

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN061325\  
 Data File : VN087015.D  
 Acq On : 13 Jun 2025 20:13  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Jun 14 00:35:53 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N060625W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 07 02:12:50 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.236  | 168  | 177059   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.106  | 114  | 323664   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 286714   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 143044   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.588  | 65    | 120504   | 50.832   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 101.660% |      |
| 35) Dibromofluoromethane    | 8.177  | 113   | 104545   | 54.504   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 109.000% |      |
| 50) Toluene-d8              | 10.571 | 98    | 387445   | 51.025   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 102.040% |      |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 148979   | 52.808   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | = 105.620% |      |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.154 | 85  | 102513  | 58.068  | ug/l   | 99  |
| 3) Chloromethane             | 2.395 | 50  | 115435  | 50.637  | ug/l   | 98  |
| 4) Vinyl Chloride            | 2.554 | 62  | 145294  | 61.785  | ug/l   | 98  |
| 5) Bromomethane              | 2.995 | 94  | 38834   | 29.510  | ug/l   | 99  |
| 6) Chloroethane              | 3.153 | 64  | 91785   | 60.424  | ug/l   | 96  |
| 7) Trichlorofluoromethane    | 3.530 | 101 | 184503  | 60.050  | ug/l   | 95  |
| 8) Diethyl Ether             | 3.983 | 74  | 77594   | 57.964  | ug/l   | 95  |
| 9) 1,1,2-Trichlorotrifluo... | 4.400 | 101 | 109285  | 56.615  | ug/l   | 99  |
| 10) Methyl Iodide            | 4.612 | 142 | 70915   | 28.340  | ug/l   | 98  |
| 11) Tert butyl alcohol       | 5.542 | 59  | 167958  | 261.110 | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 4.371 | 96  | 118251  | 60.004  | ug/l   | 91  |
| 13) Acrolein                 | 4.200 | 56  | 19026   | 93.443  | ug/l   | 99  |
| 14) Allyl chloride           | 5.047 | 41  | 165051  | 50.500  | ug/l   | 97  |
| 15) Acrylonitrile            | 5.742 | 53  | 405166  | 269.483 | ug/l   | 99  |
| 16) Acetone                  | 4.447 | 43  | 309658  | 246.315 | ug/l   | 98  |
| 17) Carbon Disulfide         | 4.742 | 76  | 357127  | 65.513  | ug/l   | 100 |
| 18) Methyl Acetate           | 5.047 | 43  | 169286  | 46.208  | ug/l   | 97  |
| 19) Methyl tert-butyl Ether  | 5.818 | 73  | 394017  | 55.219  | ug/l   | 97  |
| 20) Methylene Chloride       | 5.300 | 84  | 131735  | 55.971  | ug/l   | 95  |
| 21) trans-1,2-Dichloroethene | 5.812 | 96  | 125710  | 57.334  | ug/l   | 96  |
| 22) Diisopropyl ether        | 6.689 | 45  | 368851  | 53.539  | ug/l   | 98  |
| 23) Vinyl Acetate            | 6.618 | 43  | 1623406 | 278.900 | ug/l   | 98  |
| 24) 1,1-Dichloroethane       | 6.583 | 63  | 223707  | 56.425  | ug/l   | 99  |
| 25) 2-Butanone               | 7.494 | 43  | 521890  | 255.393 | ug/l   | 96  |
| 26) 2,2-Dichloropropane      | 7.500 | 77  | 140253  | 45.477  | ug/l   | 97  |
| 27) cis-1,2-Dichloroethene   | 7.500 | 96  | 147981  | 56.434  | ug/l   | 97  |
| 28) Bromochloromethane       | 7.824 | 49  | 104187  | 53.447  | ug/l   | 93  |
| 29) Tetrahydrofuran          | 7.847 | 42  | 344827  | 259.039 | ug/l   | 95  |
| 30) Chloroform               | 7.977 | 83  | 220616  | 55.720  | ug/l   | 97  |
| 31) Cyclohexane              | 8.271 | 56  | 201646  | 52.445  | ug/l   | 94  |
| 32) 1,1,1-Trichloroethane    | 8.177 | 97  | 186520  | 55.388  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 8.383 | 75  | 165286  | 57.829  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.571 | 43  | 192815  | 52.994  | ug/l   | 98  |
| 38) Carbon Tetrachloride     | 8.371 | 117 | 158306  | 56.416  | ug/l   | 96  |
| 39) Methylcyclohexane        | 9.606 | 83  | 197918  | 50.543  | ug/l   | 96  |
| 40) Benzene                  | 8.612 | 78  | 530188  | 56.727  | ug/l   | 99  |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Jun 14 00:35:53 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N060625W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 07 02:12:50 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.788  | 41   | 107778   | 52.745   | ug/l   | 96       |
| 42) 1,2-Dichloroethane        | 8.677  | 62   | 156821   | 55.319   | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.694  | 43   | 300238   | 51.413   | ug/l   | 97       |
| 44) Trichloroethene           | 9.359  | 130  | 128567   | 58.013   | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.624  | 63   | 128559   | 56.539   | ug/l   | 99       |
| 46) Dibromomethane            | 9.712  | 93   | 86619    | 57.352   | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.894  | 83   | 174176   | 56.051   | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.688  | 41   | 138963   | 51.701   | ug/l   | 96       |
| 49) 1,4-Dioxane               | 9.706  | 88   | 52836    | 1080.544 | ug/l # | 98       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 936186   | 266.296  | ug/l   | 97       |
| 52) Toluene                   | 10.635 | 92   | 326827   | 57.220   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.841 | 75   | 188870   | 54.355   | ug/l   | 95       |
| 54) cis-1,3-Dichloropropene   | 10.318 | 75   | 205259   | 55.209   | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 122125   | 55.567   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.882 | 69   | 208346   | 59.518   | ug/l   | 94       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 214803   | 56.341   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.165 | 63   | 582139   | 278.815  | ug/l   | 99       |
| 59) 2-Hexanone                | 11.200 | 43   | 633853   | 279.908  | ug/l   | 93       |
| 60) Dibromochloromethane      | 11.359 | 129  | 131961   | 57.629   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 129432   | 57.456   | ug/l   | 99       |
| 64) Tetrachloroethene         | 11.106 | 164  | 110954   | 61.148   | ug/l   | 97       |
| 65) Chlorobenzene             | 11.894 | 112  | 353548   | 55.910   | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 112219   | 55.207   | ug/l   | 100      |
| 67) Ethyl Benzene             | 11.965 | 91   | 600721   | 55.151   | ug/l   | 99       |
| 68) m/p-Xylenes               | 12.071 | 106  | 474265   | 113.745  | ug/l   | 99       |
| 69) o-Xylene                  | 12.400 | 106  | 226555   | 56.733   | ug/l   | 99       |
| 70) Styrene                   | 12.412 | 104  | 391256   | 57.257   | ug/l   | 99       |
| 71) Bromoform                 | 12.582 | 173  | 86089    | 57.160   | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.694 | 105  | 551423   | 52.915   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.512 | 43   | 190258   | 52.247   | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 195192   | 55.290   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 239854   | 70.541   | ug/l   | 75       |
| 77) Bromobenzene              | 12.982 | 156  | 134351   | 56.217   | ug/l   | 95       |
| 78) n-propylbenzene           | 13.035 | 91   | 657646   | 51.930   | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 405474   | 53.388   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 13.170 | 105  | 452624   | 52.608   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 56569    | 38.297   | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 13.218 | 91   | 415698   | 54.095   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.435 | 119  | 402449   | 51.101   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 466357   | 54.055   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.612 | 105  | 559228   | 48.896   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 470095   | 49.723   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 254506   | 54.127   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 259312   | 54.093   | ug/l   | 99       |
| 89) n-Butylbenzene            | 14.053 | 91   | 423209   | 46.215   | ug/l   | 99       |
| 90) Hexachloroethane          | 14.329 | 117  | 68232    | 42.577   | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 246617   | 54.592   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.717 | 75   | 43462    | 51.477   | ug/l   | 94       |
| 93) 1,2,4-Trichlorobenzene    | 15.388 | 180  | 141048   | 48.896   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.494 | 225  | 41240    | 38.372   | ug/l   | 99       |
| 95) Naphthalene               | 15.635 | 128  | 574068   | 53.465   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 136299   | 47.556   | ug/l   | 99       |

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Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

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Quant Title : SW846 8260  
QLast Update : Sat Jun 07 02:12:50 2025  
Response via : Initial Calibration

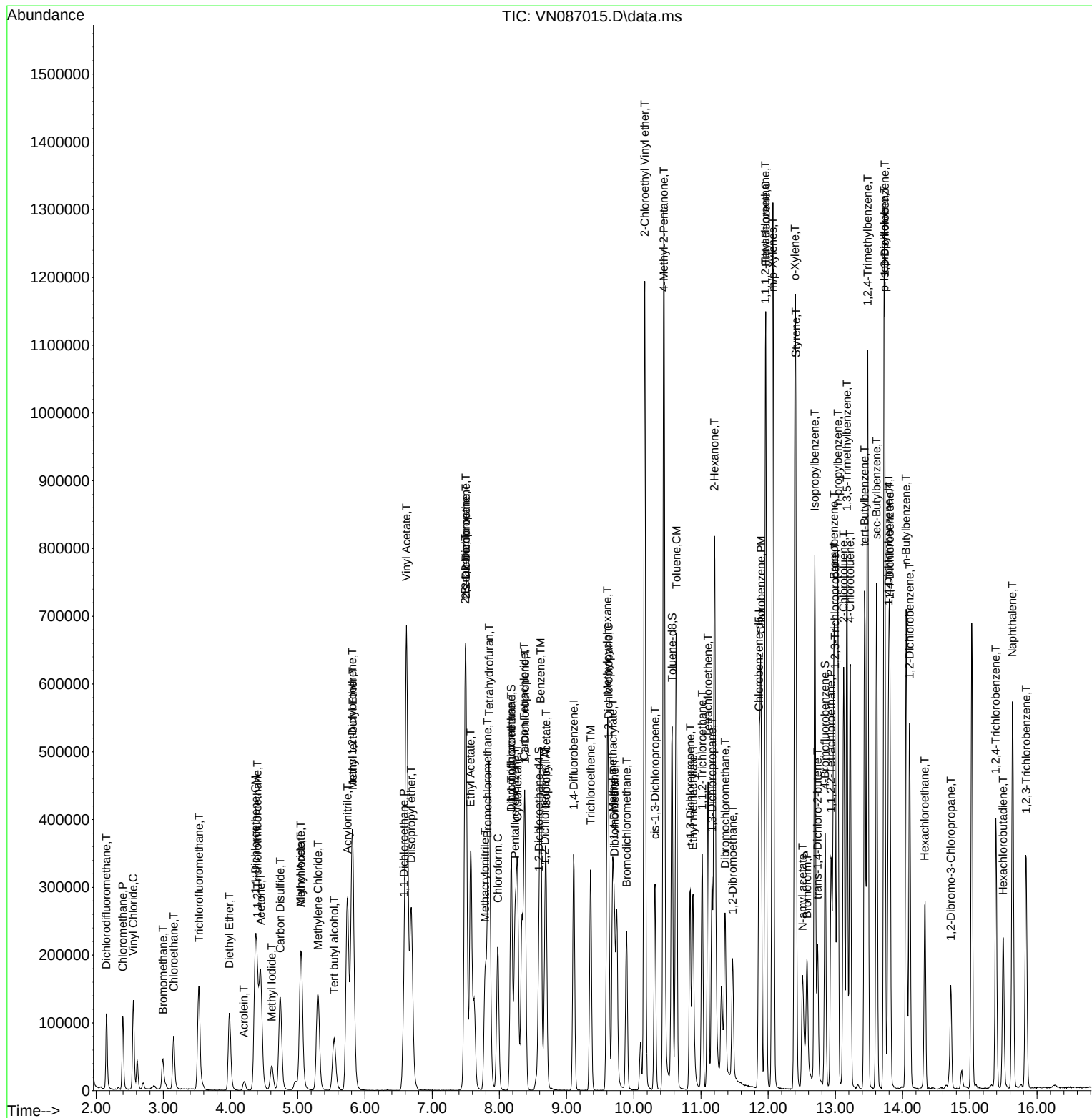
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

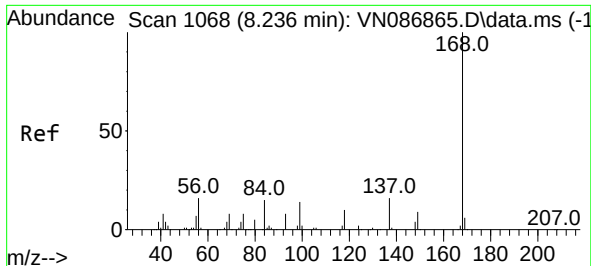
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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 21 Sample Multiplier: 1

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 QLast Update : Sat Jun 07 02:12:50 2025  
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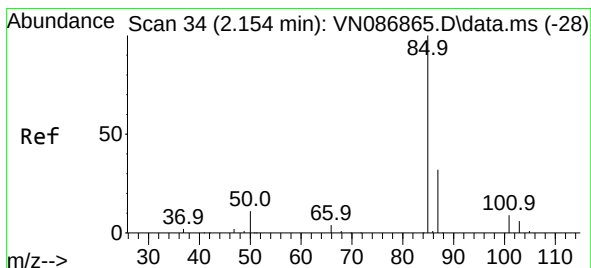
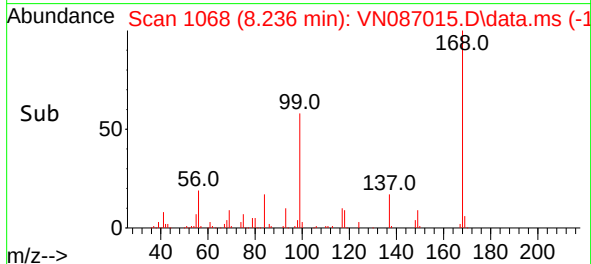
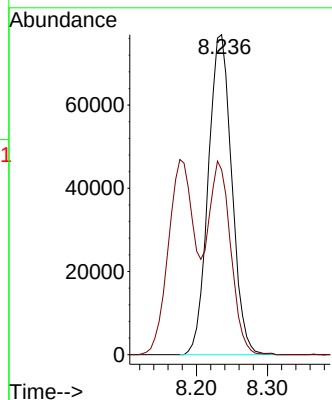
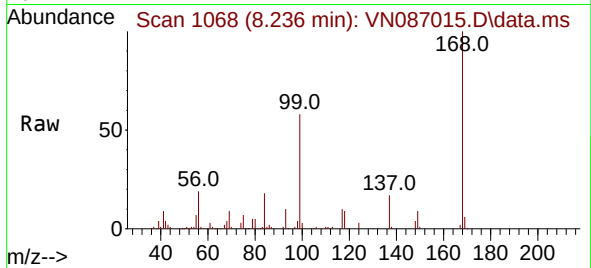




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.236 min Scan# 1068  
Delta R.T. -0.001 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

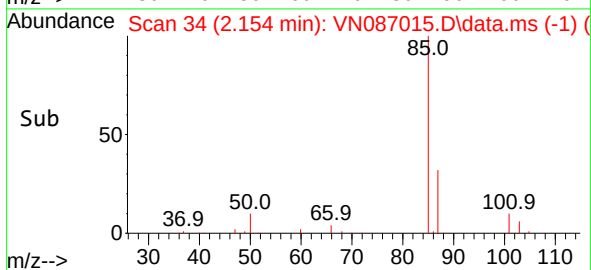
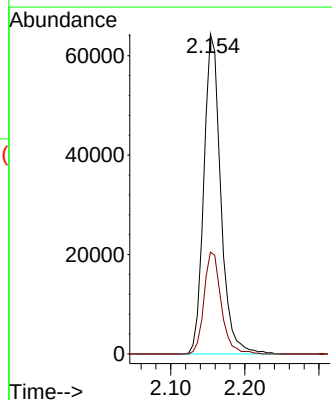
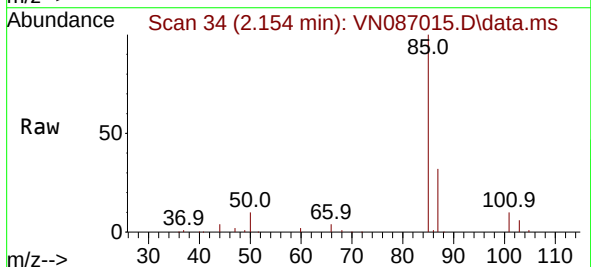
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

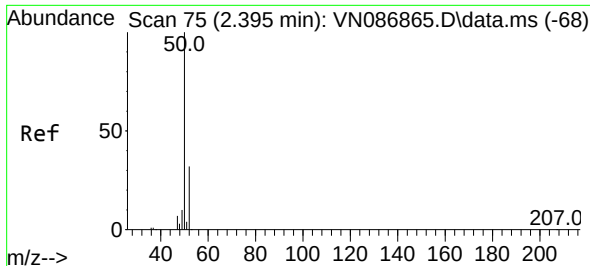
Tgt Ion:168 Resp: 177059  
Ion Ratio Lower Upper  
168 100  
99 57.8 49.1 73.7



#2  
Dichlorodifluoromethane  
Concen: 58.068 ug/l  
RT: 2.154 min Scan# 34  
Delta R.T. -0.000 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

Tgt Ion: 85 Resp: 102513  
Ion Ratio Lower Upper  
85 100  
87 31.9 16.2 48.6

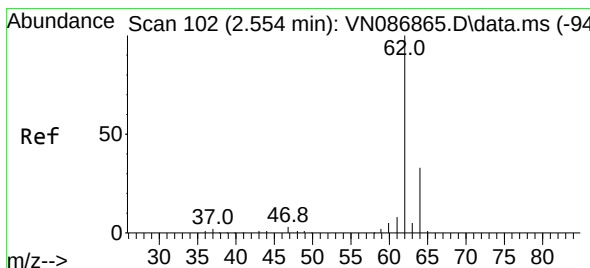
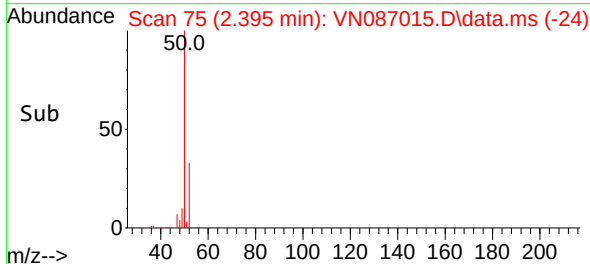
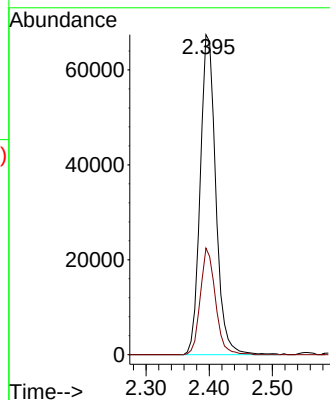
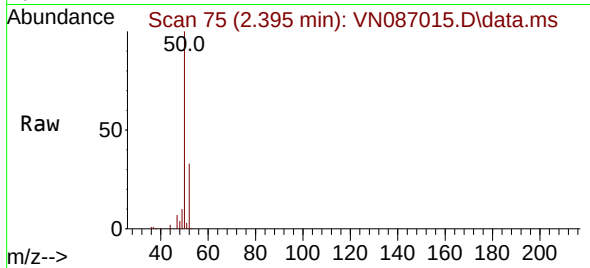




#3  
Chloromethane  
Concen: 50.637 ug/l  
RT: 2.395 min Scan# 75  
Delta R.T. -0.000 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

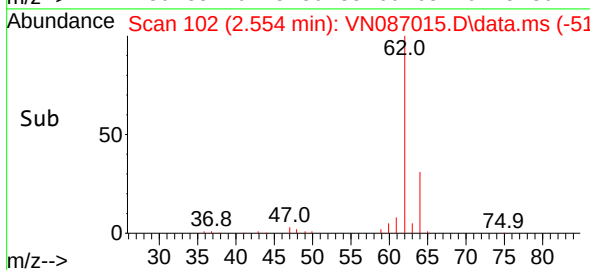
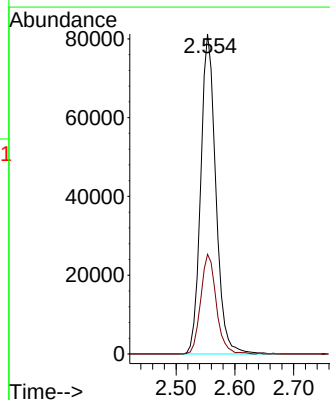
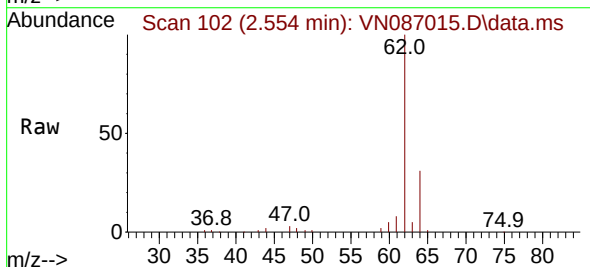
Instrument :  
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ClientSampleId :  
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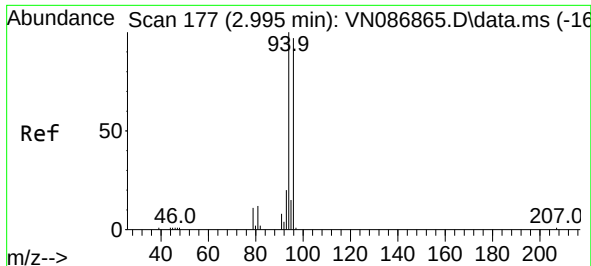
Tgt Ion: 50 Resp: 115435  
Ion Ratio Lower Upper  
50 100  
52 33.3 25.7 38.5



#4  
Vinyl Chloride  
Concen: 61.785 ug/l  
RT: 2.554 min Scan# 102  
Delta R.T. -0.000 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

Tgt Ion: 62 Resp: 145294  
Ion Ratio Lower Upper  
62 100  
64 31.2 26.0 39.0

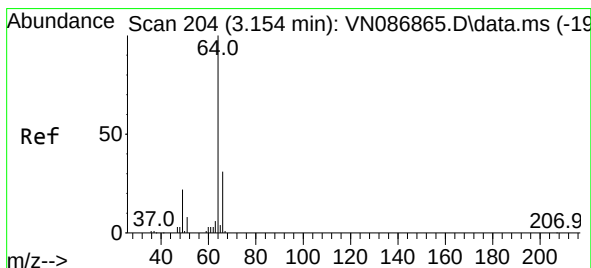
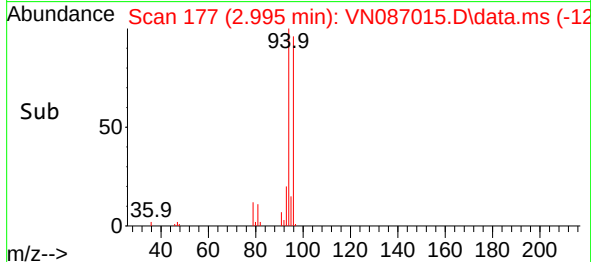
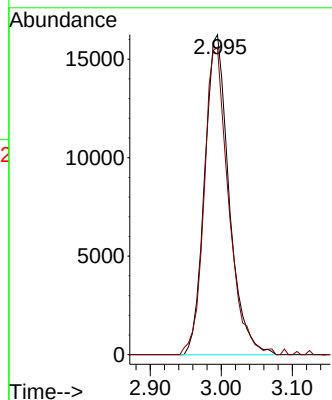
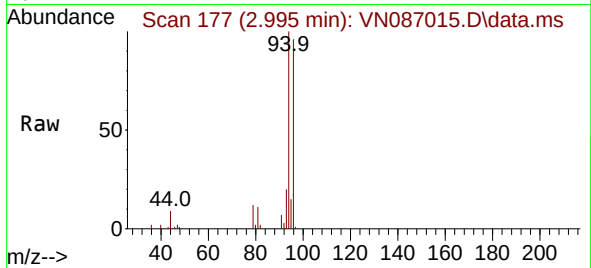




#5  
Bromomethane  
Concen: 29.510 ug/l  
RT: 2.995 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

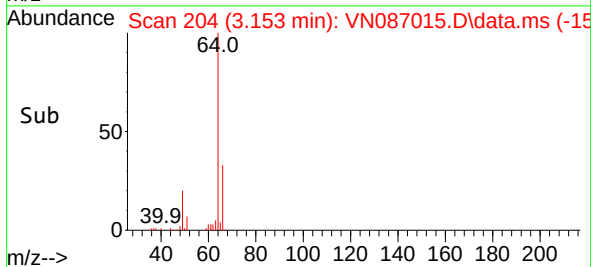
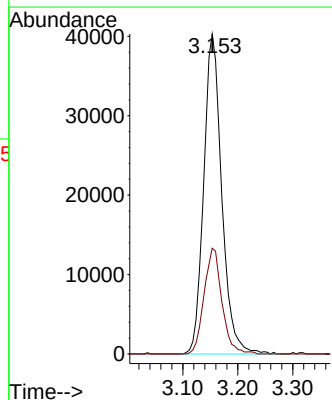
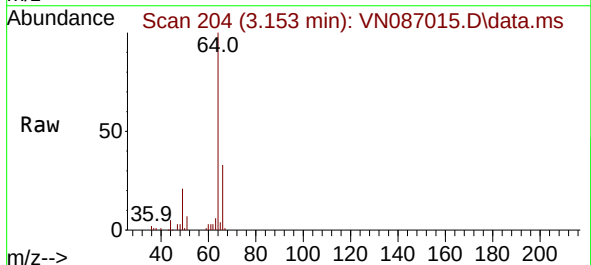
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

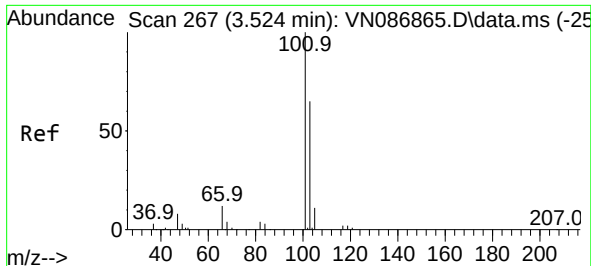
Tgt Ion: 94 Resp: 38834  
Ion Ratio Lower Upper  
94 100  
96 96.1 77.9 116.9



#6  
Chloroethane  
Concen: 60.424 ug/l  
RT: 3.153 min Scan# 204  
Delta R.T. -0.000 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

Tgt Ion: 64 Resp: 91785  
Ion Ratio Lower Upper  
64 100  
66 33.0 24.6 36.8

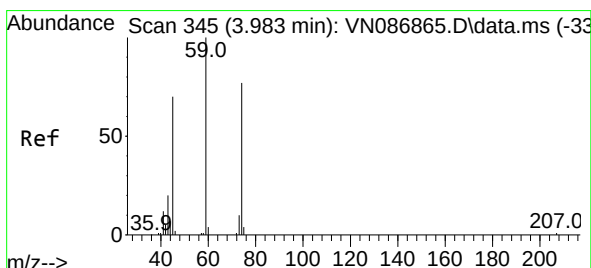
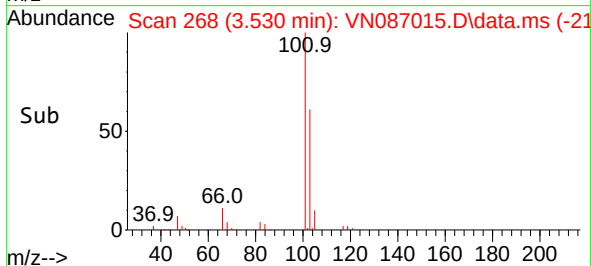
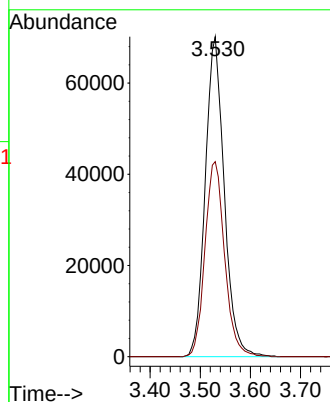
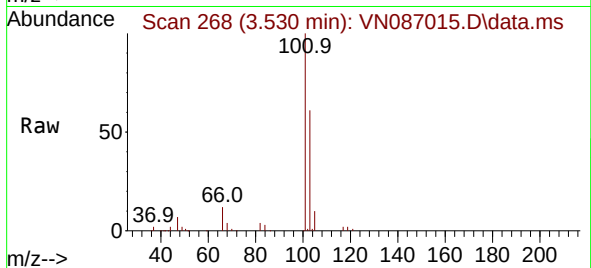




#7  
Trichlorofluoromethane  
Concen: 60.050 ug/l  
RT: 3.530 min Scan# 20  
Delta R.T. 0.006 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

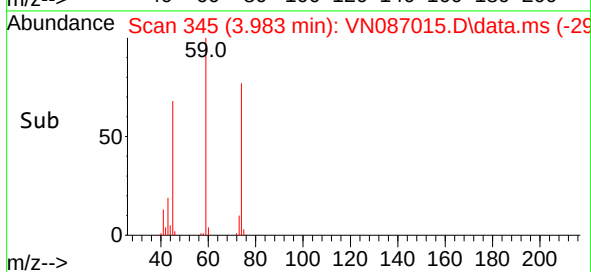
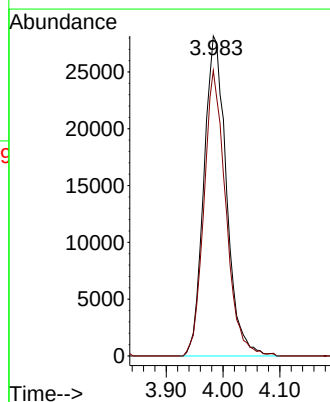
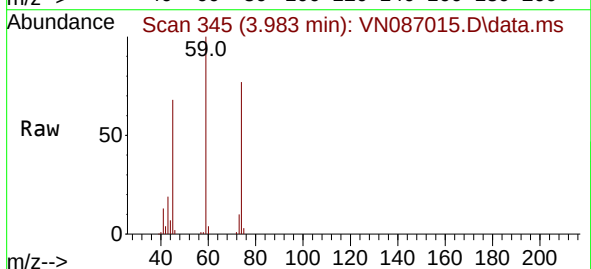
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:101 Resp: 184503  
Ion Ratio Lower Upper  
101 100  
103 61.0 52.2 78.2

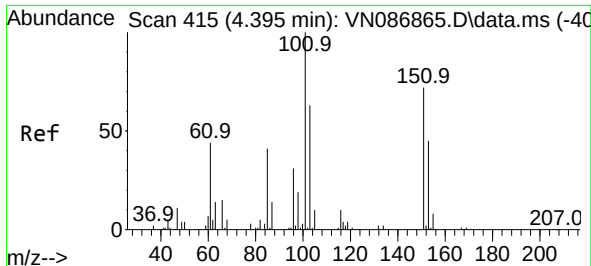


#8  
Diethyl Ether  
Concen: 57.964 ug/l  
RT: 3.983 min Scan# 345  
Delta R.T. -0.000 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

Tgt Ion: 74 Resp: 77594  
Ion Ratio Lower Upper  
74 100  
45 86.4 45.5 136.5



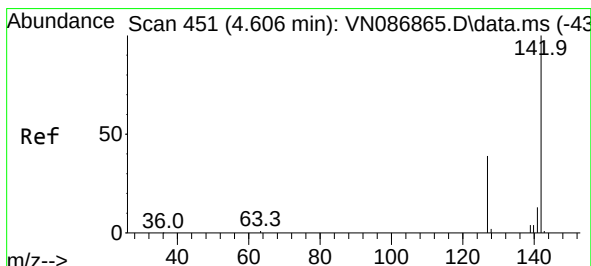
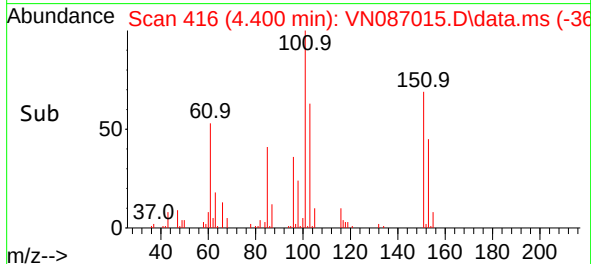
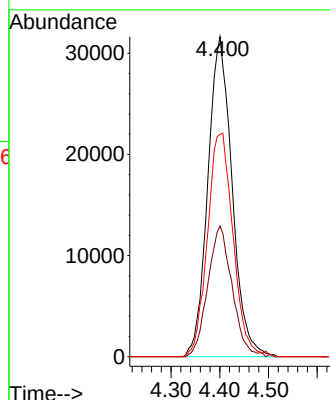
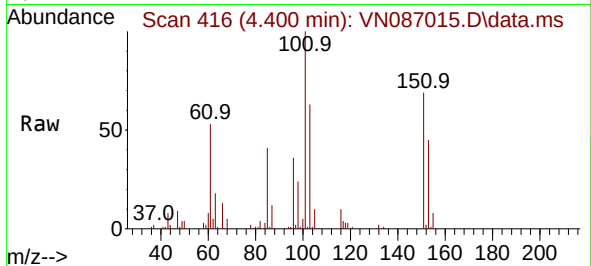




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 56.615 ug/l  
RT: 4.400 min Scan# 415  
Delta R.T. 0.006 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

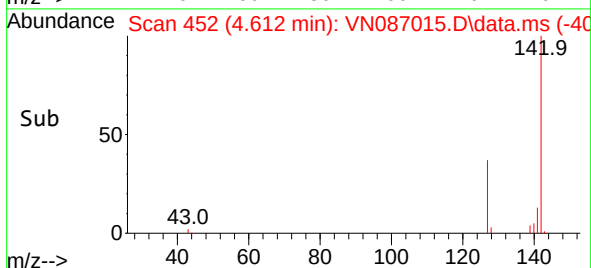
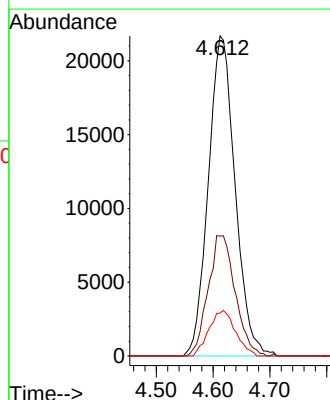
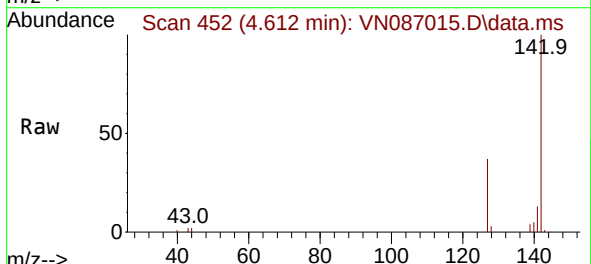
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

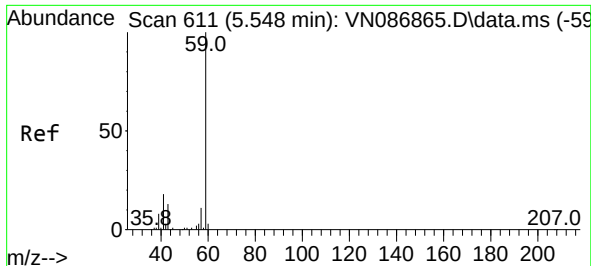
Tgt Ion:101 Resp: 109285  
Ion Ratio Lower Upper  
101 100  
85 40.8 33.8 50.8  
151 73.8 58.7 88.1



#10  
Methyl Iodide  
Concen: 28.340 ug/l  
RT: 4.612 min Scan# 452  
Delta R.T. 0.006 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

Tgt Ion:142 Resp: 70915  
Ion Ratio Lower Upper  
142 100  
127 37.4 30.9 46.3  
141 13.4 10.4 15.6

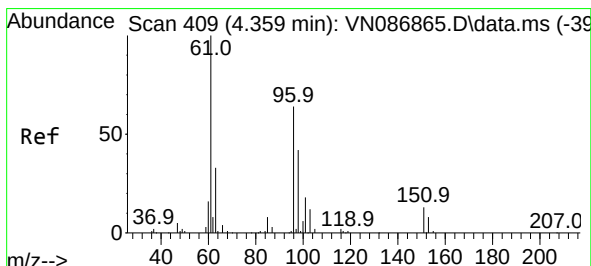
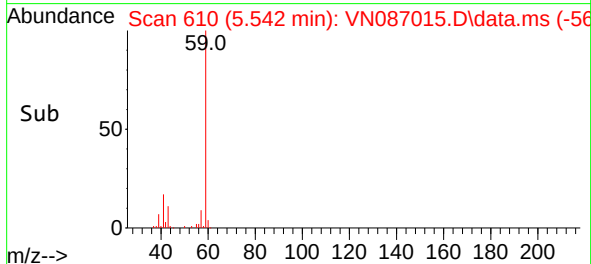
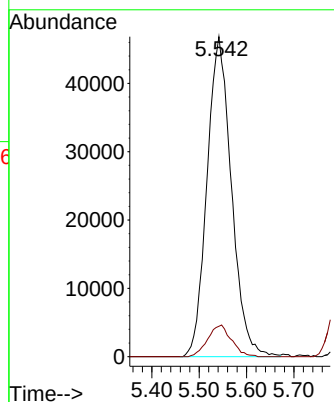
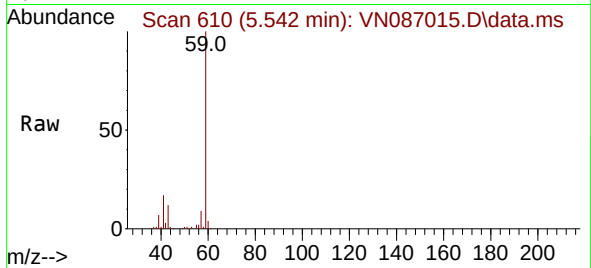




#11  
Tert butyl alcohol  
Concen: 261.110 ug/l  
RT: 5.542 min Scan# 611  
Delta R.T. -0.006 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

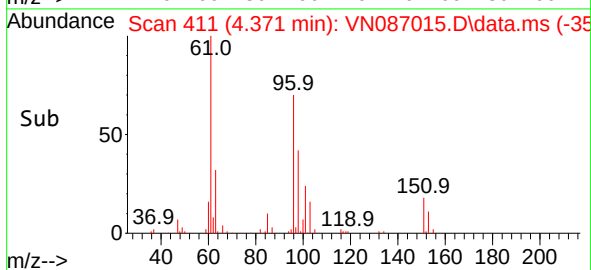
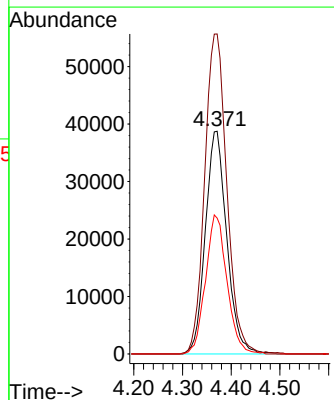
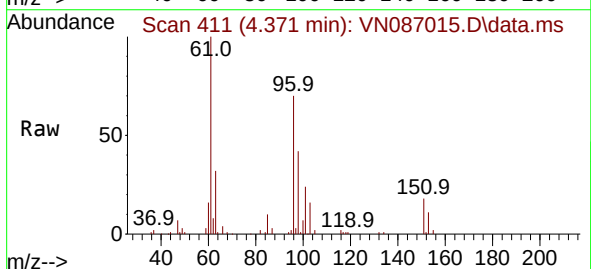
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

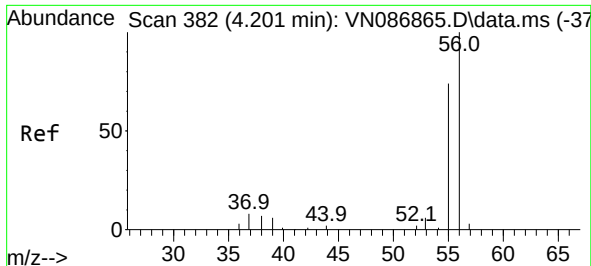
Tgt Ion: 59 Resp: 167958  
Ion Ratio Lower Upper  
59 100  
57 9.6 8.1 12.1



#12  
1,1-Dichloroethene  
Concen: 60.004 ug/l  
RT: 4.371 min Scan# 411  
Delta R.T. 0.012 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

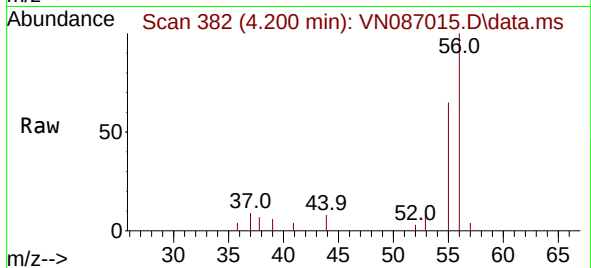
Tgt Ion: 96 Resp: 118251  
Ion Ratio Lower Upper  
96 100  
61 143.7 125.8 188.6  
98 61.0 52.5 78.7



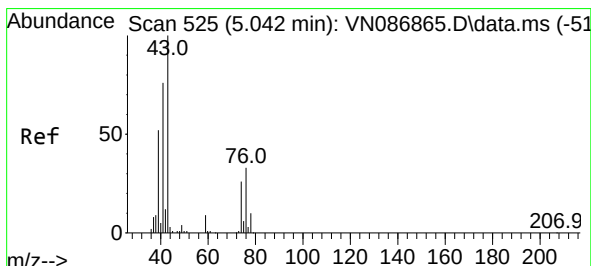
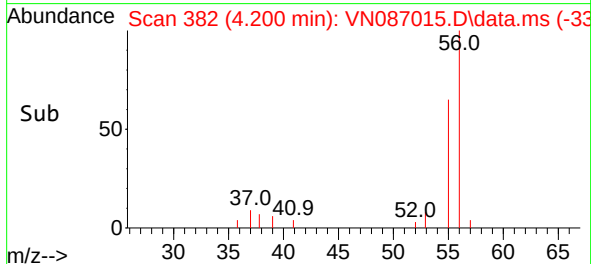
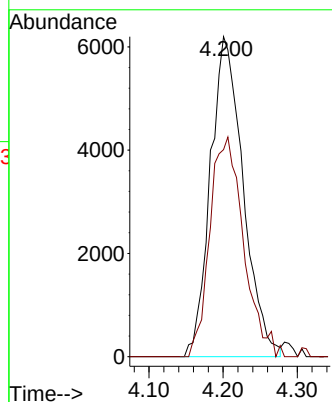


#13  
Acrolein  
Concen: 93.443 ug/l  
RT: 4.200 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

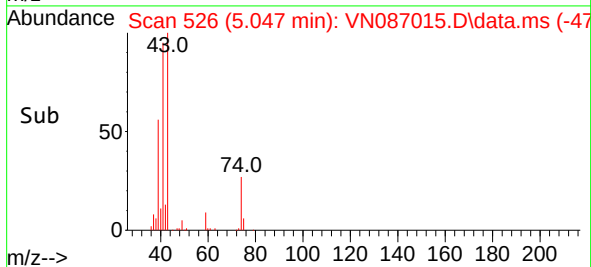
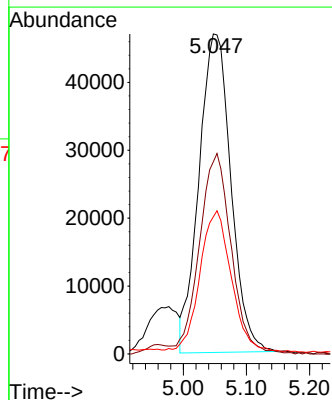
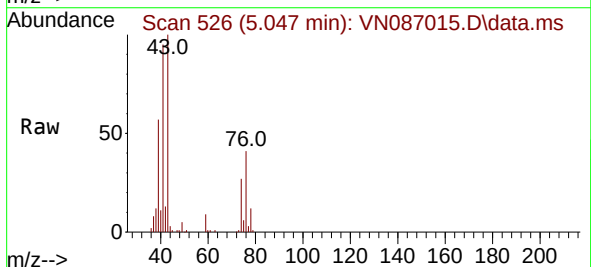


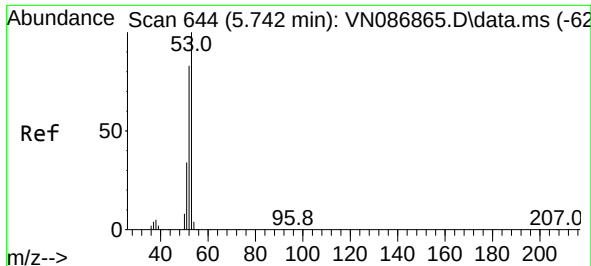
Tgt Ion: 56 Resp: 19026  
Ion Ratio Lower Upper  
56 100  
55 70.6 55.6 83.4



#14  
Allyl chloride  
Concen: 50.500 ug/l  
RT: 5.047 min Scan# 526  
Delta R.T. 0.006 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

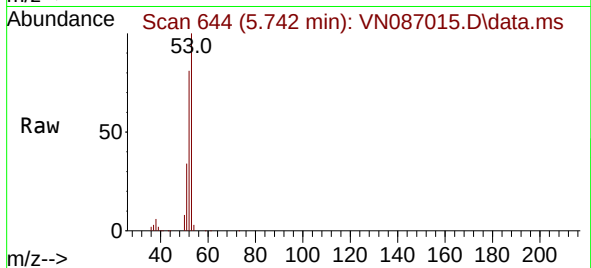
Tgt Ion: 41 Resp: 165051  
Ion Ratio Lower Upper  
41 100  
39 62.9 51.3 76.9  
76 43.2 31.4 47.0



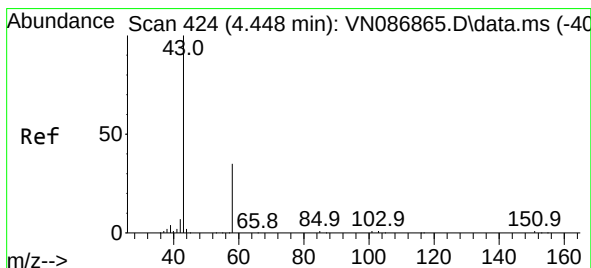
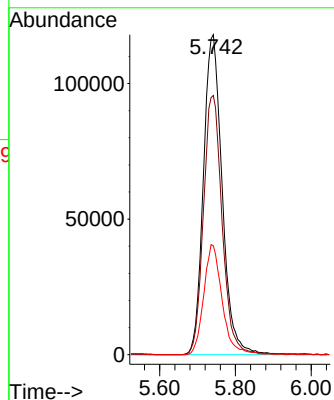
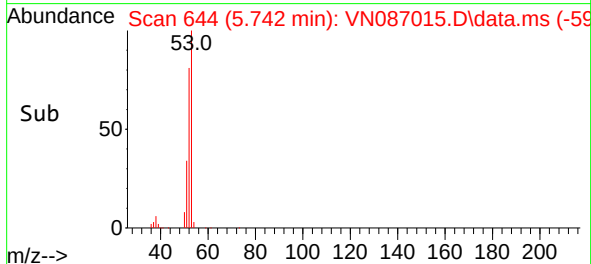


#15  
Acrylonitrile  
Concen: 269.483 ug/l  
RT: 5.742 min Scan# 644  
Delta R.T. -0.000 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

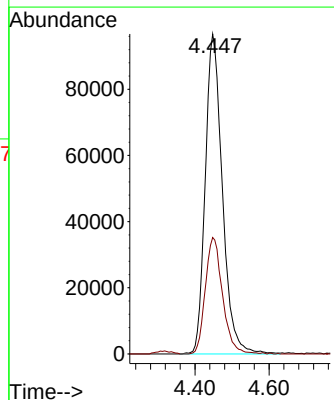
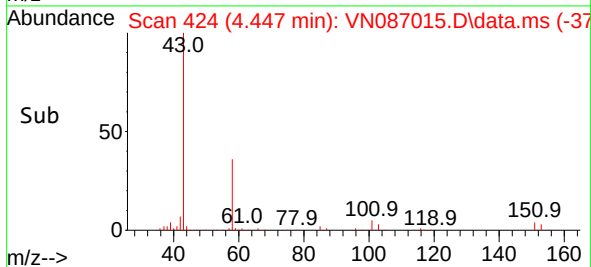
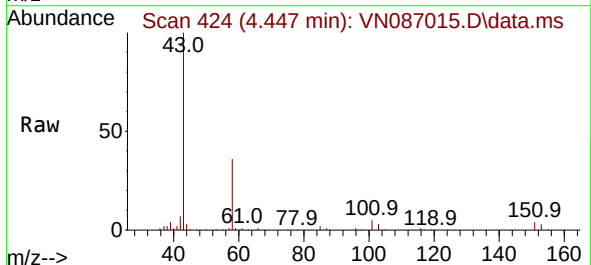


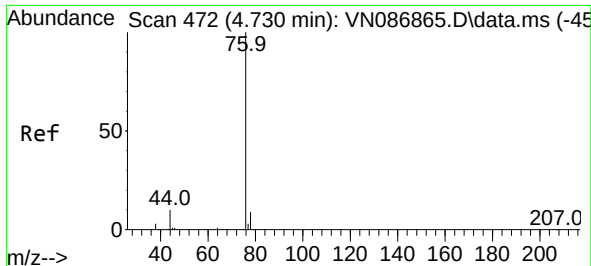
Tgt Ion: 53 Resp: 405166  
Ion Ratio Lower Upper  
53 100  
52 80.8 65.0 97.6  
51 33.7 27.2 40.8



#16  
Acetone  
Concen: 246.315 ug/l  
RT: 4.447 min Scan# 424  
Delta R.T. -0.000 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

Tgt Ion: 43 Resp: 309658  
Ion Ratio Lower Upper  
43 100  
58 36.4 28.0 42.0

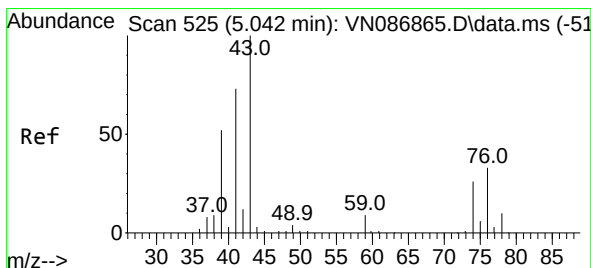
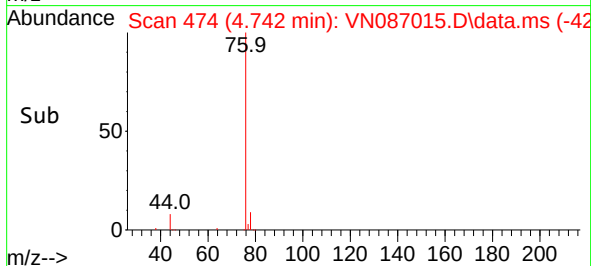
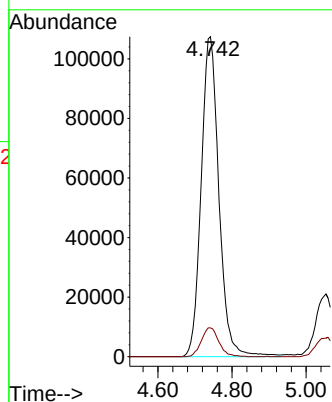
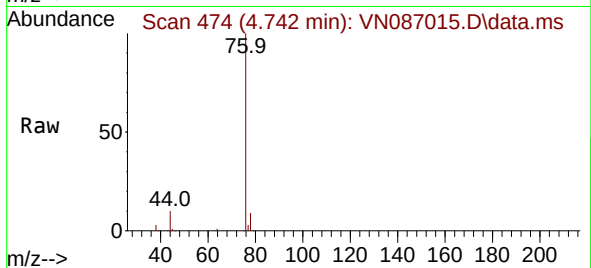




#17  
Carbon Disulfide  
Concen: 65.513 ug/l  
RT: 4.742 min Scan# 41  
Delta R.T. 0.012 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

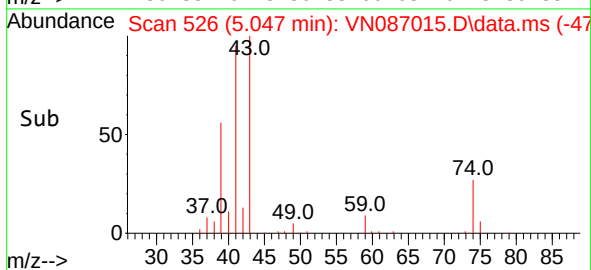
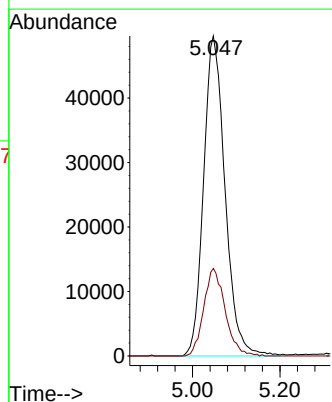
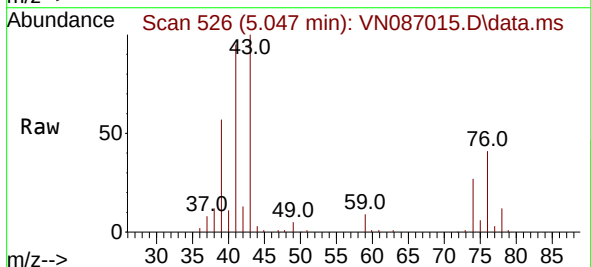
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

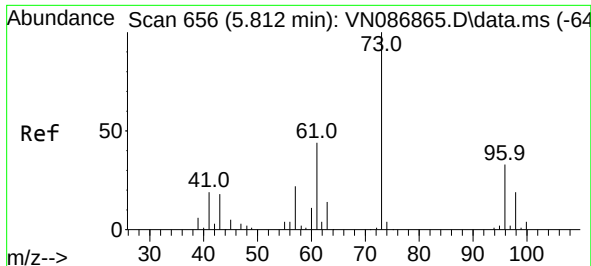
Tgt Ion: 76 Resp: 357127  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.3 10.9



#18  
Methyl Acetate  
Concen: 46.208 ug/l  
RT: 5.047 min Scan# 526  
Delta R.T. 0.006 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

Tgt Ion: 43 Resp: 169286  
Ion Ratio Lower Upper  
43 100  
74 27.3 20.7 31.1

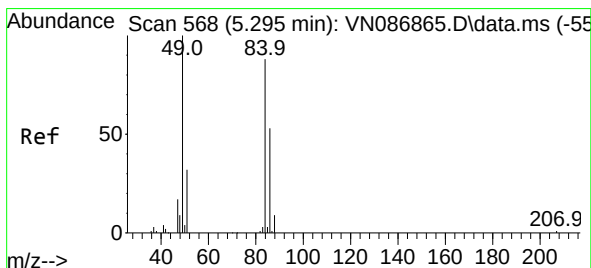
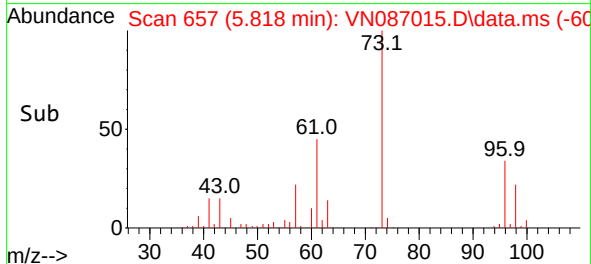
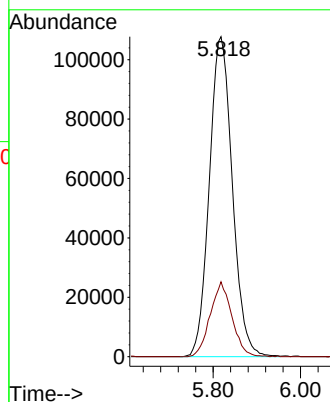
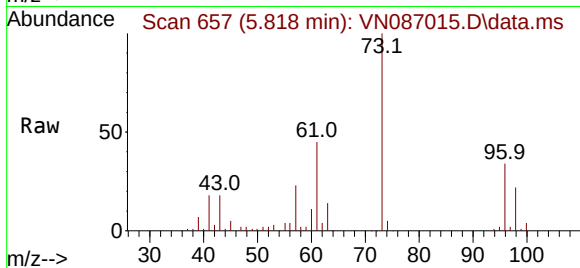




#19  
Methyl tert-butyl Ether  
Concen: 55.219 ug/l  
RT: 5.818 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

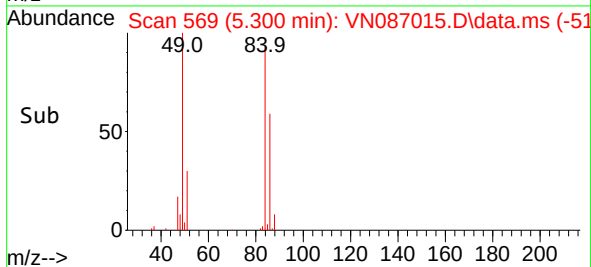
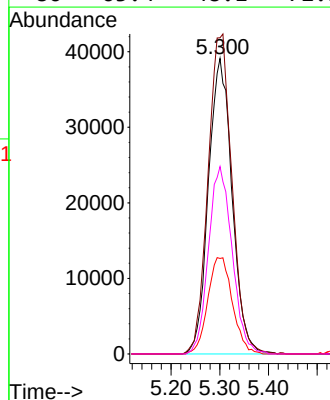
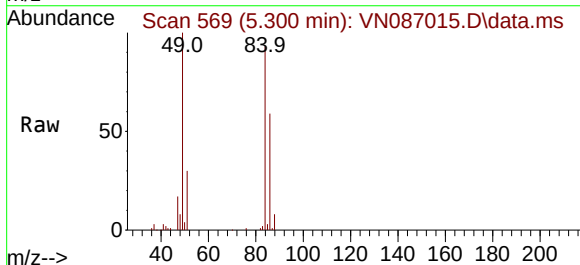
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

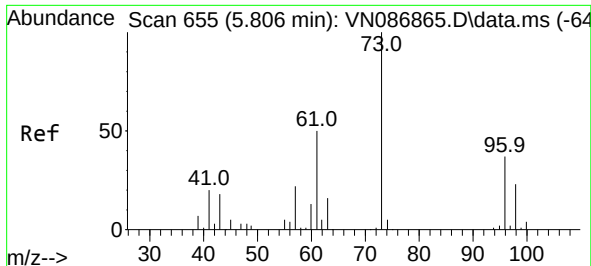
Tgt Ion: 73 Resp: 394017  
Ion Ratio Lower Upper  
73 100  
57 23.4 17.4 26.2



#20  
Methylene Chloride  
Concen: 55.971 ug/l  
RT: 5.300 min Scan# 569  
Delta R.T. 0.006 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

Tgt Ion: 84 Resp: 131735  
Ion Ratio Lower Upper  
84 100  
49 107.0 90.5 135.7  
51 32.3 28.5 42.7  
86 63.4 48.1 72.1

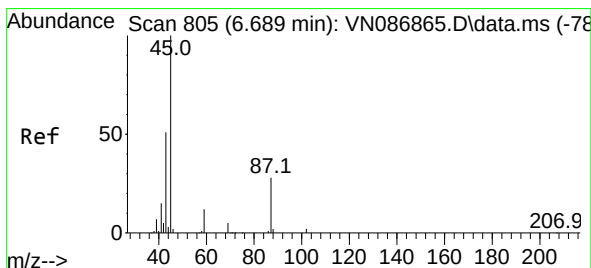
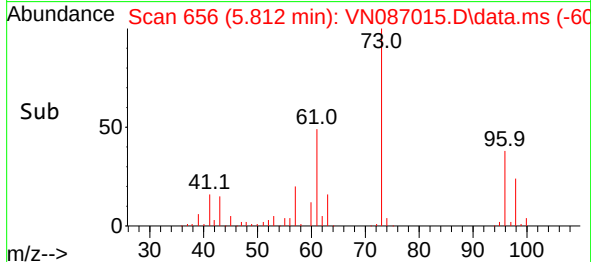
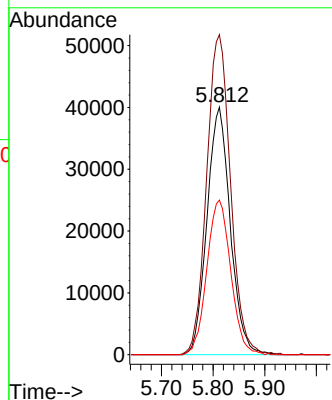
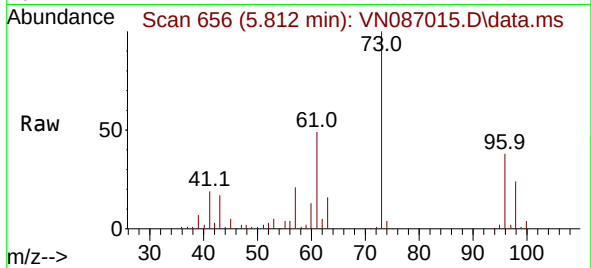




#21  
trans-1,2-Dichloroethene  
Concen: 57.334 ug/l  
RT: 5.812 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

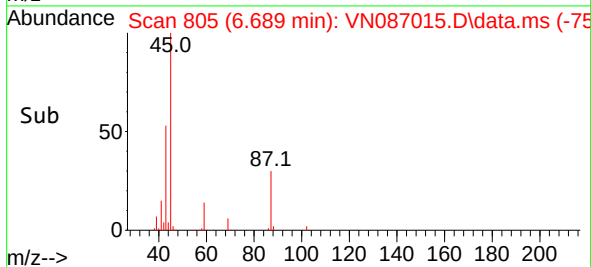
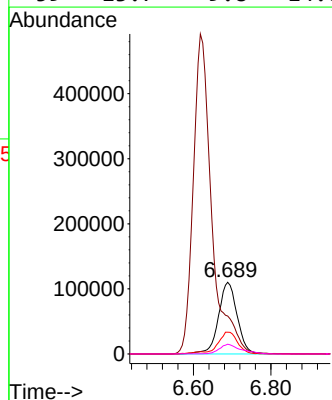
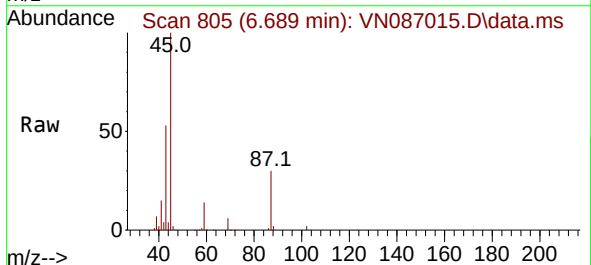
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

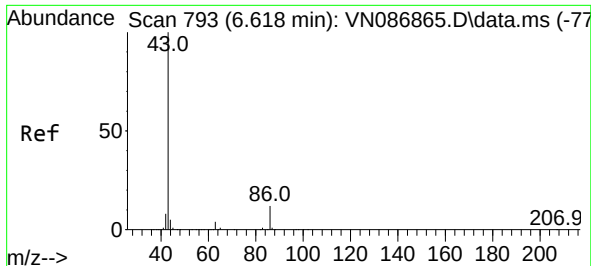
Tgt Ion: 96 Resp: 125710  
Ion Ratio Lower Upper  
96 100  
61 129.3 109.2 163.8  
98 62.4 49.8 74.8



#22  
Diisopropyl ether  
Concen: 53.539 ug/l  
RT: 6.689 min Scan# 805  
Delta R.T. -0.000 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

Tgt Ion: 45 Resp: 368851  
Ion Ratio Lower Upper  
45 100  
43 52.3 41.9 62.9  
87 30.3 22.4 33.6  
59 13.7 9.8 14.6

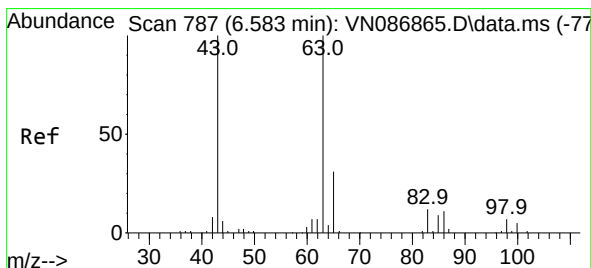
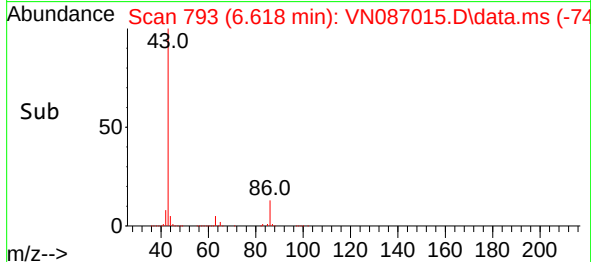
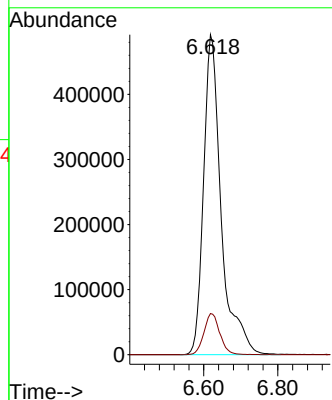
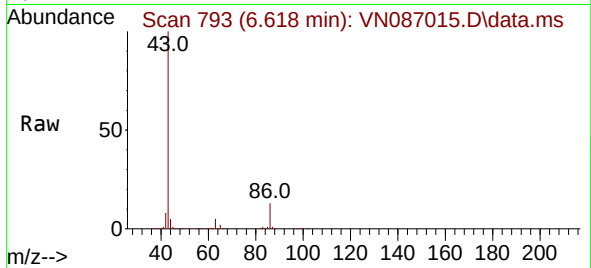




#23  
 Vinyl Acetate  
 Concen: 278.900 ug/l  
 RT: 6.618 min Scan# 793  
 Delta R.T. -0.000 min  
 Lab File: VN087015.D  
 Acq: 13 Jun 2025 20:13

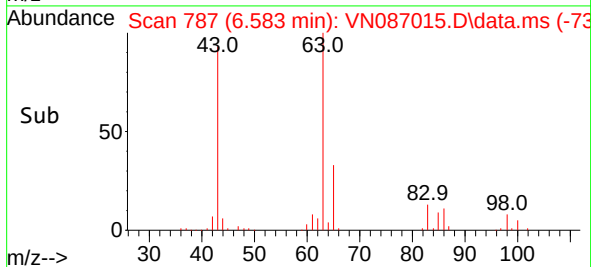
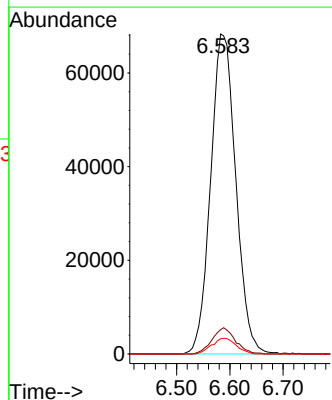
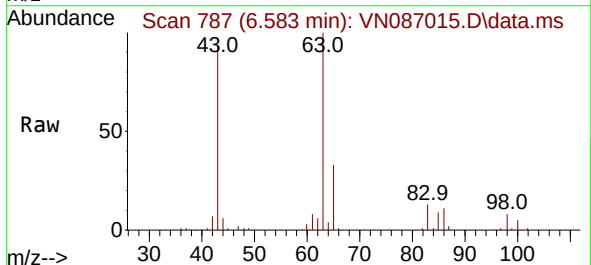
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1623406  
 Ion Ratio Lower Upper  
 43 100  
 86 12.8 9.5 14.3

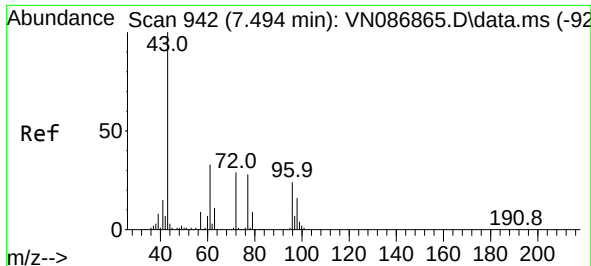


#24  
 1,1-Dichloroethane  
 Concen: 56.425 ug/l  
 RT: 6.583 min Scan# 787  
 Delta R.T. -0.000 min  
 Lab File: VN087015.D  
 Acq: 13 Jun 2025 20:13

Tgt Ion: 63 Resp: 223707  
 Ion Ratio Lower Upper  
 63 100  
 98 7.6 3.6 10.8  
 100 4.8 2.6 7.8



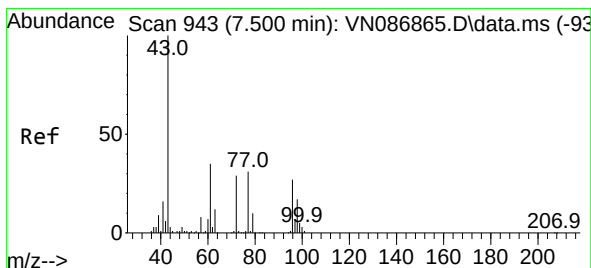
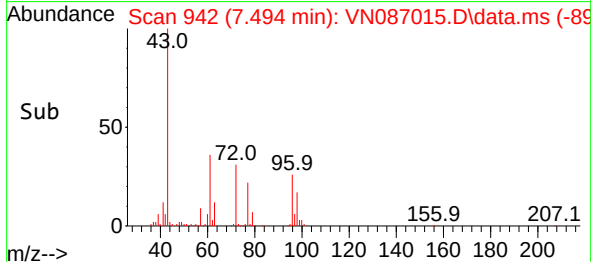
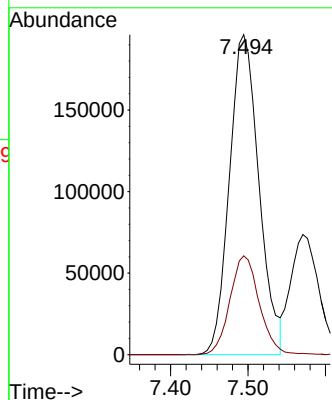
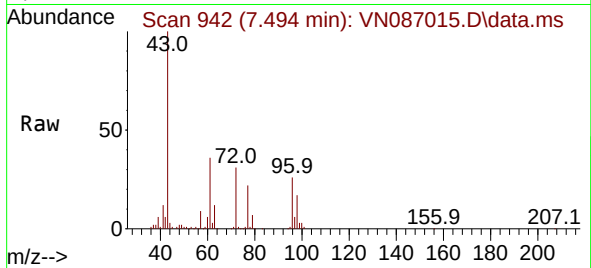




#25  
2-Butanone  
Concen: 255.393 ug/l  
RT: 7.494 min Scan# 942  
Delta R.T. -0.000 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

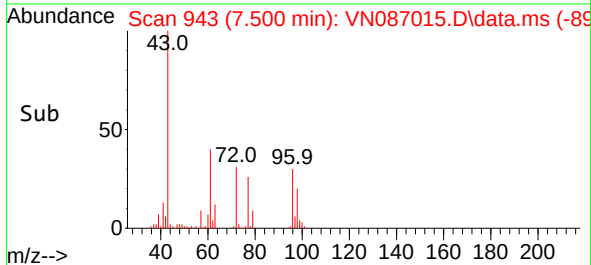
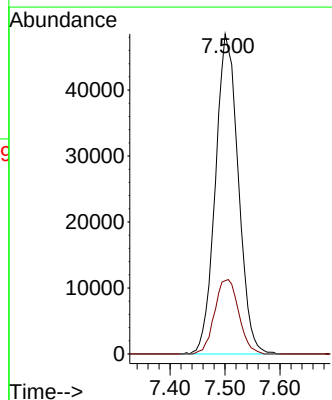
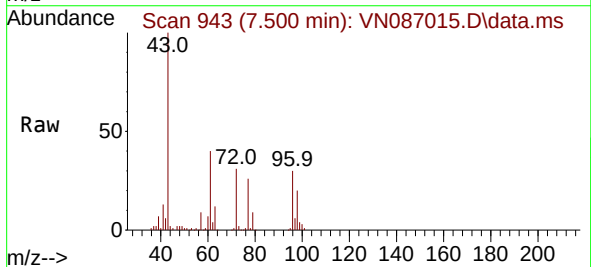
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

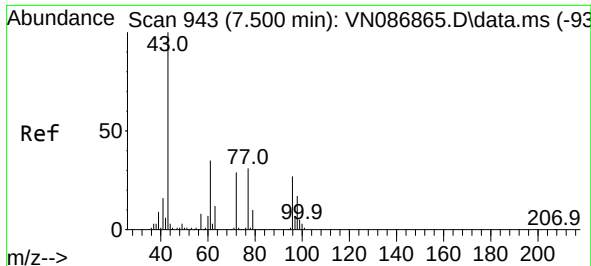
Tgt Ion: 43 Resp: 521890  
Ion Ratio Lower Upper  
43 100  
72 30.9 23.0 34.6



#26  
2,2-Dichloropropane  
Concen: 45.477 ug/l  
RT: 7.500 min Scan# 943  
Delta R.T. -0.000 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

Tgt Ion: 77 Resp: 140253  
Ion Ratio Lower Upper  
77 100  
97 24.5 11.6 34.7

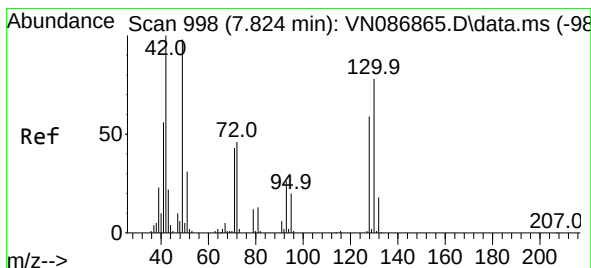
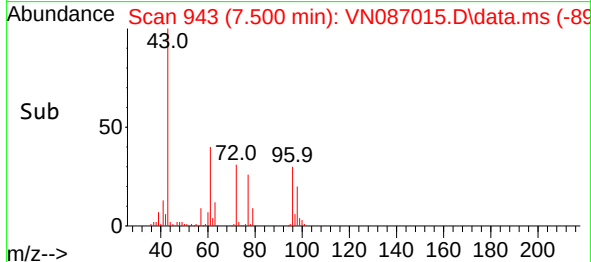
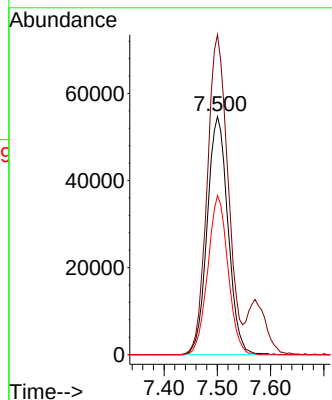
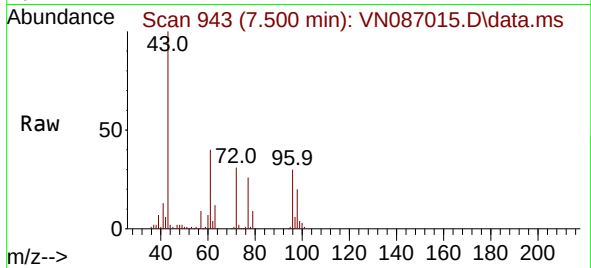




#27  
 cis-1,2-Dichloroethene  
 Concen: 56.434 ug/l  
 RT: 7.500 min Scan# 943  
 Delta R.T. -0.000 min  
 Lab File: VN087015.D  
 Acq: 13 Jun 2025 20:13

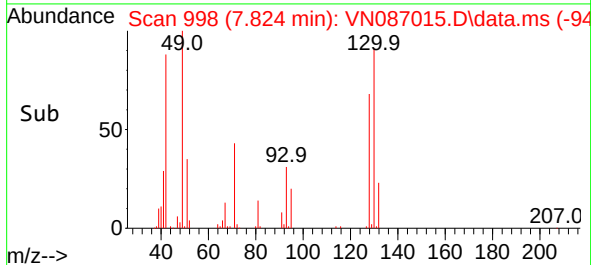
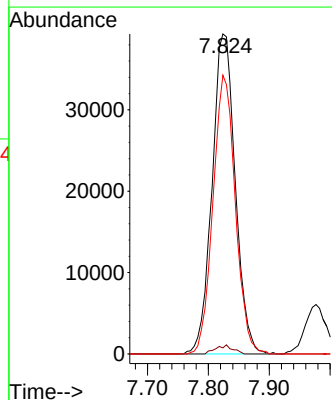
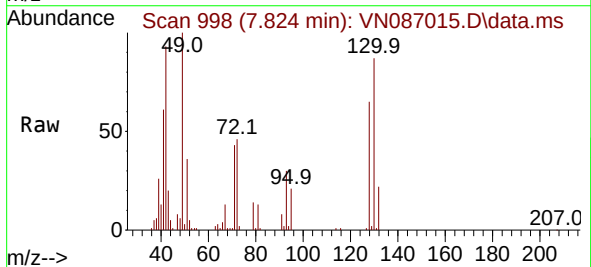
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

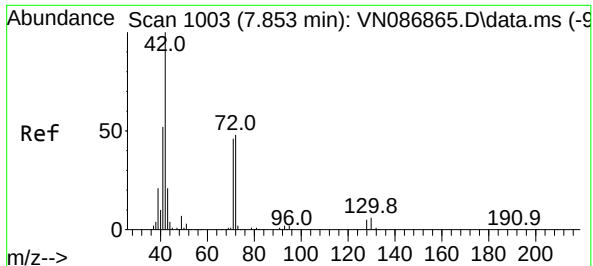
Tgt Ion: 96 Resp: 147981  
 Ion Ratio Lower Upper  
 96 100  
 61 134.6 0.0 278.0  
 98 65.1 0.0 128.2



#28  
 Bromochloromethane  
 Concen: 53.447 ug/l  
 RT: 7.824 min Scan# 998  
 Delta R.T. -0.000 min  
 Lab File: VN087015.D  
 Acq: 13 Jun 2025 20:13

Tgt Ion: 49 Resp: 104187  
 Ion Ratio Lower Upper  
 49 100  
 129 2.1 0.0 3.8  
 130 83.9 62.2 93.2





#29

Tetrahydrofuran

Concen: 259.039 ug/l

RT: 7.847 min Scan# 1003

Delta R.T. -0.006 min

Lab File: VN087015.D

Acq: 13 Jun 2025 20:13

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

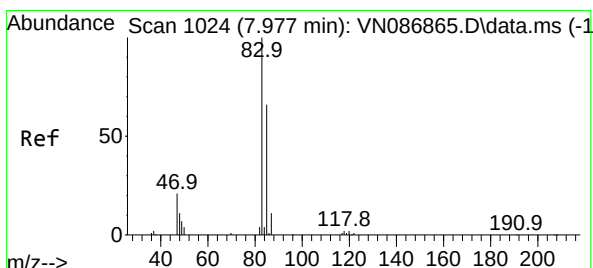
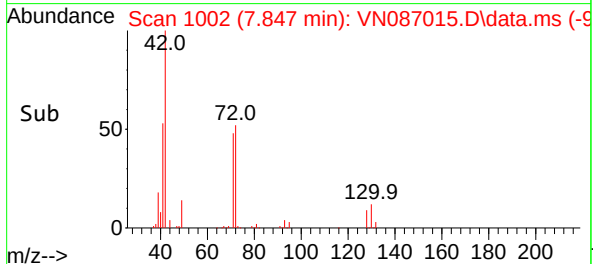
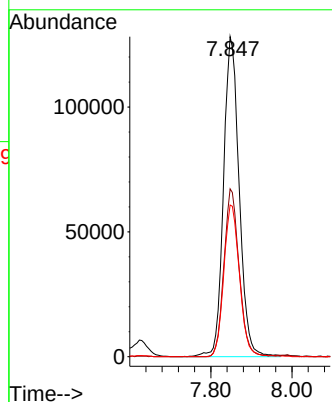
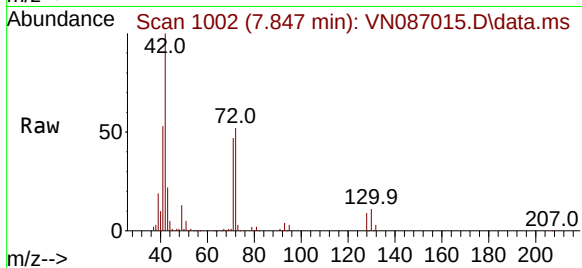
Tgt Ion: 42 Resp: 344827

Ion Ratio Lower Upper

42 100

72 50.8 37.8 56.6

71 47.3 35.6 53.4



#30

Chloroform

Concen: 55.720 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN087015.D

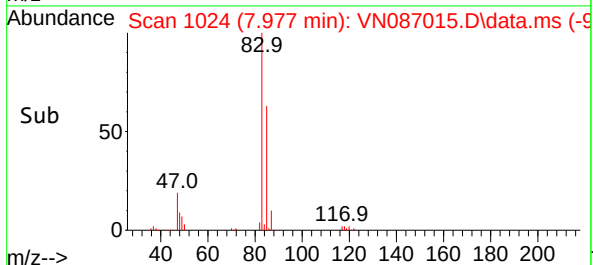
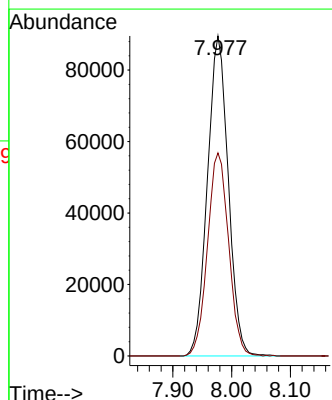
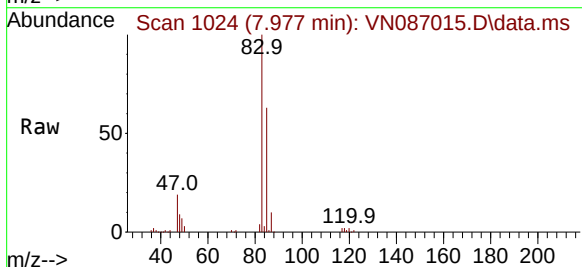
Acq: 13 Jun 2025 20:13

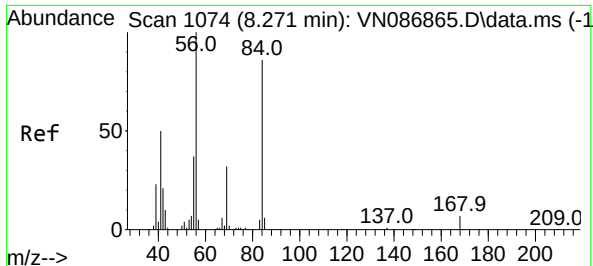
Tgt Ion: 83 Resp: 220616

Ion Ratio Lower Upper

83 100

85 63.5 52.9 79.3

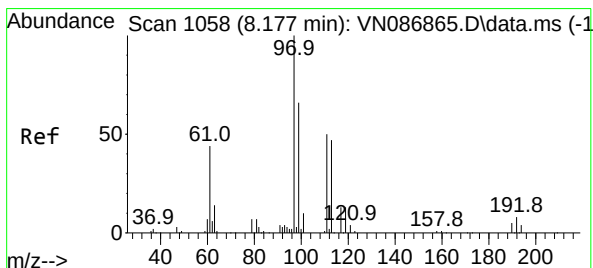
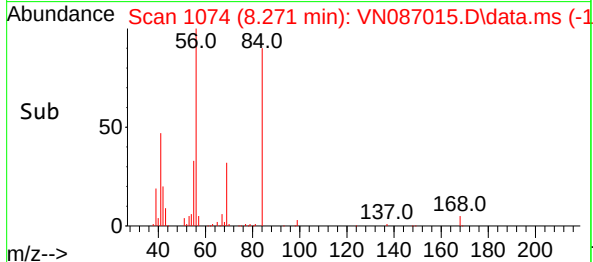
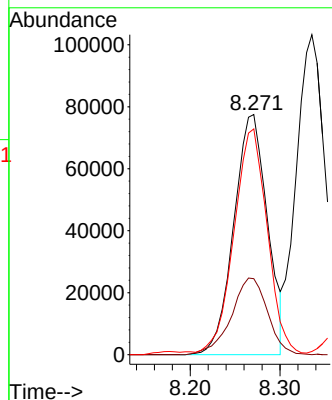
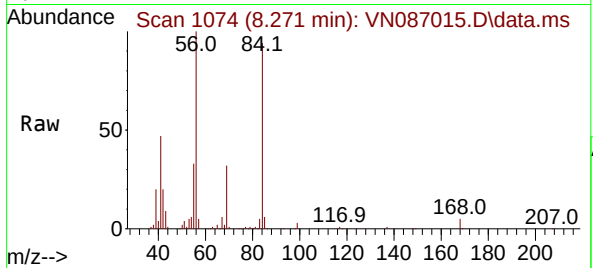




#31  
Cyclohexane  
Concen: 52.445 ug/l  
RT: 8.271 min Scan# 1074  
Delta R.T. -0.000 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

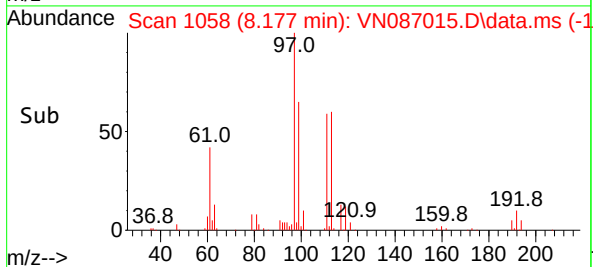
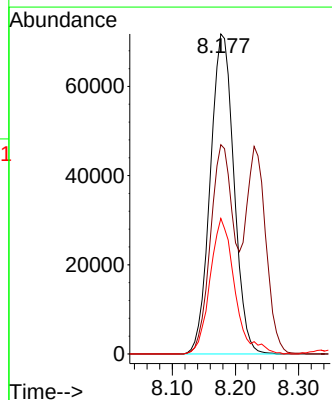
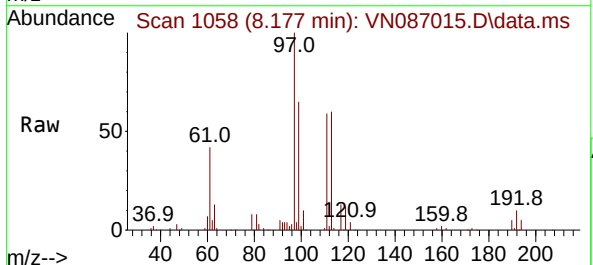
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

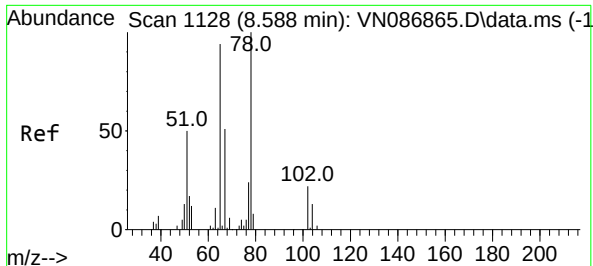
Tgt Ion: 56 Resp: 201646  
Ion Ratio Lower Upper  
56 100  
69 31.6 25.4 38.0  
84 93.0 68.8 103.2



#32  
1,1,1-Trichloroethane  
Concen: 55.388 ug/l  
RT: 8.177 min Scan# 1058  
Delta R.T. -0.000 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

Tgt Ion: 97 Resp: 186520  
Ion Ratio Lower Upper  
97 100  
99 64.7 52.0 78.0  
61 44.2 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 50.832 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN087015.D

Acq: 13 Jun 2025 20:13

Instrument :

MSVOA\_N

ClientSampleId :

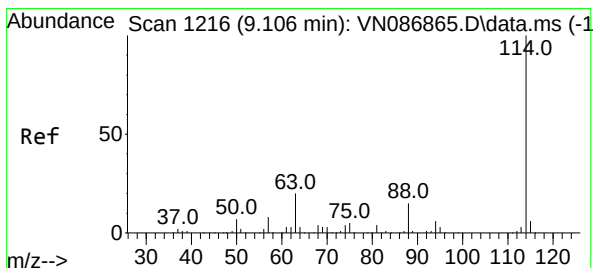
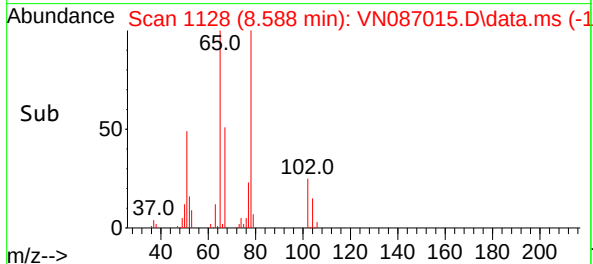
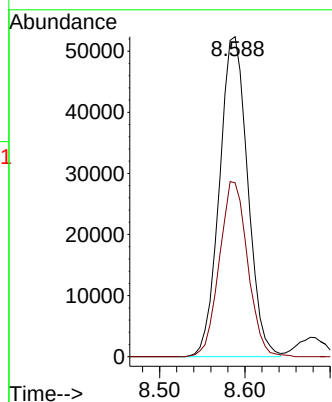
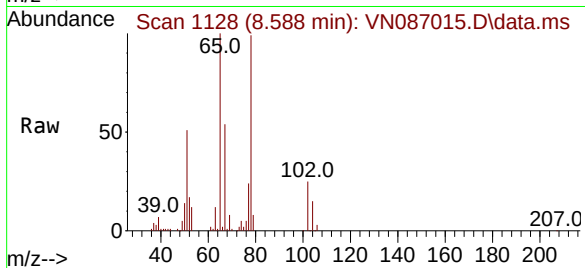
VSTDCCC050EC

Tgt Ion: 65 Resp: 120504

Ion Ratio Lower Upper

65 100

67 54.8 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN087015.D

Acq: 13 Jun 2025 20:13

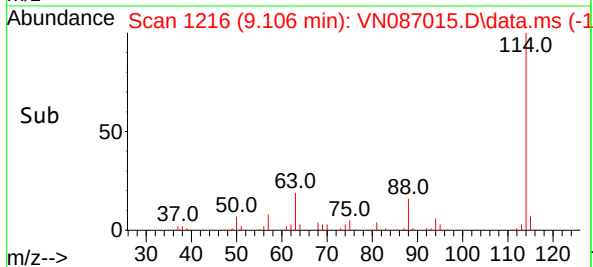
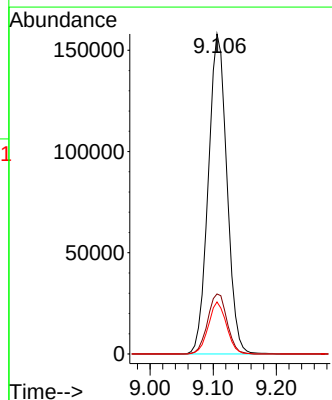
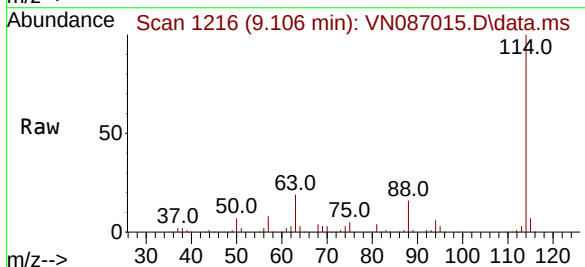
Tgt Ion: 114 Resp: 323664

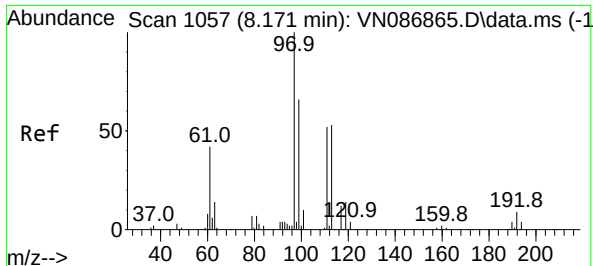
Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.6

88 16.2 0.0 30.2

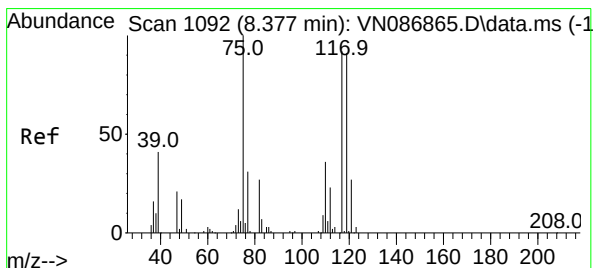
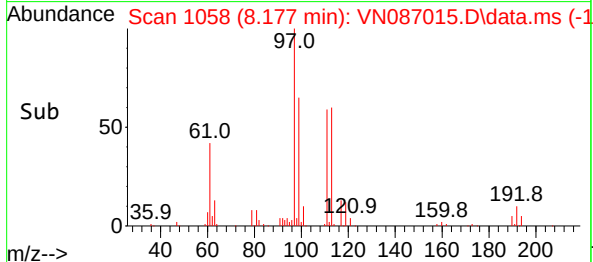
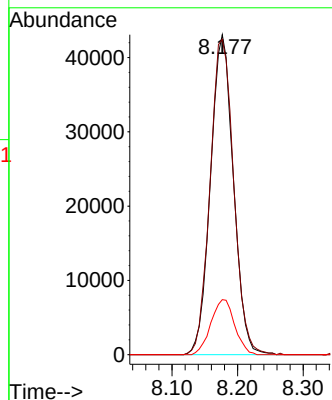
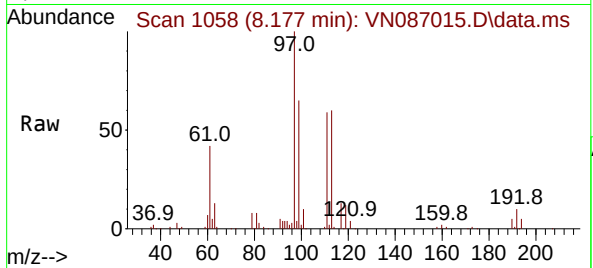




#35  
Dibromofluoromethane  
Concen: 54.504 ug/l  
RT: 8.177 min Scan# 1057  
Delta R.T. 0.006 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

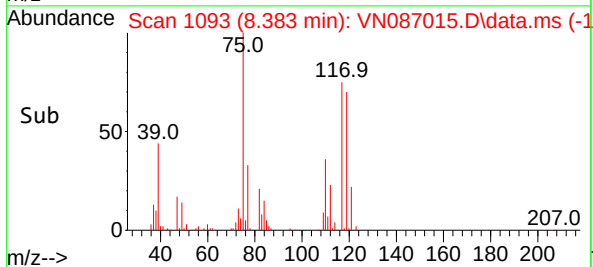
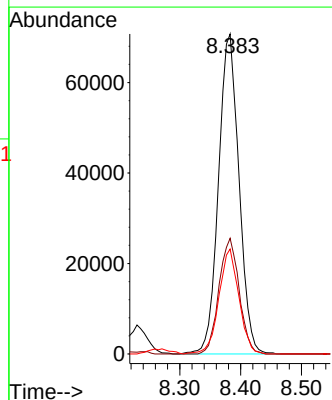
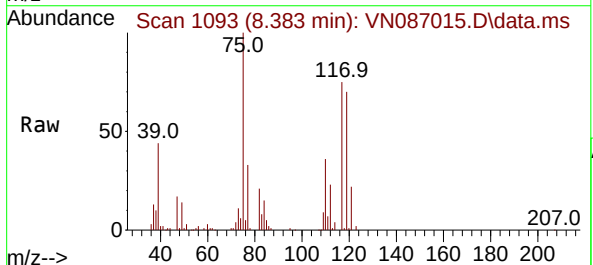
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

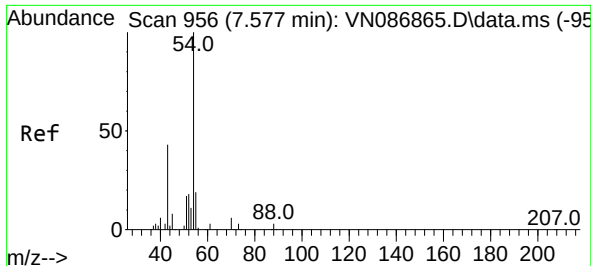
Tgt Ion:113 Resp: 104545  
Ion Ratio Lower Upper  
113 100  
111 101.8 84.2 126.2  
192 17.9 14.2 21.4



#36  
1,1-Dichloropropene  
Concen: 57.829 ug/l  
RT: 8.383 min Scan# 1093  
Delta R.T. 0.006 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

Tgt Ion: 75 Resp: 165286  
Ion Ratio Lower Upper  
75 100  
110 35.6 17.6 52.9  
77 32.1 25.3 37.9

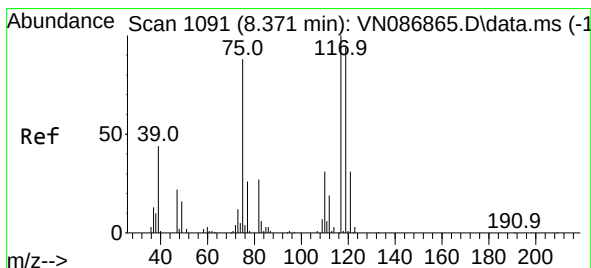
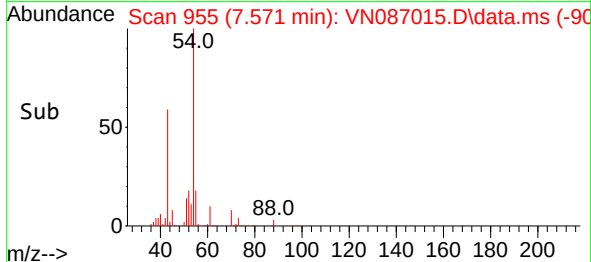
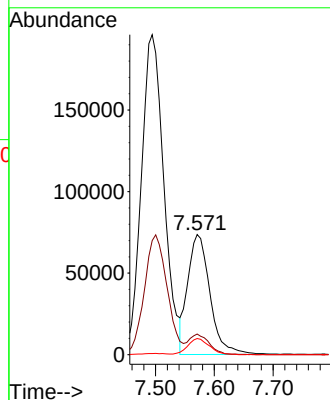
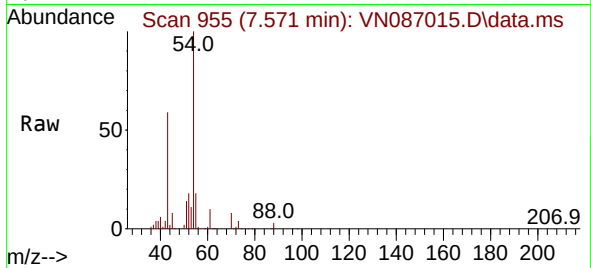




#37  
Ethyl Acetate  
Concen: 52.994 ug/l  
RT: 7.571 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

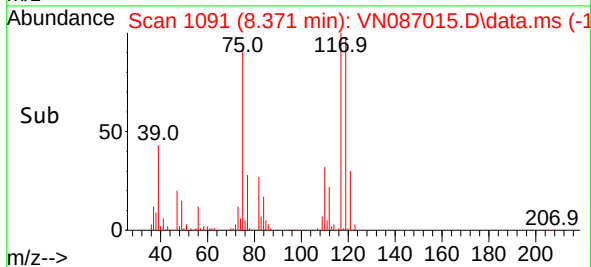
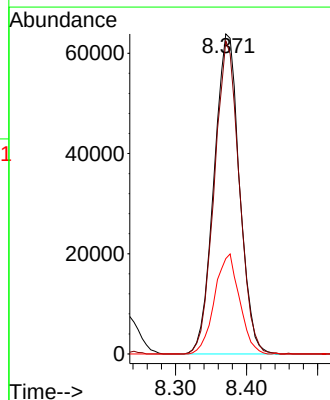
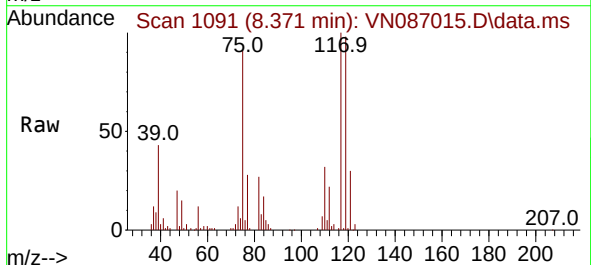
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

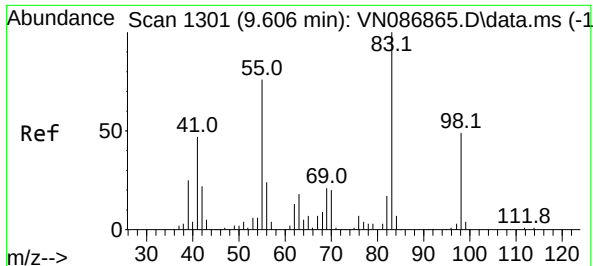
Tgt Ion: 43 Resp: 192815  
Ion Ratio Lower Upper  
43 100  
61 16.0 12.1 18.1  
70 13.1 9.8 14.6



#38  
Carbon Tetrachloride  
Concen: 56.416 ug/l  
RT: 8.371 min Scan# 1091  
Delta R.T. -0.000 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

Tgt Ion: 117 Resp: 158306  
Ion Ratio Lower Upper  
117 100  
119 97.8 75.0 112.6  
121 29.8 24.9 37.3





#39

Methylcyclohexane

Concen: 50.543 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN087015.D

Acq: 13 Jun 2025 20:13

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

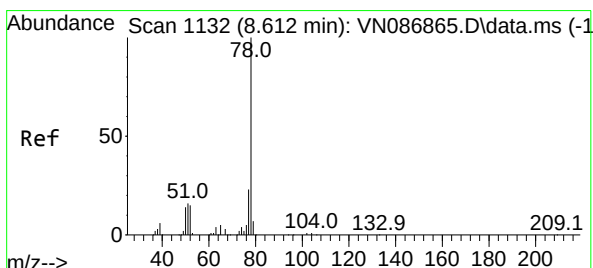
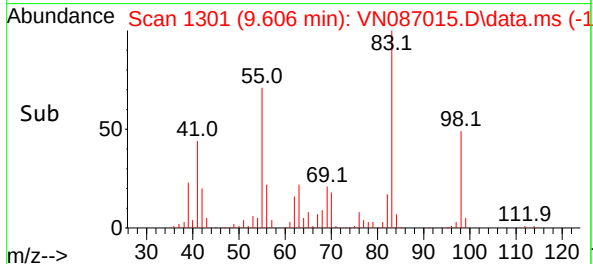
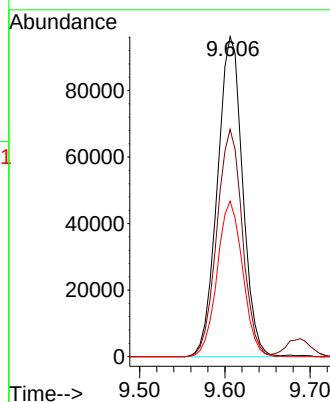
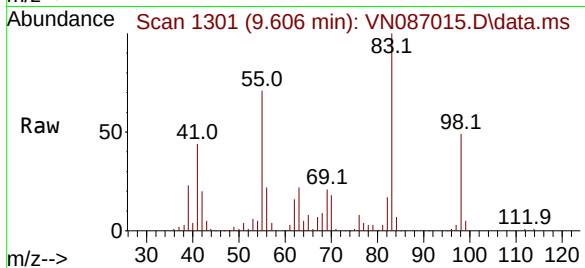
Tgt Ion: 83 Resp: 197918

Ion Ratio Lower Upper

83 100

55 71.0 61.0 91.6

98 48.6 38.9 58.3



#40

Benzene

Concen: 56.727 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN087015.D

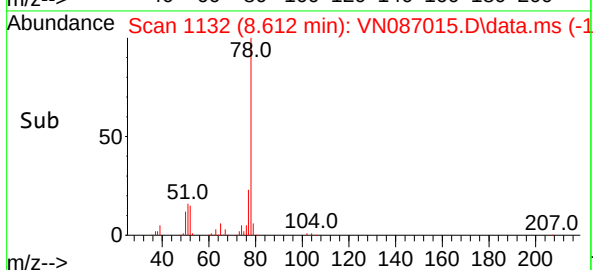
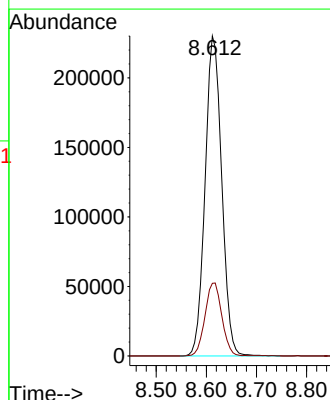
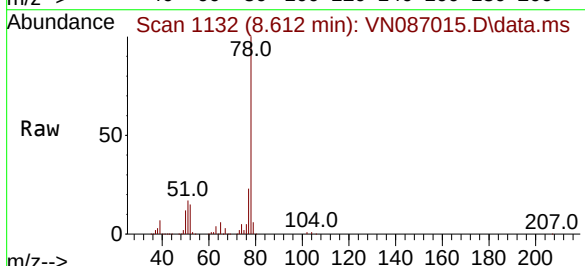
Acq: 13 Jun 2025 20:13

Tgt Ion: 78 Resp: 530188

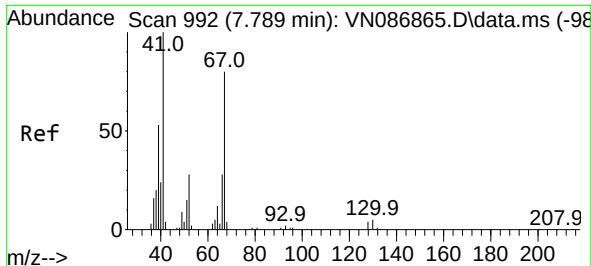
Ion Ratio Lower Upper

78 100

77 22.7 18.7 28.1





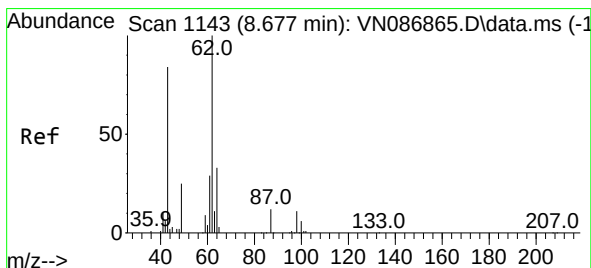
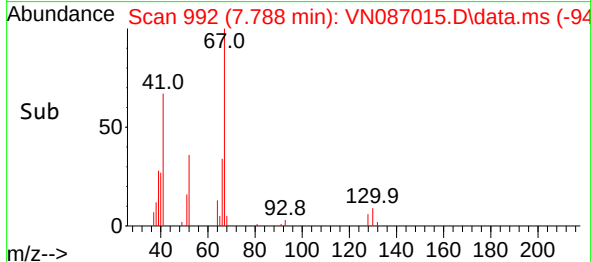
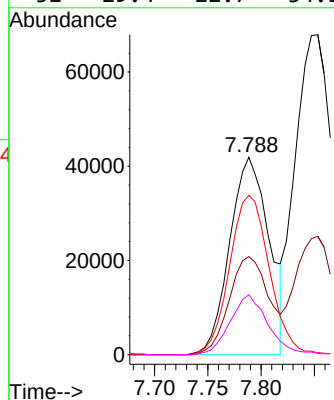
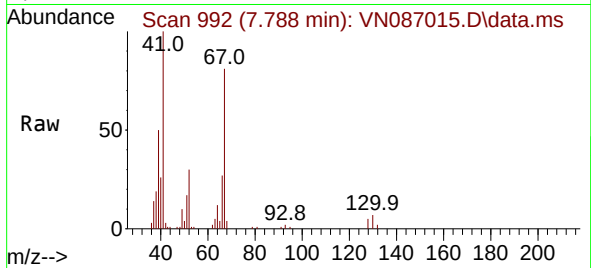


#41  
Methacrylonitrile  
Concen: 52.745 ug/l  
RT: 7.788 min Scan# 992  
Delta R.T. -0.000 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 41 Resp: 107778

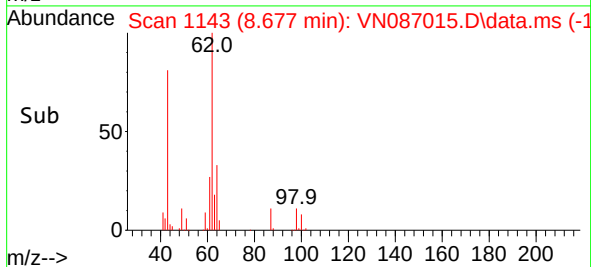
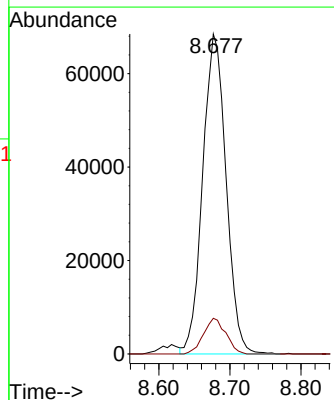
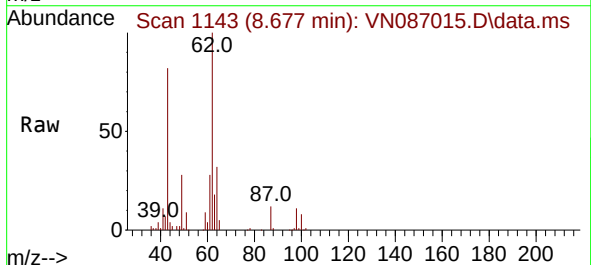
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 50.0  | 41.2  | 61.8  |
| 67  | 81.6  | 61.4  | 92.2  |
| 52  | 29.4  | 22.7  | 34.1  |

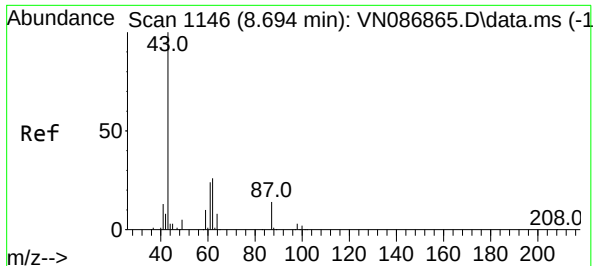


#42  
1,2-Dichloroethane  
Concen: 55.319 ug/l  
RT: 8.677 min Scan# 1143  
Delta R.T. -0.000 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

Tgt Ion: 62 Resp: 156821

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 10.6  | 0.0   | 21.2  |

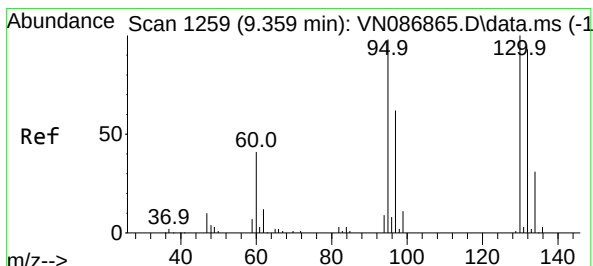
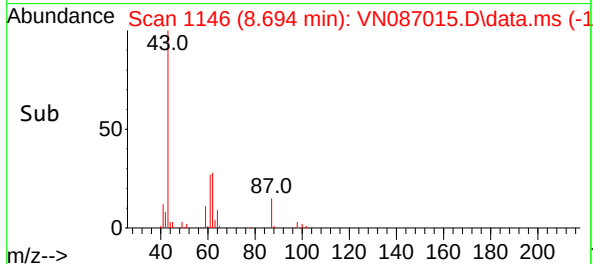
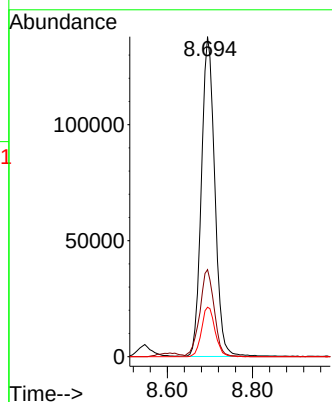
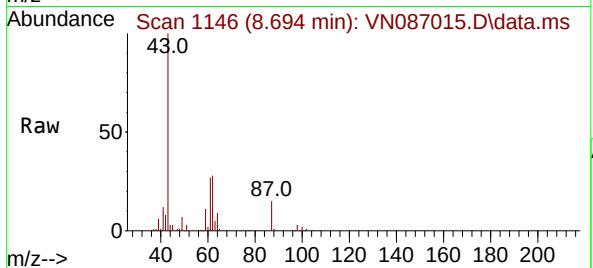




#43  
Isopropyl Acetate  
Concen: 51.413 ug/l  
RT: 8.694 min Scan# 1146  
Delta R.T. -0.000 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

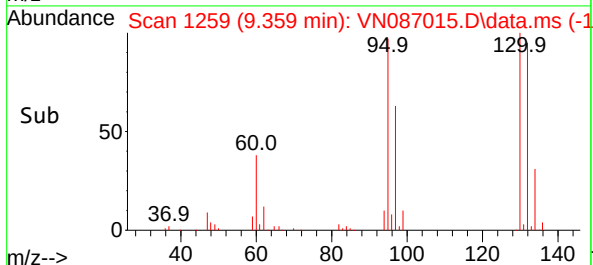
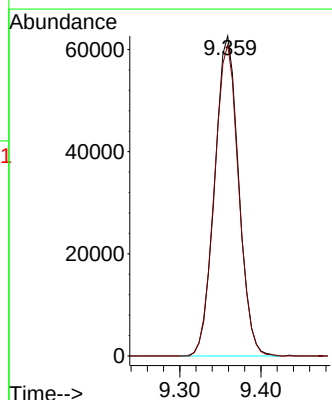
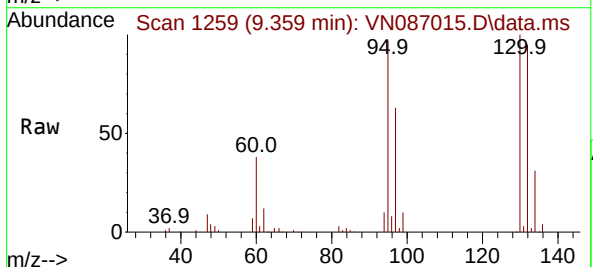
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

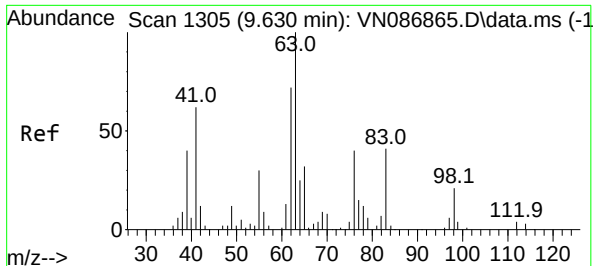
Tgt Ion: 43 Resp: 300238  
Ion Ratio Lower Upper  
43 100  
61 29.3 22.1 33.1  
87 15.7 11.8 17.6



#44  
Trichloroethene  
Concen: 58.013 ug/l  
RT: 9.359 min Scan# 1259  
Delta R.T. -0.000 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

Tgt Ion:130 Resp: 128567  
Ion Ratio Lower Upper  
130 100  
95 97.2 0.0 196.2





#45

1,2-Dichloropropane

Concen: 56.539 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.006 min

Lab File: VN087015.D

Acq: 13 Jun 2025 20:13

Instrument :

MSVOA\_N

ClientSampleId :

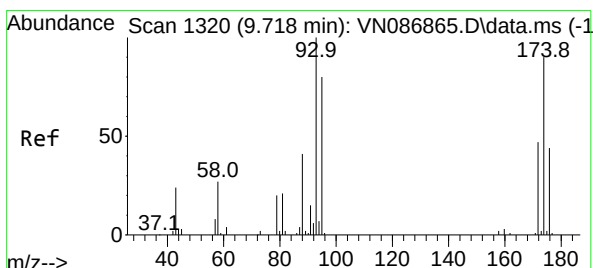
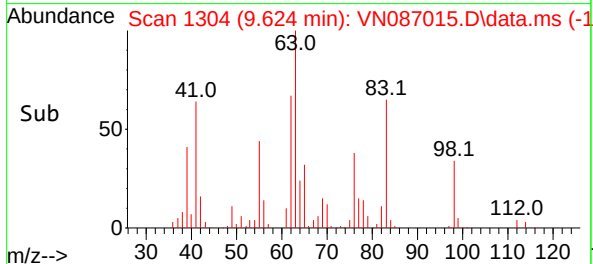
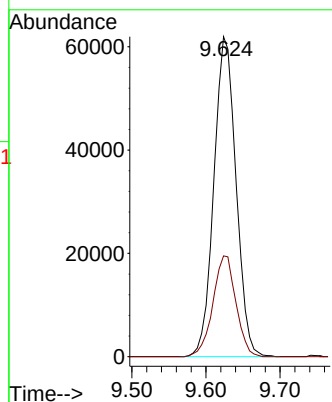
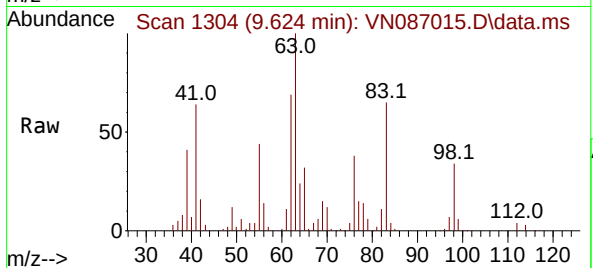
VSTDCCC050EC

Tgt Ion: 63 Resp: 128559

Ion Ratio Lower Upper

63 100

65 31.5 25.5 38.3



#46

Dibromomethane

Concen: 57.352 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN087015.D

Acq: 13 Jun 2025 20:13

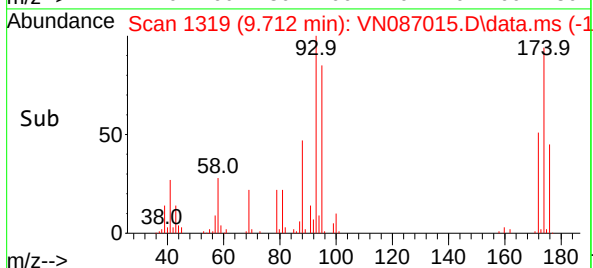
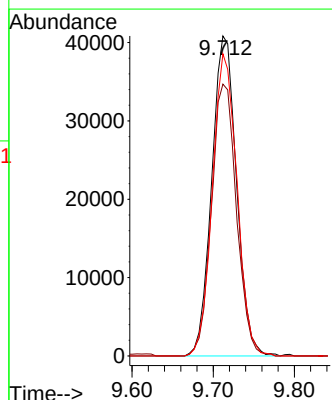
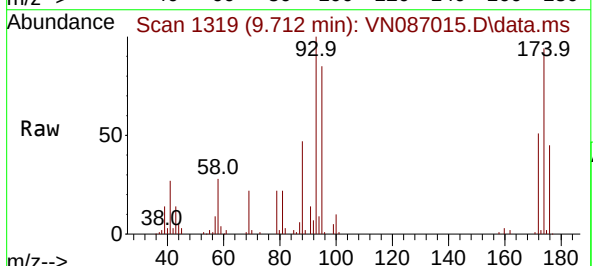
Tgt Ion: 93 Resp: 86619

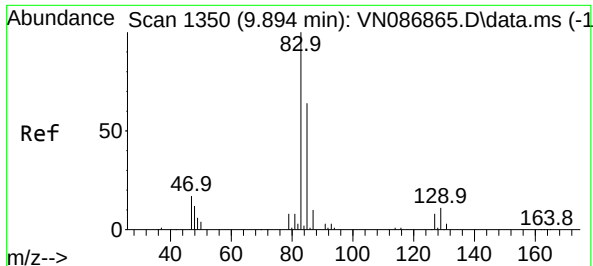
Ion Ratio Lower Upper

93 100

95 85.8 67.1 100.7

174 93.7 74.2 111.4

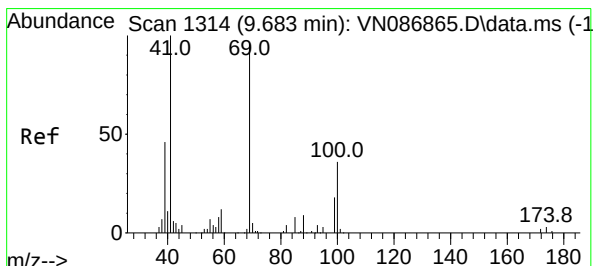
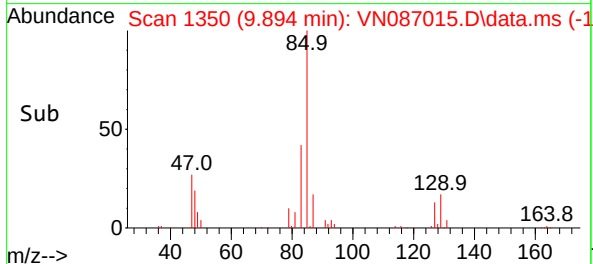
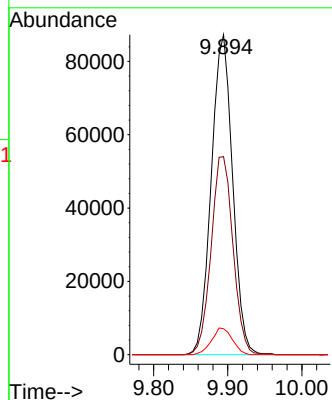
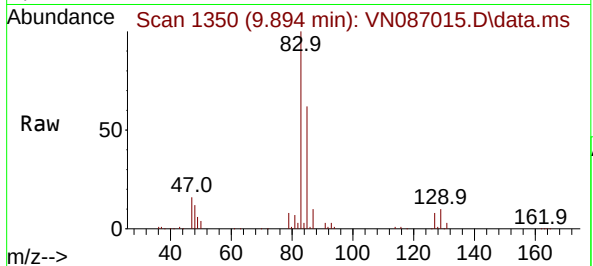




#47  
Bromodichloromethane  
Concen: 56.051 ug/l  
RT: 9.894 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

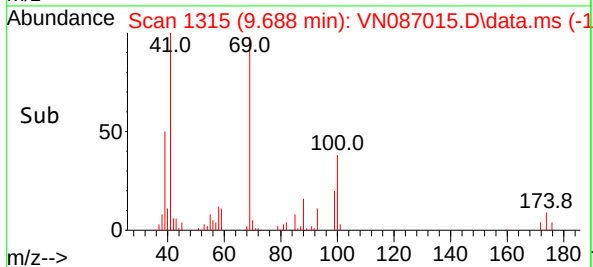
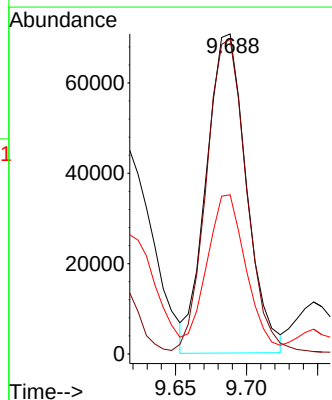
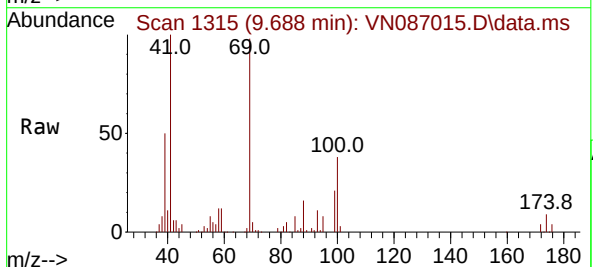
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

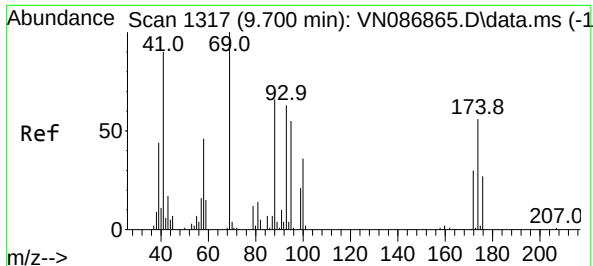
Tgt Ion: 83 Resp: 174176  
Ion Ratio Lower Upper  
83 100  
85 61.9 50.9 76.3  
127 8.1 6.6 10.0



#48  
Methyl methacrylate  
Concen: 51.701 ug/l  
RT: 9.688 min Scan# 1315  
Delta R.T. 0.006 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

Tgt Ion: 41 Resp: 138963  
Ion Ratio Lower Upper  
41 100  
69 98.4 74.6 112.0  
39 49.4 40.2 60.4





#49

1,4-Dioxane

Concen: 1080.544 ug/l

RT: 9.706 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN087015.D

Acq: 13 Jun 2025 20:13

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

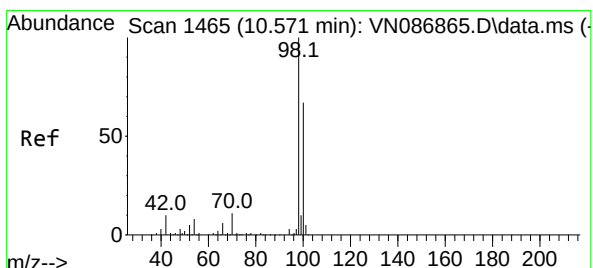
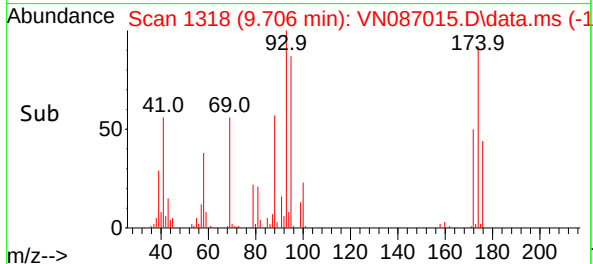
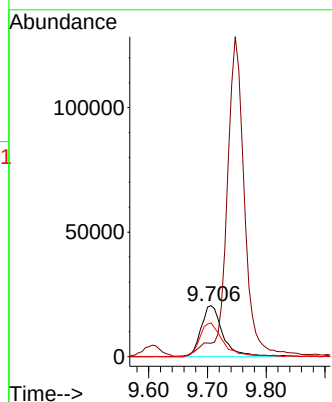
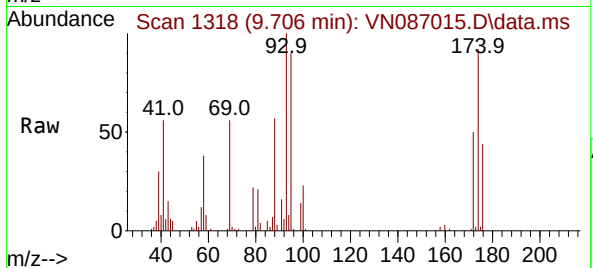
Tgt Ion: 88 Resp: 52836

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 70.6 57.7 86.5



#50

Toluene-d8

Concen: 51.025 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN087015.D

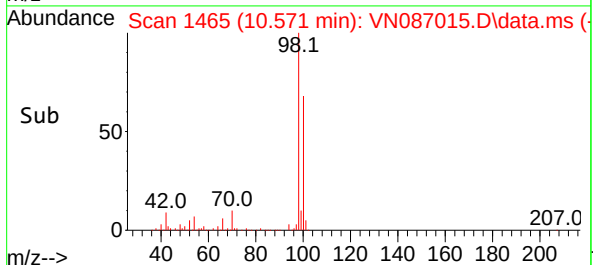
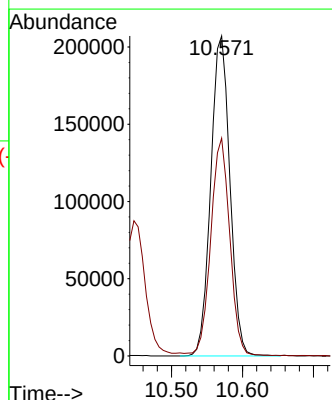
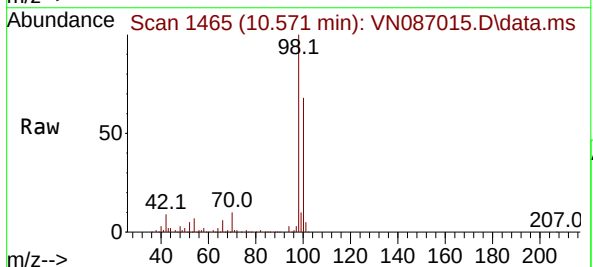
Acq: 13 Jun 2025 20:13

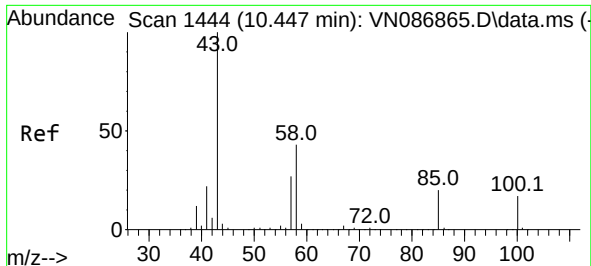
Tgt Ion: 98 Resp: 387445

Ion Ratio Lower Upper

98 100

100 67.5 53.4 80.0

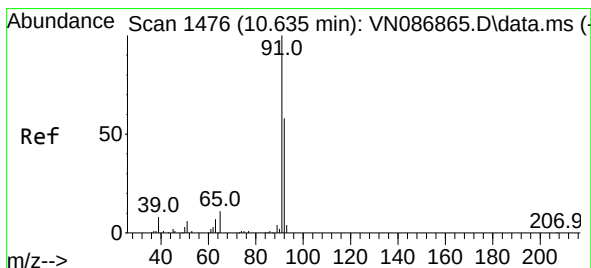
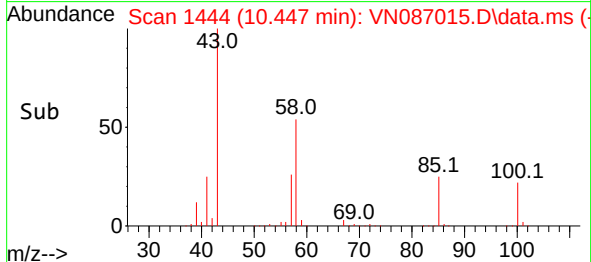
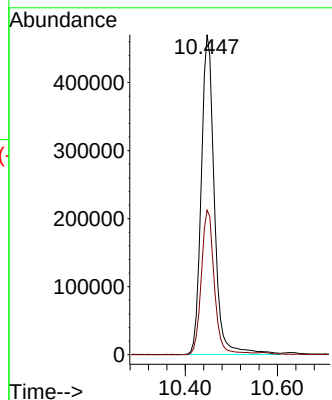
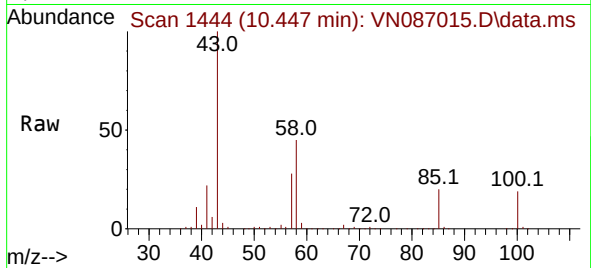




#51  
4-Methyl-2-Pentanone  
Concen: 266.296 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. -0.000 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

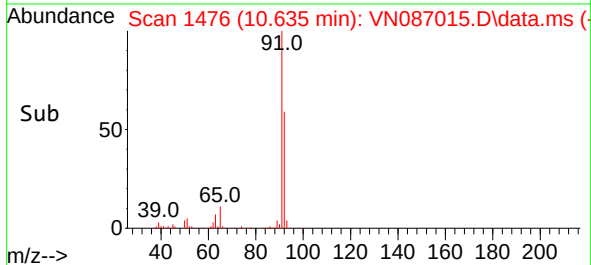
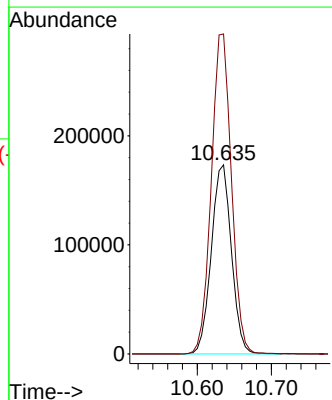
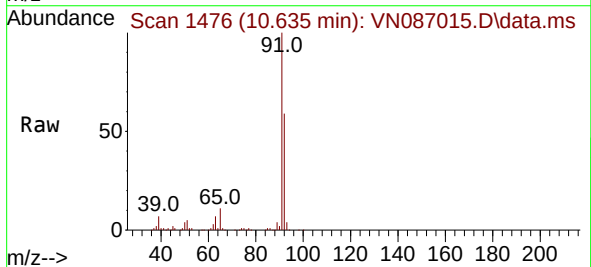
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

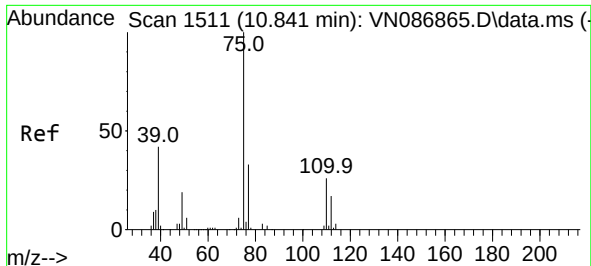
Tgt Ion: 43 Resp: 936186  
Ion Ratio Lower Upper  
43 100  
58 44.8 34.2 51.4



#52  
Toluene  
Concen: 57.220 ug/l  
RT: 10.635 min Scan# 1476  
Delta R.T. -0.000 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

Tgt Ion: 92 Resp: 326827  
Ion Ratio Lower Upper  
92 100  
91 169.4 136.5 204.7

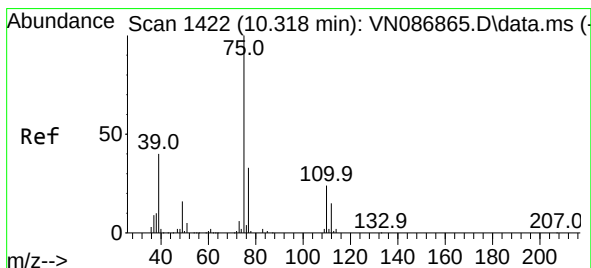
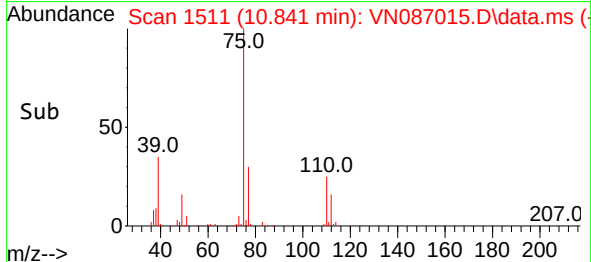
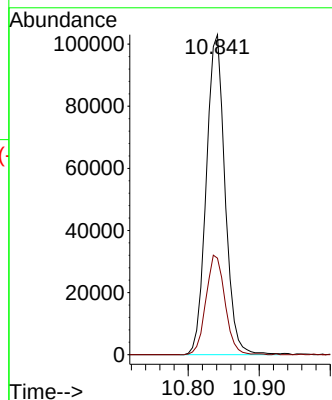
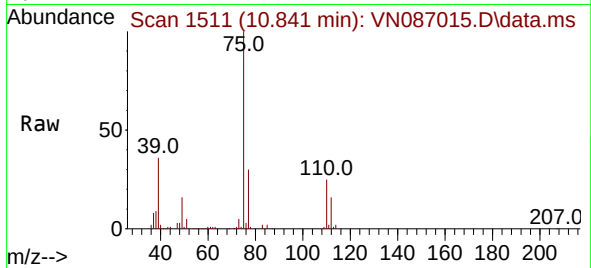




#53  
t-1,3-Dichloropropene  
Concen: 54.355 ug/l  
RT: 10.841 min Scan# 1511  
Delta R.T. -0.000 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

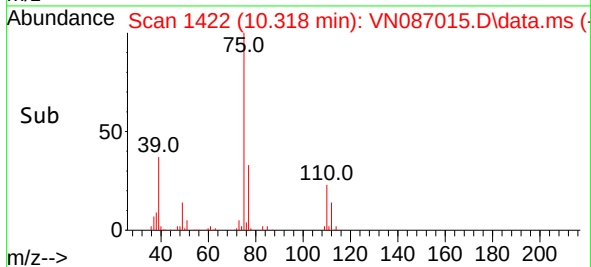
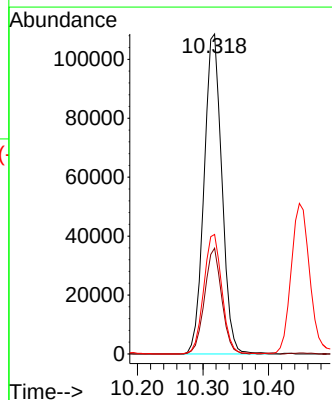
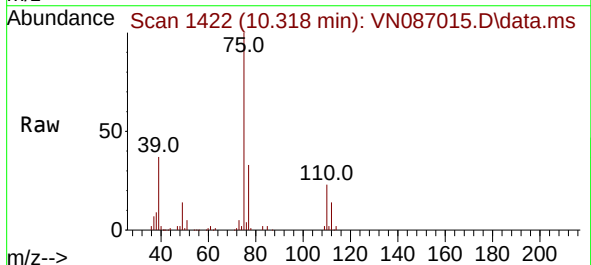
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

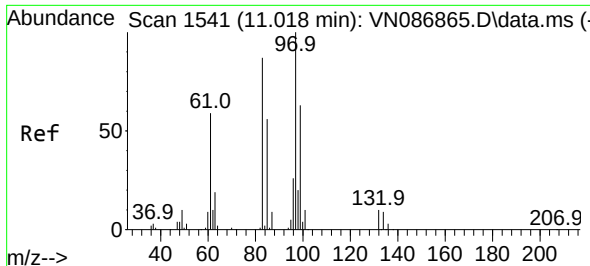
Tgt Ion: 75 Resp: 188870  
Ion Ratio Lower Upper  
75 100  
77 30.2 26.4 39.6



#54  
cis-1,3-Dichloropropene  
Concen: 55.209 ug/l  
RT: 10.318 min Scan# 1422  
Delta R.T. -0.000 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

Tgt Ion: 75 Resp: 205259  
Ion Ratio Lower Upper  
75 100  
77 33.0 26.2 39.4  
39 37.3 32.3 48.5

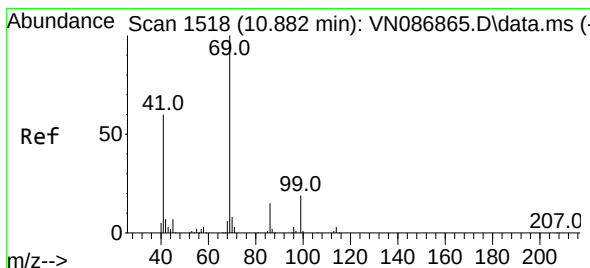
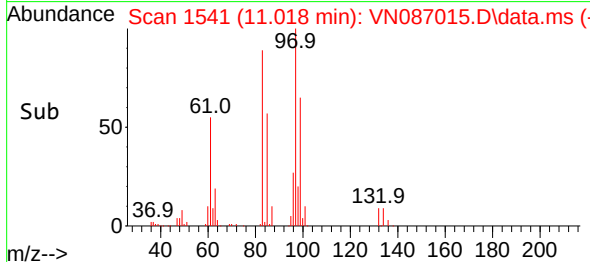
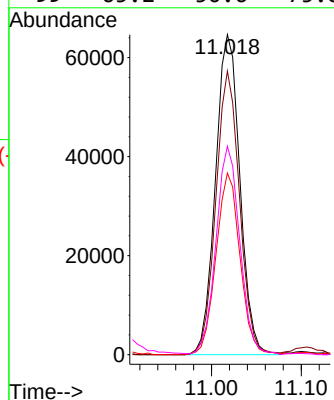
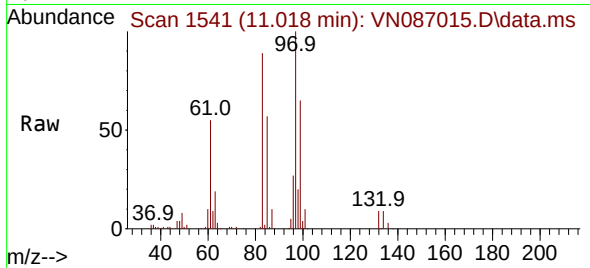




#55  
1,1,2-Trichloroethane  
Concen: 55.567 ug/l  
RT: 11.018 min Scan# 1541  
Delta R.T. -0.000 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

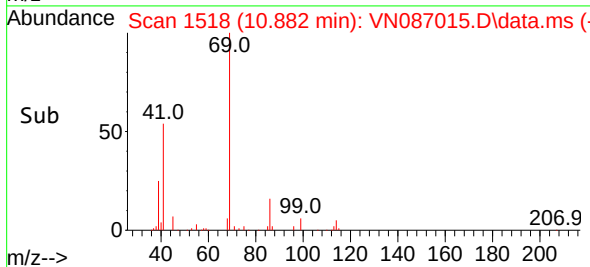
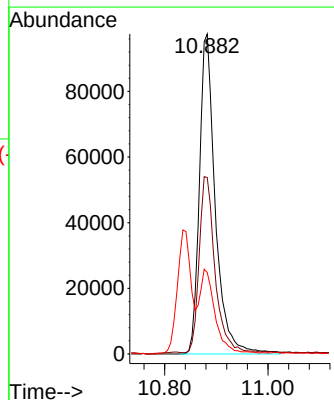
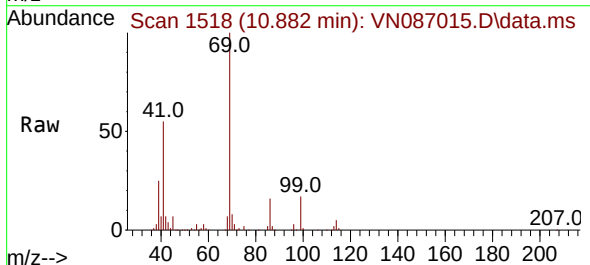
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 122125 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 88.6  | 69.7  | 104.5  |
| 85       | 56.7  | 45.1  | 67.7   |
| 99       | 65.2  | 50.6  | 75.8   |

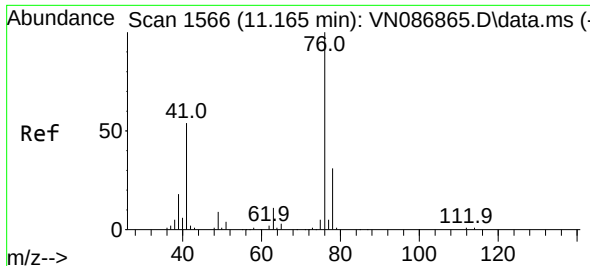


#56  
Ethyl methacrylate  
Concen: 59.518 ug/l  
RT: 10.882 min Scan# 1518  
Delta R.T. -0.000 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 208346 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 54.9  | 47.2  | 70.8   |
| 39       | 25.6  | 23.0  | 34.6   |







#57

1,3-Dichloropropane

Concen: 56.341 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN087015.D

Acq: 13 Jun 2025 20:13

Instrument :

MSVOA\_N

ClientSampleId :

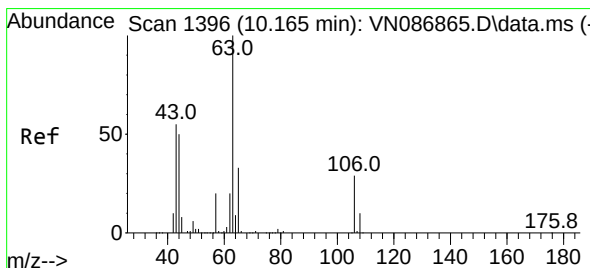
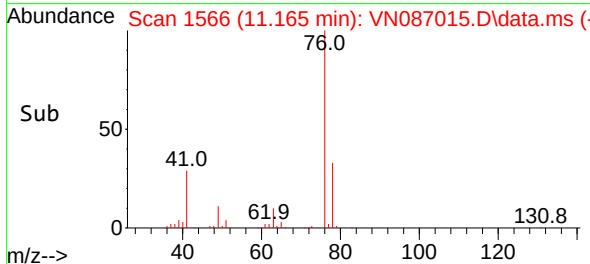
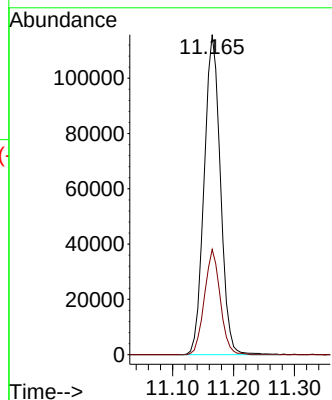
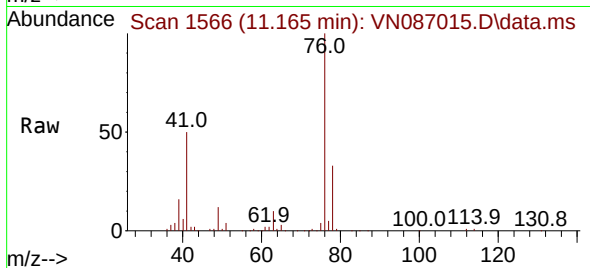
VSTDCCC050EC

Tgt Ion: 76 Resp: 214803

Ion Ratio Lower Upper

76 100

78 31.9 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 278.815 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN087015.D

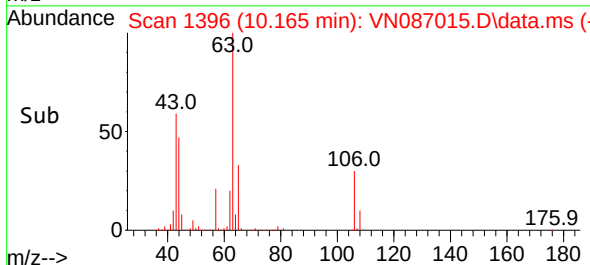
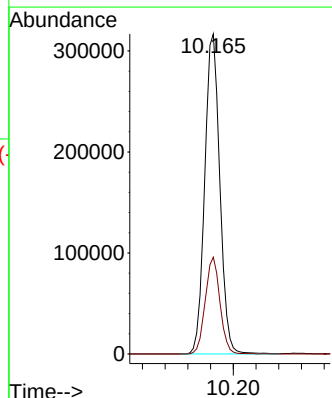
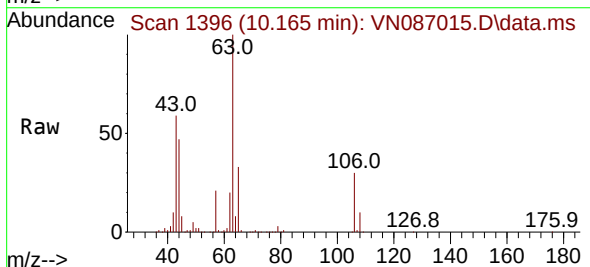
Acq: 13 Jun 2025 20:13

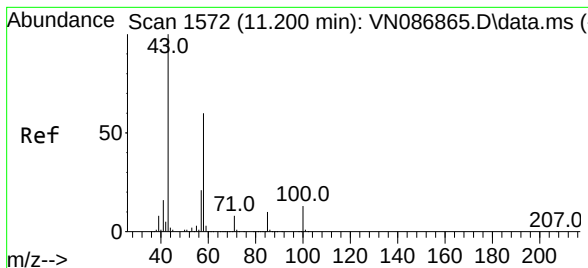
Tgt Ion: 63 Resp: 582139

Ion Ratio Lower Upper

63 100

106 29.5 23.0 34.6

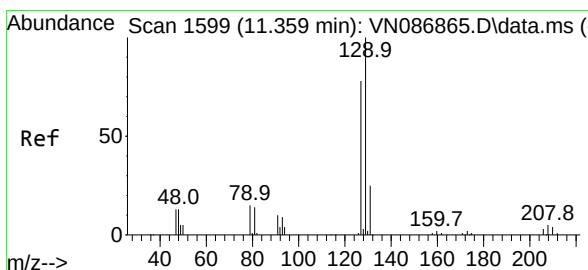
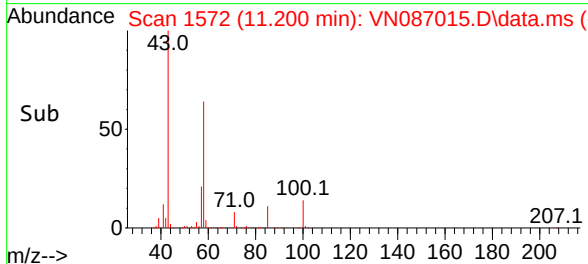
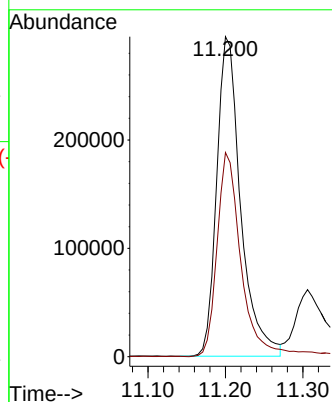
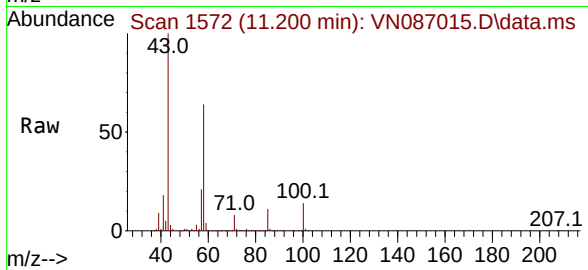




#59  
2-Hexanone  
Concen: 279.908 ug/l  
RT: 11.200 min Scan# 1572  
Delta R.T. -0.000 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

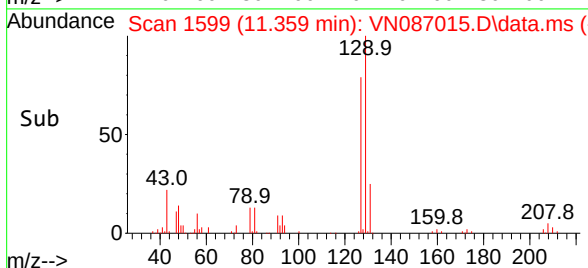
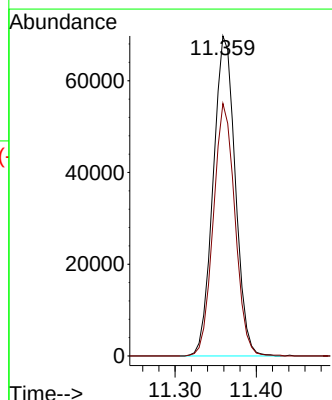
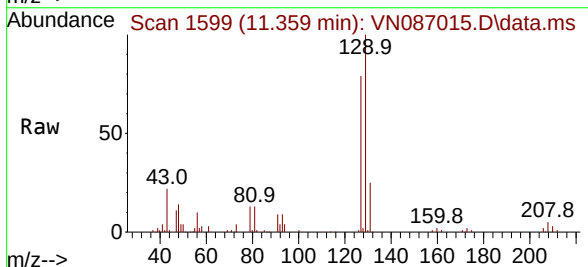
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

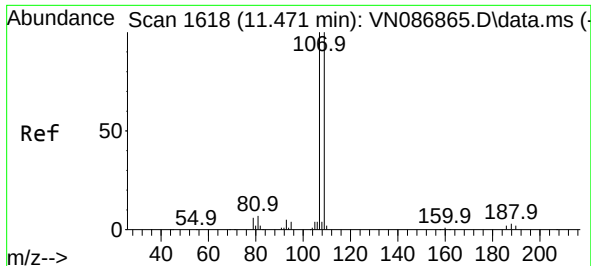
Tgt Ion: 43 Resp: 633853  
Ion Ratio Lower Upper  
43 100  
58 66.1 30.4 91.3



#60  
Dibromochloromethane  
Concen: 57.629 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. -0.000 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

Tgt Ion: 129 Resp: 131961  
Ion Ratio Lower Upper  
129 100  
127 77.1 38.6 115.8

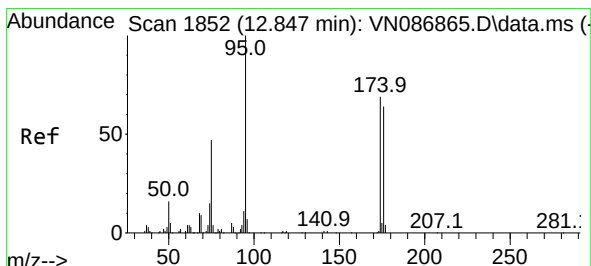
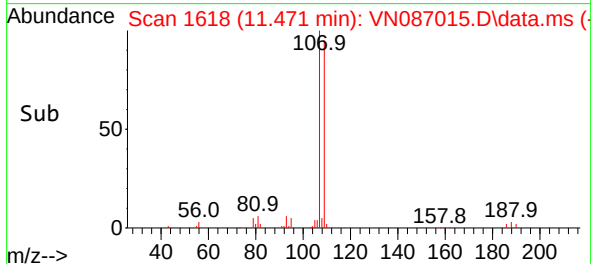
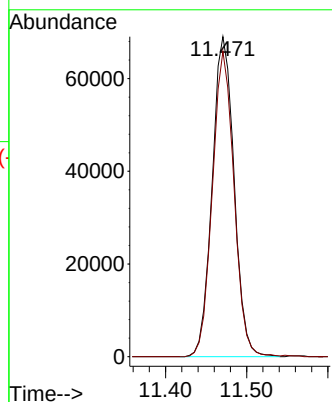
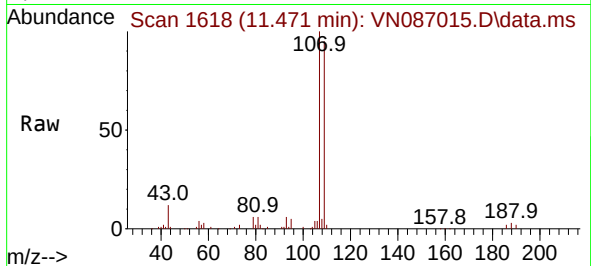




#61  
1,2-Dibromoethane  
Concen: 57.456 ug/l  
RT: 11.471 min Scan# 1618  
Delta R.T. -0.000 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

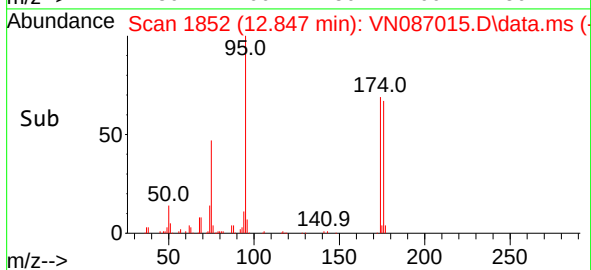
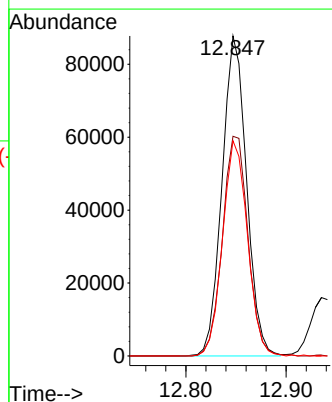
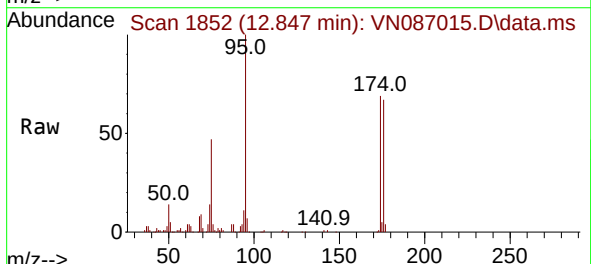
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

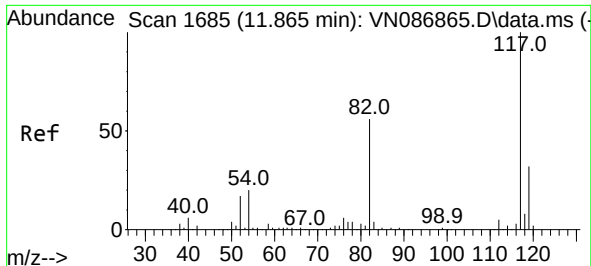
Tgt Ion:107 Resp: 129432  
Ion Ratio Lower Upper  
107 100  
109 94.1 76.3 114.5



#62  
4-Bromofluorobenzene  
Concen: 52.808 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

Tgt Ion: 95 Resp: 148979  
Ion Ratio Lower Upper  
95 100  
174 71.6 0.0 141.8  
176 68.4 0.0 132.6

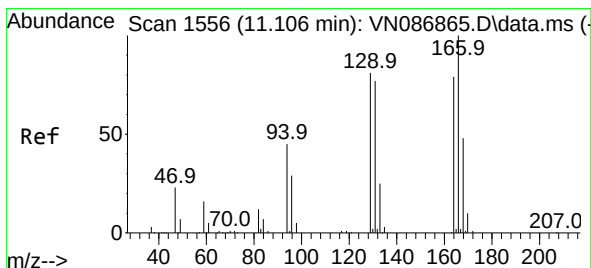
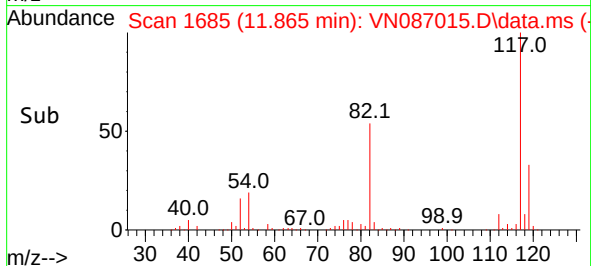
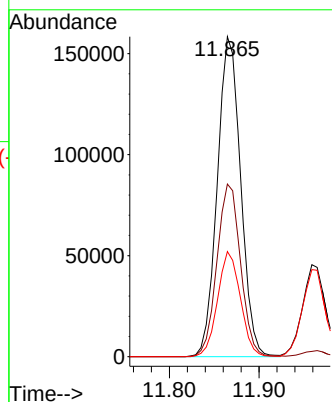
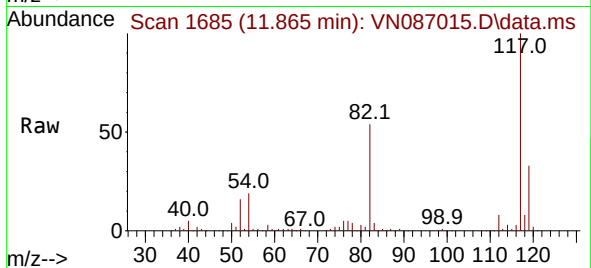




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

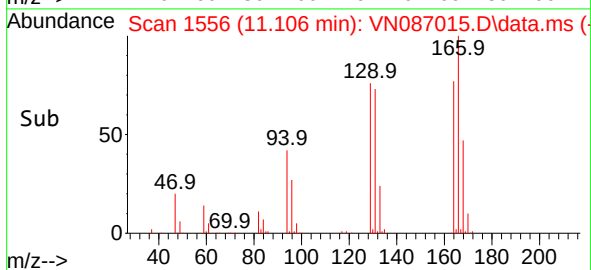
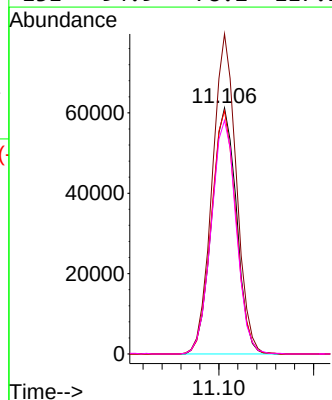
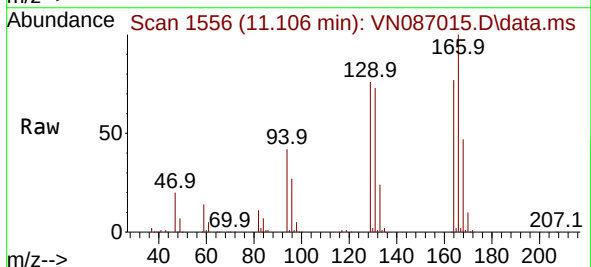
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

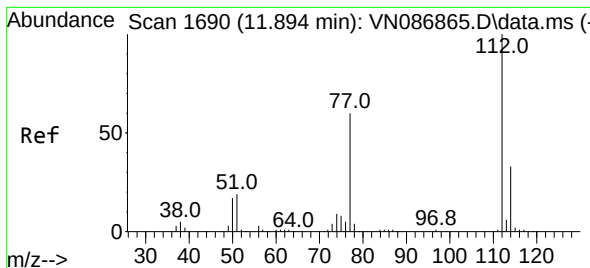
Tgt Ion:117 Resp: 286714  
Ion Ratio Lower Upper  
117 100  
82 53.9 44.6 67.0  
119 32.8 25.5 38.3



#64  
Tetrachloroethene  
Concen: 61.148 ug/l  
RT: 11.106 min Scan# 1556  
Delta R.T. -0.000 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

Tgt Ion:164 Resp: 110954  
Ion Ratio Lower Upper  
164 100  
166 130.1 101.8 152.8  
129 98.8 83.0 124.4  
131 94.9 78.2 117.2





#65

Chlorobenzene

Concen: 55.910 ug/l

RT: 11.894 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087015.D

Acq: 13 Jun 2025 20:13

Instrument :

MSVOA\_N

ClientSampleId :

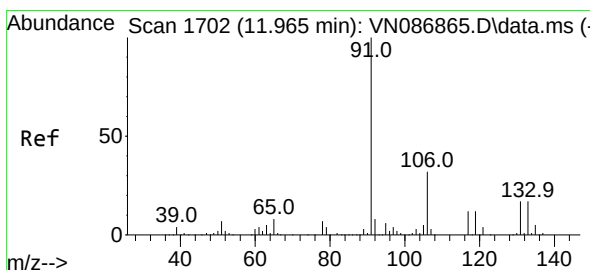
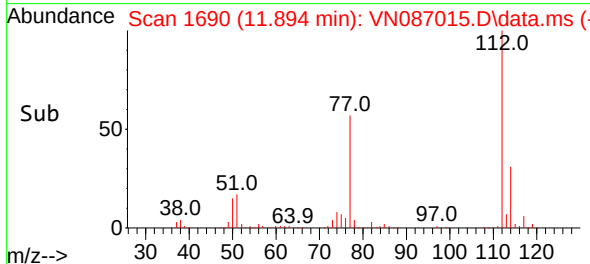
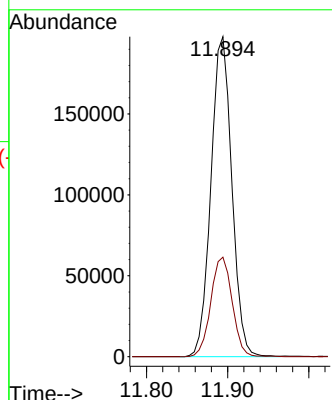
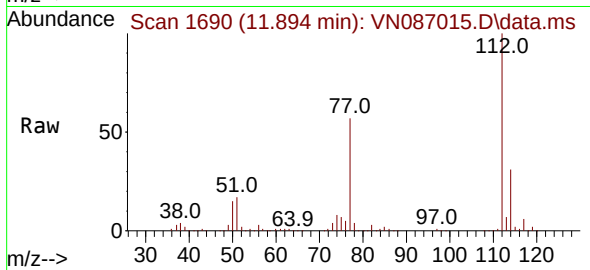
VSTDCCC050EC

Tgt Ion:112 Resp: 353548

Ion Ratio Lower Upper

112 100

114 31.1 26.2 39.2



#66

1,1,1,2-Tetrachloroethane

Concen: 55.207 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.006 min

Lab File: VN087015.D

Acq: 13 Jun 2025 20:13

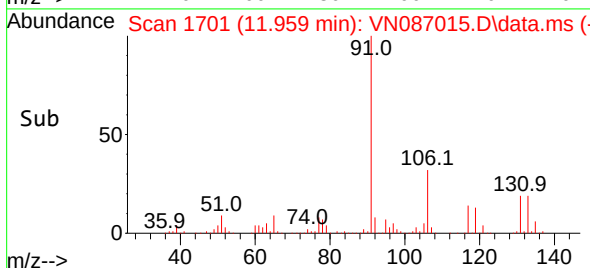
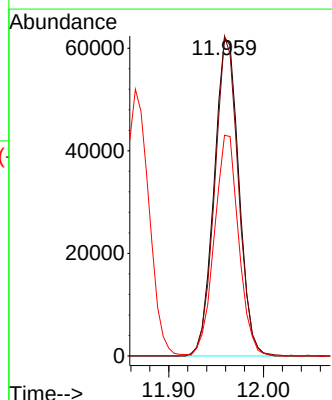
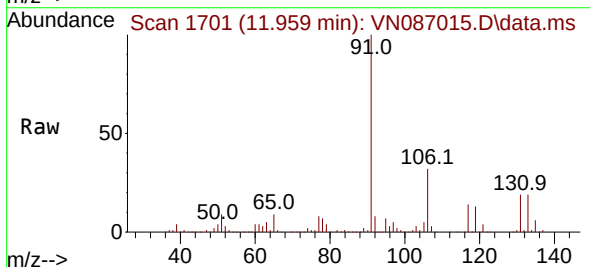
Tgt Ion:131 Resp: 112219

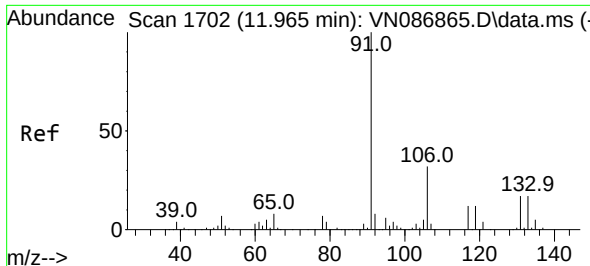
Ion Ratio Lower Upper

131 100

133 96.3 48.3 144.8

119 68.5 34.0 101.8

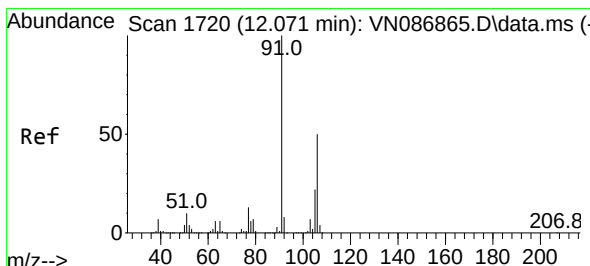
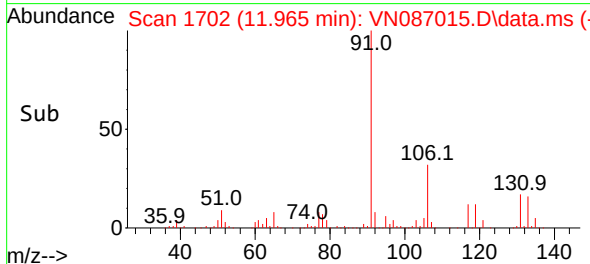
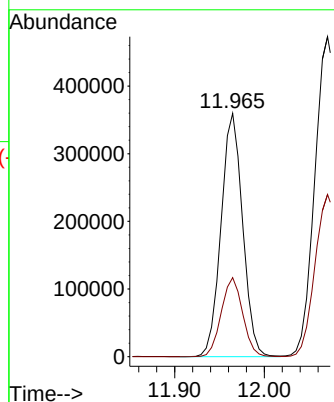
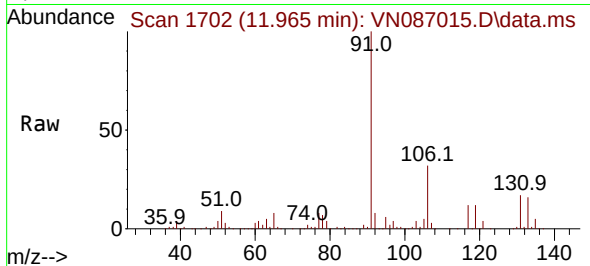




#67  
Ethyl Benzene  
Concen: 55.151 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

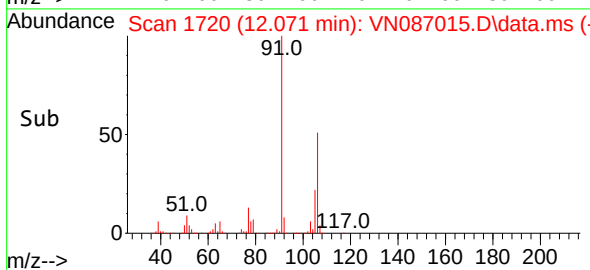
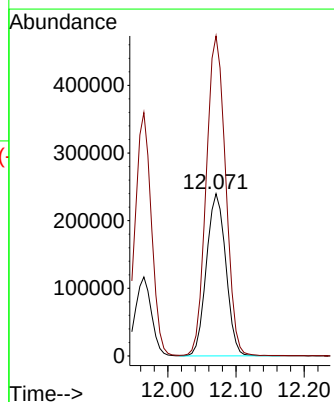
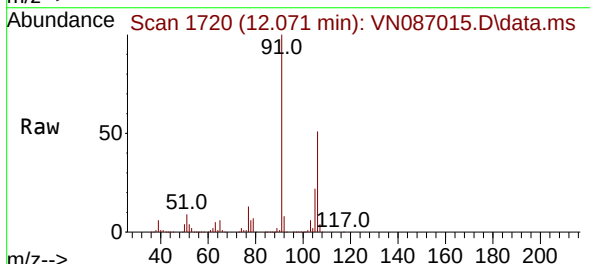
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

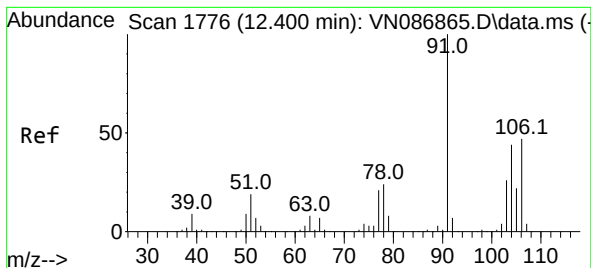
Tgt Ion: 91 Resp: 600721  
Ion Ratio Lower Upper  
91 100  
106 32.5 25.4 38.2



#68  
m/p-Xylenes  
Concen: 113.745 ug/l  
RT: 12.071 min Scan# 1720  
Delta R.T. -0.000 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

Tgt Ion:106 Resp: 474265  
Ion Ratio Lower Upper  
106 100  
91 197.5 159.4 239.0





#69

o-Xylene

Concen: 56.733 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VN087015.D

Acq: 13 Jun 2025 20:13

Instrument :

MSVOA\_N

ClientSampleId :

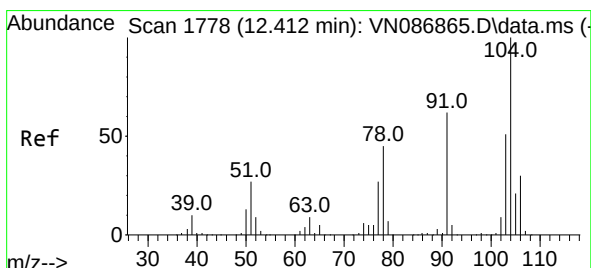
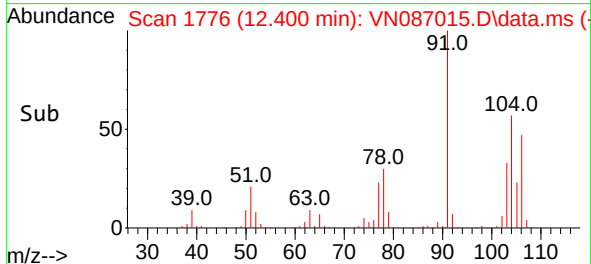
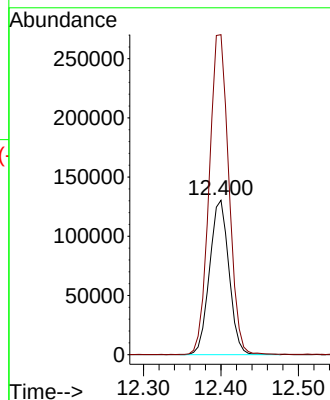
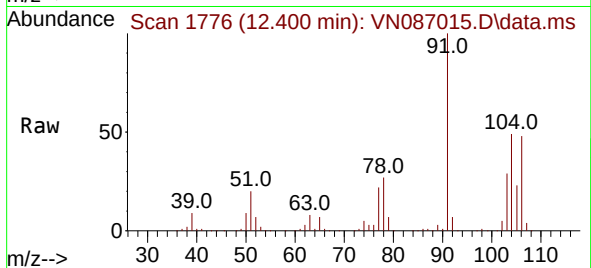
VSTDCCC050EC

Tgt Ion:106 Resp: 226555

Ion Ratio Lower Upper

106 100

91 210.5 106.1 318.1



#70

Styrene

Concen: 57.257 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN087015.D

Acq: 13 Jun 2025 20:13

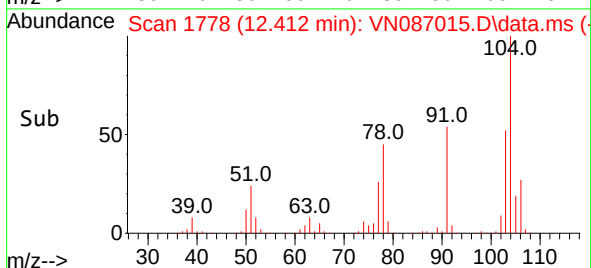
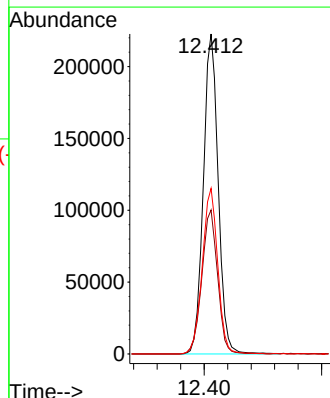
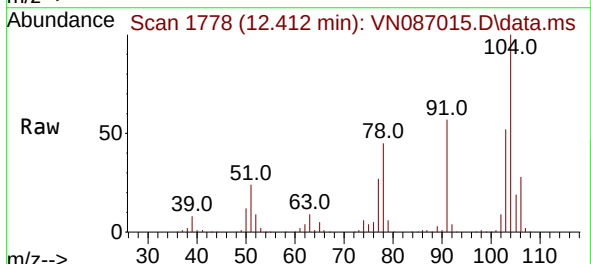
Tgt Ion:104 Resp: 391256

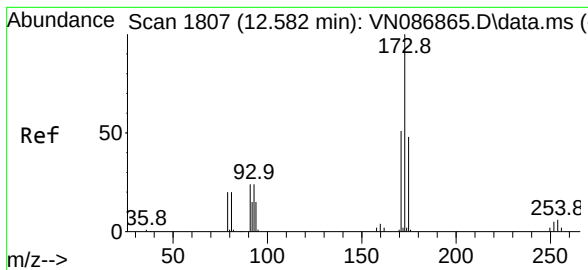
Ion Ratio Lower Upper

104 100

78 47.5 38.5 57.7

103 54.1 43.1 64.7

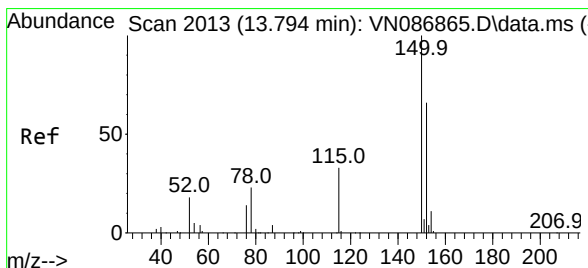
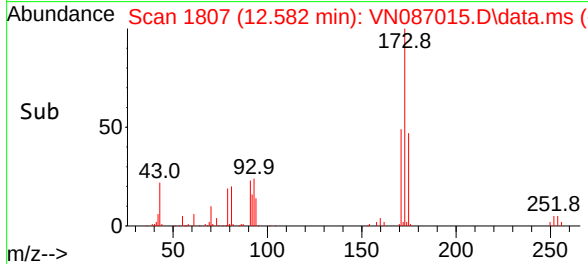
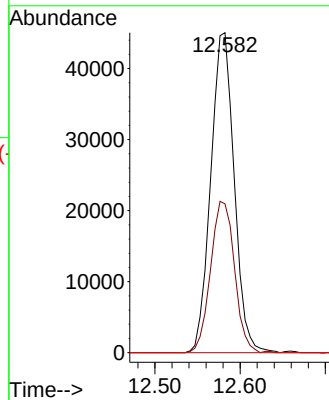
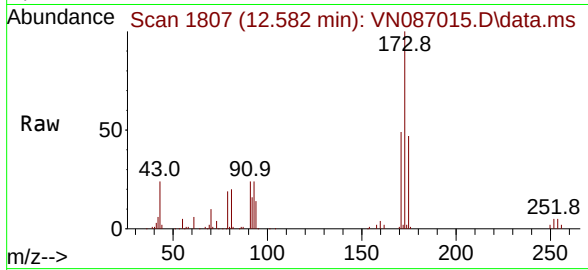




#71  
Bromoform  
Concen: 57.160 ug/l  
RT: 12.582 min Scan# 1807  
Delta R.T. -0.000 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

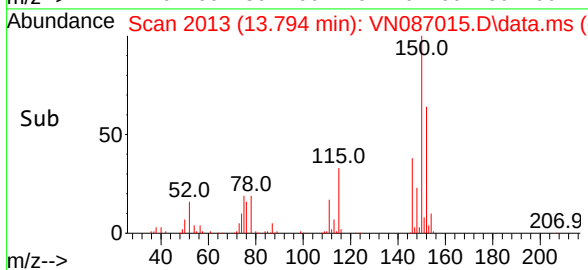
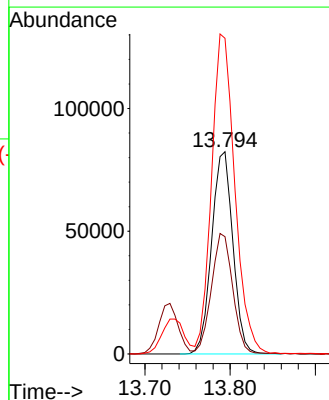
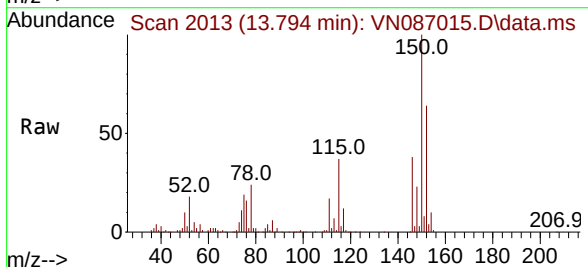
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:173 Resp: 86089  
Ion Ratio Lower Upper  
173 100  
175 48.3 24.1 72.4  
254 0.0 0.0 0.0

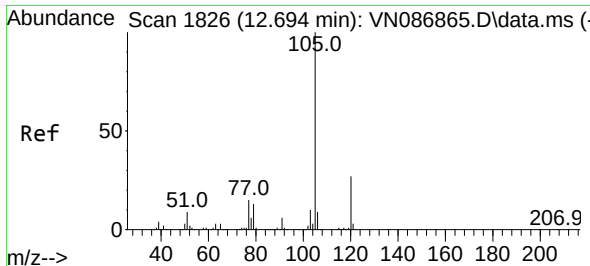


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 2013  
Delta R.T. -0.000 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

Tgt Ion:152 Resp: 143044  
Ion Ratio Lower Upper  
152 100  
115 60.1 30.1 90.5  
150 172.9 0.0 345.0



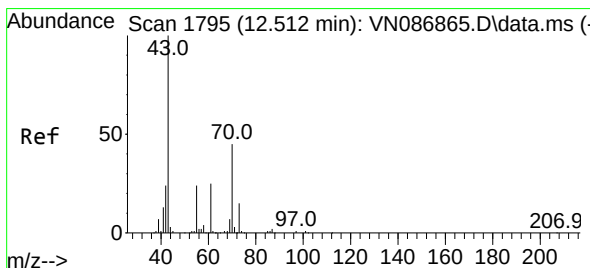
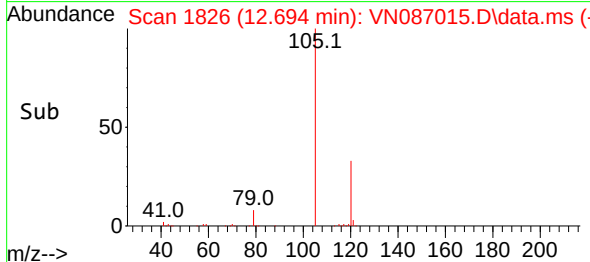
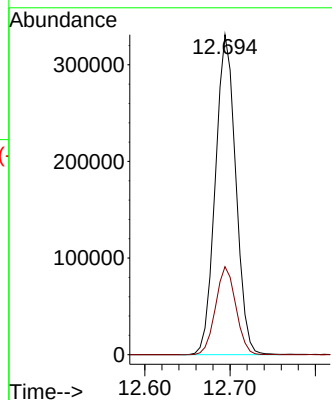
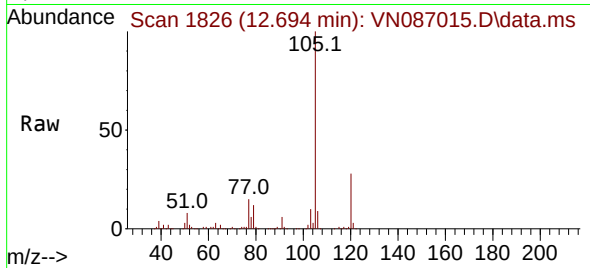




#73  
Isopropylbenzene  
Concen: 52.915 ug/l  
RT: 12.694 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

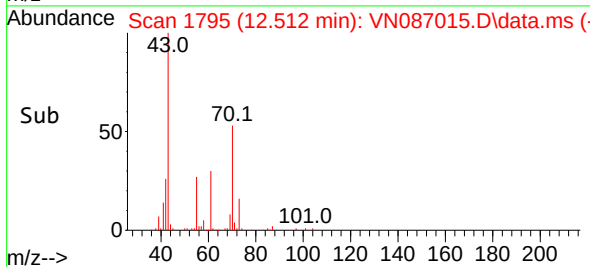
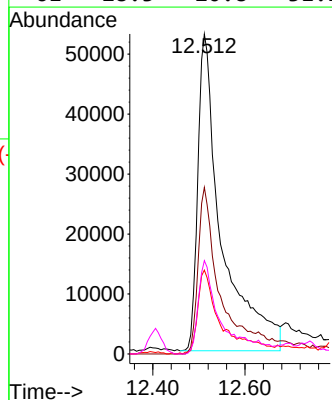
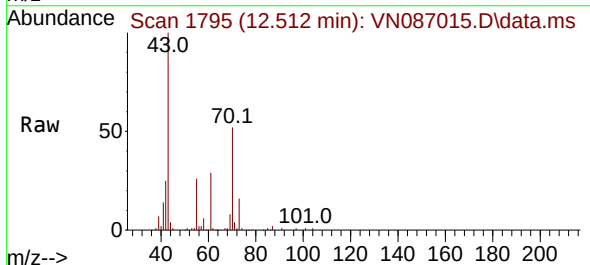
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ClientSampleId :  
VSTDCCC050EC

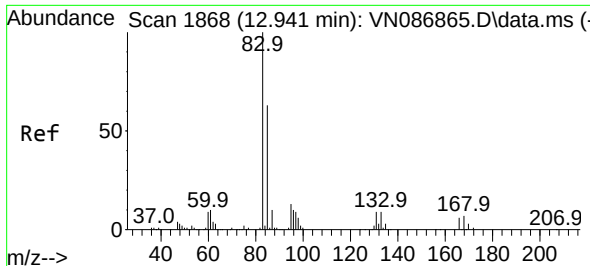
Tgt Ion:105 Resp: 551423  
Ion Ratio Lower Upper  
105 100  
120 27.3 13.5 40.4



#74  
N-ethyl acetate  
Concen: 52.247 ug/l  
RT: 12.512 min Scan# 1795  
Delta R.T. -0.000 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

Tgt Ion: 43 Resp: 190258  
Ion Ratio Lower Upper  
43 100  
70 49.9 37.6 56.4  
55 26.3 19.0 28.6  
61 28.3 20.8 31.2

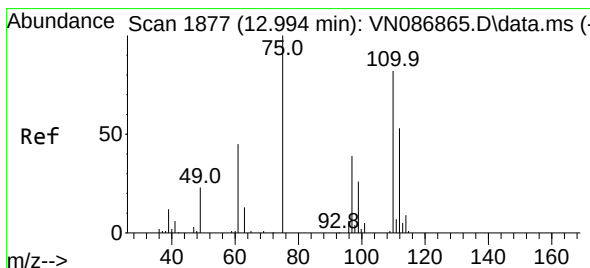
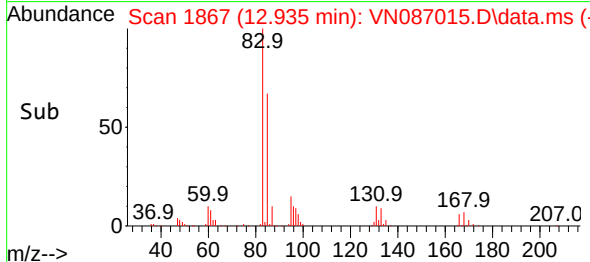
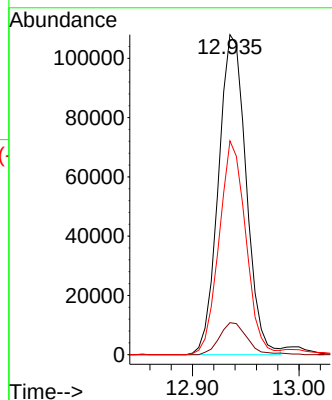
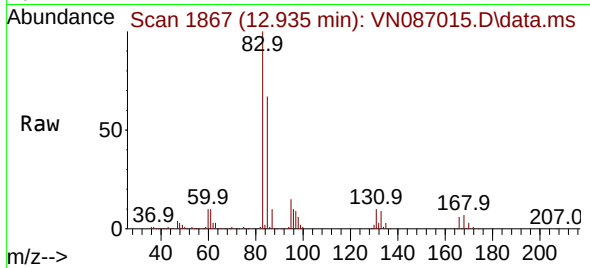




#75  
1,1,2,2-Tetrachloroethane  
Concen: 55.290 ug/l  
RT: 12.935 min Scan# 1867  
Delta R.T. -0.006 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

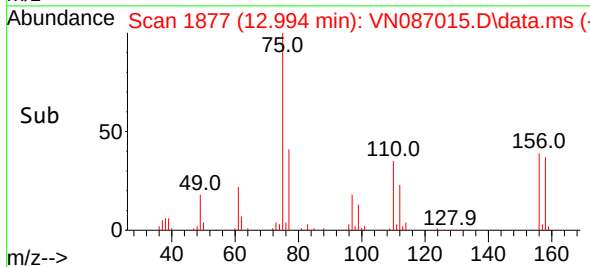
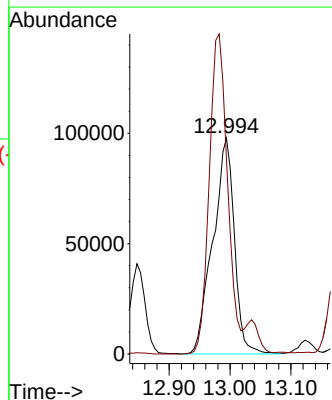
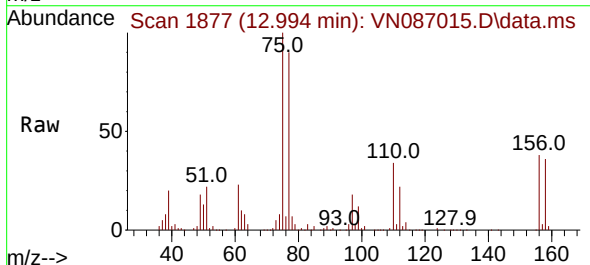
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

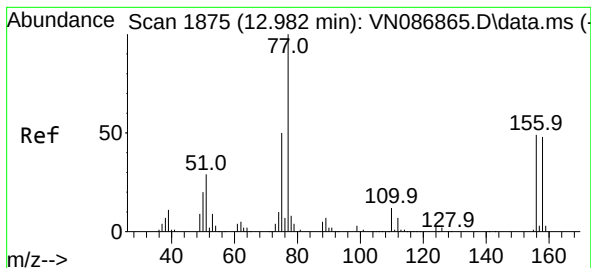
Tgt Ion: 83 Resp: 195192  
Ion Ratio Lower Upper  
83 100  
131 10.1 4.9 14.7  
85 64.4 32.0 96.0



#76  
1,2,3-Trichloropropane  
Concen: 70.541 ug/l  
RT: 12.994 min Scan# 1877  
Delta R.T. -0.000 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

Tgt Ion: 75 Resp: 239854  
Ion Ratio Lower Upper  
75 100  
77 125.6 79.3 237.9





#77

Bromobenzene

Concen: 56.217 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN087015.D

Acq: 13 Jun 2025 20:13

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

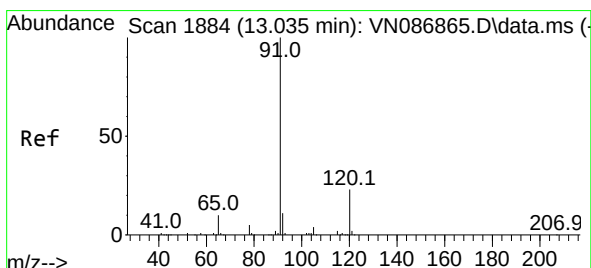
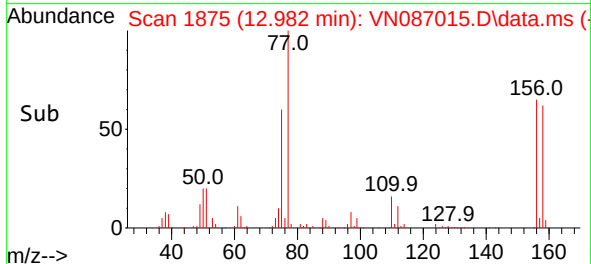
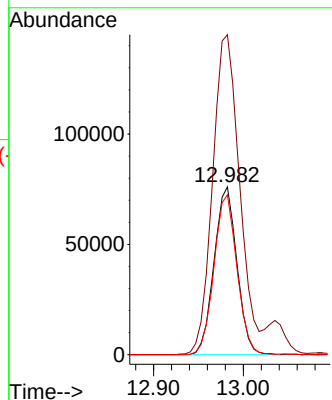
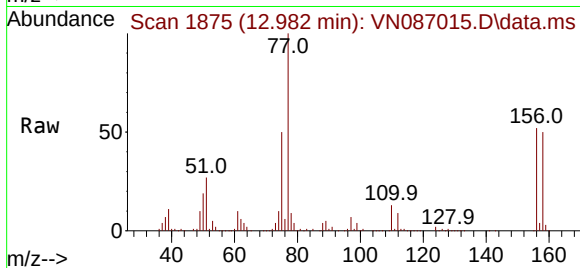
Tgt Ion:156 Resp: 134351

Ion Ratio Lower Upper

156 100

77 224.3 117.7 353.1

158 95.8 48.1 144.4



#78

n-propylbenzene

Concen: 51.930 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN087015.D

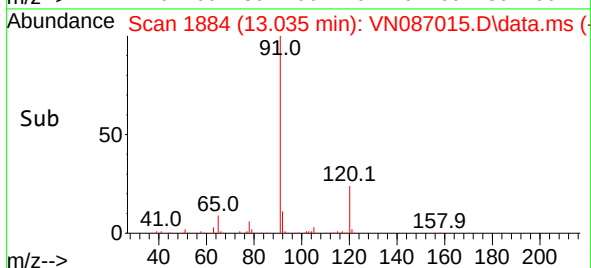
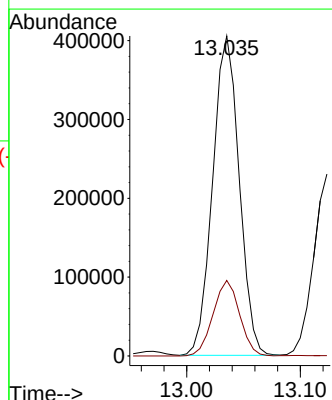
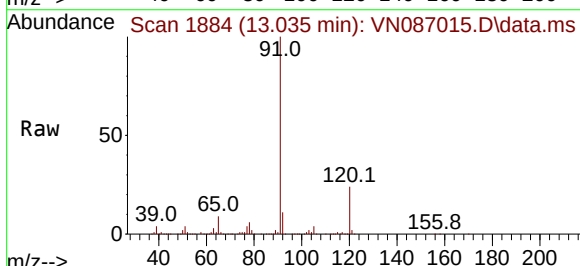
Acq: 13 Jun 2025 20:13

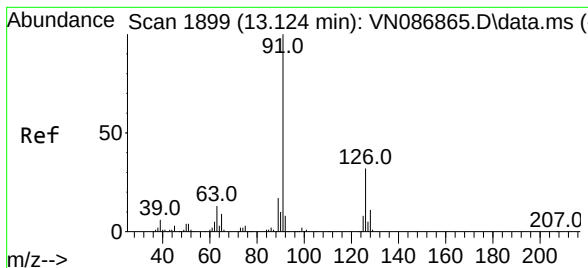
Tgt Ion: 91 Resp: 657646

Ion Ratio Lower Upper

91 100

120 23.6 11.4 34.2





#79

2-Chlorotoluene

Concen: 53.388 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VN087015.D

Acq: 13 Jun 2025 20:13

Instrument :

MSVOA\_N

ClientSampleId :

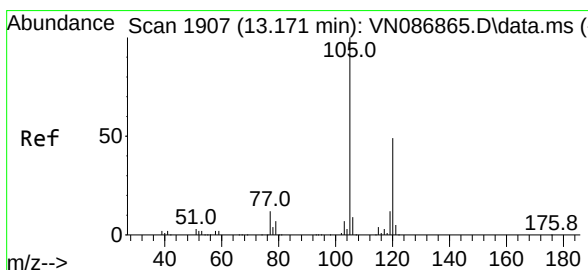
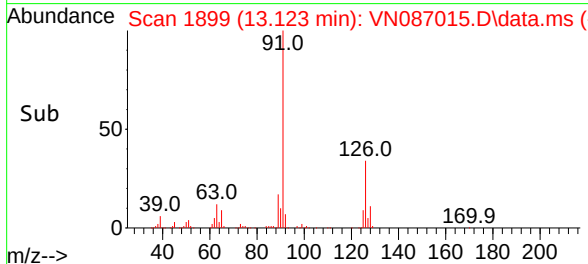
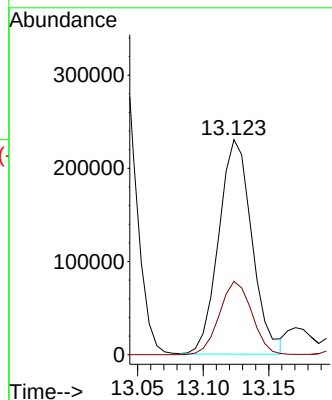
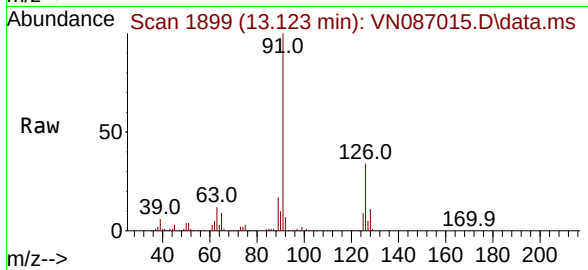
VSTDCCC050EC

Tgt Ion: 91 Resp: 405474

Ion Ratio Lower Upper

91 100

126 33.3 16.2 48.5



#80

1,3,5-Trimethylbenzene

Concen: 52.608 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN087015.D

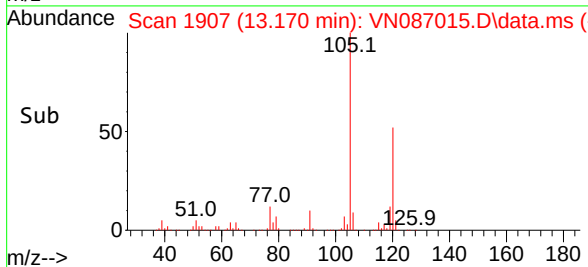
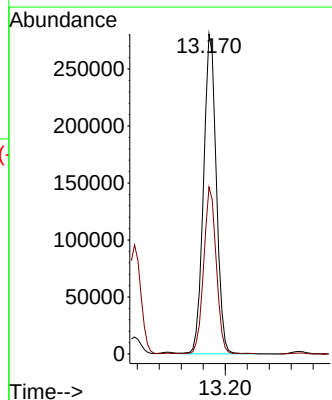
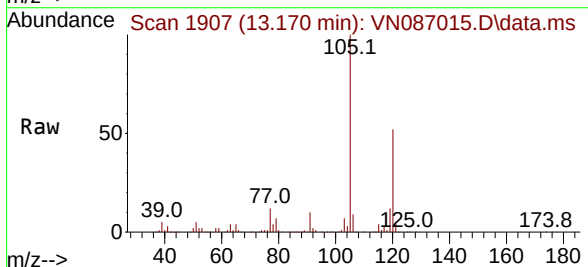
Acq: 13 Jun 2025 20:13

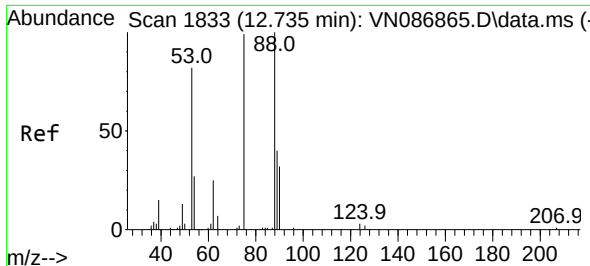
Tgt Ion:105 Resp: 452624

Ion Ratio Lower Upper

105 100

120 51.0 24.9 74.6

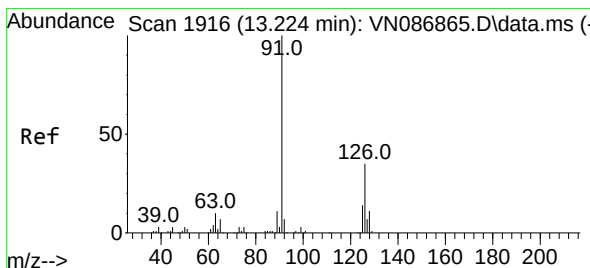
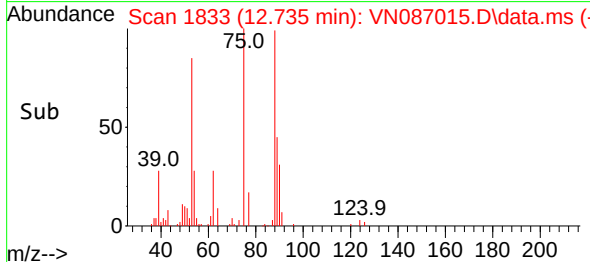
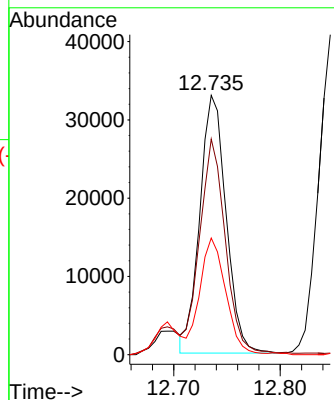
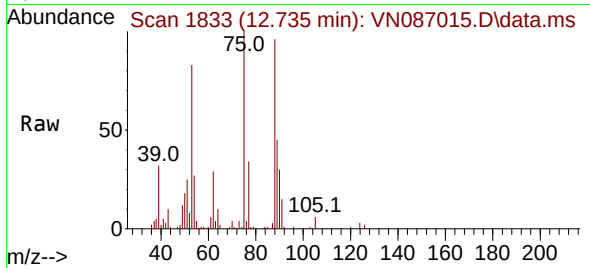




#81  
trans-1,4-Dichloro-2-butene  
Concen: 38.297 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. -0.000 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

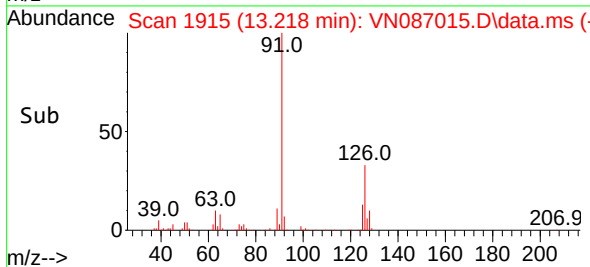
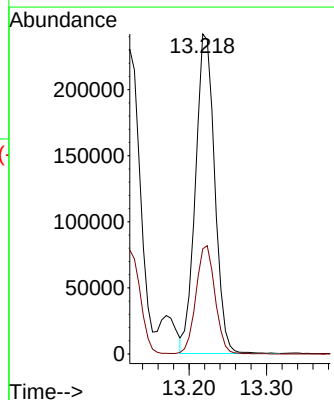
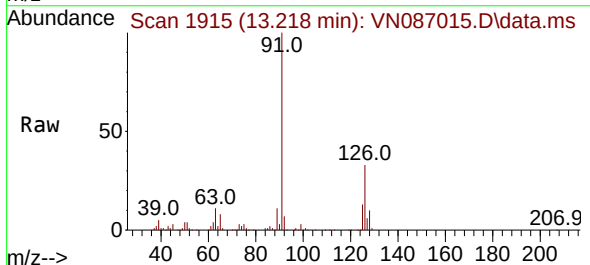
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

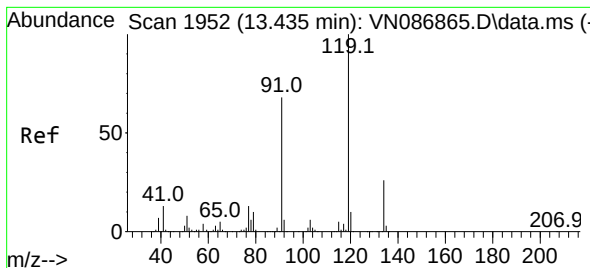
Tgt Ion: 75 Resp: 56569  
Ion Ratio Lower Upper  
75 100  
53 81.5 66.6 99.8  
89 43.4 36.7 55.1



#82  
4-Chlorotoluene  
Concen: 54.095 ug/l  
RT: 13.218 min Scan# 1915  
Delta R.T. -0.006 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

Tgt Ion: 91 Resp: 415698  
Ion Ratio Lower Upper  
91 100  
126 33.7 16.7 50.1





#83

tert-Butylbenzene

Concen: 51.101 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VN087015.D

Acq: 13 Jun 2025 20:13

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

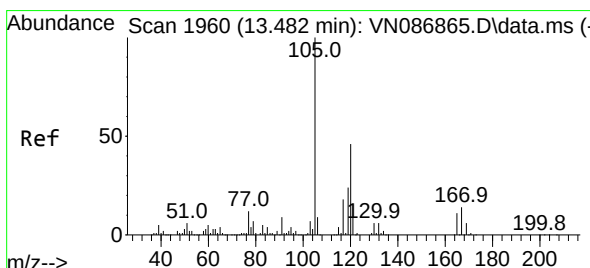
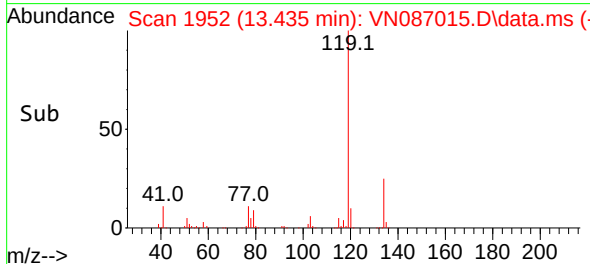
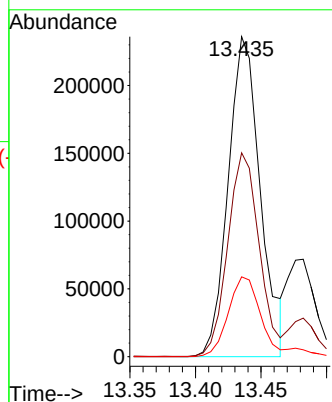
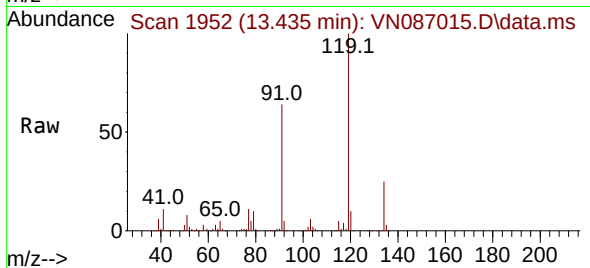
Tgt Ion:119 Resp: 402449

Ion Ratio Lower Upper

119 100

91 62.3 32.1 96.5

134 26.6 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 54.055 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN087015.D

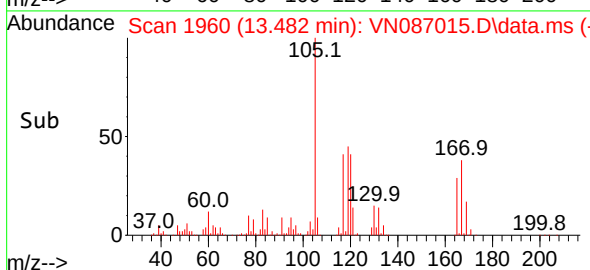
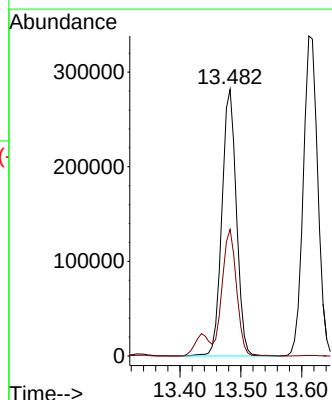
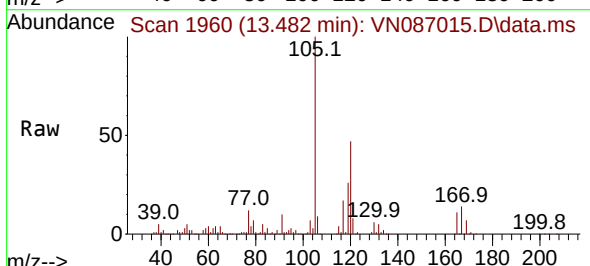
Acq: 13 Jun 2025 20:13

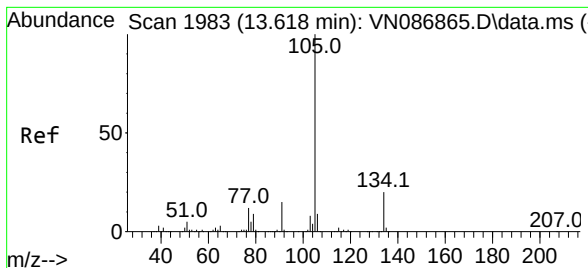
Tgt Ion:105 Resp: 466357

Ion Ratio Lower Upper

105 100

120 46.9 23.2 69.6





#85

sec-Butylbenzene

Concen: 48.896 ug/l

RT: 13.612 min Scan# 1983

Delta R.T. -0.006 min

Lab File: VN087015.D

Acq: 13 Jun 2025 20:13

Instrument :

MSVOA\_N

ClientSampleId :

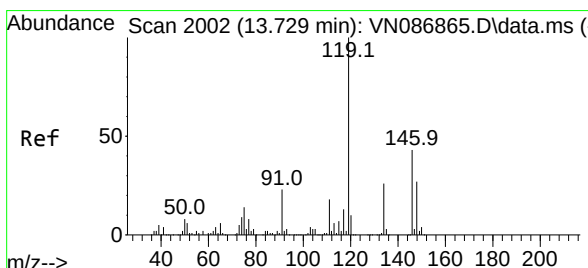
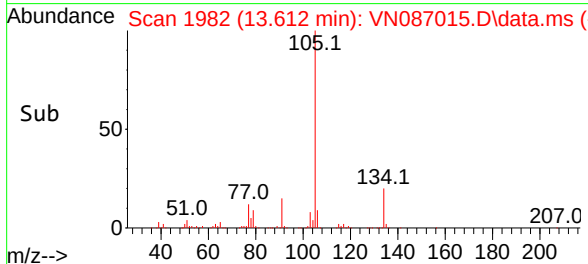
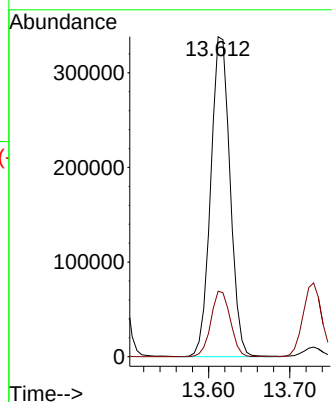
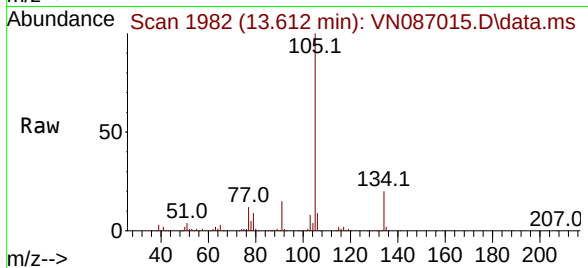
VSTDCCC050EC

Tgt Ion:105 Resp: 559228

Ion Ratio Lower Upper

105 100

134 20.5 10.0 30.0



#86

p-Isopropyltoluene

Concen: 49.723 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN087015.D

Acq: 13 Jun 2025 20:13

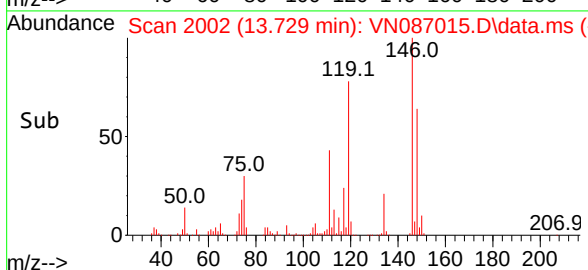
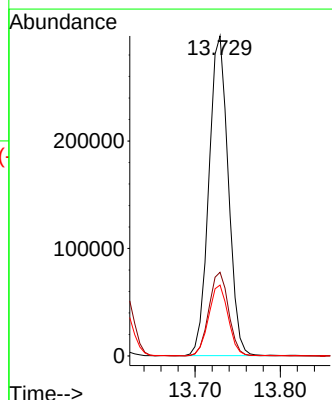
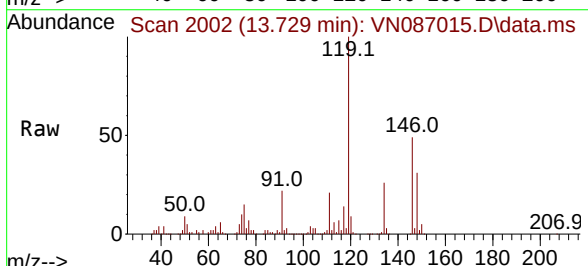
Tgt Ion:119 Resp: 470095

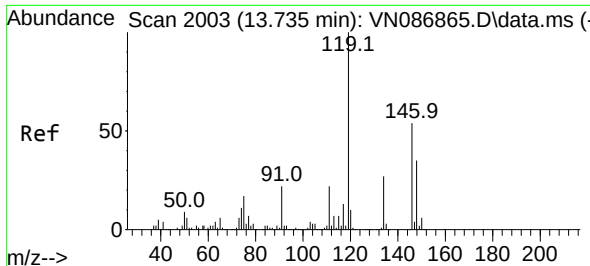
Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

91 22.3 11.5 34.4

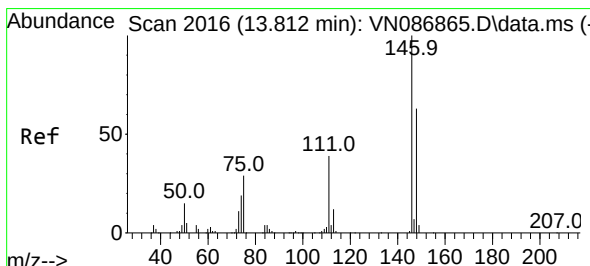
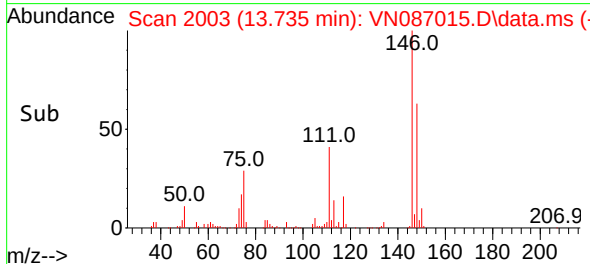
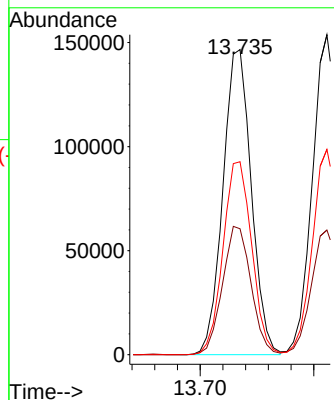
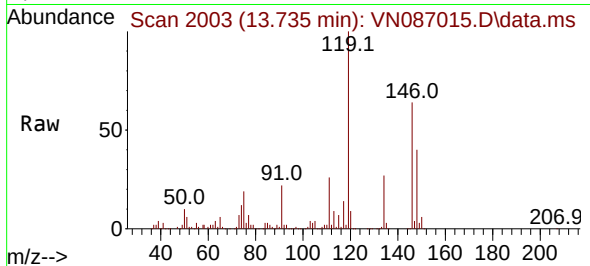




#87  
 1,3-Dichlorobenzene  
 Concen: 54.127 ug/l  
 RT: 13.735 min Scan# 2003  
 Delta R.T. -0.000 min  
 Lab File: VN087015.D  
 Acq: 13 Jun 2025 20:13

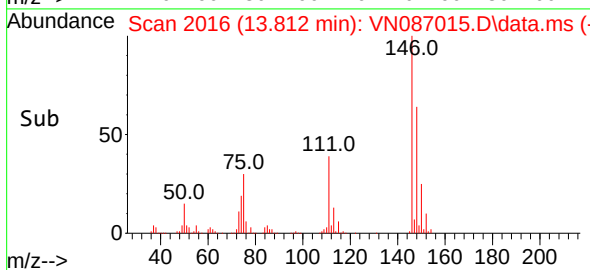
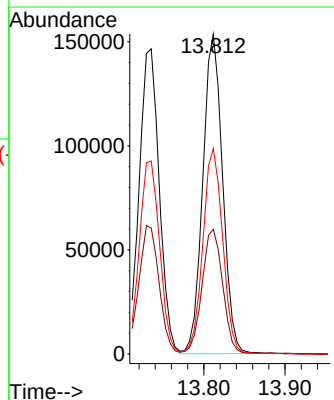
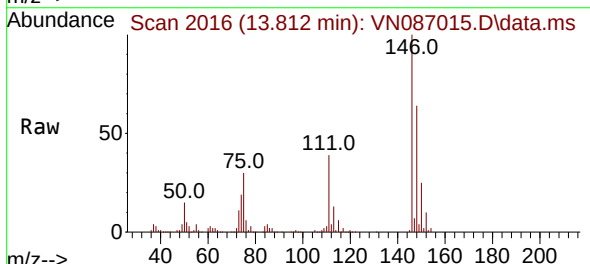
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion:146 Resp: 254506  
 Ion Ratio Lower Upper  
 146 100  
 111 42.3 20.9 62.8  
 148 64.1 32.0 96.2

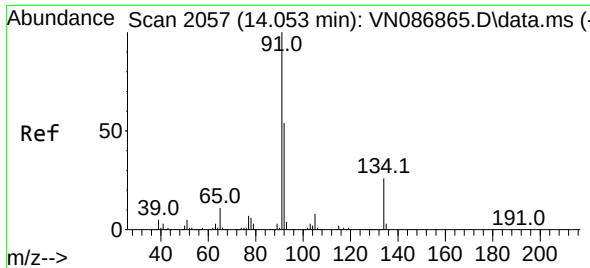


#88  
 1,4-Dichlorobenzene  
 Concen: 54.093 ug/l  
 RT: 13.812 min Scan# 2016  
 Delta R.T. -0.000 min  
 Lab File: VN087015.D  
 Acq: 13 Jun 2025 20:13

Tgt Ion:146 Resp: 259312  
 Ion Ratio Lower Upper  
 146 100  
 111 41.2 19.9 59.7  
 148 64.2 31.8 95.4



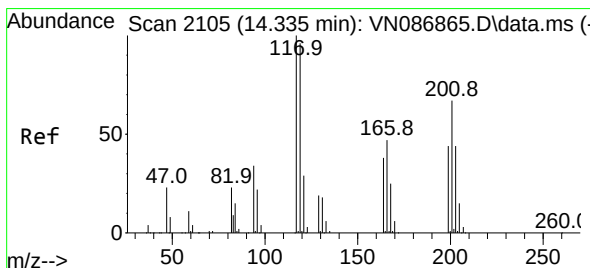
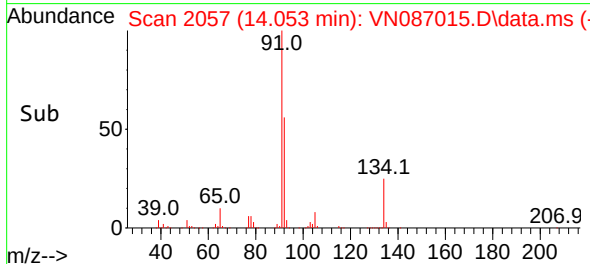
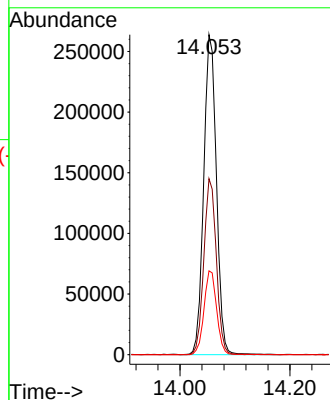
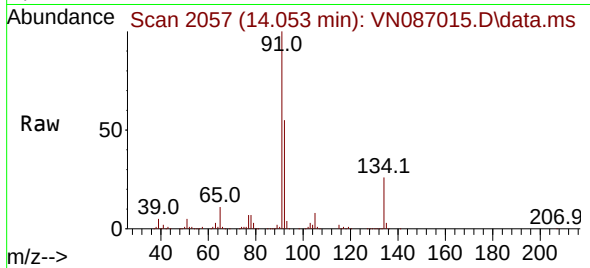




#89  
n-Butylbenzene  
Concen: 46.215 ug/l  
RT: 14.053 min Scan# 2057  
Delta R.T. -0.000 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

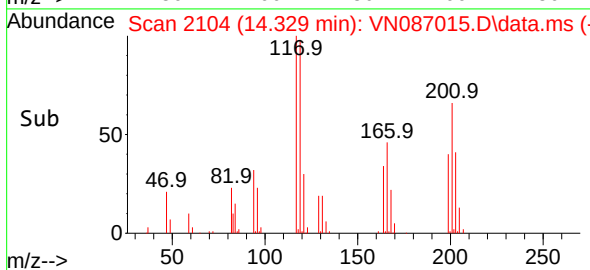
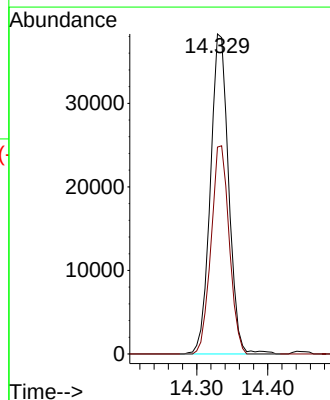
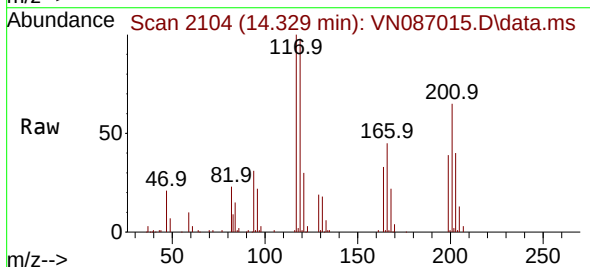
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

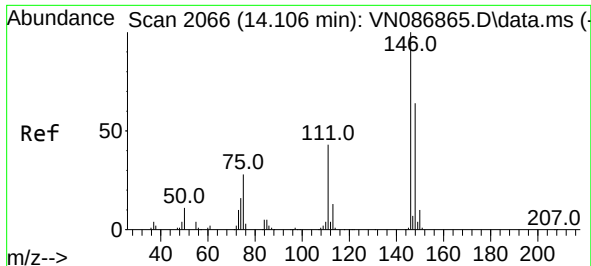
Tgt Ion: 91 Resp: 423209  
Ion Ratio Lower Upper  
91 100  
92 54.2 27.5 82.4  
134 26.0 13.0 39.0



#90  
Hexachloroethane  
Concen: 42.577 ug/l  
RT: 14.329 min Scan# 2104  
Delta R.T. -0.006 min  
Lab File: VN087015.D  
Acq: 13 Jun 2025 20:13

Tgt Ion: 117 Resp: 68232  
Ion Ratio Lower Upper  
117 100  
201 64.7 33.2 99.6





#91

1,2-Dichlorobenzene

Concen: 54.592 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN087015.D

Acq: 13 Jun 2025 20:13

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

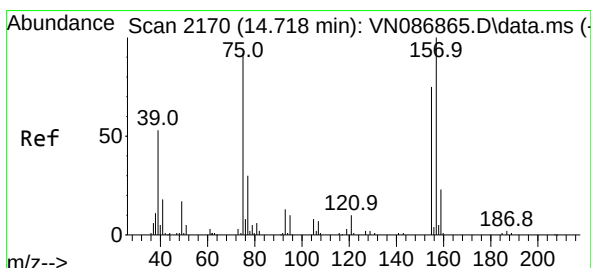
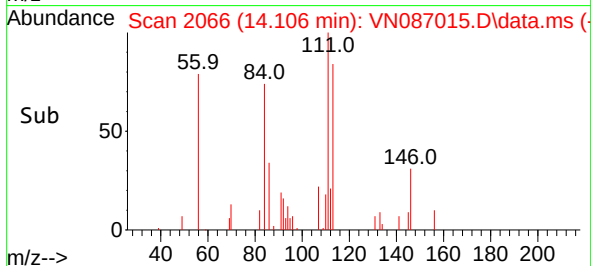
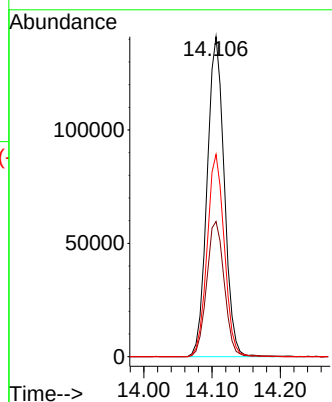
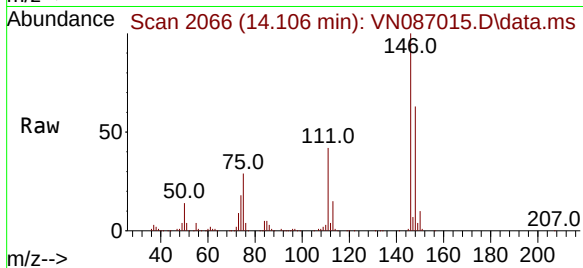
Tgt Ion:146 Resp: 246617

Ion Ratio Lower Upper

146 100

111 43.5 21.6 64.6

148 63.5 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.477 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.000 min

Lab File: VN087015.D

Acq: 13 Jun 2025 20:13

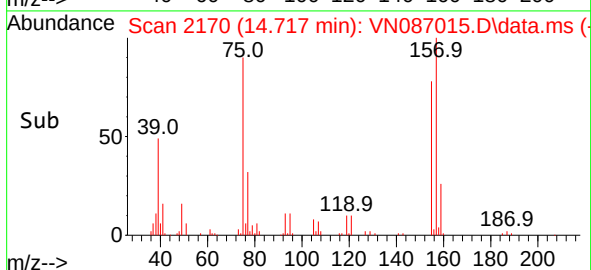
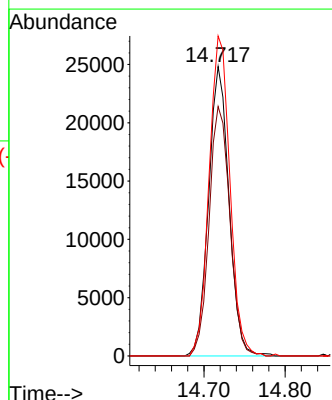
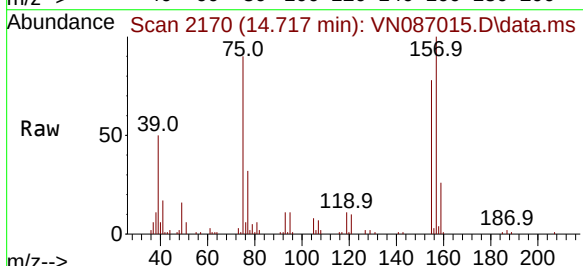
Tgt Ion: 75 Resp: 43462

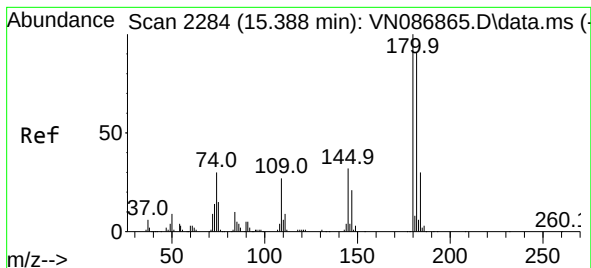
Ion Ratio Lower Upper

75 100

155 87.3 41.1 123.4

157 112.4 52.7 158.1





#93

1,2,4-Trichlorobenzene

Concen: 48.896 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN087015.D

Acq: 13 Jun 2025 20:13

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

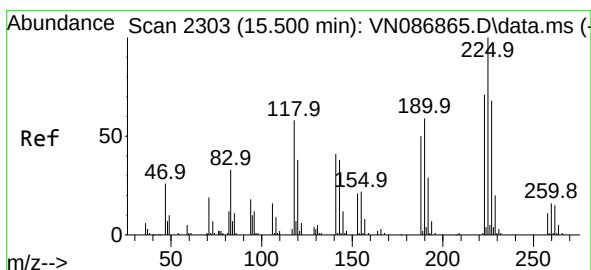
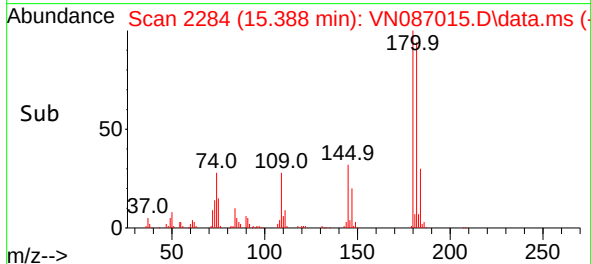
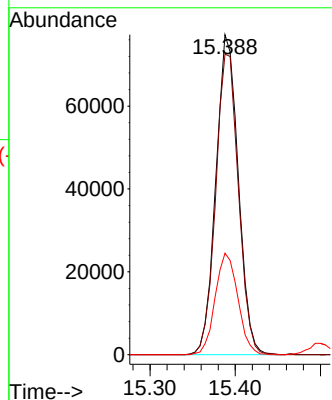
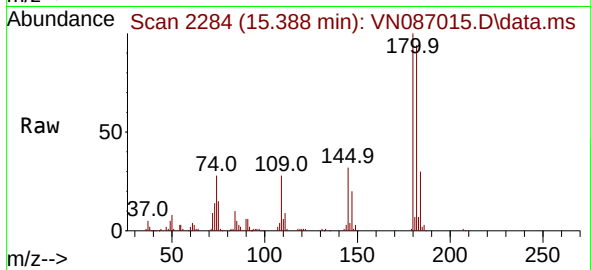
Tgt Ion:180 Resp: 141048

Ion Ratio Lower Upper

180 100

182 95.3 46.9 140.7

145 32.1 16.0 47.9



#94

Hexachlorobutadiene

Concen: 38.372 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. -0.006 min

Lab File: VN087015.D

Acq: 13 Jun 2025 20:13

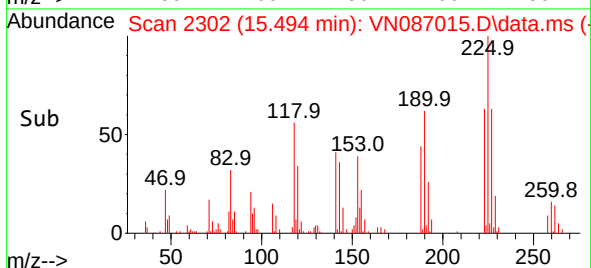
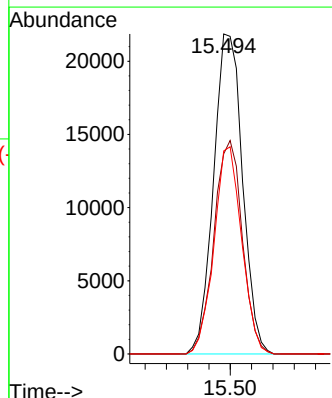
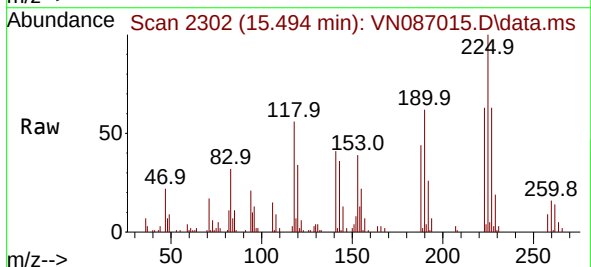
Tgt Ion:225 Resp: 41240

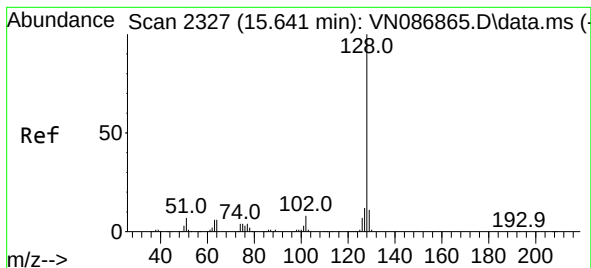
Ion Ratio Lower Upper

225 100

223 65.4 33.5 100.4

227 62.0 31.1 93.5





#95

Naphthalene

Concen: 53.465 ug/l

RT: 15.635 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN087015.D

Acq: 13 Jun 2025 20:13

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

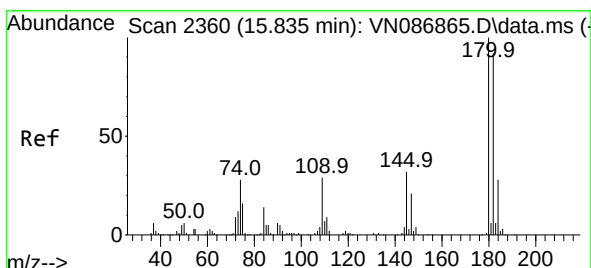
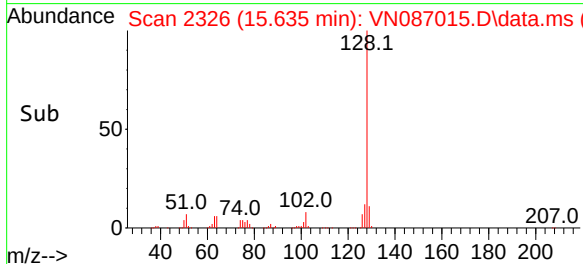
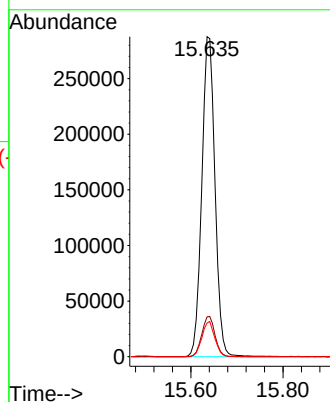
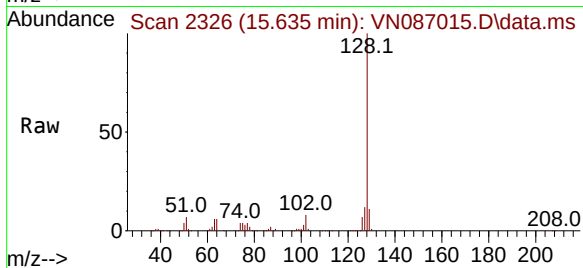
Tgt Ion:128 Resp: 574068

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

129 10.7 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 47.556 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN087015.D

Acq: 13 Jun 2025 20:13

Tgt Ion:180 Resp: 136299

Ion Ratio Lower Upper

180 100

182 93.9 47.0 141.0

145 34.6 16.6 49.8

