

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN063025\  
 Data File : VN087240.D  
 Acq On : 30 Jun 2025 13:47  
 Operator : JC\MD  
 Sample : VSTDICC020  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC020

Quant Time: Jul 01 02:52:27 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N063025W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 01 02:39:52 2025  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 8.230  | 168   | 129474   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.106  | 114   | 215181   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.865 | 117   | 199572   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.788 | 152   | 107199   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.582  | 65    | 30968    | 19.058   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | =      | 38.120%# |
| 35) Dibromofluoromethane     | 8.177  | 113   | 26051    | 18.907   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 37.820%# |
| 50) Toluene-d8               | 10.565 | 98    | 99006    | 18.435   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | =      | 36.880%# |
| 62) 4-Bromofluorobenzene     | 12.847 | 95    | 34669    | 18.143   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 77 - 121 | Recovery | =      | 36.280%# |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.153  | 85    | 24791    | 19.675   | ug/l   | 88       |
| 3) Chloromethane             | 2.395  | 50    | 21348    | 20.865   | ug/l   | 95       |
| 4) Vinyl Chloride            | 2.553  | 62    | 27189    | 21.615   | ug/l   | 91       |
| 5) Bromomethane              | 2.983  | 94    | 23378    | 20.367   | ug/l   | 96       |
| 6) Chloroethane              | 3.148  | 64    | 21961    | 22.041   | ug/l   | 100      |
| 7) Trichlorofluoromethane    | 3.524  | 101   | 48454    | 22.199   | ug/l   | 94       |
| 8) Diethyl Ether             | 3.983  | 74    | 16148    | 23.182   | ug/l   | 99       |
| 9) 1,1,2-Trichlorotrifluo... | 4.394  | 101   | 27634    | 21.806   | ug/l   | 98       |
| 10) Methyl Iodide            | 4.612  | 142   | 24155    | 19.209   | ug/l   | 96       |
| 11) Tert butyl alcohol       | 5.541  | 59    | 32352    | 109.242  | ug/l   | 100      |
| 12) 1,1-Dichloroethene       | 4.365  | 96    | 26515    | 22.024   | ug/l   | 96       |
| 13) Acrolein                 | 4.200  | 56    | 19778    | 96.423   | ug/l   | 96       |
| 14) Allyl chloride           | 5.047  | 41    | 32031    | 21.709   | ug/l   | 99       |
| 15) Acrylonitrile            | 5.736  | 53    | 80075    | 108.836  | ug/l   | 99       |
| 16) Acetone                  | 4.447  | 43    | 67981    | 109.426  | ug/l   | 100      |
| 17) Carbon Disulfide         | 4.736  | 76    | 77115    | 21.349   | ug/l   | 99       |
| 18) Methyl Acetate           | 5.042  | 43    | 31895    | 22.426   | ug/l   | 100      |
| 19) Methyl tert-butyl Ether  | 5.818  | 73    | 91072    | 21.584   | ug/l   | 99       |
| 20) Methylene Chloride       | 5.300  | 84    | 30740    | 22.336   | ug/l   | 95       |
| 21) trans-1,2-Dichloroethene | 5.800  | 96    | 31057    | 21.349   | ug/l   | 92       |
| 22) Diisopropyl ether        | 6.688  | 45    | 75186    | 21.283   | ug/l   | 96       |
| 23) Vinyl Acetate            | 6.618  | 43    | 349770   | 107.058  | ug/l   | 99       |
| 24) 1,1-Dichloroethane       | 6.588  | 63    | 50915    | 21.998   | ug/l   | 99       |
| 25) 2-Butanone               | 7.494  | 43    | 105032   | 108.184  | ug/l   | 96       |
| 26) 2,2-Dichloropropane      | 7.500  | 77    | 48007    | 21.675   | ug/l   | 100      |
| 27) cis-1,2-Dichloroethene   | 7.494  | 96    | 36346    | 21.634   | ug/l   | 98       |
| 28) Bromochloromethane       | 7.824  | 49    | 19872    | 19.451   | ug/l   | 100      |
| 29) Tetrahydrofuran          | 7.841  | 42    | 67646    | 108.126  | ug/l   | 99       |
| 30) Chloroform               | 7.977  | 83    | 57066    | 22.244   | ug/l   | 97       |
| 31) Cyclohexane              | 8.265  | 56    | 45223    | 20.435   | ug/l   | 94       |
| 32) 1,1,1-Trichloroethane    | 8.177  | 97    | 51476    | 21.545   | ug/l   | 95       |
| 36) 1,1-Dichloropropene      | 8.377  | 75    | 40228    | 21.470   | ug/l   | 98       |
| 37) Ethyl Acetate            | 7.571  | 43    | 42975    | 21.336   | ug/l   | 98       |
| 38) Carbon Tetrachloride     | 8.365  | 117   | 45599    | 21.477   | ug/l   | 97       |
| 39) Methylcyclohexane        | 9.606  | 83    | 46912    | 21.024   | ug/l   | 97       |
| 40) Benzene                  | 8.612  | 78    | 123421   | 21.262   | ug/l   | 99       |

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 Sample : VSTDICC020  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC020

Quant Time: Jul 01 02:52:27 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N063025W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 01 02:39:52 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.783  | 41   | 19794    | 20.554  | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 8.677  | 62   | 40449    | 20.953  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.694  | 43   | 65553    | 20.986  | ug/l   | 99       |
| 44) Trichloroethene           | 9.359  | 130  | 33119    | 21.472  | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 9.624  | 63   | 27644    | 21.842  | ug/l   | 96       |
| 46) Dibromomethane            | 9.712  | 93   | 23348    | 21.685  | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.888  | 83   | 44885    | 21.858  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.682  | 41   | 27798    | 21.115  | ug/l   | 99       |
| 49) 1,4-Dioxane               | 9.706  | 88   | 11099    | 414.726 | ug/l # | 96       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 202677   | 106.049 | ug/l   | 98       |
| 52) Toluene                   | 10.629 | 92   | 79914    | 20.992  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 46151    | 20.954  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 47974    | 21.379  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 30459    | 21.180  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.882 | 69   | 40675    | 19.305  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 49765    | 21.202  | ug/l   | 95       |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 110371   | 99.116  | ug/l   | 99       |
| 59) 2-Hexanone                | 11.206 | 43   | 115536   | 86.145  | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.359 | 129  | 36186    | 21.345  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 33365    | 21.568  | ug/l   | 98       |
| 64) Tetrachloroethene         | 11.106 | 164  | 28895    | 21.715  | ug/l   | 93       |
| 65) Chlorobenzene             | 11.888 | 112  | 95342    | 21.291  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 33163    | 21.447  | ug/l   | 100      |
| 67) Ethyl Benzene             | 11.965 | 91   | 155243   | 21.424  | ug/l   | 100      |
| 68) m/p-Xylenes               | 12.070 | 106  | 124779   | 43.100  | ug/l   | 98       |
| 69) o-Xylene                  | 12.394 | 106  | 57624    | 21.278  | ug/l   | 99       |
| 70) Styrene                   | 12.412 | 104  | 100395   | 21.813  | ug/l   | 99       |
| 71) Bromoform                 | 12.576 | 173  | 25584    | 21.446  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.694 | 105  | 149781   | 21.685  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.535 | 43   | 29437    | 12.598  | ug/l # | 89       |
| 75) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 48773    | 21.467  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 64865    | 31.551  | ug/l   | 66       |
| 77) Bromobenzene              | 12.976 | 156  | 38968    | 21.612  | ug/l   | 99       |
| 78) n-propylbenzene           | 13.035 | 91   | 177391   | 21.261  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 105000   | 21.146  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 13.170 | 105  | 124148   | 21.503  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 16836    | 19.395  | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 13.217 | 91   | 110348   | 21.229  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.435 | 119  | 107641   | 21.280  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 127331   | 22.016  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.612 | 105  | 156100   | 21.771  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 135402   | 21.970  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.729 | 146  | 76707    | 21.362  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 80130    | 21.372  | ug/l   | 98       |
| 89) n-Butylbenzene            | 14.053 | 91   | 114151   | 21.037  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.329 | 117  | 23512    | 20.610  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 73748    | 21.960  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.717 | 75   | 11129    | 20.383  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.388 | 180  | 42544    | 21.423  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.494 | 225  | 13314    | 21.105  | ug/l   | 97       |
| 95) Naphthalene               | 15.641 | 128  | 143171   | 20.838  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.835 | 180  | 41451    | 21.425  | ug/l   | 99       |

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Sample : VSTDICC020  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC020

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Quant Title : SW846 8260  
QLast Update : Tue Jul 01 02:39:52 2025  
Response via : Initial Calibration

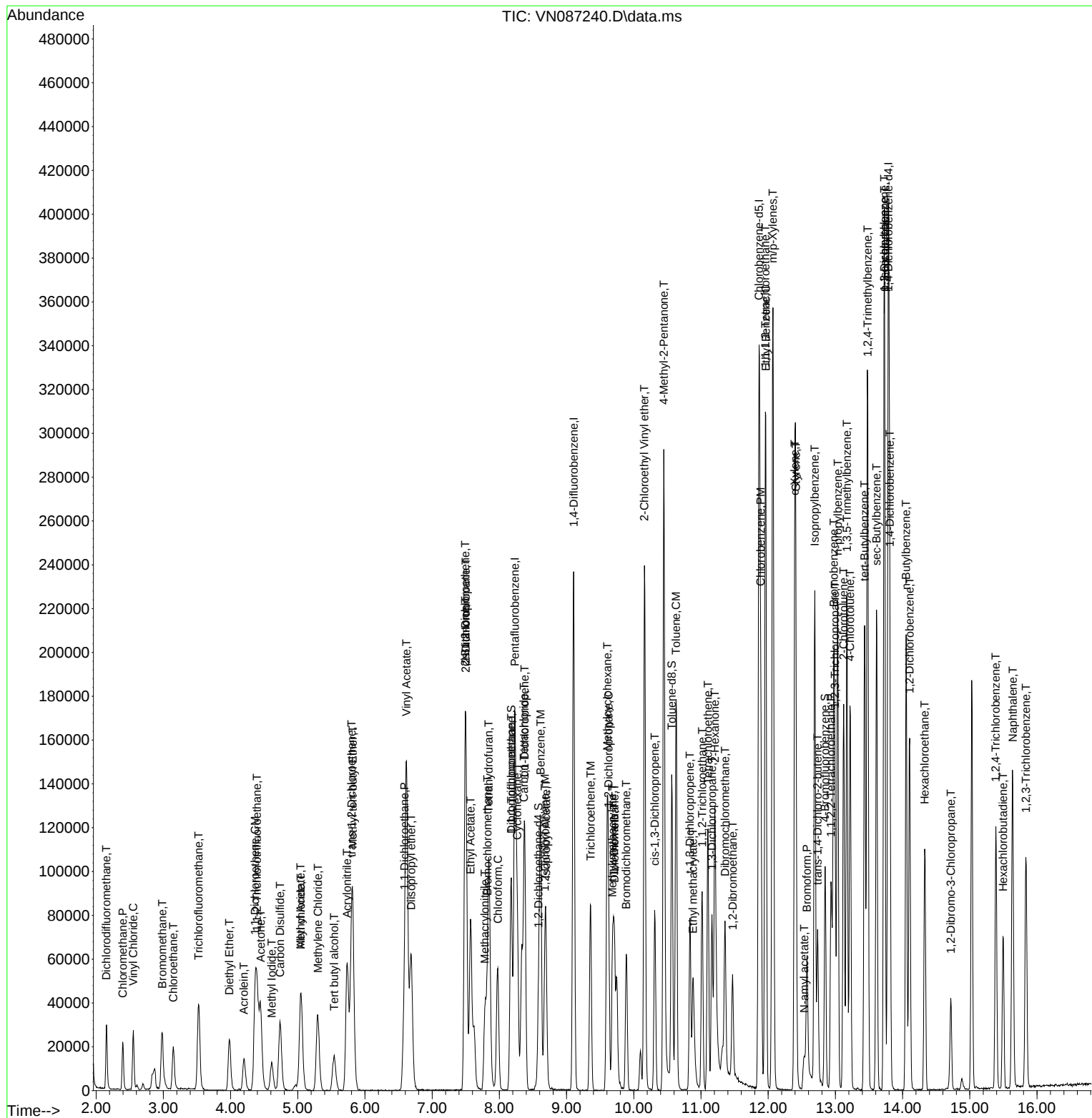
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

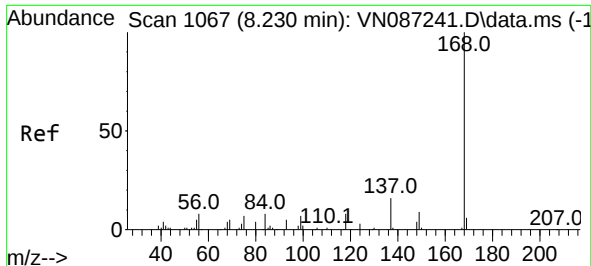
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN063025\  
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 Sample : VSTDICC020  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
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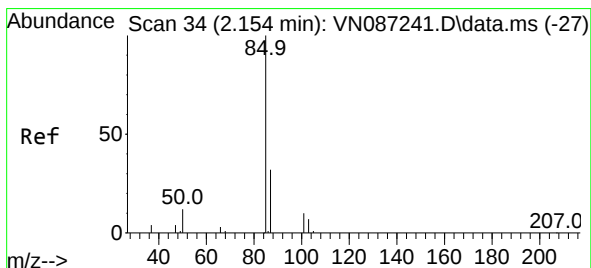
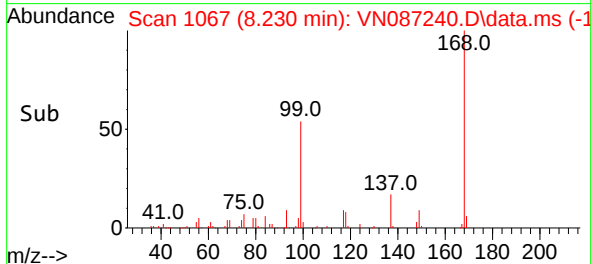
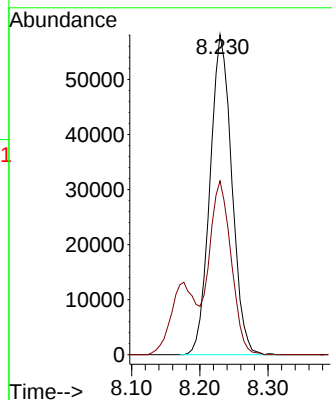
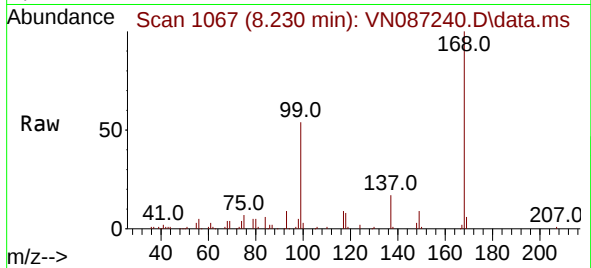




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1067  
Delta R.T. -0.000 min  
Lab File: VN087240.D  
Acq: 30 Jun 2025 13:47

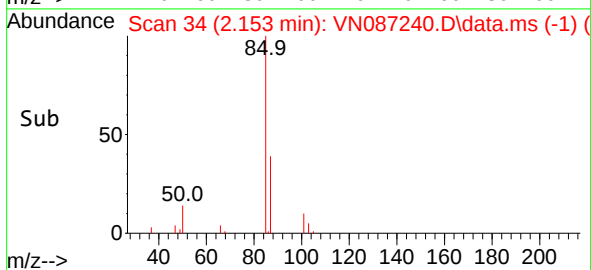
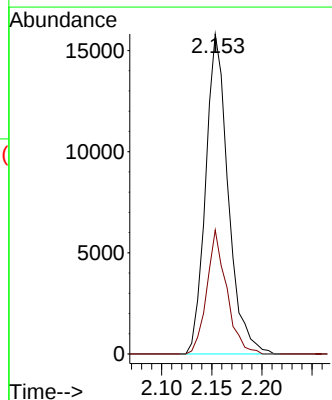
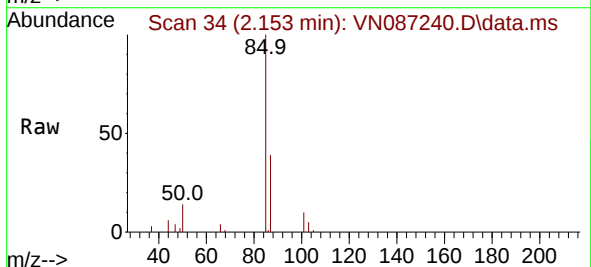
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC020

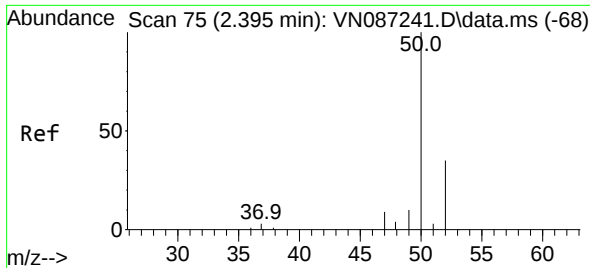
Tgt Ion:168 Resp: 129474  
Ion Ratio Lower Upper  
168 100  
99 54.3 42.6 64.0



#2  
Dichlorodifluoromethane  
Concen: 19.675 ug/l  
RT: 2.153 min Scan# 34  
Delta R.T. -0.000 min  
Lab File: VN087240.D  
Acq: 30 Jun 2025 13:47

Tgt Ion: 85 Resp: 24791  
Ion Ratio Lower Upper  
85 100  
87 38.7 16.1 48.3

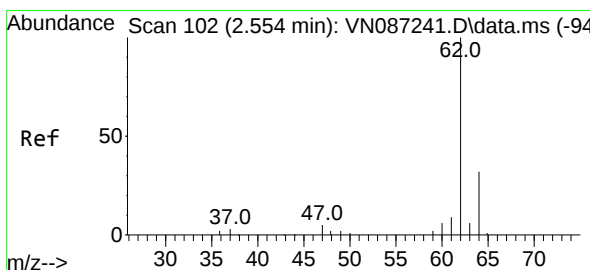
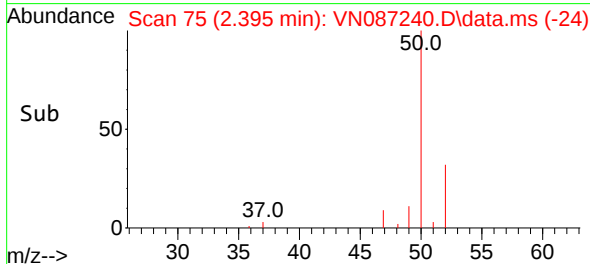
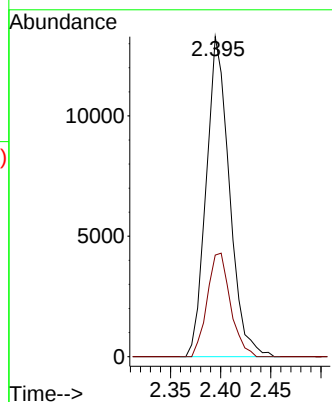
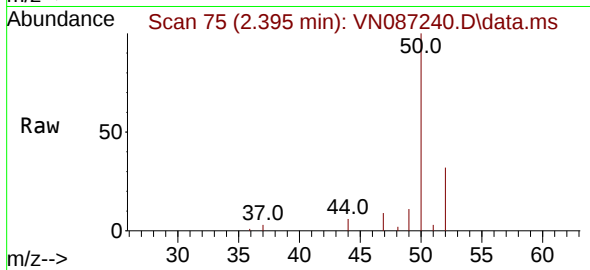




#3  
Chloromethane  
Concen: 20.865 ug/l  
RT: 2.395 min Scan# 75  
Delta R.T. -0.000 min  
Lab File: VN087240.D  
Acq: 30 Jun 2025 13:47

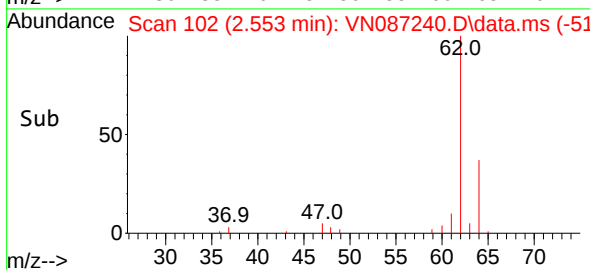
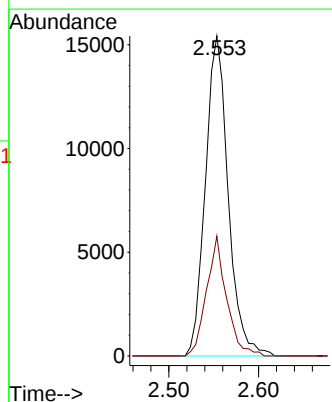
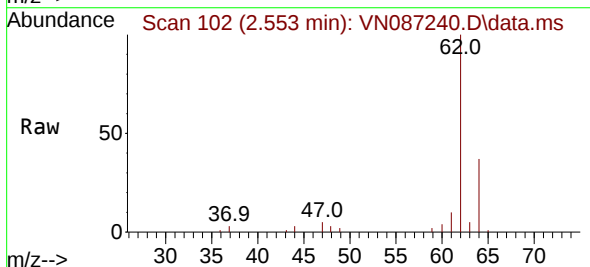
Instrument :  
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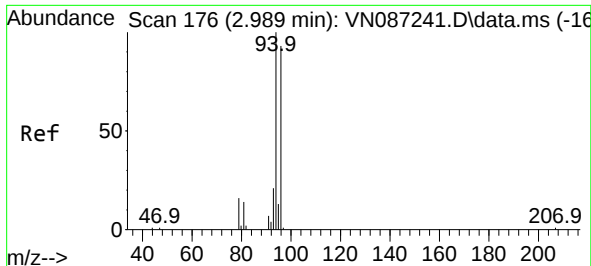
Tgt Ion: 50 Resp: 21348  
Ion Ratio Lower Upper  
50 100  
52 31.8 27.8 41.8



#4  
Vinyl Chloride  
Concen: 21.615 ug/l  
RT: 2.553 min Scan# 102  
Delta R.T. -0.000 min  
Lab File: VN087240.D  
Acq: 30 Jun 2025 13:47

Tgt Ion: 62 Resp: 27189  
Ion Ratio Lower Upper  
62 100  
64 37.5 26.0 39.0

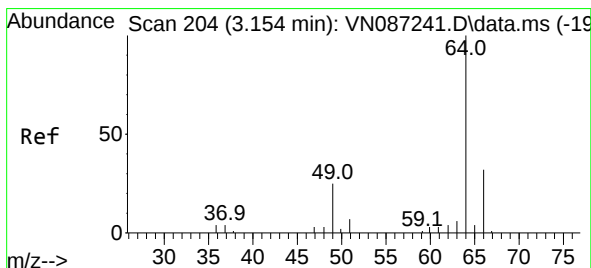
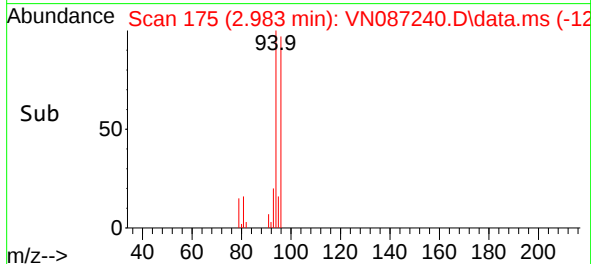
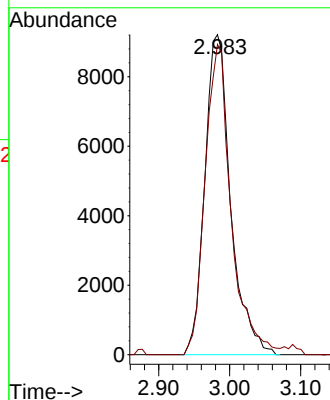
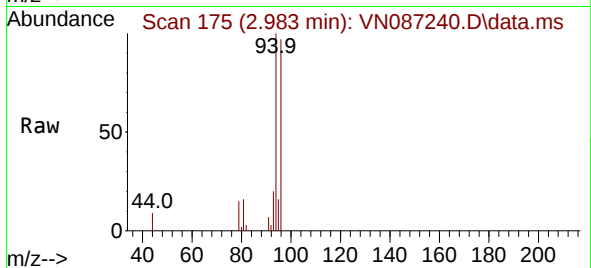




#5  
Bromomethane  
Concen: 20.367 ug/l  
RT: 2.983 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN087240.D  
Acq: 30 Jun 2025 13:47

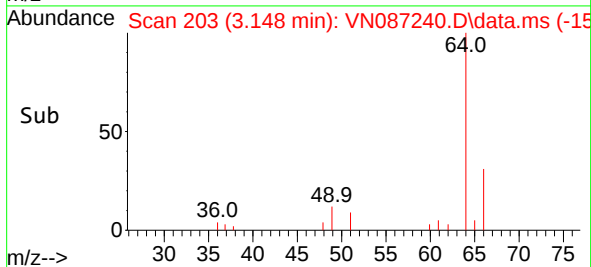
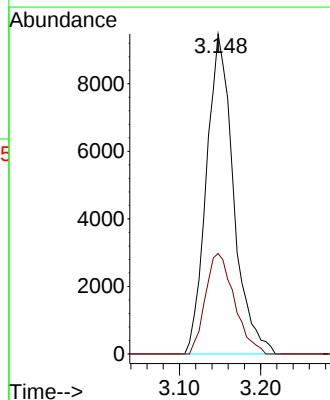
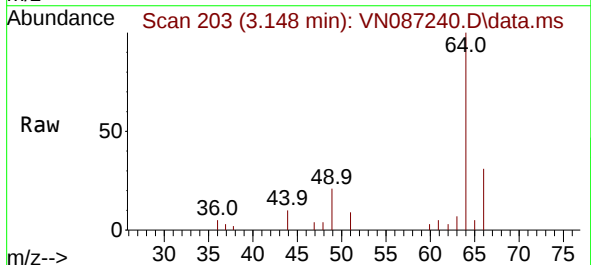
Instrument :  
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VSTDIC020

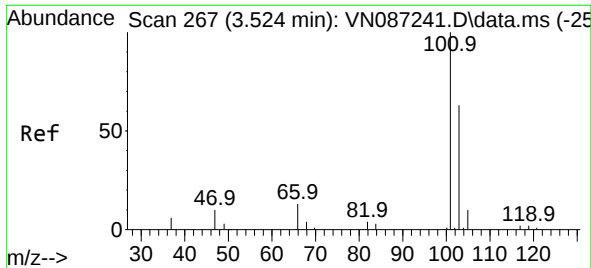
Tgt Ion: 94 Resp: 23378  
Ion Ratio Lower Upper  
94 100  
96 96.9 74.3 111.5



#6  
Chloroethane  
Concen: 22.041 ug/l  
RT: 3.148 min Scan# 203  
Delta R.T. -0.006 min  
Lab File: VN087240.D  
Acq: 30 Jun 2025 13:47

Tgt Ion: 64 Resp: 21961  
Ion Ratio Lower Upper  
64 100  
66 31.4 25.3 37.9

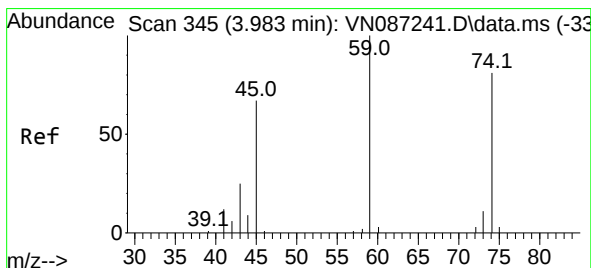
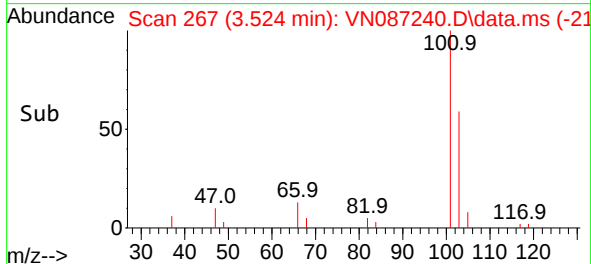
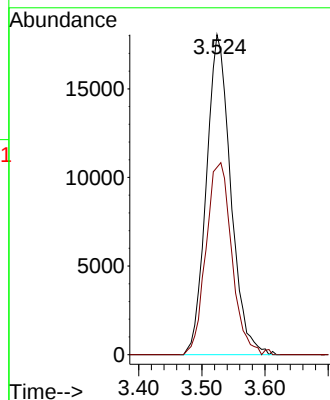
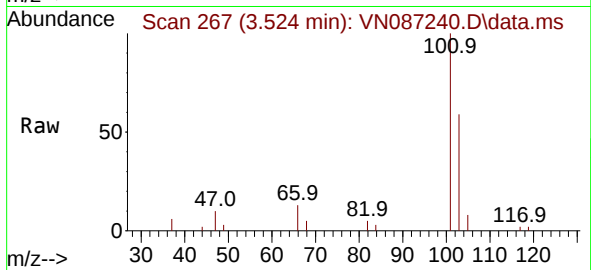




#7  
 Trichlorofluoromethane  
 Concen: 22.199 ug/l  
 RT: 3.524 min Scan# 267  
 Delta R.T. -0.000 min  
 Lab File: VN087240.D  
 Acq: 30 Jun 2025 13:47

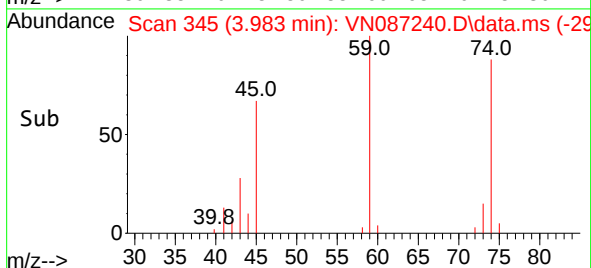
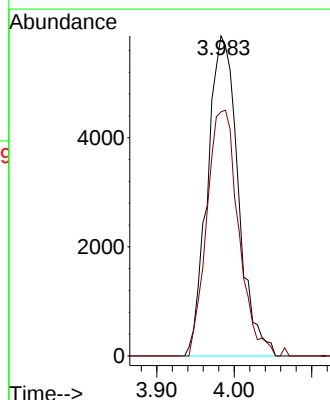
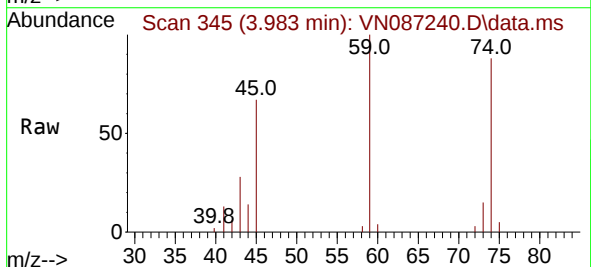
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC020

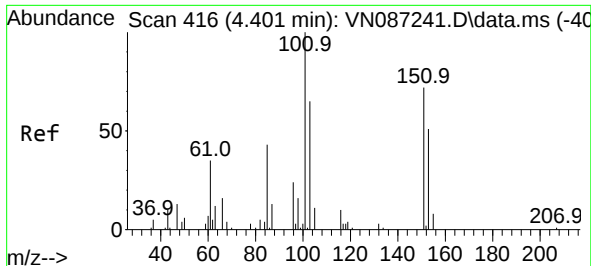
Tgt Ion:101 Resp: 48454  
 Ion Ratio Lower Upper  
 101 100  
 103 58.6 50.5 75.7



#8  
 Diethyl Ether  
 Concen: 23.182 ug/l  
 RT: 3.983 min Scan# 345  
 Delta R.T. -0.000 min  
 Lab File: VN087240.D  
 Acq: 30 Jun 2025 13:47

Tgt Ion: 74 Resp: 16148  
 Ion Ratio Lower Upper  
 74 100  
 45 79.2 39.4 118.1

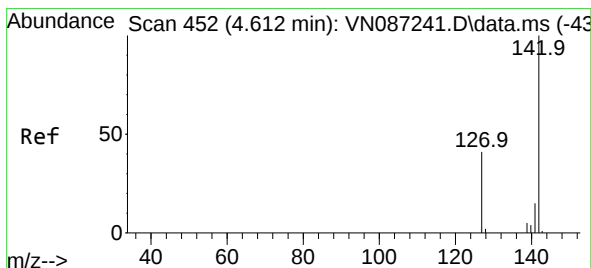
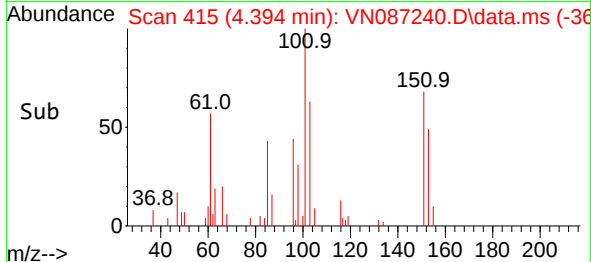
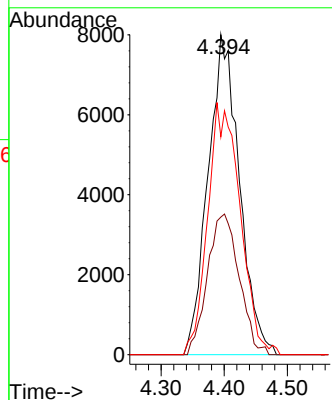
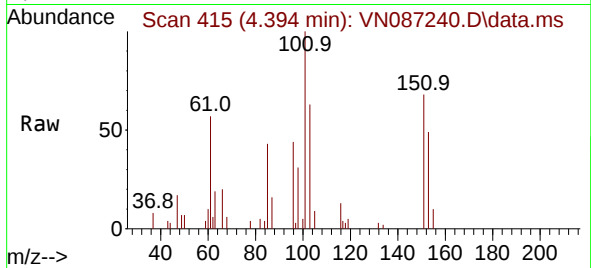




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 21.806 ug/l  
RT: 4.394 min Scan# 416  
Delta R.T. -0.006 min  
Lab File: VN087240.D  
Acq: 30 Jun 2025 13:47

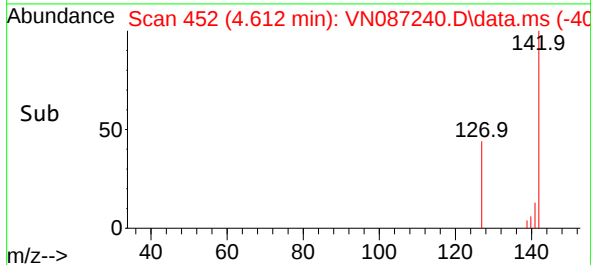
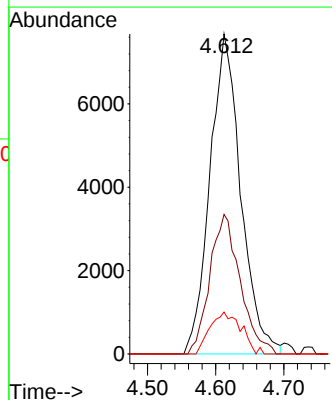
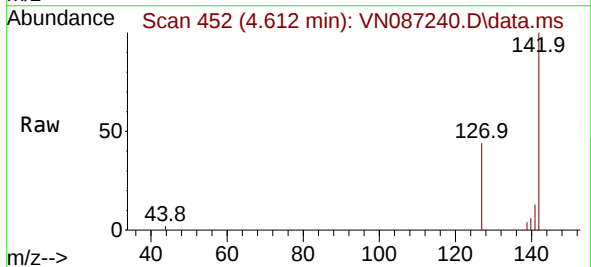
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

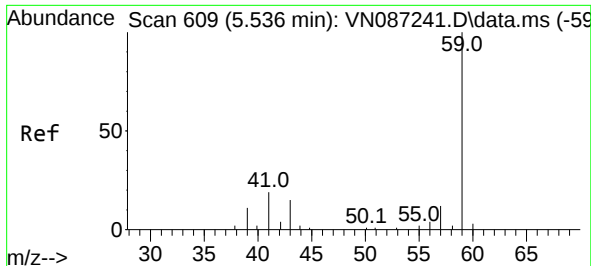
Tgt Ion:101 Resp: 27634  
Ion Ratio Lower Upper  
101 100  
85 44.4 34.4 51.6  
151 81.5 63.8 95.8



#10  
Methyl Iodide  
Concen: 19.209 ug/l  
RT: 4.612 min Scan# 452  
Delta R.T. -0.000 min  
Lab File: VN087240.D  
Acq: 30 Jun 2025 13:47

Tgt Ion:142 Resp: 24155  
Ion Ratio Lower Upper  
142 100  
127 43.6 32.8 49.2  
141 13.1 11.6 17.4

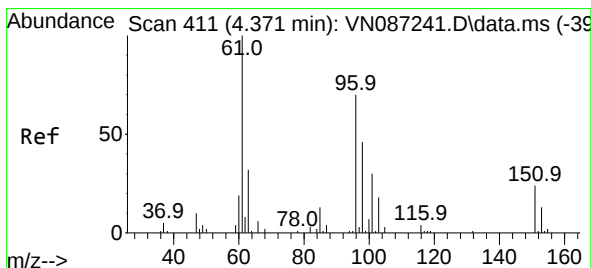
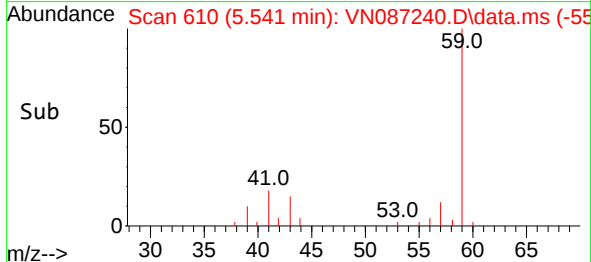
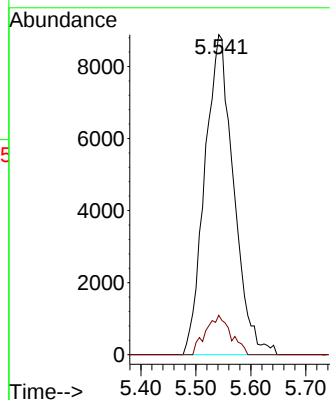
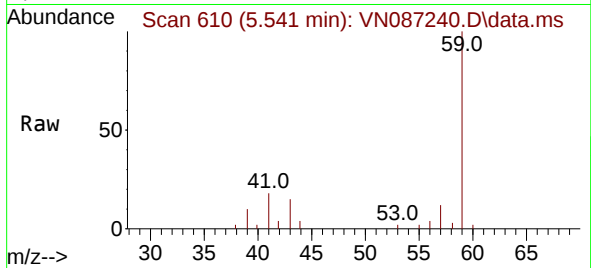




#11  
Tert butyl alcohol  
Concen: 109.242 ug/l  
RT: 5.541 min Scan# 610  
Delta R.T. 0.006 min  
Lab File: VN087240.D  
Acq: 30 Jun 2025 13:47

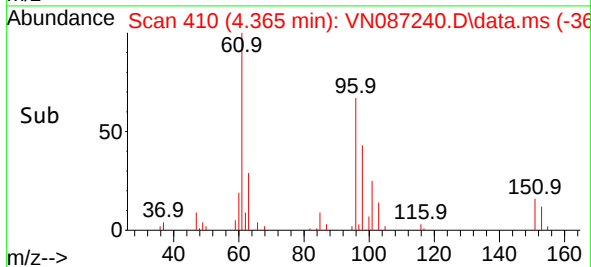
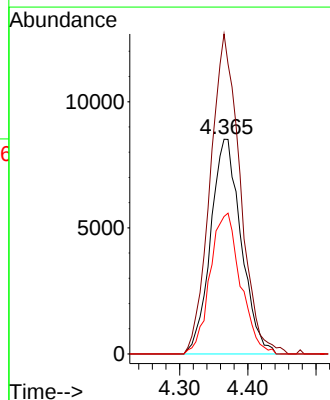
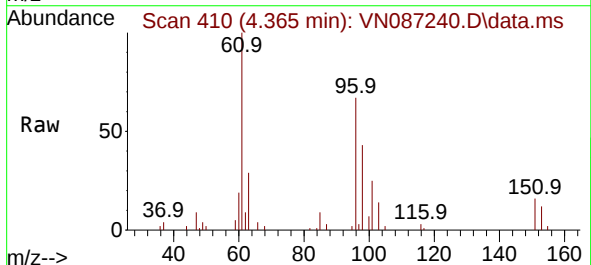
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

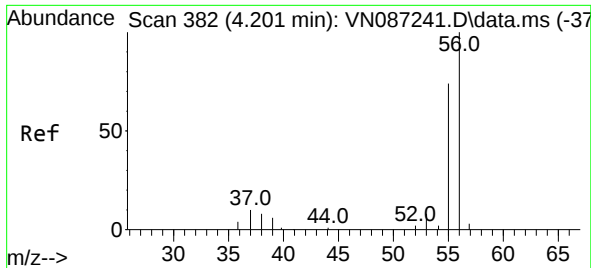
Tgt Ion: 59 Resp: 32352  
Ion Ratio Lower Upper  
59 100  
57 10.8 8.6 12.8



#12  
1,1-Dichloroethene  
Concen: 22.024 ug/l  
RT: 4.365 min Scan# 410  
Delta R.T. -0.006 min  
Lab File: VN087240.D  
Acq: 30 Jun 2025 13:47

Tgt Ion: 96 Resp: 26515  
Ion Ratio Lower Upper  
96 100  
61 149.0 114.4 171.6  
98 64.0 53.0 79.6

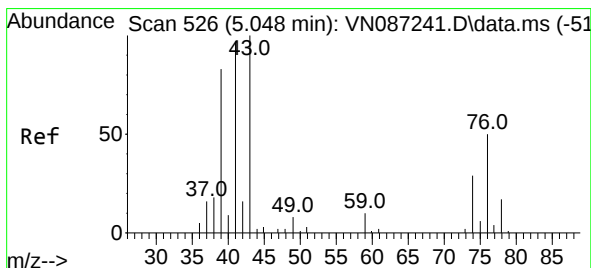
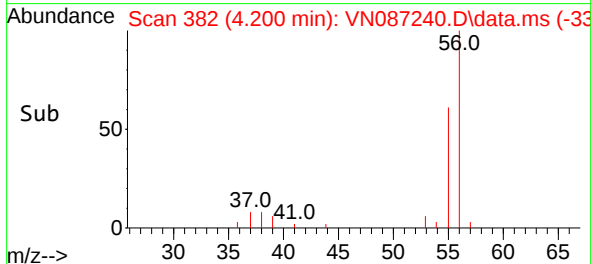
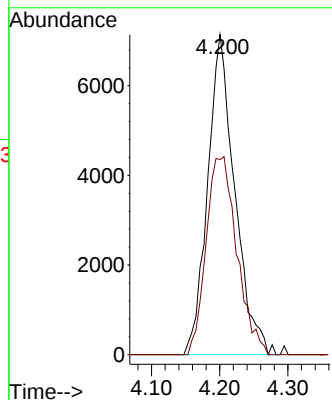
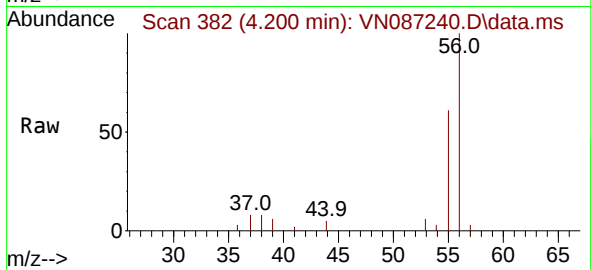




#13  
Acrolein  
Concen: 96.423 ug/l  
RT: 4.200 min Scan# 382  
Delta R.T. -0.000 min  
Lab File: VN087240.D  
Acq: 30 Jun 2025 13:47

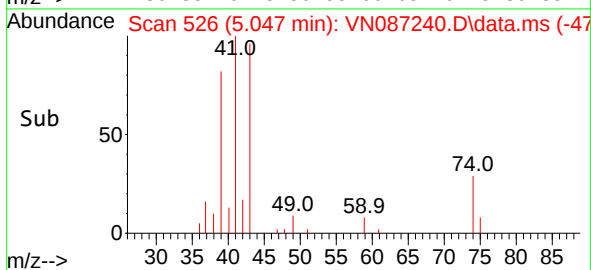
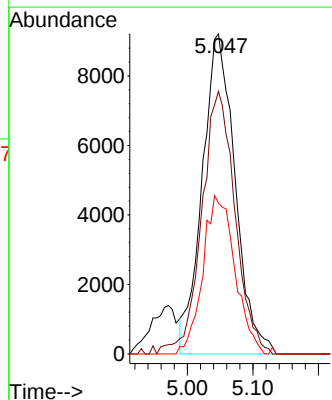
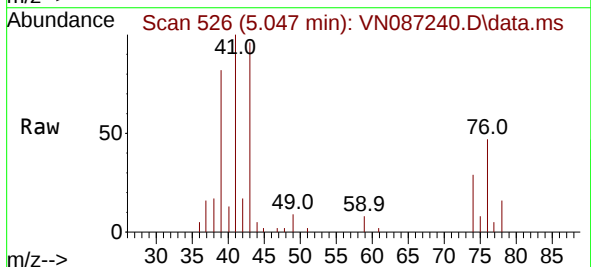
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC020

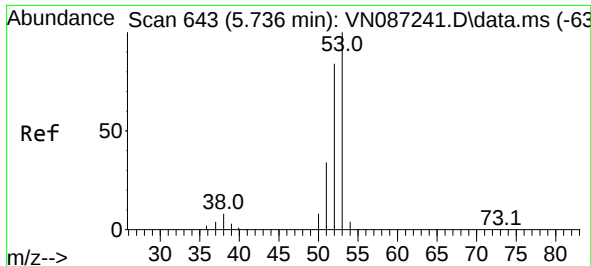
Tgt Ion: 56 Resp: 19778  
Ion Ratio Lower Upper  
56 100  
55 70.0 58.6 88.0



#14  
Allyl chloride  
Concen: 21.709 ug/l  
RT: 5.047 min Scan# 526  
Delta R.T. -0.000 min  
Lab File: VN087240.D  
Acq: 30 Jun 2025 13:47

Tgt Ion: 41 Resp: 32031  
Ion Ratio Lower Upper  
41 100  
39 83.7 66.3 99.5  
76 48.3 38.6 58.0

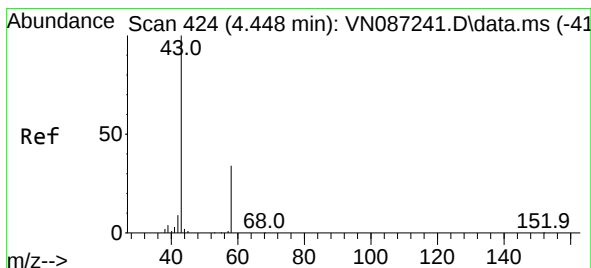
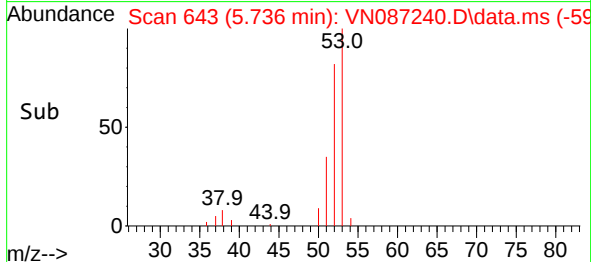
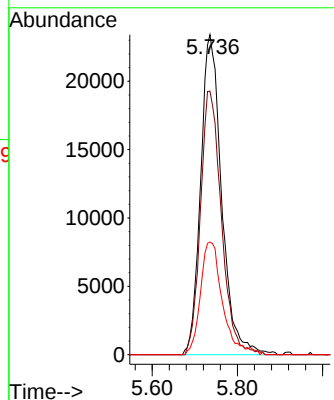
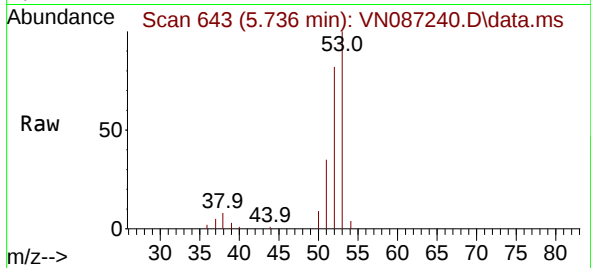




#15  
Acrylonitrile  
Concen: 108.836 ug/l  
RT: 5.736 min Scan# 643  
Delta R.T. -0.000 min  
Lab File: VN087240.D  
Acq: 30 Jun 2025 13:47

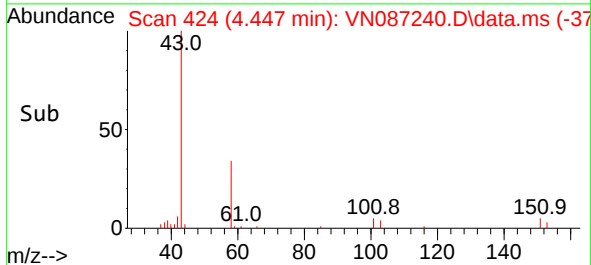
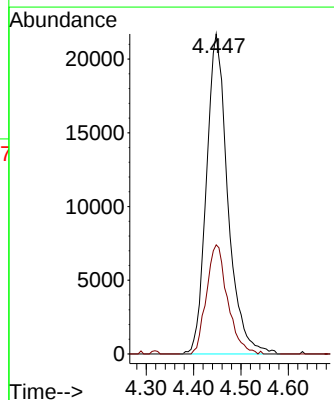
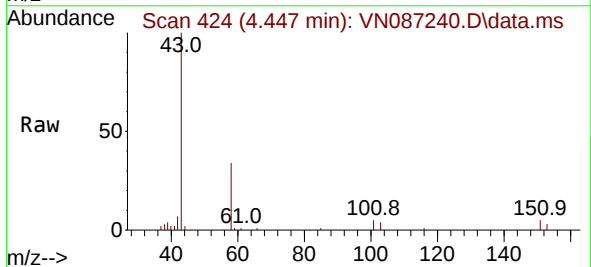
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC020

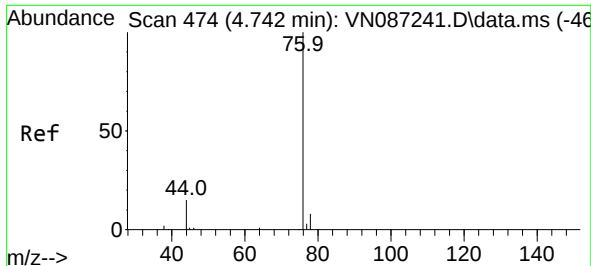
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 80075 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 82.1  | 66.5  | 99.7  |
| 51       | 36.2  | 29.1  | 43.7  |



#16  
Acetone  
Concen: 109.426 ug/l  
RT: 4.447 min Scan# 424  
Delta R.T. -0.000 min  
Lab File: VN087240.D  
Acq: 30 Jun 2025 13:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 67981 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 34.1  | 27.1  | 40.7  |





#17

Carbon Disulfide

Concen: 21.349 ug/l

RT: 4.736 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN087240.D

Acq: 30 Jun 2025 13:47

Instrument :

MSVOA\_N

ClientSampleId :

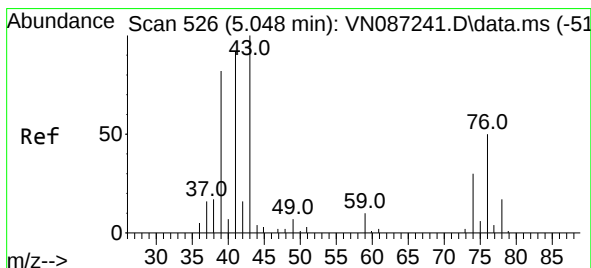
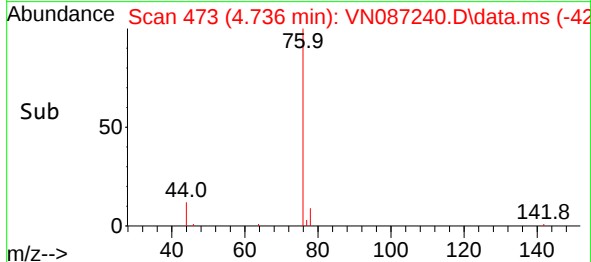
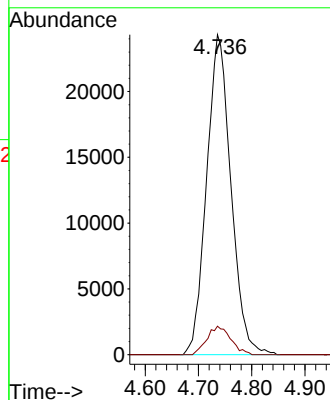
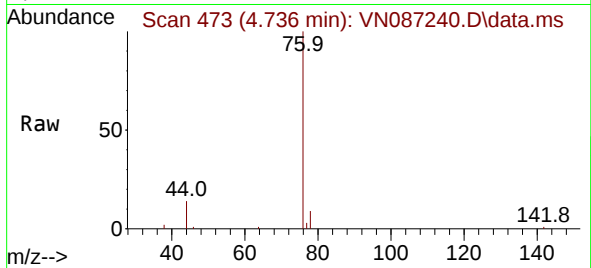
VSTDICC020

Tgt Ion: 76 Resp: 77115

Ion Ratio Lower Upper

76 100

78 8.9 6.8 10.2



#18

Methyl Acetate

Concen: 22.426 ug/l

RT: 5.042 min Scan# 525

Delta R.T. -0.006 min

Lab File: VN087240.D

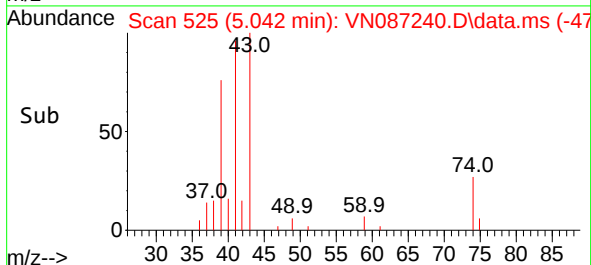
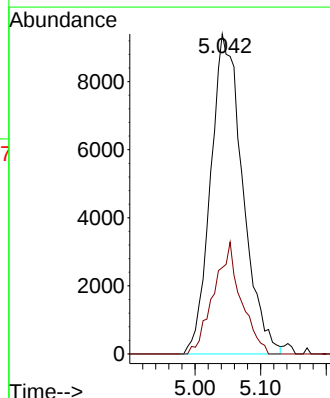
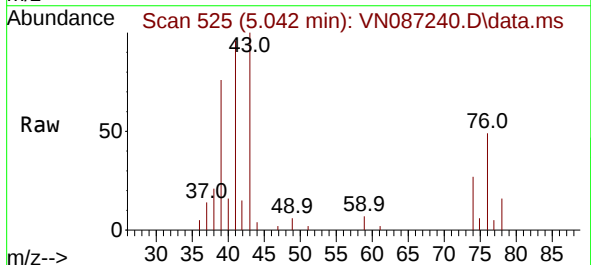
Acq: 30 Jun 2025 13:47

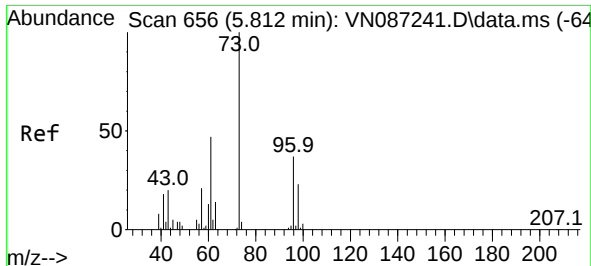
Tgt Ion: 43 Resp: 31895

Ion Ratio Lower Upper

43 100

74 29.7 23.8 35.6

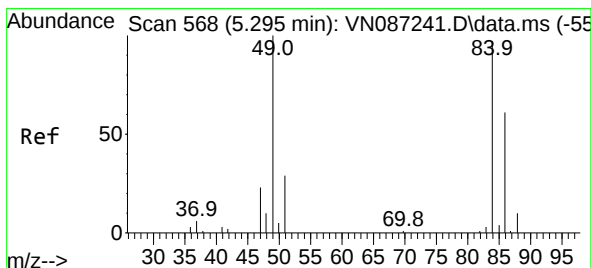
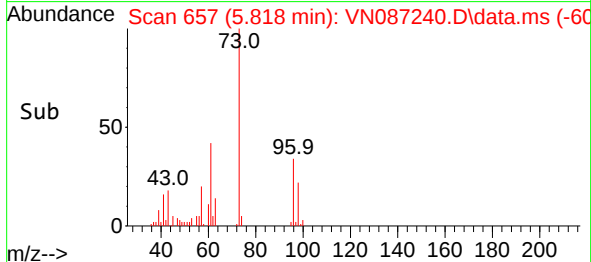
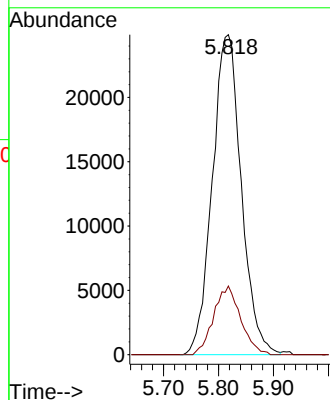
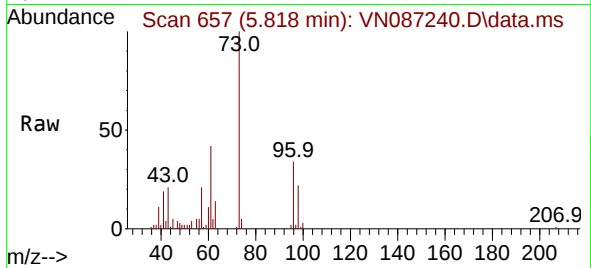




#19  
Methyl tert-butyl Ether  
Concen: 21.584 ug/l  
RT: 5.818 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN087240.D  
Acq: 30 Jun 2025 13:47

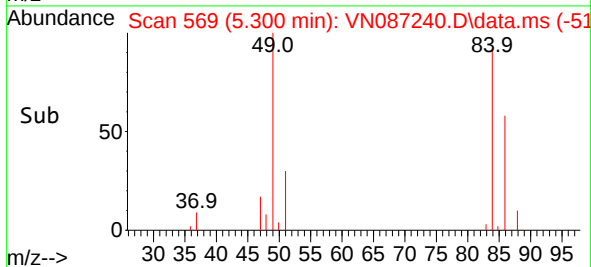
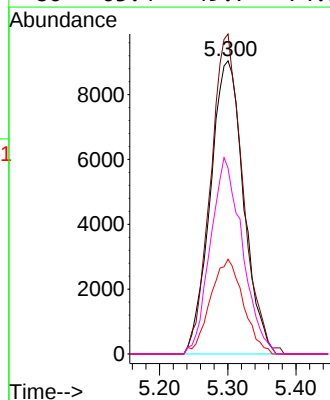
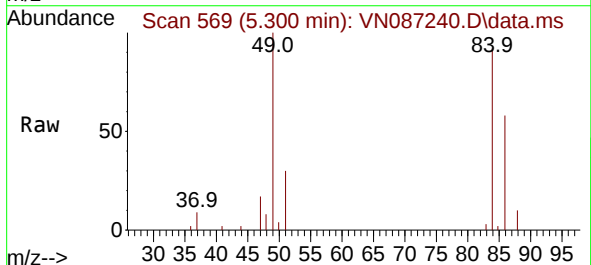
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

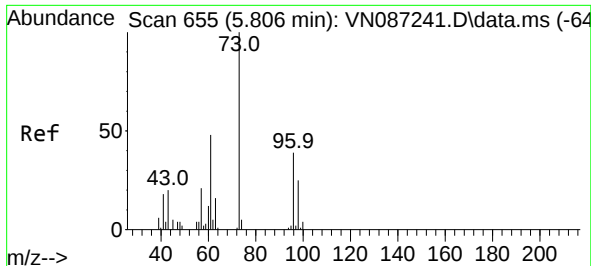
Tgt Ion: 73 Resp: 91072  
Ion Ratio Lower Upper  
73 100  
57 21.5 16.7 25.1



#20  
Methylene Chloride  
Concen: 22.336 ug/l  
RT: 5.300 min Scan# 569  
Delta R.T. 0.006 min  
Lab File: VN087240.D  
Acq: 30 Jun 2025 13:47

Tgt Ion: 84 Resp: 30740  
Ion Ratio Lower Upper  
84 100  
49 109.2 82.1 123.1  
51 32.3 23.5 35.3  
86 63.4 49.7 74.5

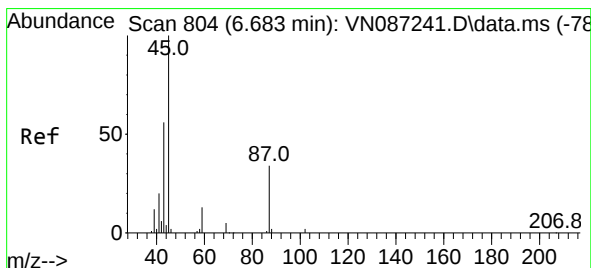
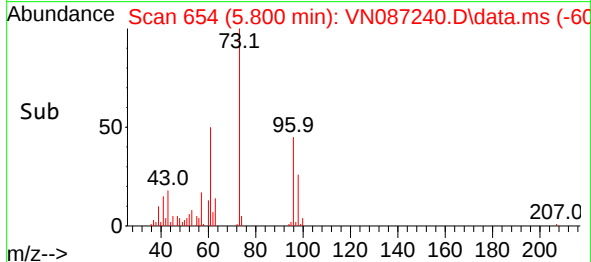
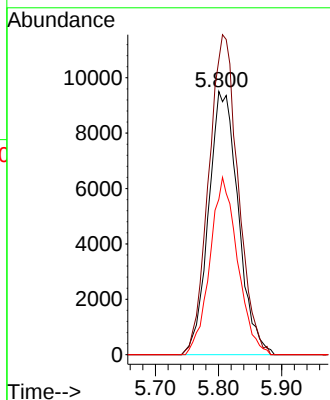
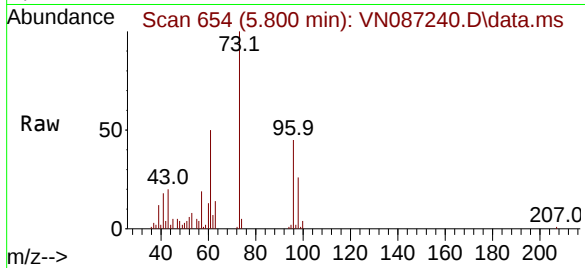




#21  
trans-1,2-Dichloroethene  
Concen: 21.349 ug/l  
RT: 5.800 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN087240.D  
Acq: 30 Jun 2025 13:47

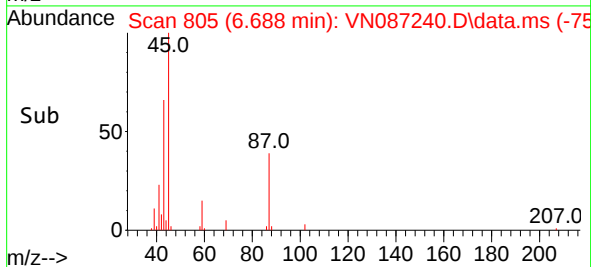
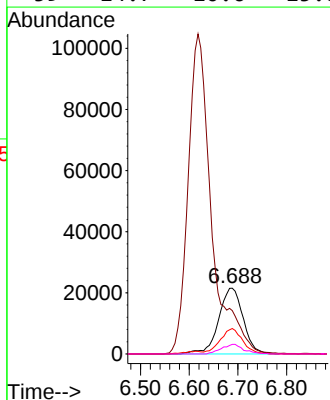
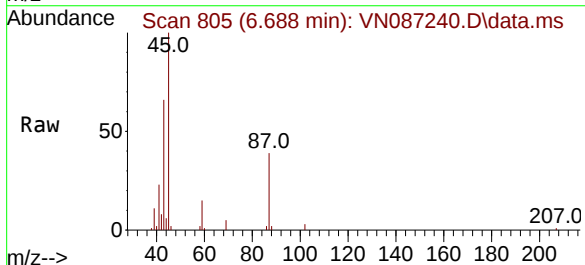
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC020

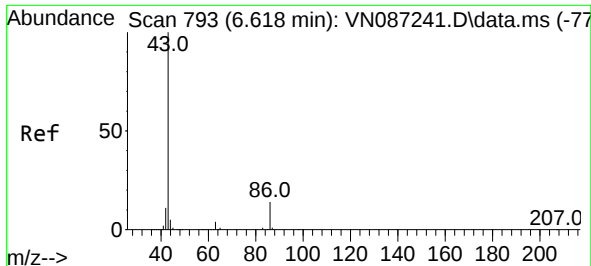
Tgt Ion: 96 Resp: 31057  
Ion Ratio Lower Upper  
96 100  
61 112.0 98.2 147.2  
98 59.0 50.0 75.0



#22  
Diisopropyl ether  
Concen: 21.283 ug/l  
RT: 6.688 min Scan# 805  
Delta R.T. 0.006 min  
Lab File: VN087240.D  
Acq: 30 Jun 2025 13:47

Tgt Ion: 45 Resp: 75186  
Ion Ratio Lower Upper  
45 100  
43 64.9 50.1 75.1  
87 38.7 27.5 41.3  
59 14.7 10.6 15.8

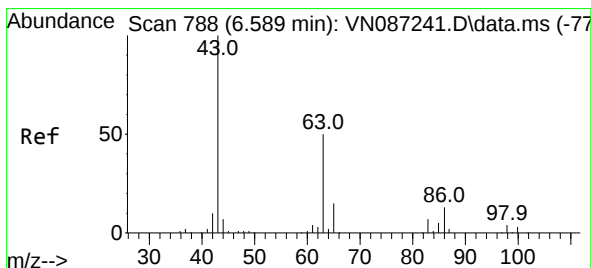
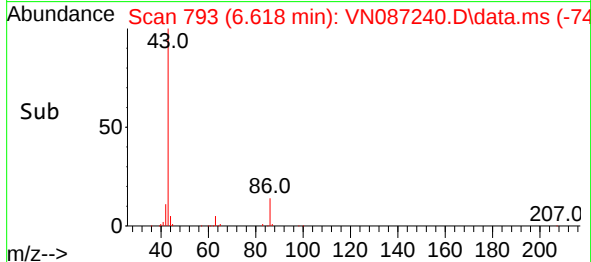
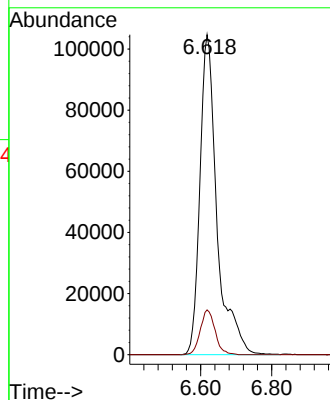
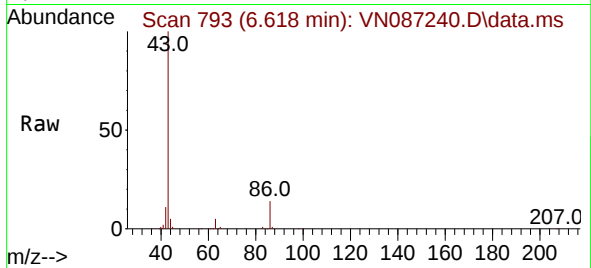




#23  
 Vinyl Acetate  
 Concen: 107.058 ug/l  
 RT: 6.618 min Scan# 793  
 Delta R.T. -0.000 min  
 Lab File: VN087240.D  
 Acq: 30 Jun 2025 13:47

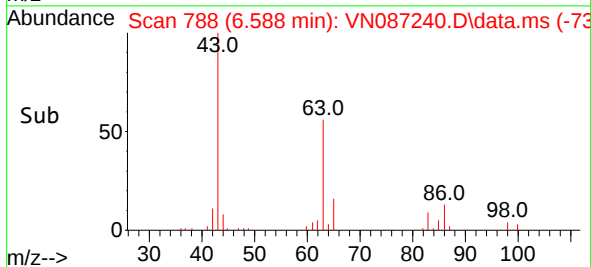
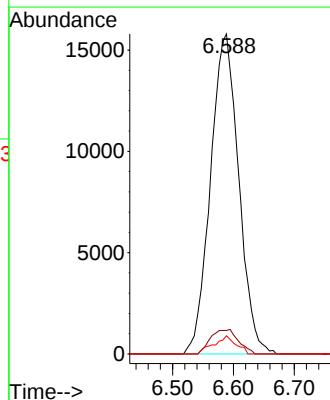
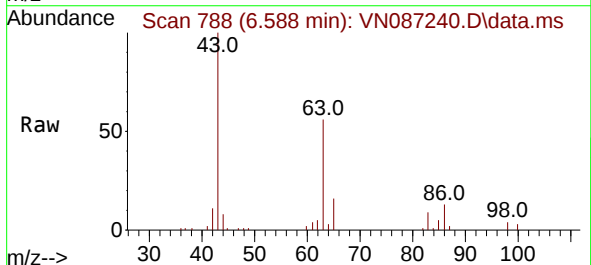
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC020

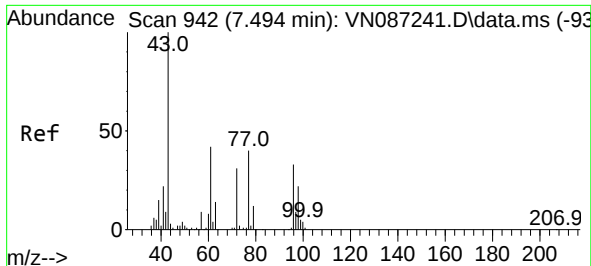
Tgt Ion: 43 Resp: 349770  
 Ion Ratio Lower Upper  
 43 100  
 86 14.0 11.0 16.4



#24  
 1,1-Dichloroethane  
 Concen: 21.998 ug/l  
 RT: 6.588 min Scan# 788  
 Delta R.T. -0.000 min  
 Lab File: VN087240.D  
 Acq: 30 Jun 2025 13:47

Tgt Ion: 63 Resp: 50915  
 Ion Ratio Lower Upper  
 63 100  
 98 7.3 3.5 10.6  
 100 5.7 2.7 8.1

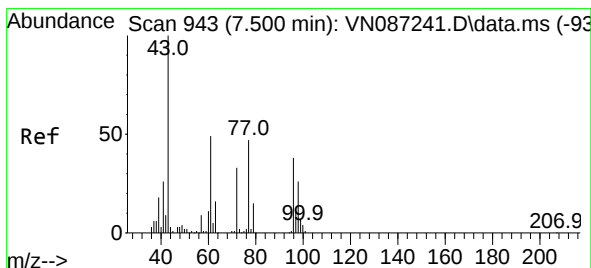
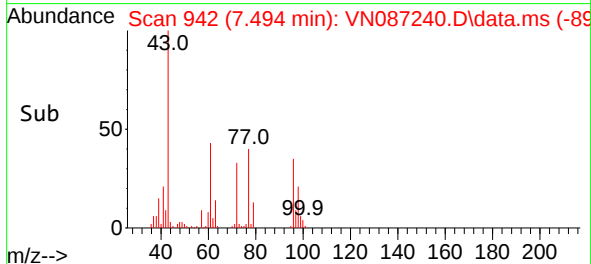
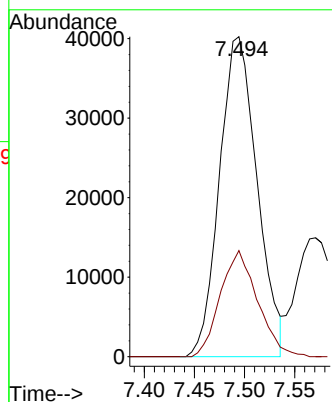
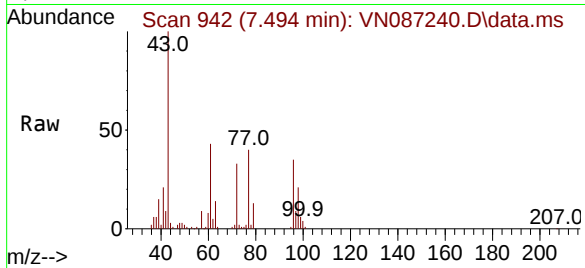




#25  
2-Butanone  
Concen: 108.184 ug/l  
RT: 7.494 min Scan# 942  
Delta R.T. -0.000 min  
Lab File: VN087240.D  
Acq: 30 Jun 2025 13:47

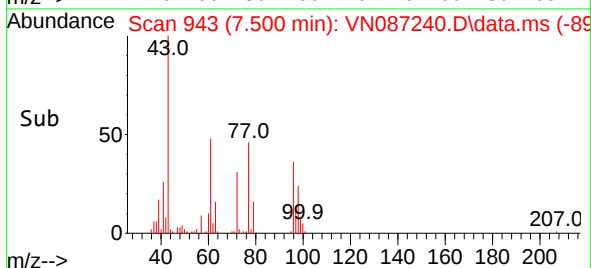
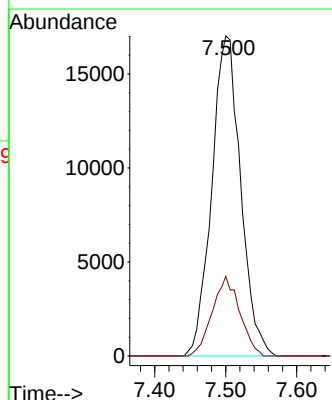
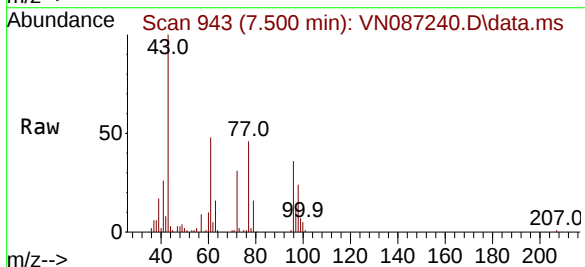
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC020

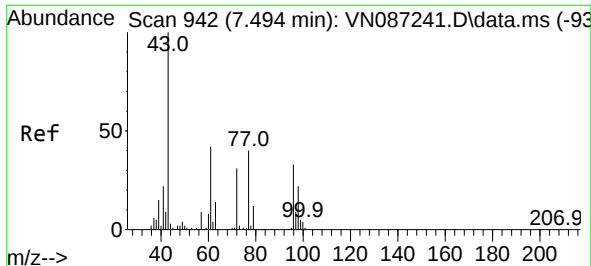
Tgt Ion: 43 Resp: 105032  
Ion Ratio Lower Upper  
43 100  
72 33.2 24.8 37.2



#26  
2,2-Dichloropropane  
Concen: 21.675 ug/l  
RT: 7.500 min Scan# 943  
Delta R.T. -0.000 min  
Lab File: VN087240.D  
Acq: 30 Jun 2025 13:47

Tgt Ion: 77 Resp: 48007  
Ion Ratio Lower Upper  
77 100  
97 23.6 11.8 35.3

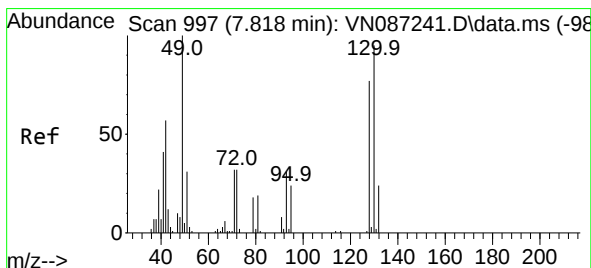
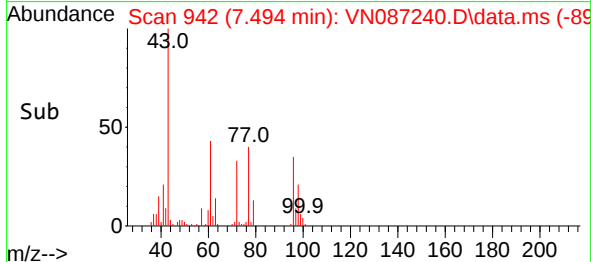
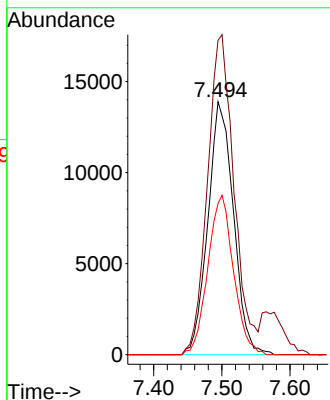
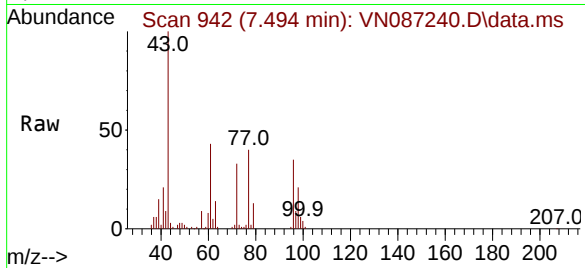




#27  
 cis-1,2-Dichloroethene  
 Concen: 21.634 ug/l  
 RT: 7.494 min Scan# 942  
 Delta R.T. -0.000 min  
 Lab File: VN087240.D  
 Acq: 30 Jun 2025 13:47

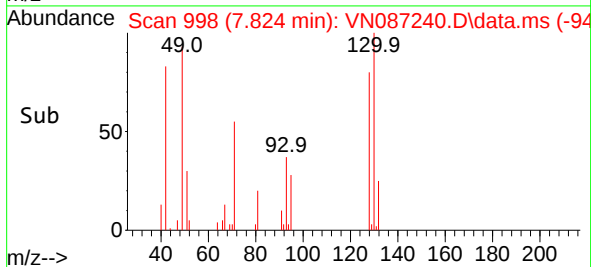
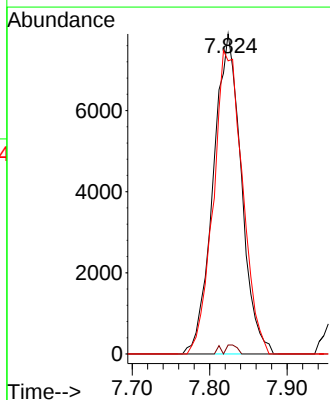
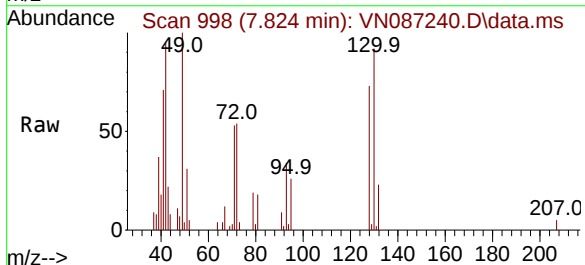
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC020

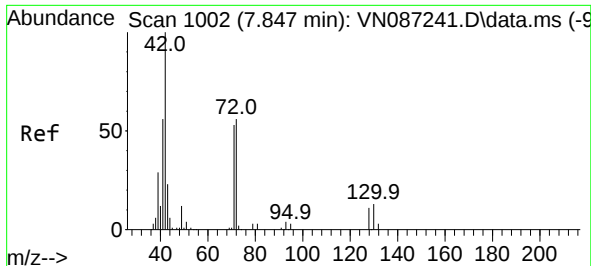
|             |             |
|-------------|-------------|
| Tgt Ion: 96 | Resp: 36346 |
| Ion Ratio   | Lower Upper |
| 96 100      |             |
| 61 130.9    | 0.0 258.8   |
| 98 63.1     | 0.0 130.8   |



#28  
 Bromochloromethane  
 Concen: 19.451 ug/l  
 RT: 7.824 min Scan# 998  
 Delta R.T. 0.006 min  
 Lab File: VN087240.D  
 Acq: 30 Jun 2025 13:47

|             |             |
|-------------|-------------|
| Tgt Ion: 49 | Resp: 19872 |
| Ion Ratio   | Lower Upper |
| 49 100      |             |
| 129 1.4     | 0.0 4.8     |
| 130 98.1    | 78.4 117.6  |





#29

Tetrahydrofuran

Concen: 108.126 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. -0.006 min

Lab File: VN087240.D

Acq: 30 Jun 2025 13:47

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC020

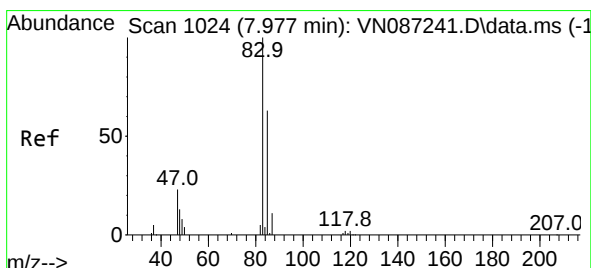
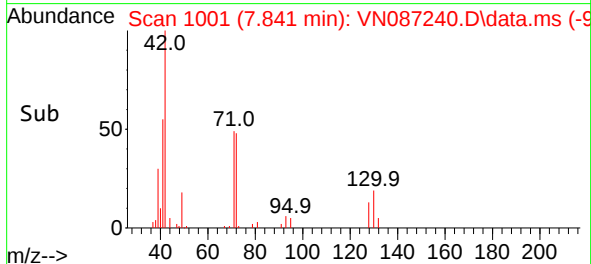
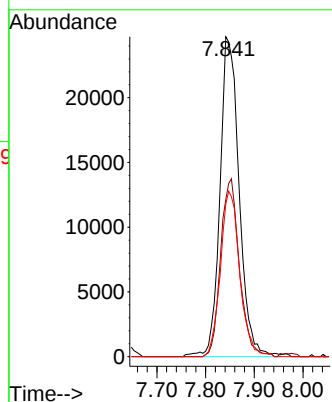
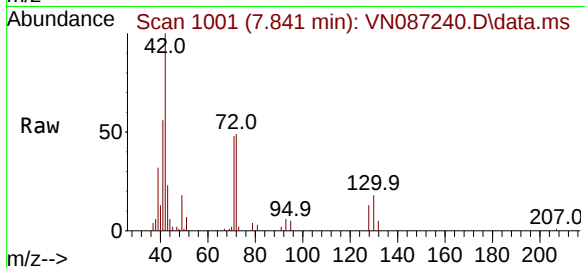
Tgt Ion: 42 Resp: 67646

Ion Ratio Lower Upper

42 100

72 54.5 44.2 66.4

71 51.9 41.1 61.7



#30

Chloroform

Concen: 22.244 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN087240.D

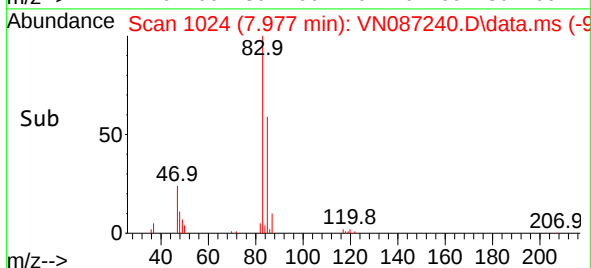
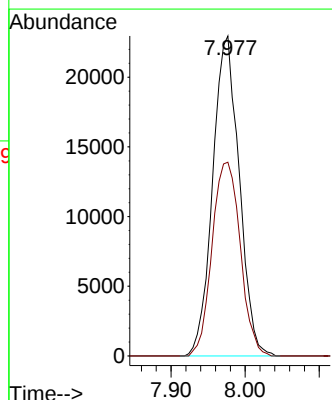
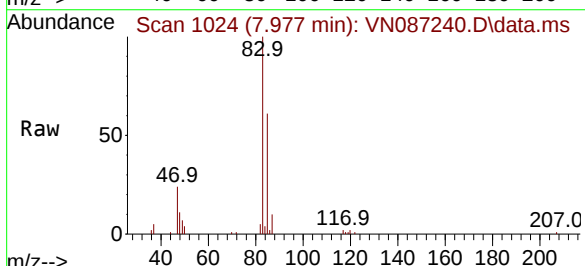
Acq: 30 Jun 2025 13:47

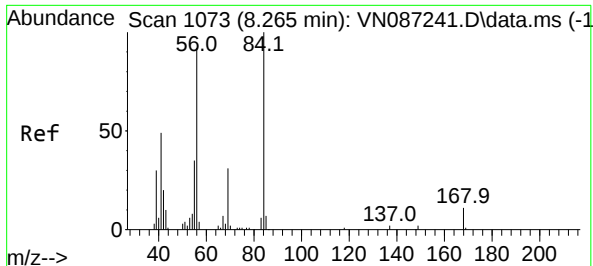
Tgt Ion: 83 Resp: 57066

Ion Ratio Lower Upper

83 100

85 60.5 50.3 75.5

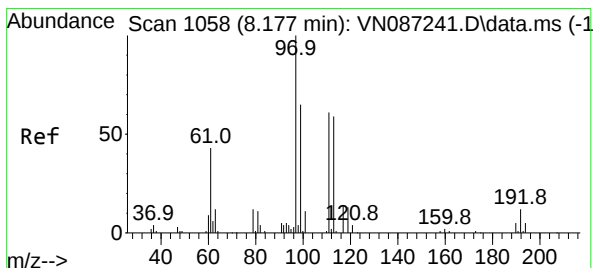
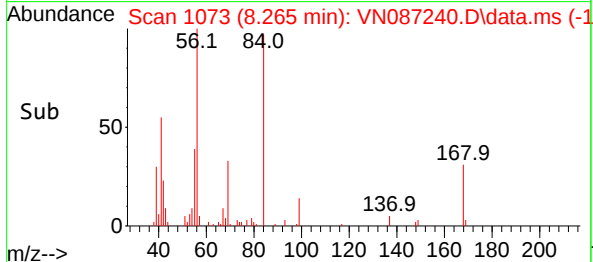
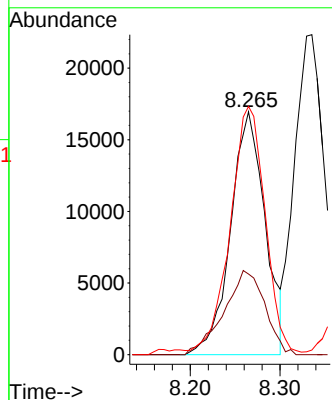
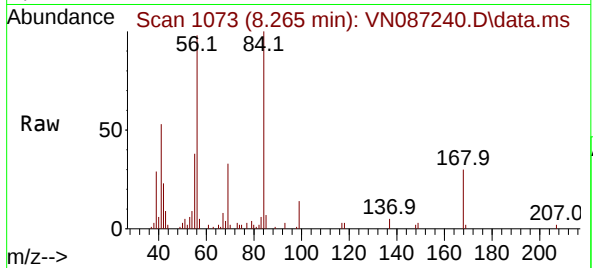




#31  
Cyclohexane  
Concen: 20.435 ug/l  
RT: 8.265 min Scan# 1073  
Delta R.T. -0.000 min  
Lab File: VN087240.D  
Acq: 30 Jun 2025 13:47

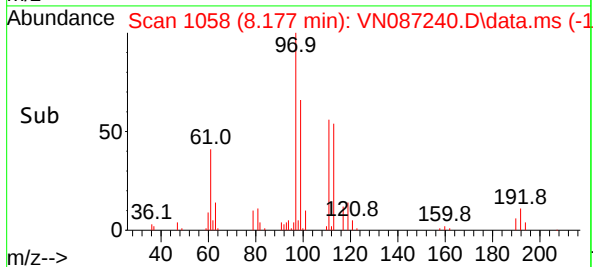
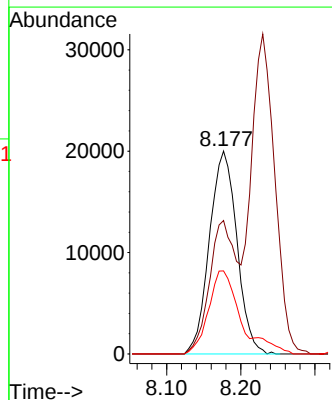
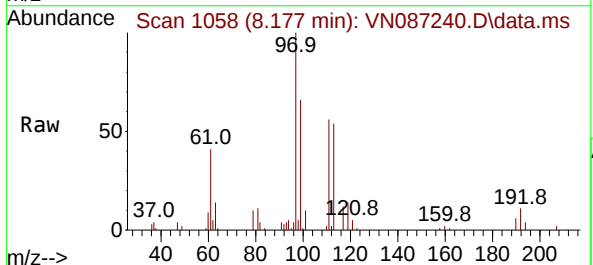
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

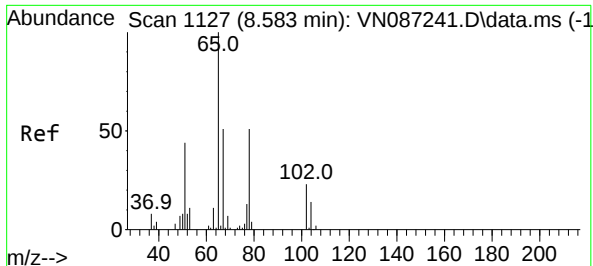
Tgt Ion: 56 Resp: 45223  
Ion Ratio Lower Upper  
56 100  
69 33.2 27.0 40.6  
84 100.2 86.2 129.4



#32  
1,1,1-Trichloroethane  
Concen: 21.545 ug/l  
RT: 8.177 min Scan# 1058  
Delta R.T. -0.000 min  
Lab File: VN087240.D  
Acq: 30 Jun 2025 13:47

Tgt Ion: 97 Resp: 51476  
Ion Ratio Lower Upper  
97 100  
99 65.4 49.5 74.3  
61 48.0 35.2 52.8

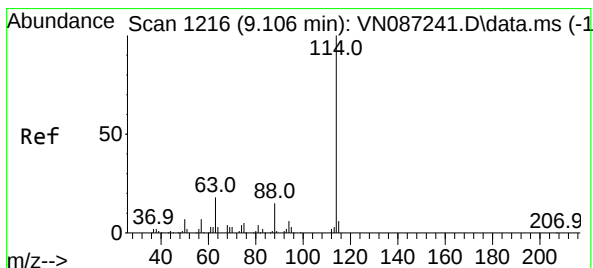
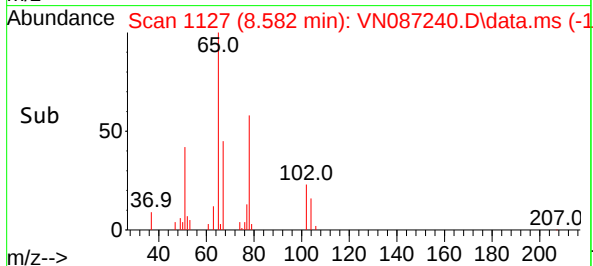
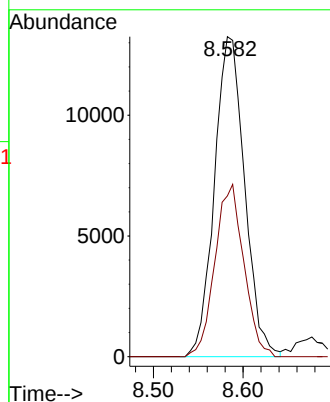
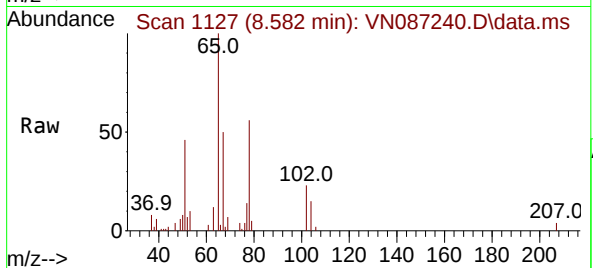




#33  
 1,2-Dichloroethane-d4  
 Concen: 19.058 ug/l  
 RT: 8.582 min Scan# 1127  
 Delta R.T. -0.000 min  
 Lab File: VN087240.D  
 Acq: 30 Jun 2025 13:47

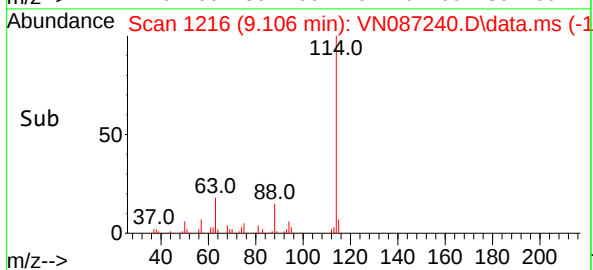
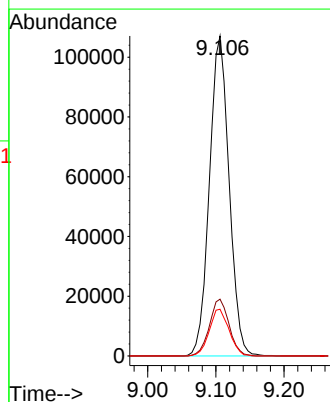
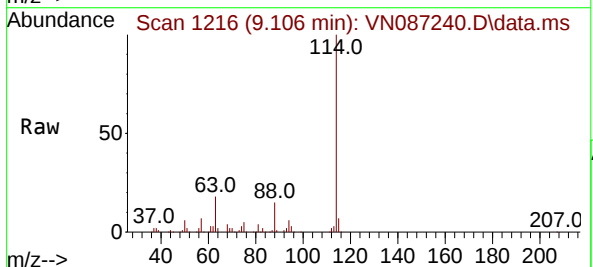
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC020

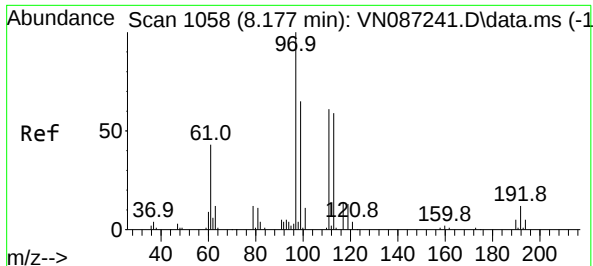
Tgt Ion: 65 Resp: 30968  
 Ion Ratio Lower Upper  
 65 100  
 67 51.5 0.0 102.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 9.106 min Scan# 1216  
 Delta R.T. -0.000 min  
 Lab File: VN087240.D  
 Acq: 30 Jun 2025 13:47

Tgt Ion: 114 Resp: 215181  
 Ion Ratio Lower Upper  
 114 100  
 63 17.7 0.0 36.6  
 88 14.6 0.0 29.6





#35

Dibromofluoromethane

Concen: 18.907 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN087240.D

Acq: 30 Jun 2025 13:47

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC020

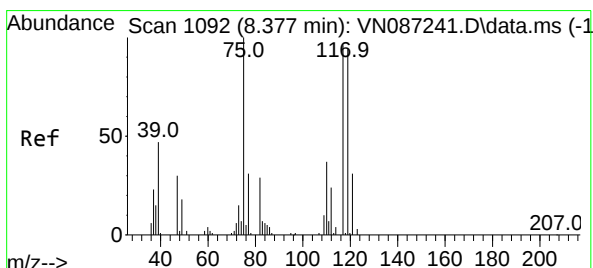
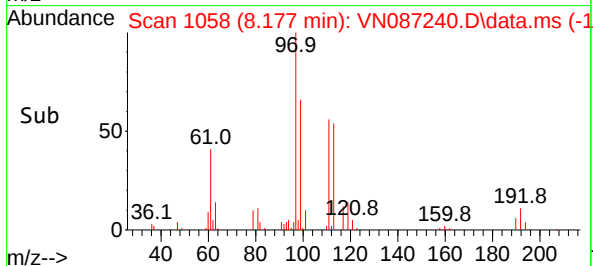
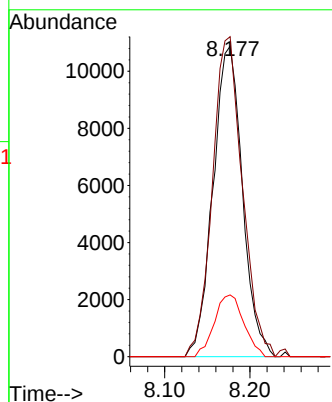
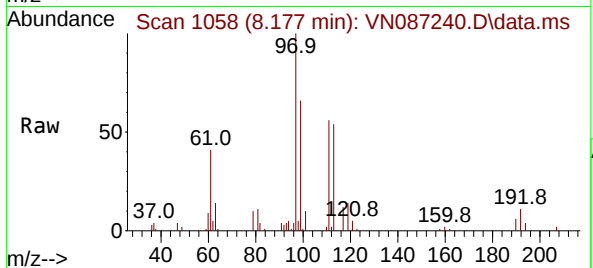
Tgt Ion:113 Resp: 26051

Ion Ratio Lower Upper

113 100

111 105.7 81.4 122.2

192 19.9 15.1 22.7



#36

1,1-Dichloropropene

Concen: 21.470 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN087240.D

Acq: 30 Jun 2025 13:47

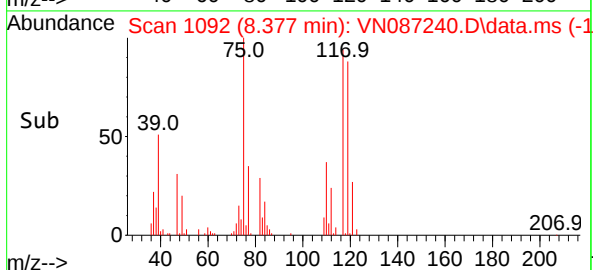
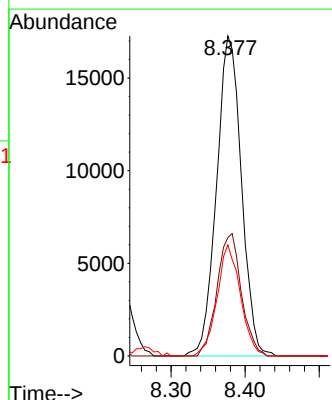
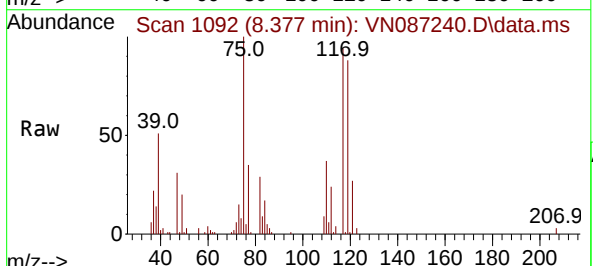
Tgt Ion: 75 Resp: 40228

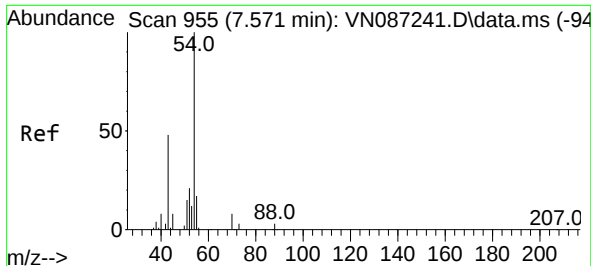
Ion Ratio Lower Upper

75 100

110 37.4 18.7 56.1

77 32.7 24.5 36.7

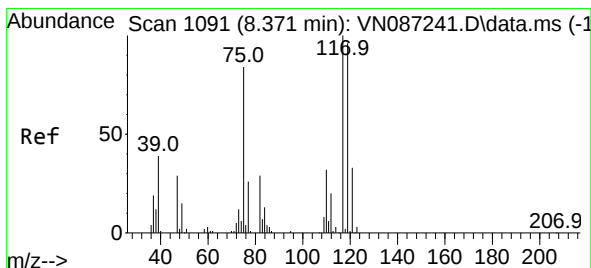
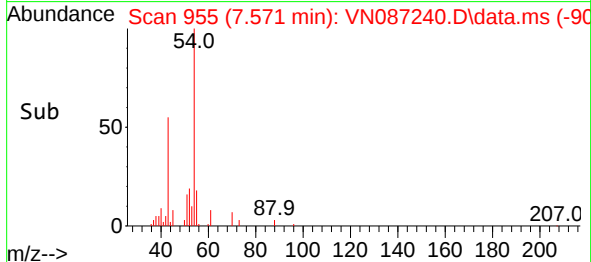
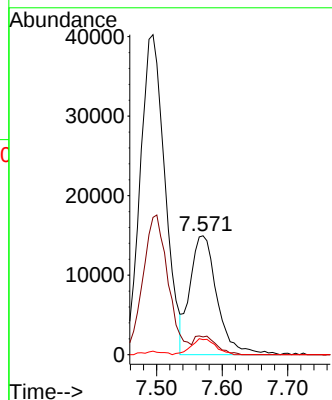
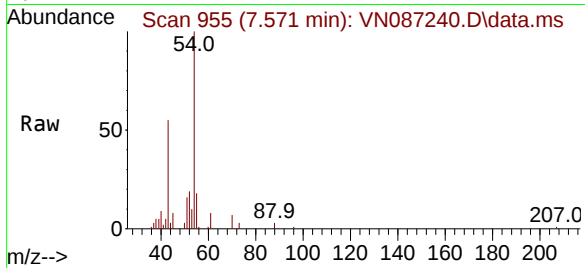




#37  
Ethyl Acetate  
Concen: 21.336 ug/l  
RT: 7.571 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN087240.D  
Acq: 30 Jun 2025 13:47

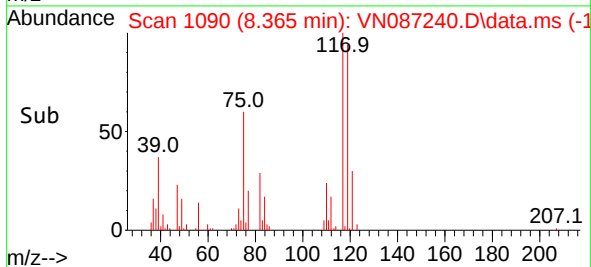
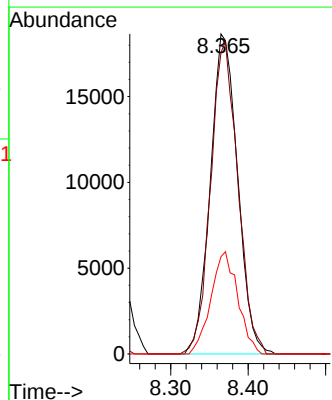
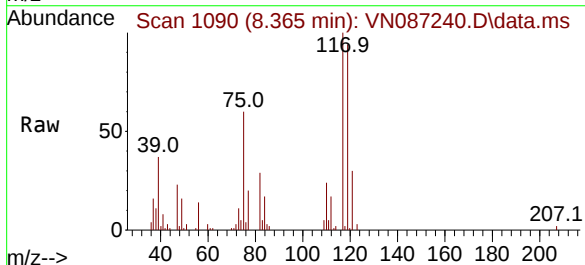
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

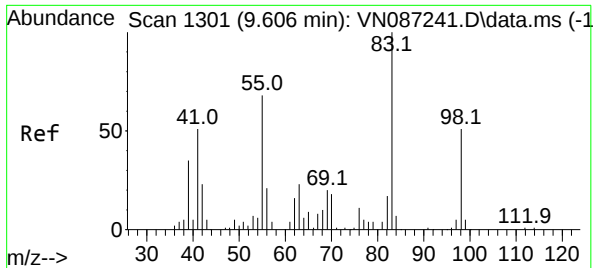
Tgt Ion: 43 Resp: 42975  
Ion Ratio Lower Upper  
43 100  
61 12.6 11.3 16.9  
70 12.0 9.9 14.9



#38  
Carbon Tetrachloride  
Concen: 21.477 ug/l  
RT: 8.365 min Scan# 1090  
Delta R.T. -0.006 min  
Lab File: VN087240.D  
Acq: 30 Jun 2025 13:47

Tgt Ion: 117 Resp: 45599  
Ion Ratio Lower Upper  
117 100  
119 94.3 77.2 115.8  
121 30.4 26.6 39.8





#39

Methylcyclohexane

Concen: 21.024 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN087240.D

Acq: 30 Jun 2025 13:47

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC020

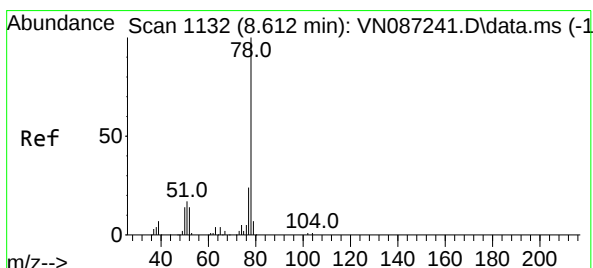
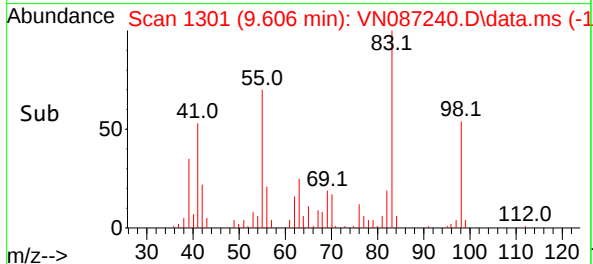
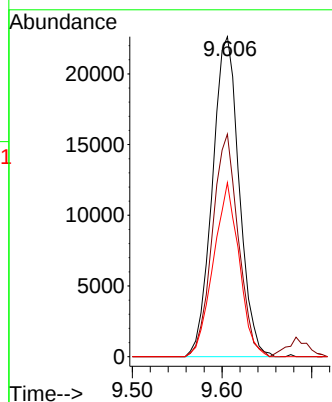
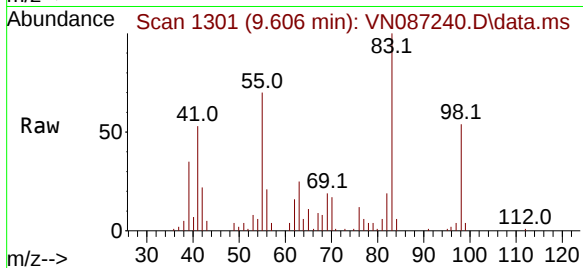
Tgt Ion: 83 Resp: 46912

Ion Ratio Lower Upper

83 100

55 69.5 54.6 81.8

98 54.3 41.2 61.8



#40

Benzene

Concen: 21.262 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN087240.D

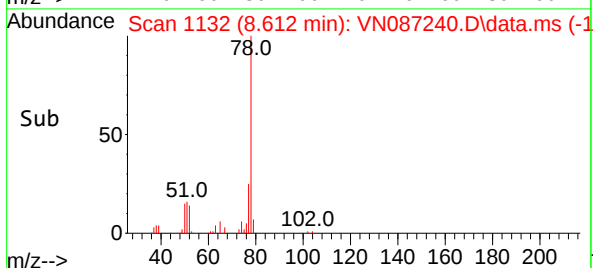
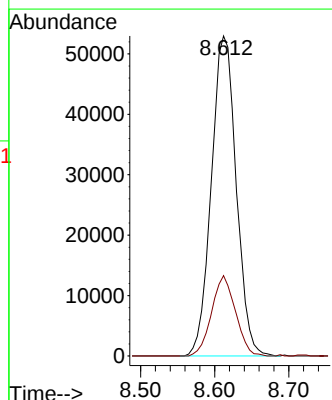
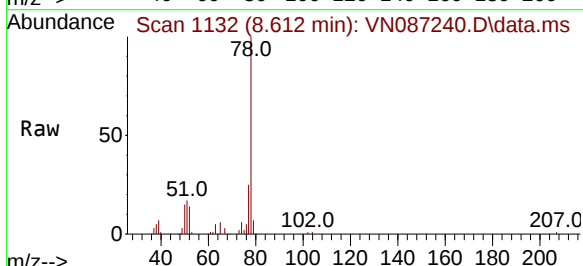
Acq: 30 Jun 2025 13:47

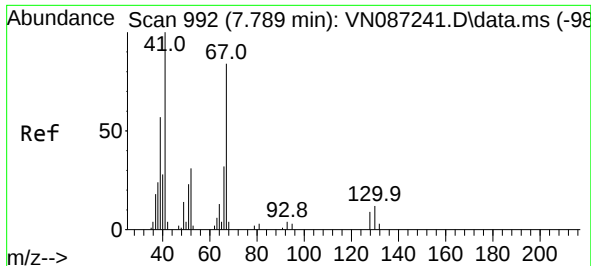
Tgt Ion: 78 Resp: 123421

Ion Ratio Lower Upper

78 100

77 25.1 19.5 29.3

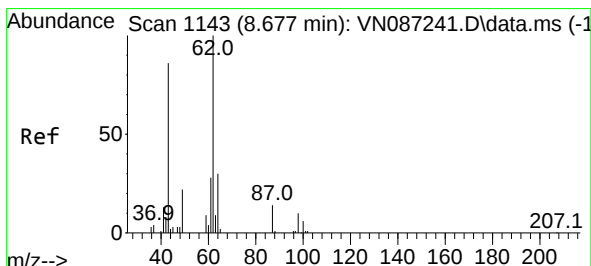
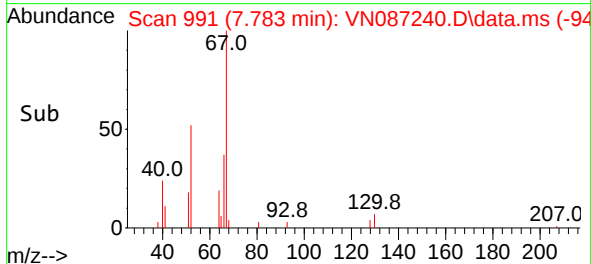
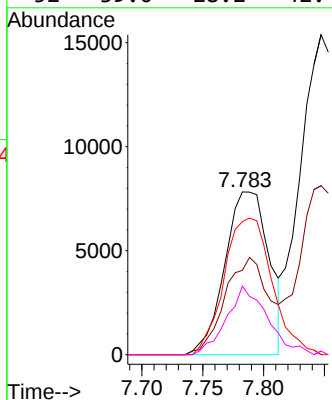
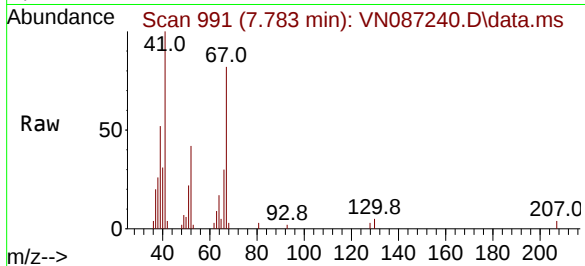




#41  
Methacrylonitrile  
Concen: 20.554 ug/l  
RT: 7.783 min Scan# 991  
Delta R.T. -0.006 min  
Lab File: VN087240.D  
Acq: 30 Jun 2025 13:47

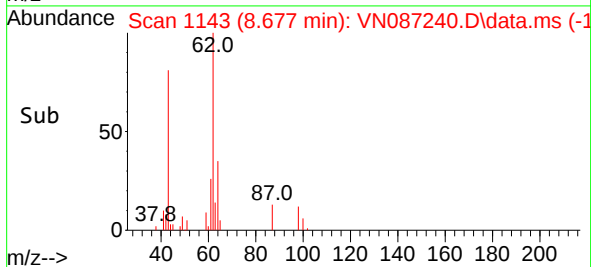
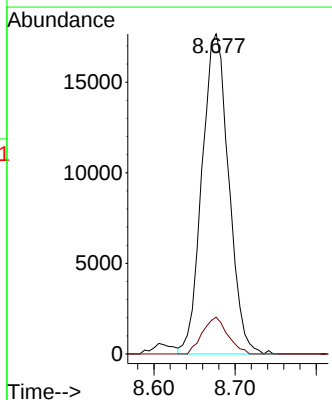
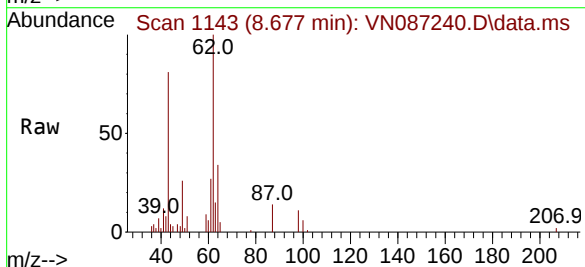
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

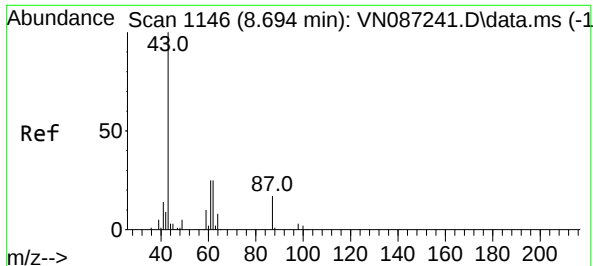
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 19794 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 58.9  | 46.4  | 69.6  |
| 67       | 90.8  | 70.8  | 106.2 |
| 52       | 39.0  | 28.2  | 42.4  |



#42  
1,2-Dichloroethane  
Concen: 20.953 ug/l  
RT: 8.677 min Scan# 1143  
Delta R.T. -0.000 min  
Lab File: VN087240.D  
Acq: 30 Jun 2025 13:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 40449 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 10.8  | 0.0   | 19.8  |

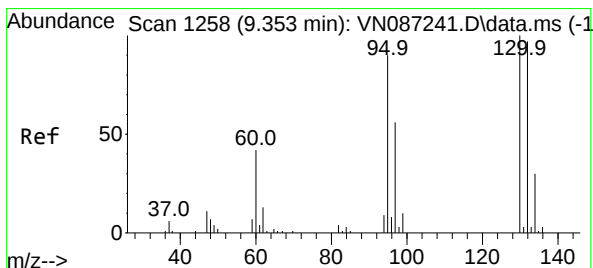
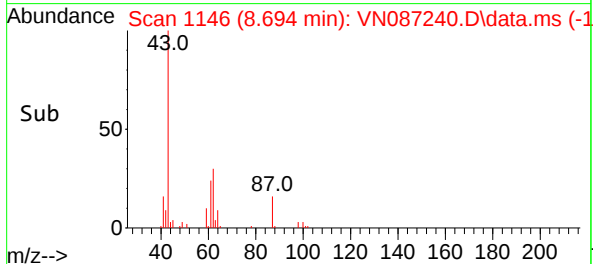
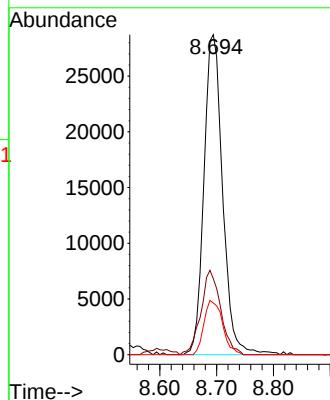
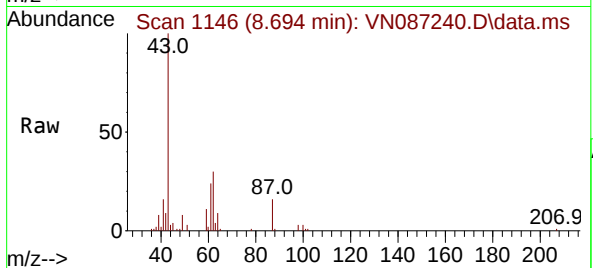




#43  
Isopropyl Acetate  
Concen: 20.986 ug/l  
RT: 8.694 min Scan# 1146  
Delta R.T. -0.000 min  
Lab File: VN087240.D  
Acq: 30 Jun 2025 13:47

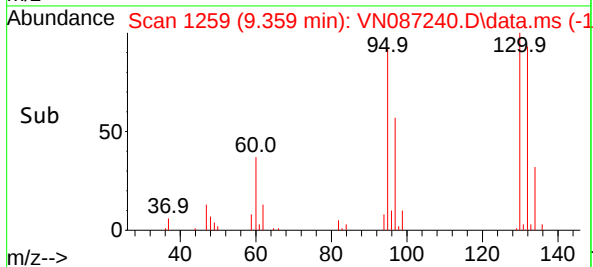
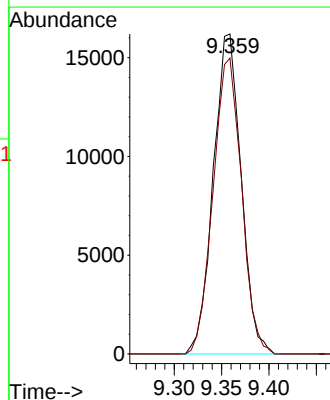
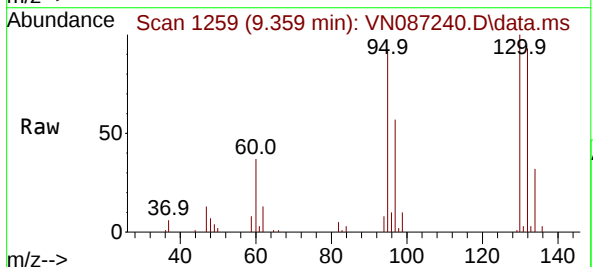
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC020

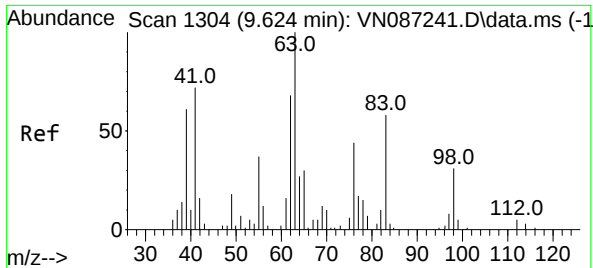
Tgt Ion: 43 Resp: 65553  
Ion Ratio Lower Upper  
43 100  
61 28.0 22.4 33.6  
87 16.8 12.8 19.2



#44  
Trichloroethene  
Concen: 21.472 ug/l  
RT: 9.359 min Scan# 1259  
Delta R.T. 0.006 min  
Lab File: VN087240.D  
Acq: 30 Jun 2025 13:47

Tgt Ion:130 Resp: 33119  
Ion Ratio Lower Upper  
130 100  
95 92.4 0.0 179.2





#45

1,2-Dichloropropane

Concen: 21.842 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN087240.D

Acq: 30 Jun 2025 13:47

Instrument :

MSVOA\_N

ClientSampleId :

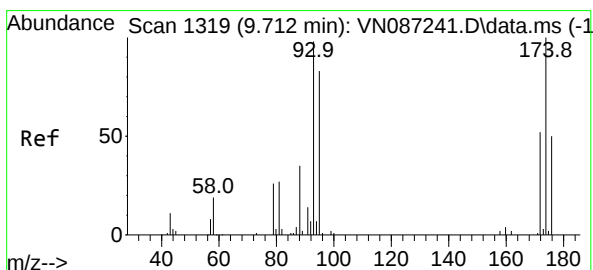
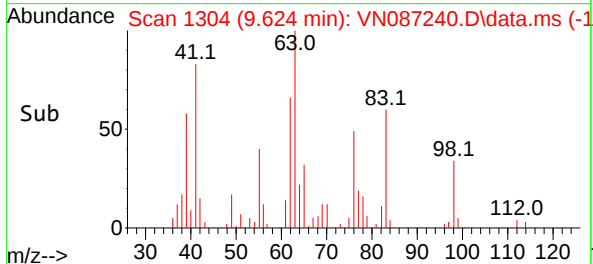
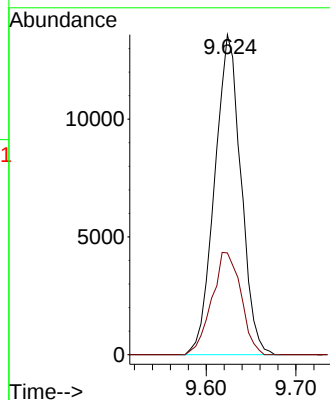
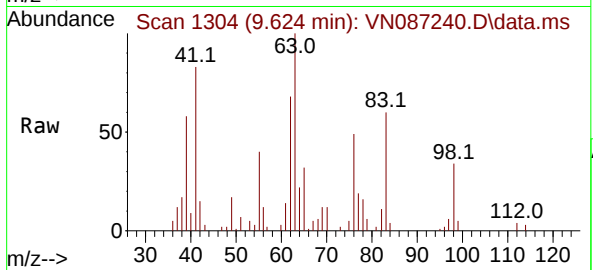
VSTDIC020

Tgt Ion: 63 Resp: 27644

Ion Ratio Lower Upper

63 100

65 31.8 23.8 35.8



#46

Dibromomethane

Concen: 21.685 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN087240.D

Acq: 30 Jun 2025 13:47

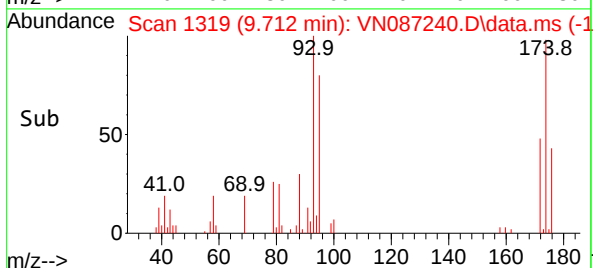
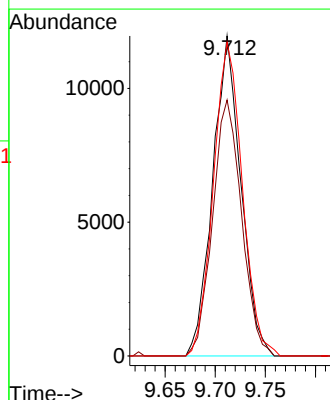
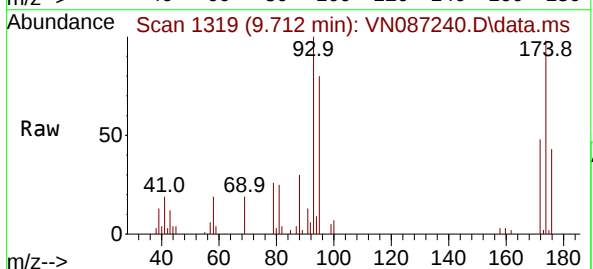
Tgt Ion: 93 Resp: 23348

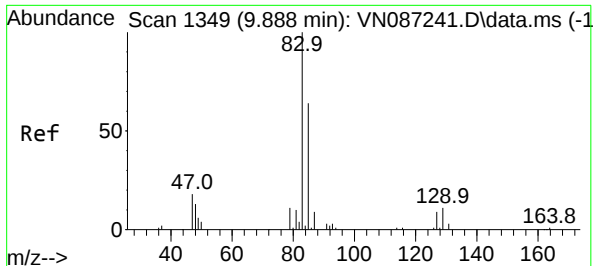
Ion Ratio Lower Upper

93 100

95 82.4 66.1 99.1

174 100.9 81.8 122.6





#47

Bromodichloromethane

Concen: 21.858 ug/l

RT: 9.888 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087240.D

Acq: 30 Jun 2025 13:47

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC020

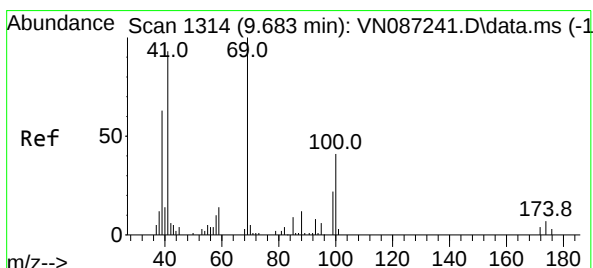
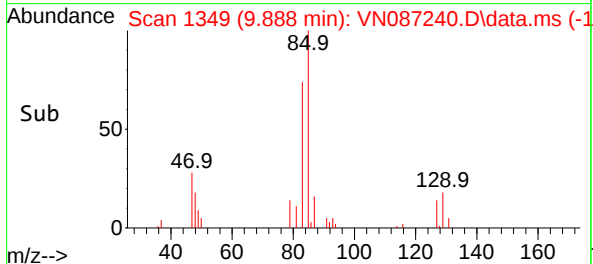
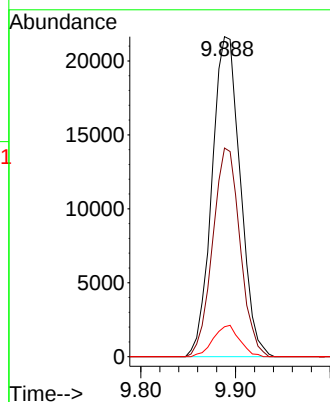
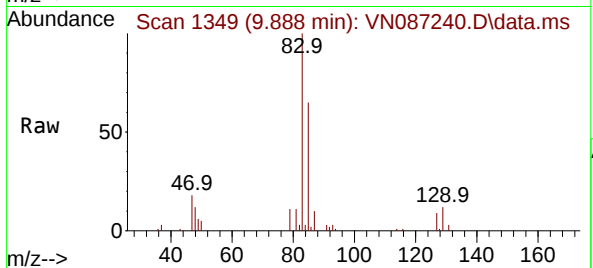
Tgt Ion: 83 Resp: 44885

Ion Ratio Lower Upper

83 100

85 65.2 51.2 76.8

127 9.4 7.0 10.4



#48

Methyl methacrylate

Concen: 21.115 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VN087240.D

Acq: 30 Jun 2025 13:47

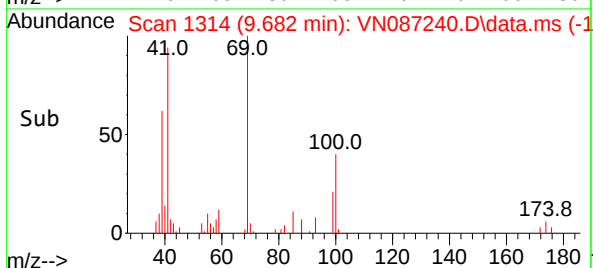
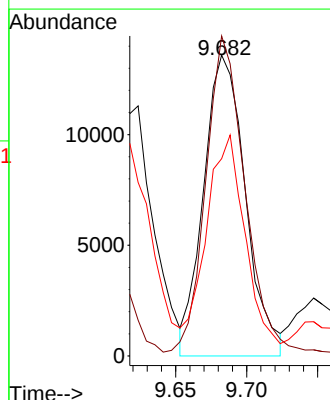
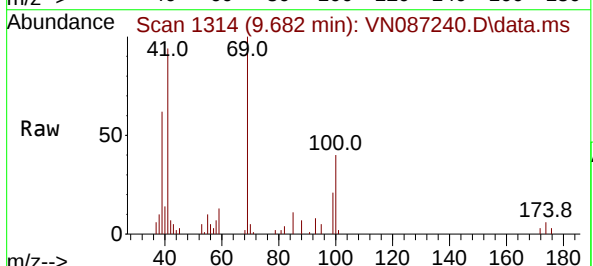
Tgt Ion: 41 Resp: 27798

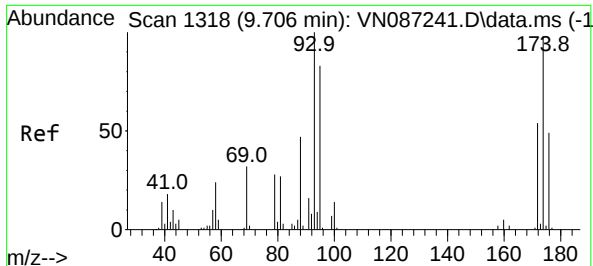
Ion Ratio Lower Upper

41 100

69 102.1 81.4 122.2

39 68.9 56.9 85.3





#49

1,4-Dioxane

Concen: 414.726 ug/l

RT: 9.706 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087240.D

Acq: 30 Jun 2025 13:47

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC020

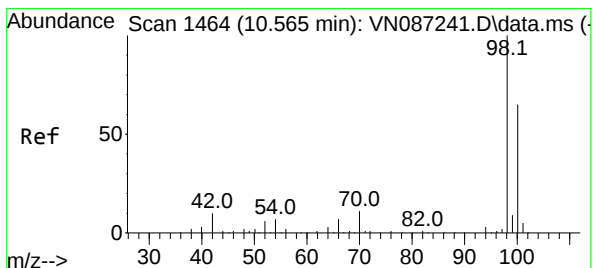
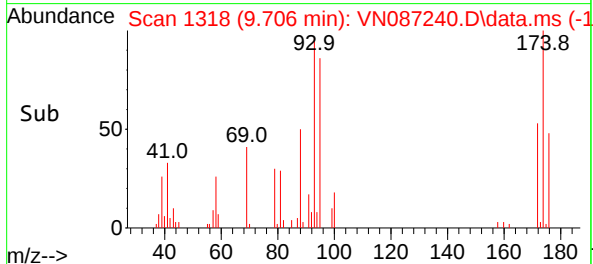
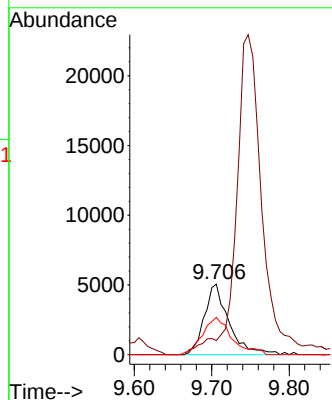
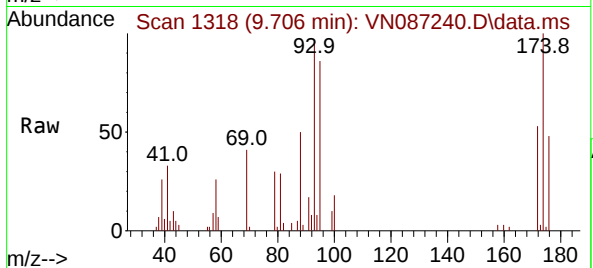
Tgt Ion: 88 Resp: 11099

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 63.0 47.8 71.8



#50

Toluene-d8

Concen: 18.435 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN087240.D

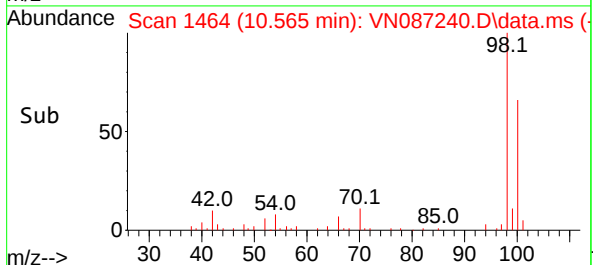
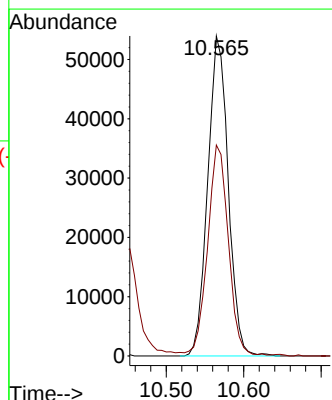
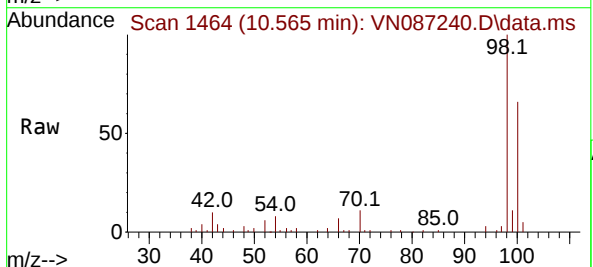
Acq: 30 Jun 2025 13:47

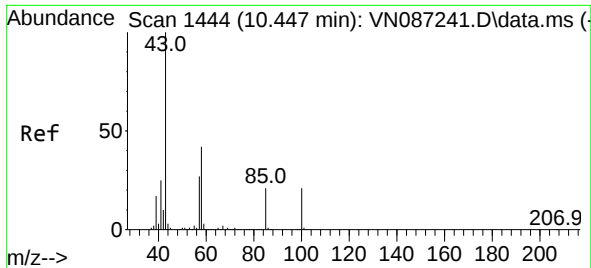
Tgt Ion: 98 Resp: 99006

Ion Ratio Lower Upper

98 100

100 66.0 52.1 78.1

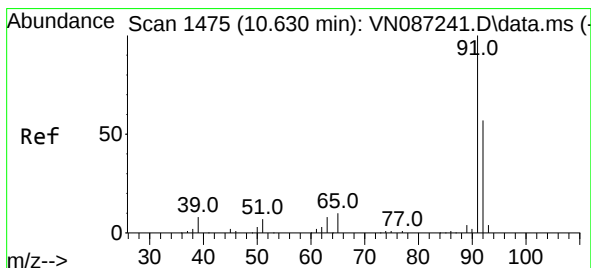
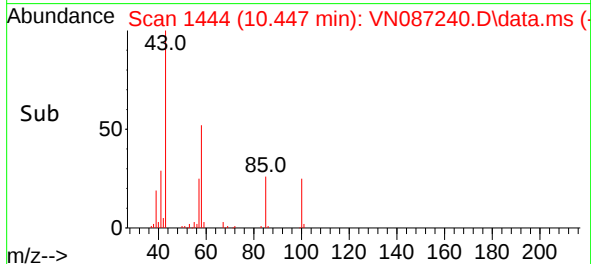
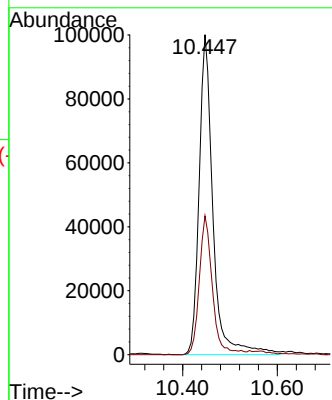
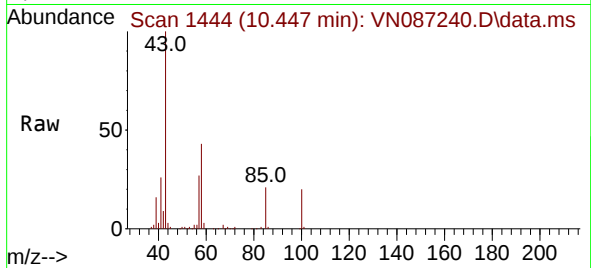




#51  
4-Methyl-2-Pentanone  
Concen: 106.049 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. -0.000 min  
Lab File: VN087240.D  
Acq: 30 Jun 2025 13:47

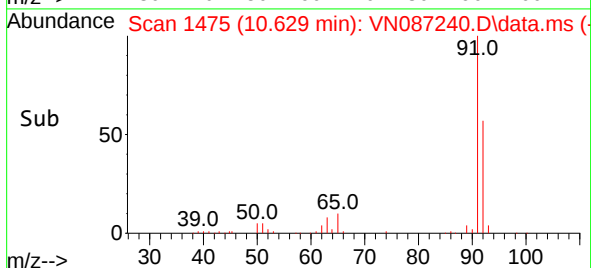
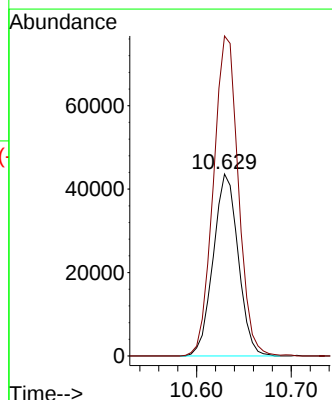
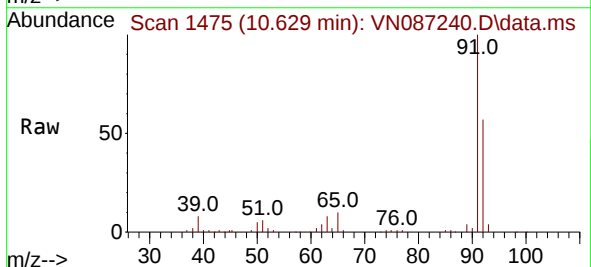
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

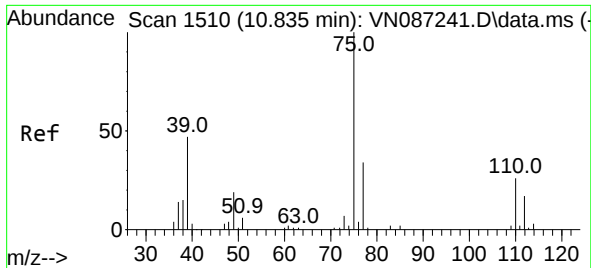
Tgt Ion: 43 Resp: 202677  
Ion Ratio Lower Upper  
43 100  
58 41.2 34.2 51.2



#52  
Toluene  
Concen: 20.992 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VN087240.D  
Acq: 30 Jun 2025 13:47

Tgt Ion: 92 Resp: 79914  
Ion Ratio Lower Upper  
92 100  
91 176.1 137.8 206.6

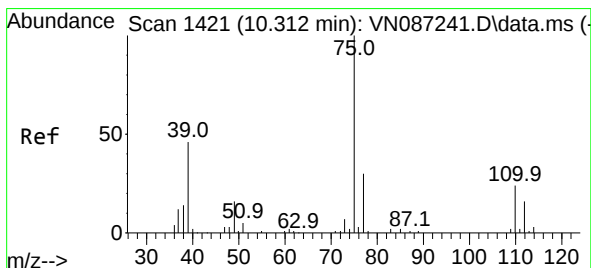
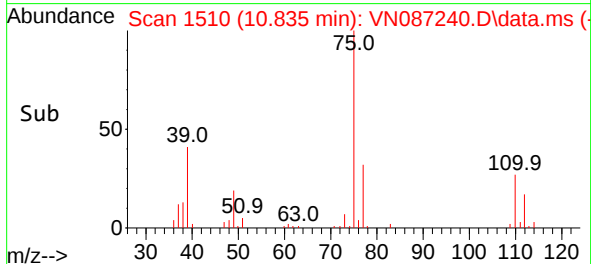
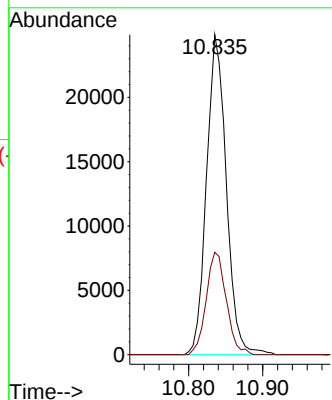
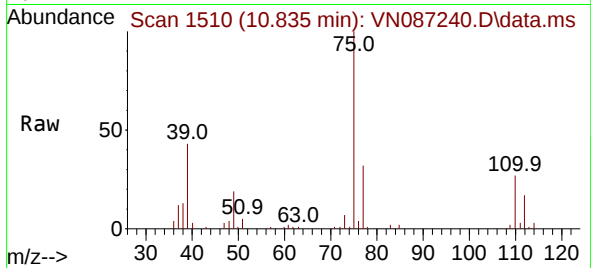




#53  
 t-1,3-Dichloropropene  
 Concen: 20.954 ug/l  
 RT: 10.835 min Scan# 1510  
 Delta R.T. -0.000 min  
 Lab File: VN087240.D  
 Acq: 30 Jun 2025 13:47

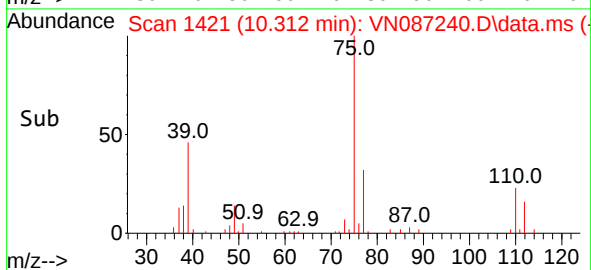
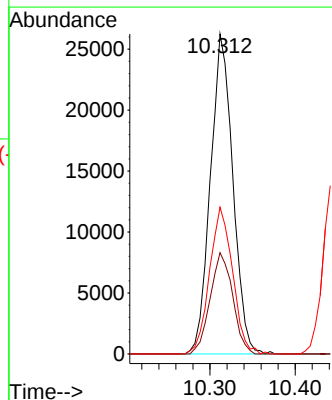
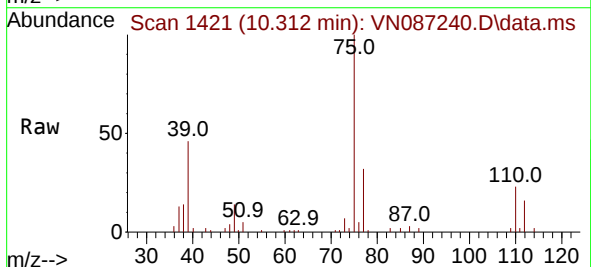
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC020

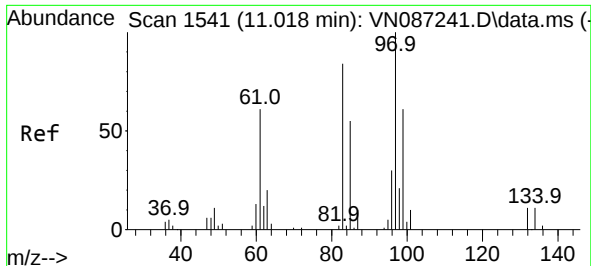
Tgt Ion: 75 Resp: 46151  
 Ion Ratio Lower Upper  
 75 100  
 77 32.0 27.1 40.7



#54  
 cis-1,3-Dichloropropene  
 Concen: 21.379 ug/l  
 RT: 10.312 min Scan# 1421  
 Delta R.T. -0.000 min  
 Lab File: VN087240.D  
 Acq: 30 Jun 2025 13:47

Tgt Ion: 75 Resp: 47974  
 Ion Ratio Lower Upper  
 75 100  
 77 31.6 24.1 36.1  
 39 45.9 36.7 55.1

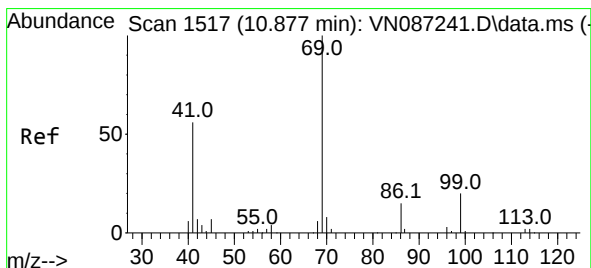
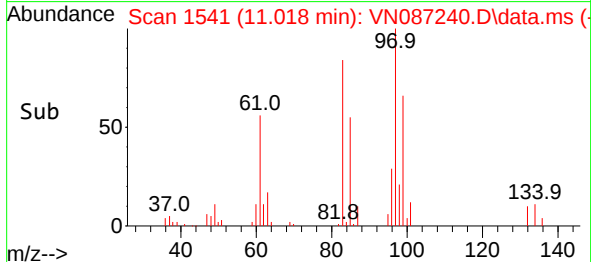
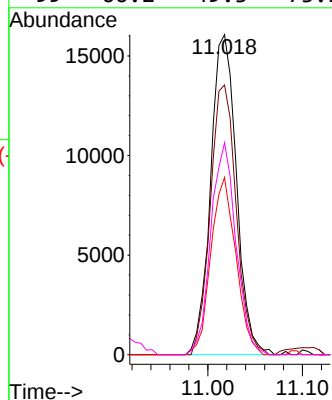
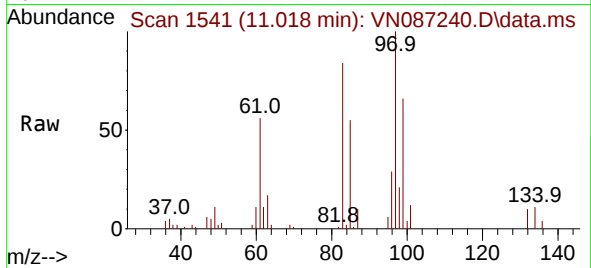




#55  
1,1,2-Trichloroethane  
Concen: 21.180 ug/l  
RT: 11.018 min Scan# 1541  
Delta R.T. -0.000 min  
Lab File: VN087240.D  
Acq: 30 Jun 2025 13:47

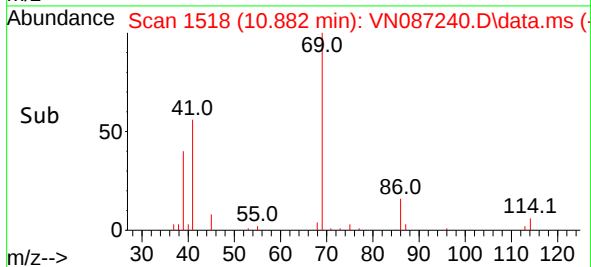
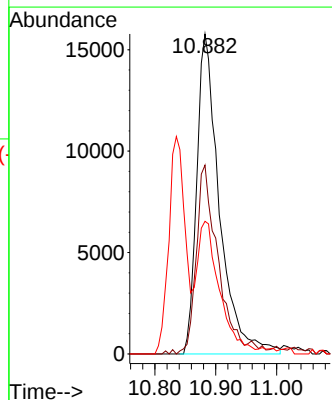
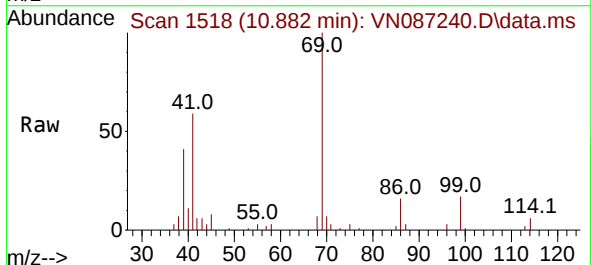
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

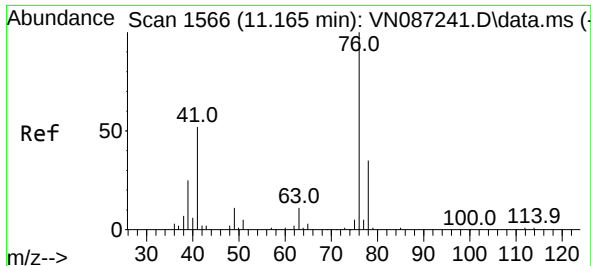
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 30459 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 84.3  | 67.4  | 101.2 |
| 85       | 55.4  | 43.6  | 65.4  |
| 99       | 66.2  | 49.3  | 73.9  |



#56  
Ethyl methacrylate  
Concen: 19.305 ug/l  
RT: 10.882 min Scan# 1518  
Delta R.T. 0.005 min  
Lab File: VN087240.D  
Acq: 30 Jun 2025 13:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 40675 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 55.6  | 44.2  | 66.4  |
| 39       | 39.6  | 29.5  | 44.3  |





#57

1,3-Dichloropropane

Concen: 21.202 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN087240.D

Acq: 30 Jun 2025 13:47

Instrument :

MSVOA\_N

ClientSampleId :

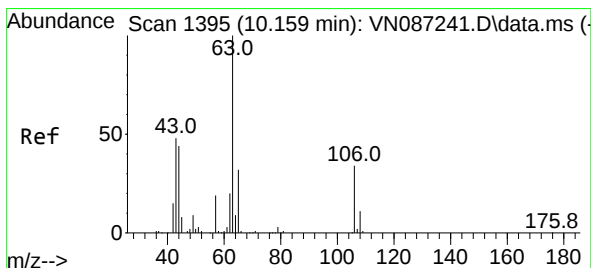
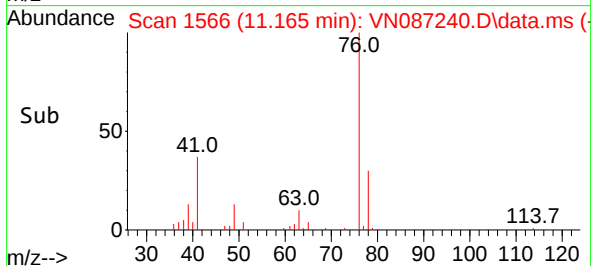
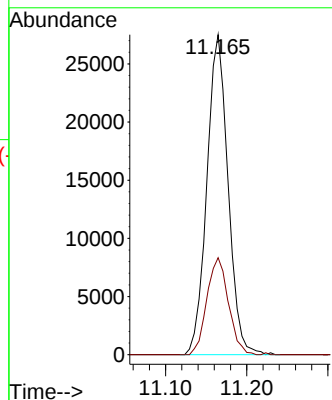
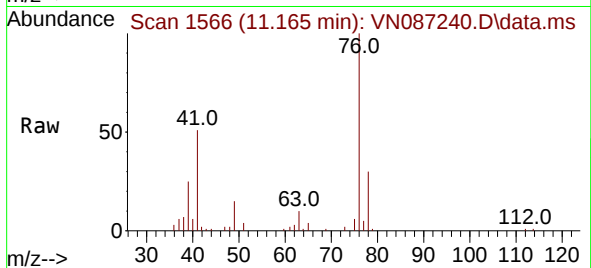
VSTDIC020

Tgt Ion: 76 Resp: 49765

Ion Ratio Lower Upper

76 100

78 30.9 27.1 40.7



#58

2-Chloroethyl Vinyl ether

Concen: 99.116 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN087240.D

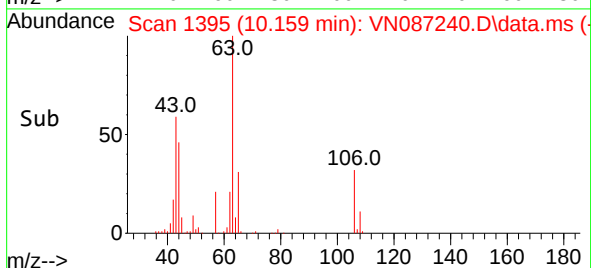
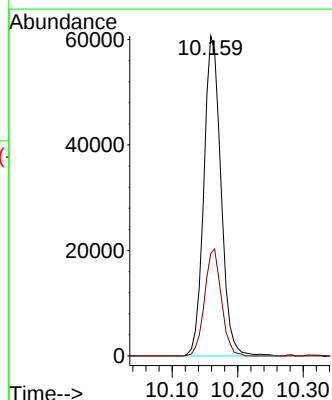
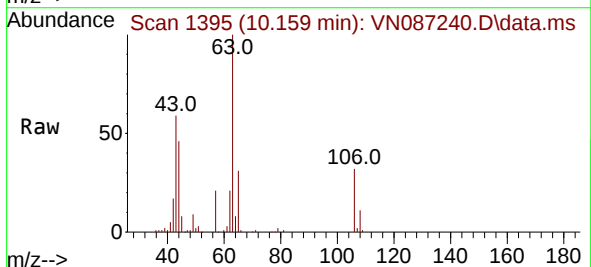
Acq: 30 Jun 2025 13:47

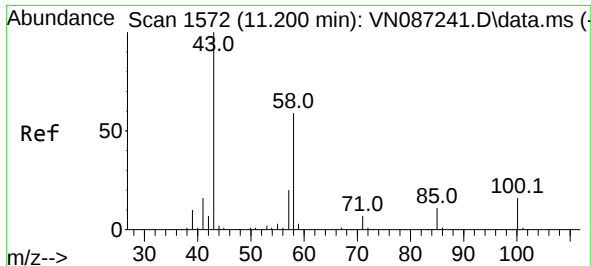
Tgt Ion: 63 Resp: 110371

Ion Ratio Lower Upper

63 100

106 32.8 26.9 40.3

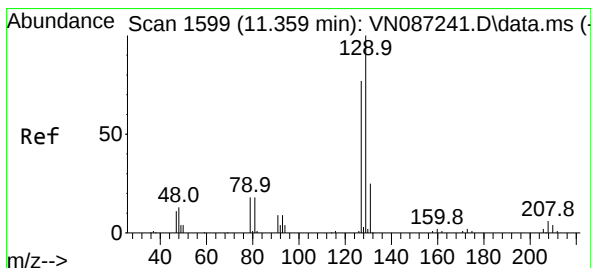
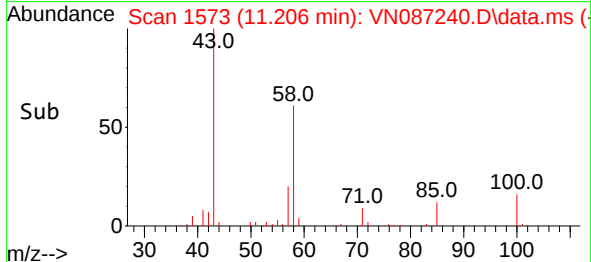
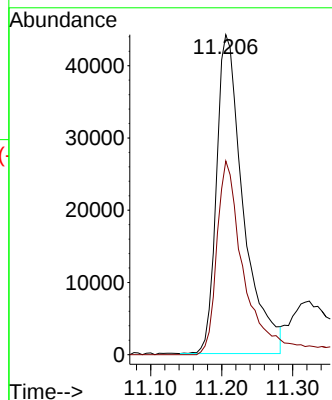
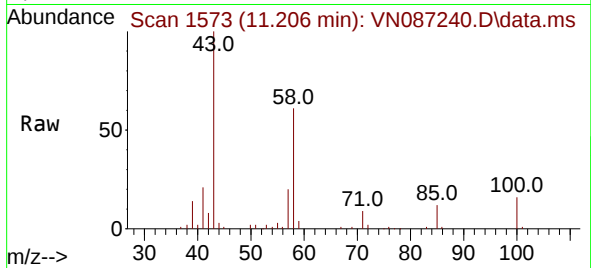




#59  
2-Hexanone  
Concen: 86.145 ug/l  
RT: 11.206 min Scan# 115536  
Delta R.T. 0.006 min  
Lab File: VN087240.D  
Acq: 30 Jun 2025 13:47

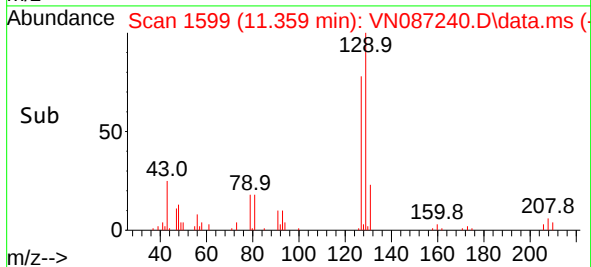
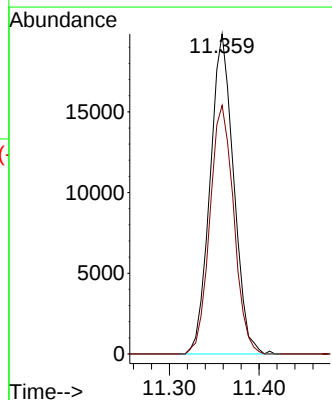
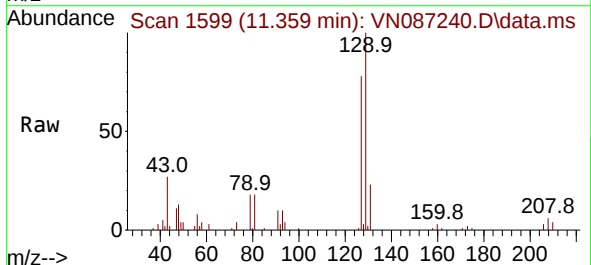
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

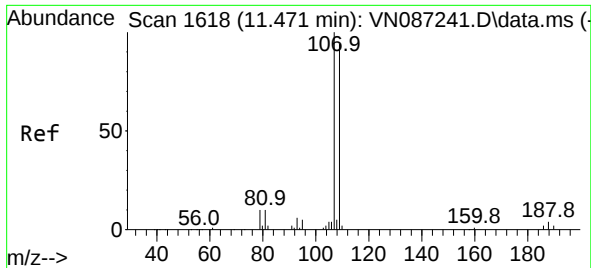
Tgt Ion: 43 Resp: 115536  
Ion Ratio Lower Upper  
43 100  
58 62.3 31.1 93.3



#60  
Dibromochloromethane  
Concen: 21.345 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. -0.000 min  
Lab File: VN087240.D  
Acq: 30 Jun 2025 13:47

Tgt Ion: 129 Resp: 36186  
Ion Ratio Lower Upper  
129 100  
127 78.6 39.3 117.9

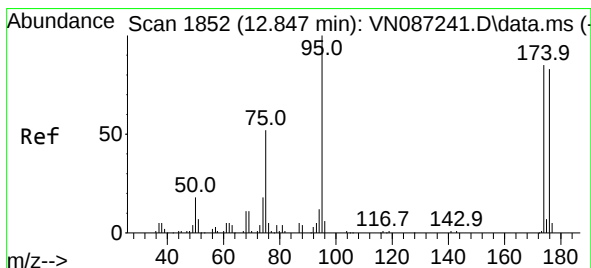
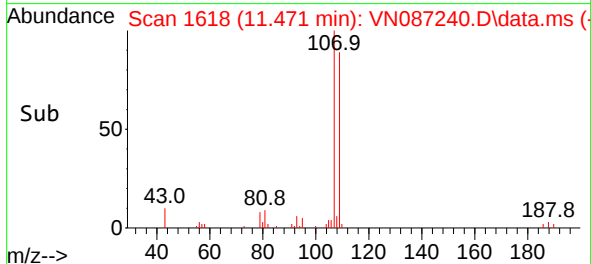
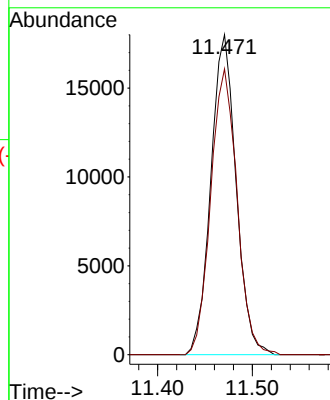
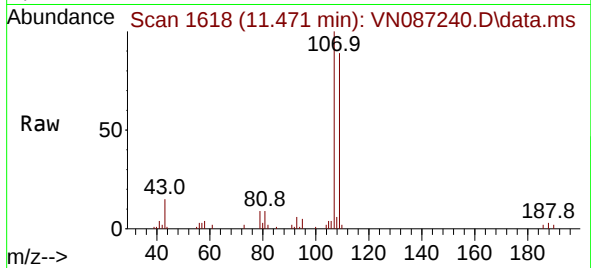




#61  
1,2-Dibromoethane  
Concen: 21.568 ug/l  
RT: 11.471 min Scan# 1618  
Delta R.T. -0.000 min  
Lab File: VN087240.D  
Acq: 30 Jun 2025 13:47

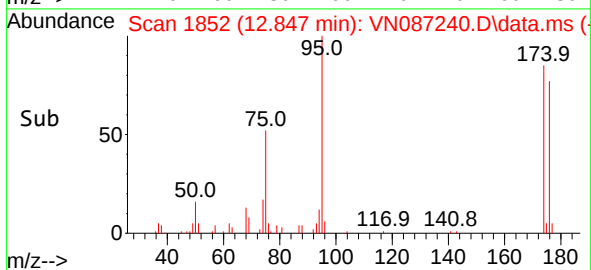
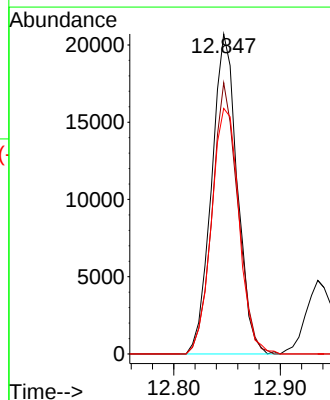
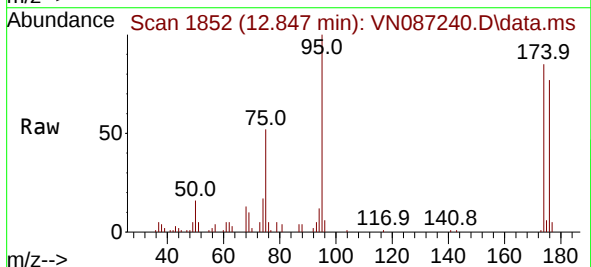
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

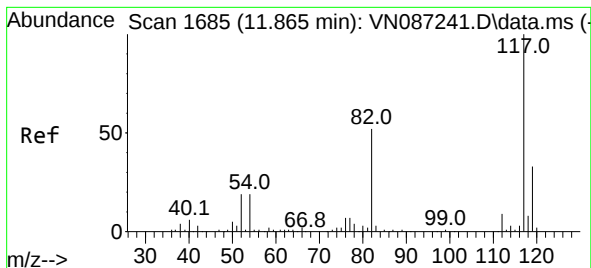
Tgt Ion:107 Resp: 33365  
Ion Ratio Lower Upper  
107 100  
109 92.8 76.0 114.0



#62  
4-Bromofluorobenzene  
Concen: 18.143 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN087240.D  
Acq: 30 Jun 2025 13:47

Tgt Ion: 95 Resp: 34669  
Ion Ratio Lower Upper  
95 100  
174 84.6 0.0 169.6  
176 82.6 0.0 161.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087240.D

Acq: 30 Jun 2025 13:47

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC020

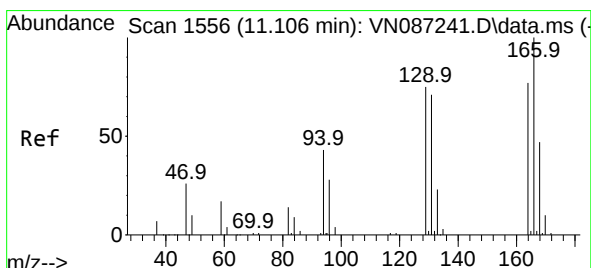
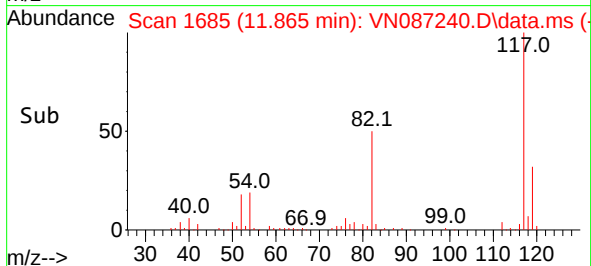
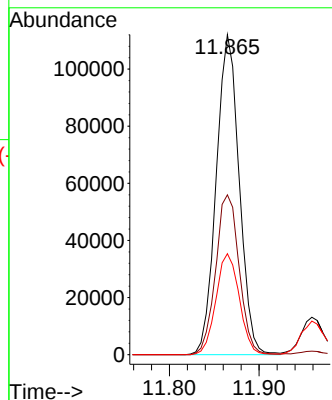
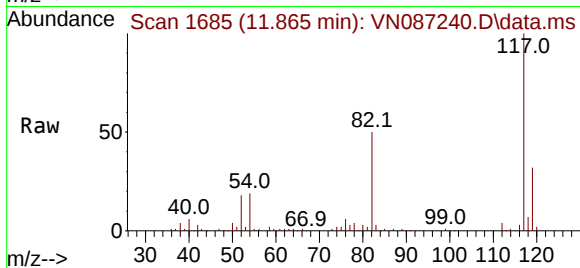
Tgt Ion:117 Resp: 199572

Ion Ratio Lower Upper

117 100

82 50.0 41.9 62.9

119 31.6 26.2 39.4



#64

Tetrachloroethene

Concen: 21.715 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN087240.D

Acq: 30 Jun 2025 13:47

Tgt Ion:164 Resp: 28895

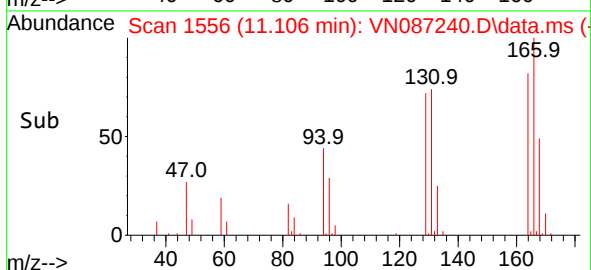
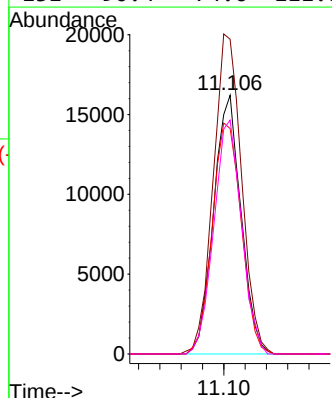
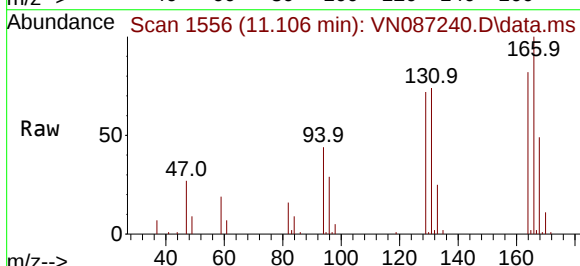
Ion Ratio Lower Upper

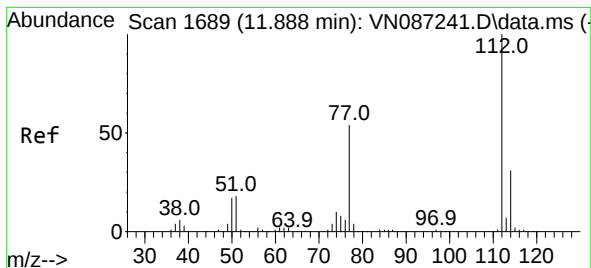
164 100

166 121.7 104.3 156.5

129 87.1 78.5 117.7

131 90.4 74.6 111.8

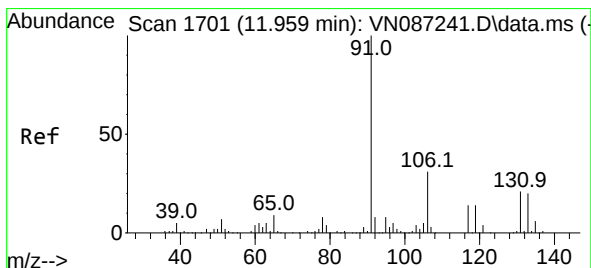
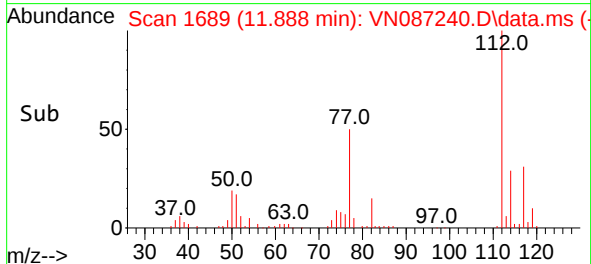
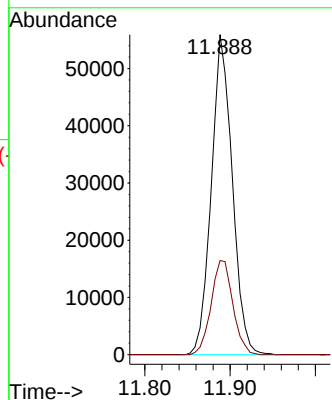
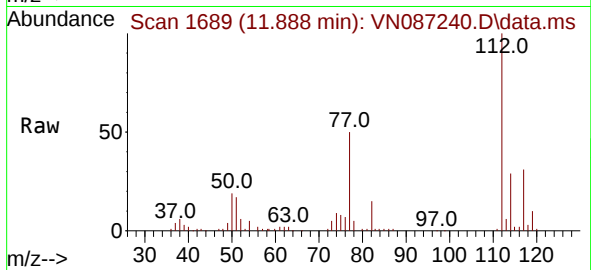




#65  
Chlorobenzene  
Concen: 21.291 ug/l  
RT: 11.888 min Scan# 1689  
Delta R.T. -0.000 min  
Lab File: VN087240.D  
Acq: 30 Jun 2025 13:47

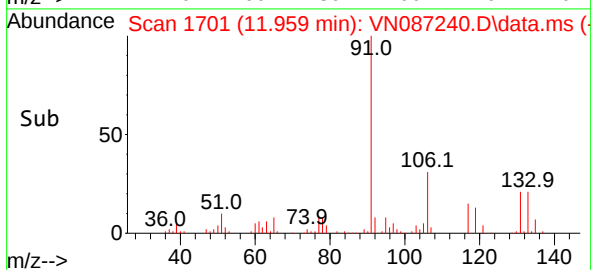
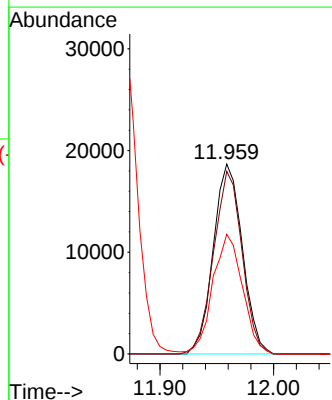
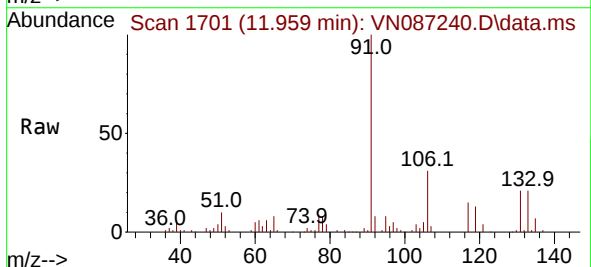
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MSVOA\_N  
ClientSampleId :  
VSTDIC020

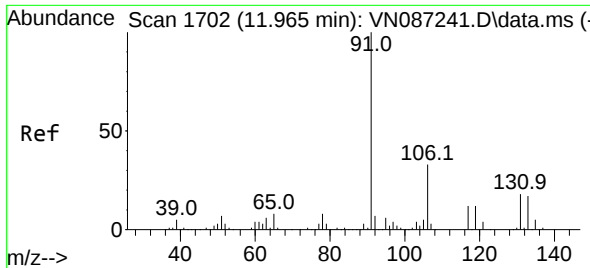
Tgt Ion:112 Resp: 95342  
Ion Ratio Lower Upper  
112 100  
114 29.4 24.4 36.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 21.447 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VN087240.D  
Acq: 30 Jun 2025 13:47

Tgt Ion:131 Resp: 33163  
Ion Ratio Lower Upper  
131 100  
133 94.5 47.2 141.6  
119 64.6 32.4 97.2

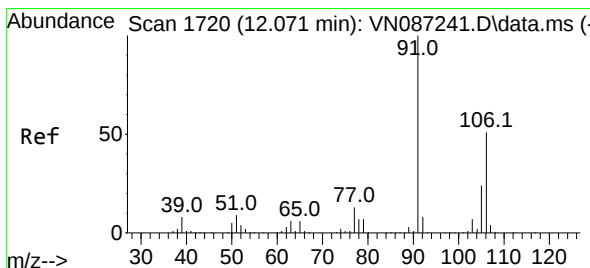
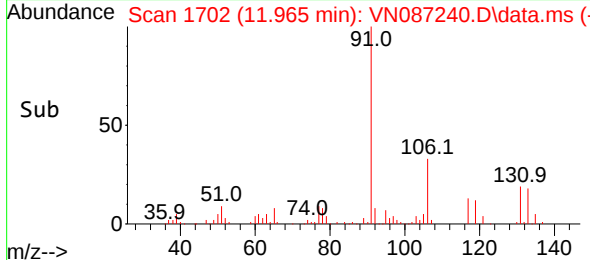
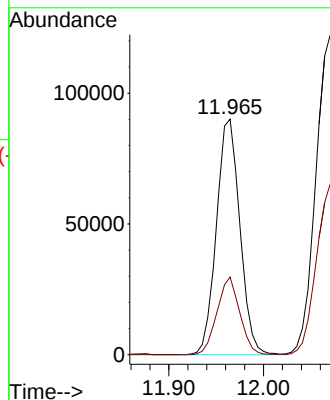
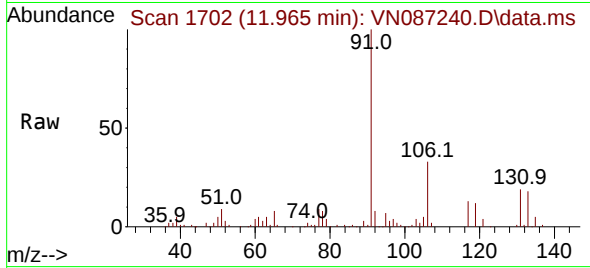




#67  
Ethyl Benzene  
Concen: 21.424 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: VN087240.D  
Acq: 30 Jun 2025 13:47

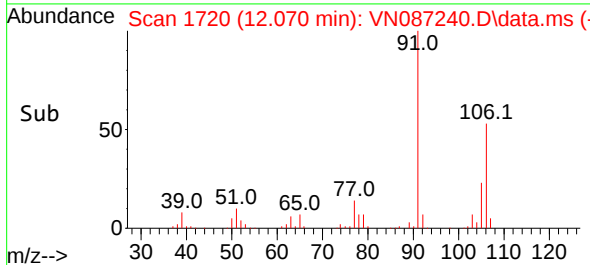
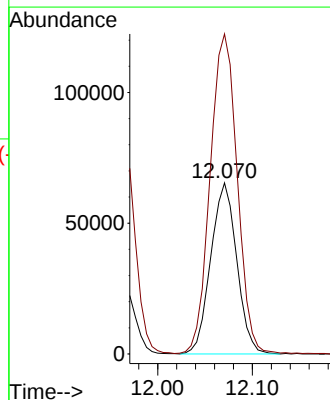
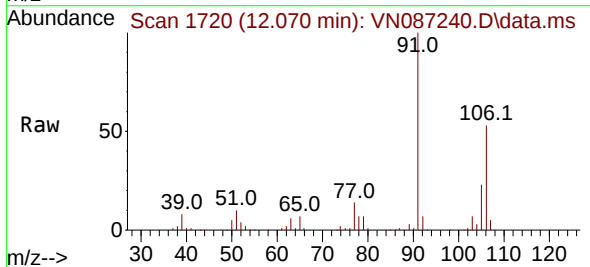
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ClientSampleId :  
VSTDIC020

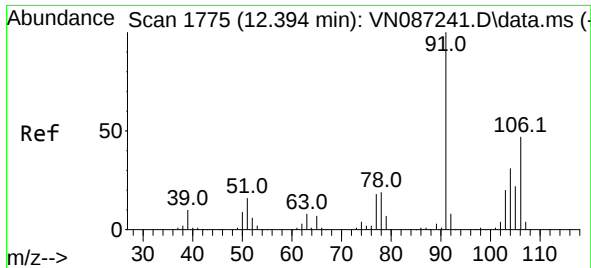
Tgt Ion: 91 Resp: 155243  
Ion Ratio Lower Upper  
91 100  
106 33.0 26.2 39.4



#68  
m/p-Xylenes  
Concen: 43.100 ug/l  
RT: 12.070 min Scan# 1720  
Delta R.T. -0.000 min  
Lab File: VN087240.D  
Acq: 30 Jun 2025 13:47

Tgt Ion:106 Resp: 124779  
Ion Ratio Lower Upper  
106 100  
91 195.4 158.2 237.2

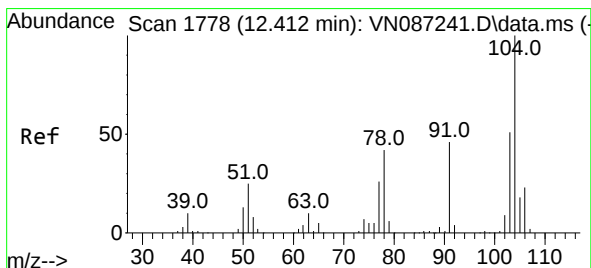
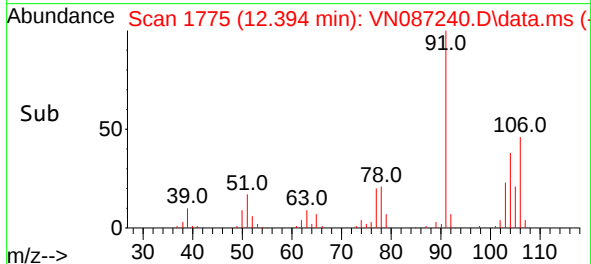
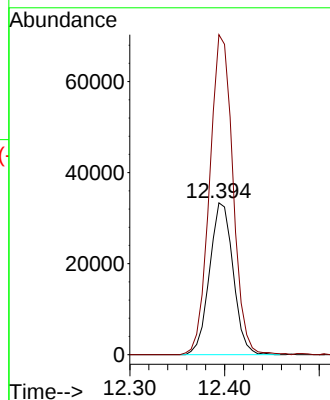
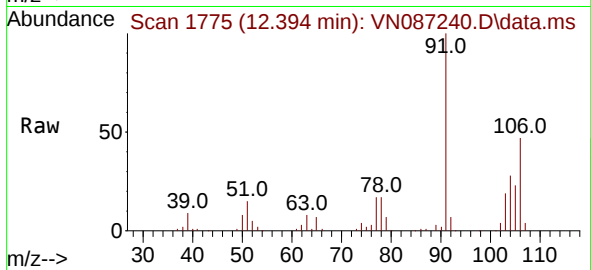




#69  
o-Xylene  
Concen: 21.278 ug/l  
RT: 12.394 min Scan# 1775  
Delta R.T. -0.000 min  
Lab File: VN087240.D  
Acq: 30 Jun 2025 13:47

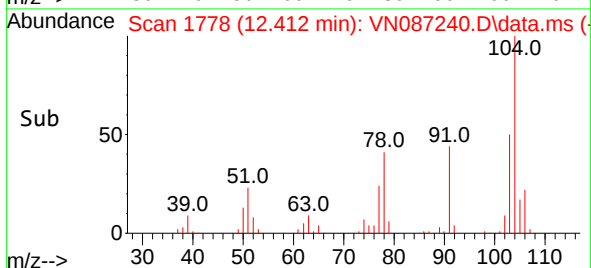
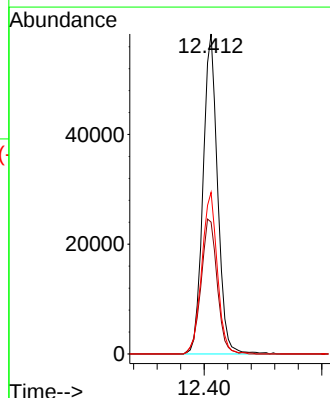
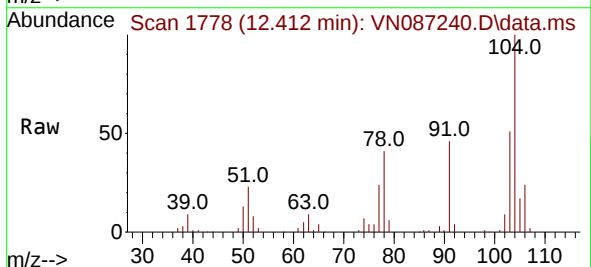
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MSVOA\_N  
ClientSampleId :  
VSTDIC020

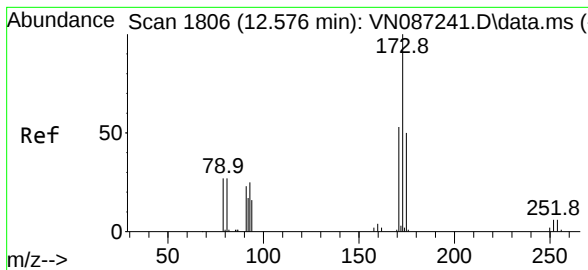
Tgt Ion:106 Resp: 57624  
Ion Ratio Lower Upper  
106 100  
91 208.5 105.4 316.1



#70  
Styrene  
Concen: 21.813 ug/l  
RT: 12.412 min Scan# 1778  
Delta R.T. -0.000 min  
Lab File: VN087240.D  
Acq: 30 Jun 2025 13:47

Tgt Ion:104 Resp: 100395  
Ion Ratio Lower Upper  
104 100  
78 46.6 37.6 56.4  
103 53.8 44.0 66.0

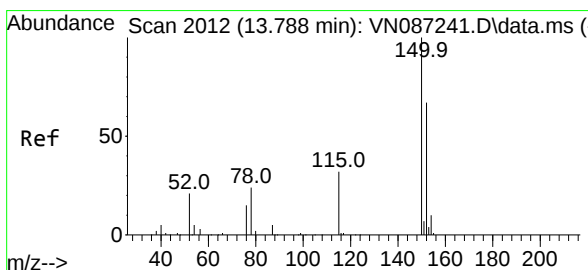
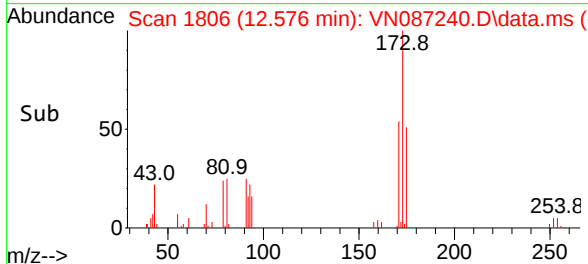
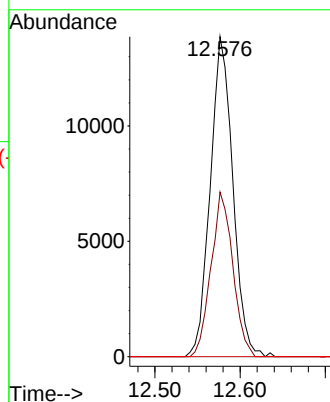
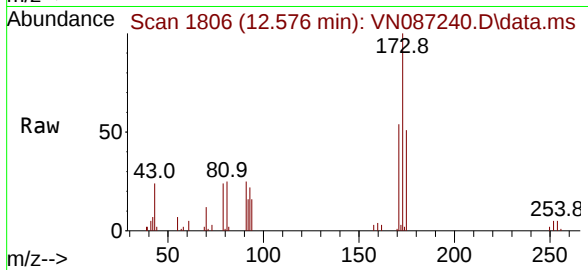




#71  
Bromoform  
Concen: 21.446 ug/l  
RT: 12.576 min Scan# 1806  
Delta R.T. -0.000 min  
Lab File: VN087240.D  
Acq: 30 Jun 2025 13:47

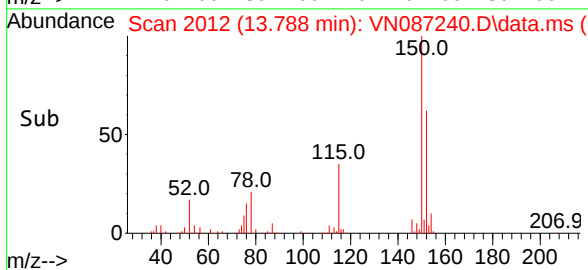
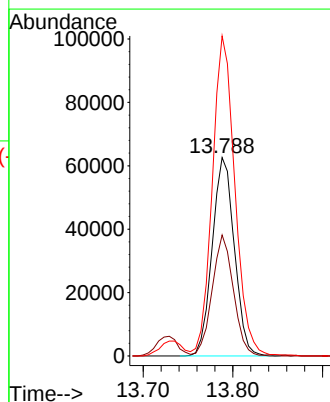
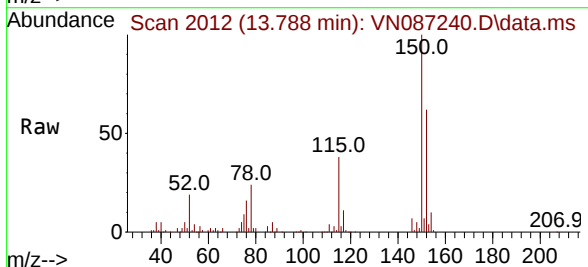
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MSVOA\_N  
ClientSampleId :  
VSTDIC020

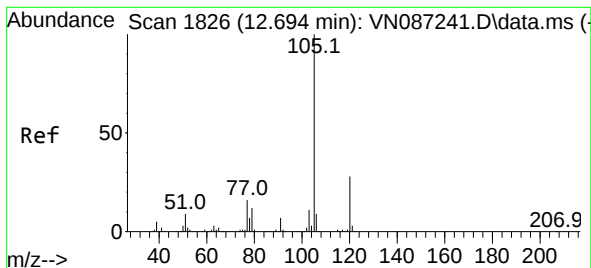
Tgt Ion:173 Resp: 25584  
Ion Ratio Lower Upper  
173 100  
175 49.7 24.6 73.6  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.788 min Scan# 2012  
Delta R.T. -0.000 min  
Lab File: VN087240.D  
Acq: 30 Jun 2025 13:47

Tgt Ion:152 Resp: 107199  
Ion Ratio Lower Upper  
152 100  
115 58.5 28.3 84.9  
150 164.6 0.0 344.6





#73

Isopropylbenzene

Concen: 21.685 ug/l

RT: 12.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087240.D

Acq: 30 Jun 2025 13:47

Instrument :

MSVOA\_N

ClientSampleId :

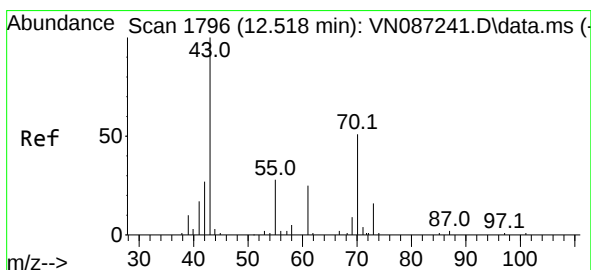
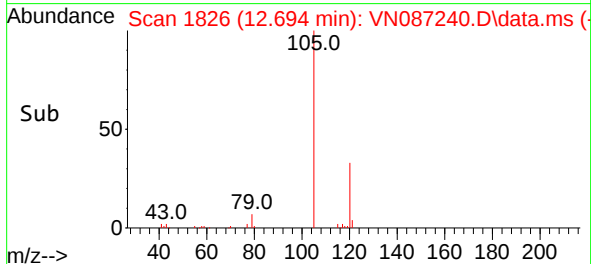
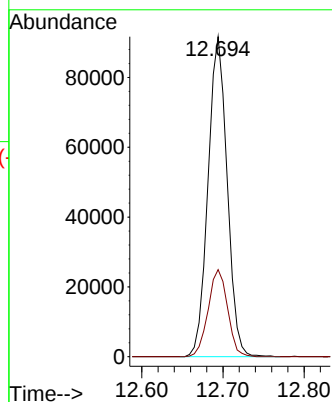
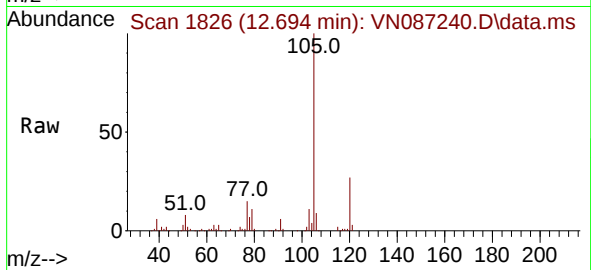
VSTDIC020

Tgt Ion:105 Resp: 149781

Ion Ratio Lower Upper

105 100

120 27.7 13.9 41.6



#74

N-ethyl acetate

Concen: 12.598 ug/l

RT: 12.535 min Scan# 1799

Delta R.T. 0.017 min

Lab File: VN087240.D

Acq: 30 Jun 2025 13:47

Tgt Ion: 43 Resp: 29437

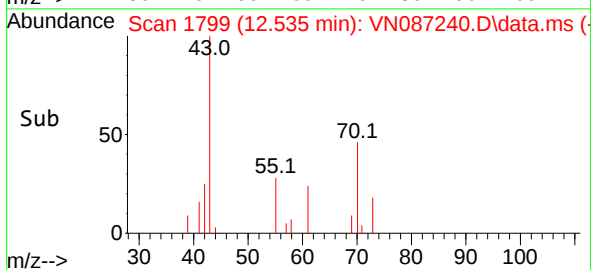
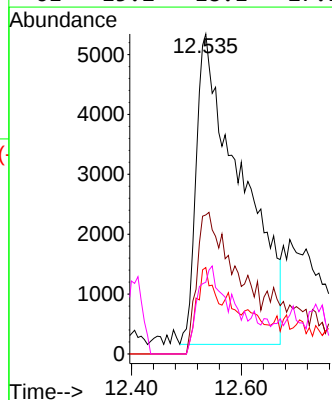
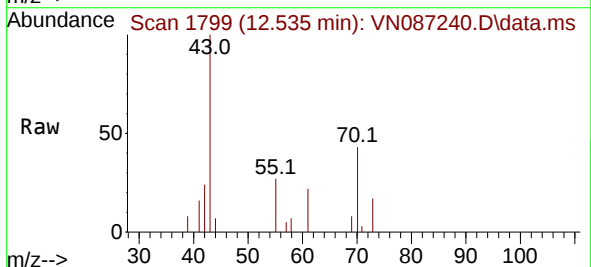
Ion Ratio Lower Upper

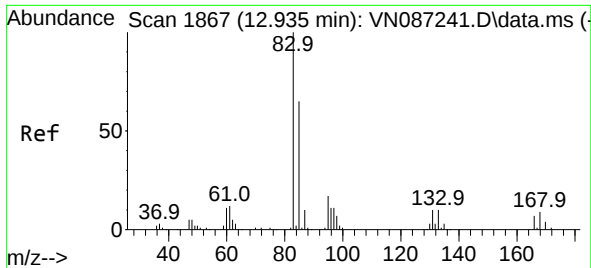
43 100

70 34.3 29.2 43.8

55 12.3 17.0 25.4#

61 15.2 18.1 27.1#

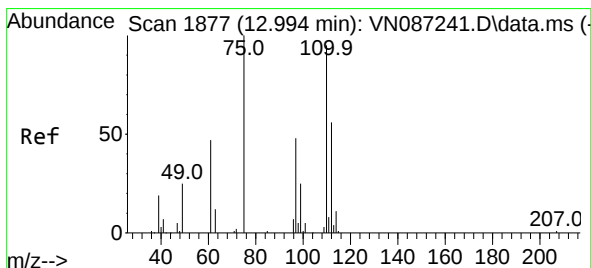
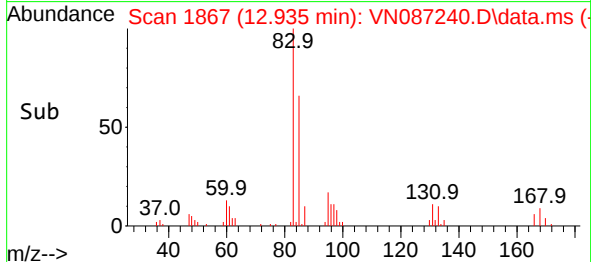
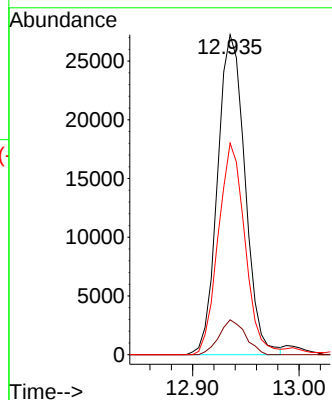
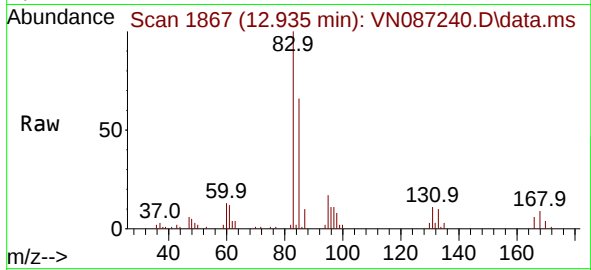




#75  
1,1,2,2-Tetrachloroethane  
Concen: 21.467 ug/l  
RT: 12.935 min Scan# 1867  
Delta R.T. -0.000 min  
Lab File: VN087240.D  
Acq: 30 Jun 2025 13:47

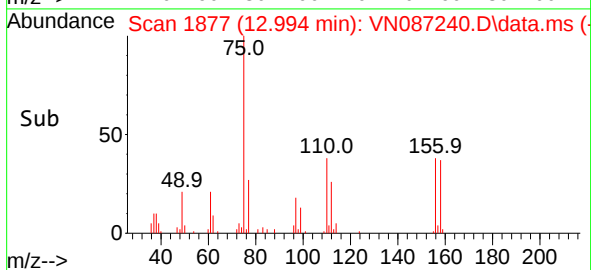
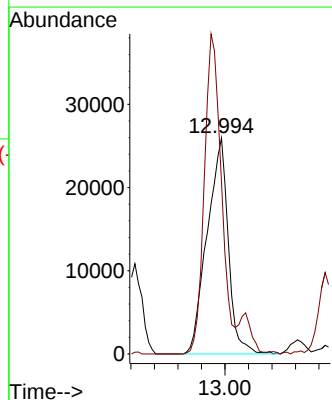
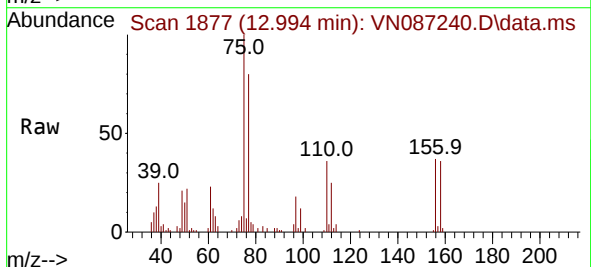
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

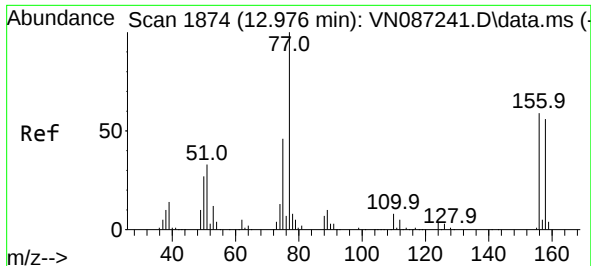
Tgt Ion: 83 Resp: 48773  
Ion Ratio Lower Upper  
83 100  
131 10.4 5.3 15.9  
85 64.5 32.2 96.6



#76  
1,2,3-Trichloropropane  
Concen: 31.551 ug/l  
RT: 12.994 min Scan# 1877  
Delta R.T. -0.000 min  
Lab File: VN087240.D  
Acq: 30 Jun 2025 13:47

Tgt Ion: 75 Resp: 64865  
Ion Ratio Lower Upper  
75 100  
77 118.7 82.0 245.8

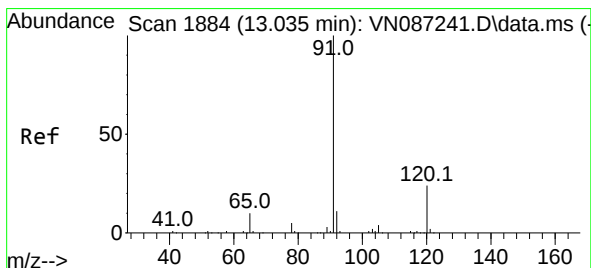
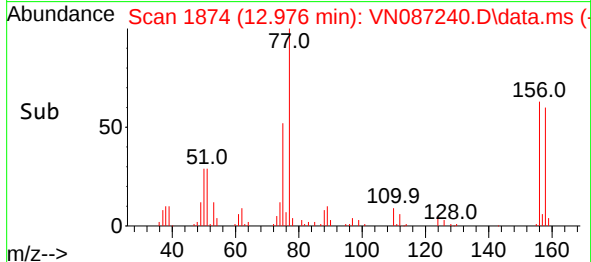
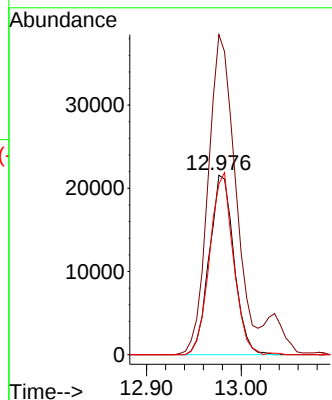
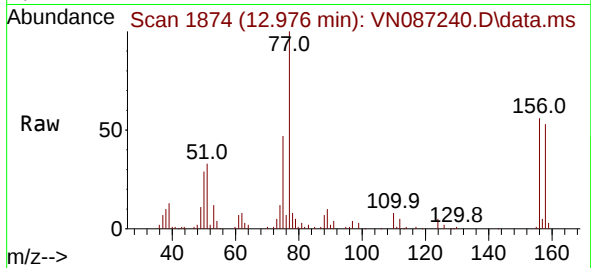




#77  
 Bromobenzene  
 Concen: 21.612 ug/l  
 RT: 12.976 min Scan# 1874  
 Delta R.T. -0.000 min  
 Lab File: VN087240.D  
 Acq: 30 Jun 2025 13:47

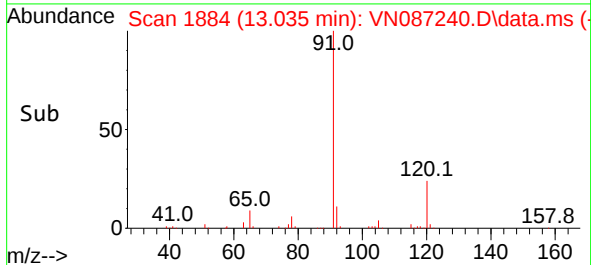
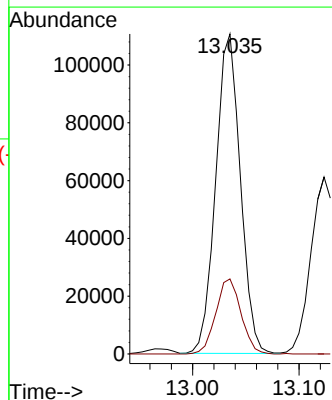
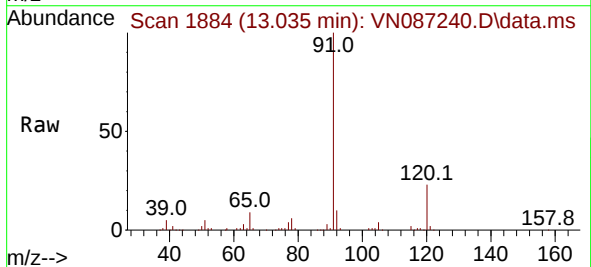
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC020

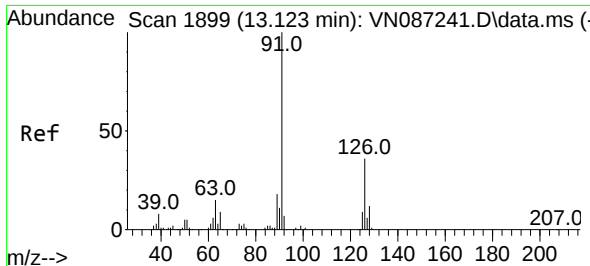
Tgt Ion:156 Resp: 38968  
 Ion Ratio Lower Upper  
 156 100  
 77 197.7 98.0 294.1  
 158 97.2 47.7 143.1



#78  
 n-propylbenzene  
 Concen: 21.261 ug/l  
 RT: 13.035 min Scan# 1884  
 Delta R.T. -0.000 min  
 Lab File: VN087240.D  
 Acq: 30 Jun 2025 13:47

Tgt Ion: 91 Resp: 177391  
 Ion Ratio Lower Upper  
 91 100  
 120 24.0 12.0 36.0

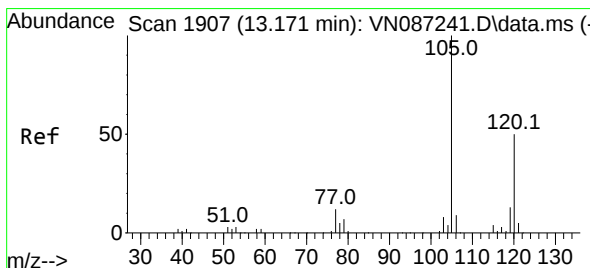
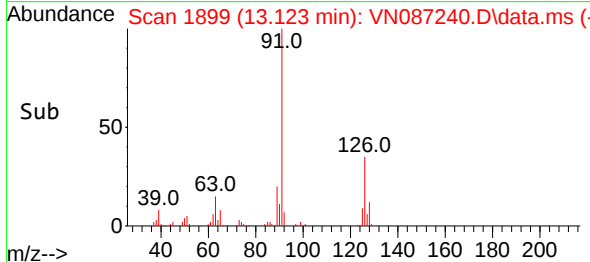
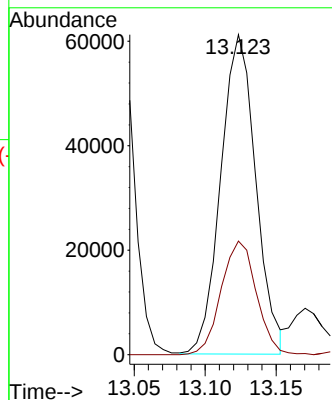
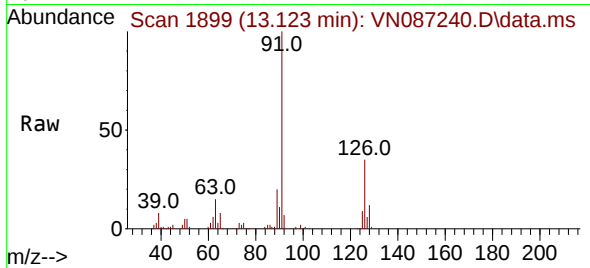




#79  
2-Chlorotoluene  
Concen: 21.146 ug/l  
RT: 13.123 min Scan# 1899  
Delta R.T. -0.000 min  
Lab File: VN087240.D  
Acq: 30 Jun 2025 13:47

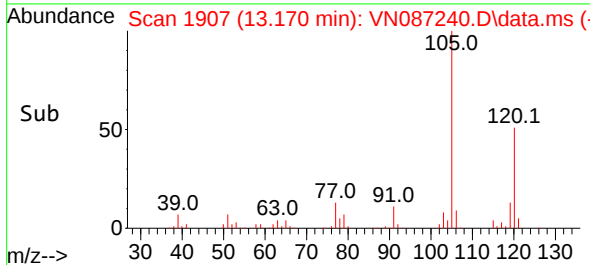
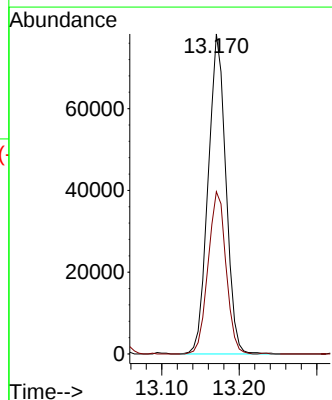
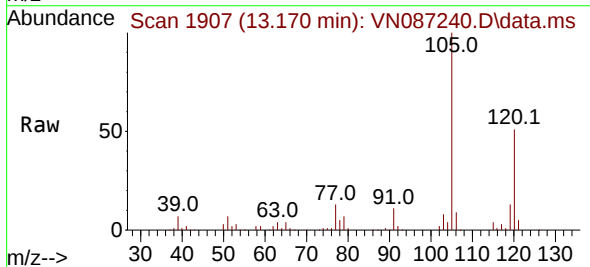
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

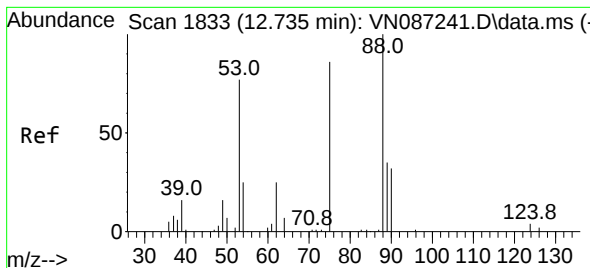
Tgt Ion: 91 Resp: 105000  
Ion Ratio Lower Upper  
91 100  
126 35.7 17.8 53.3



#80  
1,3,5-Trimethylbenzene  
Concen: 21.503 ug/l  
RT: 13.170 min Scan# 1907  
Delta R.T. -0.000 min  
Lab File: VN087240.D  
Acq: 30 Jun 2025 13:47

Tgt Ion: 105 Resp: 124148  
Ion Ratio Lower Upper  
105 100  
120 51.3 25.3 75.8

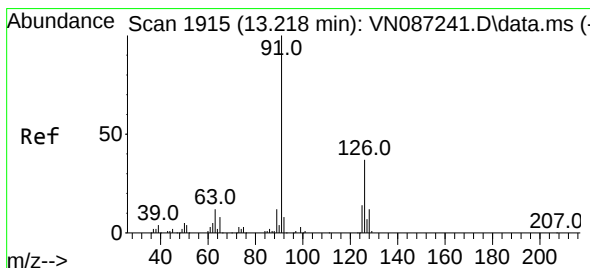
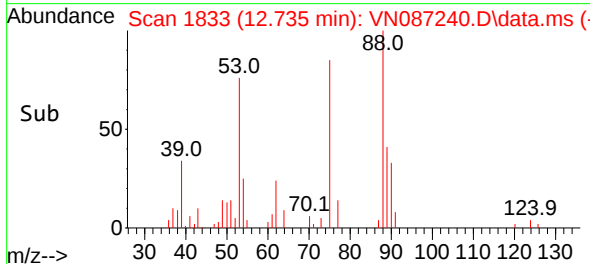
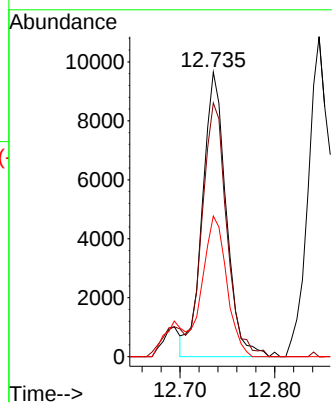
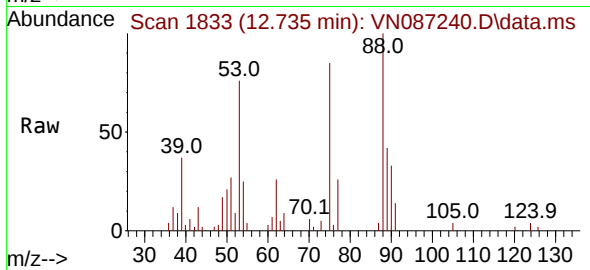




#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.395 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. -0.000 min  
Lab File: VN087240.D  
Acq: 30 Jun 2025 13:47

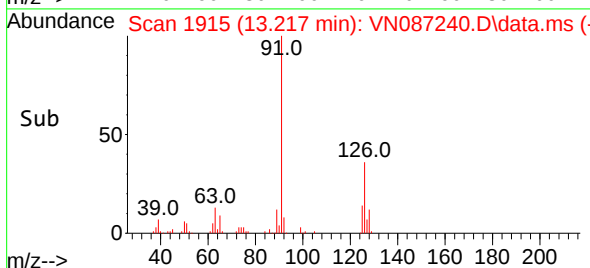
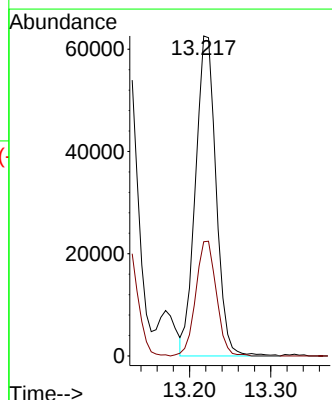
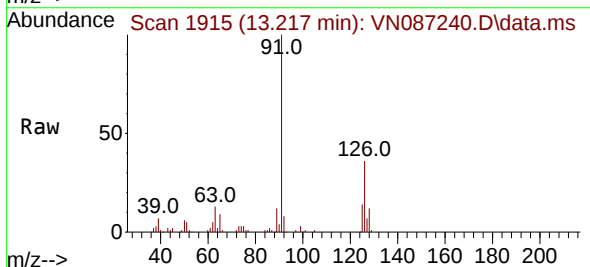
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

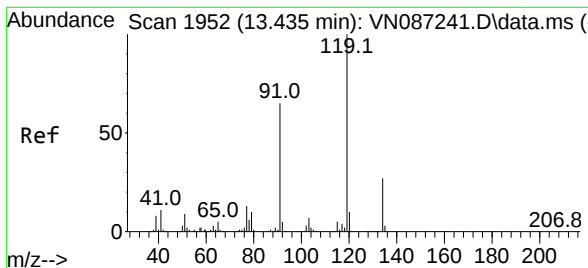
Tgt Ion: 75 Resp: 16836  
Ion Ratio Lower Upper  
75 100  
53 91.1 70.6 105.8  
89 50.7 36.1 54.1



#82  
4-Chlorotoluene  
Concen: 21.229 ug/l  
RT: 13.217 min Scan# 1915  
Delta R.T. -0.001 min  
Lab File: VN087240.D  
Acq: 30 Jun 2025 13:47

Tgt Ion: 91 Resp: 110348  
Ion Ratio Lower Upper  
91 100  
126 35.9 18.2 54.6





#83

tert-Butylbenzene

Concen: 21.280 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VN087240.D

Acq: 30 Jun 2025 13:47

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC020

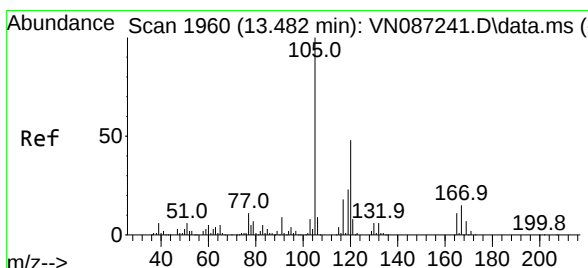
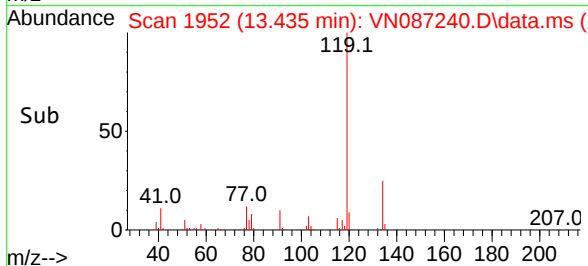
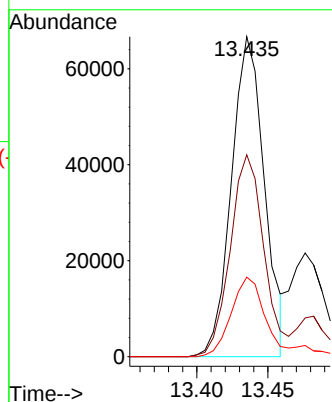
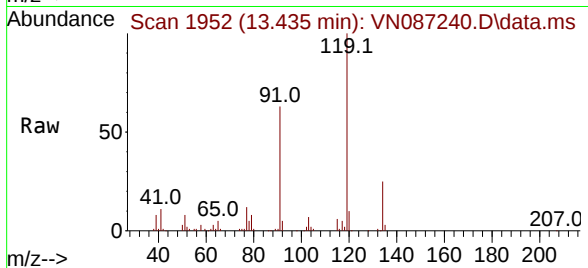
Tgt Ion:119 Resp: 107641

Ion Ratio Lower Upper

119 100

91 64.7 32.5 97.4

134 27.8 14.2 42.8



#84

1,2,4-Trimethylbenzene

Concen: 22.016 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN087240.D

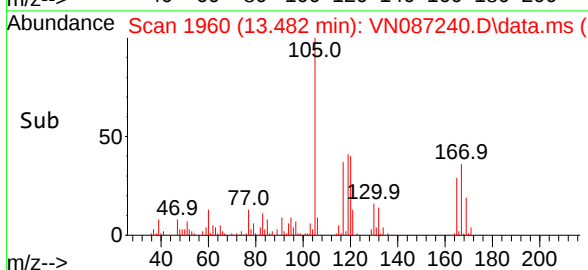
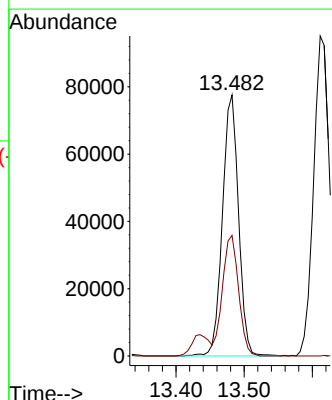
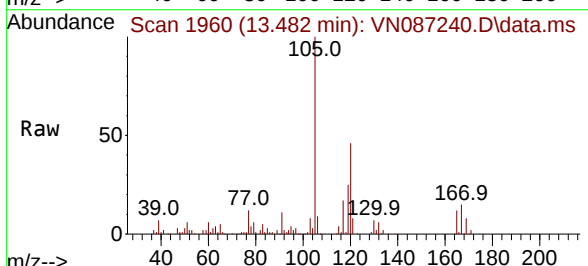
Acq: 30 Jun 2025 13:47

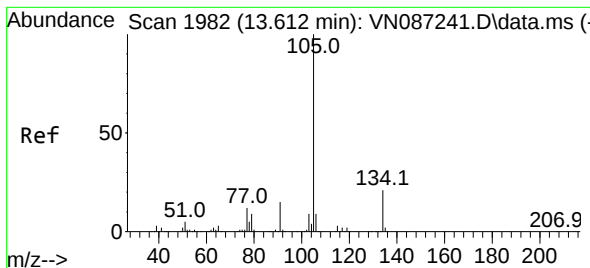
Tgt Ion:105 Resp: 127331

Ion Ratio Lower Upper

105 100

120 46.4 23.3 69.9





#85

sec-Butylbenzene

Concen: 21.771 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VN087240.D

Acq: 30 Jun 2025 13:47

Instrument :

MSVOA\_N

ClientSampleId :

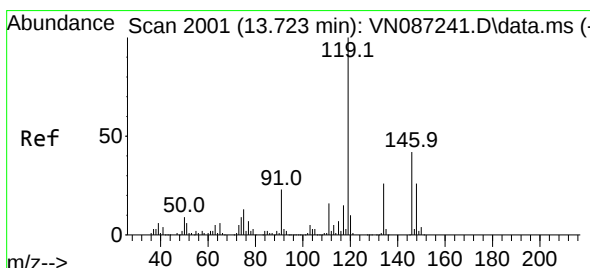
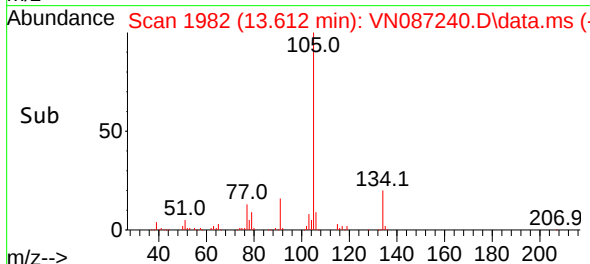
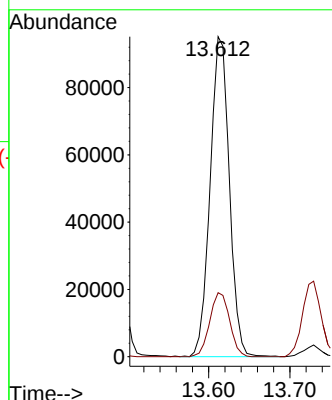
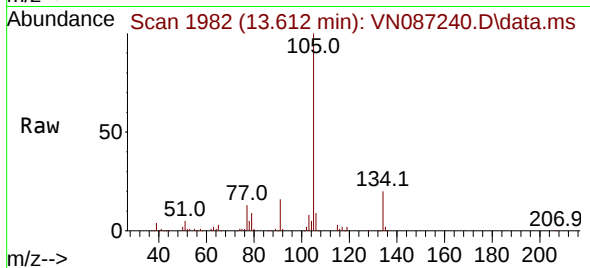
VSTDICC020

Tgt Ion:105 Resp: 156100

Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.4



#86

p-Isopropyltoluene

Concen: 21.970 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VN087240.D

Acq: 30 Jun 2025 13:47

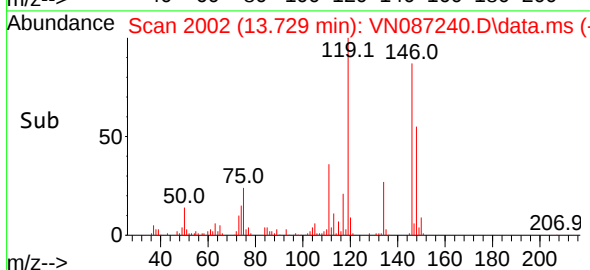
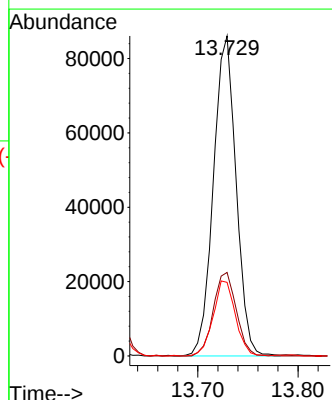
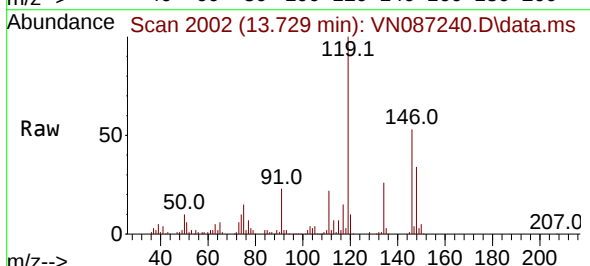
Tgt Ion:119 Resp: 135402

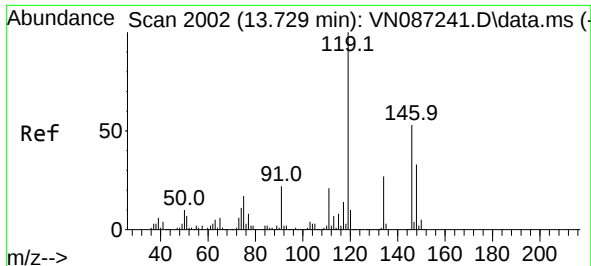
Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.8

91 23.1 11.3 33.9

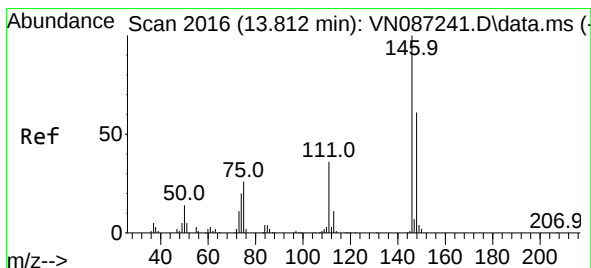
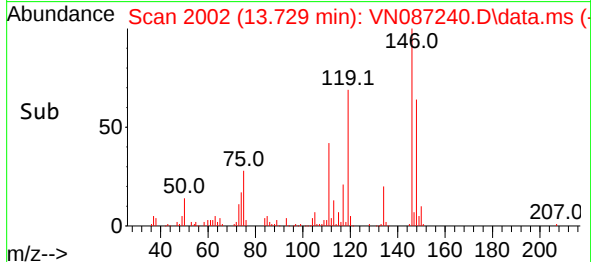
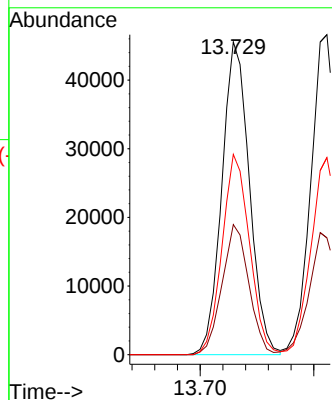
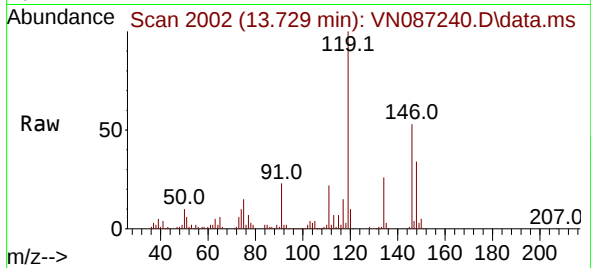




#87  
1,3-Dichlorobenzene  
Concen: 21.362 ug/l  
RT: 13.729 min Scan# 2002  
Delta R.T. -0.000 min  
Lab File: VN087240.D  
Acq: 30 Jun 2025 13:47

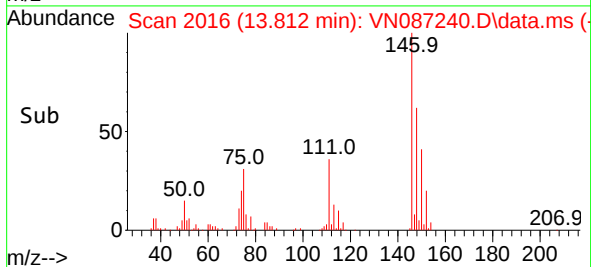
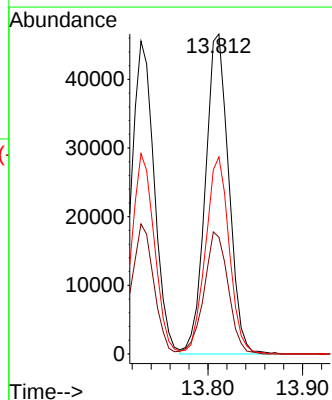
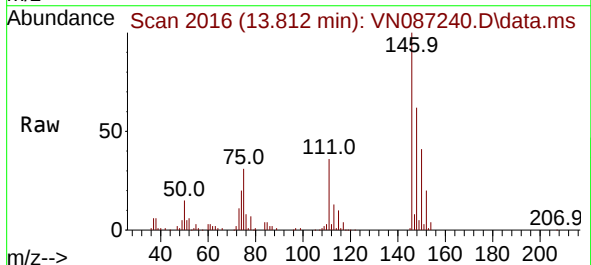
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

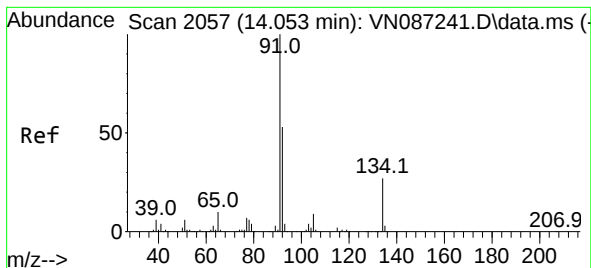
Tgt Ion:146 Resp: 76707  
Ion Ratio Lower Upper  
146 100  
111 40.4 19.8 59.4  
148 63.9 32.0 96.0



#88  
1,4-Dichlorobenzene  
Concen: 21.372 ug/l  
RT: 13.812 min Scan# 2016  
Delta R.T. -0.000 min  
Lab File: VN087240.D  
Acq: 30 Jun 2025 13:47

Tgt Ion:146 Resp: 80130  
Ion Ratio Lower Upper  
146 100  
111 39.5 19.1 57.5  
148 62.4 31.8 95.3





#89

n-Butylbenzene

Concen: 21.037 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN087240.D

Acq: 30 Jun 2025 13:47

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC020

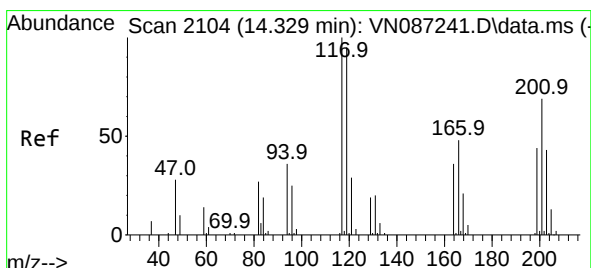
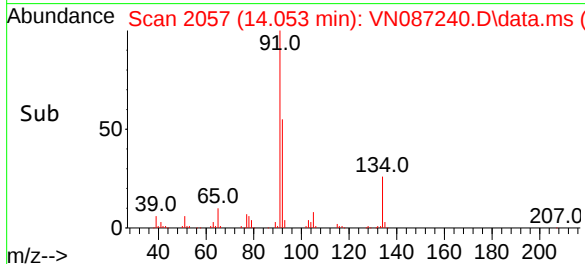
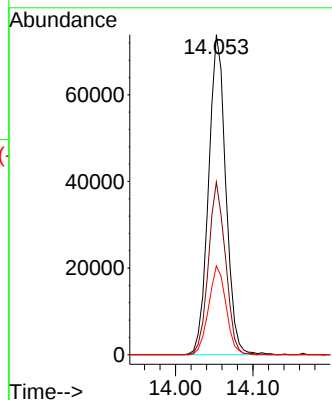
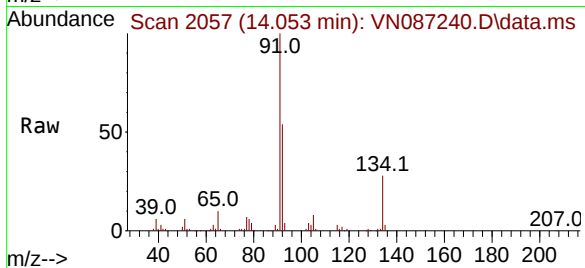
Tgt Ion: 91 Resp: 114151

Ion Ratio Lower Upper

91 100

92 53.2 26.7 80.0

134 28.0 13.7 41.1



#90

Hexachloroethane

Concen: 20.610 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.000 min

Lab File: VN087240.D

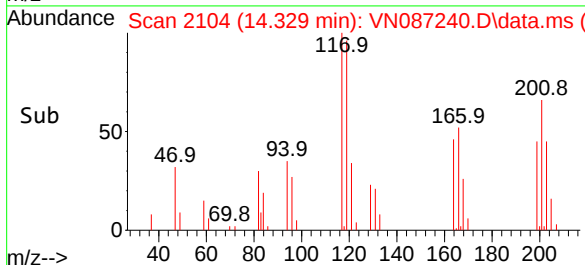
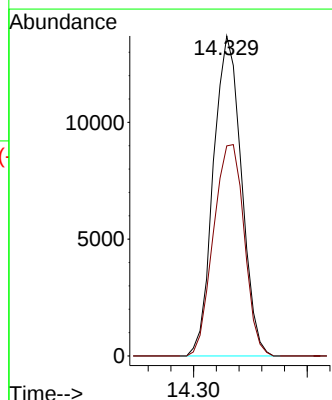
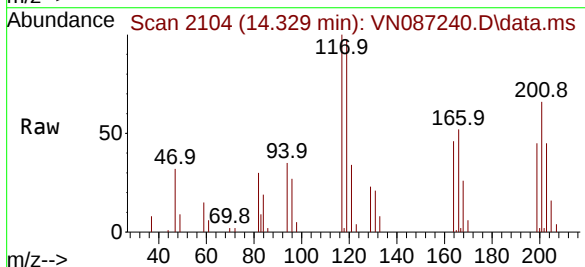
Acq: 30 Jun 2025 13:47

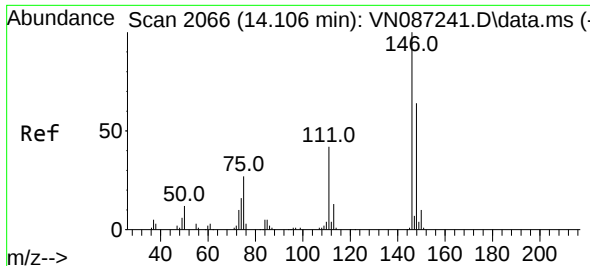
Tgt Ion: 117 Resp: 23512

Ion Ratio Lower Upper

117 100

201 72.4 35.8 107.4





#91

1,2-Dichlorobenzene

Concen: 21.960 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN087240.D

Acq: 30 Jun 2025 13:47

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC020

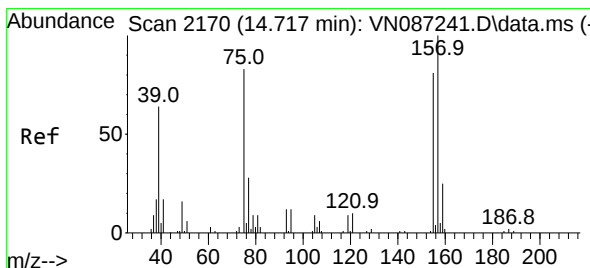
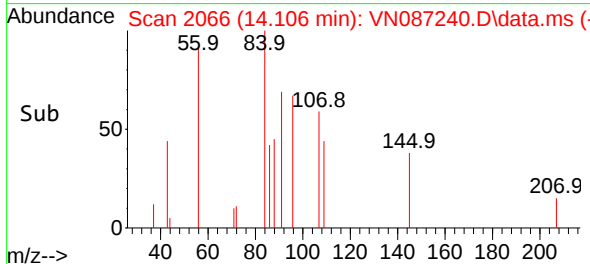
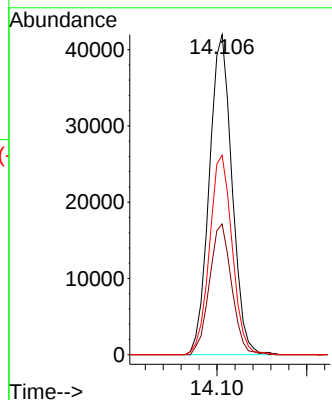
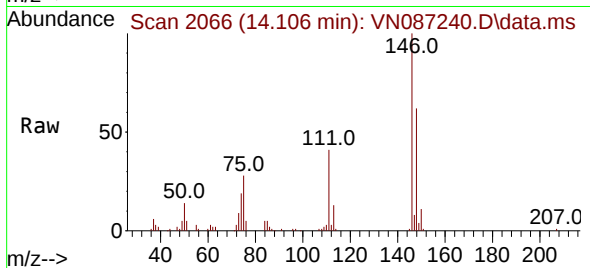
Tgt Ion:146 Resp: 73748

Ion Ratio Lower Upper

146 100

111 40.0 20.5 61.6

148 62.3 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.383 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.000 min

Lab File: VN087240.D

Acq: 30 Jun 2025 13:47

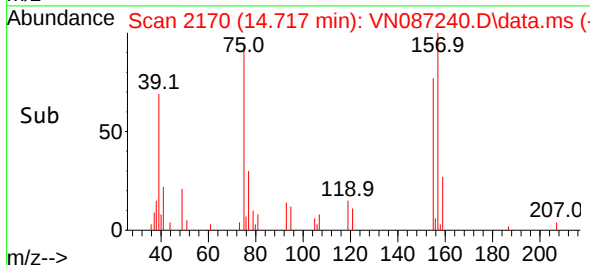
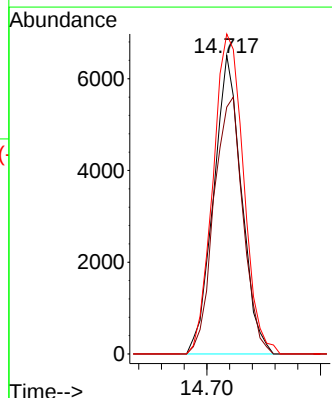
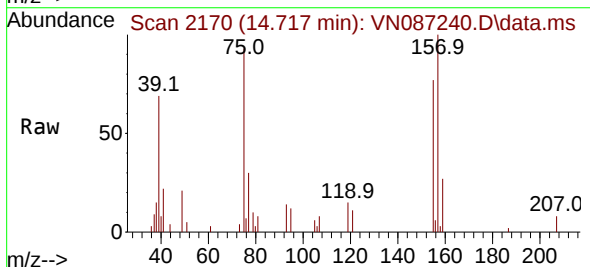
Tgt Ion: 75 Resp: 11129

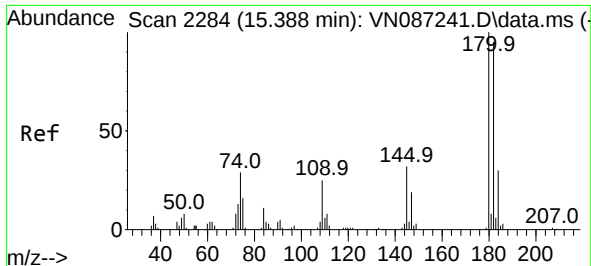
Ion Ratio Lower Upper

75 100

155 90.0 46.8 140.3

157 117.0 58.1 174.4

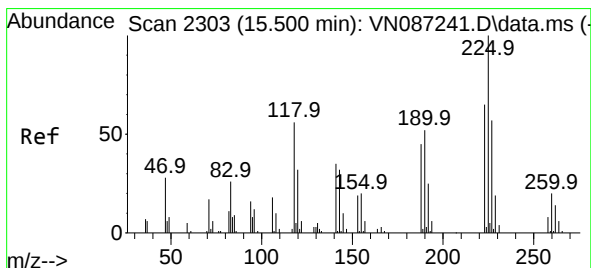
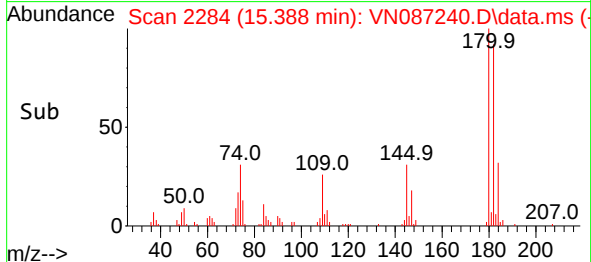
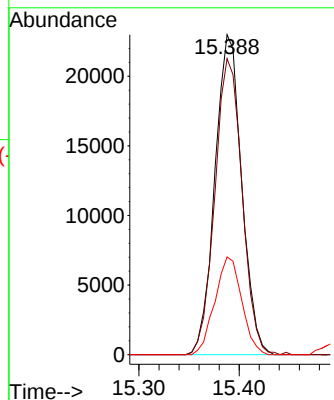
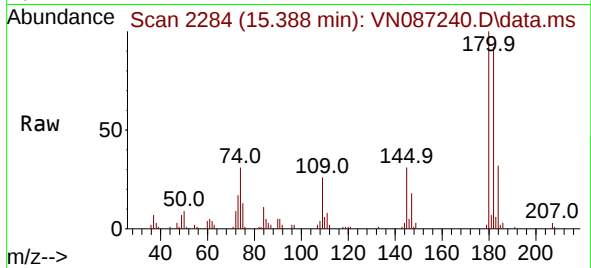




#93  
 1,2,4-Trichlorobenzene  
 Concen: 21.423 ug/l  
 RT: 15.388 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VN087240.D  
 Acq: 30 Jun 2025 13:47

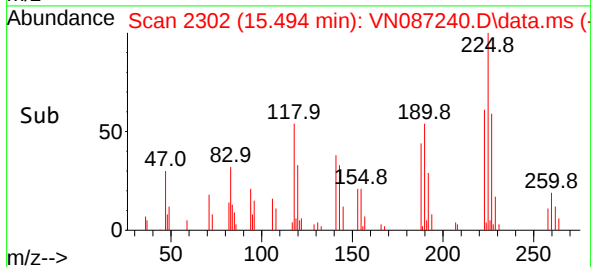
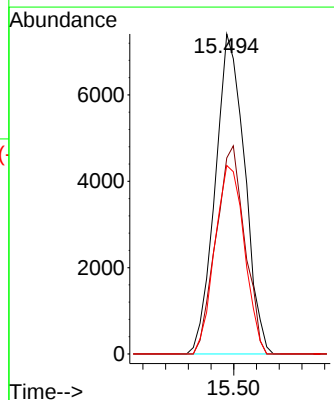
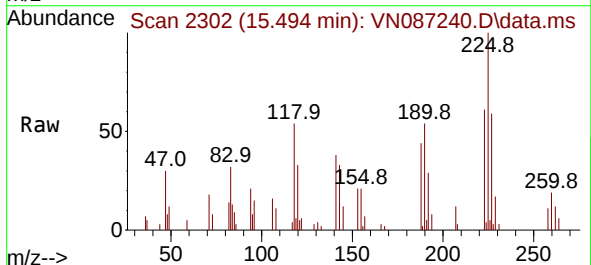
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC020

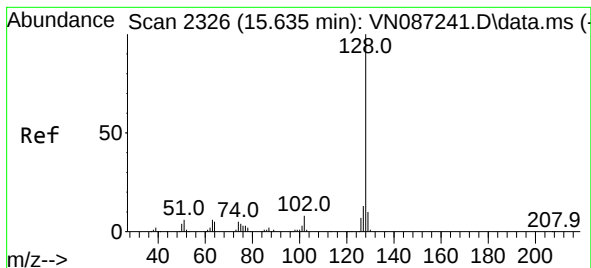
Tgt Ion:180 Resp: 42544  
 Ion Ratio Lower Upper  
 180 100  
 182 94.3 48.0 144.0  
 145 30.7 15.4 46.2



#94  
 Hexachlorobutadiene  
 Concen: 21.105 ug/l  
 RT: 15.494 min Scan# 2302  
 Delta R.T. -0.006 min  
 Lab File: VN087240.D  
 Acq: 30 Jun 2025 13:47

Tgt Ion:225 Resp: 13314  
 Ion Ratio Lower Upper  
 225 100  
 223 63.9 33.5 100.4  
 227 59.4 30.9 92.7





#95

Naphthalene

Concen: 20.838 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN087240.D

Acq: 30 Jun 2025 13:47

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC020

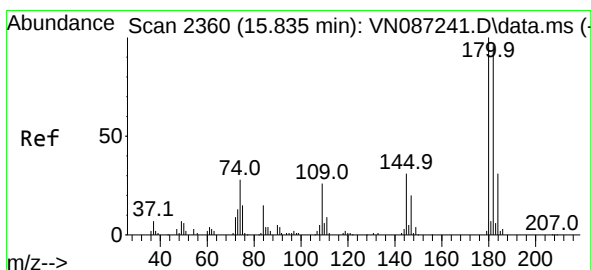
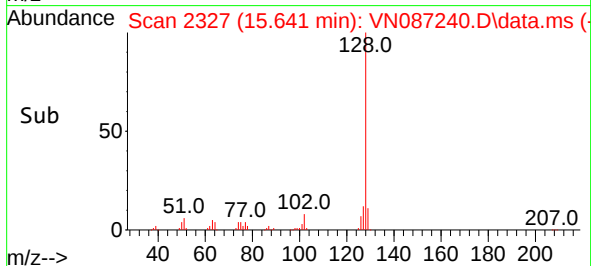
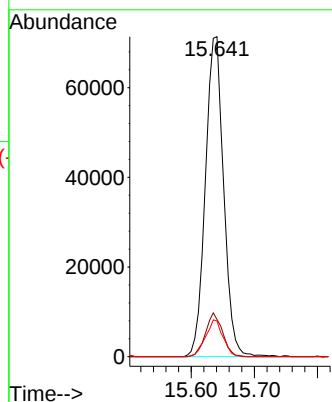
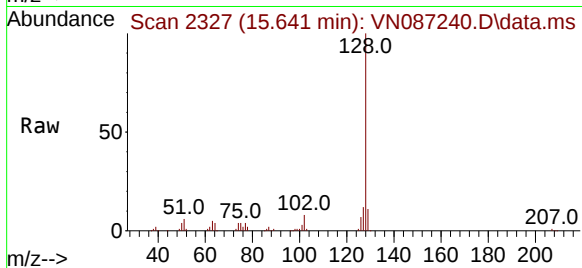
Tgt Ion:128 Resp: 143171

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 21.425 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN087240.D

Acq: 30 Jun 2025 13:47

Tgt Ion:180 Resp: 41451

Ion Ratio Lower Upper

180 100

182 94.9 47.7 143.1

145 32.2 15.7 47.1

