

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN062525\  
 Data File : VN087166.D  
 Acq On : 25 Jun 2025 10:24  
 Operator : JC\MD  
 Sample : VSTDICC150  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC150

Quant Time: Jun 25 15:25:14 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N062525W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Jun 25 10:49:56 2025  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Bromochloromethane        | 7.824  | 128   | 34436    | 30.000   | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene      | 9.106  | 114   | 194011   | 30.000   | ug/l   | 0.00     |
| 57) Chlorobenzene-d5         | 11.865 | 117   | 186774   | 30.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 27) 1,2-Dichloroethane-d4    | 8.588  | 65    | 74130    | 28.571   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 110 | Recovery | =      | 95.233%  |
| 60) 4-Bromofluorobenzene     | 12.847 | 95    | 87432    | 30.336   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 63 - 112 | Recovery | =      | 101.133% |
| 63) Toluene-d8               | 10.571 | 98    | 247397   | 29.501   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 112 | Recovery | =      | 98.333%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.153  | 85    | 328743   | 158.590  | ug/l   | 99       |
| 3) Chloromethane             | 2.395  | 50    | 344616   | 162.767  | ug/l   | 100      |
| 4) Vinyl Chloride            | 2.553  | 62    | 380413   | 165.319  | ug/l   | 96       |
| 5) Bromomethane              | 2.965  | 94    | 196072   | 160.555  | ug/l   | 95       |
| 6) Chloroethane              | 3.142  | 64    | 199925   | 161.966  | ug/l   | 98       |
| 7) Trichlorofluoromethane    | 3.518  | 101   | 438423   | 155.330  | ug/l   | 99       |
| 8) Diethyl Ether             | 3.977  | 74    | 228664   | 164.894  | ug/l   | 97       |
| 9) 1,1,2-Trichlorotrifluo... | 4.394  | 101   | 330508   | 157.939  | ug/l # | 88       |
| 10) 1,1-Dichloroethene       | 4.365  | 96    | 332121   | 159.215  | ug/l   | 97       |
| 11) Methyl Iodide            | 4.612  | 142   | 363941   | 194.744  | ug/l   | 96       |
| 12) Methyl Acetate           | 5.047  | 43    | 529248   | 161.749  | ug/l   | 99       |
| 13) Acrolein                 | 4.200  | 56    | 494100   | 982.740  | ug/l   | 100      |
| 14) Acrylonitrile            | 5.736  | 53    | 1229651  | 805.689  | ug/l   | 100      |
| 15) Acetone                  | 4.447  | 58    | 335530   | 753.668  | ug/l   | 91       |
| 16) Carbon Disulfide         | 4.736  | 76    | 934684   | 153.251  | ug/l   | 99       |
| 17) Allyl chloride           | 5.042  | 41    | 547297   | 159.070  | ug/l   | 92       |
| 18) Methylene Chloride       | 5.294  | 84    | 370628   | 153.369  | ug/l   | 98       |
| 19) trans-1,2-Dichloroethene | 5.806  | 96    | 353679   | 155.038  | ug/l   | 97       |
| 20) Diisopropyl ether        | 6.688  | 45    | 1127057  | 154.399  | ug/l   | 96       |
| 21) 1,1-Dichloroethane       | 6.583  | 63    | 665820   | 152.613  | ug/l   | 99       |
| 22) cis-1,2-Dichloroethene   | 7.500  | 96    | 431407   | 162.490  | ug/l   | 96       |
| 23) tert-Butyl Alcohol       | 5.547  | 59    | 464693   | 809.606  | ug/l # | 100      |
| 24) Methyl tert-Butyl Ether  | 5.812  | 73    | 1188591  | 162.463  | ug/l   | 97       |
| 25) Chloroform               | 7.977  | 83    | 646145   | 154.590  | ug/l   | 99       |
| 26) Cyclohexane              | 8.265  | 56    | 593136   | 163.558  | ug/l # | 97       |
| 29) 1,1-Dichloropropene      | 8.377  | 75    | 485720   | 160.626  | ug/l   | 100      |
| 30) 2-Butanone               | 7.494  | 43    | 1653884  | 810.801  | ug/l   | 98       |
| 31) 2,2-Dichloropropane      | 7.500  | 77    | 567545   | 155.482  | ug/l   | 100      |
| 32) 1,1,1-Trichloroethane    | 8.177  | 97    | 547772   | 155.055  | ug/l   | 98       |
| 33) Carbon Tetrachloride     | 8.371  | 117   | 465916   | 156.717  | ug/l   | 99       |
| 34) Benzene                  | 8.612  | 78    | 1449530  | 151.309  | ug/l   | 97       |
| 35) Methacrylonitrile        | 7.788  | 41    | 324629   | 157.915  | ug/l   | 94       |
| 36) 1,2-Dichloroethane       | 8.677  | 62    | 456777   | 147.574  | ug/l   | 98       |
| 37) Trichloroethene          | 9.359  | 130   | 344162   | 155.753  | ug/l   | 91       |
| 38) Methylcyclohexane        | 9.606  | 83    | 564171   | 162.602  | ug/l   | 96       |
| 39) 1,2-Dichloropropane      | 9.624  | 63    | 370597   | 154.127  | ug/l   | 98       |
| 40) Dibromomethane           | 9.712  | 93    | 248835   | 152.193  | ug/l   | 98       |
| 41) Bromodichloromethane     | 9.888  | 83    | 509473   | 154.377  | ug/l   | 98       |
| 42) Vinyl Acetate            | 6.618  | 43    | 5152202  | 776.574  | ug/l   | 98       |

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 Operator : JC\MD  
 Sample : VSTDICC150  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC150

Quant Time: Jun 25 15:25:14 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N062525W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Jun 25 10:49:56 2025  
 Response via : Initial Calibration

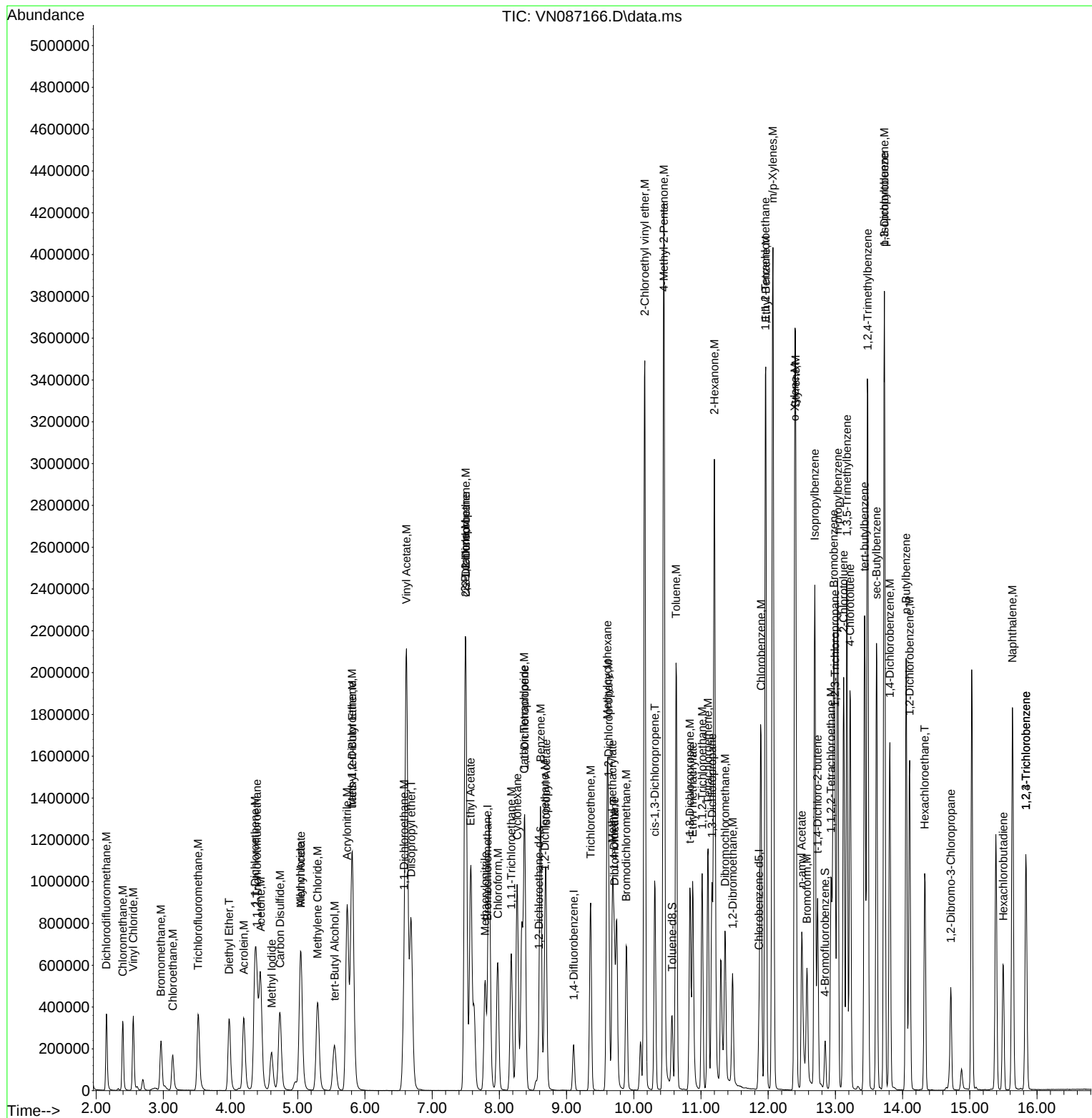
| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 43) Ethyl Acetate             | 7.571  | 43   | 596805   | 162.074  | ug/l   | 97       |
| 44) Isopropyl Acetate         | 8.694  | 43   | 922972   | 153.841  | ug/l   | 96       |
| 45) 1,4-Dioxane               | 9.706  | 88   | 136174   | 3355.337 | ug/l # | 93       |
| 46) Methyl methacrylate       | 9.682  | 41   | 448002   | 160.629  | ug/l   | 98       |
| 47) n-amyl Acetate            | 12.500 | 43   | 635191   | 173.169  | ug/l # | 100      |
| 48) t-1,3-Dichloropropene     | 10.835 | 75   | 593288   | 161.262  | ug/l   | 100      |
| 49) cis-1,3-Dichloropropene   | 10.312 | 75   | 629822   | 161.034  | ug/l   | 99       |
| 50) 1,1,2-Trichloroethane     | 11.018 | 97   | 355131   | 152.906  | ug/l   | 98       |
| 51) Ethyl methacrylate        | 10.876 | 69   | 631073   | 178.522  | ug/l   | 97       |
| 52) 1,3-Dichloropropane       | 11.165 | 76   | 622735   | 156.179  | ug/l   | 98       |
| 53) Dibromochloromethane      | 11.359 | 129  | 393072   | 161.228  | ug/l   | 98       |
| 54) 1,2-Dibromoethane         | 11.470 | 107  | 376916   | 157.299  | ug/l   | 98       |
| 55) 2-Chloroethyl vinyl ether | 10.165 | 63   | 1674601  | 826.456  | ug/l   | 99       |
| 56) Bromoform                 | 12.576 | 173  | 267364   | 159.528  | ug/l   | 100      |
| 58) 4-Methyl-2-Pentanone      | 10.447 | 43   | 2972532  | 791.652  | ug/l   | 97       |
| 59) 2-Hexanone                | 11.200 | 43   | 2111404  | 870.824  | ug/l   | 98       |
| 61) Tetrachloroethene         | 11.106 | 164  | 281420   | 152.149  | ug/l   | 97       |
| 62) Toluene                   | 10.629 | 91   | 1606715  | 152.314  | ug/l   | 98       |
| 64) Chlorobenzene             | 11.894 | 112  | 1032685  | 153.471  | ug/l   | 100      |
| 65) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 340847   | 153.308  | ug/l   | 99       |
| 66) Ethyl Benzene             | 11.965 | 91   | 1822466  | 157.842  | ug/l   | 99       |
| 67) m/p-Xylenes               | 12.070 | 106  | 1394481  | 315.174  | ug/l   | 99       |
| 68) o-Xylene                  | 12.394 | 106  | 672570   | 159.333  | ug/l   | 99       |
| 69) Styrene                   | 12.412 | 104  | 1159533  | 160.007  | ug/l   | 98       |
| 70) Isopropylbenzene          | 12.694 | 105  | 1669808  | 158.835  | ug/l   | 100      |
| 71) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 567347   | 149.931  | ug/l   | 98       |
| 72) 1,2,3-Trichloropropane    | 12.994 | 75   | 788508   | 241.640  | ug/l   | 52       |
| 73) Bromobenzene              | 12.976 | 156  | 398769   | 156.370  | ug/l   | 96       |
| 74) n-propylbenzene           | 13.035 | 91   | 2036919  | 158.598  | ug/l   | 98       |
| 75) 2-Chlorotoluene           | 13.123 | 91   | 1222718  | 157.581  | ug/l   | 98       |
| 76) 1,3,5-Trimethylbenzene    | 13.170 | 105  | 1356652  | 158.518  | ug/l   | 99       |
| 77) t-1,4-Dichloro-2-butene   | 12.735 | 75   | 240560   | 166.195  | ug/l   | 94       |
| 78) 4-Chlorotoluene           | 13.217 | 91   | 1255673  | 158.007  | ug/l   | 99       |
| 79) tert-butylbenzene         | 13.435 | 119  | 1162060  | 161.530  | ug/l   | 98       |
| 80) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 1387864  | 161.492  | ug/l   | 100      |
| 81) sec-Butylbenzene          | 13.612 | 105  | 1597517  | 152.758  | ug/l   | 99       |
| 82) p-Isopropyltoluene        | 13.729 | 119  | 1349971  | 155.116  | ug/l   | 99       |
| 83) 1,3-Dichlorobenzene       | 13.729 | 146  | 729988   | 148.650  | ug/l   | 100      |
| 84) 1,4-Dichlorobenzene       | 13.812 | 146  | 736335   | 148.985  | ug/l   | 99       |
| 85) n-Butylbenzene            | 14.053 | 91   | 1220446  | 153.699  | ug/l   | 99       |
| 86) Hexachloroethane          | 14.329 | 117  | 249792   | 151.628  | ug/l   | 96       |
| 87) 1,2-Dichlorobenzene       | 14.106 | 146  | 693617   | 149.799  | ug/l   | 100      |
| 88) 1,2-Dibromo-3-Chloropr... | 14.717 | 75   | 137557   | 161.439  | ug/l   | 92       |
| 89) 1,2,4-Trichlorobenzene    | 15.835 | 180  | 429237   | 163.850  | ug/l   | 97       |
| 90) Hexachlorobutadiene       | 15.500 | 225  | 120167   | 154.580  | ug/l   | 98       |
| 91) Naphthalene               | 15.635 | 128  | 1756242  | 170.340  | ug/l   | 99       |
| 92) 1,2,3-Trichlorobenzene    | 15.835 | 180  | 429237   | 163.850  | ug/l   | 97       |

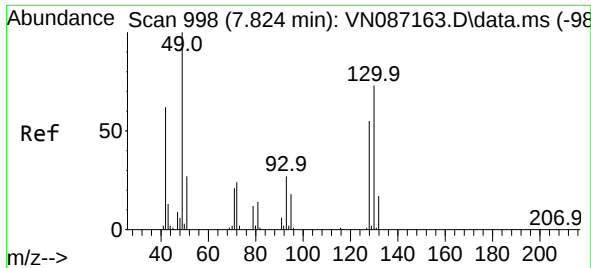
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN062525\  
 Data File : VN087166.D  
 Acq On : 25 Jun 2025 10:24  
 Operator : JC\MD  
 Sample : VSTDIC150  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC150

Quant Time: Jun 25 15:25:14 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N062525W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Jun 25 10:49:56 2025  
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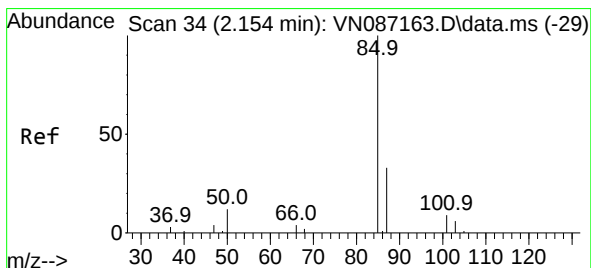
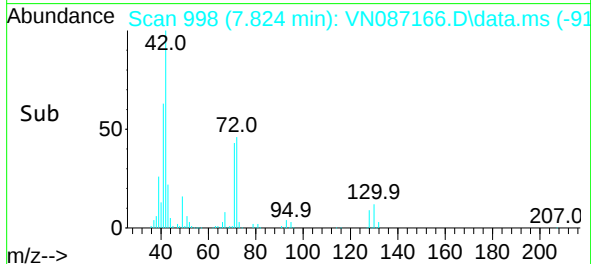
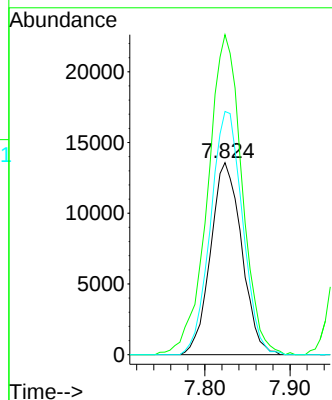
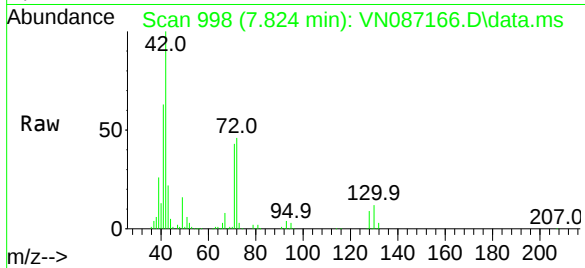




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 7.824 min Scan# 998  
Delta R.T. -0.000 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

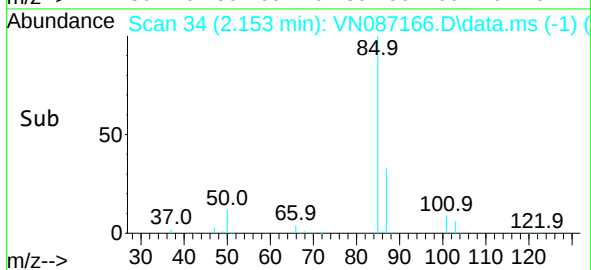
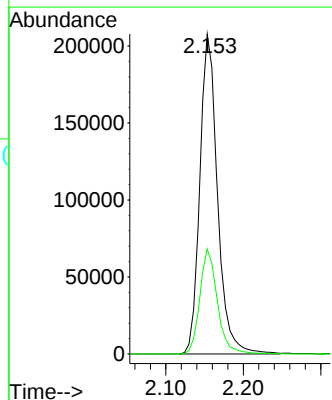
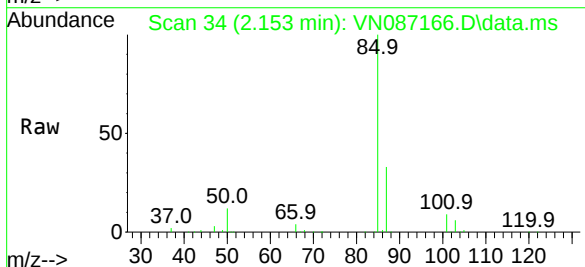
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

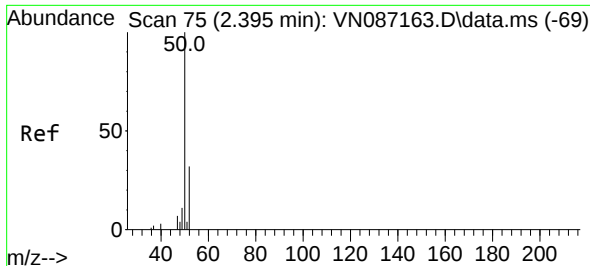
Tgt Ion:128 Resp: 34436  
Ion Ratio Lower Upper  
128 100  
49 183.2 0.0 450.5  
130 129.8 0.0 320.7



#2  
Dichlorodifluoromethane  
Concen: 158.590 ug/l  
RT: 2.153 min Scan# 34  
Delta R.T. -0.000 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

Tgt Ion: 85 Resp: 328743  
Ion Ratio Lower Upper  
85 100  
87 32.8 16.7 50.0

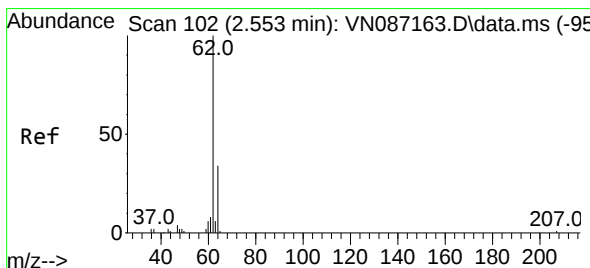
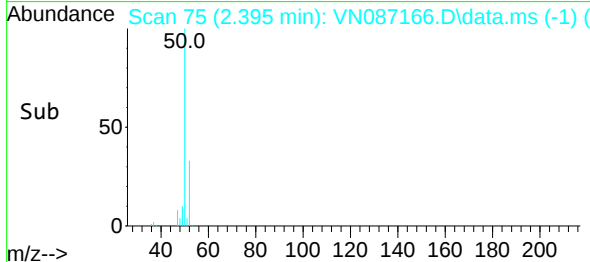
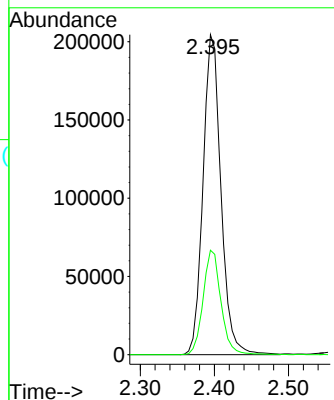
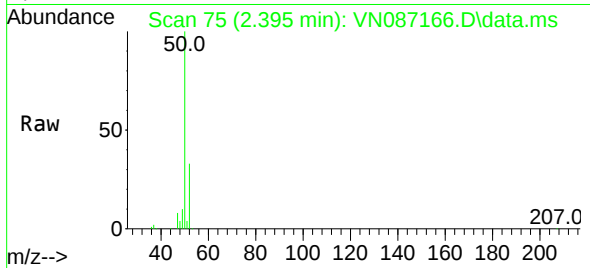




#3  
Chloromethane  
Concen: 162.767 ug/l  
RT: 2.395 min Scan# 75  
Delta R.T. -0.000 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

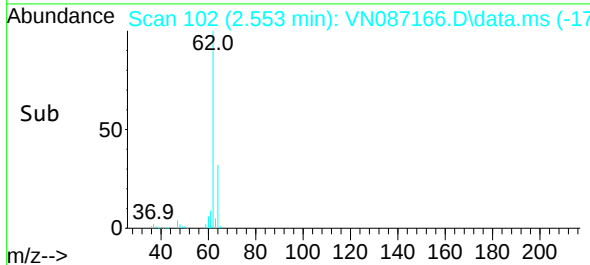
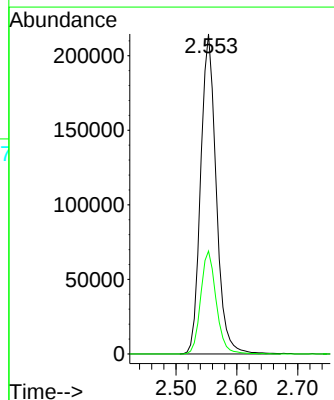
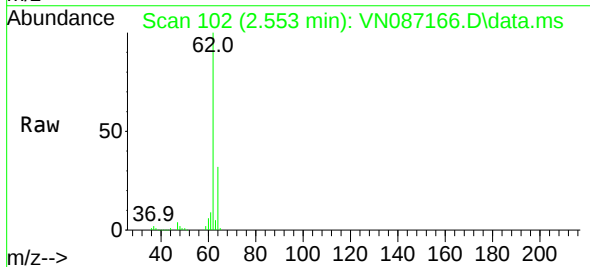
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

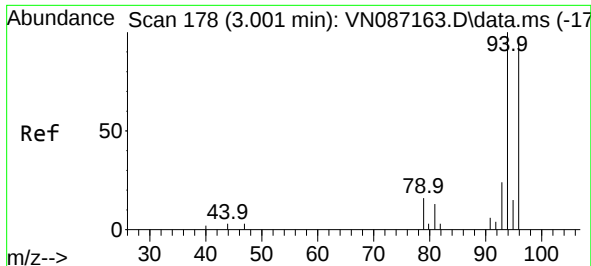
Tgt Ion: 50 Resp: 344616  
Ion Ratio Lower Upper  
50 100  
52 32.6 25.9 38.9



#4  
Vinyl Chloride  
Concen: 165.319 ug/l  
RT: 2.553 min Scan# 102  
Delta R.T. -0.000 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

Tgt Ion: 62 Resp: 380413  
Ion Ratio Lower Upper  
62 100  
64 32.2 27.4 41.2

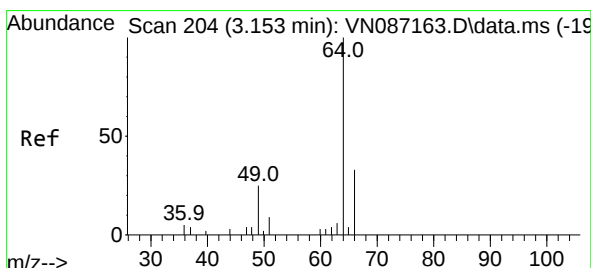
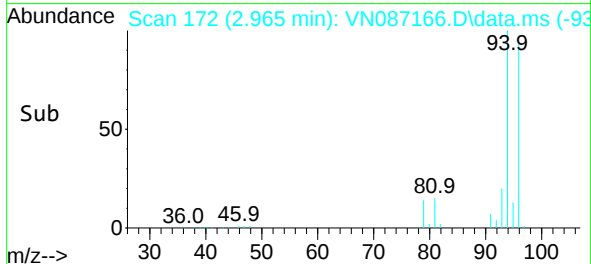
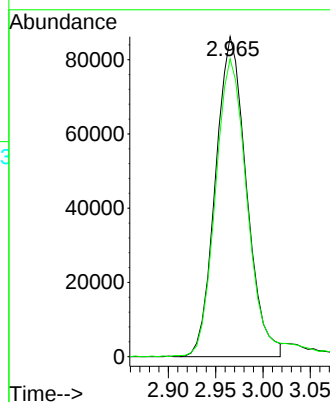
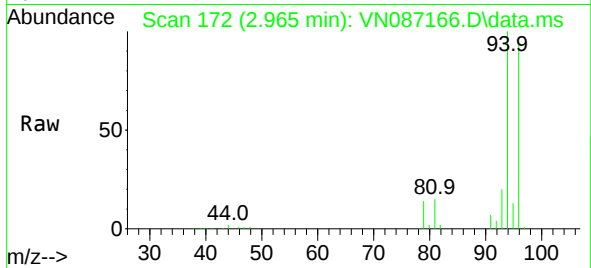




#5  
Bromomethane  
Concen: 160.555 ug/l  
RT: 2.965 min Scan# 11  
Delta R.T. -0.035 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

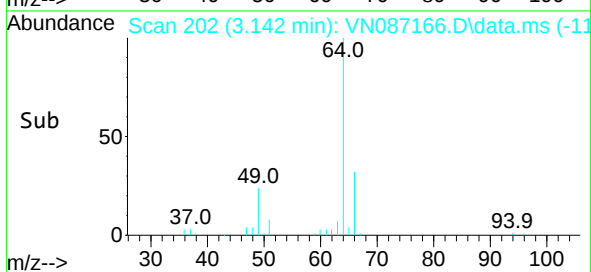
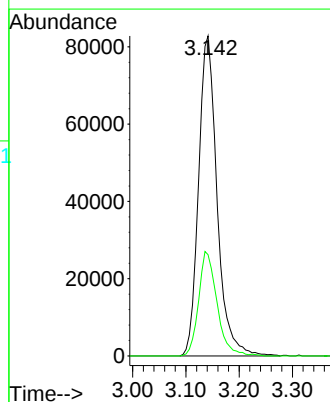
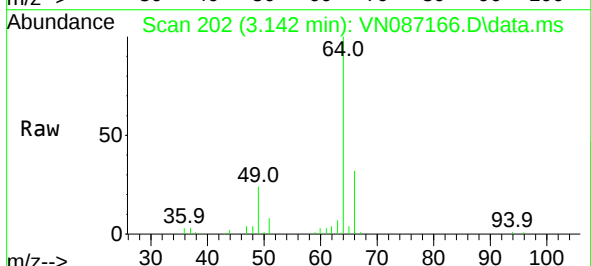
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

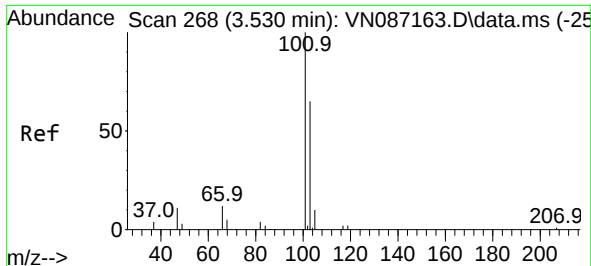
Tgt Ion: 94 Resp: 196072  
Ion Ratio Lower Upper  
94 100  
96 92.8 77.9 116.9



#6  
Chloroethane  
Concen: 161.966 ug/l  
RT: 3.142 min Scan# 202  
Delta R.T. -0.012 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

Tgt Ion: 64 Resp: 199925  
Ion Ratio Lower Upper  
64 100  
66 31.6 26.4 39.6

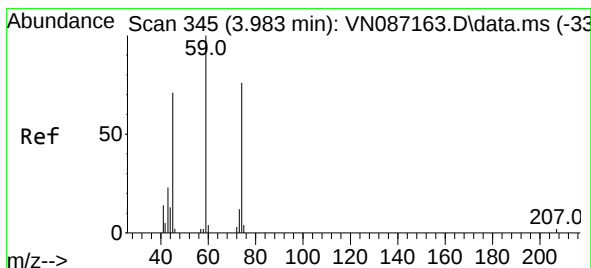
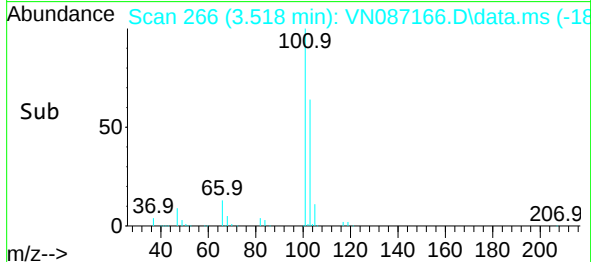
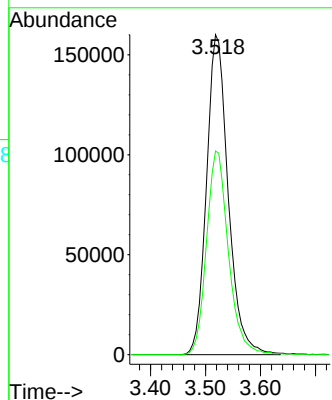
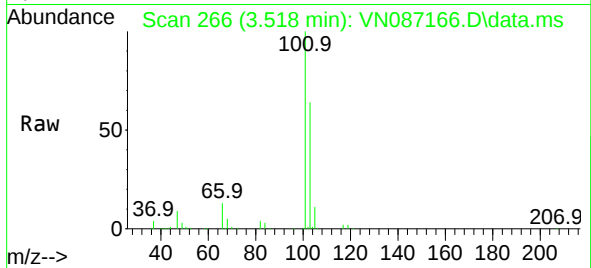




#7  
Trichlorofluoromethane  
Concen: 155.330 ug/l  
RT: 3.518 min Scan# 2  
Delta R.T. -0.012 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

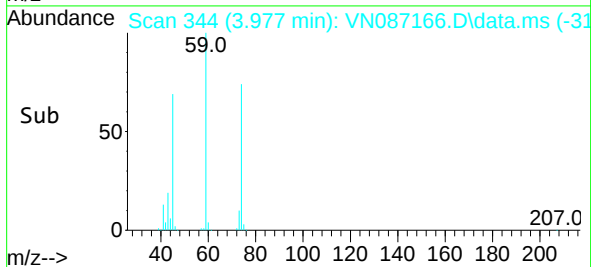
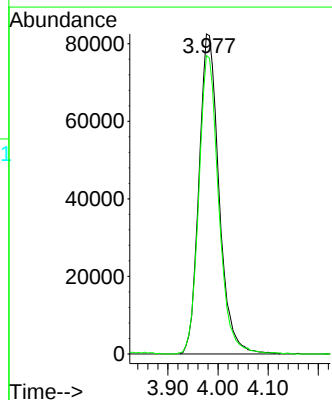
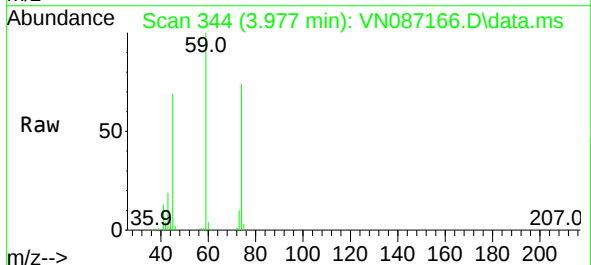
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

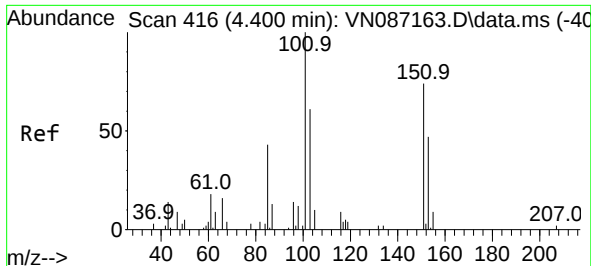
Tgt Ion:101 Resp: 438423  
Ion Ratio Lower Upper  
101 100  
103 63.6 51.8 77.8



#8  
Diethyl Ether  
Concen: 164.894 ug/l  
RT: 3.977 min Scan# 344  
Delta R.T. -0.006 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

Tgt Ion: 74 Resp: 228664  
Ion Ratio Lower Upper  
74 100  
45 92.4 19.0 171.0

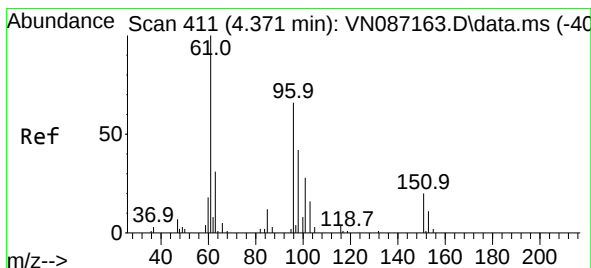
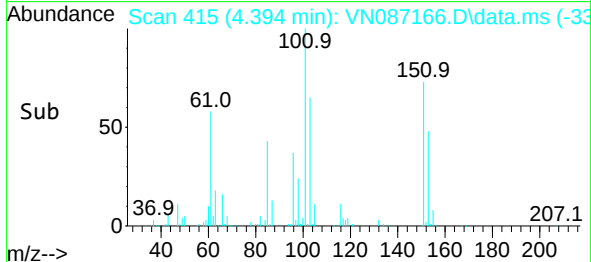
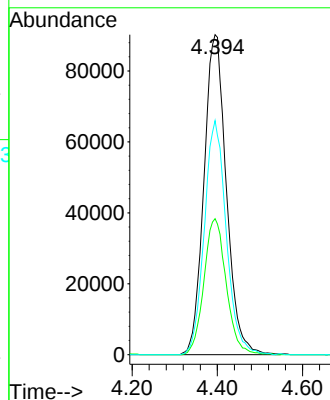
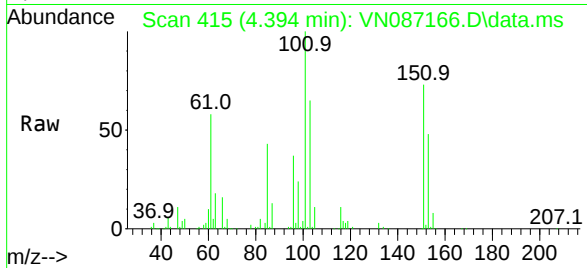




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 157.939 ug/l  
RT: 4.394 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

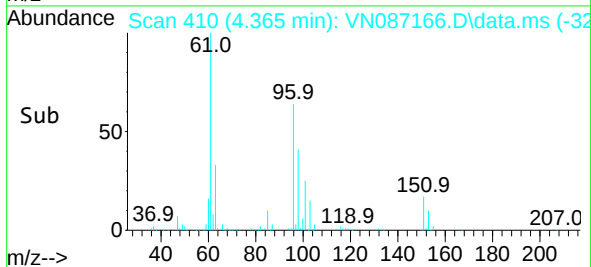
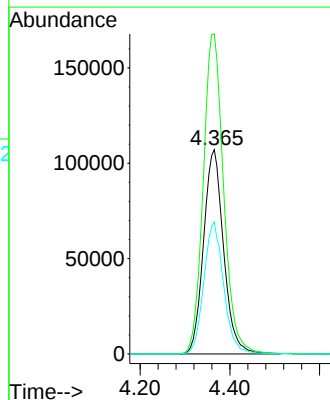
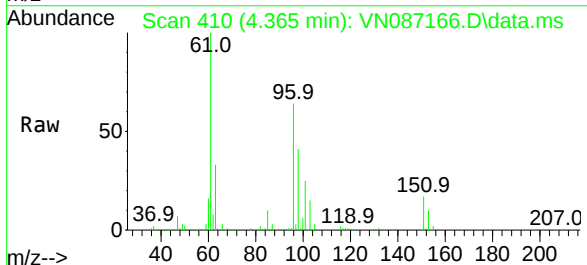
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

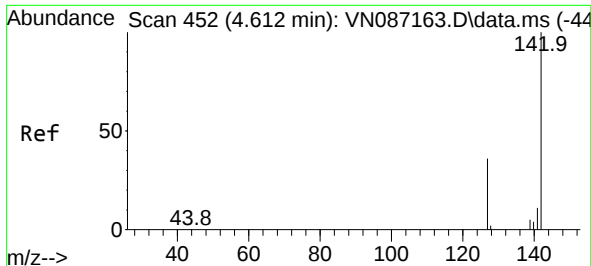
Tgt Ion:101 Resp: 330508  
Ion Ratio Lower Upper  
101 100  
85 42.2 0.0 40.6#  
151 71.6 0.0 141.2



#10  
1,1-Dichloroethene  
Concen: 159.215 ug/l  
RT: 4.365 min Scan# 410  
Delta R.T. -0.006 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

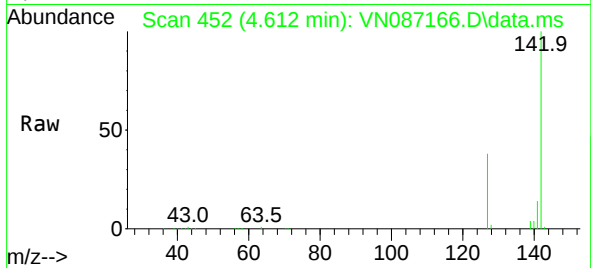
Tgt Ion: 96 Resp: 332121  
Ion Ratio Lower Upper  
96 100  
61 156.6 122.0 183.0  
98 64.7 50.3 75.5



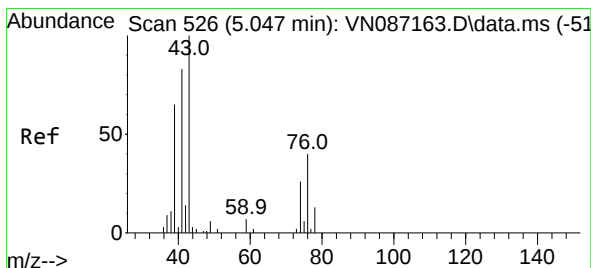
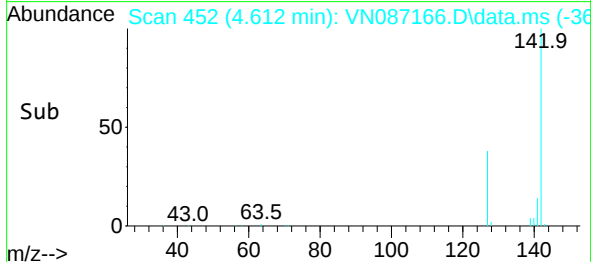
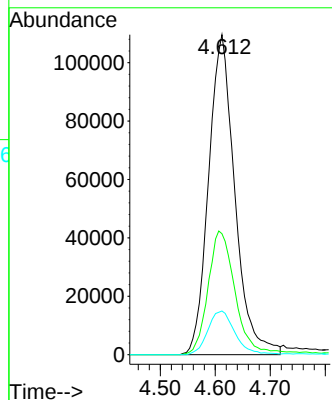


#11  
Methyl Iodide  
Concen: 194.744 ug/l  
RT: 4.612 min Scan# 452  
Delta R.T. -0.000 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

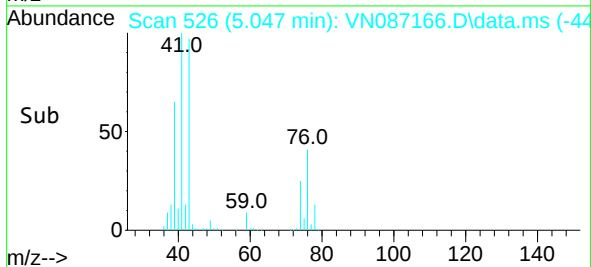
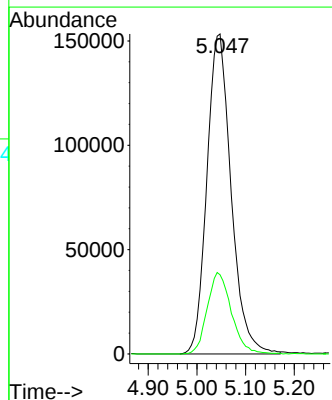
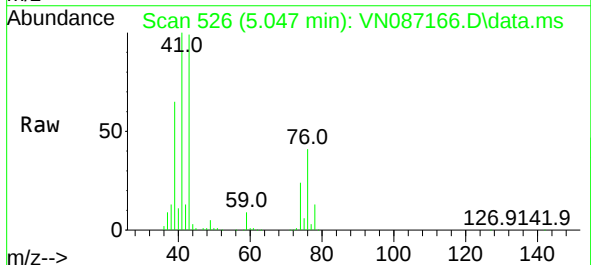


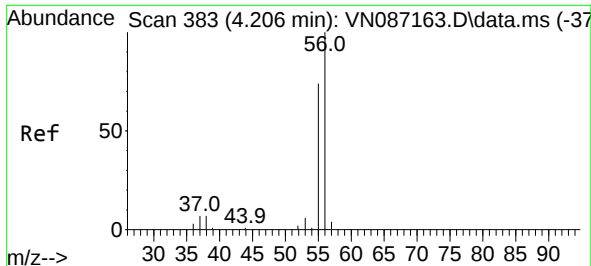
Tgt Ion:142 Resp: 363941  
Ion Ratio Lower Upper  
142 100  
127 37.7 18.1 54.1  
141 13.7 5.7 17.1



#12  
Methyl Acetate  
Concen: 161.749 ug/l  
RT: 5.047 min Scan# 526  
Delta R.T. -0.000 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

Tgt Ion: 43 Resp: 529248  
Ion Ratio Lower Upper  
43 100  
74 24.7 20.3 30.5

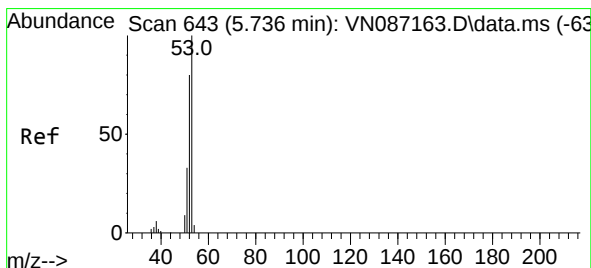
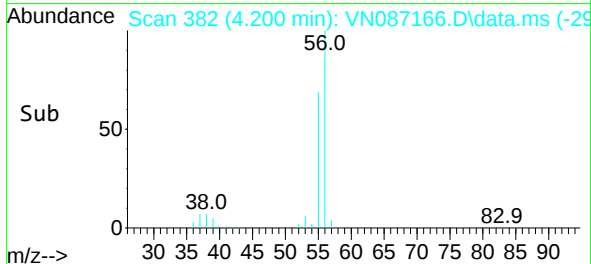
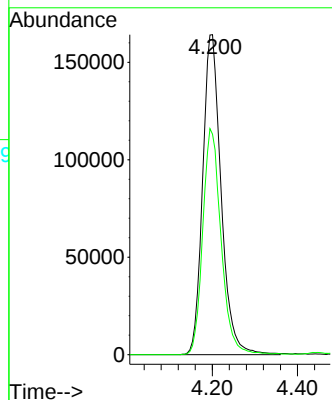
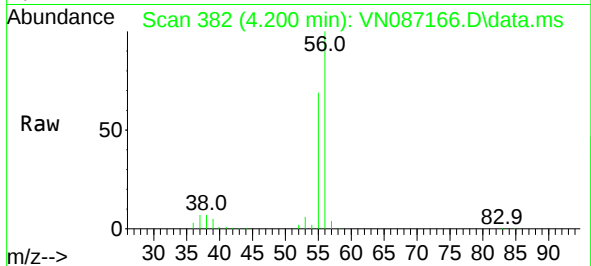




#13  
Acrolein  
Concen: 982.740 ug/l  
RT: 4.200 min Scan# 383  
Delta R.T. -0.006 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

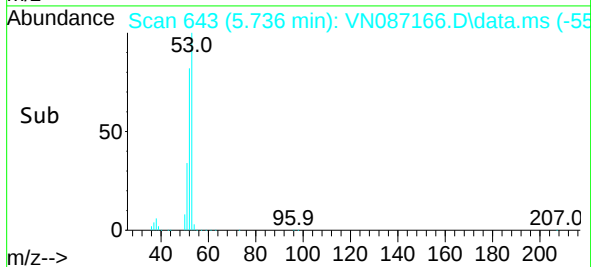
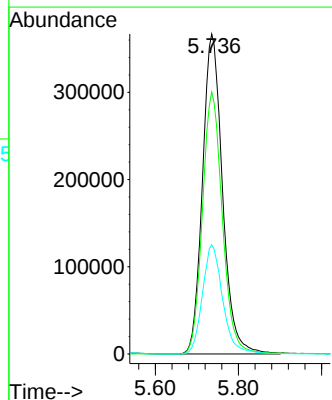
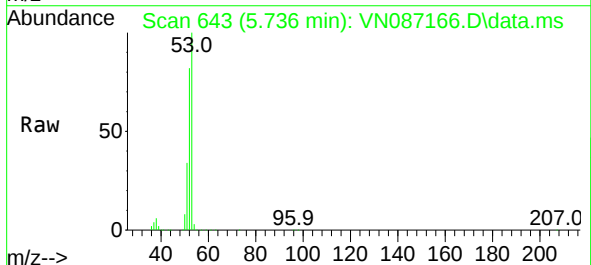
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

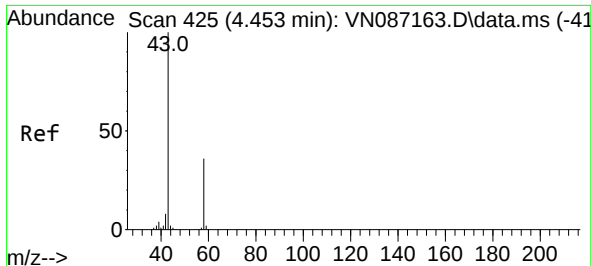
Tgt Ion: 56 Resp: 494100  
Ion Ratio Lower Upper  
56 100  
55 69.7 55.7 83.5



#14  
Acrylonitrile  
Concen: 805.689 ug/l  
RT: 5.736 min Scan# 643  
Delta R.T. -0.000 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

Tgt Ion: 53 Resp: 1229651  
Ion Ratio Lower Upper  
53 100  
52 81.2 40.5 121.5  
51 34.5 16.9 50.7





#15

Acetone

Concen: 753.668 ug/l

RT: 4.447 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN087166.D

Acq: 25 Jun 2025 10:24

Instrument :

MSVOA\_N

ClientSampleId :

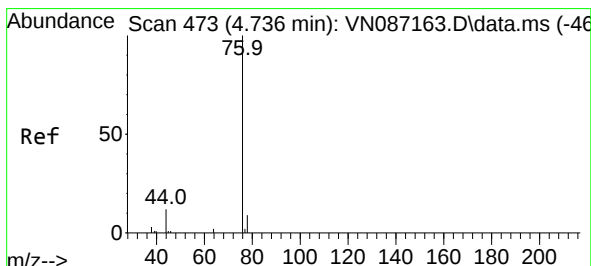
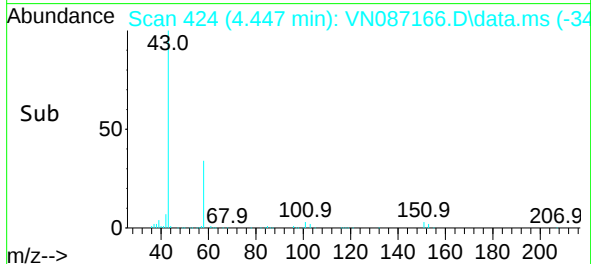
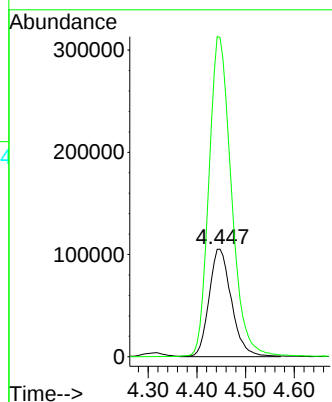
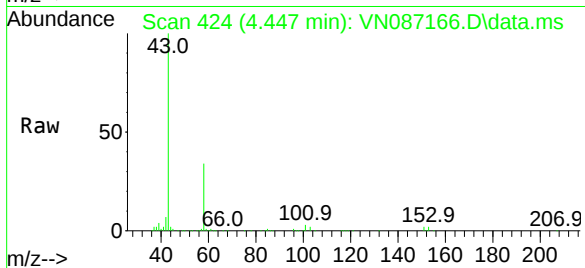
VSTDICC150

Tgt Ion: 58 Resp: 335530

Ion Ratio Lower Upper

58 100

43 297.6 224.3 336.5



#16

Carbon Disulfide

Concen: 153.251 ug/l

RT: 4.736 min Scan# 473

Delta R.T. -0.000 min

Lab File: VN087166.D

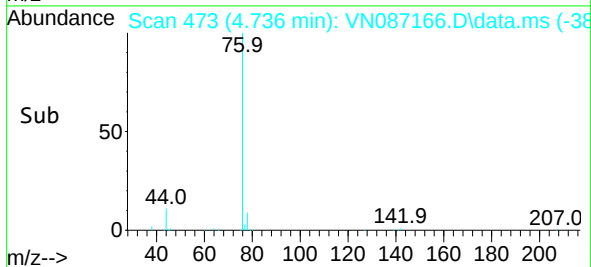
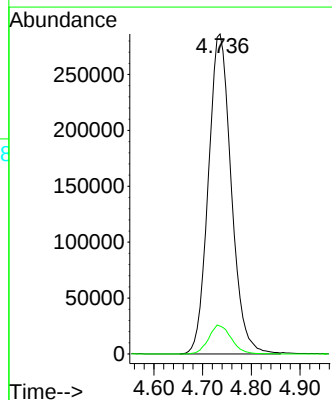
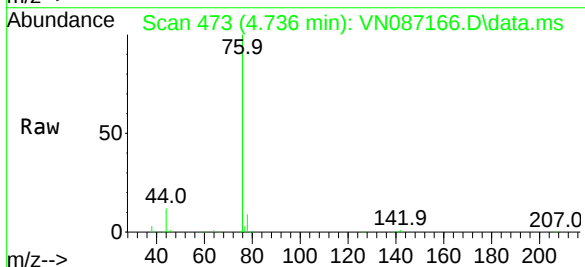
Acq: 25 Jun 2025 10:24

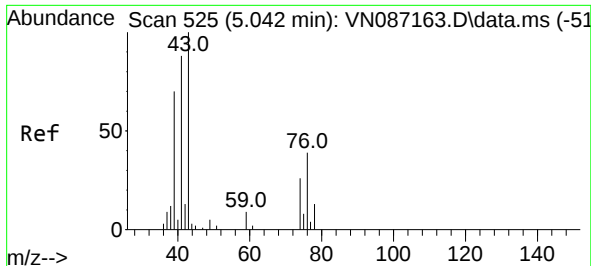
Tgt Ion: 76 Resp: 934684

Ion Ratio Lower Upper

76 100

78 8.7 7.2 10.8

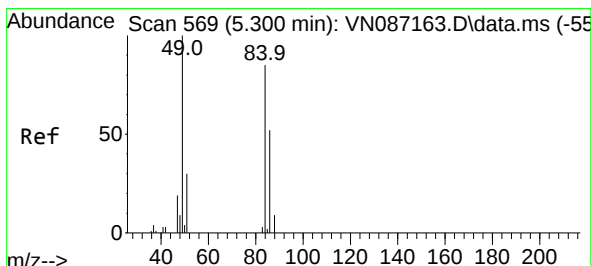
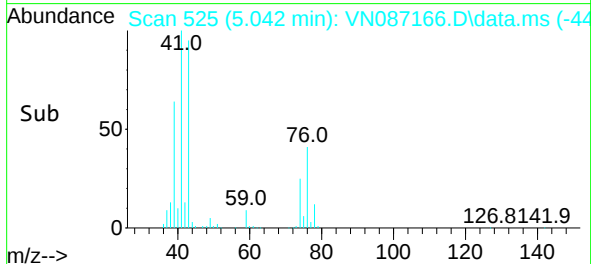
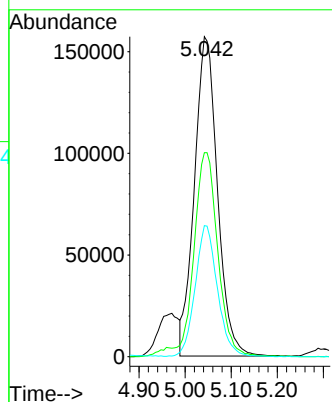
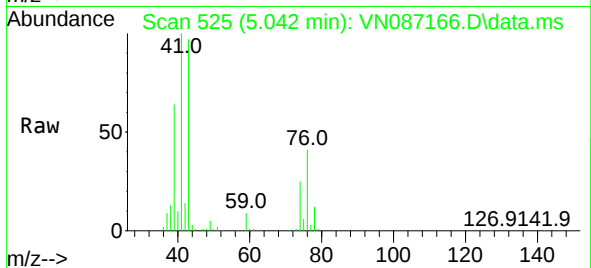




#17  
 Allyl chloride  
 Concen: 159.070 ug/l  
 RT: 5.042 min Scan# 51  
 Delta R.T. -0.000 min  
 Lab File: VN087166.D  
 Acq: 25 Jun 2025 10:24

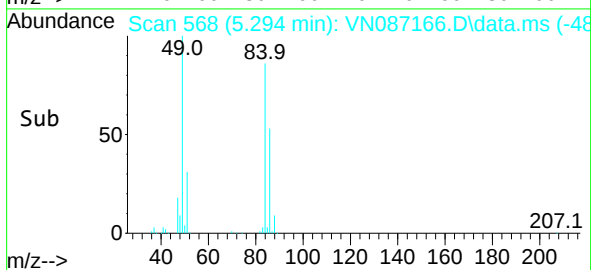
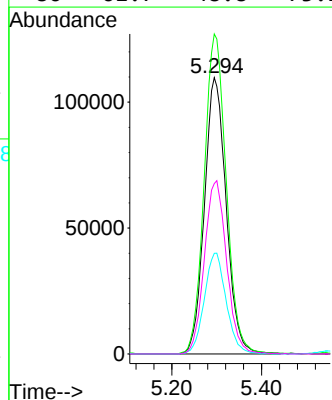
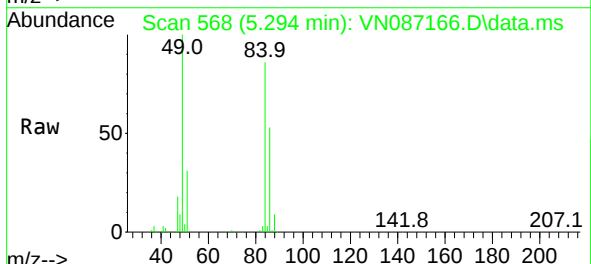
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC150

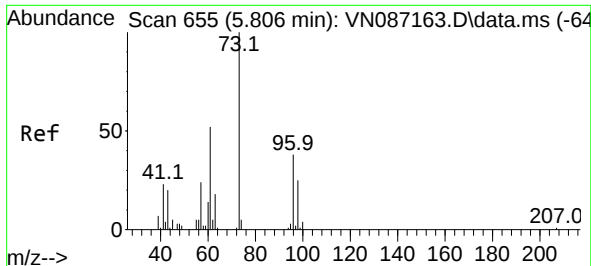
Tgt Ion: 41 Resp: 547297  
 Ion Ratio Lower Upper  
 41 100  
 39 63.6 36.0 108.0  
 76 40.9 19.5 58.5



#18  
 Methylene Chloride  
 Concen: 153.369 ug/l  
 RT: 5.294 min Scan# 568  
 Delta R.T. -0.006 min  
 Lab File: VN087166.D  
 Acq: 25 Jun 2025 10:24

Tgt Ion: 84 Resp: 370628  
 Ion Ratio Lower Upper  
 84 100  
 49 115.5 94.0 141.0  
 51 36.4 28.3 42.5  
 86 61.7 48.8 73.2

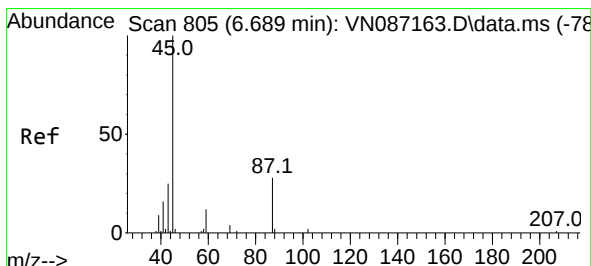
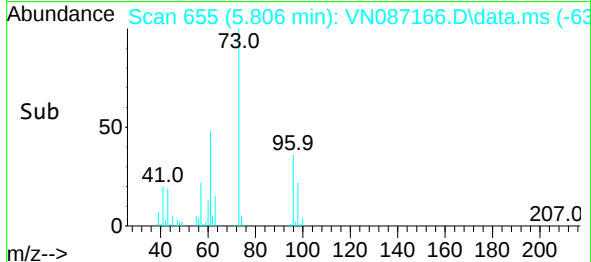
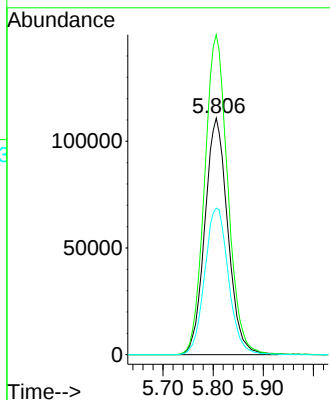
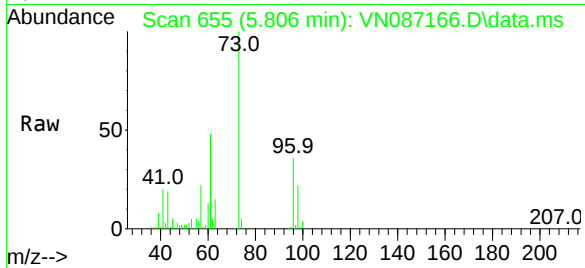




#19  
trans-1,2-Dichloroethene  
Concen: 155.038 ug/l  
RT: 5.806 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

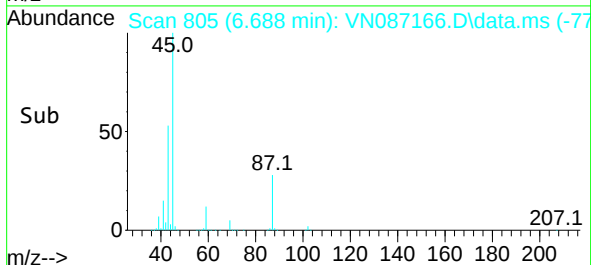
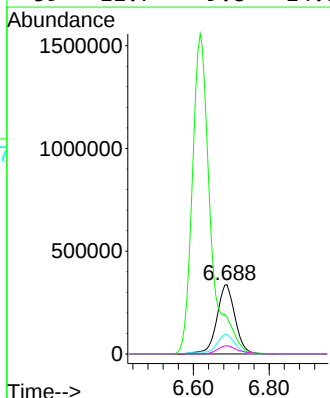
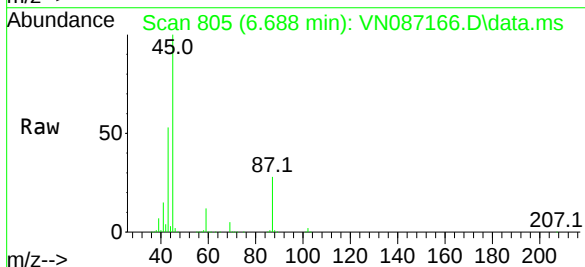
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

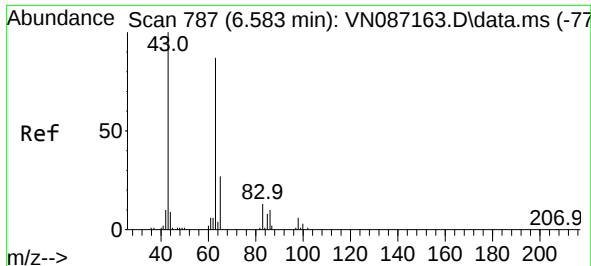
Tgt Ion: 96 Resp: 353679  
Ion Ratio Lower Upper  
96 100  
61 135.0 110.3 165.5  
98 62.0 51.6 77.4



#20  
Diisopropyl ether  
Concen: 154.399 ug/l  
RT: 6.688 min Scan# 805  
Delta R.T. -0.000 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

Tgt Ion: 45 Resp: 1127057  
Ion Ratio Lower Upper  
45 100  
43 52.2 45.3 67.9  
87 28.1 22.6 33.8  
59 11.7 9.8 14.8

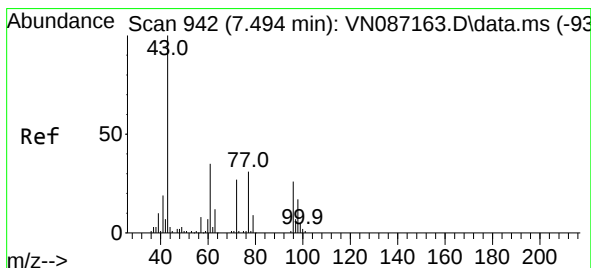
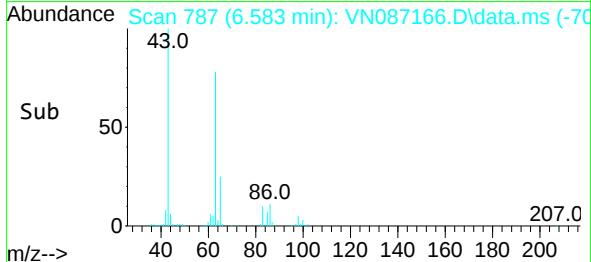
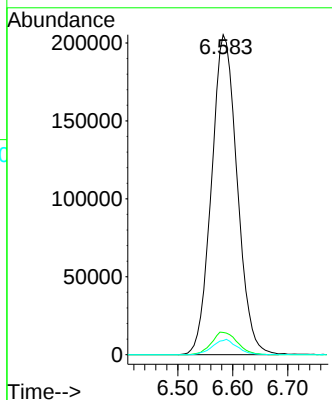
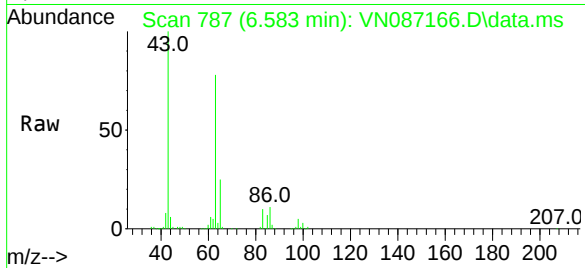




#21  
1,1-Dichloroethane  
Concen: 152.613 ug/l  
RT: 6.583 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

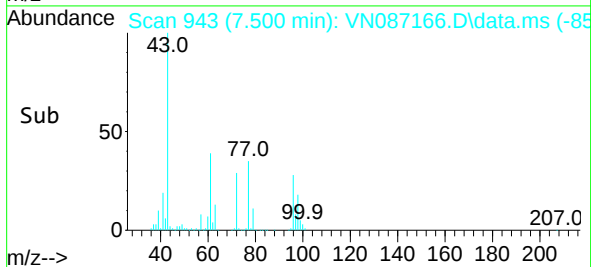
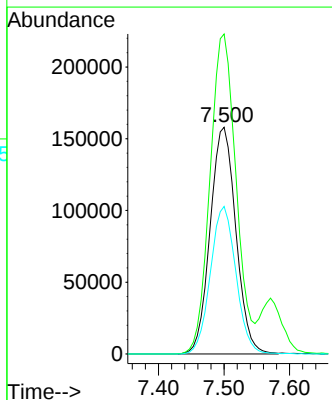
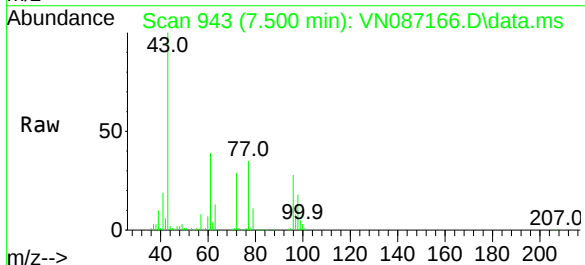
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

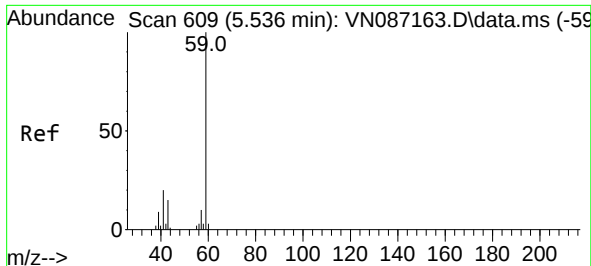
Tgt Ion: 63 Resp: 665820  
Ion Ratio Lower Upper  
63 100  
98 7.0 3.5 10.4  
100 4.4 2.0 5.8



#22  
cis-1,2-Dichloroethene  
Concen: 162.490 ug/l  
RT: 7.500 min Scan# 943  
Delta R.T. 0.006 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

Tgt Ion: 96 Resp: 431407  
Ion Ratio Lower Upper  
96 100  
61 142.9 119.2 178.8  
98 64.4 50.6 75.8

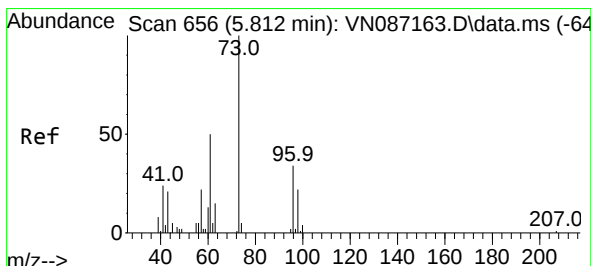
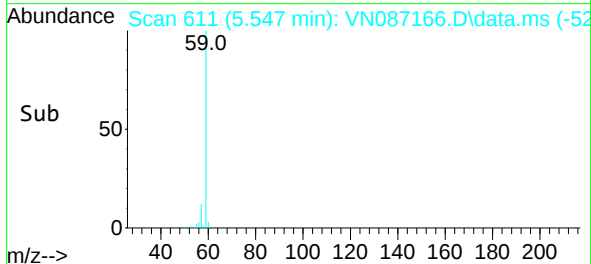
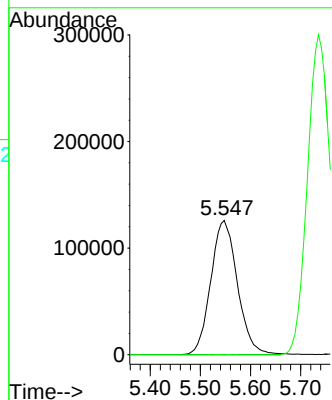
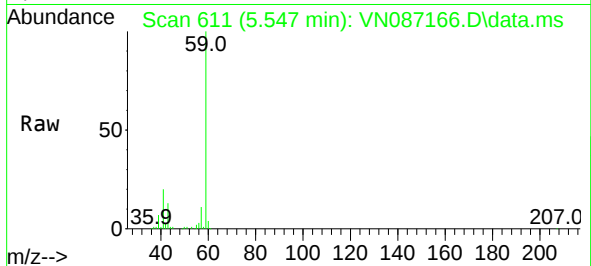




#23  
tert-Butyl Alcohol  
Concen: 809.606 ug/l  
RT: 5.547 min Scan# 611  
Delta R.T. 0.012 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

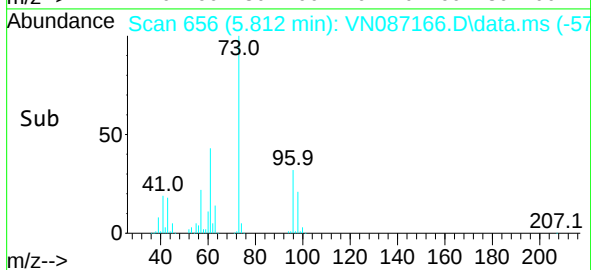
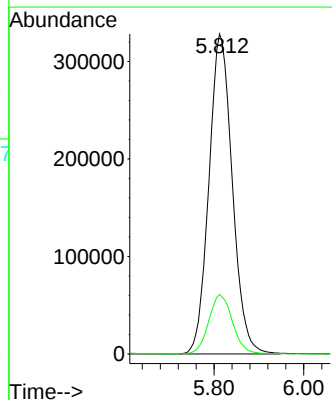
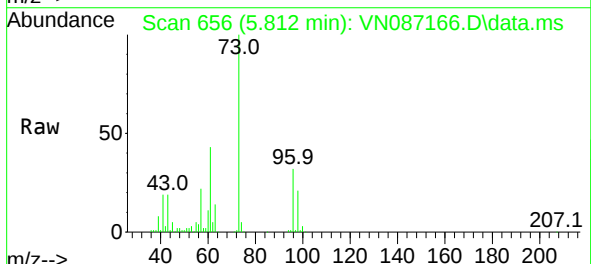
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC150

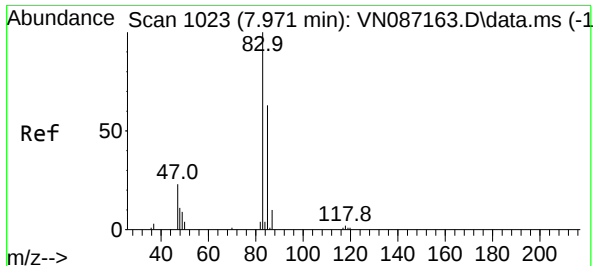
Tgt Ion: 59 Resp: 464693  
Ion Ratio Lower Upper  
59 100  
52 0.0 0.0 0.0#



#24  
Methyl tert-Butyl Ether  
Concen: 162.463 ug/l  
RT: 5.812 min Scan# 656  
Delta R.T. -0.000 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

Tgt Ion: 73 Resp: 1188591  
Ion Ratio Lower Upper  
73 100  
43 18.9 16.4 24.6

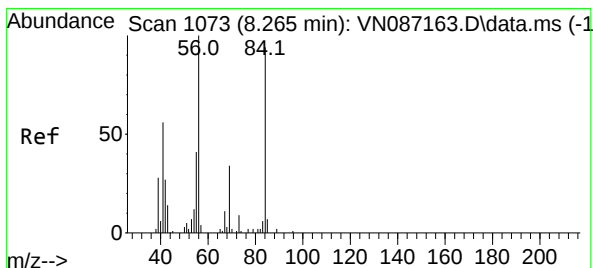
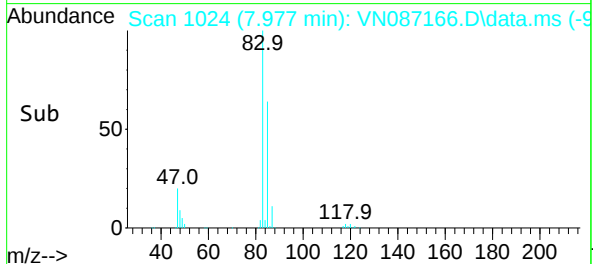
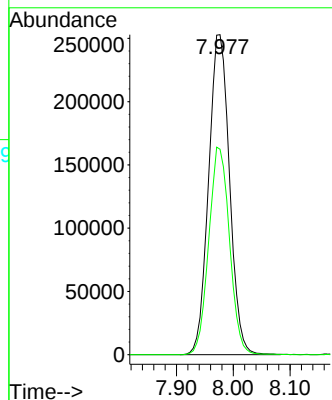
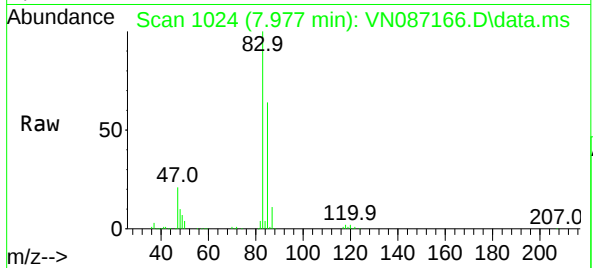




#25  
Chloroform  
Concen: 154.590 ug/l  
RT: 7.977 min Scan# 1024  
Delta R.T. 0.006 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

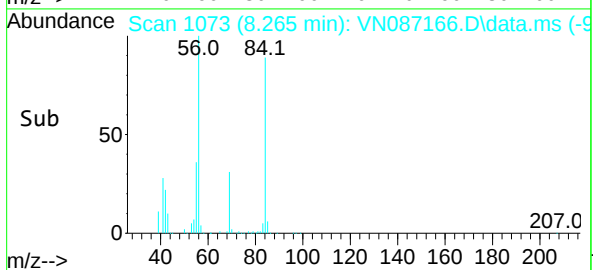
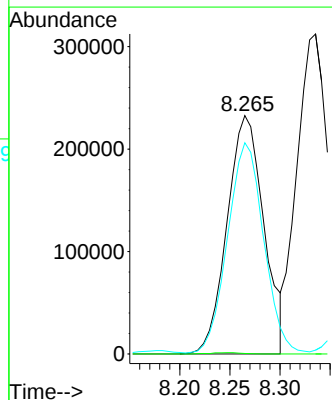
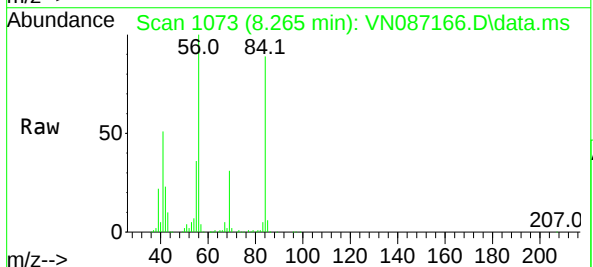
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

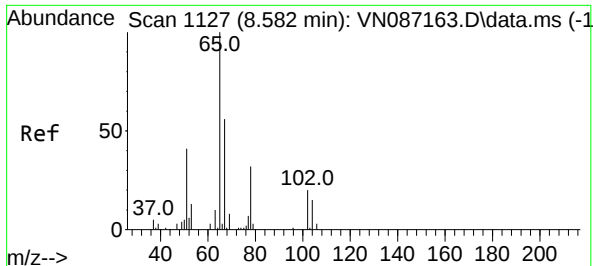
Tgt Ion: 83 Resp: 646145  
Ion Ratio Lower Upper  
83 100  
85 64.2 50.7 76.1



#26  
Cyclohexane  
Concen: 163.558 ug/l  
RT: 8.265 min Scan# 1073  
Delta R.T. -0.000 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

Tgt Ion: 56 Resp: 593136  
Ion Ratio Lower Upper  
56 100  
89 0.4 6.9 10.3#  
84 87.6 69.1 103.7

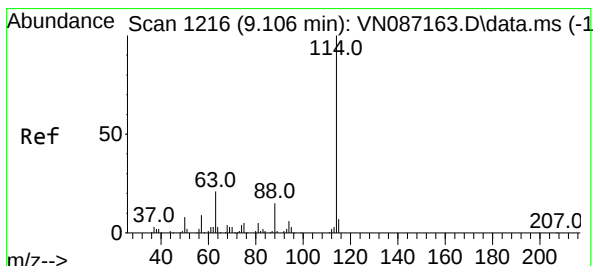
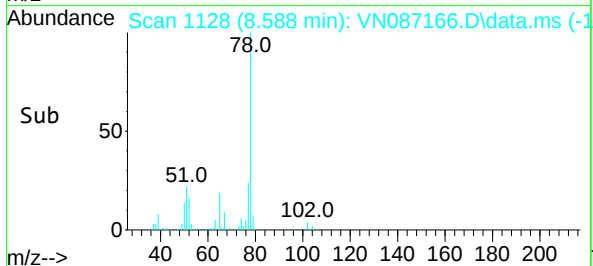
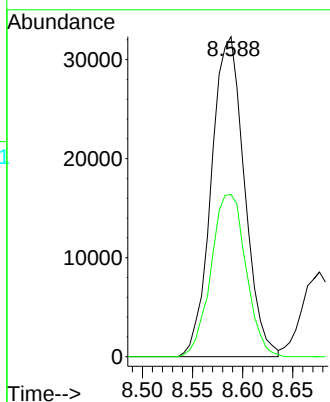
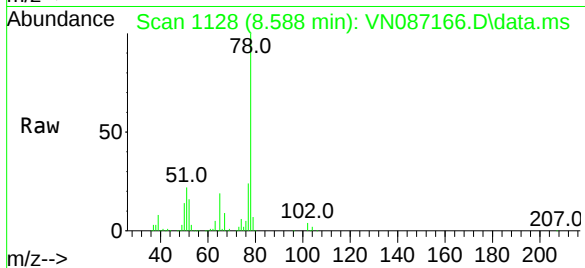




#27  
1,2-Dichloroethane-d4  
Concen: 28.571 ug/l  
RT: 8.588 min Scan# 1127  
Delta R.T. 0.006 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

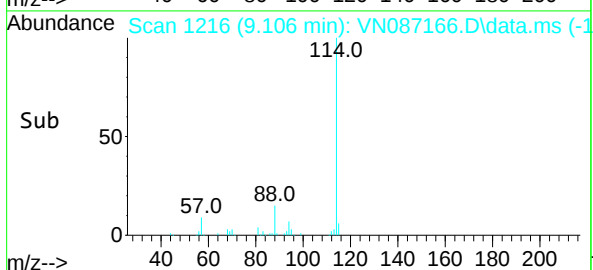
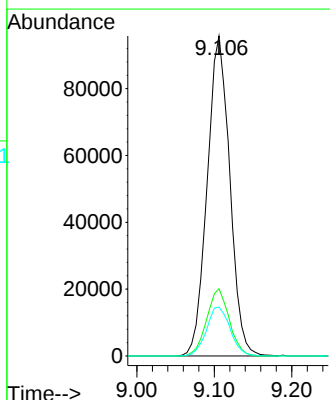
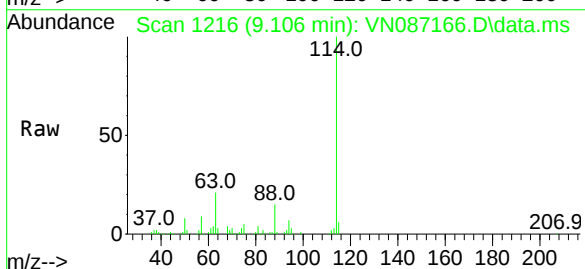
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

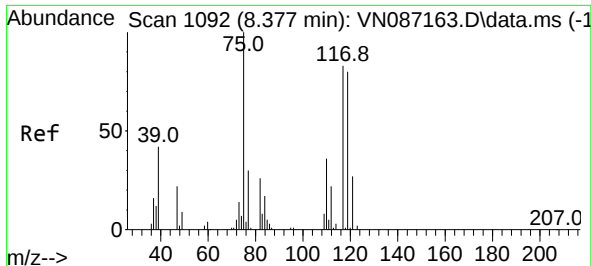
Tgt Ion: 65 Resp: 74130  
Ion Ratio Lower Upper  
65 100  
67 53.5 41.9 62.9



#28  
1,4-Difluorobenzene  
Concen: 30.000 ug/l  
RT: 9.106 min Scan# 1216  
Delta R.T. -0.000 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

Tgt Ion: 114 Resp: 194011  
Ion Ratio Lower Upper  
114 100  
63 20.9 17.0 25.4  
88 16.0 12.6 19.0





#29

1,1-Dichloropropene

Concen: 160.626 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN087166.D

Acq: 25 Jun 2025 10:24

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC150

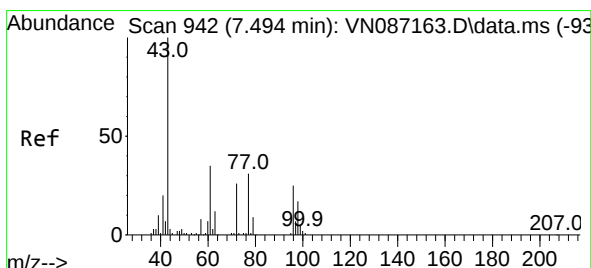
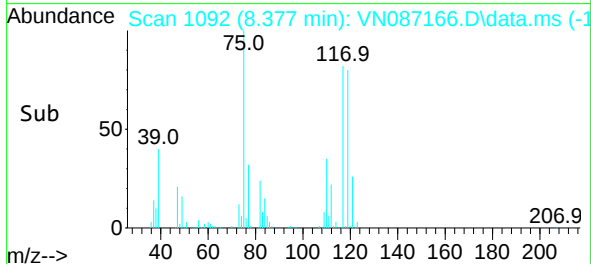
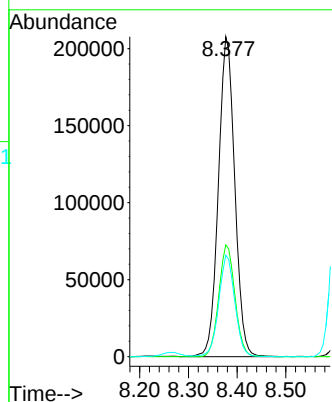
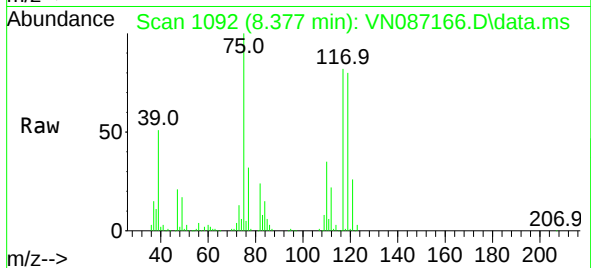
Tgt Ion: 75 Resp: 485720

Ion Ratio Lower Upper

75 100

110 34.5 0.0 69.2

77 31.3 0.0 61.8



#30

2-Butanone

Concen: 810.801 ug/l

RT: 7.494 min Scan# 942

Delta R.T. -0.000 min

Lab File: VN087166.D

Acq: 25 Jun 2025 10:24

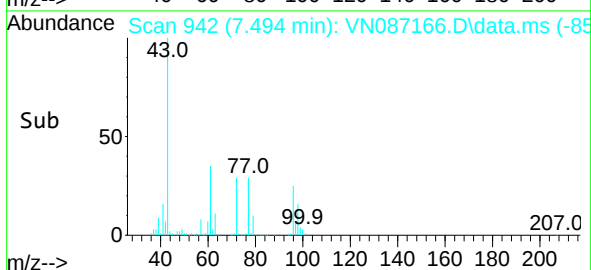
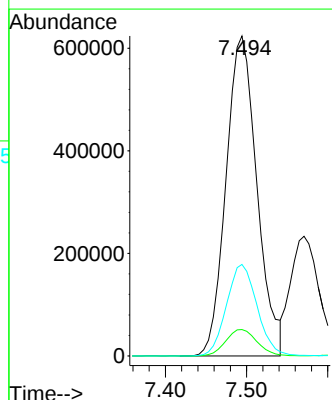
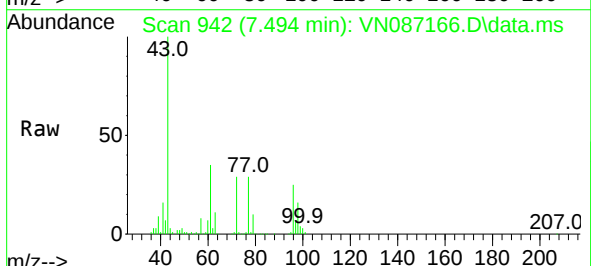
Tgt Ion: 43 Resp: 1653884

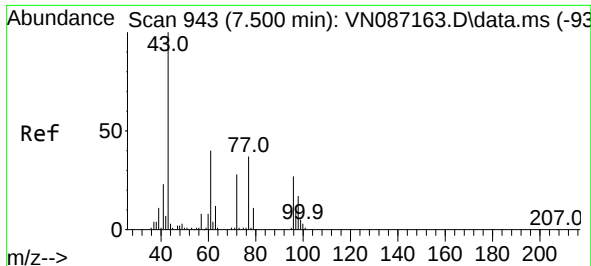
Ion Ratio Lower Upper

43 100

57 8.4 6.3 9.5

72 28.4 21.8 32.6





#31

2,2-Dichloropropane

Concen: 155.482 ug/l

RT: 7.500 min Scan# 943

Delta R.T. -0.000 min

Lab File: VN087166.D

Acq: 25 Jun 2025 10:24

Instrument :

MSVOA\_N

ClientSampleId :

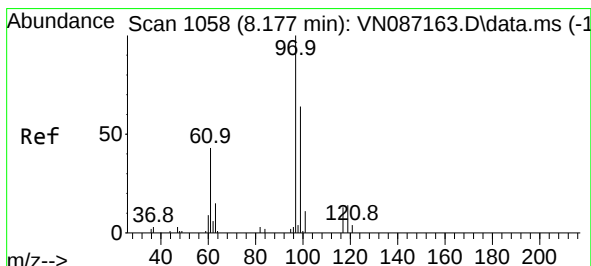
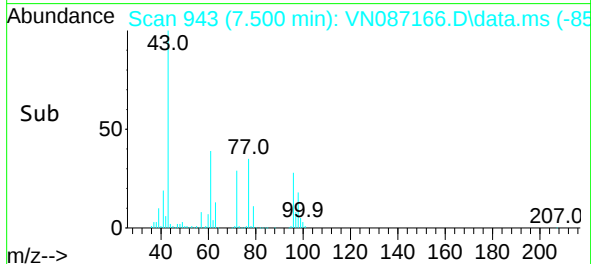
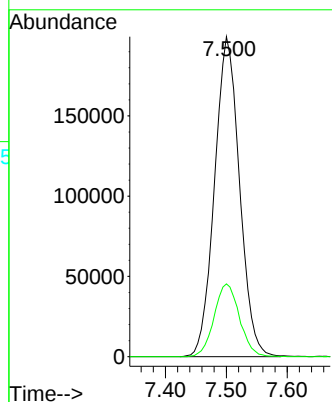
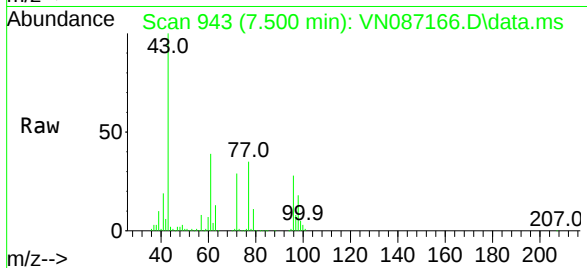
VSTDIC150

Tgt Ion: 77 Resp: 567545

Ion Ratio Lower Upper

77 100

97 23.1 18.4 27.6



#32

1,1,1-Trichloroethane

Concen: 155.055 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN087166.D

Acq: 25 Jun 2025 10:24

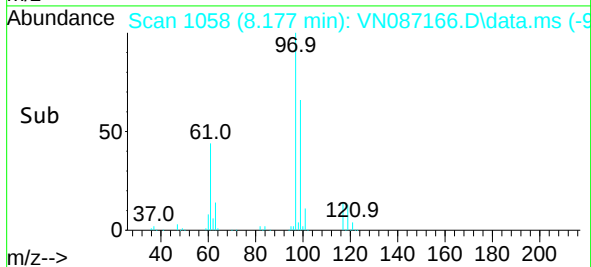
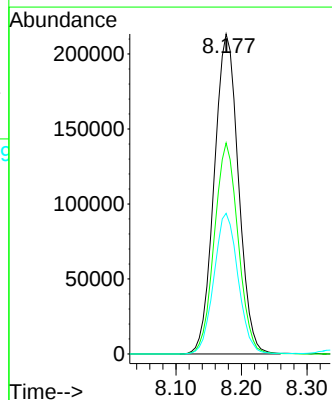
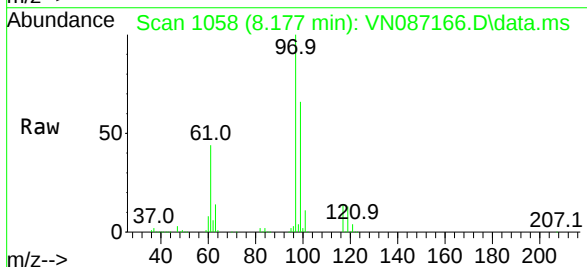
Tgt Ion: 97 Resp: 547772

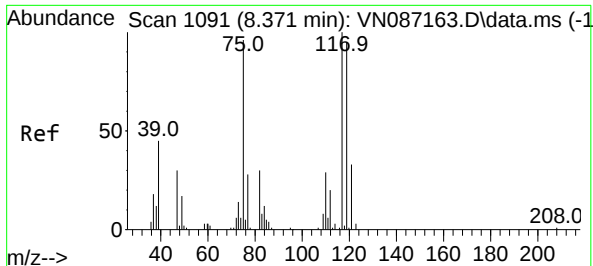
Ion Ratio Lower Upper

97 100

99 64.7 50.8 76.2

61 43.7 36.1 54.1

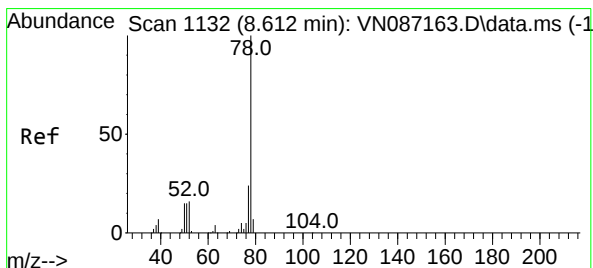
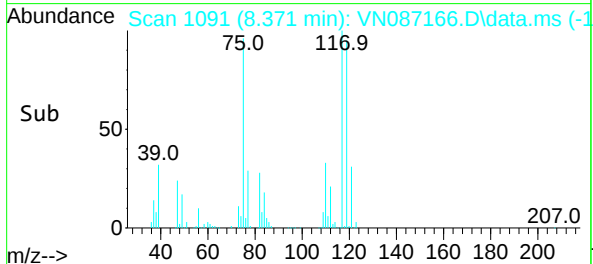
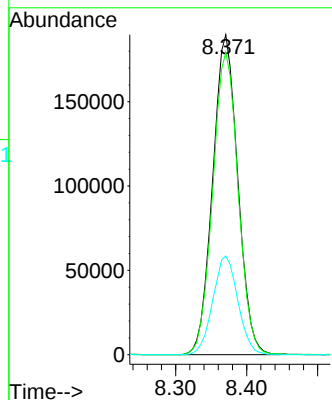
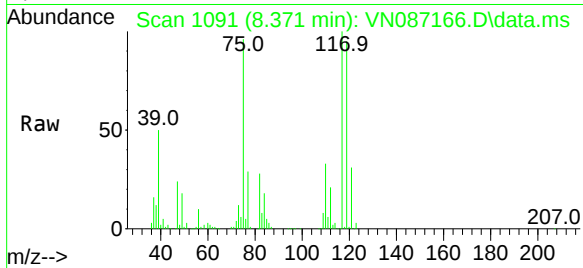




#33  
Carbon Tetrachloride  
Concen: 156.717 ug/l  
RT: 8.371 min Scan# 1091  
Delta R.T. -0.000 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

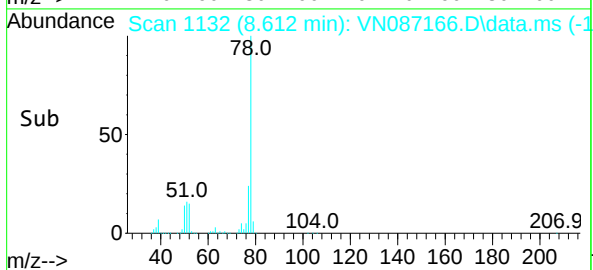
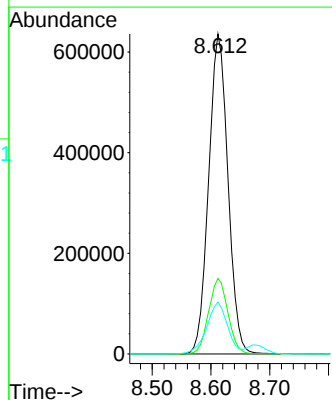
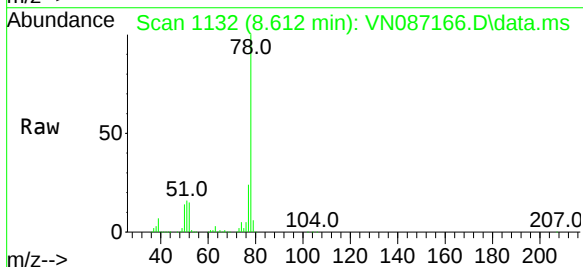
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

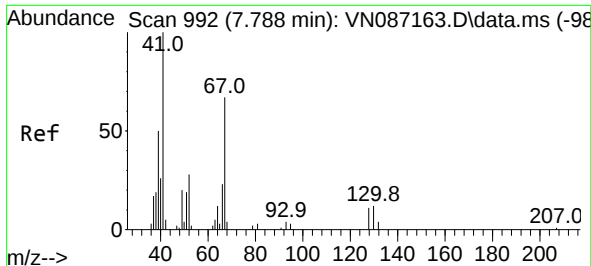
Tgt Ion:117 Resp: 465916  
Ion Ratio Lower Upper  
117 100  
119 94.5 75.8 113.6  
121 30.9 26.2 39.4



#34  
Benzene  
Concen: 151.309 ug/l  
RT: 8.612 min Scan# 1132  
Delta R.T. -0.000 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

Tgt Ion: 78 Resp: 1449530  
Ion Ratio Lower Upper  
78 100  
77 23.6 19.5 29.3  
51 16.1 14.8 22.2



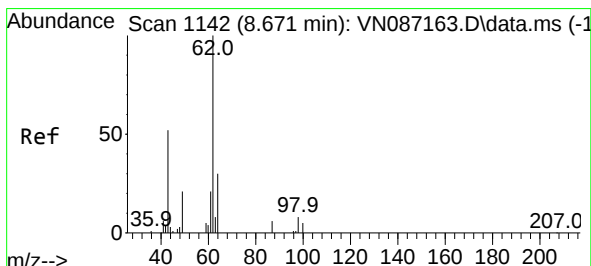
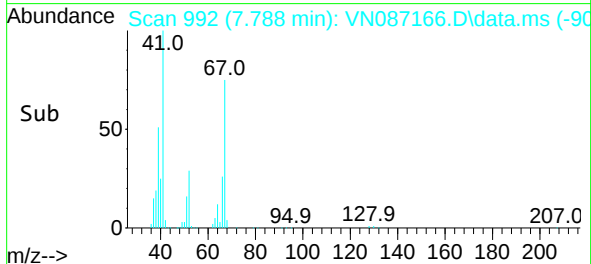
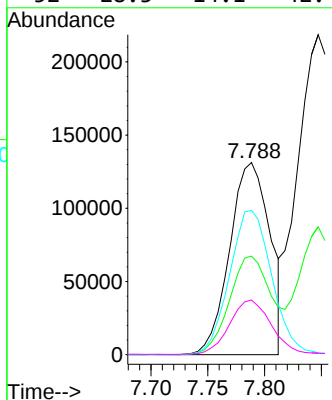
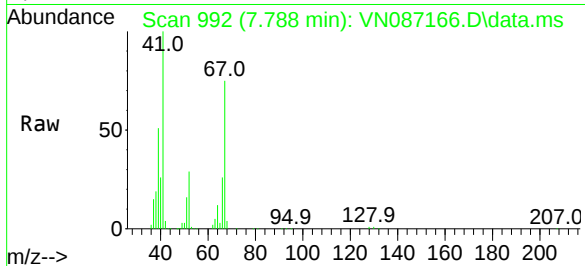


#35  
Methacrylonitrile  
Concen: 157.915 ug/l  
RT: 7.788 min Scan# 992  
Delta R.T. -0.000 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

Tgt Ion: 41 Resp: 324629

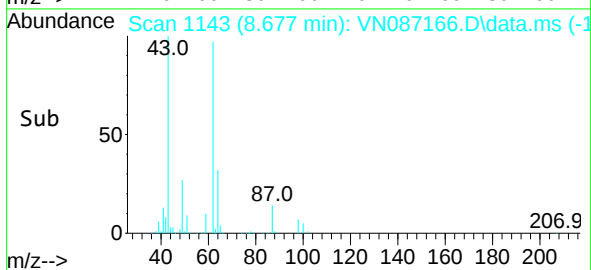
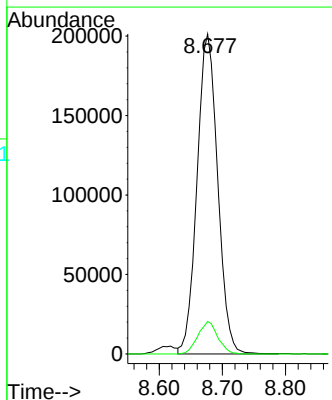
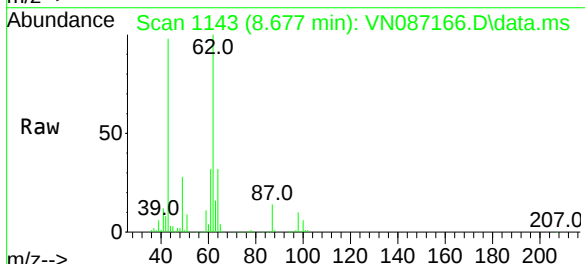
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 51.3  | 24.4  | 73.2  |
| 67  | 75.2  | 33.3  | 99.8  |
| 52  | 28.3  | 14.1  | 42.4  |

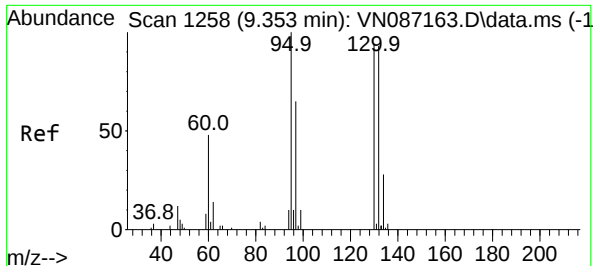


#36  
1,2-Dichloroethane  
Concen: 147.574 ug/l  
RT: 8.677 min Scan# 1143  
Delta R.T. 0.006 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

Tgt Ion: 62 Resp: 456777

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.8   | 7.2   | 10.8  |

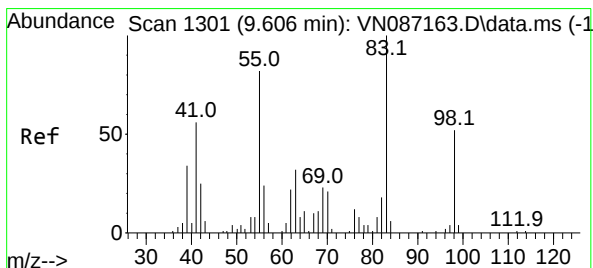
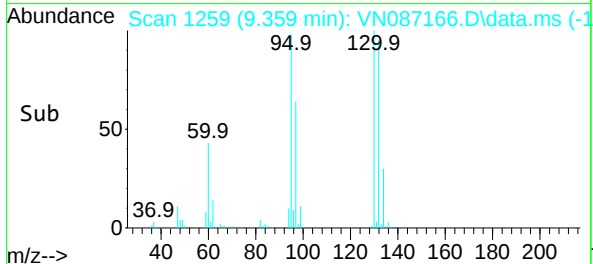
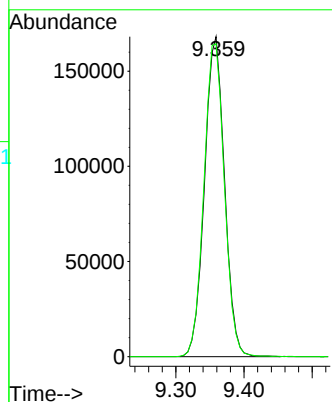
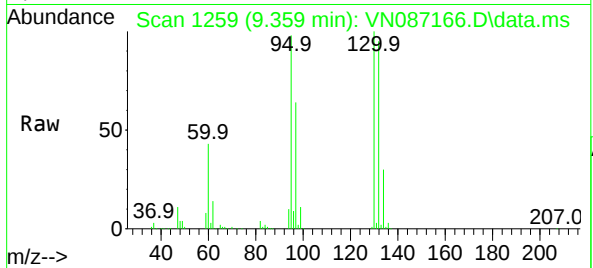




#37  
Trichloroethene  
Concen: 155.753 ug/l  
RT: 9.359 min Scan# 1259  
Delta R.T. 0.006 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

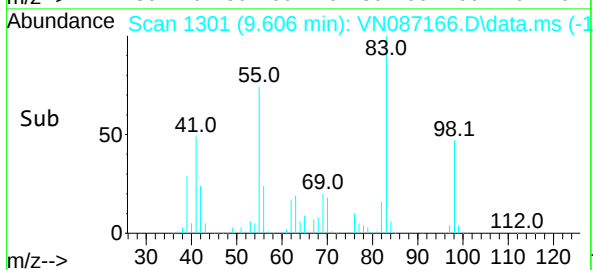
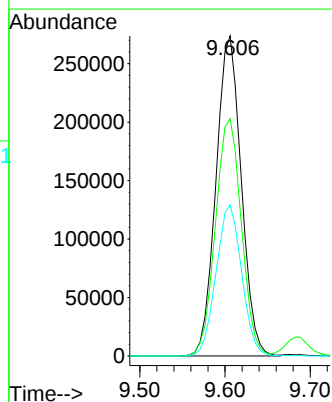
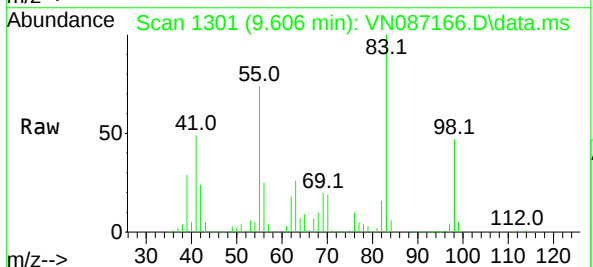
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

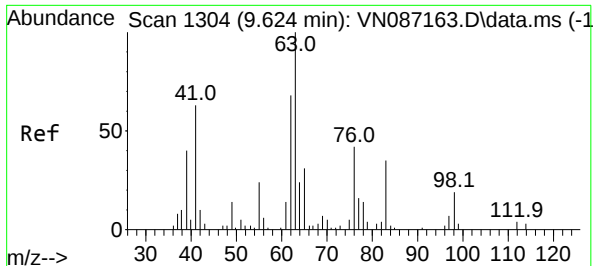
Tgt Ion:130 Resp: 344162  
Ion Ratio Lower Upper  
130 100  
95 97.7 85.3 127.9



#38  
Methylcyclohexane  
Concen: 162.602 ug/l  
RT: 9.606 min Scan# 1301  
Delta R.T. -0.000 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

Tgt Ion: 83 Resp: 564171  
Ion Ratio Lower Upper  
83 100  
55 76.0 40.1 120.2  
98 47.6 24.4 73.2





#39

1,2-Dichloropropane

Concen: 154.127 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN087166.D

Acq: 25 Jun 2025 10:24

Instrument :

MSVOA\_N

ClientSampleId :

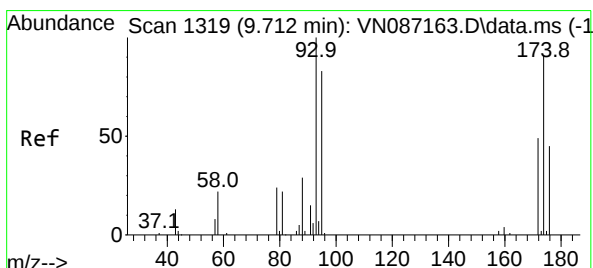
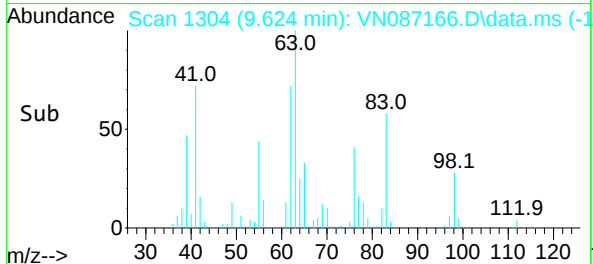
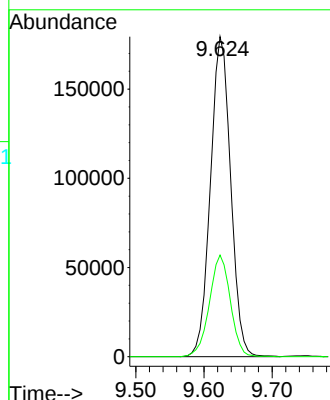
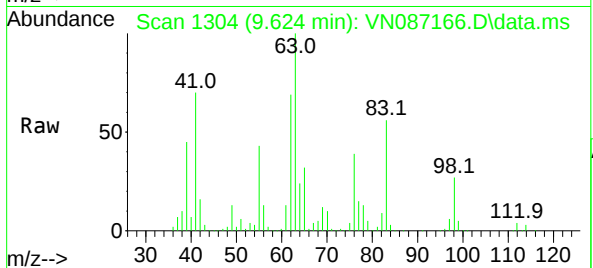
VSTDIC150

Tgt Ion: 63 Resp: 370597

Ion Ratio Lower Upper

63 100

65 31.8 24.6 36.8



#40

Dibromomethane

Concen: 152.193 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN087166.D

Acq: 25 Jun 2025 10:24

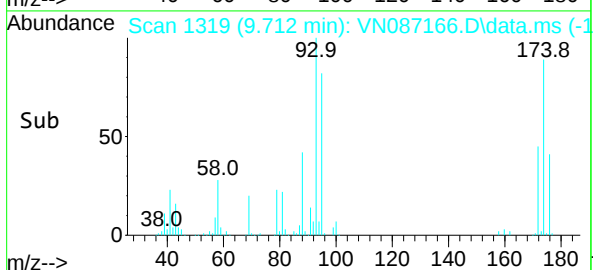
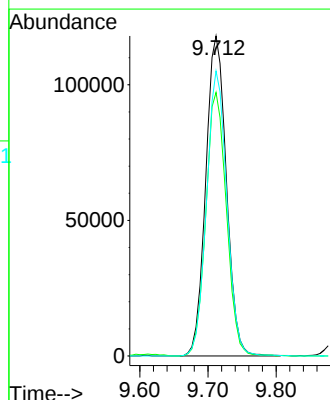
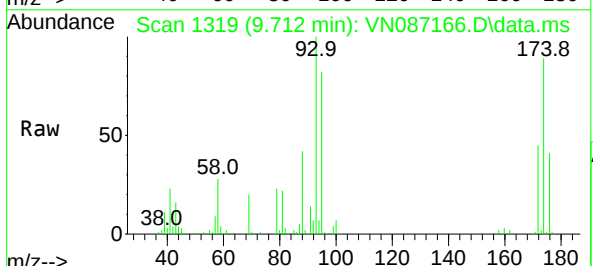
Tgt Ion: 93 Resp: 248835

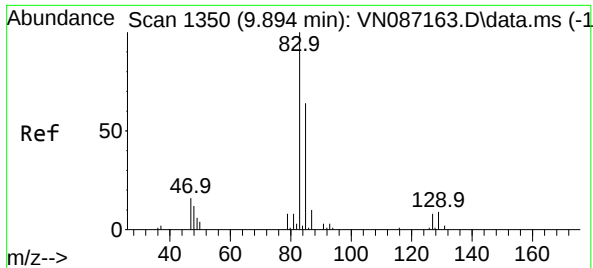
Ion Ratio Lower Upper

93 100

95 81.9 0.0 170.8

174 87.8 0.0 176.6

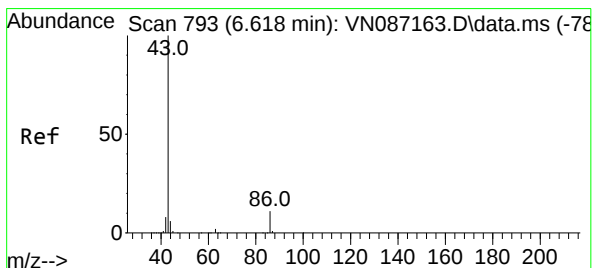
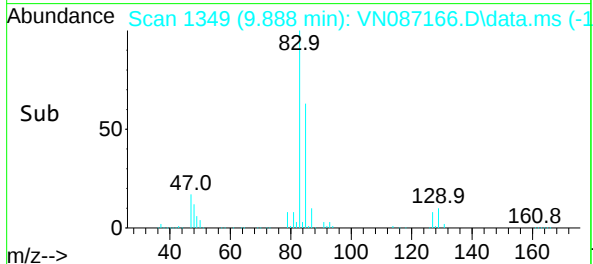
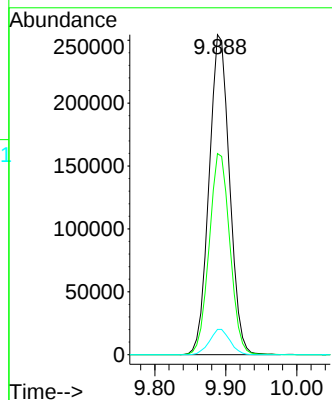
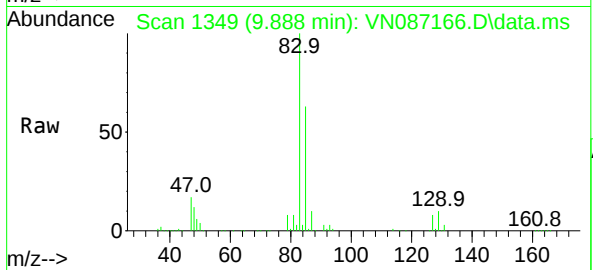




#41  
Bromodichloromethane  
Concen: 154.377 ug/l  
RT: 9.888 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

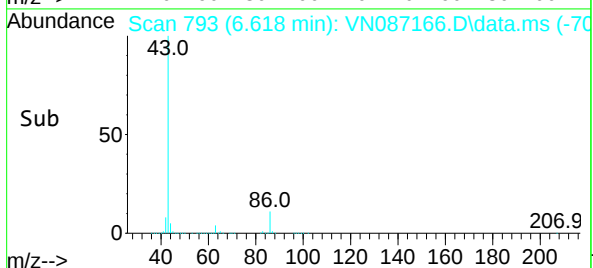
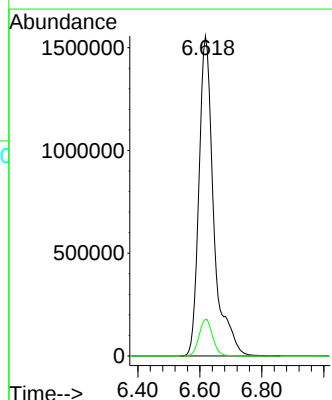
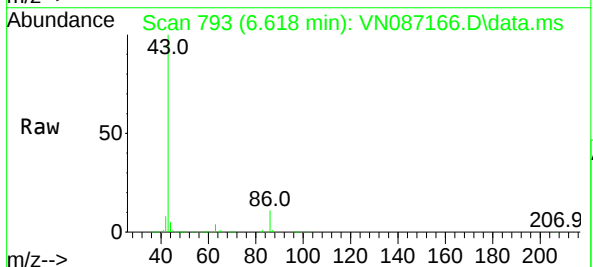
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

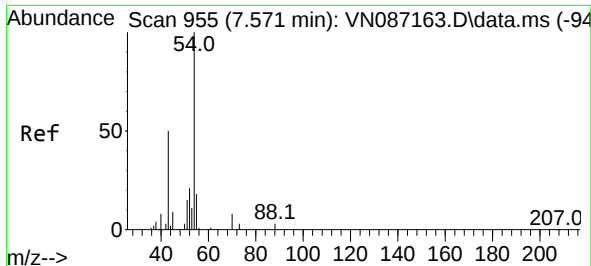
Tgt Ion: 83 Resp: 509473  
Ion Ratio Lower Upper  
83 100  
85 62.8 51.4 77.2  
127 7.9 6.1 9.1



#42  
Vinyl Acetate  
Concen: 776.574 ug/l  
RT: 6.618 min Scan# 793  
Delta R.T. -0.000 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

Tgt Ion: 43 Resp: 5152202  
Ion Ratio Lower Upper  
43 100  
86 10.5 7.7 11.5

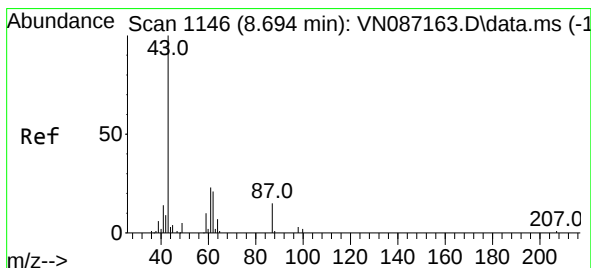
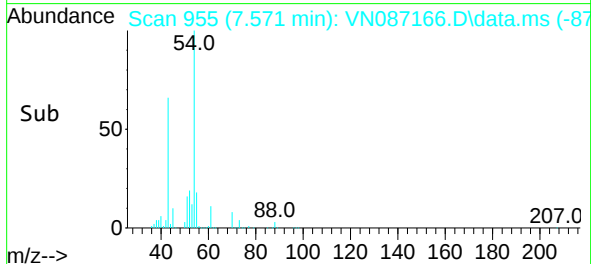
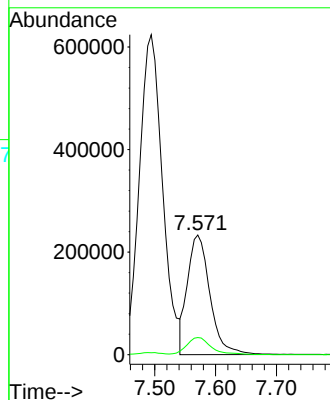
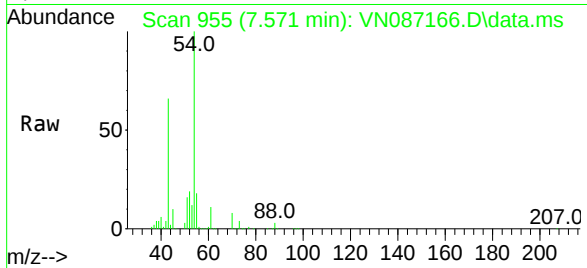




#43  
Ethyl Acetate  
Concen: 162.074 ug/l  
RT: 7.571 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

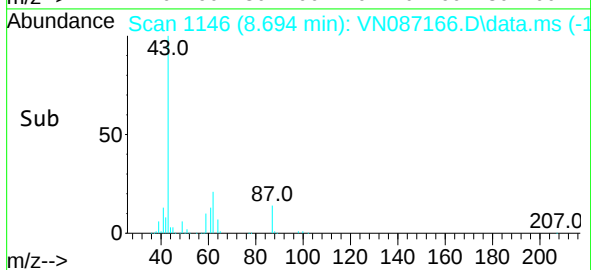
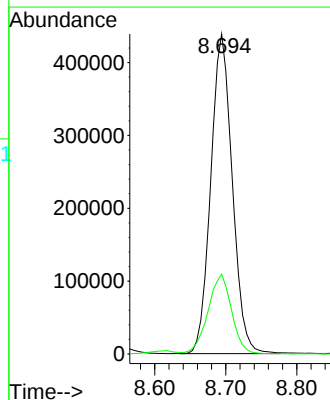
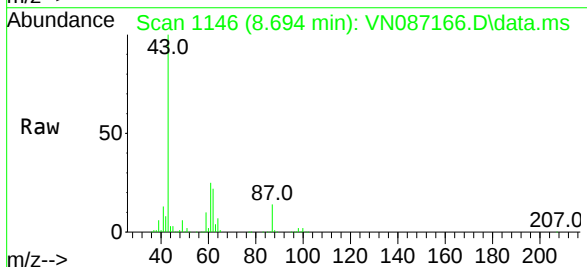
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

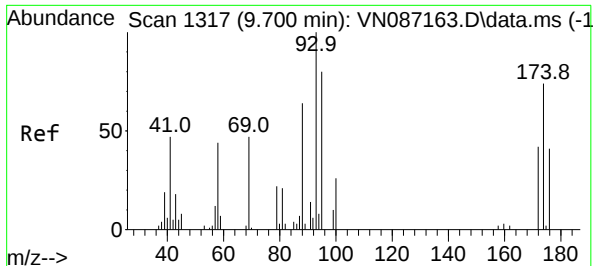
Tgt Ion: 43 Resp: 596805  
Ion Ratio Lower Upper  
43 100  
45 15.7 11.5 17.3



#44  
Isopropyl Acetate  
Concen: 153.841 ug/l  
RT: 8.694 min Scan# 1146  
Delta R.T. -0.000 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

Tgt Ion: 43 Resp: 922972  
Ion Ratio Lower Upper  
43 100  
61 27.5 20.5 30.7





#45

1,4-Dioxane

Concen: 3355.337 ug/l

RT: 9.706 min Scan# 1317

Delta R.T. 0.006 min

Lab File: VN087166.D

Acq: 25 Jun 2025 10:24

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC150

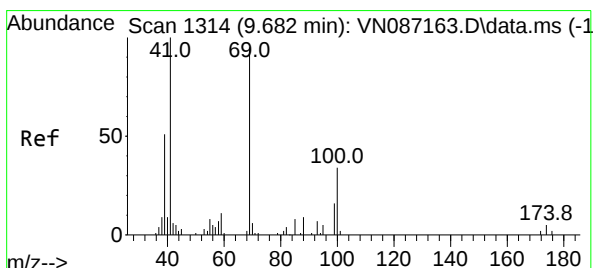
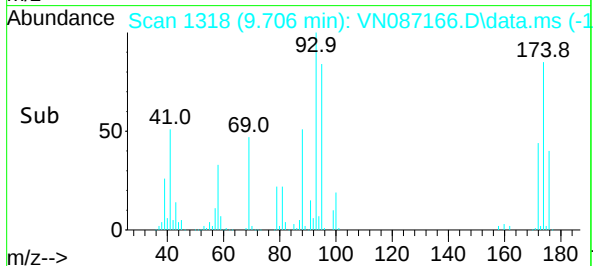
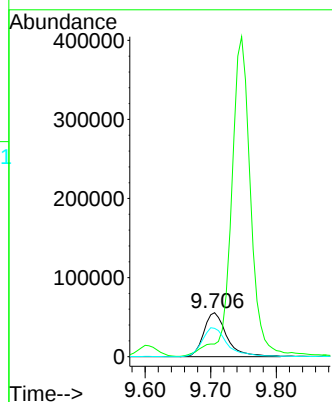
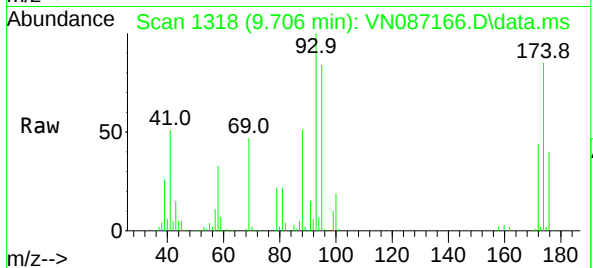
Tgt Ion: 88 Resp: 136174

Ion Ratio Lower Upper

88 100

43 20.7 21.3 31.9#

58 72.1 61.7 92.5



#46

Methyl methacrylate

Concen: 160.629 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VN087166.D

Acq: 25 Jun 2025 10:24

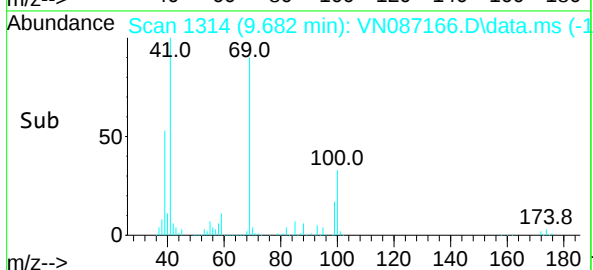
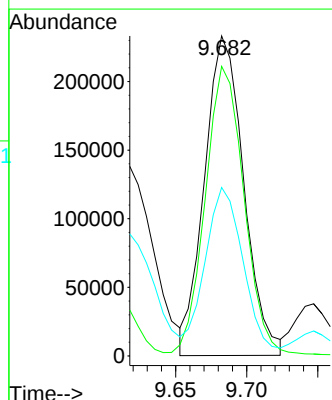
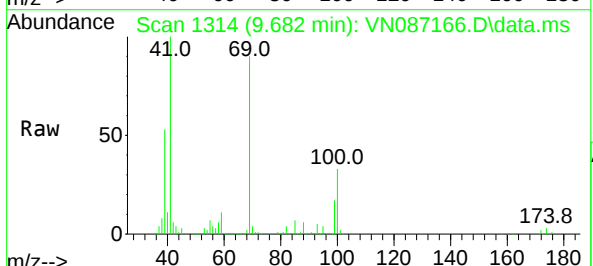
Tgt Ion: 41 Resp: 448002

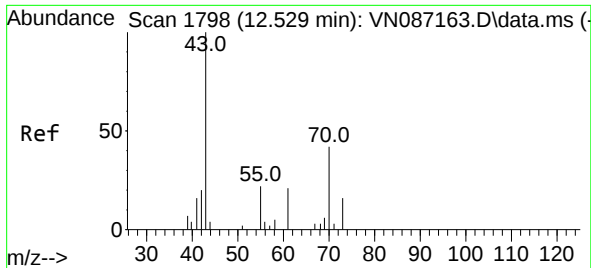
Ion Ratio Lower Upper

41 100

69 93.3 45.6 136.9

39 52.9 26.2 78.5

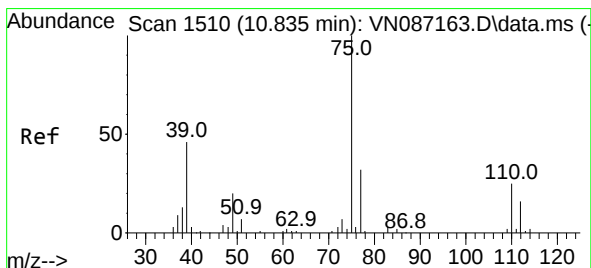
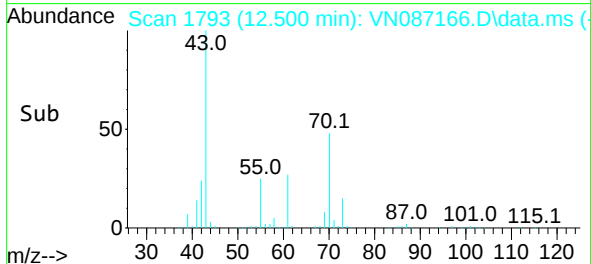
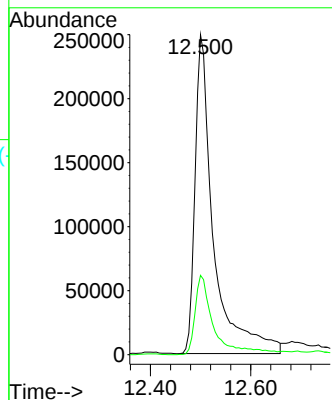
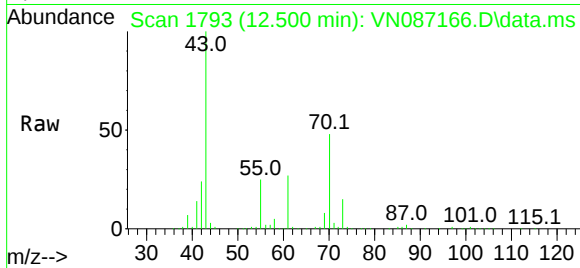




#47  
n-amy1 Acetate  
Concen: 173.169 ug/l  
RT: 12.500 min Scan# 1793  
Delta R.T. -0.029 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

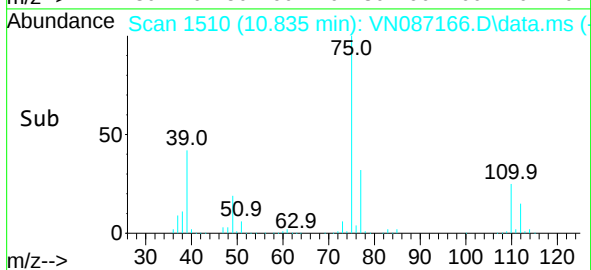
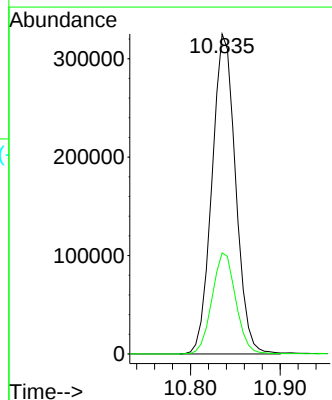
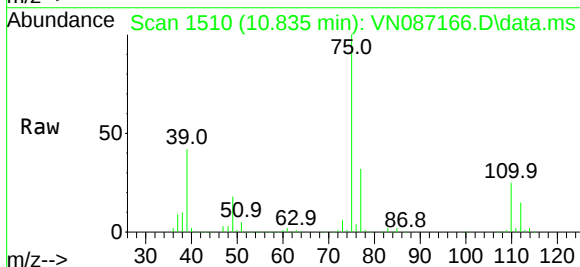
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

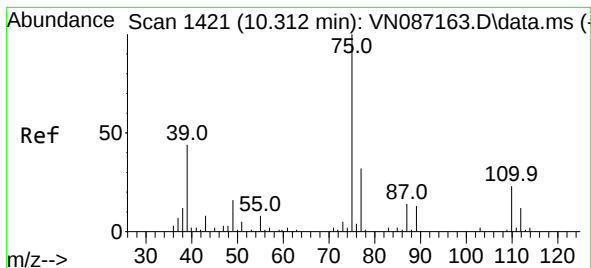
Tgt Ion: 43 Resp: 635191  
Ion Ratio Lower Upper  
43 100  
55 22.9 0.0 0.0#



#48  
t-1,3-Dichloropropene  
Concen: 161.262 ug/l  
RT: 10.835 min Scan# 1510  
Delta R.T. -0.000 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

Tgt Ion: 75 Resp: 593288  
Ion Ratio Lower Upper  
75 100  
77 31.6 25.4 38.0

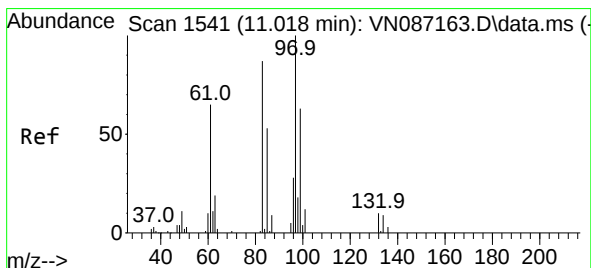
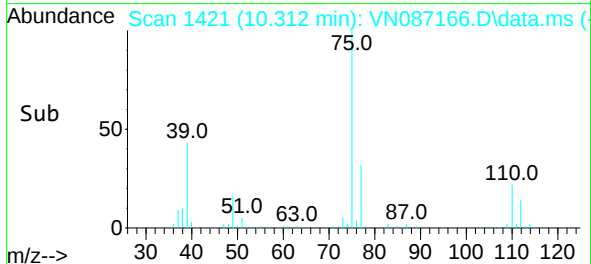
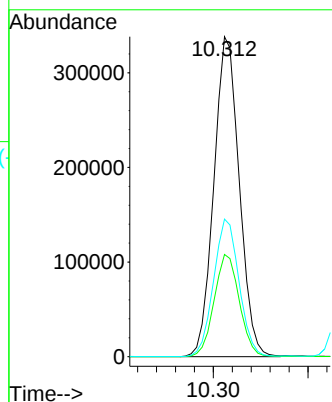
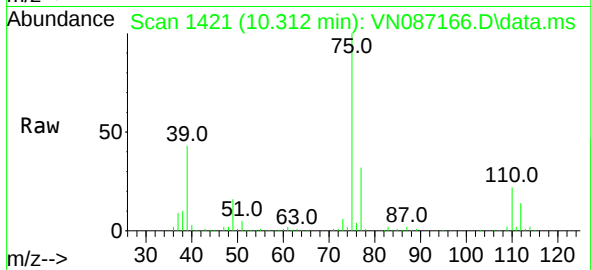




#49  
 cis-1,3-Dichloropropene  
 Concen: 161.034 ug/l  
 RT: 10.312 min Scan# 1421  
 Delta R.T. -0.000 min  
 Lab File: VN087166.D  
 Acq: 25 Jun 2025 10:24

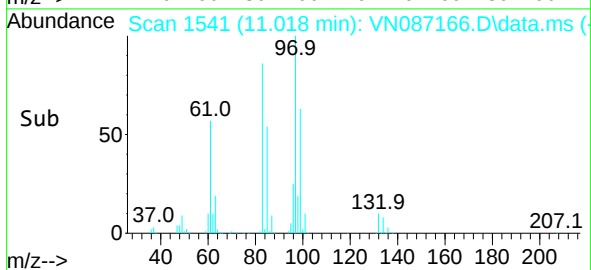
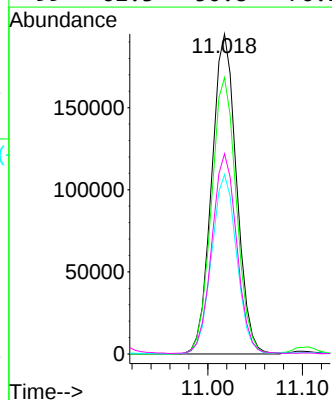
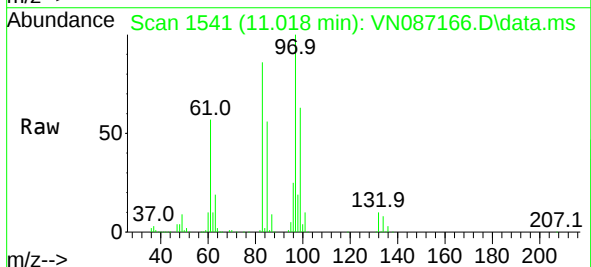
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC150

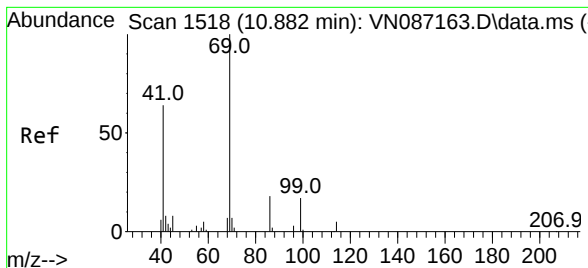
Tgt Ion: 75 Resp: 629822  
 Ion Ratio Lower Upper  
 75 100  
 77 31.9 25.4 38.2  
 39 42.9 35.3 52.9



#50  
 1,1,2-Trichloroethane  
 Concen: 152.906 ug/l  
 RT: 11.018 min Scan# 1541  
 Delta R.T. -0.000 min  
 Lab File: VN087166.D  
 Acq: 25 Jun 2025 10:24

Tgt Ion: 97 Resp: 355131  
 Ion Ratio Lower Upper  
 97 100  
 83 86.2 69.6 104.4  
 85 55.9 42.0 63.0  
 99 62.3 50.8 76.2

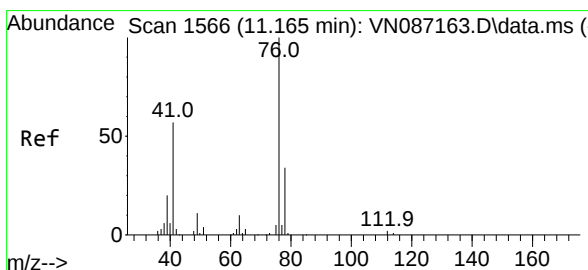
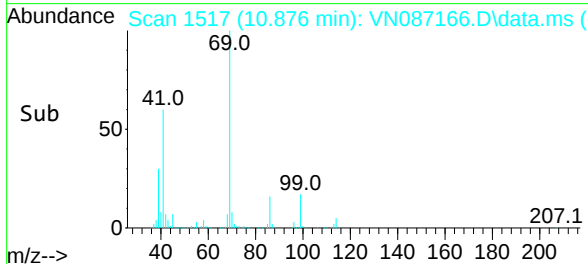
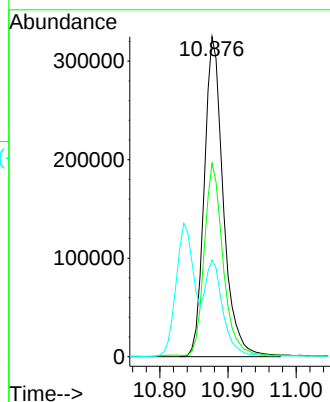
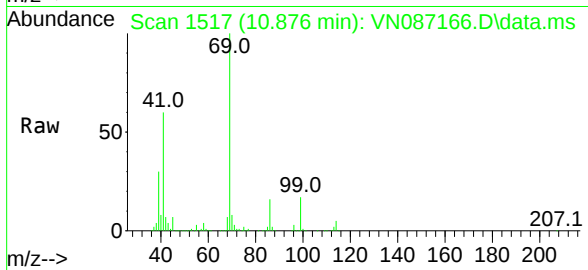




#51  
Ethyl methacrylate  
Concen: 178.522 ug/l  
RT: 10.876 min Scan# 1517  
Delta R.T. -0.006 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

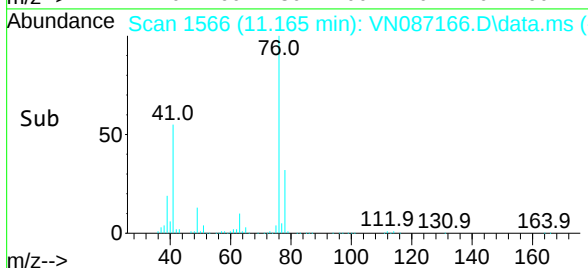
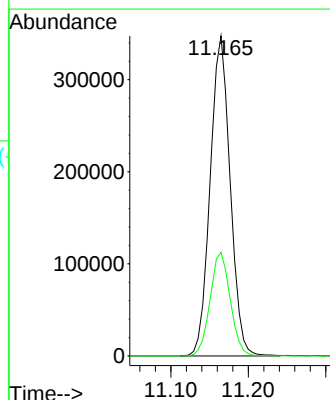
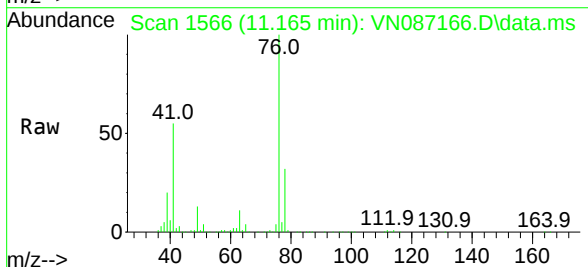
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

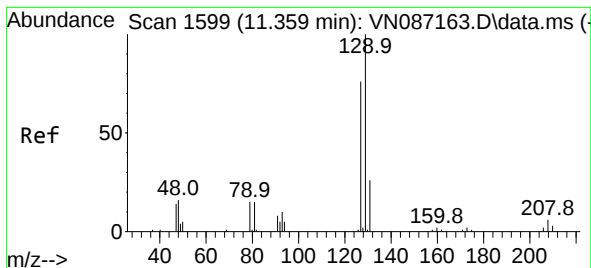
Tgt Ion: 69 Resp: 631073  
Ion Ratio Lower Upper  
69 100  
41 60.0 31.8 95.3  
39 29.9 15.3 45.8



#52  
1,3-Dichloropropane  
Concen: 156.179 ug/l  
RT: 11.165 min Scan# 1566  
Delta R.T. -0.000 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

Tgt Ion: 76 Resp: 622735  
Ion Ratio Lower Upper  
76 100  
78 32.7 0.0 63.0





#53

Dibromochloromethane

Concen: 161.228 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. -0.000 min

Lab File: VN087166.D

Acq: 25 Jun 2025 10:24

Instrument :

MSVOA\_N

ClientSampleId :

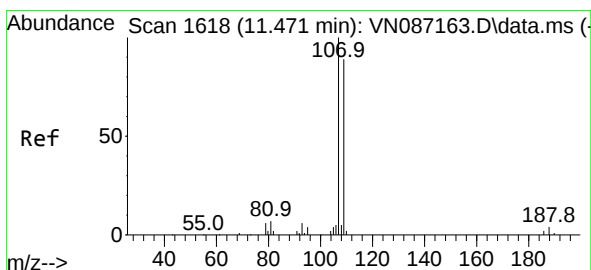
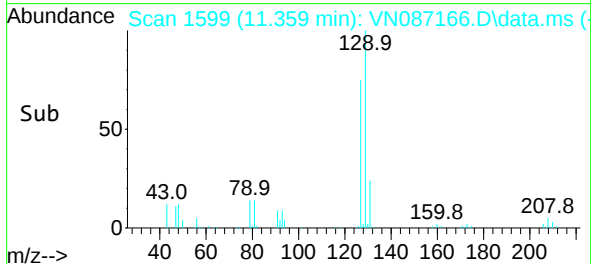
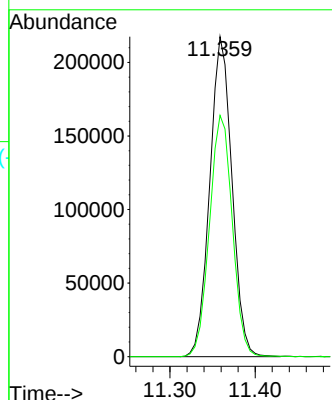
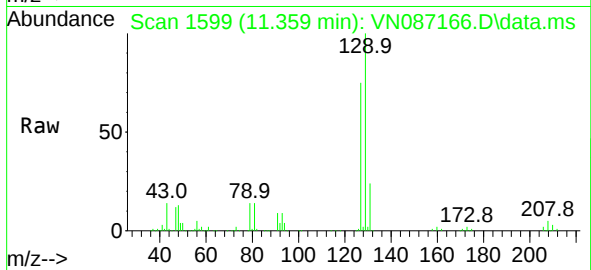
VSTDIC150

Tgt Ion:129 Resp: 393072

Ion Ratio Lower Upper

129 100

127 77.4 39.6 118.8



#54

1,2-Dibromoethane

Concen: 157.299 ug/l

RT: 11.470 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VN087166.D

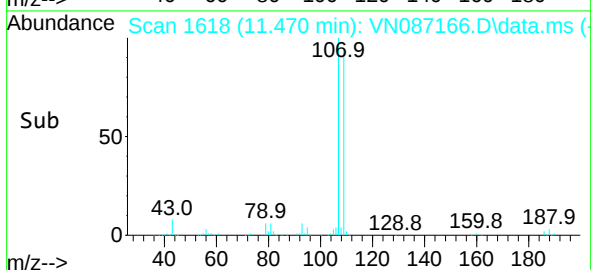
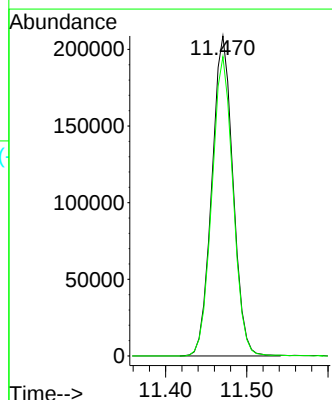
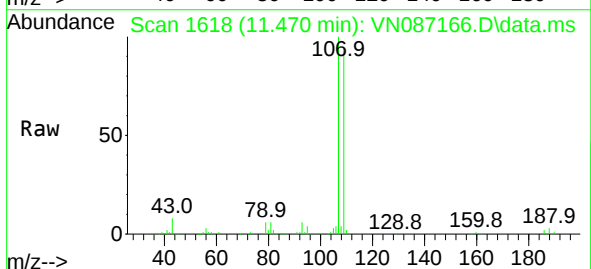
Acq: 25 Jun 2025 10:24

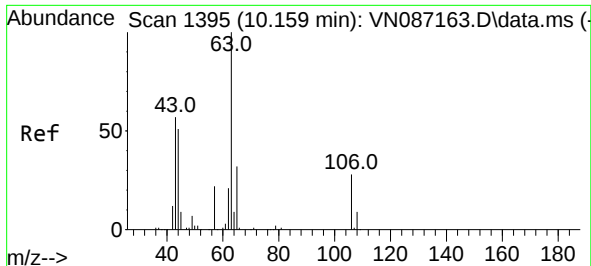
Tgt Ion:107 Resp: 376916

Ion Ratio Lower Upper

107 100

109 93.7 73.5 110.3

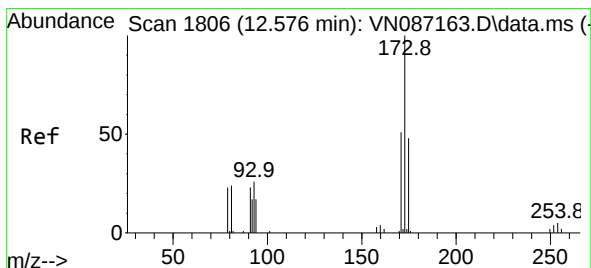
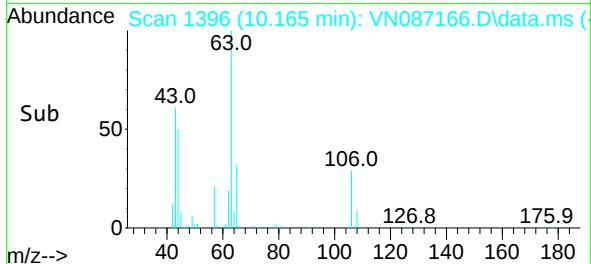
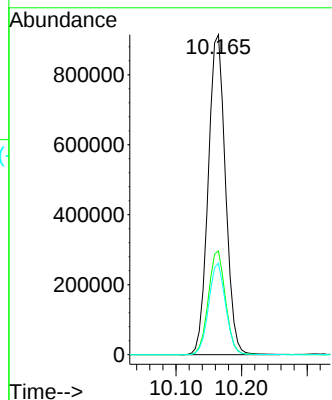
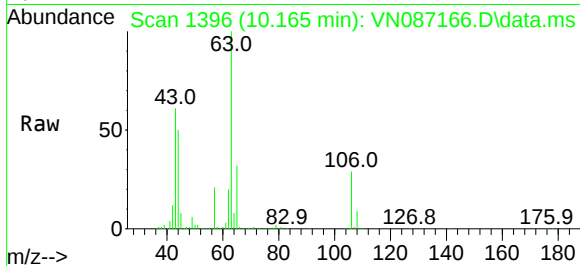




#55  
2-Chloroethyl vinyl ether  
Concen: 826.456 ug/l  
RT: 10.165 min Scan# 1395  
Delta R.T. 0.006 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

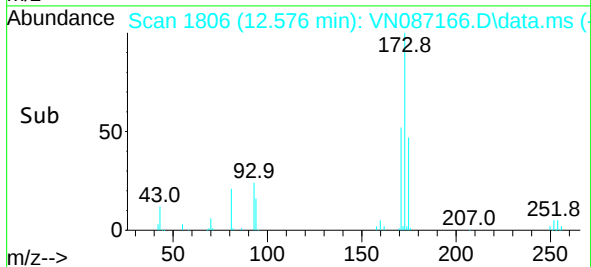
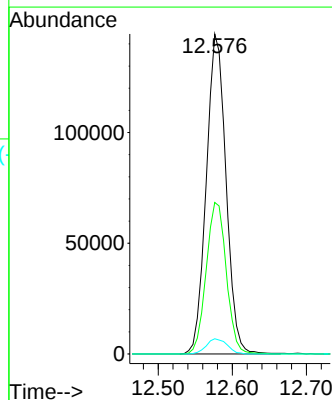
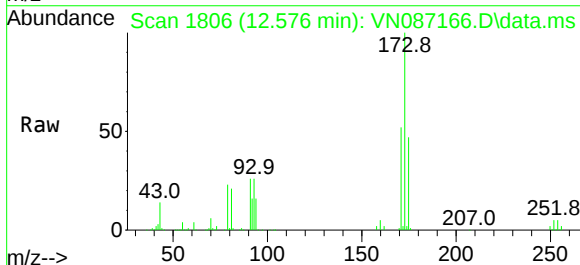
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

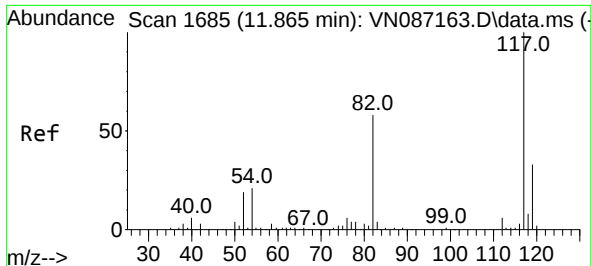
Tgt Ion: 63 Resp: 1674601  
Ion Ratio Lower Upper  
63 100  
65 32.1 25.6 38.4  
106 28.0 21.9 32.9



#56  
Bromoform  
Concen: 159.528 ug/l  
RT: 12.576 min Scan# 1806  
Delta R.T. -0.000 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

Tgt Ion:173 Resp: 267364  
Ion Ratio Lower Upper  
173 100  
175 48.1 38.7 58.1  
254 5.0 4.2 6.4

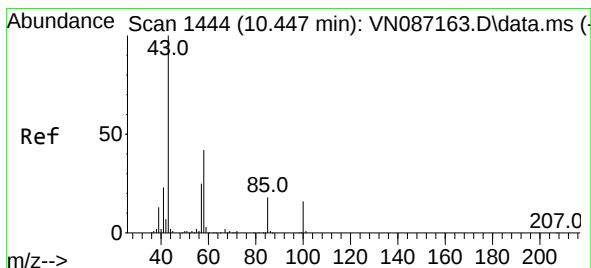
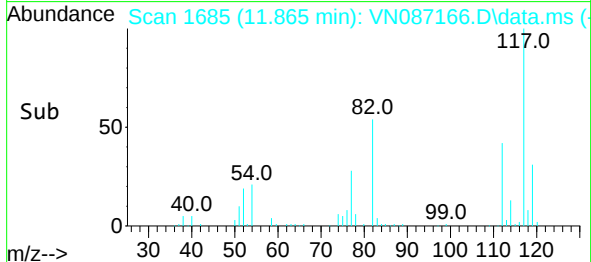
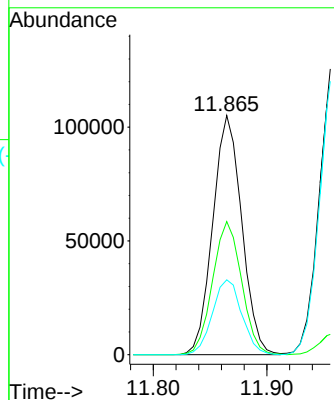
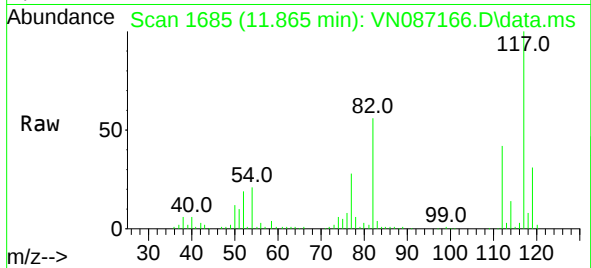




#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

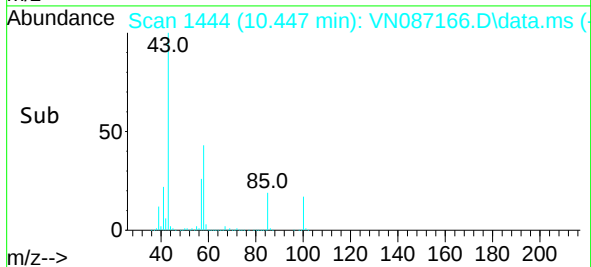
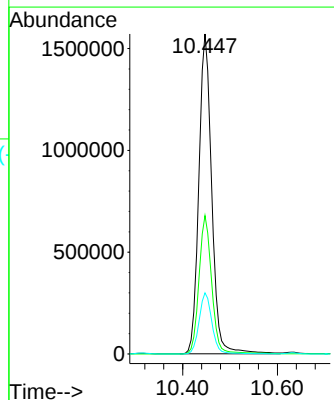
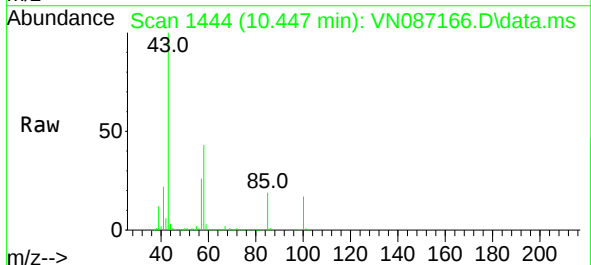
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

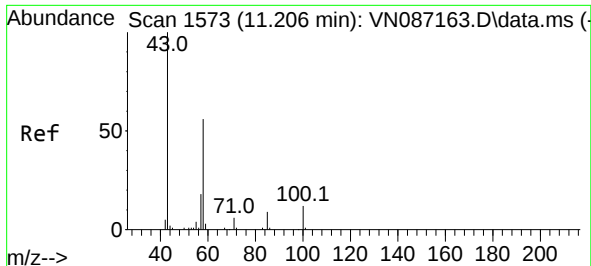
Tgt Ion:117 Resp: 186774  
Ion Ratio Lower Upper  
117 100  
82 55.6 45.4 68.2  
119 31.7 26.2 39.4



#58  
4-Methyl-2-Pentanone  
Concen: 791.652 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. -0.000 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

Tgt Ion: 43 Resp: 2972532  
Ion Ratio Lower Upper  
43 100  
58 42.8 32.6 49.0  
85 19.0 14.6 22.0

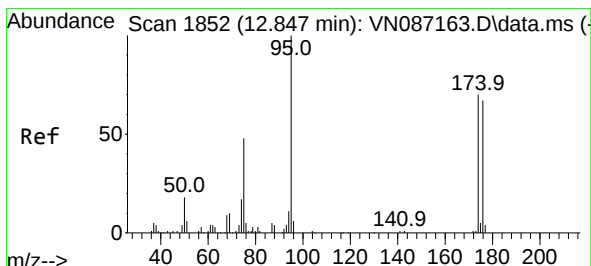
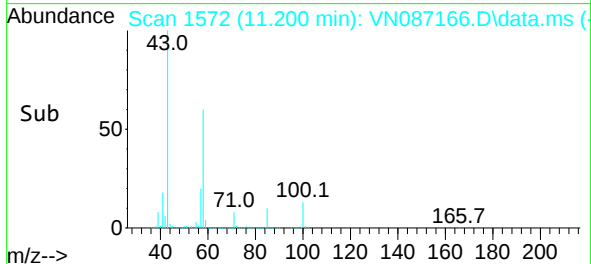
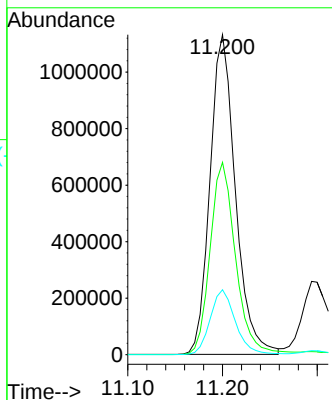
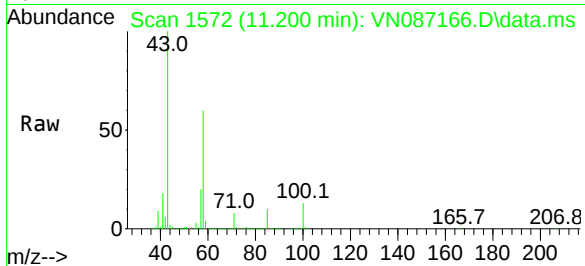




#59  
2-Hexanone  
Concen: 870.824 ug/l  
RT: 11.200 min Scan# 1111404  
Delta R.T. -0.006 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

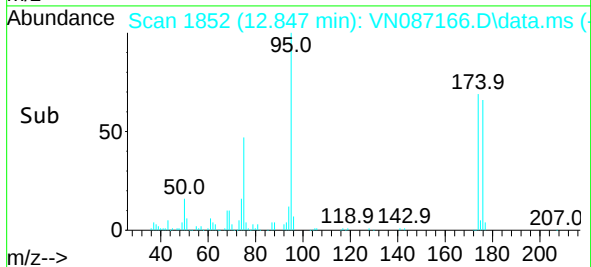
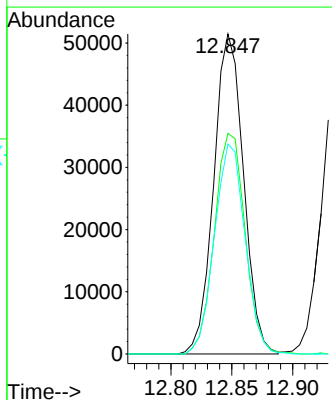
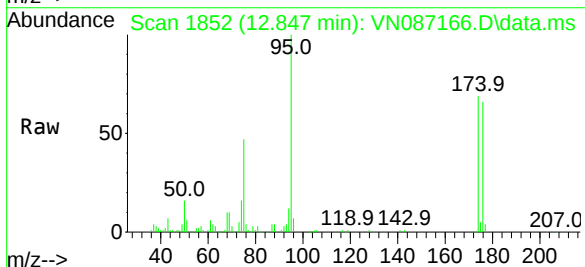
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

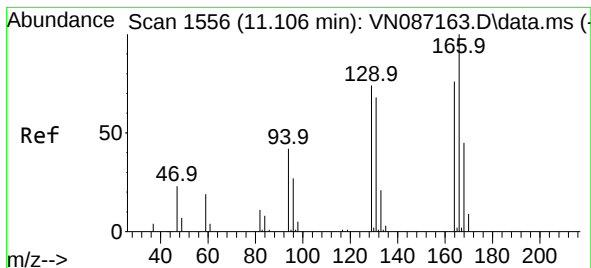
Tgt Ion: 43 Resp: 2111404  
Ion Ratio Lower Upper  
43 100  
58 60.3 49.2 73.8  
57 20.2 15.3 22.9



#60  
4-Bromofluorobenzene  
Concen: 30.336 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

Tgt Ion: 95 Resp: 87432  
Ion Ratio Lower Upper  
95 100  
174 71.2 54.5 81.7  
176 67.7 51.9 77.9





#61

Tetrachloroethene

Concen: 152.149 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN087166.D

Acq: 25 Jun 2025 10:24

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC150

Tgt Ion:164 Resp: 281420

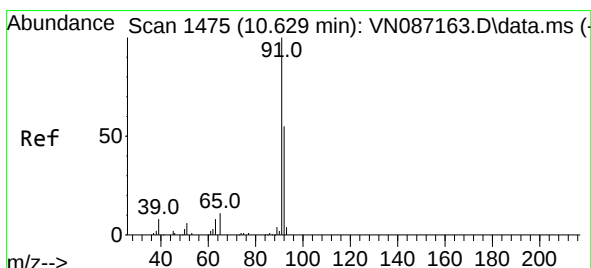
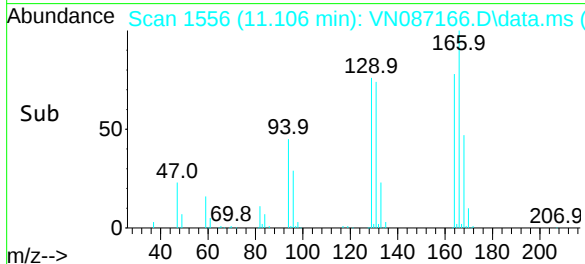
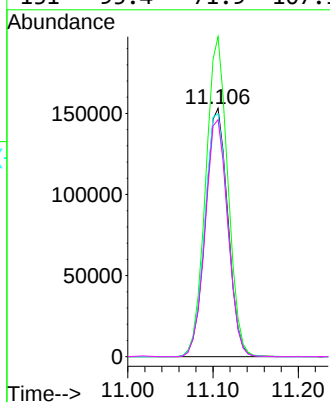
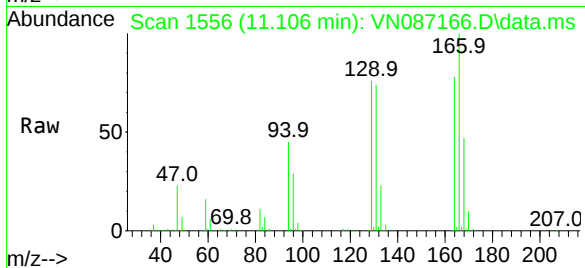
Ion Ratio Lower Upper

164 100

166 128.9 105.4 158.2

129 97.8 77.9 116.9

131 95.4 71.9 107.9



#62

Toluene

Concen: 152.314 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN087166.D

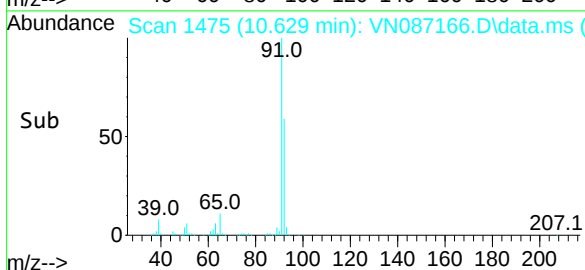
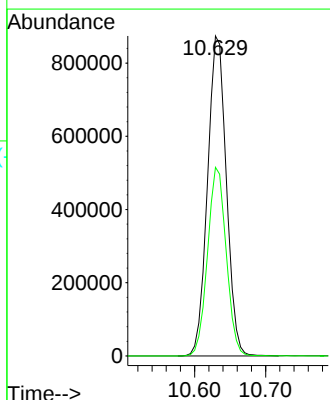
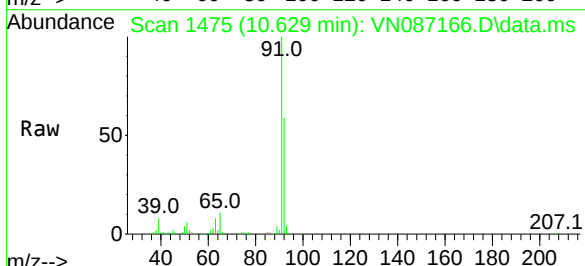
Acq: 25 Jun 2025 10:24

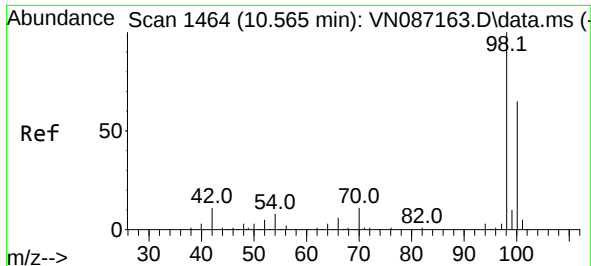
Tgt Ion: 91 Resp: 1606715

Ion Ratio Lower Upper

91 100

92 58.6 45.8 68.8

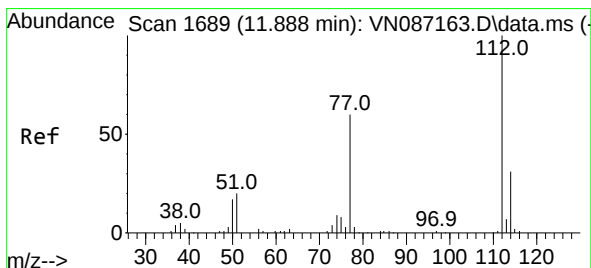
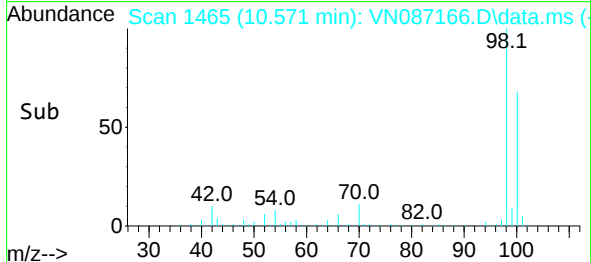
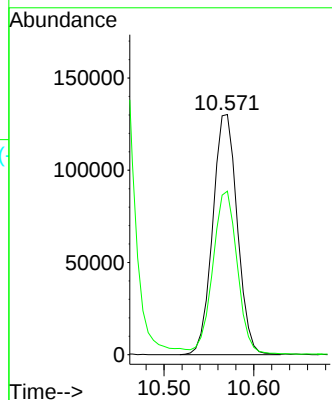
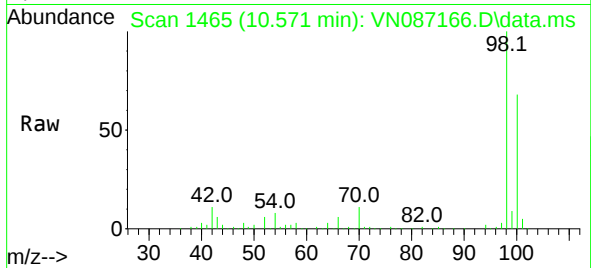




#63  
Toluene-d8  
Concen: 29.501 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. 0.006 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

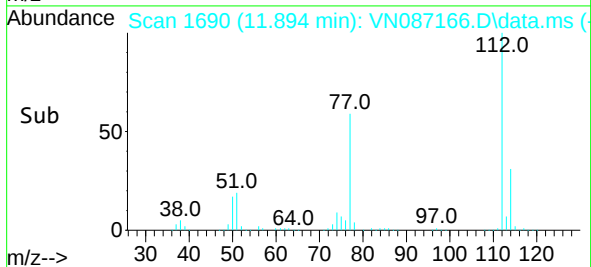
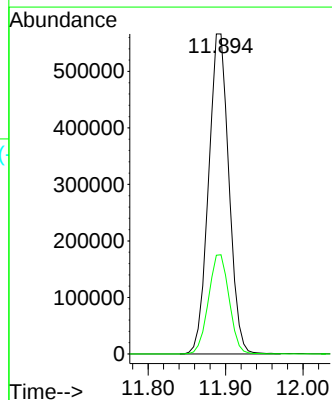
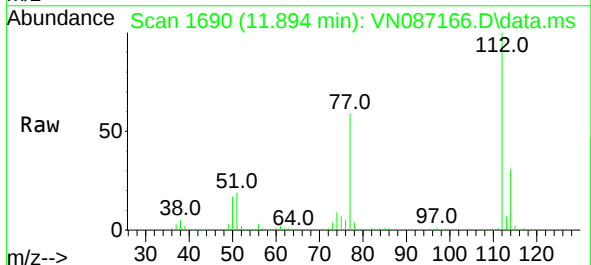
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

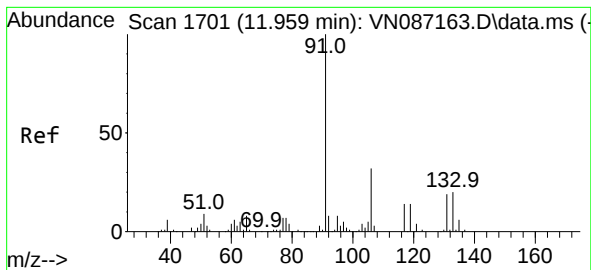
Tgt Ion: 98 Resp: 247397  
Ion Ratio Lower Upper  
98 100  
100 67.5 52.5 78.7



#64  
Chlorobenzene  
Concen: 153.471 ug/l  
RT: 11.894 min Scan# 1690  
Delta R.T. 0.006 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

Tgt Ion: 112 Resp: 1032685  
Ion Ratio Lower Upper  
112 100  
114 31.0 25.0 37.4

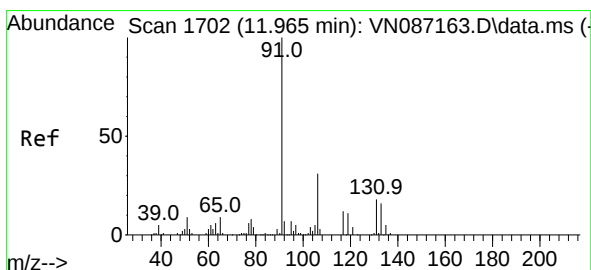
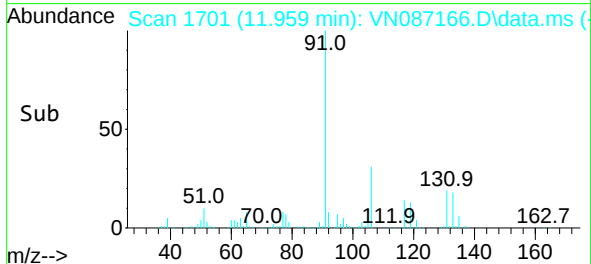
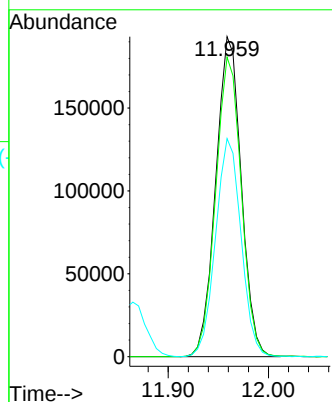
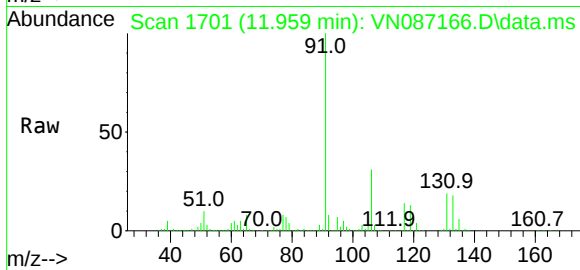




#65  
1,1,1,2-Tetrachloroethane  
Concen: 153.308 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

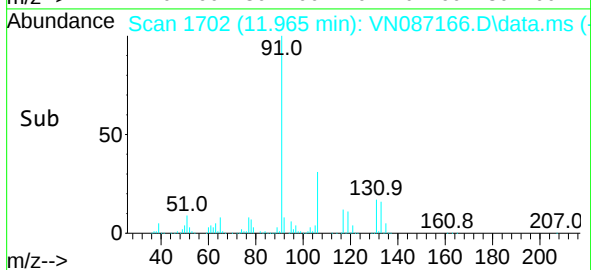
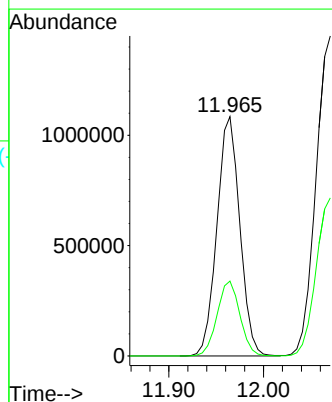
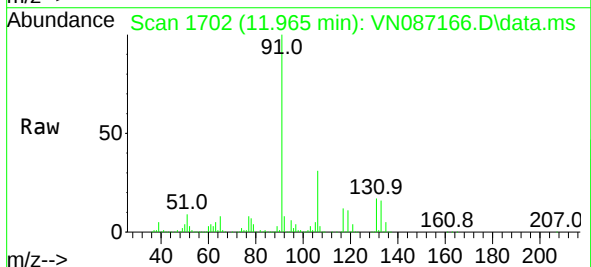
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

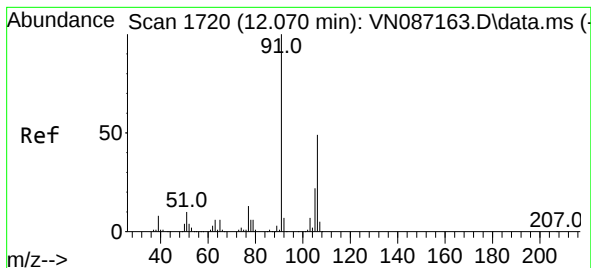
Tgt Ion:131 Resp: 340847  
Ion Ratio Lower Upper  
131 100  
133 94.0 0.0 187.8  
119 68.2 0.0 140.0



#66  
Ethyl Benzene  
Concen: 157.842 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

Tgt Ion: 91 Resp: 1822466  
Ion Ratio Lower Upper  
91 100  
106 31.3 24.8 37.2

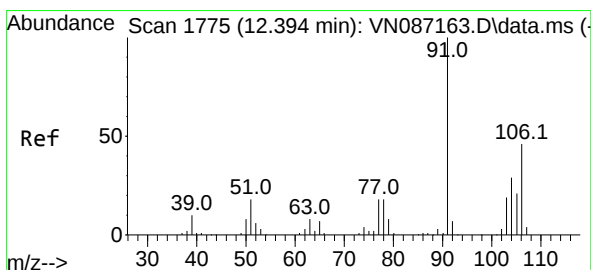
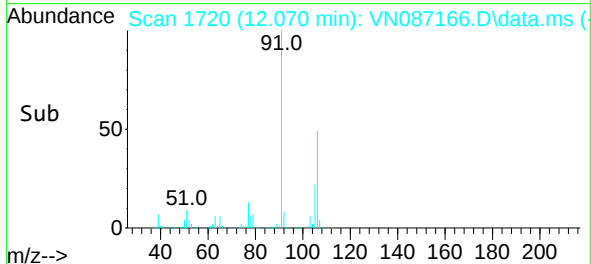
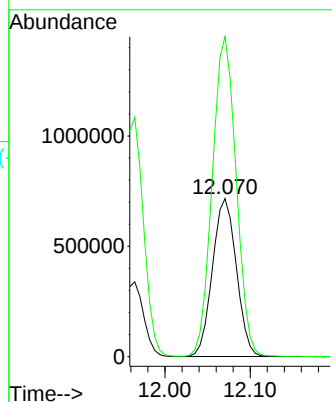
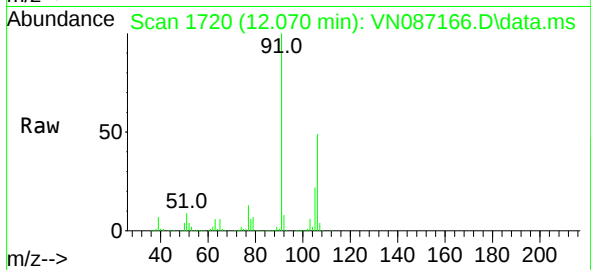




#67  
m/p-Xylenes  
Concen: 315.174 ug/l  
RT: 12.070 min Scan# 1720  
Delta R.T. -0.000 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

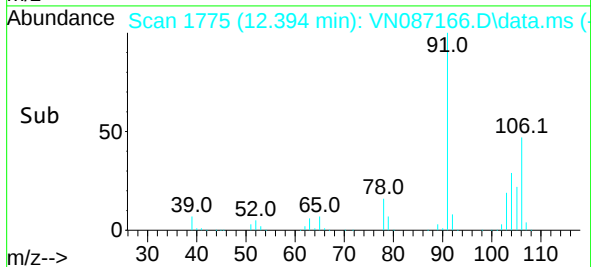
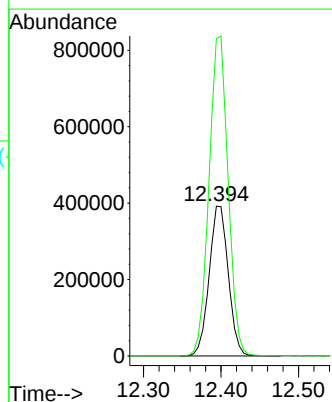
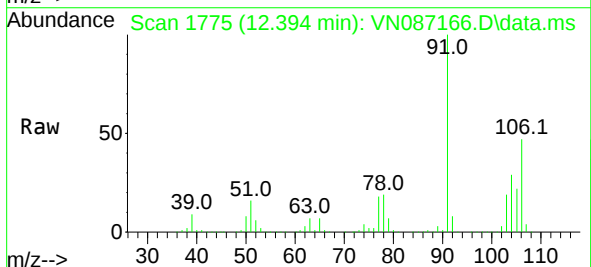
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

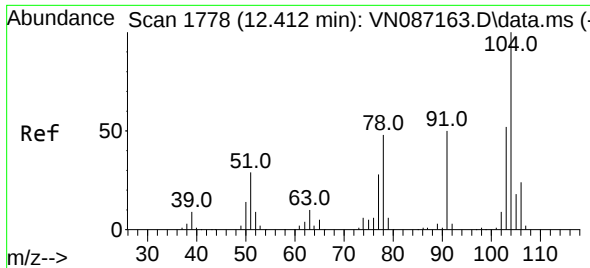
Tgt Ion:106 Resp: 1394481  
Ion Ratio Lower Upper  
106 100  
91 202.6 163.0 244.4



#68  
o-Xylene  
Concen: 159.333 ug/l  
RT: 12.394 min Scan# 1775  
Delta R.T. -0.000 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

Tgt Ion:106 Resp: 672570  
Ion Ratio Lower Upper  
106 100  
91 213.1 107.1 321.1

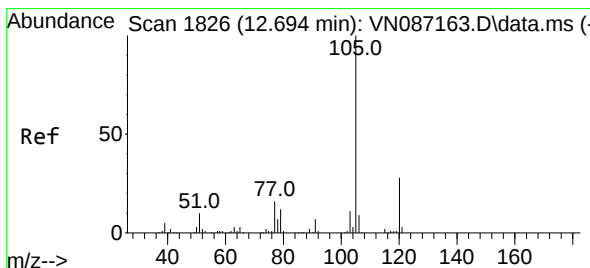
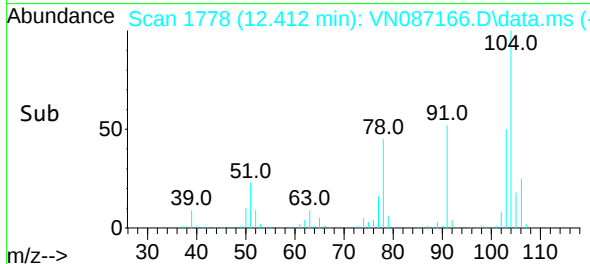
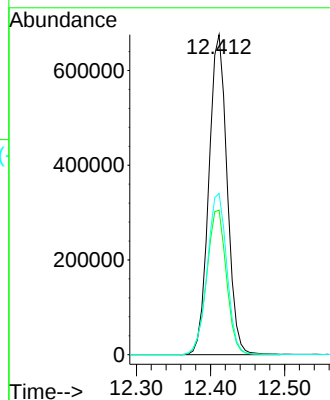
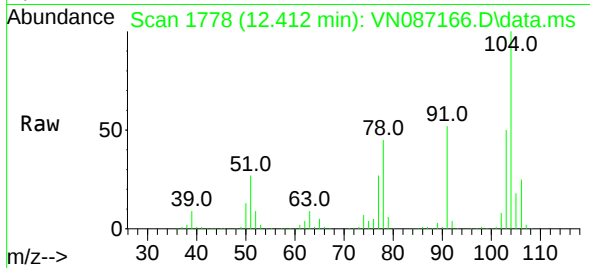




#69  
Styrene  
Concen: 160.007 ug/l  
RT: 12.412 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

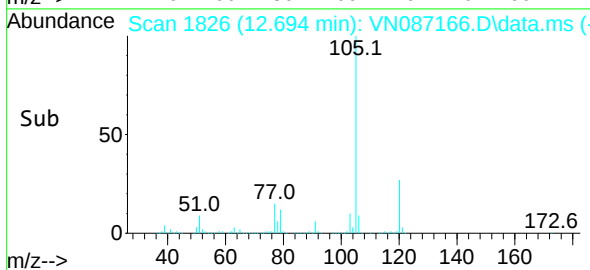
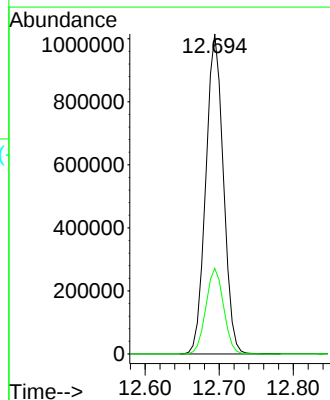
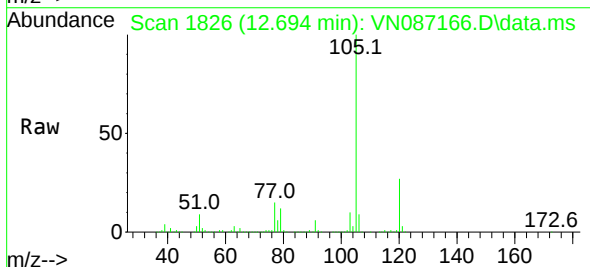
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

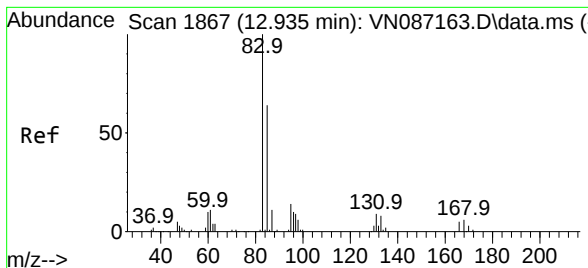
Tgt Ion:104 Resp: 1159533  
Ion Ratio Lower Upper  
104 100  
78 48.9 39.8 59.8  
103 54.0 44.2 66.4



#70  
Isopropylbenzene  
Concen: 158.835 ug/l  
RT: 12.694 min Scan# 1826  
Delta R.T. -0.000 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

Tgt Ion:105 Resp: 1669808  
Ion Ratio Lower Upper  
105 100  
120 26.9 19.0 35.2

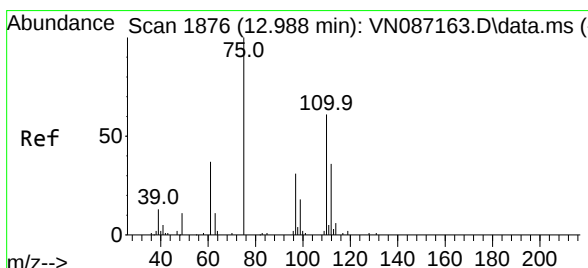
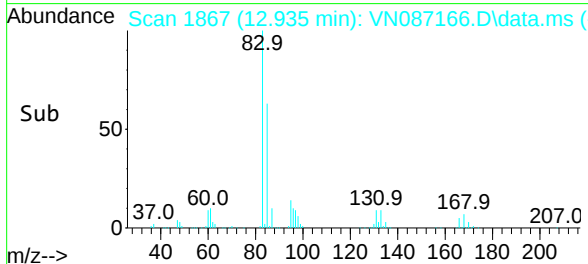
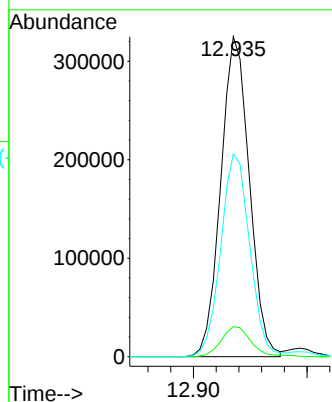
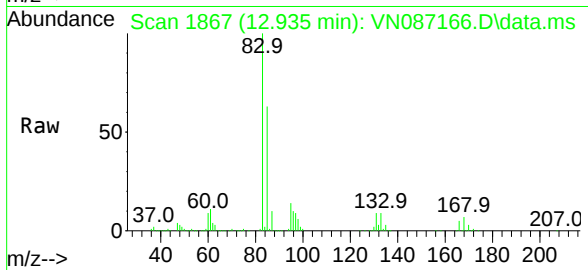




#71  
1,1,2,2-Tetrachloroethane  
Concen: 149.931 ug/l  
RT: 12.935 min Scan# 1867  
Delta R.T. -0.000 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

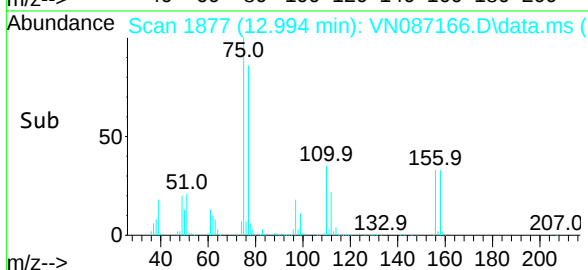
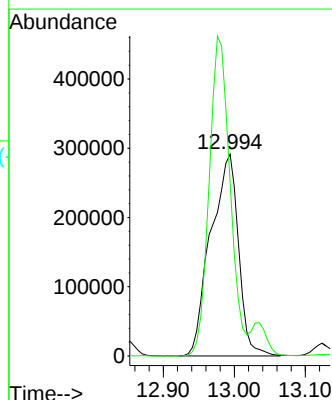
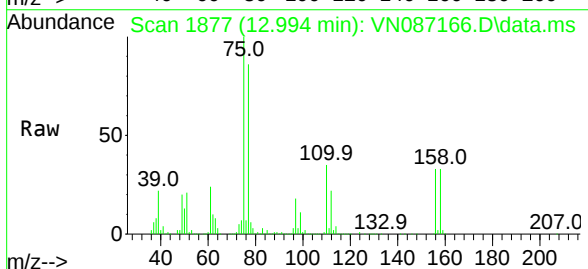
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

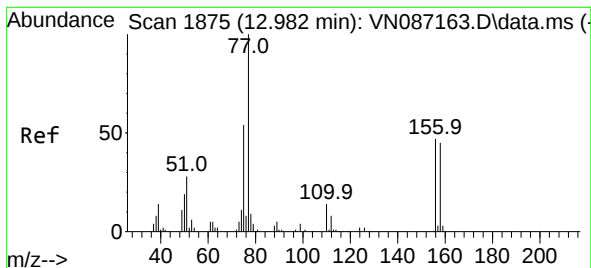
Tgt Ion: 83 Resp: 567347  
Ion Ratio Lower Upper  
83 100  
131 9.8 4.5 13.4  
85 64.4 31.3 93.9



#72  
1,2,3-Trichloropropane  
Concen: 241.640 ug/l  
RT: 12.994 min Scan# 1877  
Delta R.T. 0.006 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

Tgt Ion: 75 Resp: 788508  
Ion Ratio Lower Upper  
75 100  
77 119.5 0.0 379.2





#73

Bromobenzene

Concen: 156.370 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.006 min

Lab File: VN087166.D

Acq: 25 Jun 2025 10:24

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC150

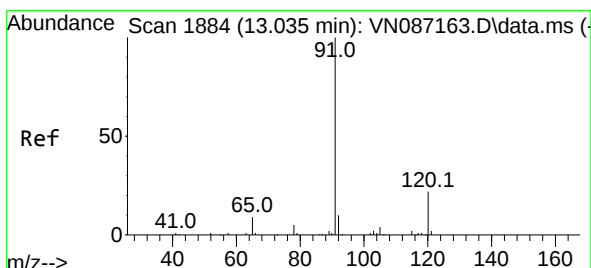
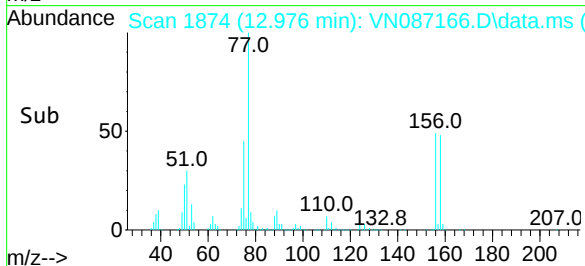
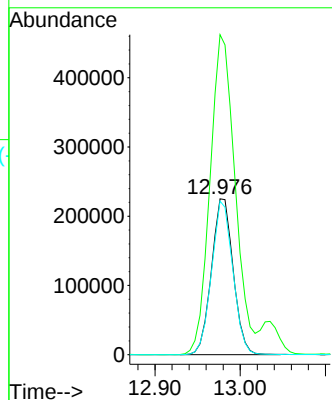
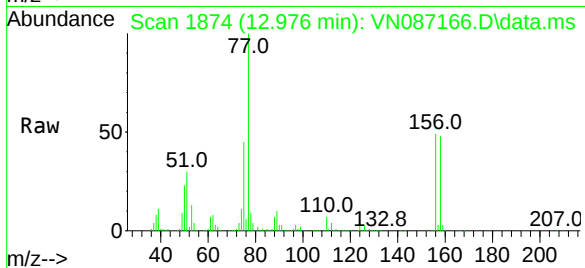
Tgt Ion:156 Resp: 398769

Ion Ratio Lower Upper

156 100

77 236.3 0.0 489.0

158 96.6 0.0 195.2



#74

n-propylbenzene

Concen: 158.598 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN087166.D

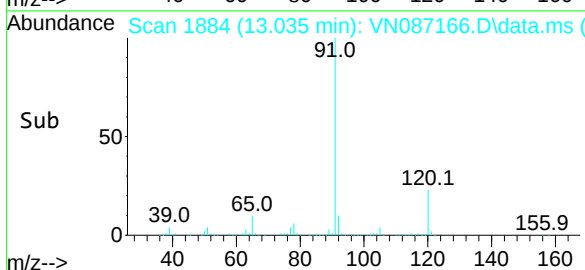
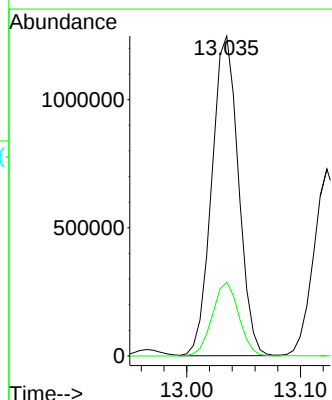
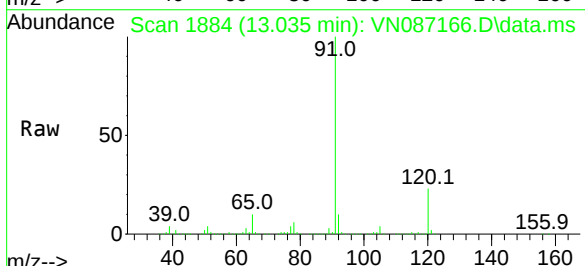
Acq: 25 Jun 2025 10:24

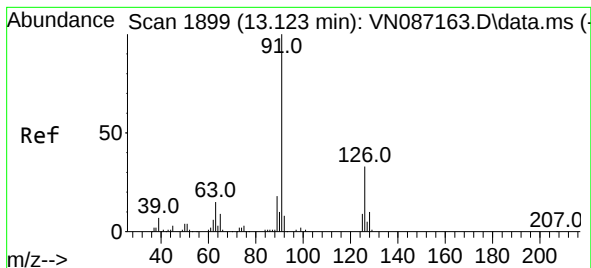
Tgt Ion: 91 Resp: 2036919

Ion Ratio Lower Upper

91 100

120 22.8 0.0 43.6

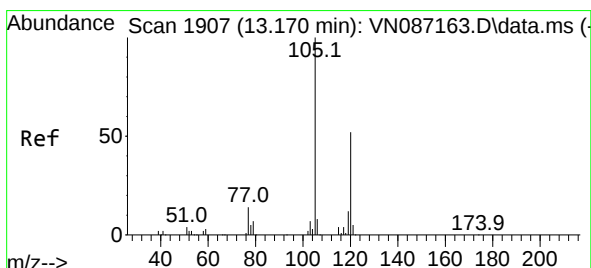
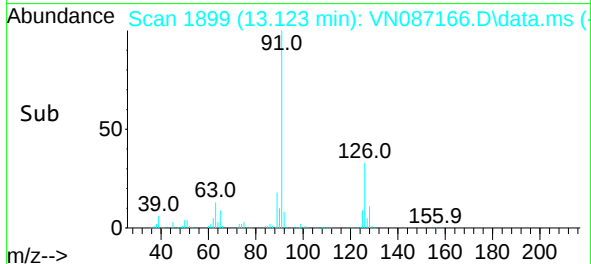
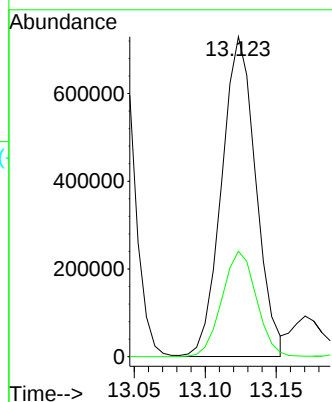
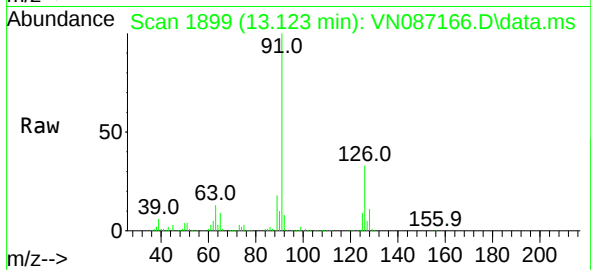




#75  
2-Chlorotoluene  
Concen: 157.581 ug/l  
RT: 13.123 min Scan# 1899  
Delta R.T. -0.000 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

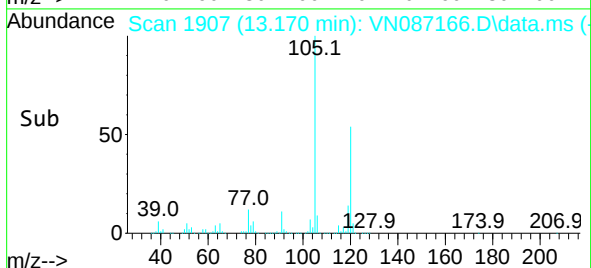
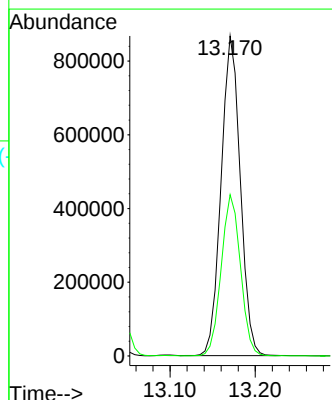
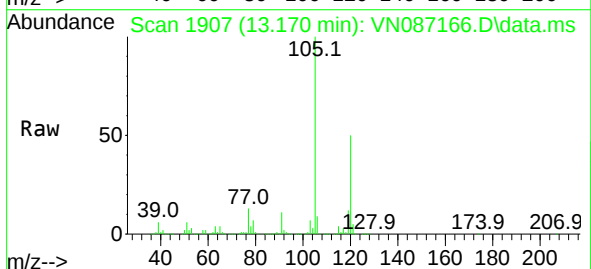
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

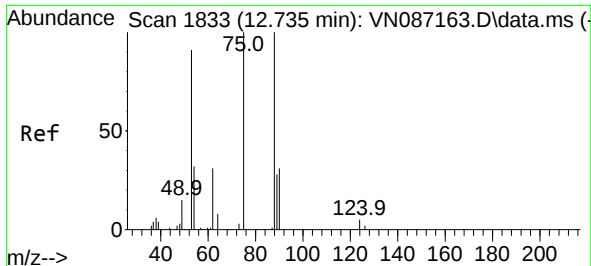
Tgt Ion: 91 Resp: 1222718  
Ion Ratio Lower Upper  
91 100  
126 33.2 0.0 63.8



#76  
1,3,5-Trimethylbenzene  
Concen: 158.518 ug/l  
RT: 13.170 min Scan# 1907  
Delta R.T. -0.000 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

Tgt Ion: 105 Resp: 1356652  
Ion Ratio Lower Upper  
105 100  
120 50.8 0.0 100.8

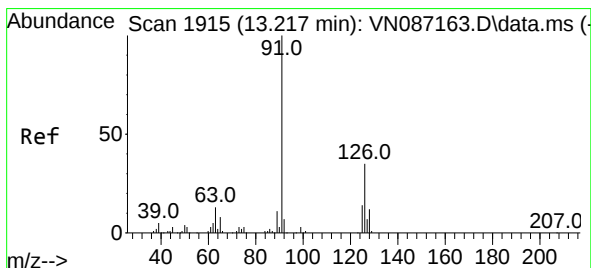
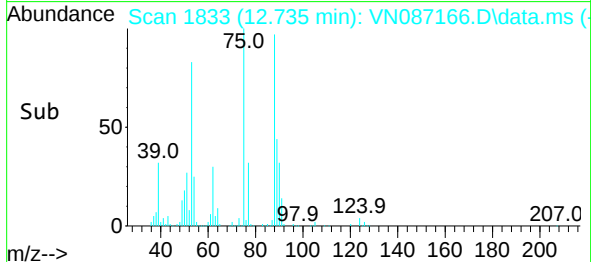
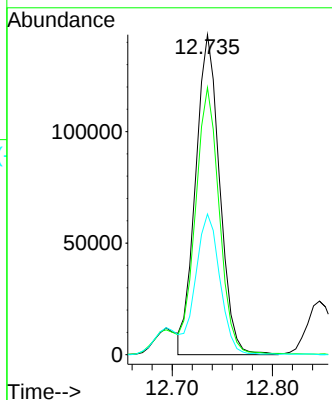
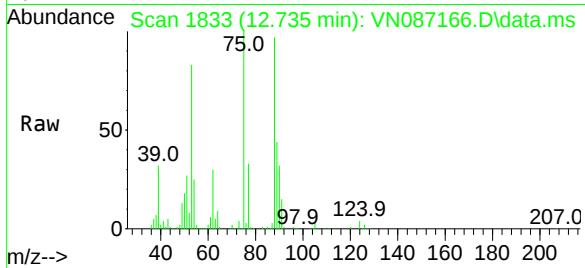




#77  
t-1,4-Dichloro-2-butene  
Concen: 166.195 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. -0.000 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

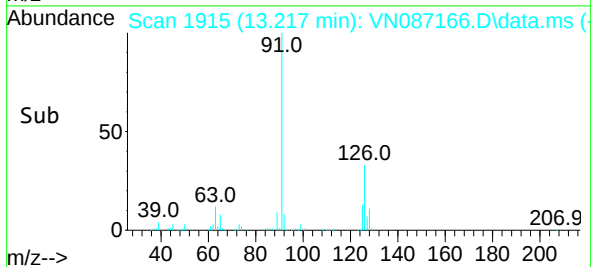
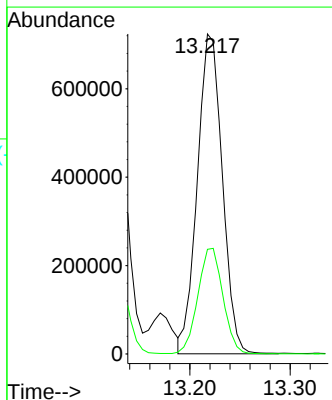
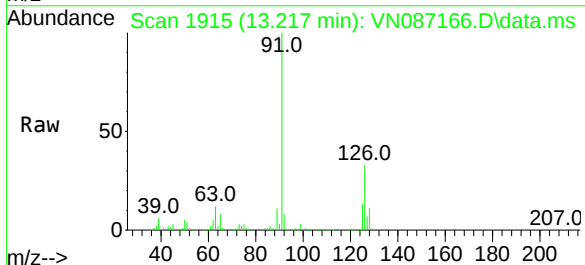
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

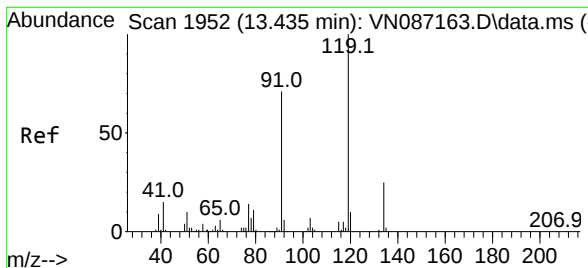
Tgt Ion: 75 Resp: 240560  
Ion Ratio Lower Upper  
75 100  
53 83.3 45.9 137.6  
89 44.0 22.3 66.9



#78  
4-Chlorotoluene  
Concen: 158.007 ug/l  
RT: 13.217 min Scan# 1915  
Delta R.T. -0.000 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

Tgt Ion: 91 Resp: 1255673  
Ion Ratio Lower Upper  
91 100  
126 33.2 0.0 65.2

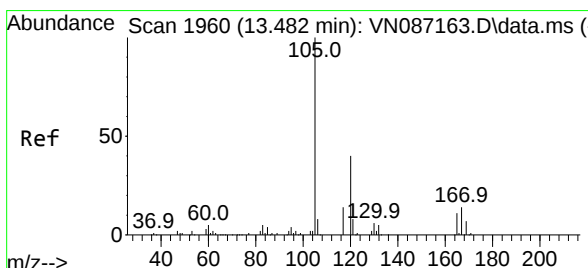
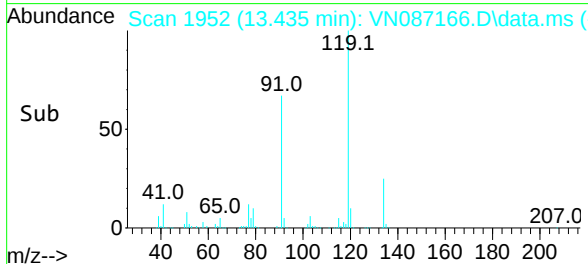
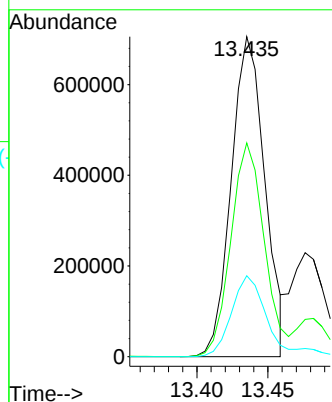
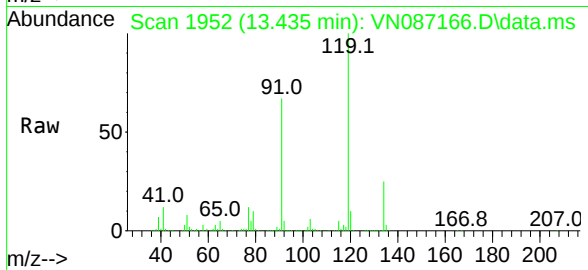




#79  
tert-butylbenzene  
Concen: 161.530 ug/l  
RT: 13.435 min Scan# 1952  
Delta R.T. -0.000 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

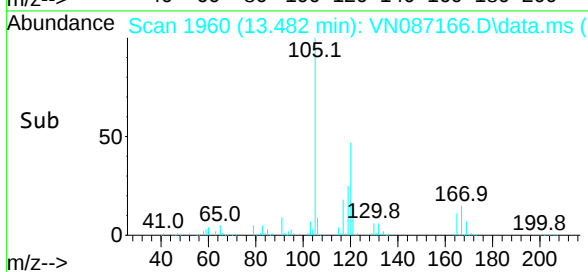
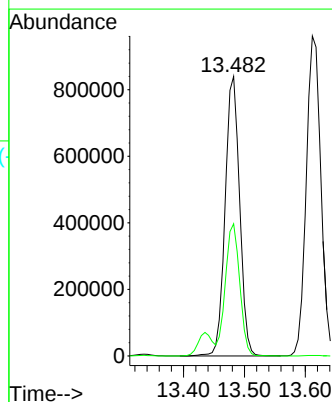
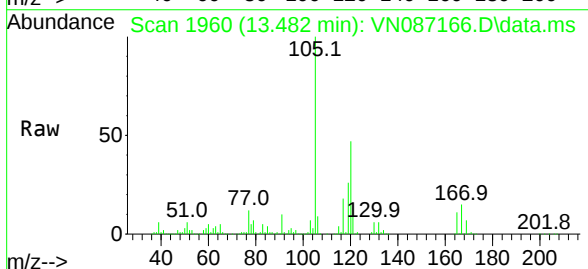
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

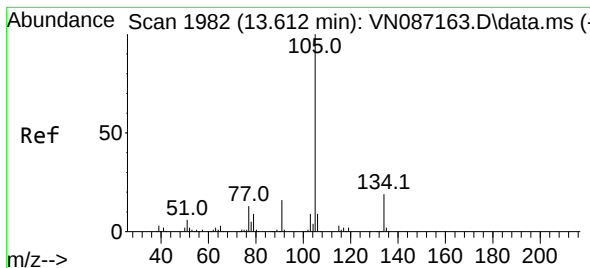
Tgt Ion:119 Resp: 1162060  
Ion Ratio Lower Upper  
119 100  
91 66.5 0.0 137.0  
134 25.6 0.0 49.4



#80  
1,2,4-Trimethylbenzene  
Concen: 161.492 ug/l  
RT: 13.482 min Scan# 1960  
Delta R.T. -0.000 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

Tgt Ion:105 Resp: 1387864  
Ion Ratio Lower Upper  
105 100  
120 46.7 0.0 94.0





#81

sec-Butylbenzene

Concen: 152.758 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VN087166.D

Acq: 25 Jun 2025 10:24

Instrument :

MSVOA\_N

ClientSampleId :

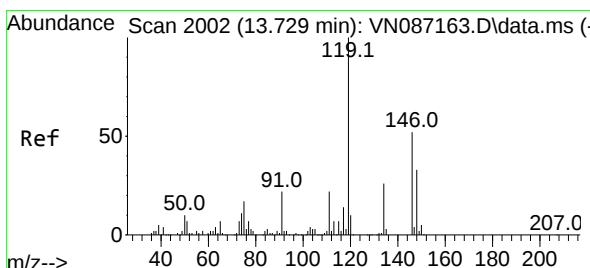
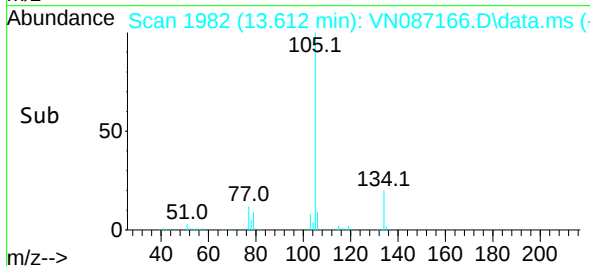
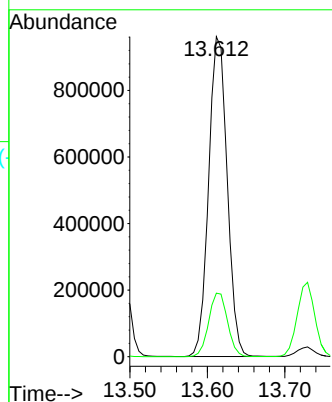
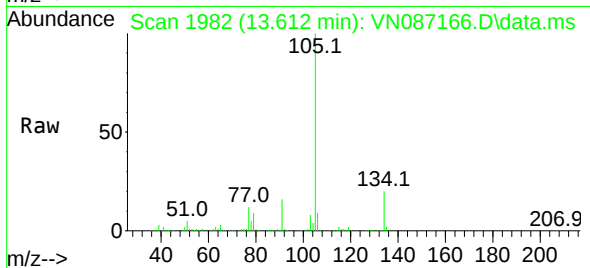
VSTDIC150

Tgt Ion:105 Resp: 1597517

Ion Ratio Lower Upper

105 100

134 20.2 0.0 39.4



#82

p-Isopropyltoluene

Concen: 155.116 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN087166.D

Acq: 25 Jun 2025 10:24

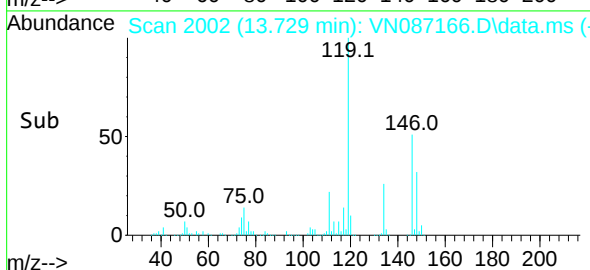
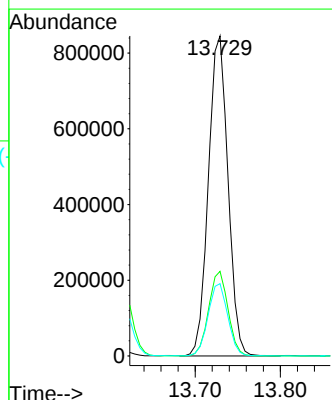
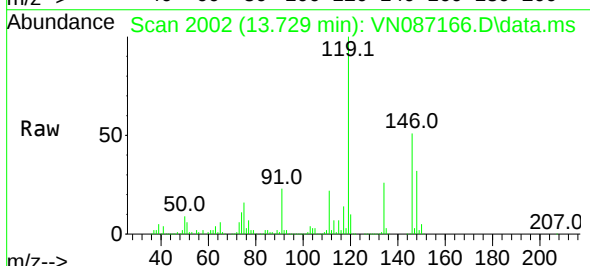
Tgt Ion:119 Resp: 1349971

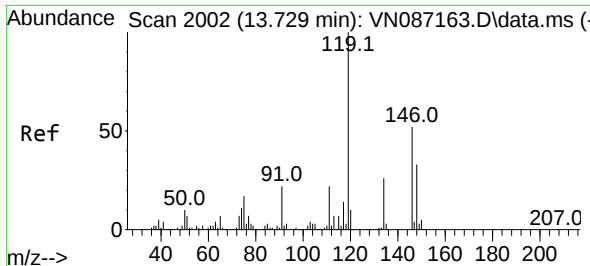
Ion Ratio Lower Upper

119 100

134 26.2 0.0 51.2

91 22.7 0.0 46.4

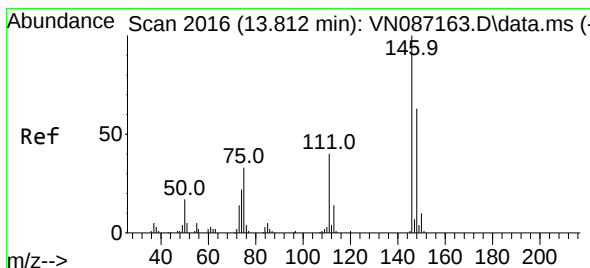
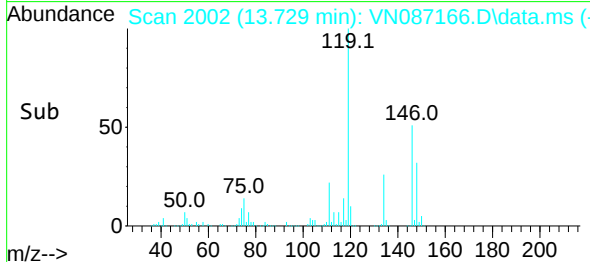
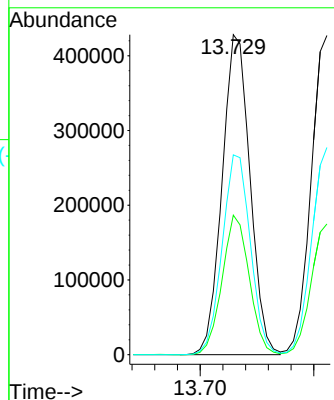
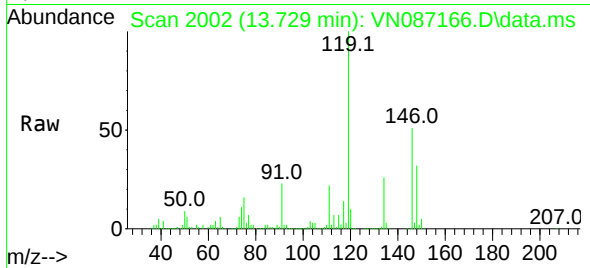




#83  
1,3-Dichlorobenzene  
Concen: 148.650 ug/l  
RT: 13.729 min Scan# 2002  
Delta R.T. -0.000 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

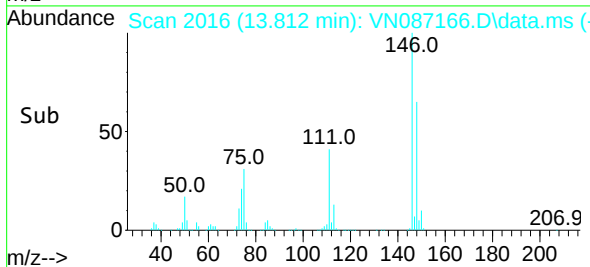
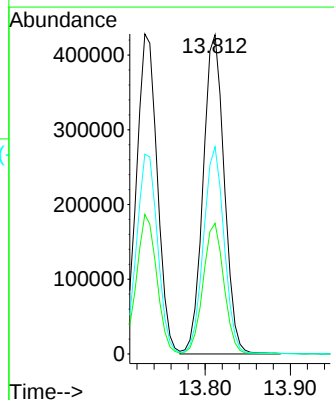
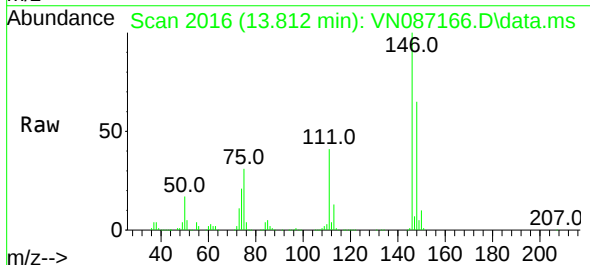
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

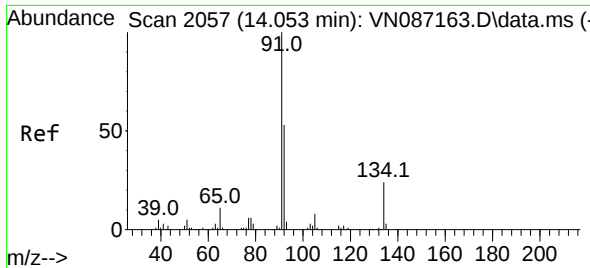
Tgt Ion:146 Resp: 729988  
Ion Ratio Lower Upper  
146 100  
111 42.5 21.1 63.3  
148 63.2 31.6 94.8



#84  
1,4-Dichlorobenzene  
Concen: 148.985 ug/l  
RT: 13.812 min Scan# 2016  
Delta R.T. -0.000 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

Tgt Ion:146 Resp: 736335  
Ion Ratio Lower Upper  
146 100  
111 39.6 20.1 60.2  
148 63.4 31.4 94.2

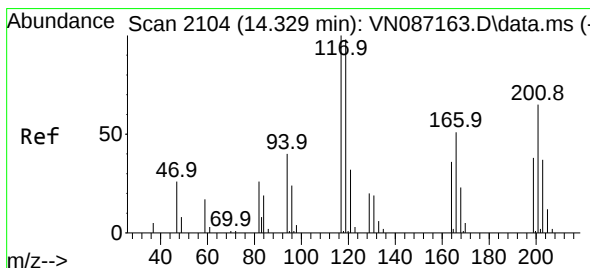
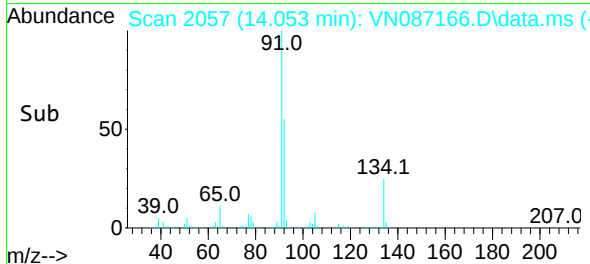
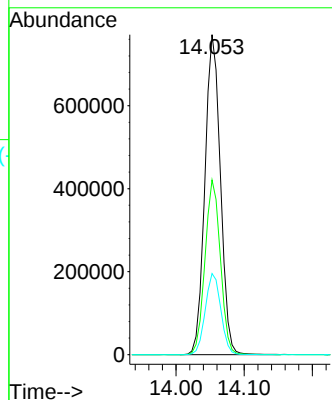
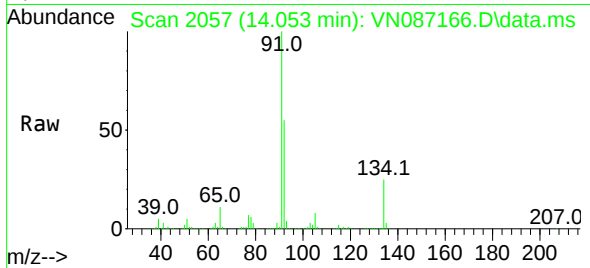




#85  
n-Butylbenzene  
Concen: 153.699 ug/l  
RT: 14.053 min Scan# 2057  
Delta R.T. -0.000 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

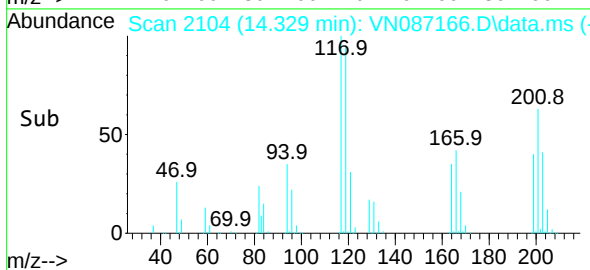
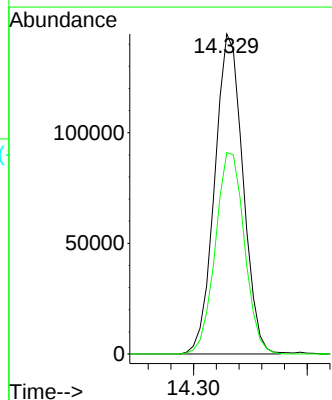
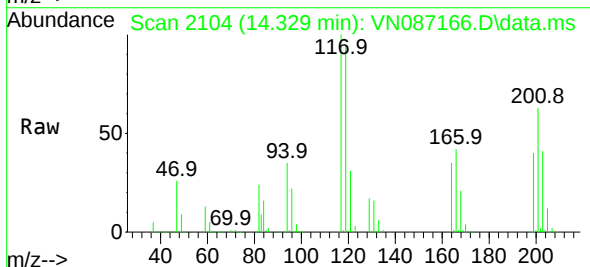
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

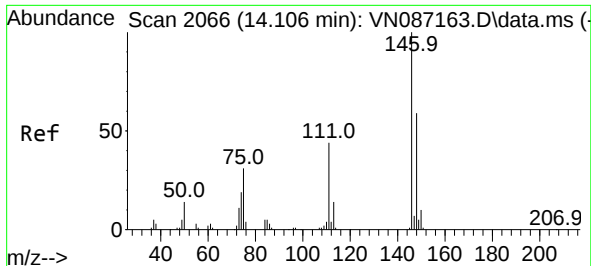
Tgt Ion: 91 Resp: 1220446  
Ion Ratio Lower Upper  
91 100  
92 54.0 0.0 106.4  
134 25.5 0.0 48.8



#86  
Hexachloroethane  
Concen: 151.628 ug/l  
RT: 14.329 min Scan# 2104  
Delta R.T. -0.000 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

Tgt Ion: 117 Resp: 249792  
Ion Ratio Lower Upper  
117 100  
201 64.7 30.8 92.3

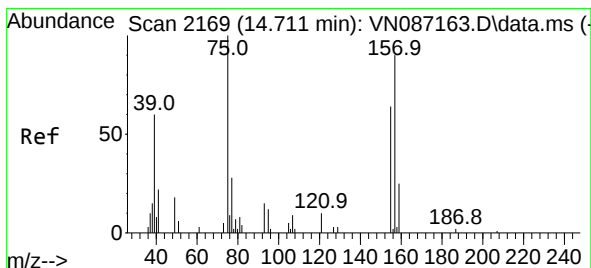
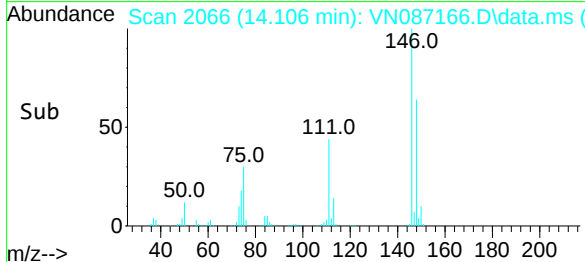
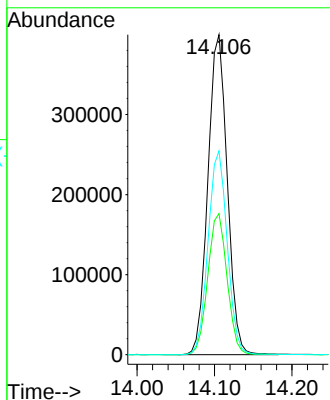
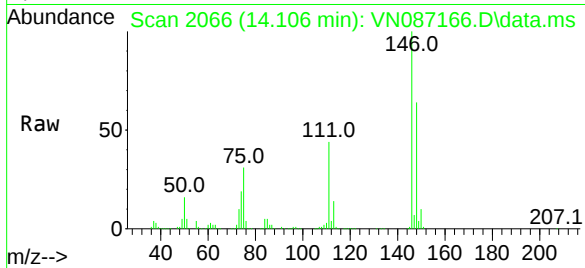




#87  
1,2-Dichlorobenzene  
Concen: 149.799 ug/l  
RT: 14.106 min Scan# 2066  
Delta R.T. -0.000 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

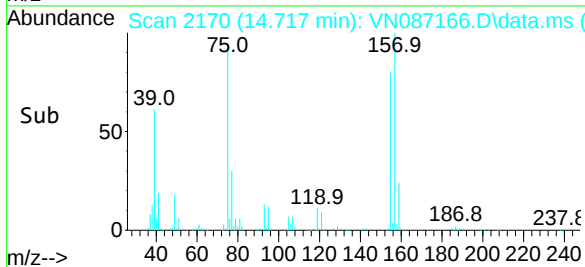
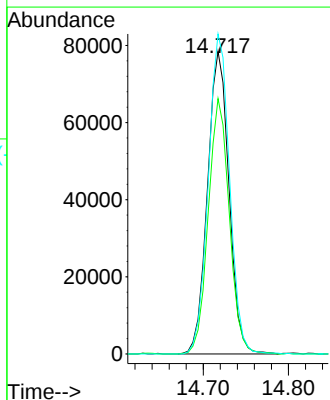
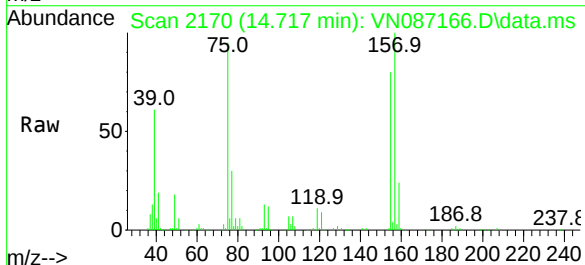
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

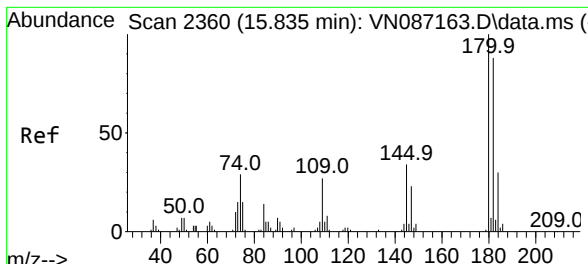
Tgt Ion:146 Resp: 693617  
Ion Ratio Lower Upper  
146 100  
111 44.0 22.1 66.1  
148 63.2 31.6 95.0



#88  
1,2-Dibromo-3-Chloropropane  
Concen: 161.439 ug/l  
RT: 14.717 min Scan# 2170  
Delta R.T. 0.006 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

Tgt Ion: 75 Resp: 137557  
Ion Ratio Lower Upper  
75 100  
155 82.4 58.3 87.5  
157 104.6 79.2 118.8

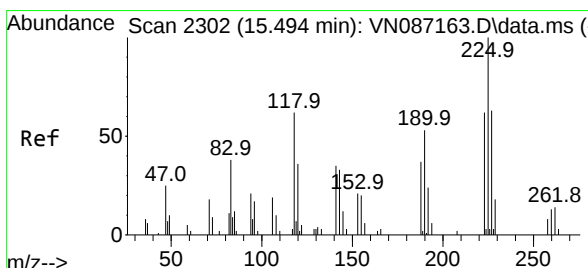
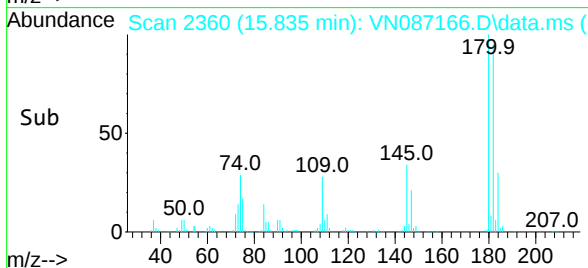
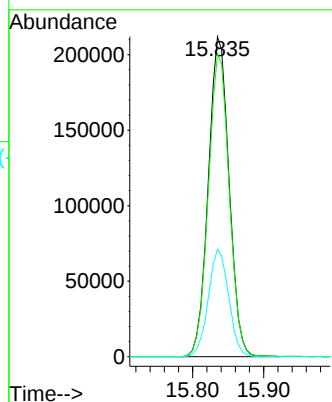
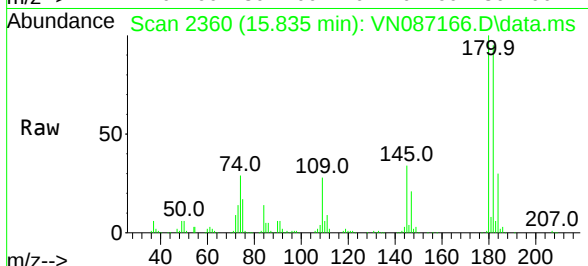




#89  
 1,2,4-Trichlorobenzene  
 Concen: 163.850 ug/l  
 RT: 15.835 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VN087166.D  
 Acq: 25 Jun 2025 10:24

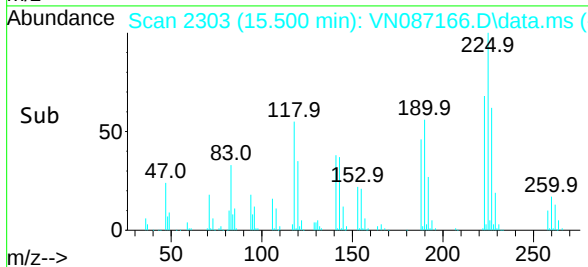
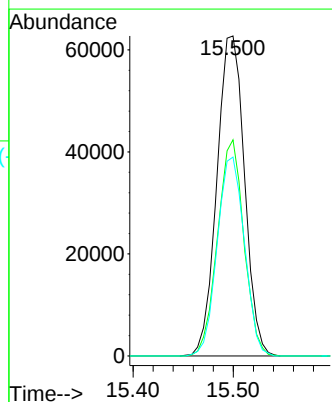
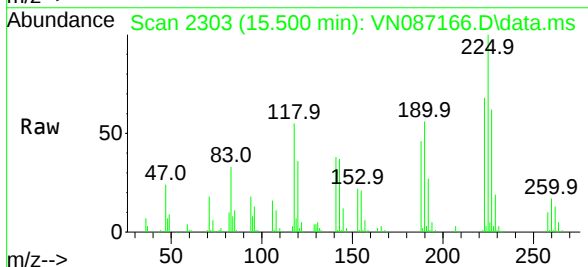
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC150

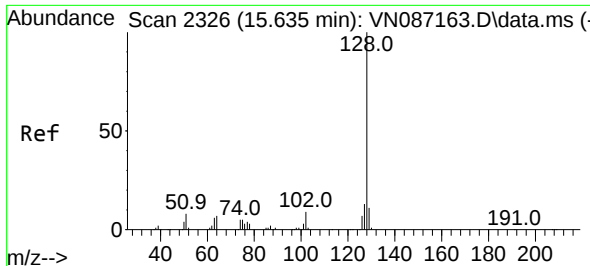
Tgt Ion:180 Resp: 429237  
 Ion Ratio Lower Upper  
 180 100  
 182 95.2 74.2 111.2  
 145 33.1 27.6 41.4



#90  
 Hexachlorobutadiene  
 Concen: 154.580 ug/l  
 RT: 15.500 min Scan# 2303  
 Delta R.T. 0.006 min  
 Lab File: VN087166.D  
 Acq: 25 Jun 2025 10:24

Tgt Ion:225 Resp: 120167  
 Ion Ratio Lower Upper  
 225 100  
 223 64.3 0.0 134.2  
 227 61.1 0.0 122.6

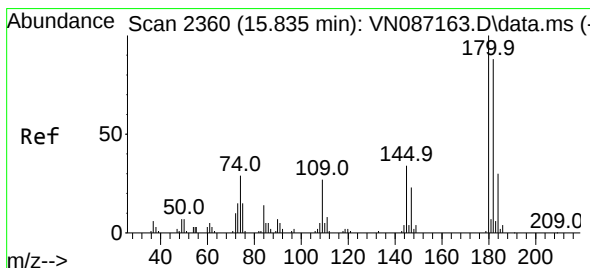
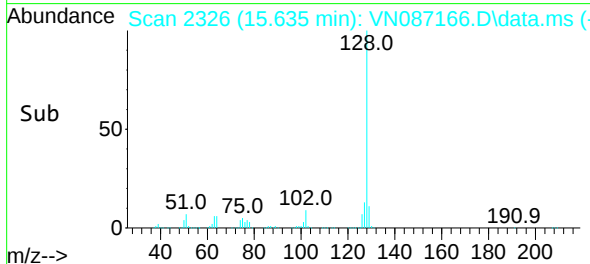
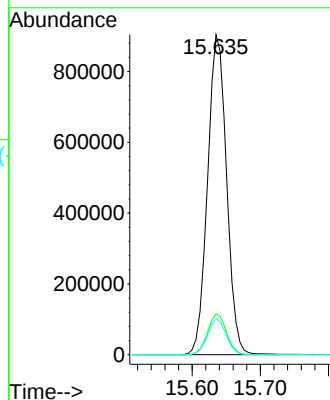
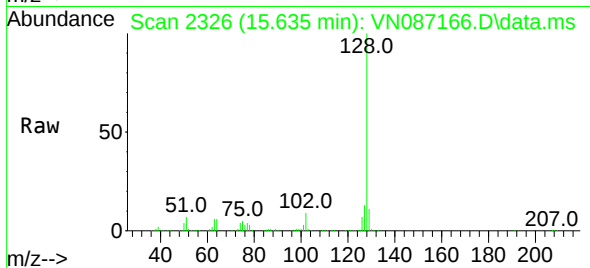




#91  
Naphthalene  
Concen: 170.340 ug/l  
RT: 15.635 min Scan# 2326  
Delta R.T. -0.000 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

Tgt Ion:128 Resp: 1756242  
Ion Ratio Lower Upper  
128 100  
127 12.7 10.6 15.8  
129 10.9 8.8 13.2



#92  
1,2,3-Trichlorobenzene  
Concen: 163.850 ug/l  
RT: 15.835 min Scan# 2360  
Delta R.T. -0.000 min  
Lab File: VN087166.D  
Acq: 25 Jun 2025 10:24

Tgt Ion:180 Resp: 429237  
Ion Ratio Lower Upper  
180 100  
182 95.2 0.0 185.4  
145 33.1 0.0 69.0

