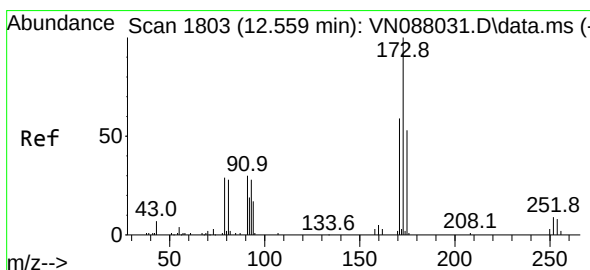
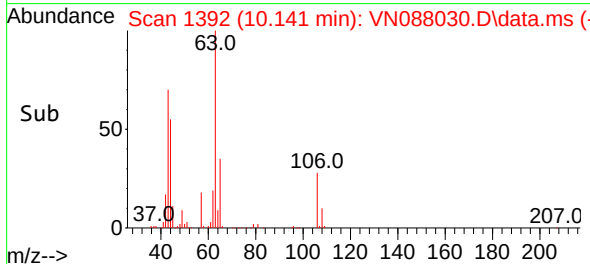
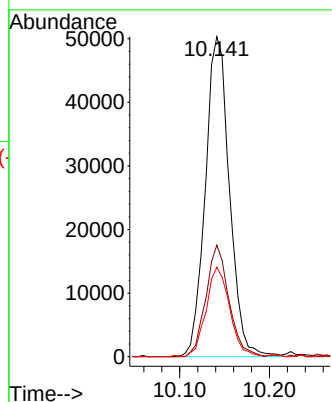
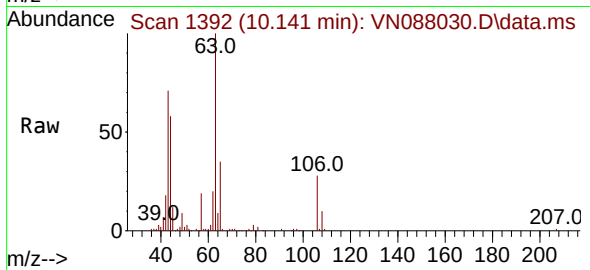




#55  
2-Chloroethyl vinyl ether  
Concen: 23.044 ug/l  
RT: 10.141 min Scan# 1392  
Delta R.T. 0.000 min  
Lab File: VN088030.D  
Acq: 08 Oct 2025 09:34

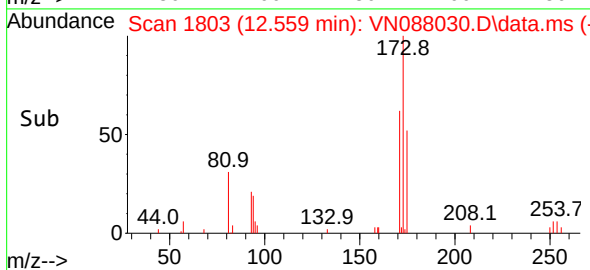
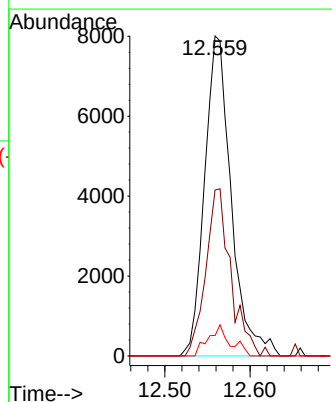
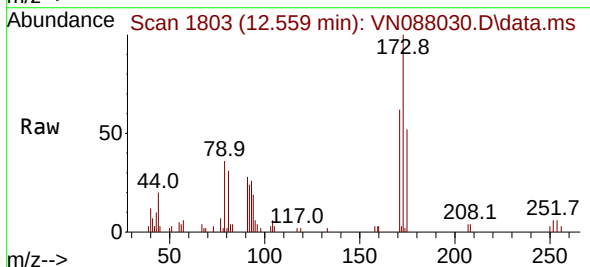
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC005

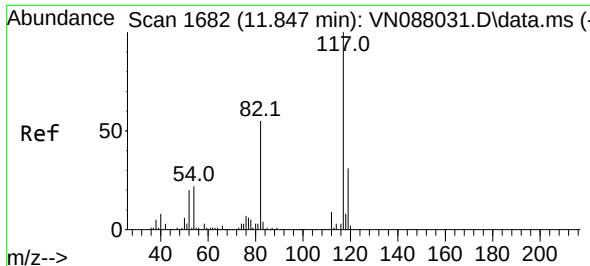
Tgt Ion: 63 Resp: 93982  
Ion Ratio Lower Upper  
63 100  
65 33.2 25.7 38.5  
106 27.3 22.6 34.0



#56  
Bromoform  
Concen: 4.820 ug/l  
RT: 12.559 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: VN088030.D  
Acq: 08 Oct 2025 09:34

Tgt Ion: 173 Resp: 17392  
Ion Ratio Lower Upper  
173 100  
175 43.3 39.6 59.4  
254 6.9 6.6 10.0

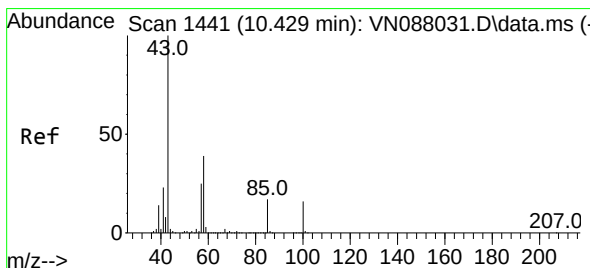
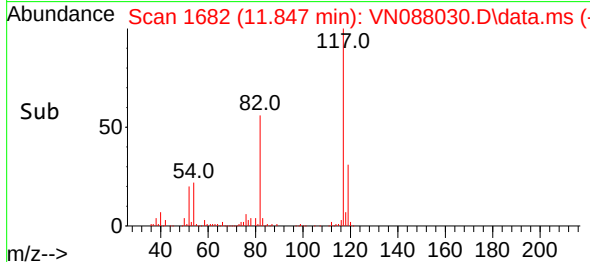
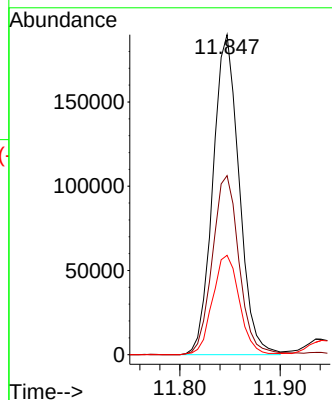
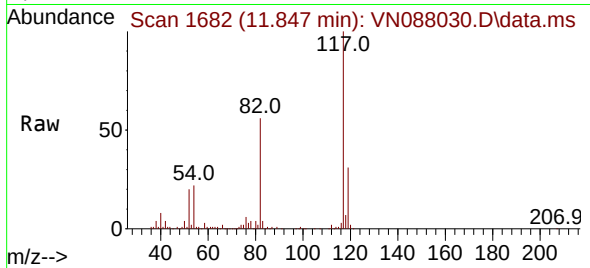




#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 11.847 min Scan# 1170  
Delta R.T. 0.000 min  
Lab File: VN088030.D  
Acq: 08 Oct 2025 09:34

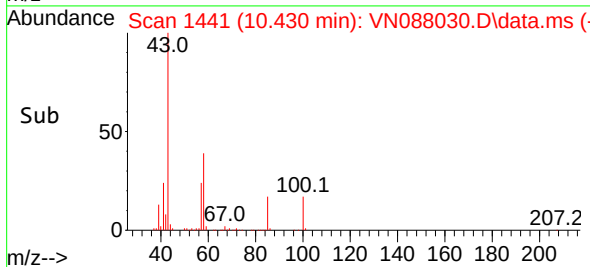
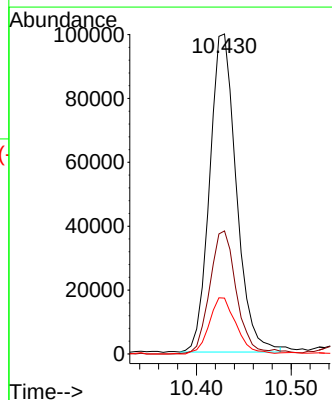
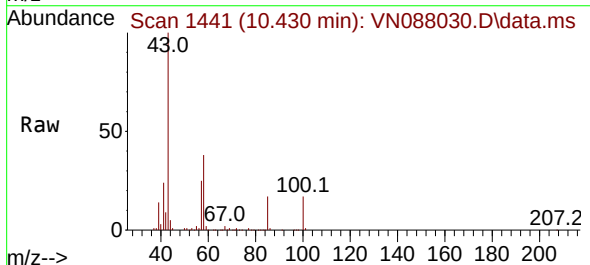
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC005

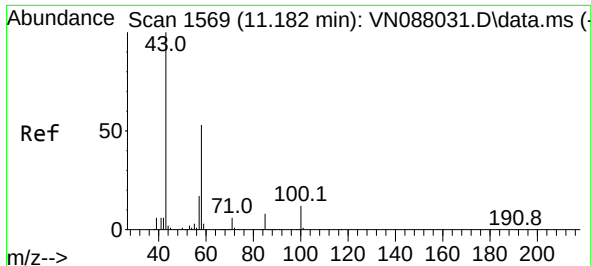
Tgt Ion:117 Resp: 345679  
Ion Ratio Lower Upper  
117 100  
82 57.2 45.2 67.8  
119 31.8 25.9 38.9



#58  
4-Methyl-2-Pentanone  
Concen: 25.289 ug/l  
RT: 10.430 min Scan# 1441  
Delta R.T. 0.000 min  
Lab File: VN088030.D  
Acq: 08 Oct 2025 09:34

Tgt Ion: 43 Resp: 195537  
Ion Ratio Lower Upper  
43 100  
58 38.3 31.2 46.8  
85 17.8 13.7 20.5

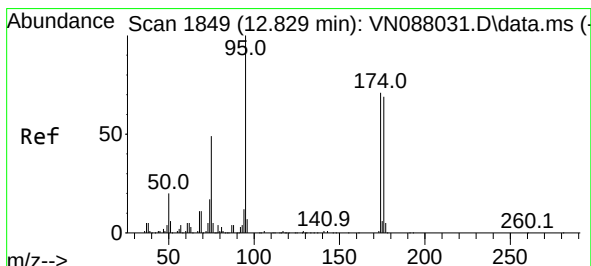
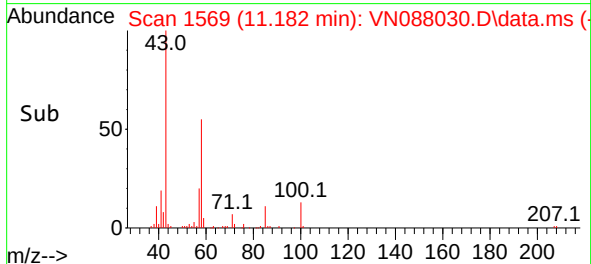
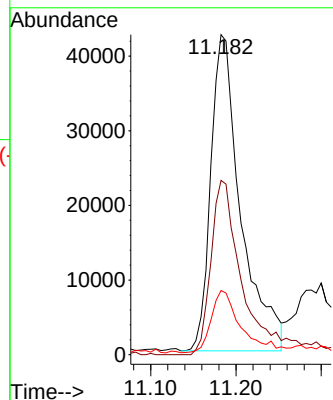
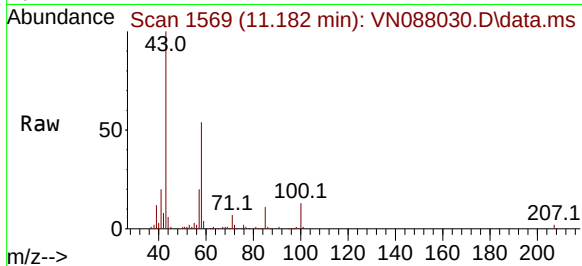




#59  
2-Hexanone  
Concen: 20.314 ug/l  
RT: 11.182 min Scan# 1569  
Delta R.T. 0.000 min  
Lab File: VN088030.D  
Acq: 08 Oct 2025 09:34

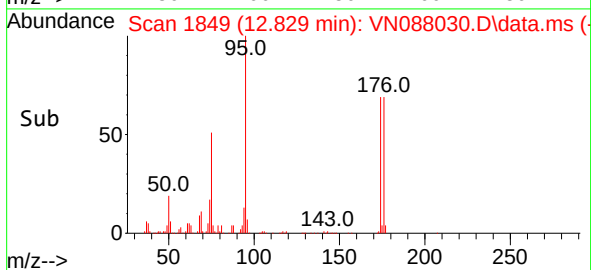
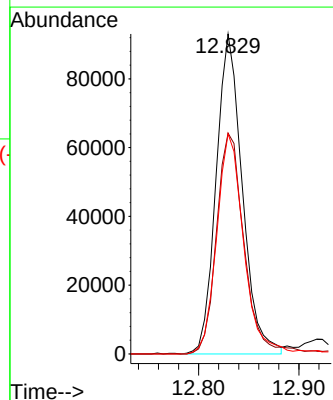
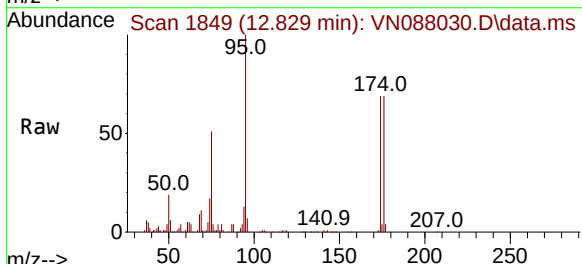
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tgt Ion: 43 Resp: 103702  
Ion Ratio Lower Upper  
43 100  
58 54.7 43.1 64.7  
57 18.3 14.6 21.8

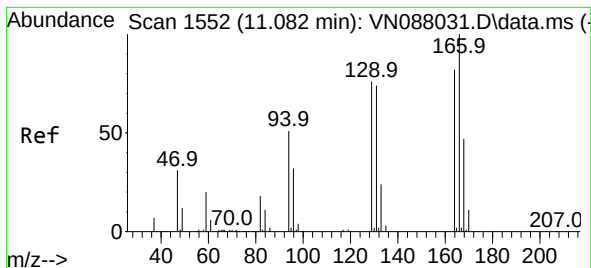


#60  
4-Bromofluorobenzene  
Concen: 29.574 ug/l  
RT: 12.829 min Scan# 1849  
Delta R.T. 0.000 min  
Lab File: VN088030.D  
Acq: 08 Oct 2025 09:34

Tgt Ion: 95 Resp: 168531  
Ion Ratio Lower Upper  
95 100  
174 72.7 57.4 86.0  
176 70.7 57.0 85.4







#61

Tetrachloroethene

Concen: 5.316 ug/l

RT: 11.088 min Scan# 1153

Delta R.T. 0.006 min

Lab File: VN088030.D

Acq: 08 Oct 2025 09:34

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

Tgt Ion:164 Resp: 18609

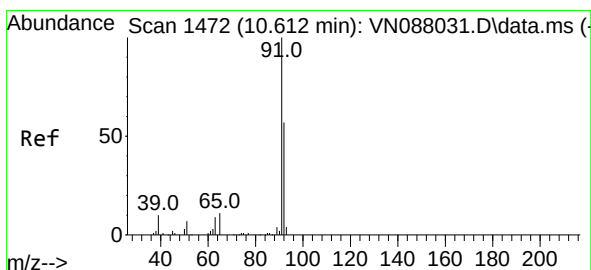
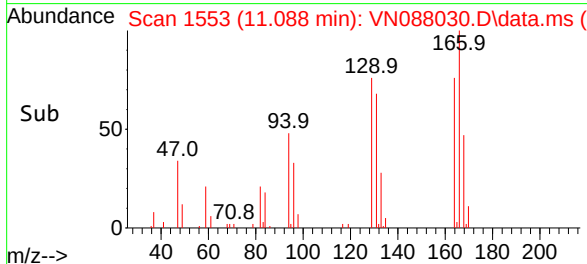
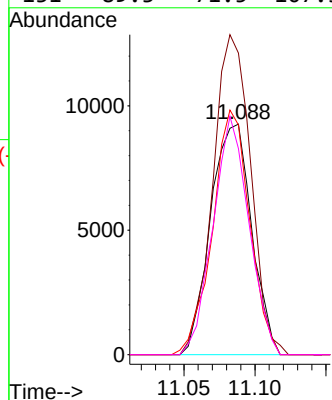
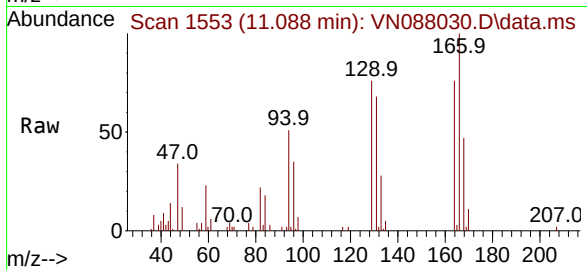
Ion Ratio Lower Upper

164 100

166 130.8 97.2 145.8

129 99.7 73.7 110.5

131 89.3 71.5 107.3



#62

Toluene

Concen: 5.276 ug/l

RT: 10.612 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VN088030.D

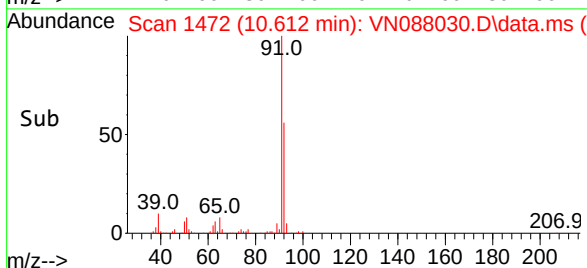
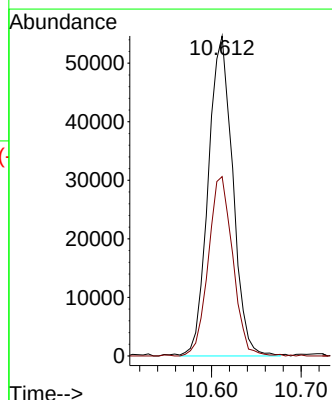
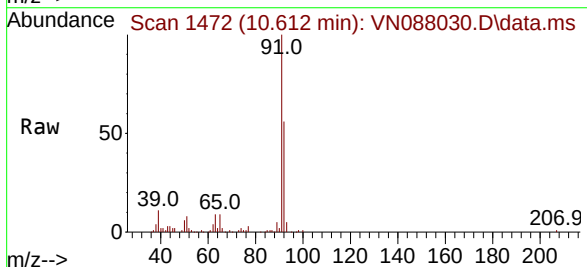
Acq: 08 Oct 2025 09:34

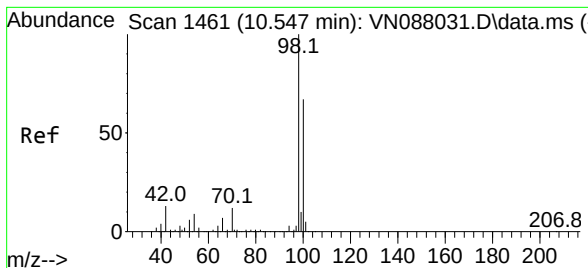
Tgt Ion: 91 Resp: 103446

Ion Ratio Lower Upper

91 100

92 56.0 45.8 68.8





#63

Toluene-d8

Concen: 30.170 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN088030.D

Acq: 08 Oct 2025 09:34

Instrument :

MSVOA\_N

ClientSampleId :

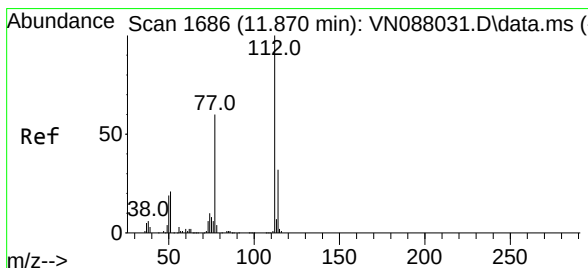
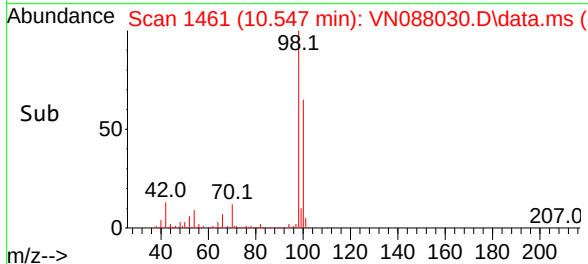
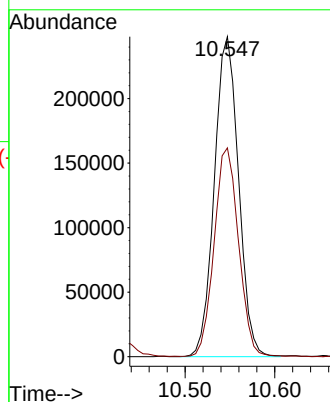
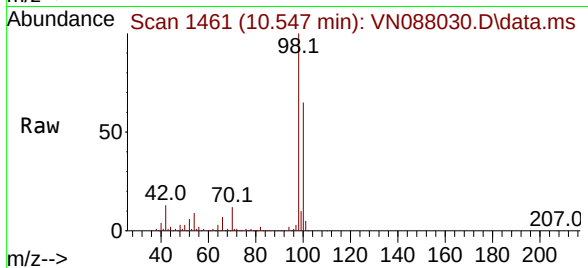
VSTDICC005

Tgt Ion: 98 Resp: 464668

Ion Ratio Lower Upper

98 100

100 65.6 53.1 79.7



#64

Chlorobenzene

Concen: 5.142 ug/l

RT: 11.871 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VN088030.D

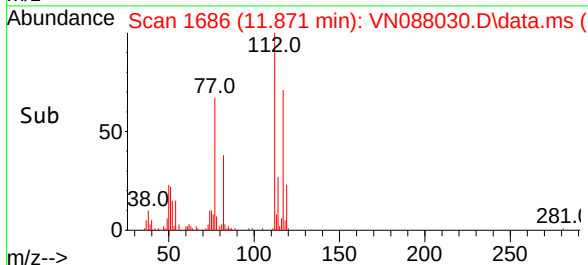
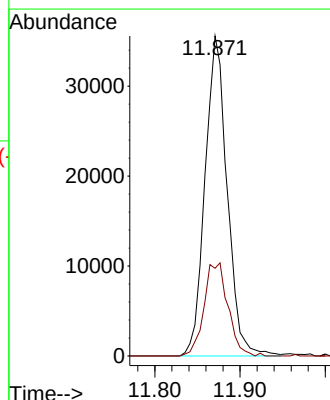
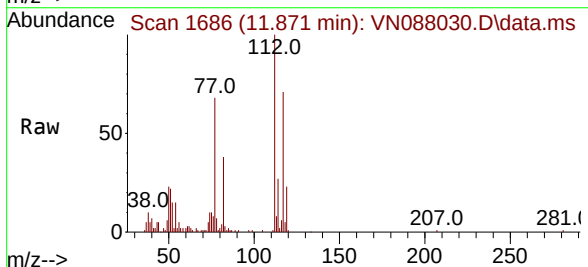
Acq: 08 Oct 2025 09:34

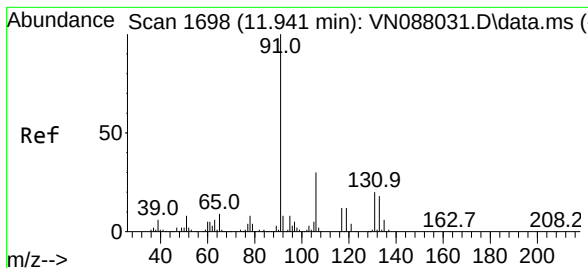
Tgt Ion: 112 Resp: 64403

Ion Ratio Lower Upper

112 100

114 27.4 25.7 38.5

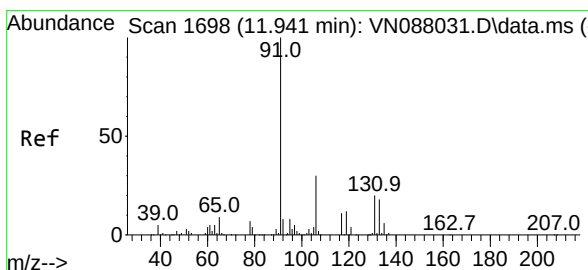
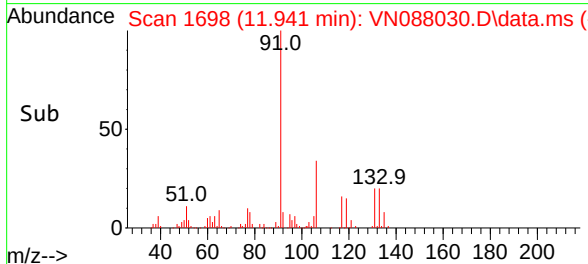
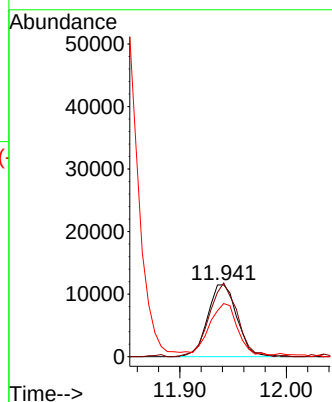
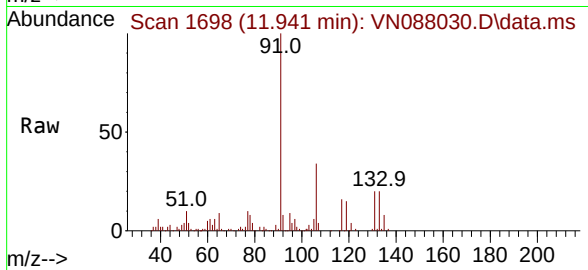




#65  
 1,1,1,2-Tetrachloroethane  
 Concen: 5.096 ug/l  
 RT: 11.941 min Scan# 1698  
 Delta R.T. 0.000 min  
 Lab File: VN088030.D  
 Acq: 08 Oct 2025 09:34

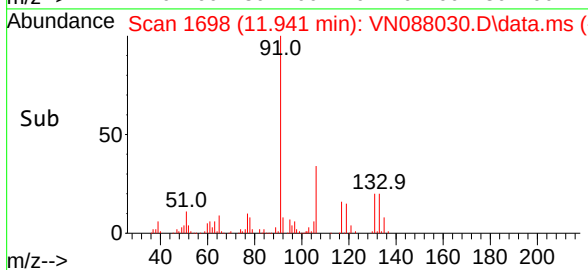
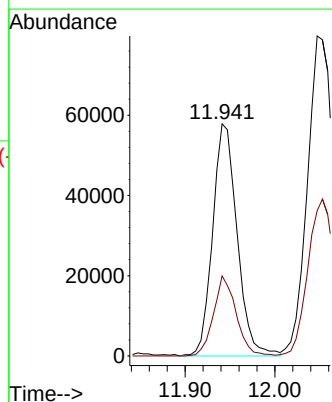
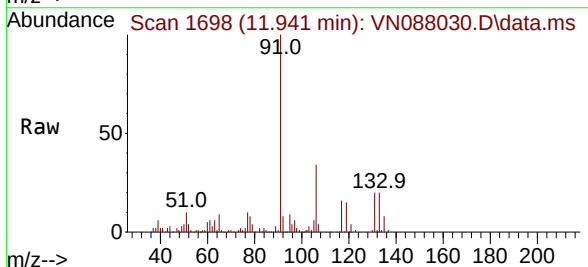
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

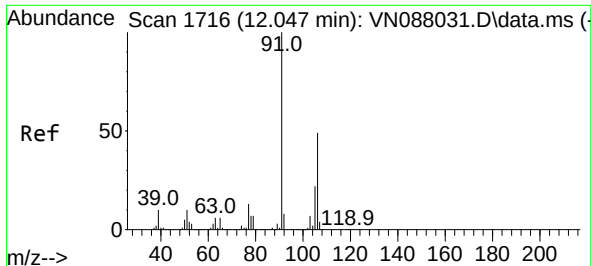
Tgt Ion:131 Resp: 21997  
 Ion Ratio Lower Upper  
 131 100  
 133 98.9 0.0 183.8  
 119 70.6 0.0 132.0



#66  
 Ethyl Benzene  
 Concen: 5.140 ug/l  
 RT: 11.941 min Scan# 1698  
 Delta R.T. 0.000 min  
 Lab File: VN088030.D  
 Acq: 08 Oct 2025 09:34

Tgt Ion: 91 Resp: 109599  
 Ion Ratio Lower Upper  
 91 100  
 106 34.5 24.0 36.0

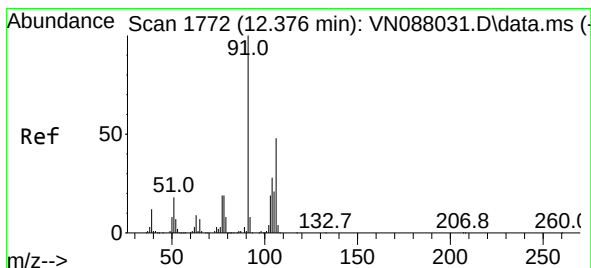
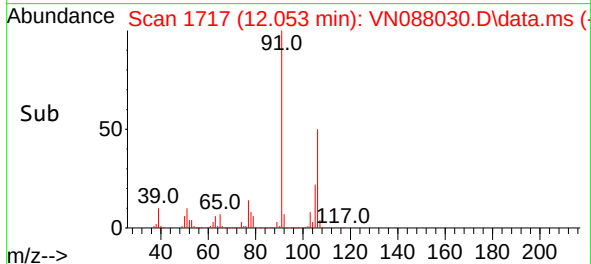
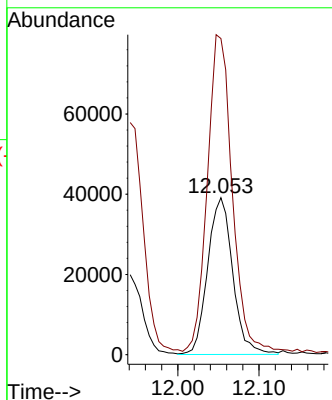
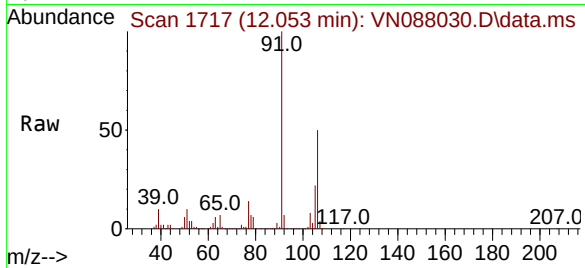




#67  
m/p-Xylenes  
Concen: 10.213 ug/l  
RT: 12.053 min Scan# 1717  
Delta R.T. 0.006 min  
Lab File: VN088030.D  
Acq: 08 Oct 2025 09:34

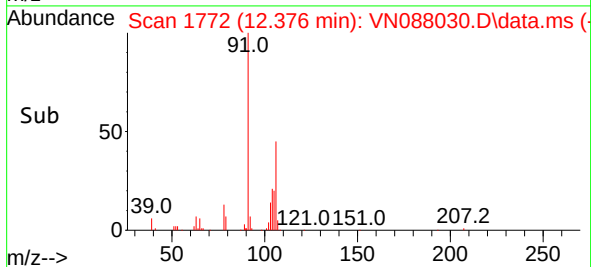
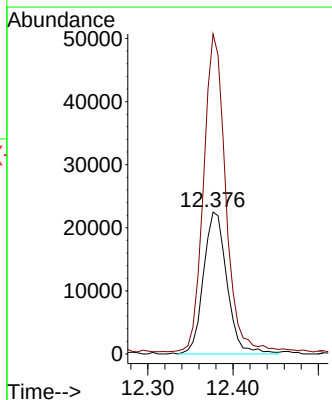
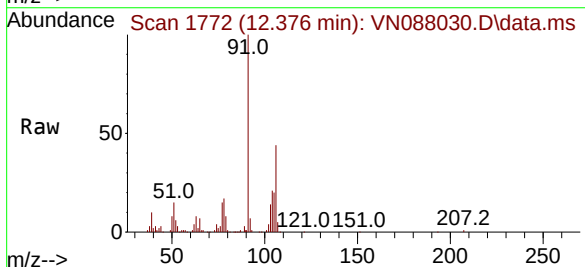
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

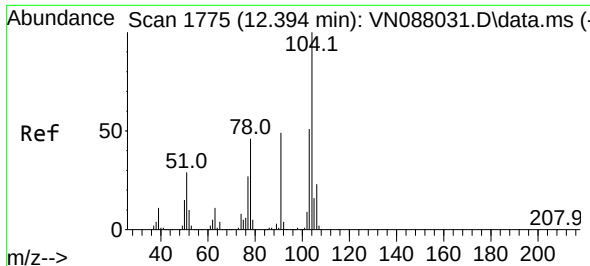
Tgt Ion:106 Resp: 83946  
Ion Ratio Lower Upper  
106 100  
91 201.4 161.4 242.0



#68  
o-Xylene  
Concen: 5.254 ug/l  
RT: 12.376 min Scan# 1772  
Delta R.T. 0.000 min  
Lab File: VN088030.D  
Acq: 08 Oct 2025 09:34

Tgt Ion:106 Resp: 42988  
Ion Ratio Lower Upper  
106 100  
91 207.6 105.2 315.6

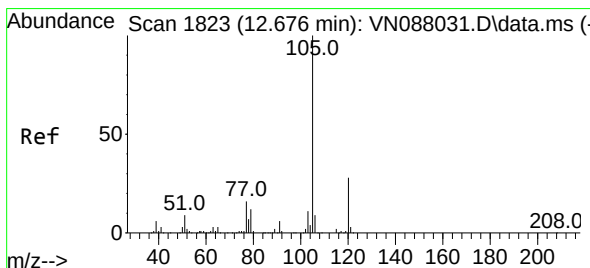
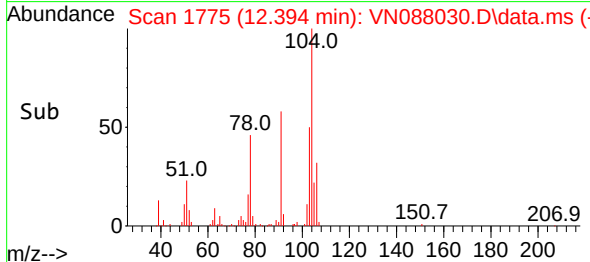
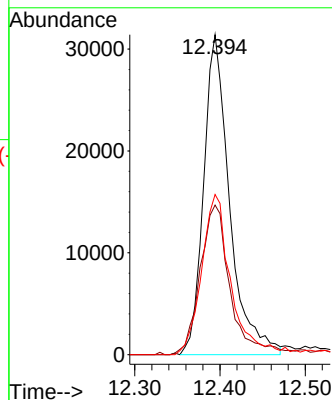
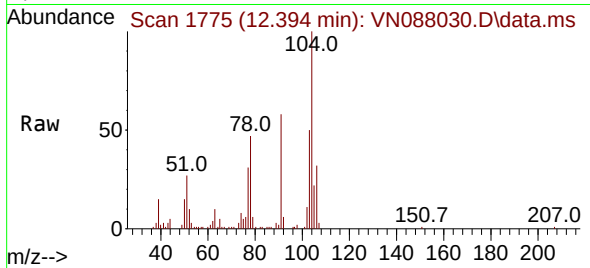




#69  
Styrene  
Concen: 4.917 ug/l  
RT: 12.394 min Scan# 1775  
Delta R.T. 0.000 min  
Lab File: VN088030.D  
Acq: 08 Oct 2025 09:34

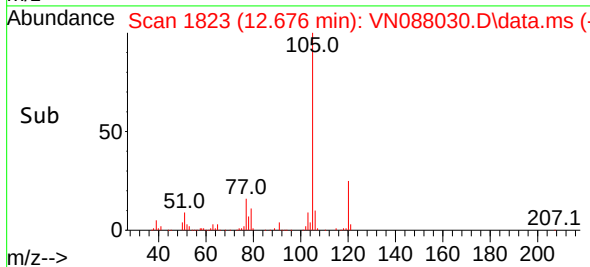
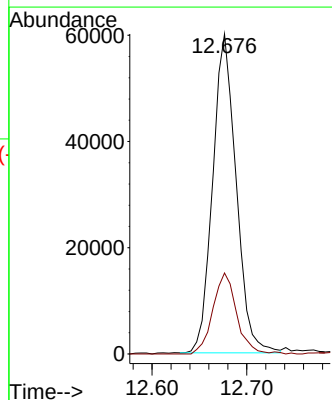
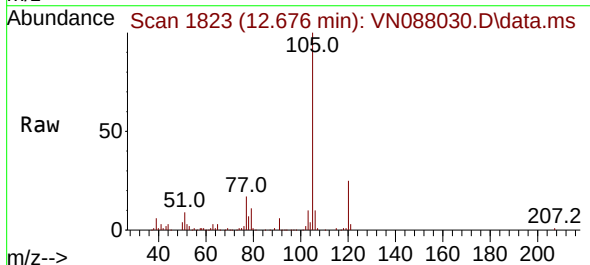
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

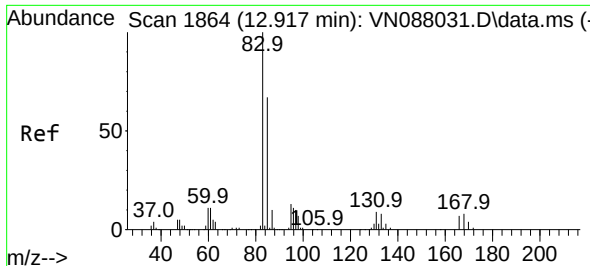
Tgt Ion:104 Resp: 66556  
Ion Ratio Lower Upper  
104 100  
78 52.1 41.8 62.6  
103 54.4 44.9 67.3



#70  
Isopropylbenzene  
Concen: 5.146 ug/l  
RT: 12.676 min Scan# 1823  
Delta R.T. 0.000 min  
Lab File: VN088030.D  
Acq: 08 Oct 2025 09:34

Tgt Ion:105 Resp: 103205  
Ion Ratio Lower Upper  
105 100  
120 25.5 19.1 35.5

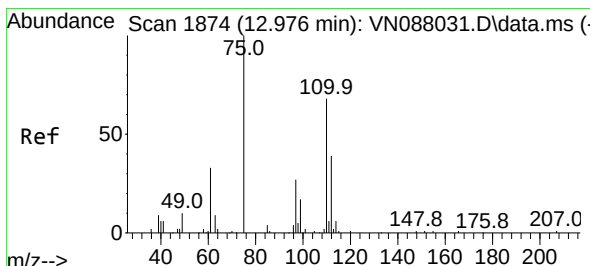
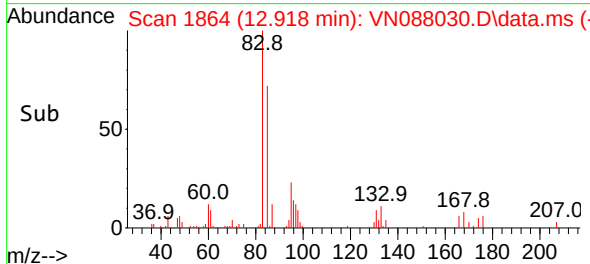
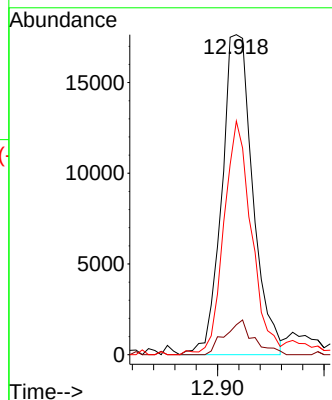
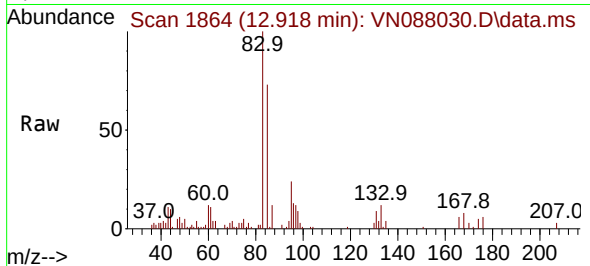




#71  
1,1,2-Tetrachloroethane  
Concen: 5.250 ug/l  
RT: 12.918 min Scan# 1864  
Delta R.T. 0.000 min  
Lab File: VN088030.D  
Acq: 08 Oct 2025 09:34

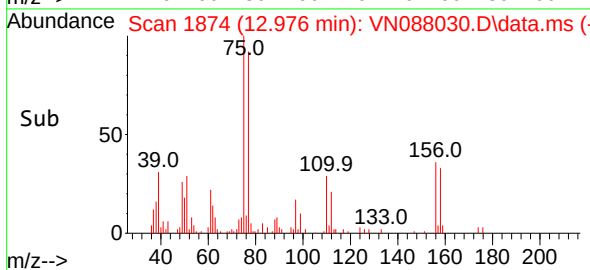
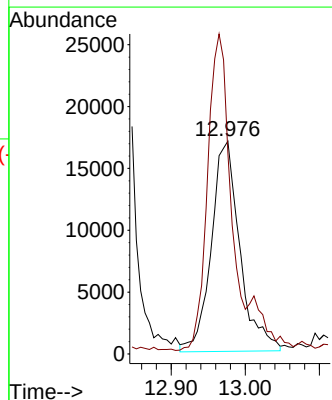
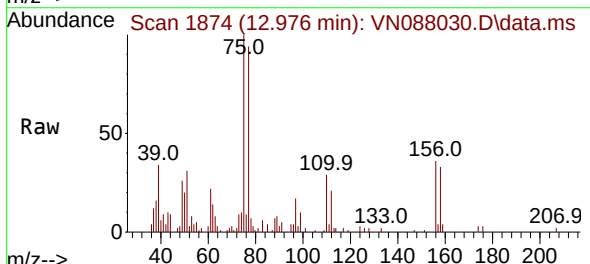
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

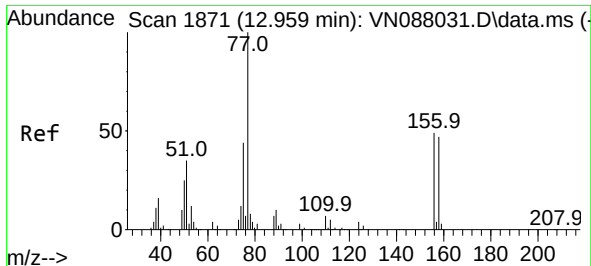
Tgt Ion: 83 Resp: 35698  
Ion Ratio Lower Upper  
83 100  
131 9.5 4.8 14.3  
85 64.5 32.4 97.2



#72  
1,2,3-Trichloropropane  
Concen: 6.896 ug/l  
RT: 12.976 min Scan# 1874  
Delta R.T. 0.000 min  
Lab File: VN088030.D  
Acq: 08 Oct 2025 09:34

Tgt Ion: 75 Resp: 45516  
Ion Ratio Lower Upper  
75 100  
77 119.1 0.0 364.0

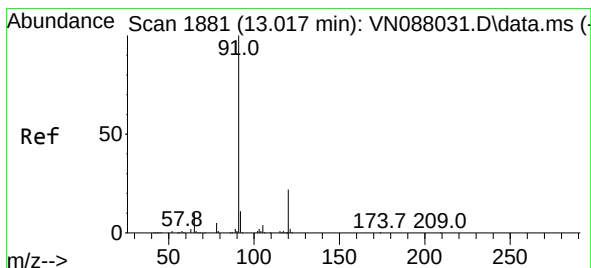
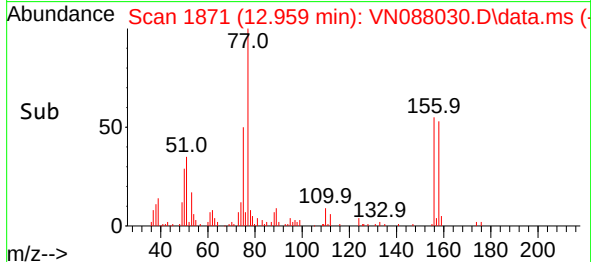
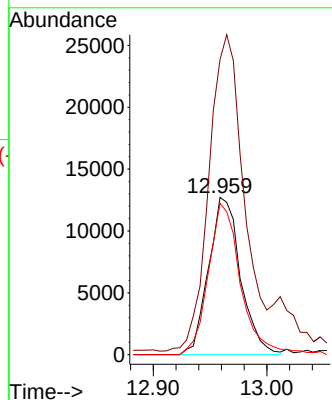
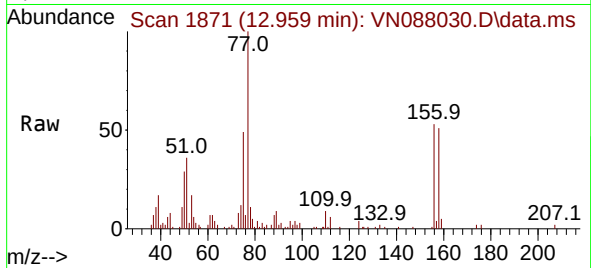




#73  
Bromobenzene  
Concen: 5.068 ug/l  
RT: 12.959 min Scan# 1871  
Delta R.T. 0.000 min  
Lab File: VN088030.D  
Acq: 08 Oct 2025 09:34

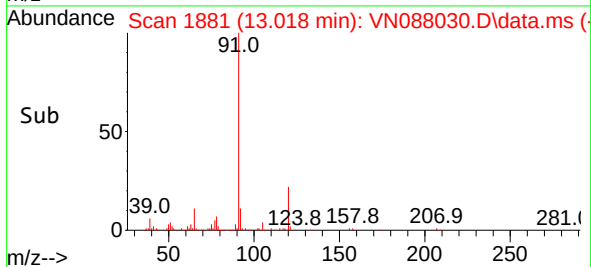
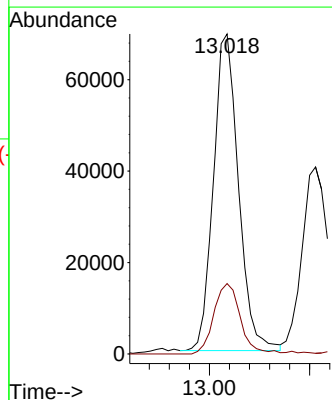
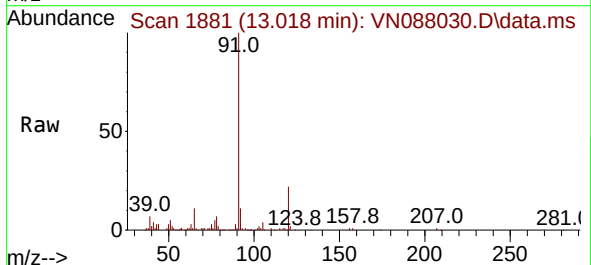
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

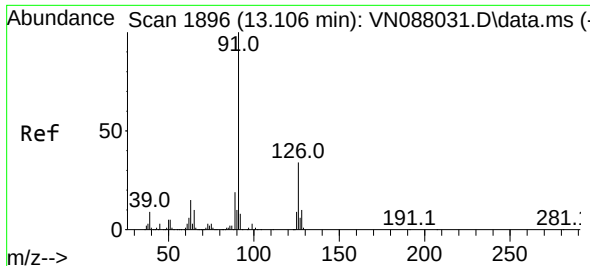
Tgt Ion:156 Resp: 24839  
Ion Ratio Lower Upper  
156 100  
77 218.3 0.0 439.8  
158 97.5 0.0 190.0



#74  
n-propylbenzene  
Concen: 4.971 ug/l  
RT: 13.018 min Scan# 1881  
Delta R.T. 0.000 min  
Lab File: VN088030.D  
Acq: 08 Oct 2025 09:34

Tgt Ion: 91 Resp: 120356  
Ion Ratio Lower Upper  
91 100  
120 23.1 0.0 46.2

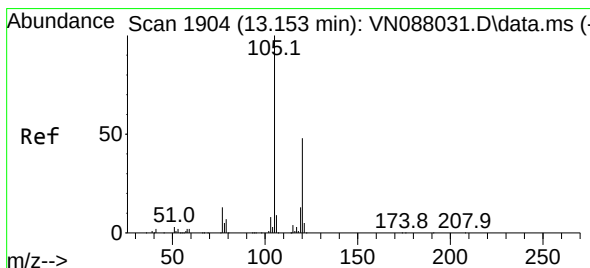
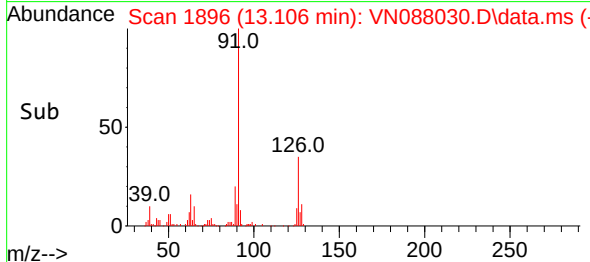
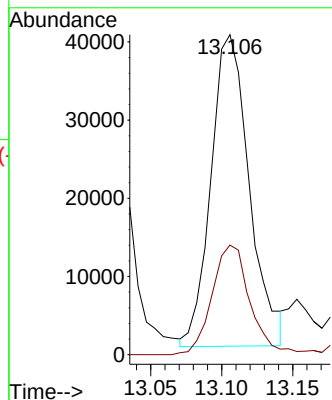
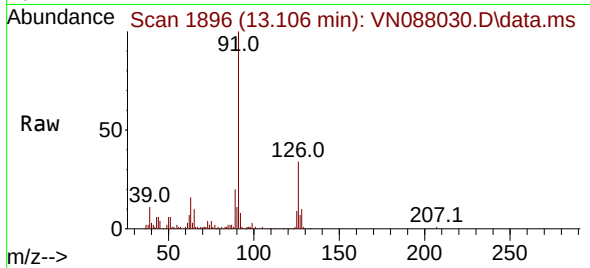




#75  
2-Chlorotoluene  
Concen: 5.055 ug/l  
RT: 13.106 min Scan# 1896  
Delta R.T. 0.000 min  
Lab File: VN088030.D  
Acq: 08 Oct 2025 09:34

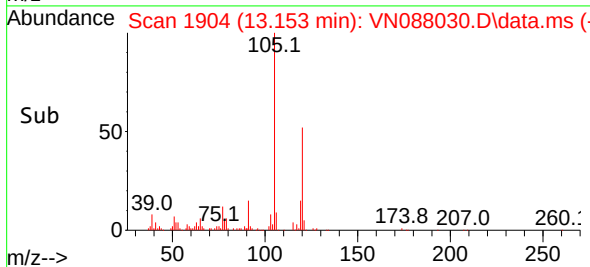
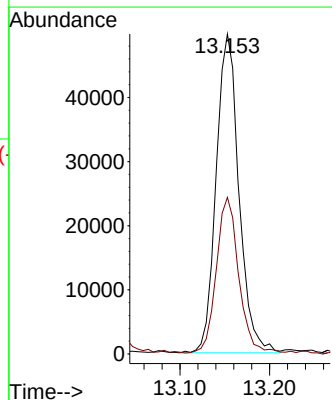
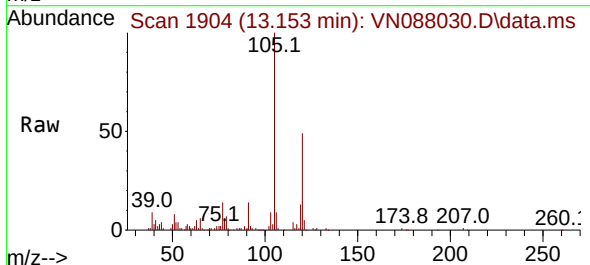
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tgt Ion: 91 Resp: 74825  
Ion Ratio Lower Upper  
91 100  
126 34.6 0.0 66.6

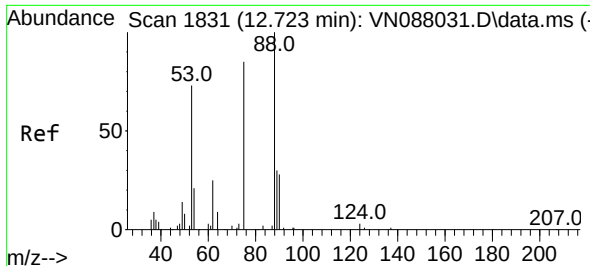


#76  
1,3,5-Trimethylbenzene  
Concen: 5.144 ug/l  
RT: 13.153 min Scan# 1904  
Delta R.T. 0.000 min  
Lab File: VN088030.D  
Acq: 08 Oct 2025 09:34

Tgt Ion: 105 Resp: 87631  
Ion Ratio Lower Upper  
105 100  
120 48.1 0.0 100.6



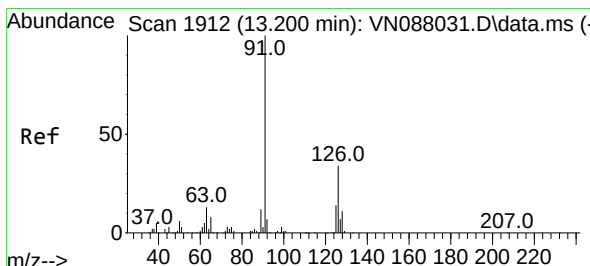
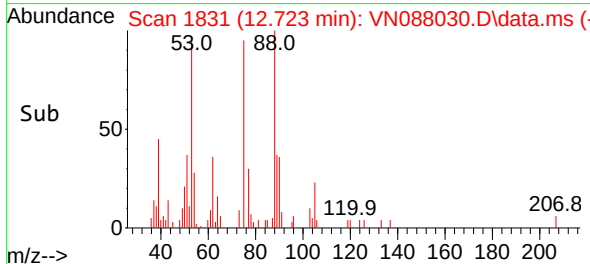
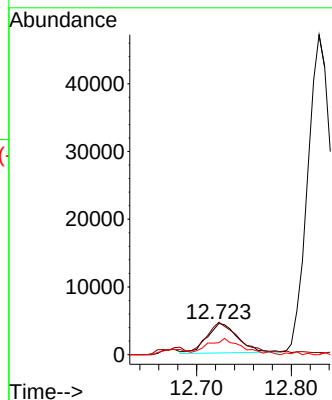
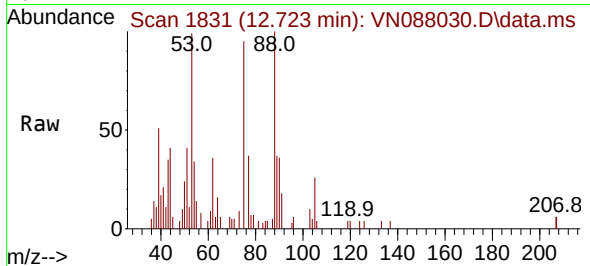




#77  
 t-1,4-Dichloro-2-butene  
 Concen: 4.018 ug/l  
 RT: 12.723 min Scan# 1831  
 Delta R.T. 0.000 min  
 Lab File: VN088030.D  
 Acq: 08 Oct 2025 09:34

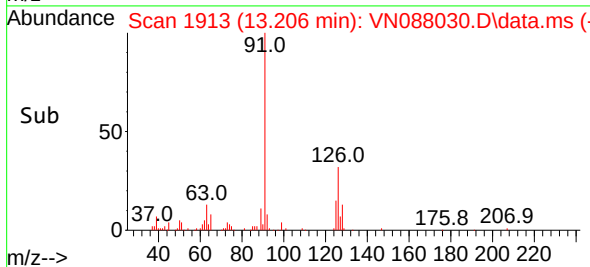
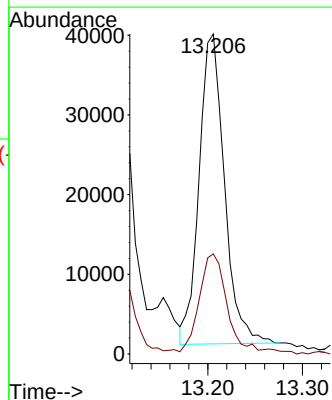
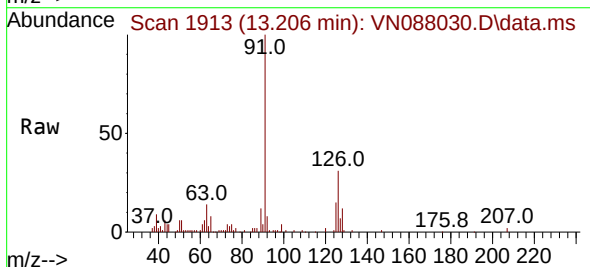
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

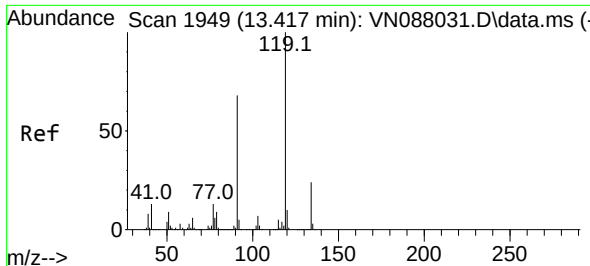
Tgt Ion: 75 Resp: 9813  
 Ion Ratio Lower Upper  
 75 100  
 53 103.7 41.8 125.3  
 89 42.5 19.9 59.6



#78  
 4-Chlorotoluene  
 Concen: 4.805 ug/l  
 RT: 13.206 min Scan# 1913  
 Delta R.T. 0.006 min  
 Lab File: VN088030.D  
 Acq: 08 Oct 2025 09:34

Tgt Ion: 91 Resp: 72267  
 Ion Ratio Lower Upper  
 91 100  
 126 34.3 0.0 68.8

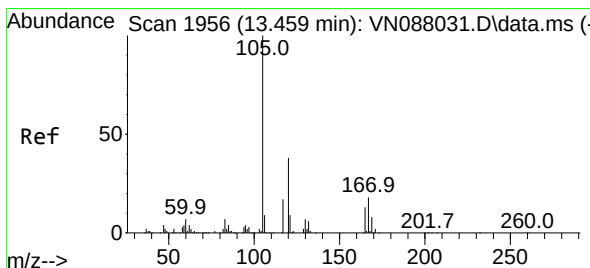
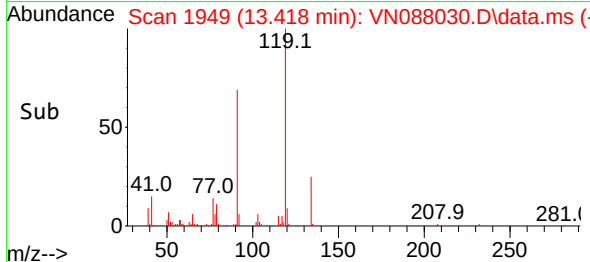
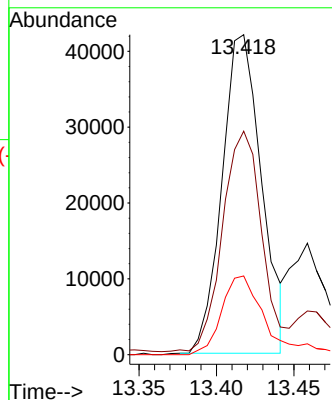
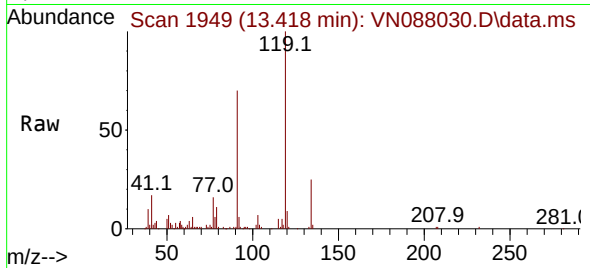




#79  
tert-butylbenzene  
Concen: 5.053 ug/l  
RT: 13.418 min Scan# 1949  
Delta R.T. 0.000 min  
Lab File: VN088030.D  
Acq: 08 Oct 2025 09:34

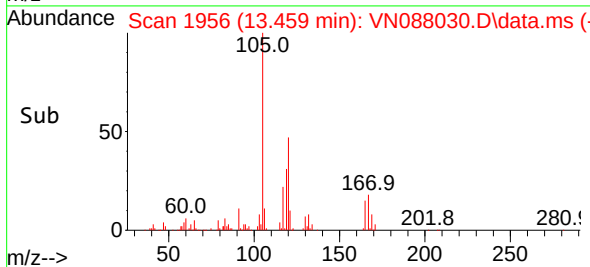
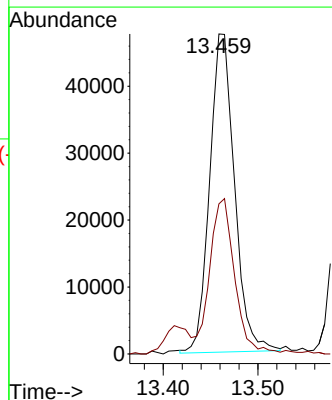
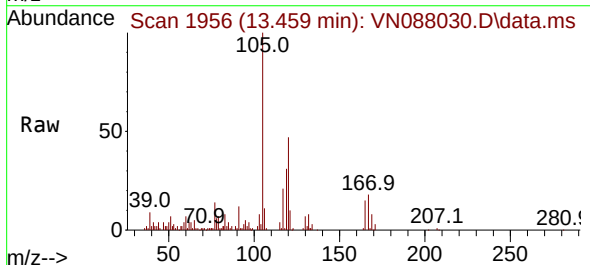
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

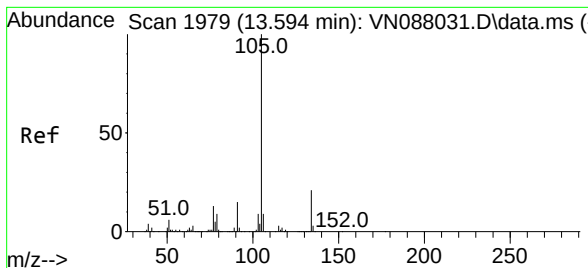
Tgt Ion:119 Resp: 74615  
Ion Ratio Lower Upper  
119 100  
91 68.6 0.0 132.4  
134 25.5 0.0 48.6



#80  
1,2,4-Trimethylbenzene  
Concen: 5.084 ug/l  
RT: 13.459 min Scan# 1956  
Delta R.T. 0.000 min  
Lab File: VN088030.D  
Acq: 08 Oct 2025 09:34

Tgt Ion:105 Resp: 86692  
Ion Ratio Lower Upper  
105 100  
120 47.5 0.0 93.8

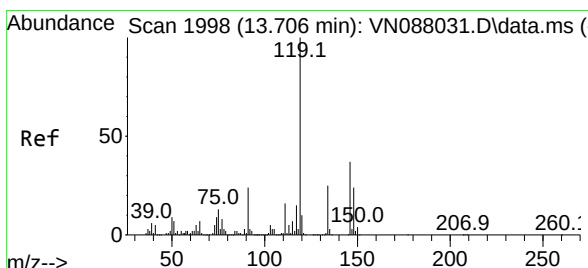
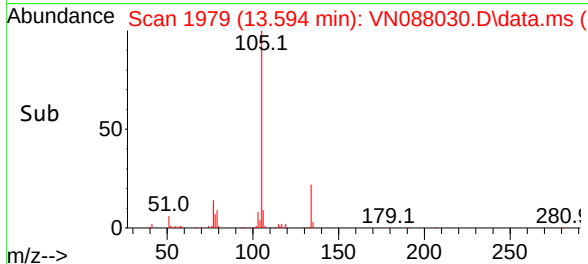
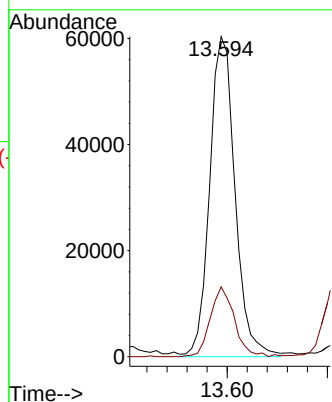
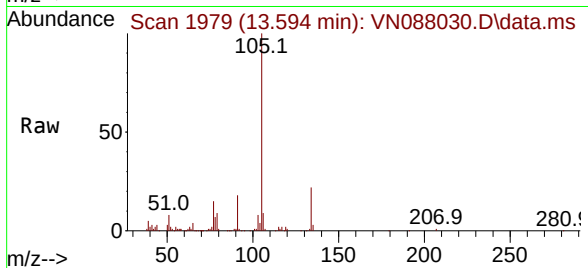




#81  
 sec-Butylbenzene  
 Concen: 5.111 ug/l  
 RT: 13.594 min Scan# 1979  
 Delta R.T. 0.000 min  
 Lab File: VN088030.D  
 Acq: 08 Oct 2025 09:34

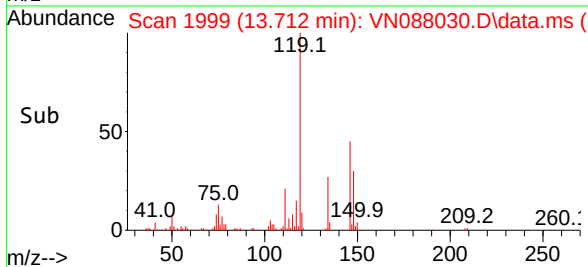
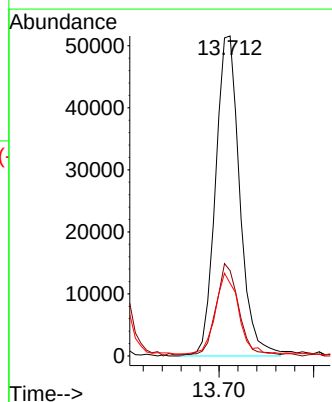
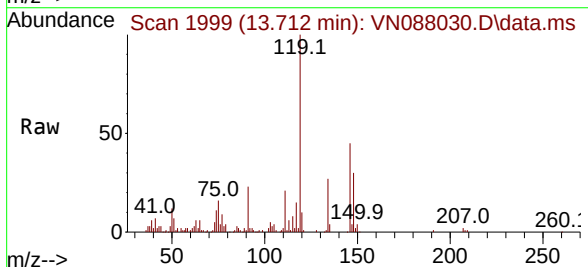
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

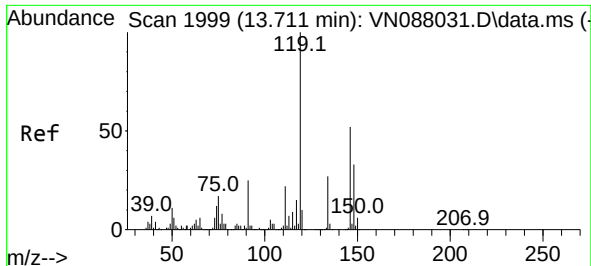
Tgt Ion:105 Resp: 106110  
 Ion Ratio Lower Upper  
 105 100  
 134 20.4 0.0 41.2



#82  
 p-Isopropyltoluene  
 Concen: 5.168 ug/l  
 RT: 13.712 min Scan# 1999  
 Delta R.T. 0.006 min  
 Lab File: VN088030.D  
 Acq: 08 Oct 2025 09:34

Tgt Ion:119 Resp: 91611  
 Ion Ratio Lower Upper  
 119 100  
 134 27.5 0.0 52.6  
 91 23.8 0.0 48.2

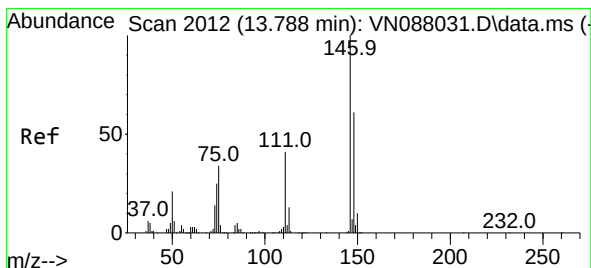
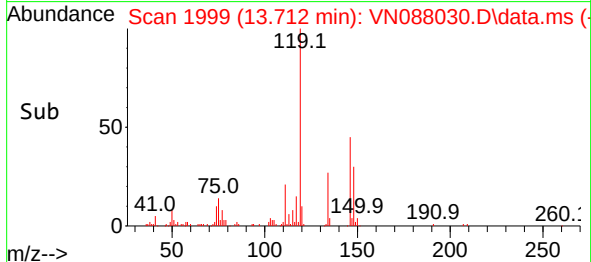
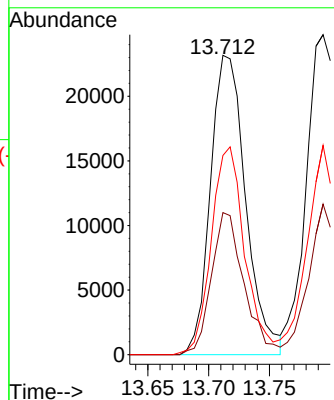
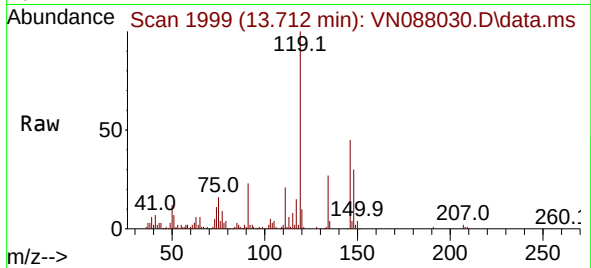




#83  
1,3-Dichlorobenzene  
Concen: 5.062 ug/l  
RT: 13.712 min Scan# 1999  
Delta R.T. 0.000 min  
Lab File: VN088030.D  
Acq: 08 Oct 2025 09:34

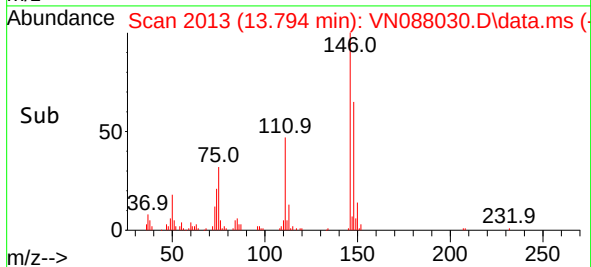
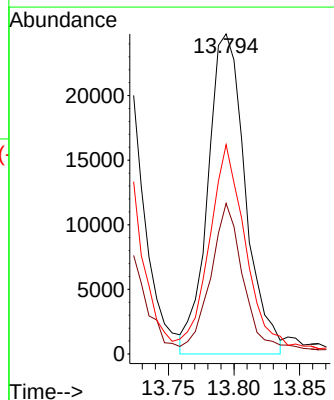
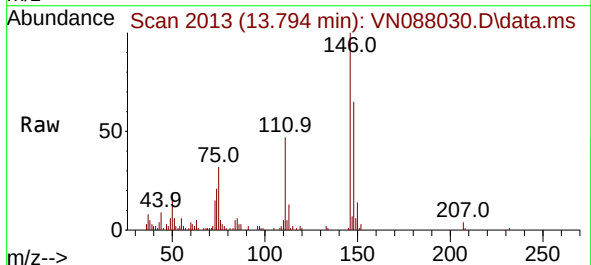
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

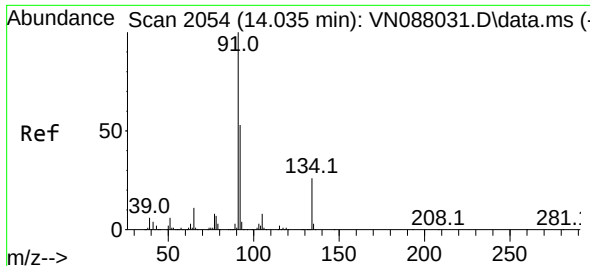
Tgt Ion:146 Resp: 46688  
Ion Ratio Lower Upper  
146 100  
111 44.0 21.1 63.1  
148 65.6 31.5 94.5



#84  
1,4-Dichlorobenzene  
Concen: 5.180 ug/l  
RT: 13.794 min Scan# 2013  
Delta R.T. 0.006 min  
Lab File: VN088030.D  
Acq: 08 Oct 2025 09:34

Tgt Ion:146 Resp: 49265  
Ion Ratio Lower Upper  
146 100  
111 41.5 20.5 61.6  
148 64.9 31.9 95.9

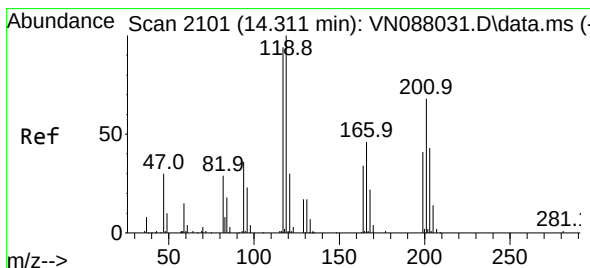
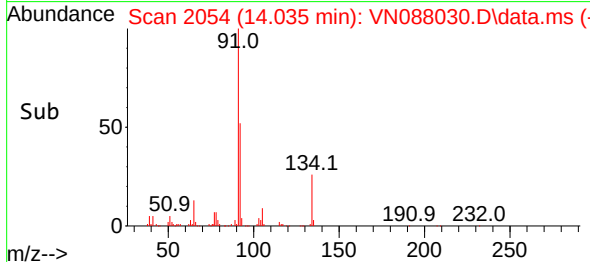
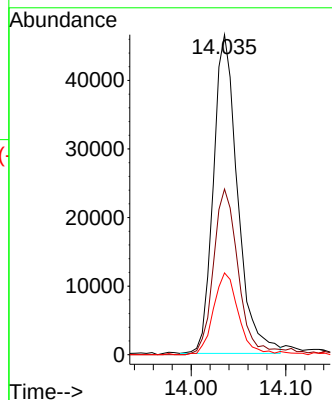
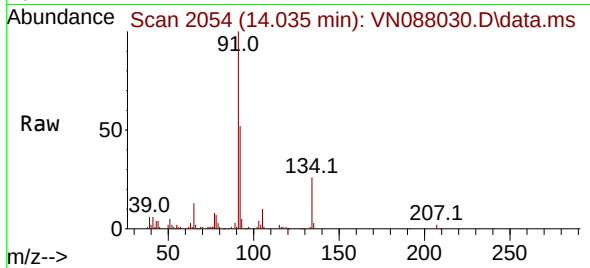




#85  
n-Butylbenzene  
Concen: 5.013 ug/l  
RT: 14.035 min Scan# 2054  
Delta R.T. 0.000 min  
Lab File: VN088030.D  
Acq: 08 Oct 2025 09:34

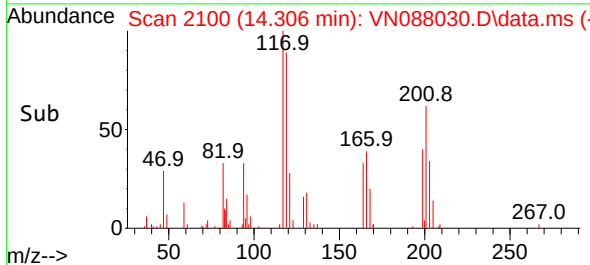
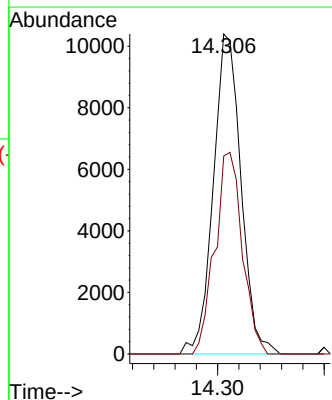
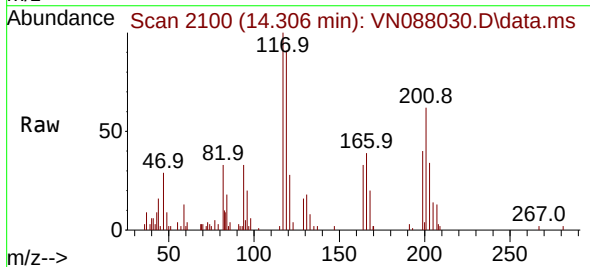
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

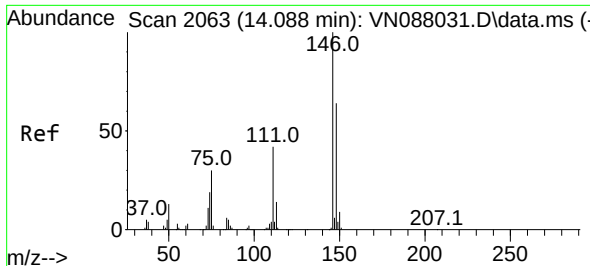
Tgt Ion: 91 Resp: 82683  
Ion Ratio Lower Upper  
91 100  
92 52.4 0.0 107.6  
134 26.2 0.0 52.6



#86  
Hexachloroethane  
Concen: 5.286 ug/l  
RT: 14.306 min Scan# 2100  
Delta R.T. -0.006 min  
Lab File: VN088030.D  
Acq: 08 Oct 2025 09:34

Tgt Ion: 117 Resp: 18772  
Ion Ratio Lower Upper  
117 100  
201 62.3 34.8 104.3





#87

1,2-Dichlorobenzene

Concen: 5.217 ug/l

RT: 14.088 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VN088030.D

Acq: 08 Oct 2025 09:34

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

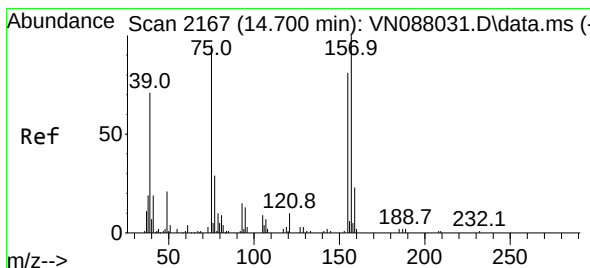
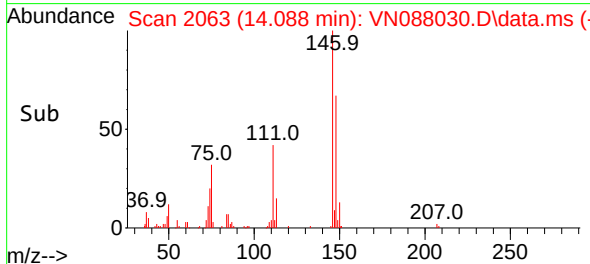
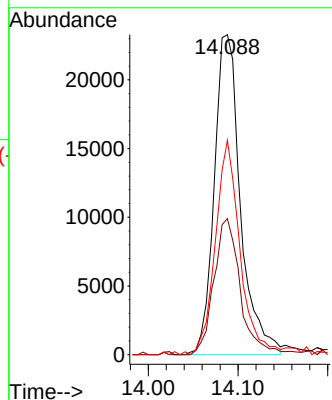
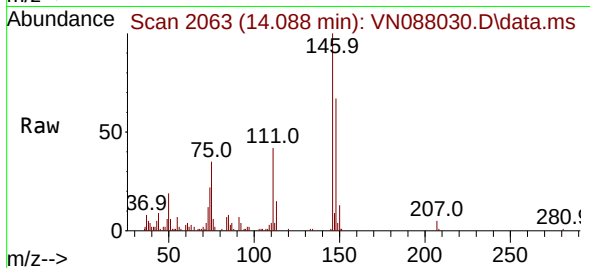
Tgt Ion:146 Resp: 47327

Ion Ratio Lower Upper

146 100

111 42.5 22.3 66.8

148 62.4 31.4 94.3



#88

1,2-Dibromo-3-Chloropropane

Concen: 4.938 ug/l

RT: 14.694 min Scan# 2166

Delta R.T. -0.006 min

Lab File: VN088030.D

Acq: 08 Oct 2025 09:34

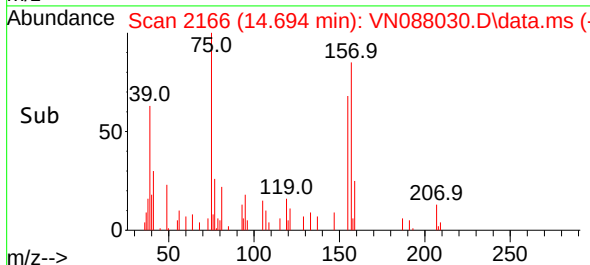
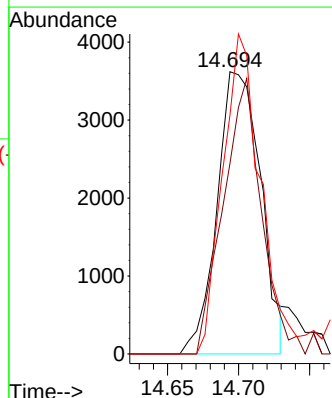
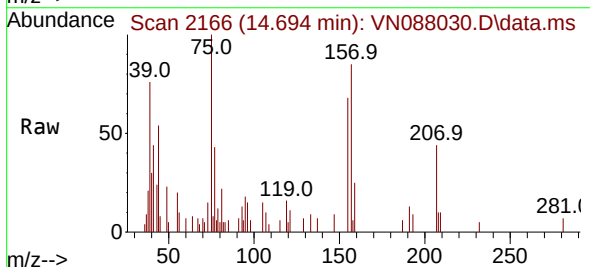
Tgt Ion: 75 Resp: 7710

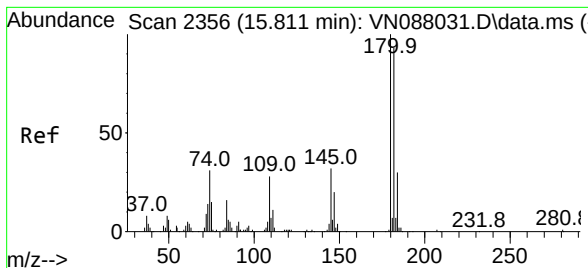
Ion Ratio Lower Upper

75 100

155 85.5 63.5 95.3

157 98.3 81.7 122.5





#89

1,2,4-Trichlorobenzene

Concen: 4.978 ug/l

RT: 15.817 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN088030.D

Acq: 08 Oct 2025 09:34

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

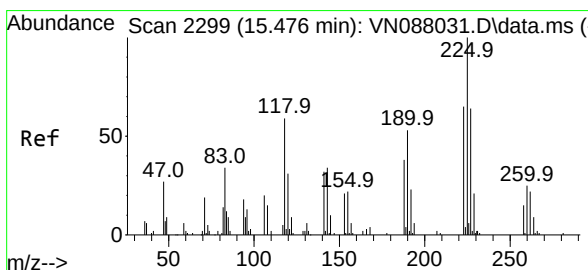
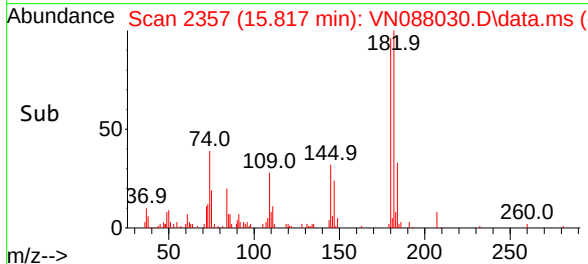
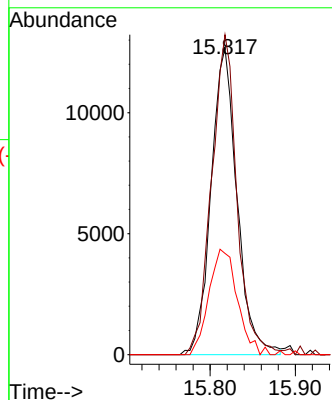
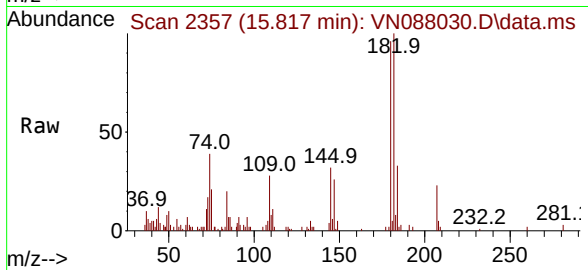
Tgt Ion:180 Resp: 26899

Ion Ratio Lower Upper

180 100

182 101.2 74.6 112.0

145 37.3 27.2 40.8



#90

Hexachlorobutadiene

Concen: 5.417 ug/l

RT: 15.470 min Scan# 2298

Delta R.T. -0.006 min

Lab File: VN088030.D

Acq: 08 Oct 2025 09:34

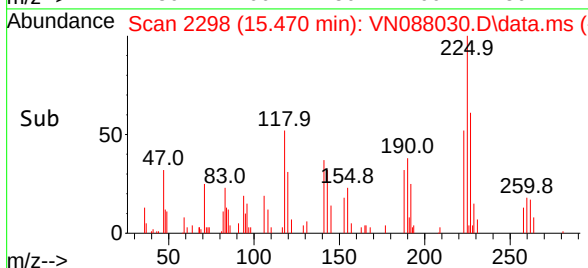
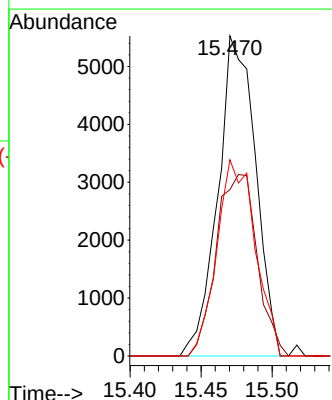
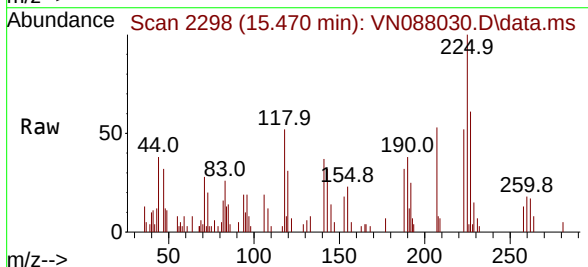
Tgt Ion:225 Resp: 10187

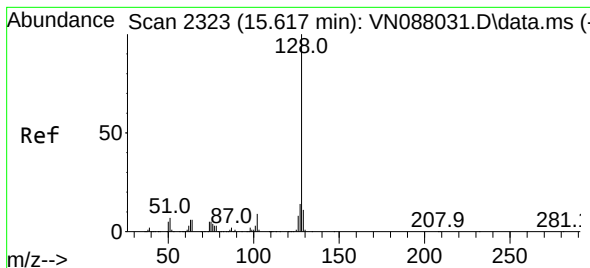
Ion Ratio Lower Upper

225 100

223 61.6 0.0 129.6

227 62.4 0.0 132.2

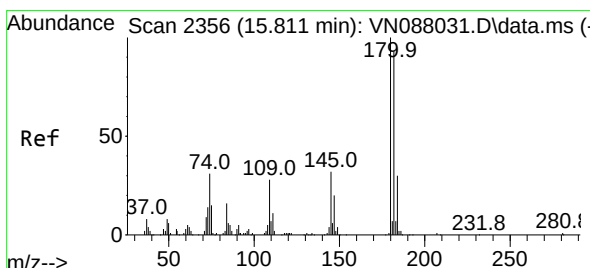
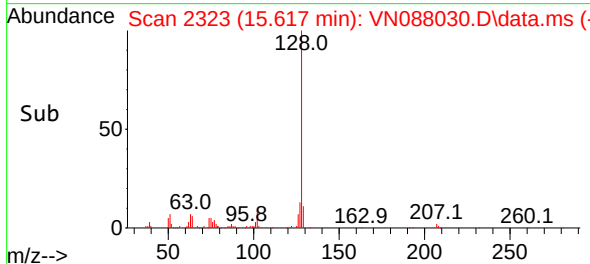
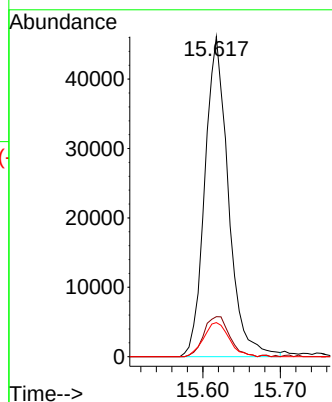
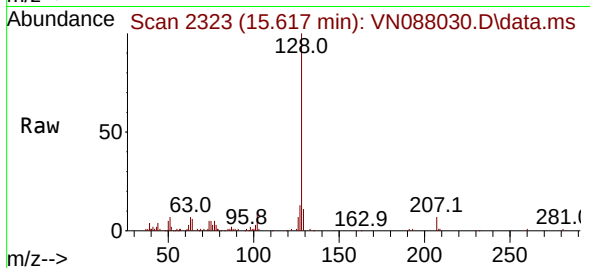




#91  
Naphthalene  
Concen: 4.924 ug/l  
RT: 15.617 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VN088030.D  
Acq: 08 Oct 2025 09:34

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tgt Ion:128 Resp: 97405  
Ion Ratio Lower Upper  
128 100  
127 13.6 10.3 15.5  
129 11.5 8.6 13.0



#92  
1,2,3-Trichlorobenzene  
Concen: 4.978 ug/l  
RT: 15.817 min Scan# 2357  
Delta R.T. 0.006 min  
Lab File: VN088030.D  
Acq: 08 Oct 2025 09:34

Tgt Ion:180 Resp: 26899  
Ion Ratio Lower Upper  
180 100  
182 101.2 0.0 186.6  
145 37.3 0.0 68.0

