

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN032425\  
 Data File : VN086065.D  
 Acq On : 24 Mar 2025 12:03  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Mar 25 01:19:38 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N031825W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 19 03:20:56 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.224  | 168  | 160831   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.100  | 114  | 254989   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 239260   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.788 | 152  | 132834   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.577  | 65    | 113674   | 51.615   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 103.240% |      |
| 35) Dibromofluoromethane    | 8.165  | 113   | 93532    | 52.552   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 105.100% |      |
| 50) Toluene-d8              | 10.565 | 98    | 345415   | 53.475   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 106.940% |      |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 125860   | 54.636   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | = 109.280% |      |

|                              |       |     |        |         |      |     |
|------------------------------|-------|-----|--------|---------|------|-----|
| Target Compounds             |       |     |        | Qvalue  |      |     |
| 2) Dichlorodifluoromethane   | 2.124 | 85  | 101660 | 47.711  | ug/l | 100 |
| 3) Chloromethane             | 2.359 | 50  | 85167  | 45.593  | ug/l | 99  |
| 4) Vinyl Chloride            | 2.512 | 62  | 92250  | 48.300  | ug/l | 99  |
| 5) Bromomethane              | 2.942 | 94  | 58638  | 45.072  | ug/l | 98  |
| 6) Chloroethane              | 3.106 | 64  | 57359  | 47.605  | ug/l | 99  |
| 7) Trichlorofluoromethane    | 3.495 | 101 | 167450 | 48.771  | ug/l | 100 |
| 8) Diethyl Ether             | 3.959 | 74  | 49946  | 47.519  | ug/l | 94  |
| 9) 1,1,2-Trichlorotrifluo... | 4.365 | 101 | 91819  | 50.318  | ug/l | 99  |
| 10) Methyl Iodide            | 4.583 | 142 | 119418 | 50.225  | ug/l | 93  |
| 11) Tert butyl alcohol       | 5.518 | 59  | 65344  | 209.563 | ug/l | 98  |
| 12) 1,1-Dichloroethene       | 4.342 | 96  | 83333  | 50.575  | ug/l | 95  |
| 13) Acrolein                 | 4.177 | 56  | 95822  | 288.126 | ug/l | 98  |
| 14) Allyl chloride           | 5.024 | 41  | 94243  | 45.847  | ug/l | 98  |
| 15) Acrylonitrile            | 5.718 | 53  | 215855 | 262.123 | ug/l | 99  |
| 16) Acetone                  | 4.424 | 43  | 155671 | 231.367 | ug/l | 98  |
| 17) Carbon Disulfide         | 4.706 | 76  | 244233 | 45.071  | ug/l | 99  |
| 18) Methyl Acetate           | 5.018 | 43  | 88624  | 53.237  | ug/l | 100 |
| 19) Methyl tert-butyl Ether  | 5.794 | 73  | 276934 | 51.290  | ug/l | 99  |
| 20) Methylene Chloride       | 5.271 | 84  | 102160 | 51.902  | ug/l | 95  |
| 21) trans-1,2-Dichloroethene | 5.783 | 96  | 93179  | 51.746  | ug/l | 93  |
| 22) Diisopropyl ether        | 6.671 | 45  | 234557 | 53.546  | ug/l | 97  |
| 23) Vinyl Acetate            | 6.600 | 43  | 877767 | 264.334 | ug/l | 100 |
| 24) 1,1-Dichloroethane       | 6.565 | 63  | 166473 | 51.681  | ug/l | 98  |
| 25) 2-Butanone               | 7.477 | 43  | 243752 | 251.070 | ug/l | 96  |
| 26) 2,2-Dichloropropane      | 7.488 | 77  | 149654 | 48.257  | ug/l | 100 |
| 27) cis-1,2-Dichloroethene   | 7.488 | 96  | 108327 | 52.939  | ug/l | 98  |
| 28) Bromochloromethane       | 7.812 | 49  | 65134  | 47.726  | ug/l | 99  |
| 29) Tetrahydrofuran          | 7.835 | 42  | 165187 | 275.601 | ug/l | 99  |
| 30) Chloroform               | 7.965 | 83  | 187259 | 52.594  | ug/l | 98  |
| 31) Cyclohexane              | 8.253 | 56  | 129779 | 47.294  | ug/l | 99  |
| 32) 1,1,1-Trichloroethane    | 8.165 | 97  | 175140 | 51.965  | ug/l | 99  |
| 36) 1,1-Dichloropropene      | 8.371 | 75  | 123380 | 52.647  | ug/l | 99  |
| 37) Ethyl Acetate            | 7.559 | 43  | 96734  | 48.927  | ug/l | 99  |
| 38) Carbon Tetrachloride     | 8.359 | 117 | 165729 | 53.784  | ug/l | 99  |
| 39) Methylcyclohexane        | 9.600 | 83  | 113366 | 48.757  | ug/l | 92  |
| 40) Benzene                  | 8.606 | 78  | 398483 | 54.164  | ug/l | 99  |

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 Sample : VSTDCCC050  
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 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Mar 25 01:19:38 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N031825W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 19 03:20:56 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.777  | 41   | 49592    | 52.530   | ug/l   | 99       |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 133507   | 52.081   | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.688  | 43   | 164277   | 38.344   | ug/l   | 99       |
| 44) Trichloroethene           | 9.353  | 130  | 91449    | 47.961   | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.618  | 63   | 91787    | 54.854   | ug/l   | 94       |
| 46) Dibromomethane            | 9.706  | 93   | 71246    | 54.141   | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.882  | 83   | 147018   | 53.456   | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.682  | 41   | 75908    | 53.692   | ug/l   | 99       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 36152    | 1081.716 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone      | 10.441 | 43   | 542700   | 287.223  | ug/l   | 99       |
| 52) Toluene                   | 10.629 | 92   | 255909   | 56.676   | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 141005   | 52.792   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 148960   | 52.860   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 11.012 | 97   | 95811    | 55.595   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.871 | 69   | 138828   | 51.359   | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 11.159 | 76   | 161606   | 55.209   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 320884   | 299.470  | ug/l   | 99       |
| 59) 2-Hexanone                | 11.194 | 43   | 401637   | 291.788  | ug/l   | 98       |
| 60) Dibromochloromethane      | 11.359 | 129  | 125776   | 56.558   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.465 | 107  | 96000    | 54.260   | ug/l   | 97       |
| 64) Tetrachloroethene         | 11.106 | 164  | 95327    | 49.946   | ug/l   | 96       |
| 65) Chlorobenzene             | 11.888 | 112  | 273164   | 49.894   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 107010   | 52.579   | ug/l   | 100      |
| 67) Ethyl Benzene             | 11.965 | 91   | 471884   | 53.881   | ug/l   | 98       |
| 68) m/p-Xylenes               | 12.070 | 106  | 387149   | 112.471  | ug/l   | 100      |
| 69) o-Xylene                  | 12.394 | 106  | 179833   | 56.922   | ug/l   | 99       |
| 70) Styrene                   | 12.406 | 104  | 316894   | 58.725   | ug/l   | 99       |
| 71) Bromoform                 | 12.576 | 173  | 88913    | 52.260   | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.694 | 105  | 447787   | 49.364   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.494 | 43   | 147494   | 48.600   | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 142242   | 46.350   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.988 | 75   | 189231   | 63.631   | ug/l   | 72       |
| 77) Bromobenzene              | 12.976 | 156  | 121345   | 47.975   | ug/l   | 97       |
| 78) n-propylbenzene           | 13.035 | 91   | 536585   | 52.239   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 339986   | 49.832   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.170 | 105  | 404505   | 52.817   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 49866    | 44.331   | ug/l   | 96       |
| 82) 4-Chlorotoluene           | 13.217 | 91   | 352049   | 50.178   | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.435 | 119  | 315522   | 48.171   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 414523   | 53.663   | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.617 | 105  | 442387   | 51.773   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 380786   | 52.644   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.729 | 146  | 225724   | 49.510   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 222451   | 46.439   | ug/l   | 100      |
| 89) n-Butylbenzene            | 14.053 | 91   | 295205   | 50.117   | ug/l   | 99       |
| 90) Hexachloroethane          | 14.329 | 117  | 78937    | 47.295   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 219219   | 48.368   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.717 | 75   | 28135    | 45.928   | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.388 | 180  | 100819   | 44.240   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.494 | 225  | 54079    | 40.902   | ug/l   | 98       |
| 95) Naphthalene               | 15.641 | 128  | 301701   | 45.720   | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.835 | 180  | 101083   | 46.745   | ug/l   | 98       |

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Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

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Quant Title : SW846 8260  
QLast Update : Wed Mar 19 03:20:56 2025  
Response via : Initial Calibration

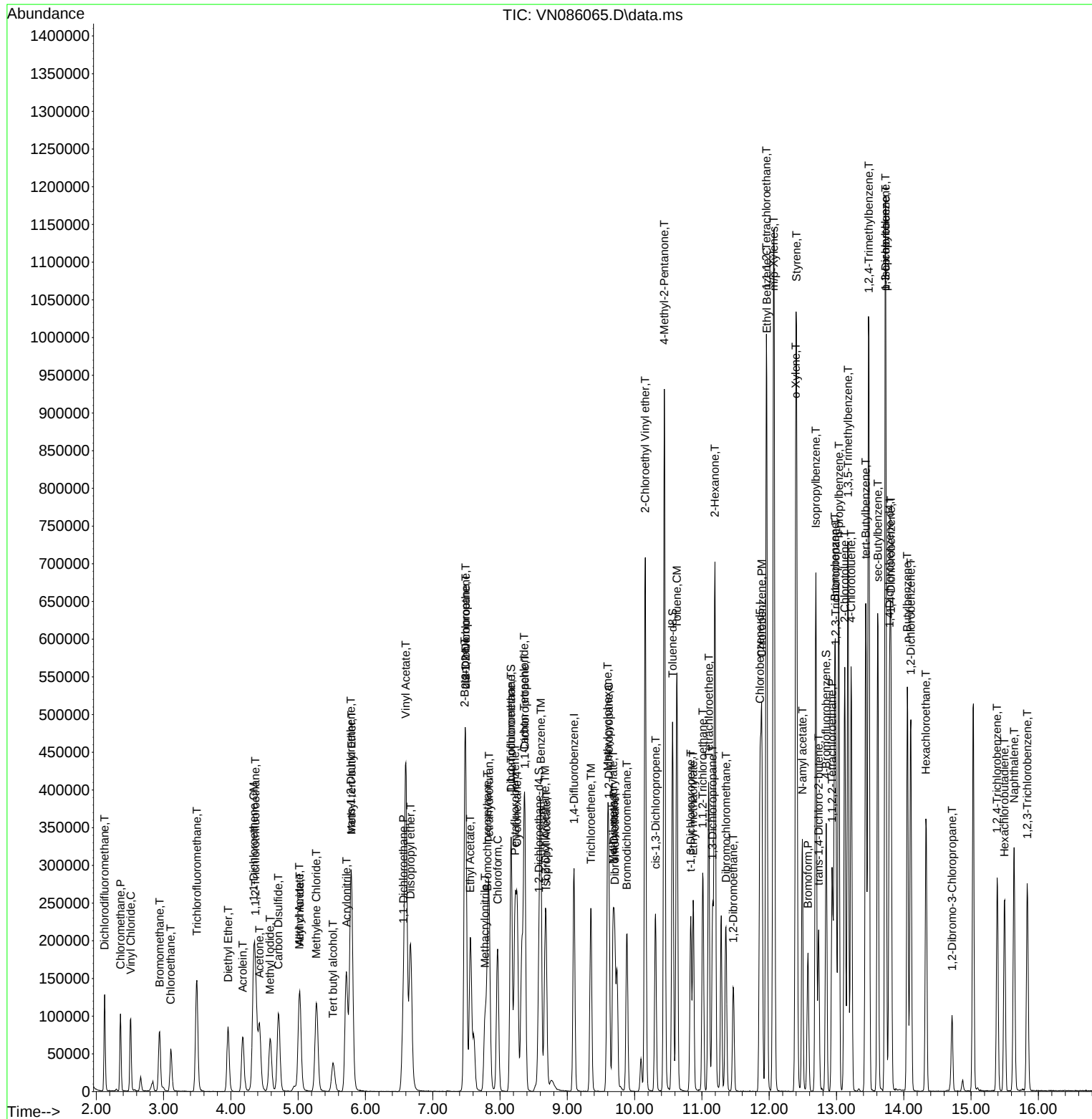
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

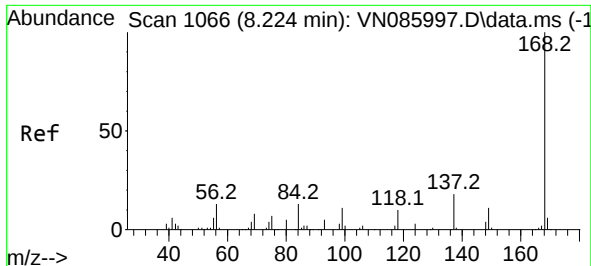
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Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
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Quant Title : SW846 8260  
QLast Update : Wed Mar 19 03:20:56 2025  
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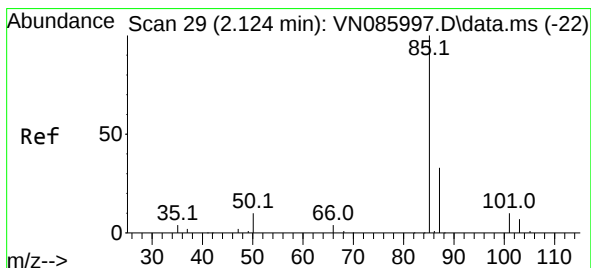
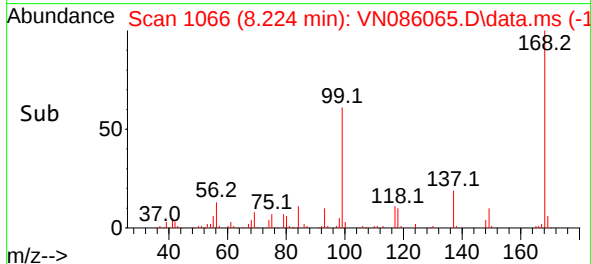
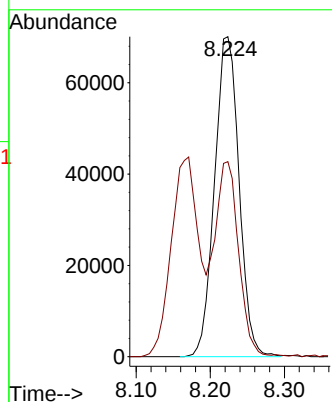
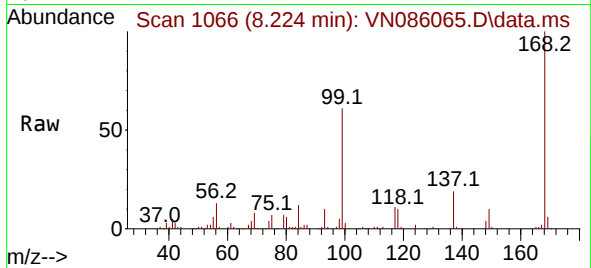




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

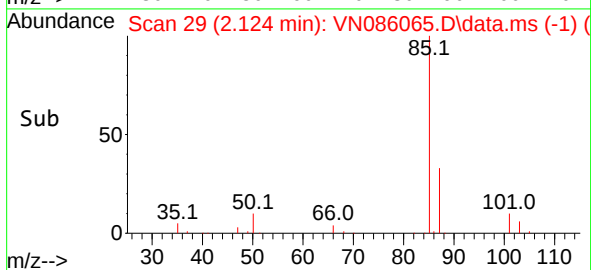
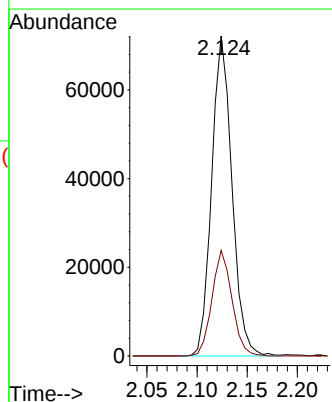
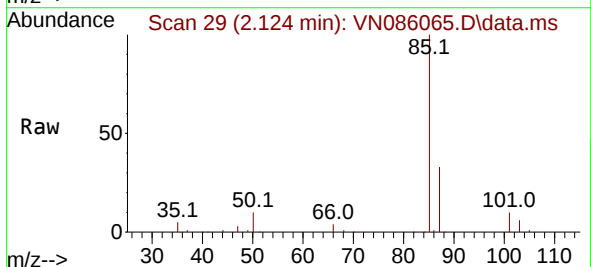
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

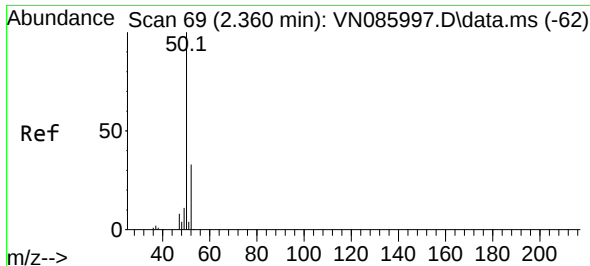
Tgt Ion:168 Resp: 160831  
Ion Ratio Lower Upper  
168 100  
99 60.5 49.4 74.2



#2  
Dichlorodifluoromethane  
Concen: 47.711 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. -0.000 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

Tgt Ion: 85 Resp: 101660  
Ion Ratio Lower Upper  
85 100  
87 32.9 16.5 49.5

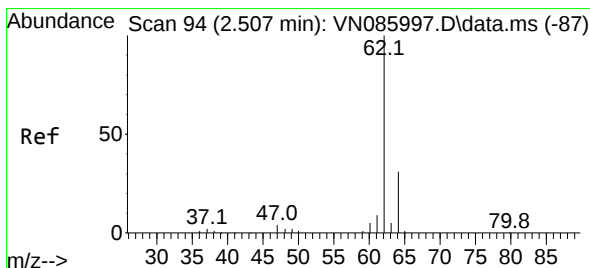
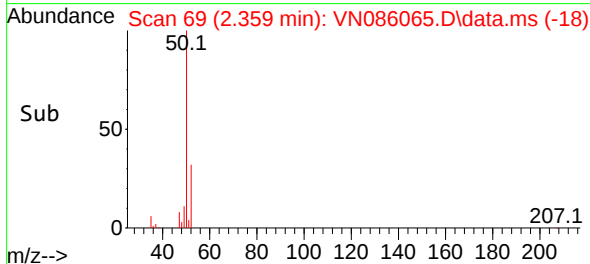
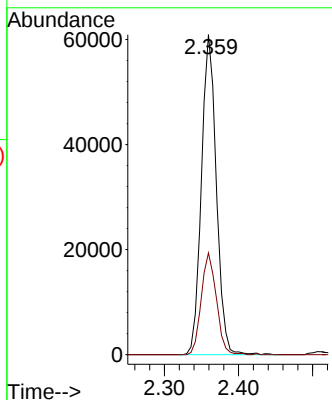
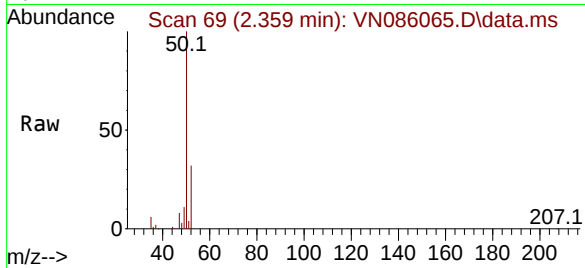




#3  
Chloromethane  
Concen: 45.593 ug/l  
RT: 2.359 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

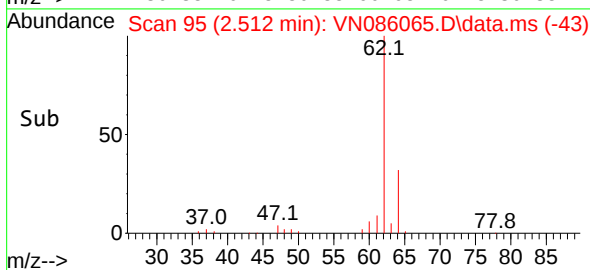
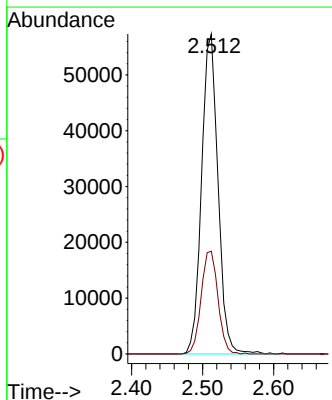
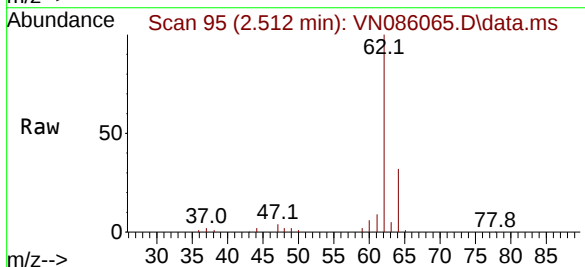
Instrument :  
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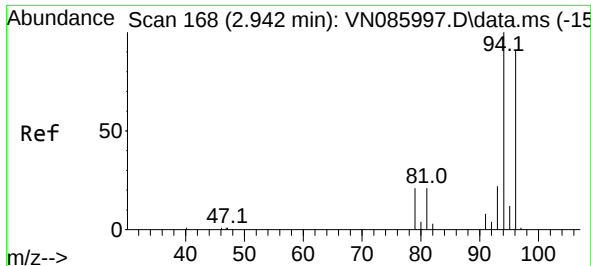
Tgt Ion: 50 Resp: 85167  
Ion Ratio Lower Upper  
50 100  
52 31.8 26.0 39.0



#4  
Vinyl Chloride  
Concen: 48.300 ug/l  
RT: 2.512 min Scan# 95  
Delta R.T. 0.006 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

Tgt Ion: 62 Resp: 92250  
Ion Ratio Lower Upper  
62 100  
64 32.1 25.2 37.8

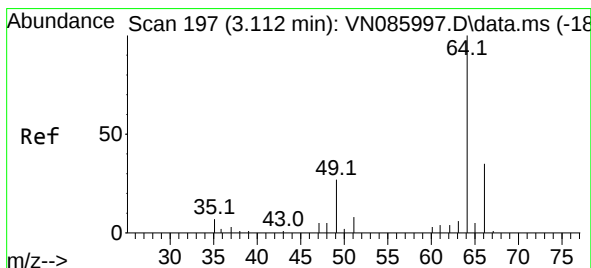
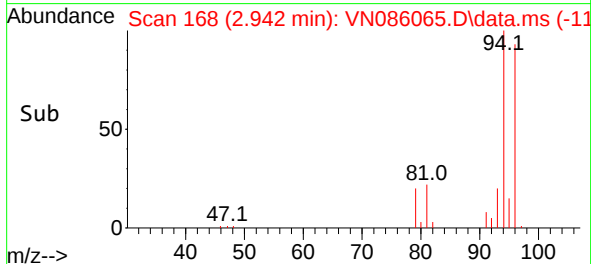
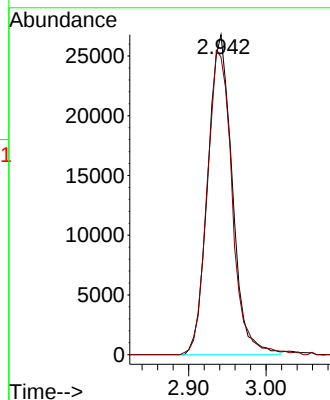
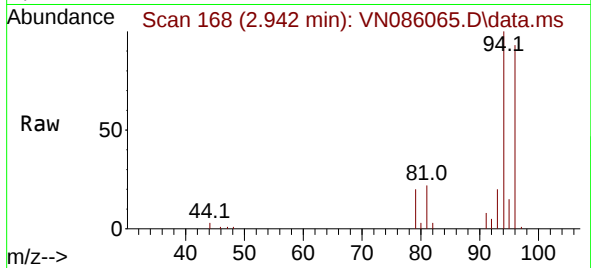




#5  
Bromomethane  
Concen: 45.072 ug/l  
RT: 2.942 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

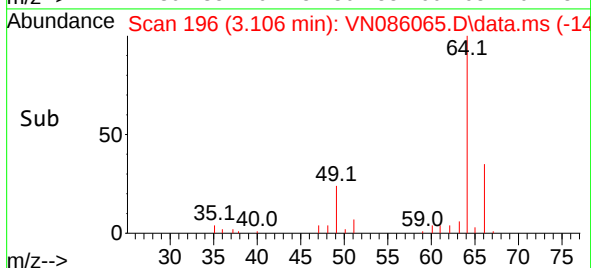
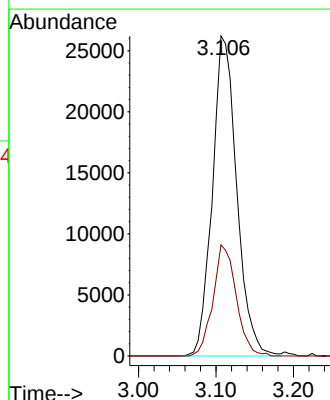
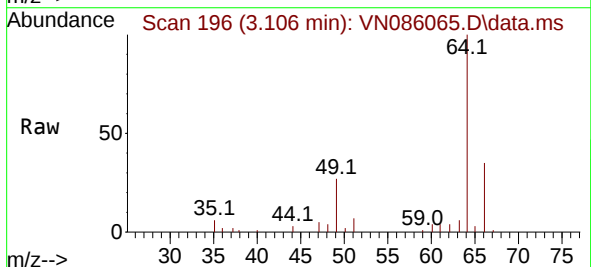
Instrument :  
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VSTDCCC050

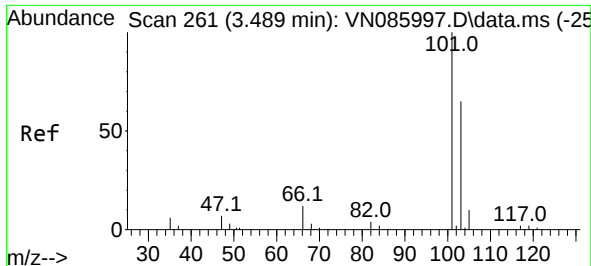
Tgt Ion: 94 Resp: 58638  
Ion Ratio Lower Upper  
94 100  
96 93.0 72.8 109.2



#6  
Chloroethane  
Concen: 47.605 ug/l  
RT: 3.106 min Scan# 196  
Delta R.T. -0.006 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

Tgt Ion: 64 Resp: 57359  
Ion Ratio Lower Upper  
64 100  
66 34.7 28.3 42.5

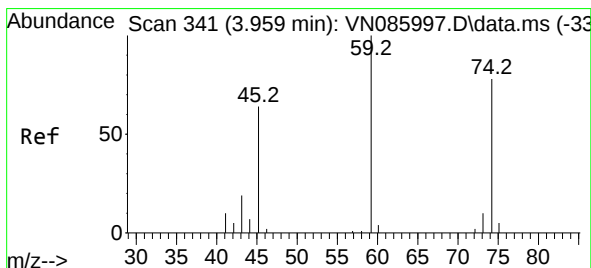
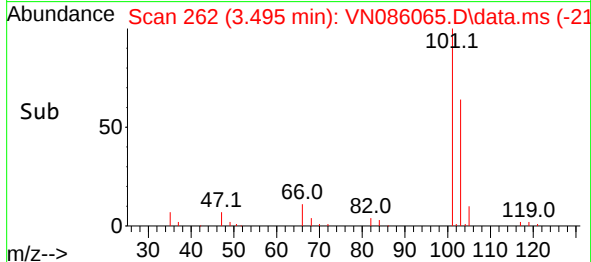
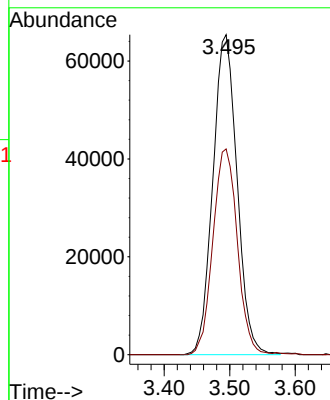
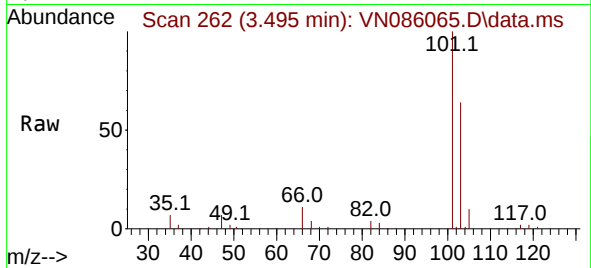




#7  
 Trichlorofluoromethane  
 Concen: 48.771 ug/l  
 RT: 3.495 min Scan# 261  
 Delta R.T. 0.006 min  
 Lab File: VN086065.D  
 Acq: 24 Mar 2025 12:03

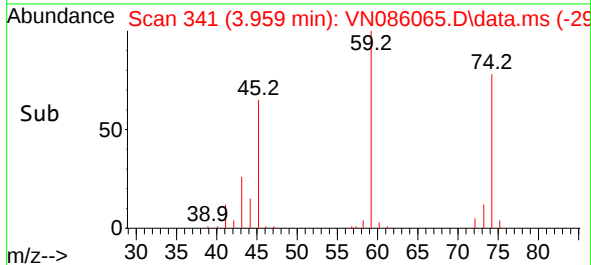
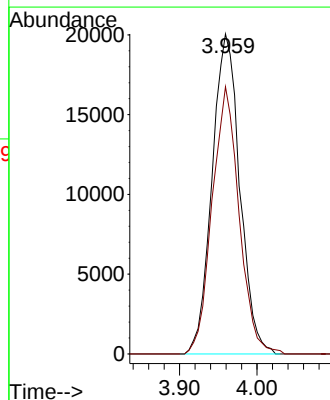
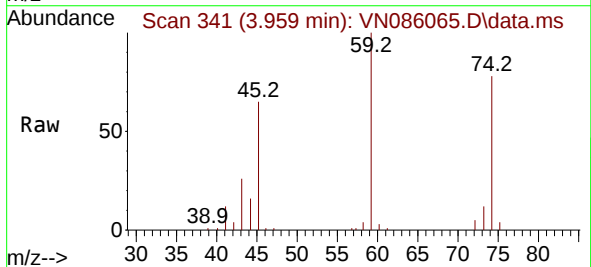
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

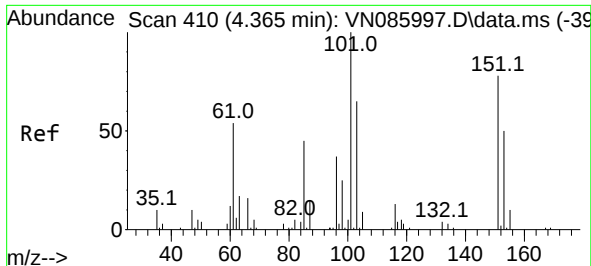
Tgt Ion:101 Resp: 167450  
 Ion Ratio Lower Upper  
 101 100  
 103 64.3 51.7 77.5



#8  
 Diethyl Ether  
 Concen: 47.519 ug/l  
 RT: 3.959 min Scan# 341  
 Delta R.T. -0.000 min  
 Lab File: VN086065.D  
 Acq: 24 Mar 2025 12:03

Tgt Ion: 74 Resp: 49946  
 Ion Ratio Lower Upper  
 74 100  
 45 81.1 38.0 113.9

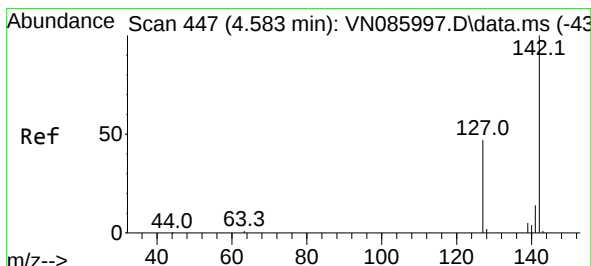
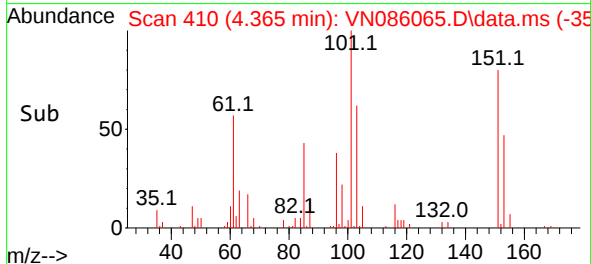
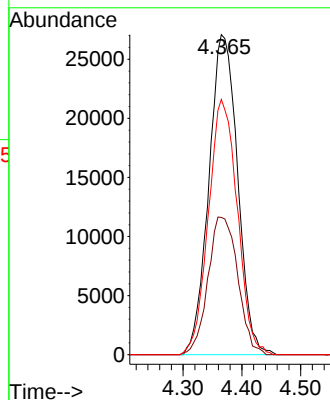
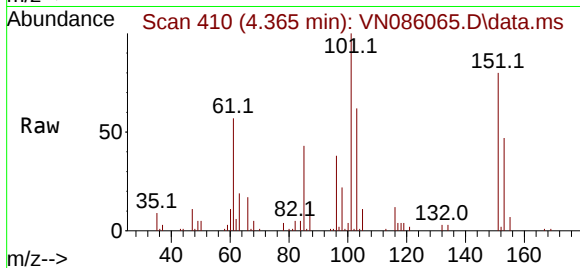




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 50.318 ug/l  
RT: 4.365 min Scan# 410  
Delta R.T. -0.000 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

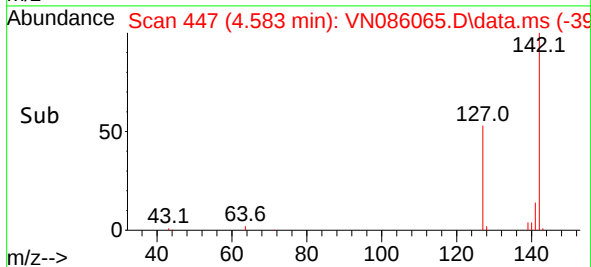
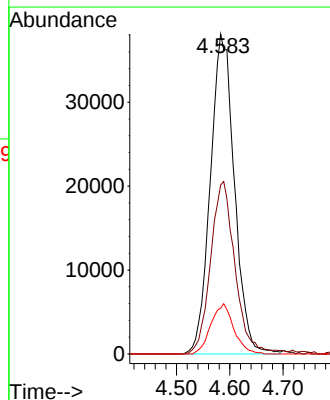
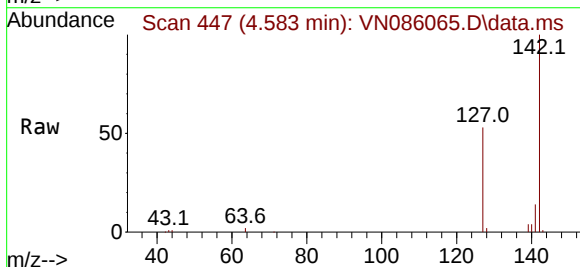
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

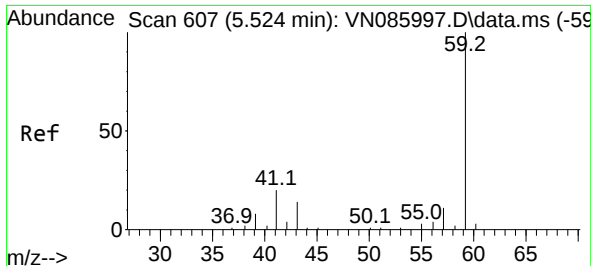
Tgt Ion:101 Resp: 91819  
Ion Ratio Lower Upper  
101 100  
85 44.6 36.5 54.7  
151 80.2 63.4 95.0



#10  
Methyl Iodide  
Concen: 50.225 ug/l  
RT: 4.583 min Scan# 447  
Delta R.T. -0.000 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

Tgt Ion:142 Resp: 119418  
Ion Ratio Lower Upper  
142 100  
127 52.9 37.5 56.3  
141 14.3 11.0 16.6

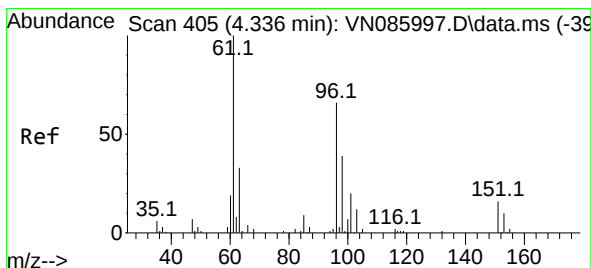
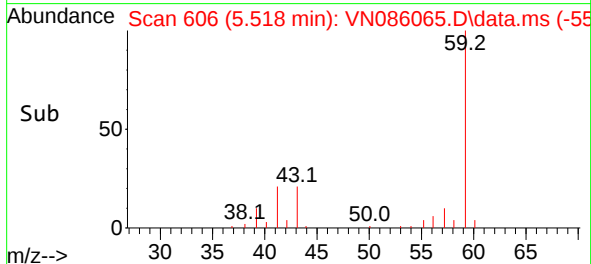
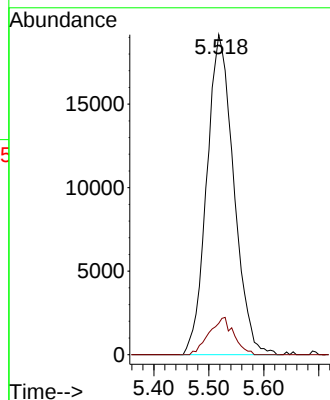
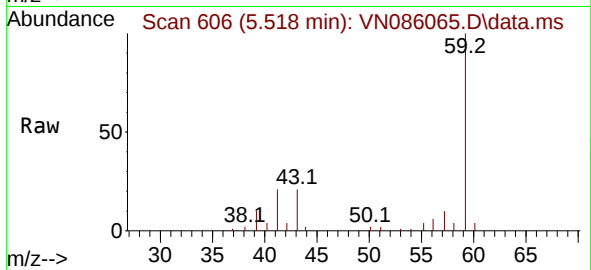




#11  
Tert butyl alcohol  
Concen: 209.563 ug/l  
RT: 5.518 min Scan# 607  
Delta R.T. -0.006 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

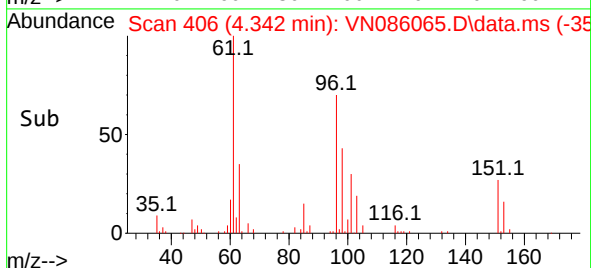
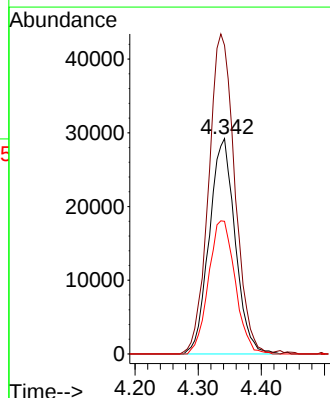
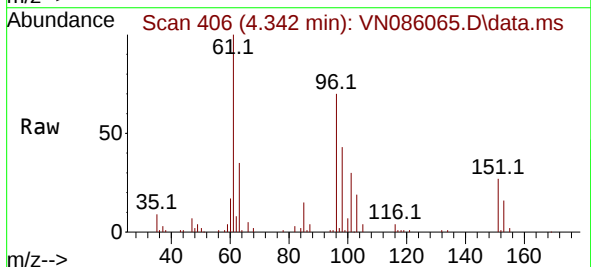
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

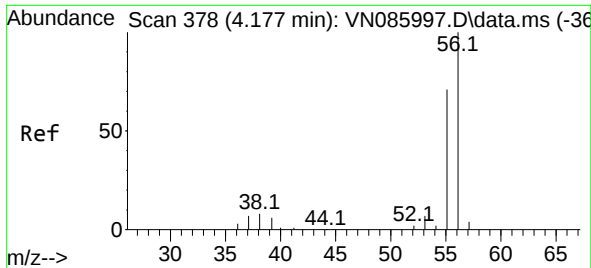
Tgt Ion: 59 Resp: 65344  
Ion Ratio Lower Upper  
59 100  
57 10.6 7.9 11.9



#12  
1,1-Dichloroethene  
Concen: 50.575 ug/l  
RT: 4.342 min Scan# 406  
Delta R.T. 0.006 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

Tgt Ion: 96 Resp: 83333  
Ion Ratio Lower Upper  
96 100  
61 143.3 120.5 180.7  
98 61.5 47.4 71.0

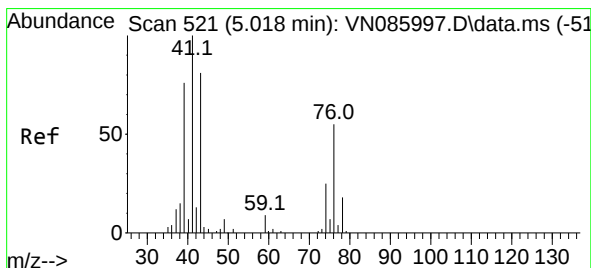
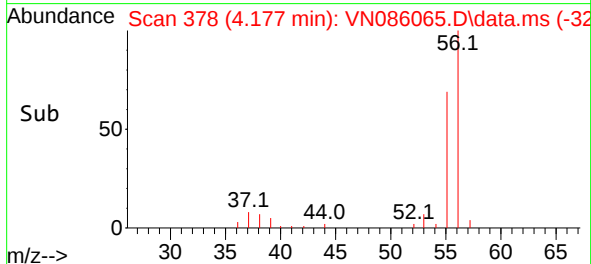
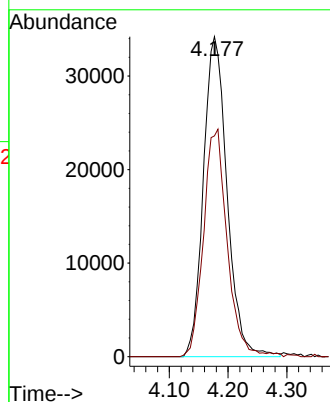
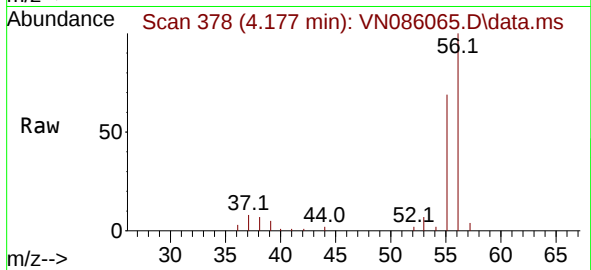




#13  
Acrolein  
Concen: 288.126 ug/l  
RT: 4.177 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

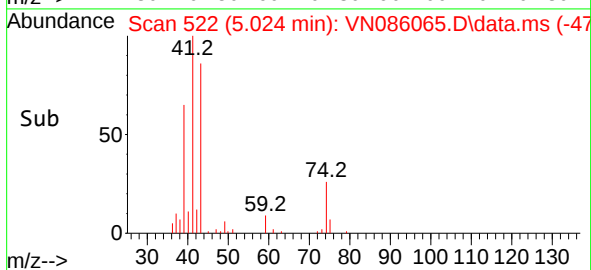
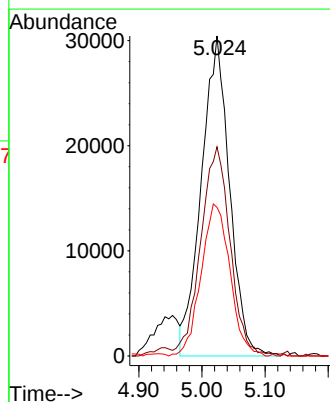
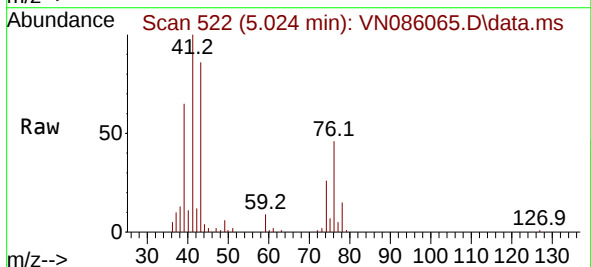
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

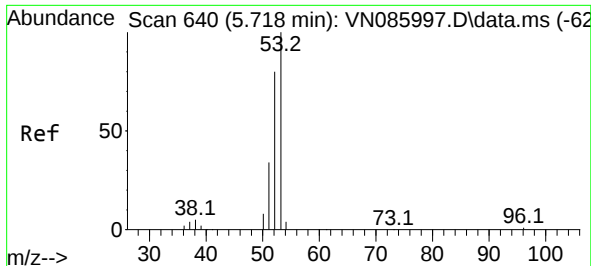
Tgt Ion: 56 Resp: 95822  
Ion Ratio Lower Upper  
56 100  
55 70.6 55.1 82.7



#14  
Allyl chloride  
Concen: 45.847 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. 0.006 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

Tgt Ion: 41 Resp: 94243  
Ion Ratio Lower Upper  
41 100  
39 67.3 55.5 83.3  
76 48.7 39.1 58.7

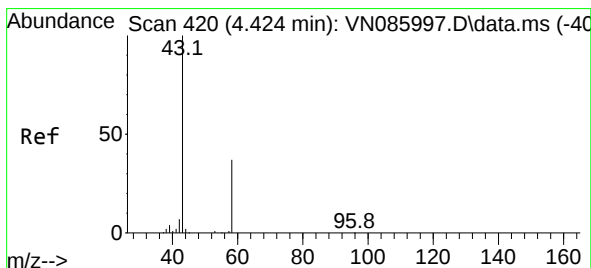
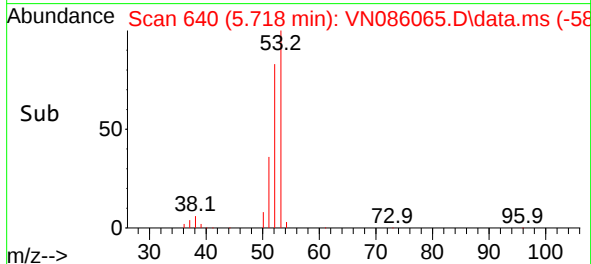
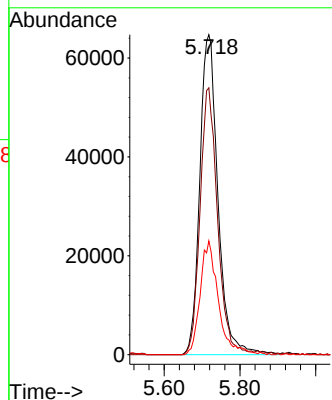
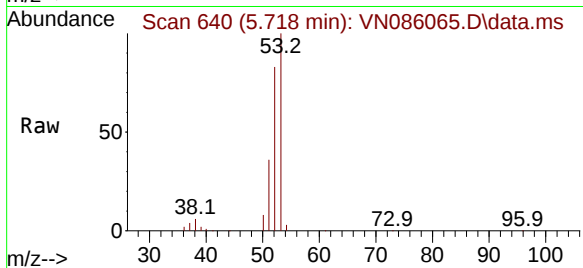




#15  
Acrylonitrile  
Concen: 262.123 ug/l  
RT: 5.718 min Scan# 640  
Delta R.T. -0.000 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

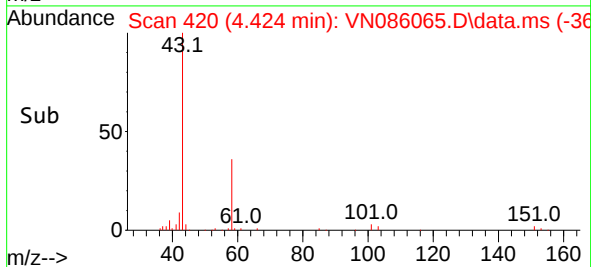
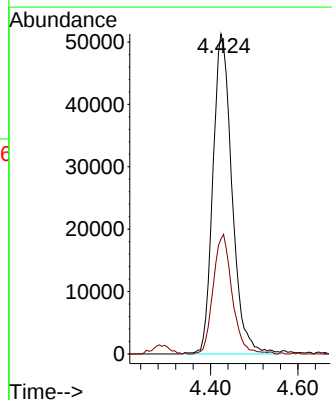
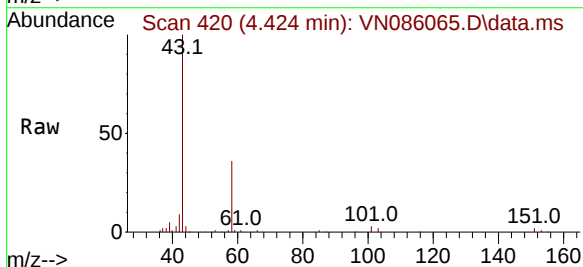
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

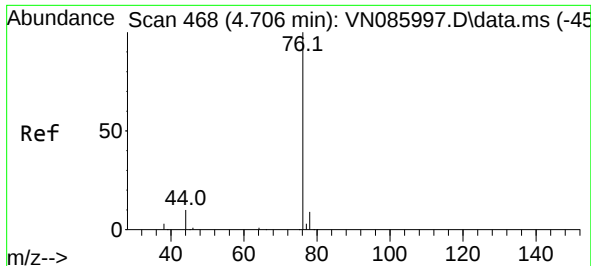
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 53    | Resp: | 215855 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 80.2  | 63.9  | 95.9   |
| 51       | 35.4  | 27.1  | 40.7   |



#16  
Acetone  
Concen: 231.367 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. -0.000 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 155671 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 35.6  | 29.4  | 44.2   |

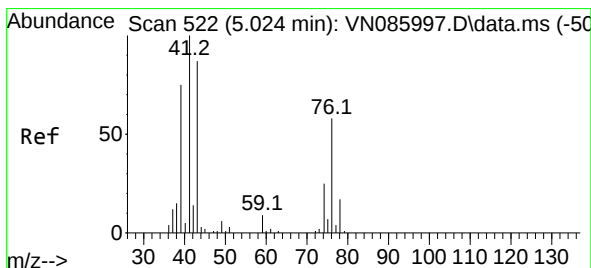
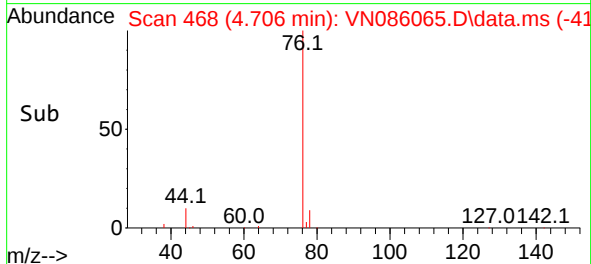
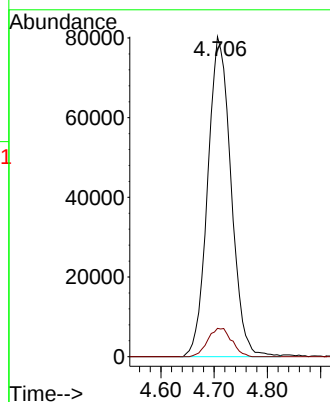
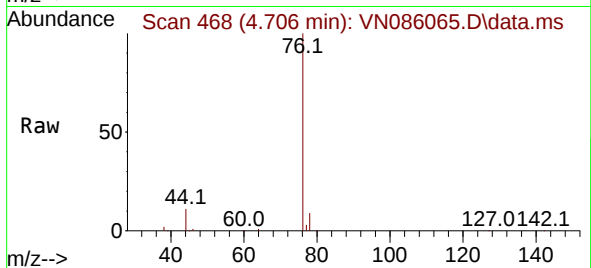




#17  
Carbon Disulfide  
Concen: 45.071 ug/l  
RT: 4.706 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

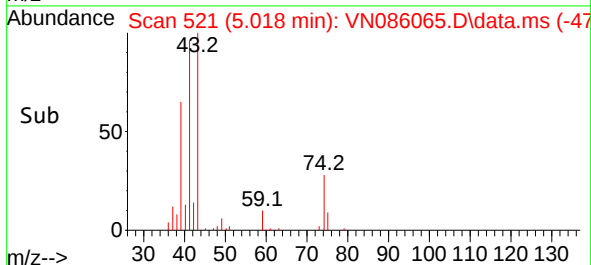
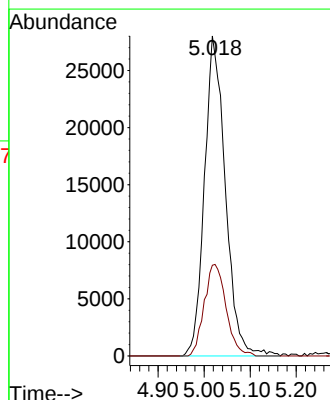
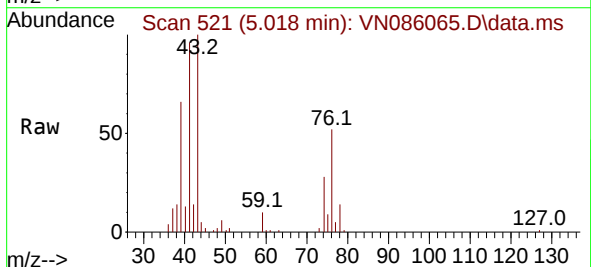
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

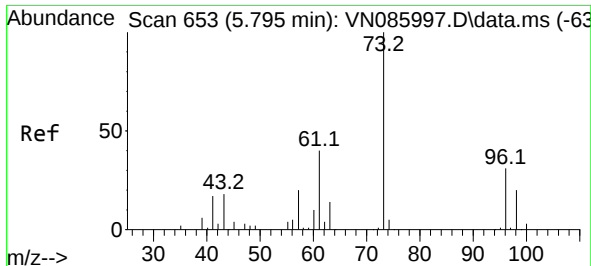
Tgt Ion: 76 Resp: 244233  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.4 11.2



#18  
Methyl Acetate  
Concen: 53.237 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. -0.006 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

Tgt Ion: 43 Resp: 88624  
Ion Ratio Lower Upper  
43 100  
74 29.8 23.9 35.9





#19

Methyl tert-butyl Ether

Concen: 51.290 ug/l

RT: 5.794 min Scan# 61

Delta R.T. -0.000 min

Lab File: VN086065.D

Acq: 24 Mar 2025 12:03

Instrument :

MSVOA\_N

ClientSampleId :

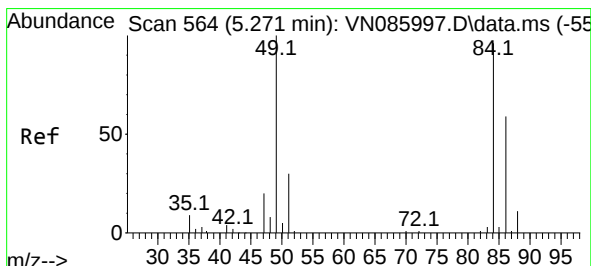
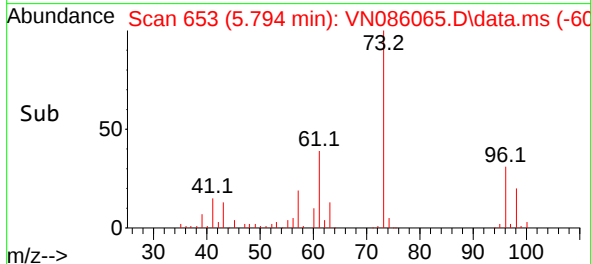
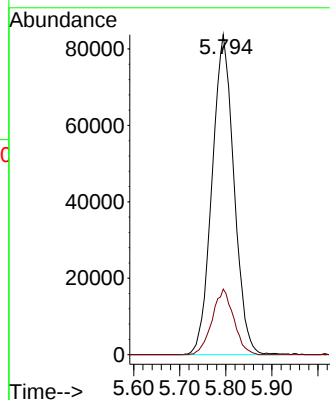
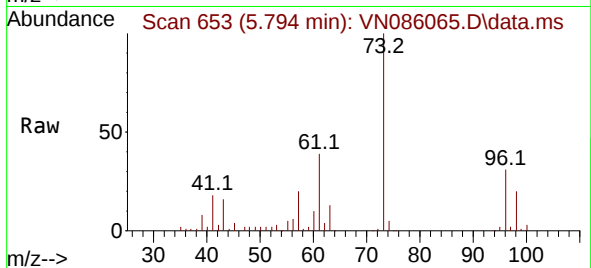
VSTDCCC050

Tgt Ion: 73 Resp: 276934

Ion Ratio Lower Upper

73 100

57 20.5 16.1 24.1



#20

Methylene Chloride

Concen: 51.902 ug/l

RT: 5.271 min Scan# 564

Delta R.T. -0.000 min

Lab File: VN086065.D

Acq: 24 Mar 2025 12:03

Tgt Ion: 84 Resp: 102160

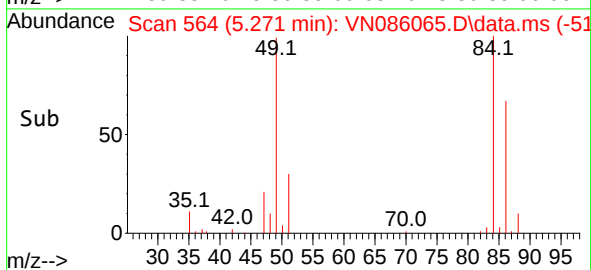
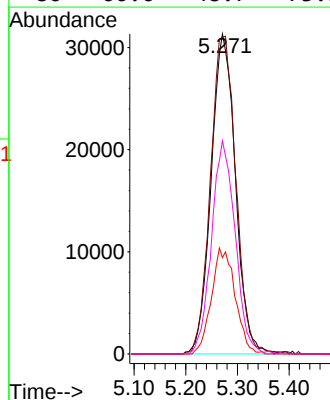
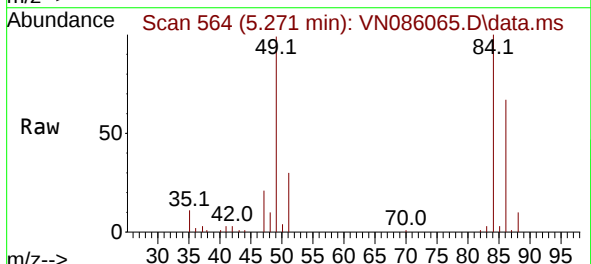
Ion Ratio Lower Upper

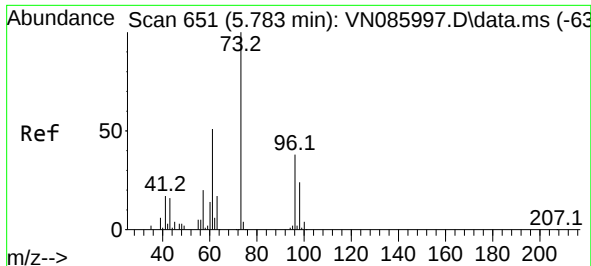
84 100

49 98.9 83.3 124.9

51 30.1 24.8 37.2

86 66.6 48.7 73.1

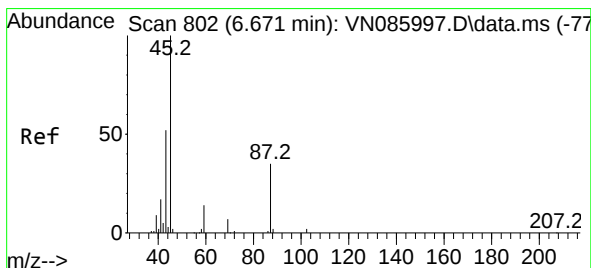
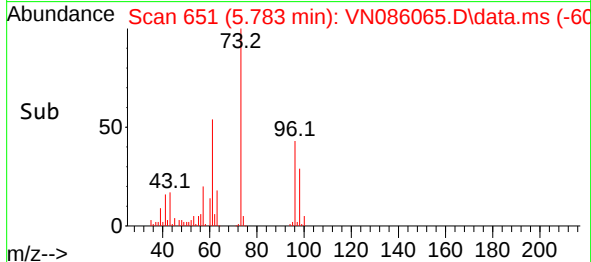
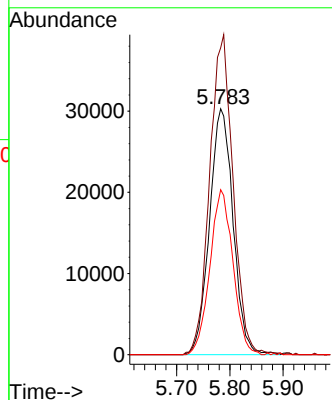
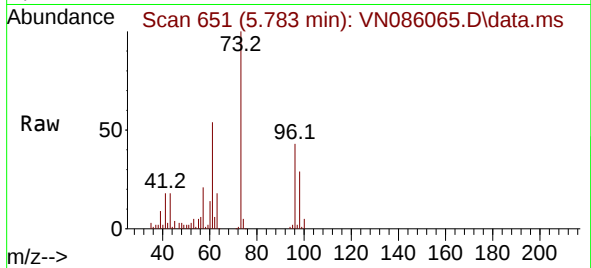




#21  
trans-1,2-Dichloroethene  
Concen: 51.746 ug/l  
RT: 5.783 min Scan# 651  
Delta R.T. -0.000 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

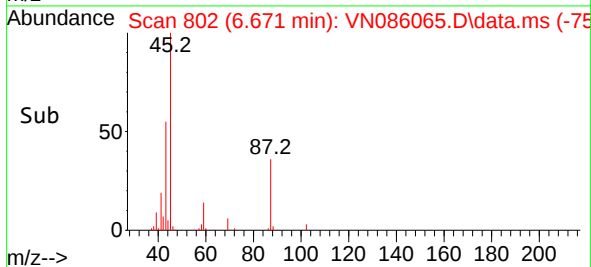
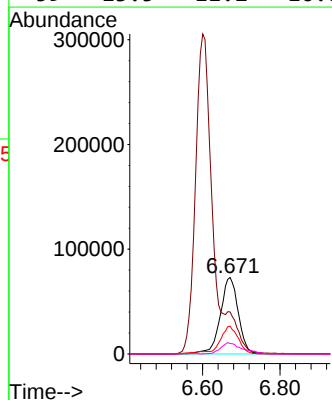
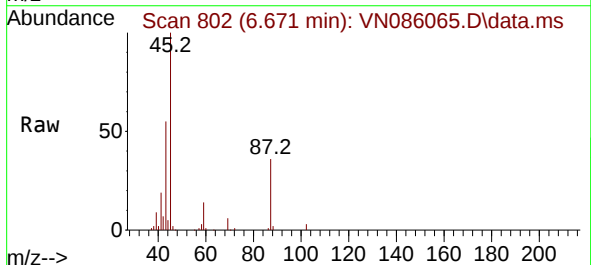
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

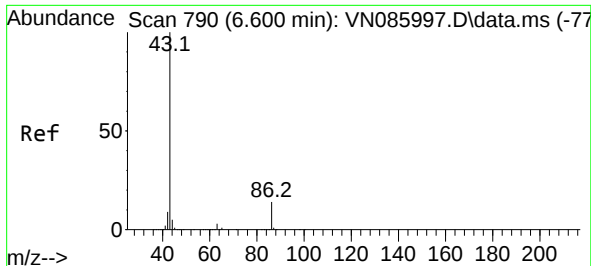
Tgt Ion: 96 Resp: 93179  
Ion Ratio Lower Upper  
96 100  
61 124.8 106.6 160.0  
98 67.1 50.0 75.0



#22  
Diisopropyl ether  
Concen: 53.546 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. -0.000 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

Tgt Ion: 45 Resp: 234557  
Ion Ratio Lower Upper  
45 100  
43 54.2 41.2 61.8  
87 36.4 28.5 42.7  
59 13.5 11.2 16.8

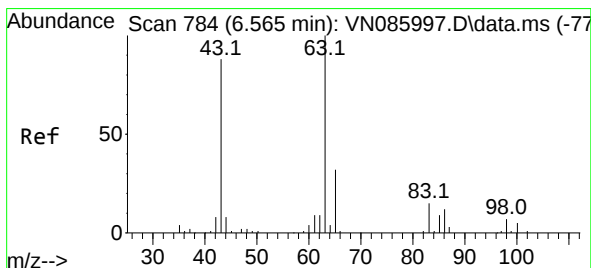
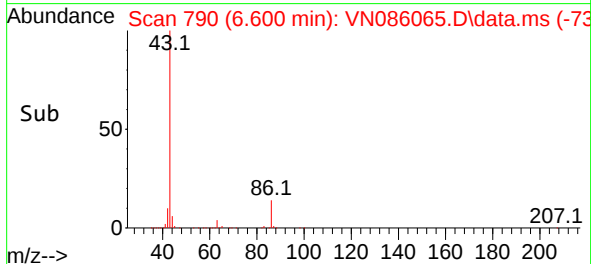
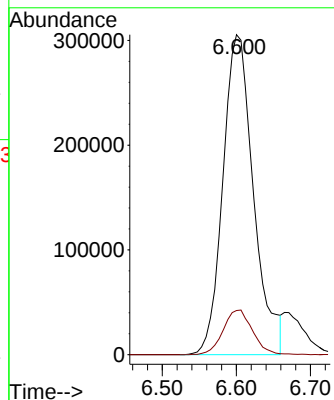
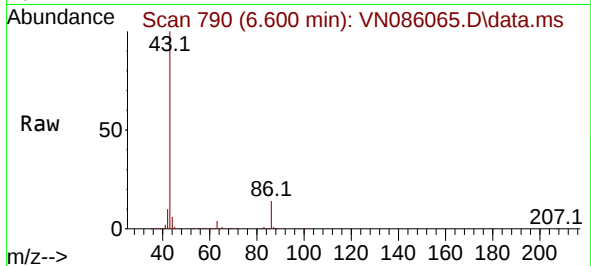




#23  
 Vinyl Acetate  
 Concen: 264.334 ug/l  
 RT: 6.600 min Scan# 790  
 Delta R.T. -0.000 min  
 Lab File: VN086065.D  
 Acq: 24 Mar 2025 12:03

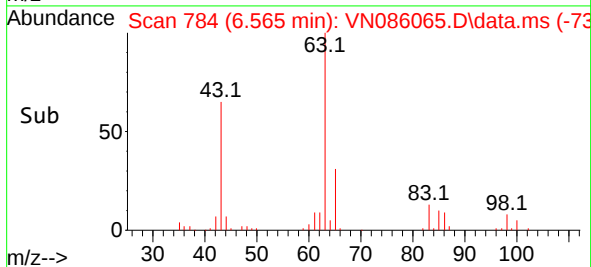
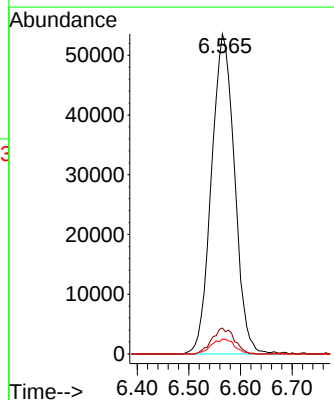
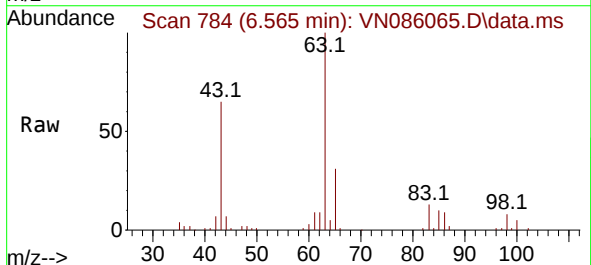
Instrument :  
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 ClientSampleId :  
 VSTDCCC050

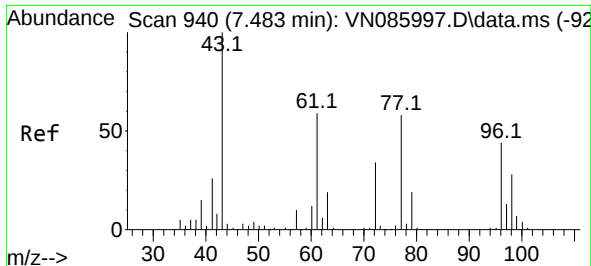
Tgt Ion: 43 Resp: 877767  
 Ion Ratio Lower Upper  
 43 100  
 86 13.8 11.2 16.8



#24  
 1,1-Dichloroethane  
 Concen: 51.681 ug/l  
 RT: 6.565 min Scan# 784  
 Delta R.T. -0.000 min  
 Lab File: VN086065.D  
 Acq: 24 Mar 2025 12:03

Tgt Ion: 63 Resp: 166473  
 Ion Ratio Lower Upper  
 63 100  
 98 8.1 3.6 10.9  
 100 4.7 2.5 7.5

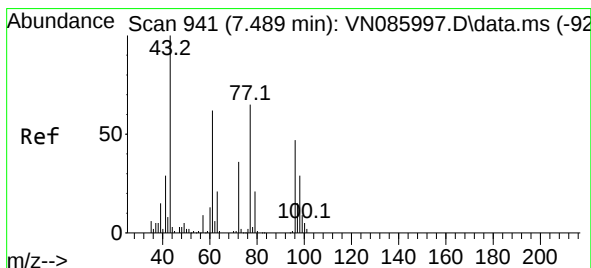
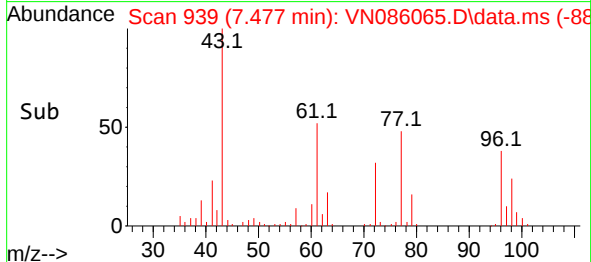
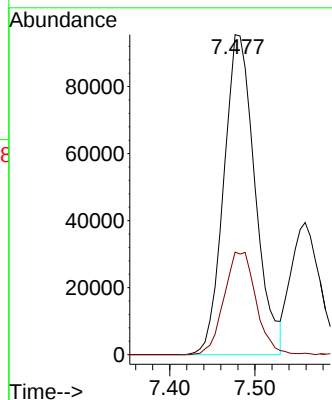
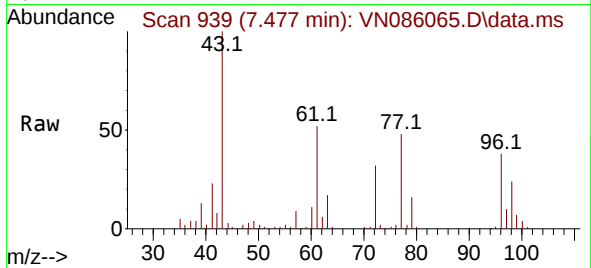




#25  
2-Butanone  
Concen: 251.070 ug/l  
RT: 7.477 min Scan# 911  
Delta R.T. -0.006 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

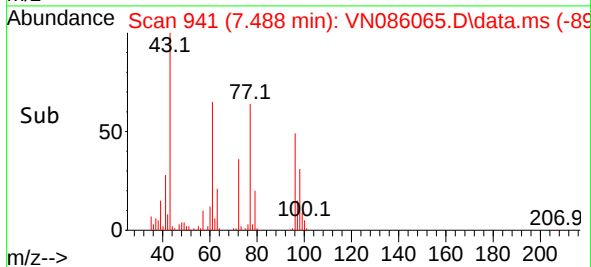
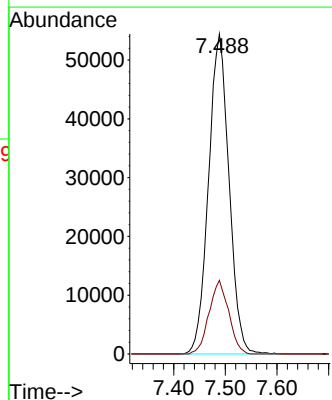
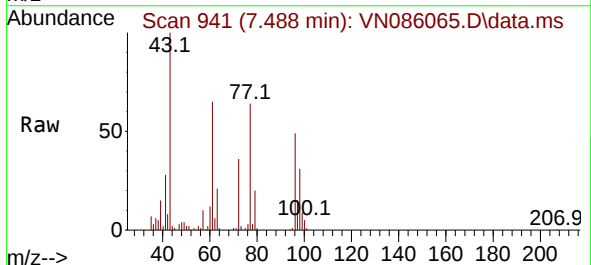
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050

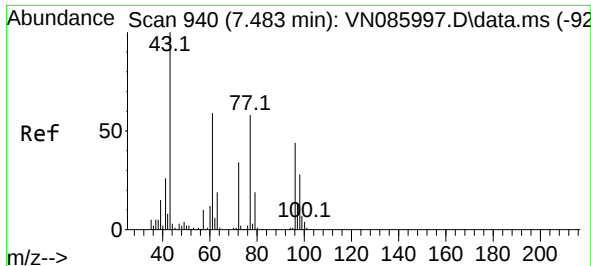
Tgt Ion: 43 Resp: 243752  
Ion Ratio Lower Upper  
43 100  
72 32.0 27.4 41.0



#26  
2,2-Dichloropropane  
Concen: 48.257 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. -0.000 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

Tgt Ion: 77 Resp: 149654  
Ion Ratio Lower Upper  
77 100  
97 22.1 11.2 33.5

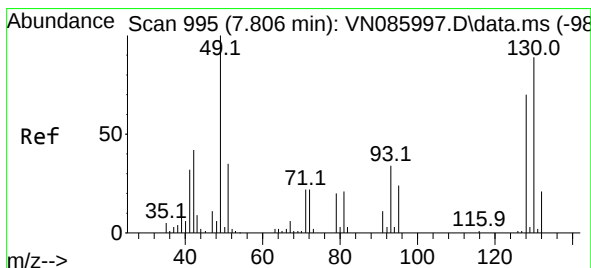
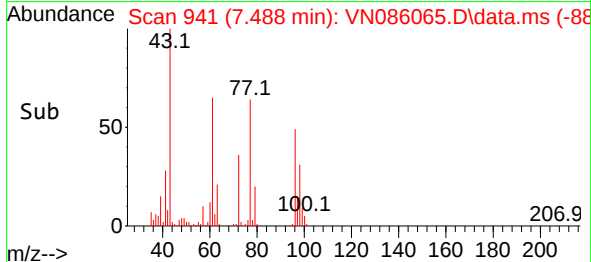
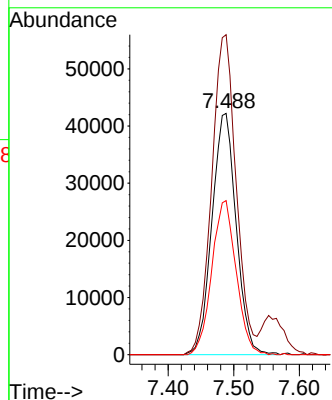
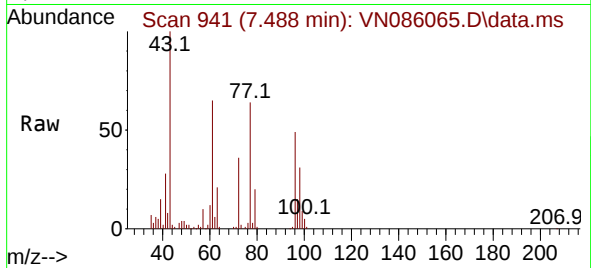




#27  
 cis-1,2-Dichloroethene  
 Concen: 52.939 ug/l  
 RT: 7.488 min Scan# 941  
 Delta R.T. 0.006 min  
 Lab File: VN086065.D  
 Acq: 24 Mar 2025 12:03

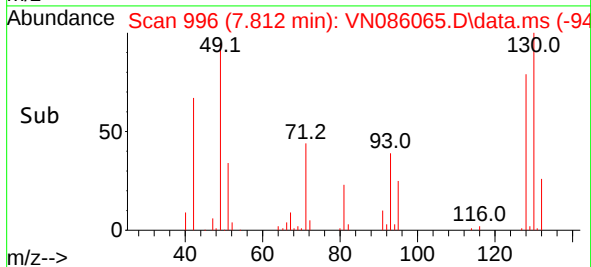
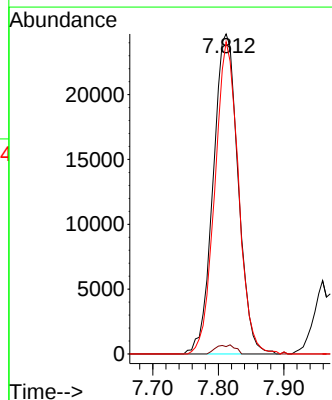
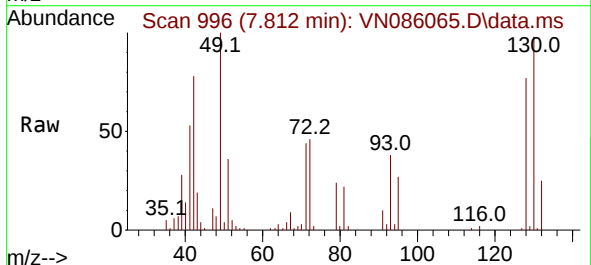
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

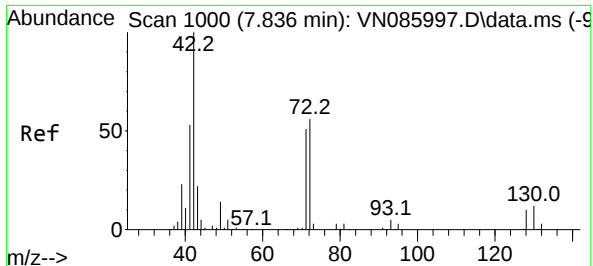
Tgt Ion: 96 Resp: 108327  
 Ion Ratio Lower Upper  
 96 100  
 61 134.5 0.0 272.8  
 98 64.2 0.0 124.8



#28  
 Bromochloromethane  
 Concen: 47.726 ug/l  
 RT: 7.812 min Scan# 996  
 Delta R.T. 0.006 min  
 Lab File: VN086065.D  
 Acq: 24 Mar 2025 12:03

Tgt Ion: 49 Resp: 65134  
 Ion Ratio Lower Upper  
 49 100  
 129 2.2 0.0 4.2  
 130 92.3 74.2 111.4





#29

Tetrahydrofuran

Concen: 275.601 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086065.D

Acq: 24 Mar 2025 12:03

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

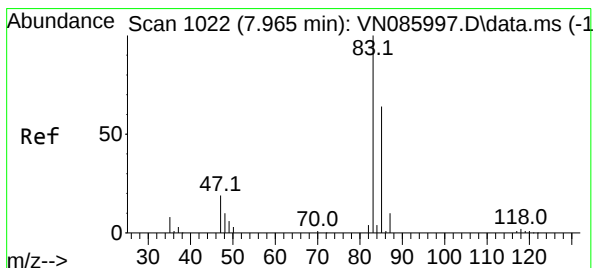
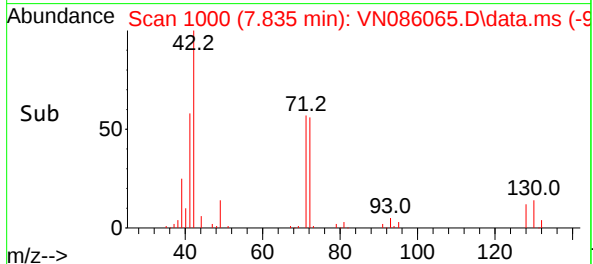
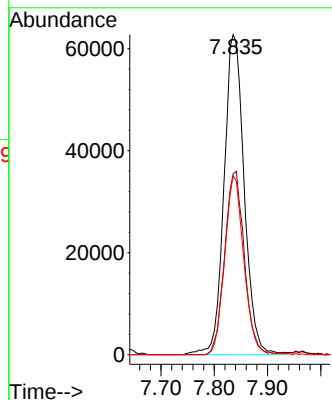
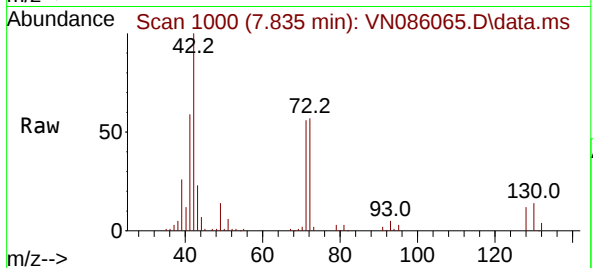
Tgt Ion: 42 Resp: 165187

Ion Ratio Lower Upper

42 100

72 55.6 45.0 67.4

71 53.2 41.9 62.9



#30

Chloroform

Concen: 52.594 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN086065.D

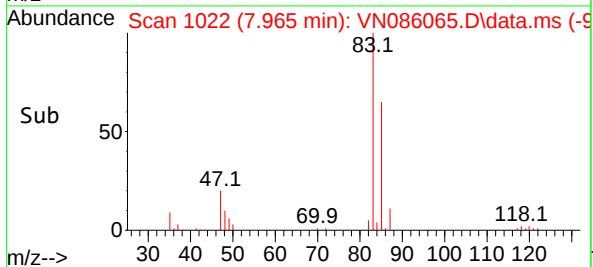
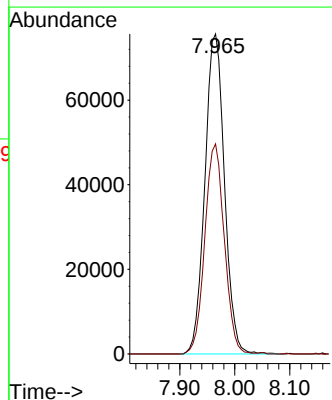
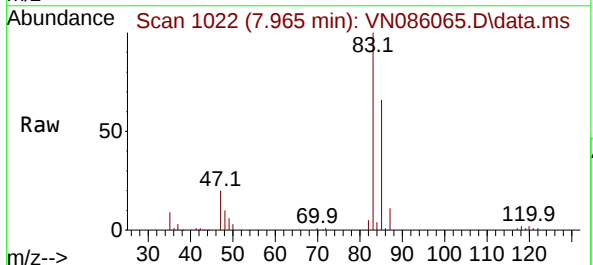
Acq: 24 Mar 2025 12:03

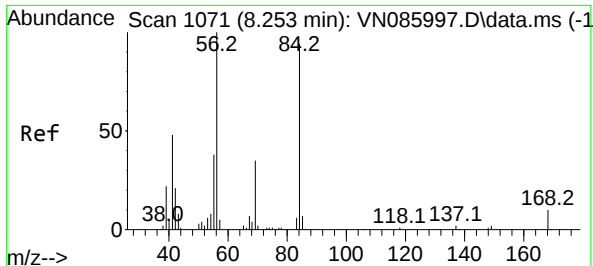
Tgt Ion: 83 Resp: 187259

Ion Ratio Lower Upper

83 100

85 65.6 51.5 77.3

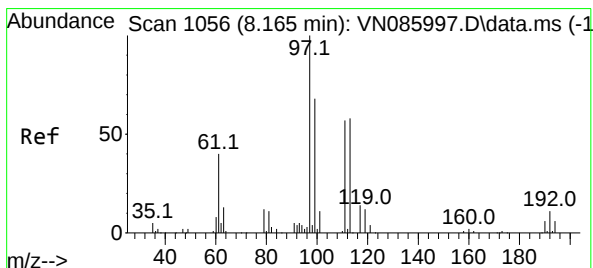
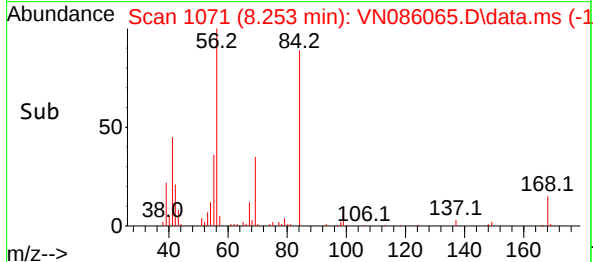
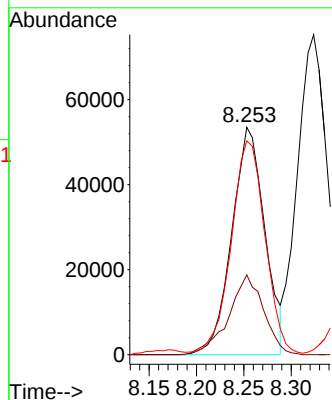
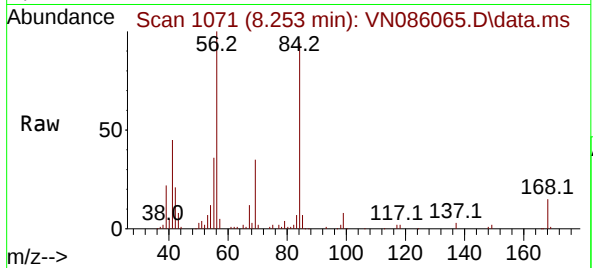




#31  
Cyclohexane  
Concen: 47.294 ug/l  
RT: 8.253 min Scan# 1071  
Delta R.T. -0.000 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

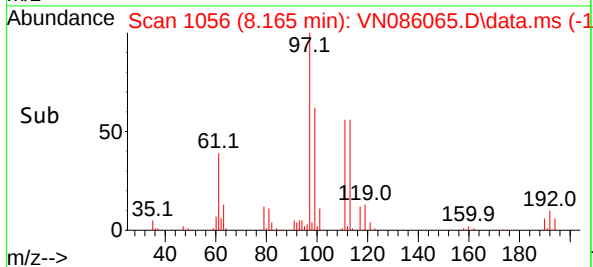
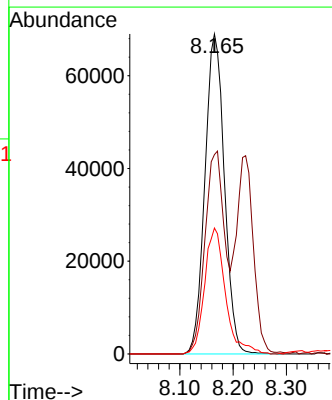
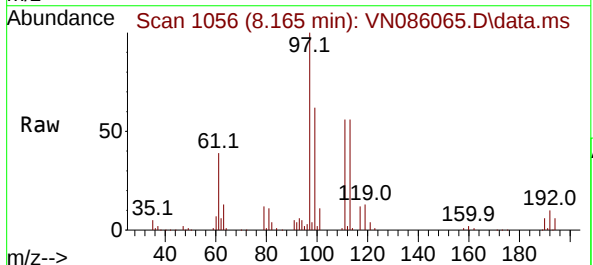
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

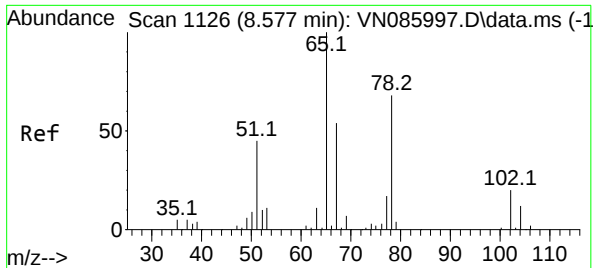
Tgt Ion: 56 Resp: 129779  
Ion Ratio Lower Upper  
56 100  
69 35.1 28.0 42.0  
84 92.6 75.0 112.6



#32  
1,1,1-Trichloroethane  
Concen: 51.965 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

Tgt Ion: 97 Resp: 175140  
Ion Ratio Lower Upper  
97 100  
99 64.5 52.8 79.2  
61 42.1 33.6 50.4

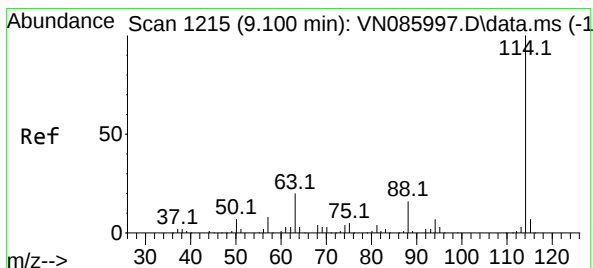
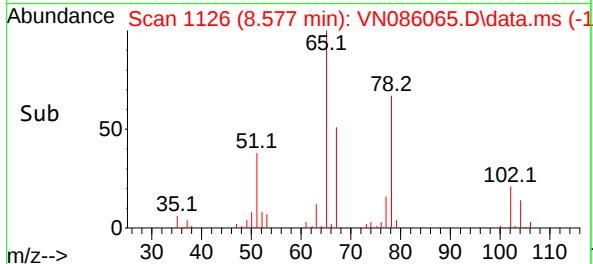
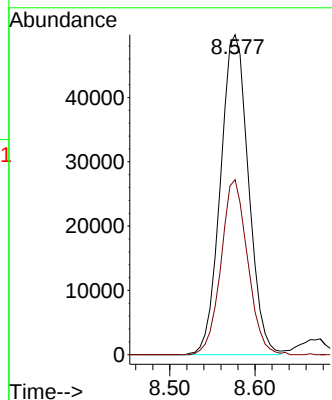
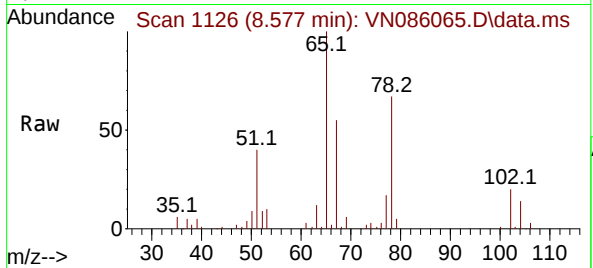




#33  
 1,2-Dichloroethane-d4  
 Concen: 51.615 ug/l  
 RT: 8.577 min Scan# 1126  
 Delta R.T. -0.000 min  
 Lab File: VN086065.D  
 Acq: 24 Mar 2025 12:03

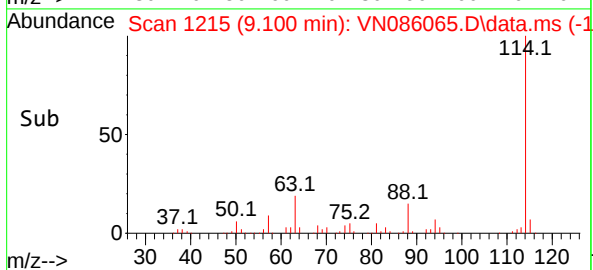
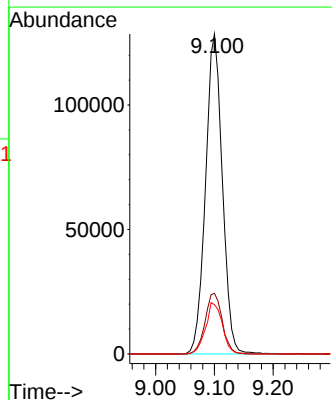
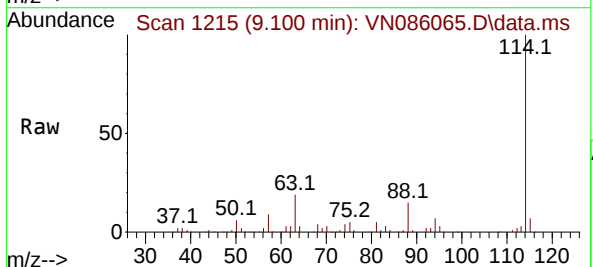
Instrument :  
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 ClientSampleId :  
 VSTDCCC050

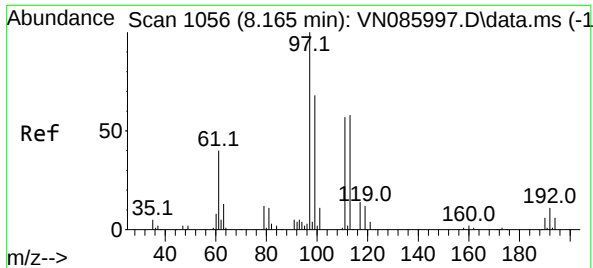
Tgt Ion: 65 Resp: 113674  
 Ion Ratio Lower Upper  
 65 100  
 67 52.1 0.0 102.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 9.100 min Scan# 1215  
 Delta R.T. -0.000 min  
 Lab File: VN086065.D  
 Acq: 24 Mar 2025 12:03

Tgt Ion: 114 Resp: 254989  
 Ion Ratio Lower Upper  
 114 100  
 63 18.9 0.0 39.6  
 88 15.4 0.0 32.6

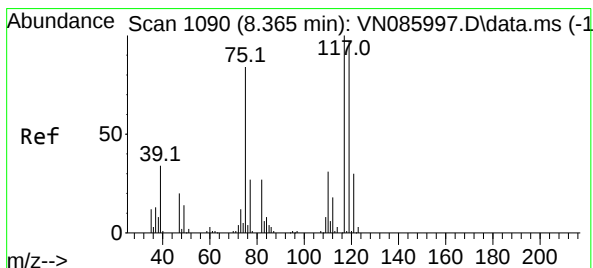
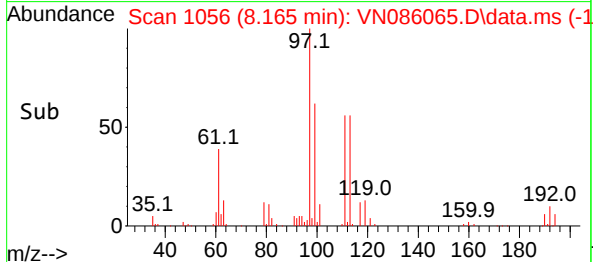
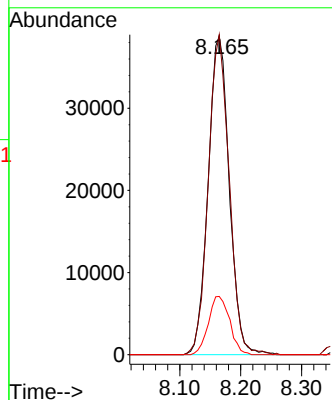
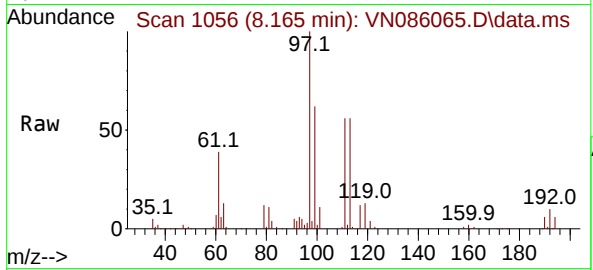




#35  
Dibromofluoromethane  
Concen: 52.552 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

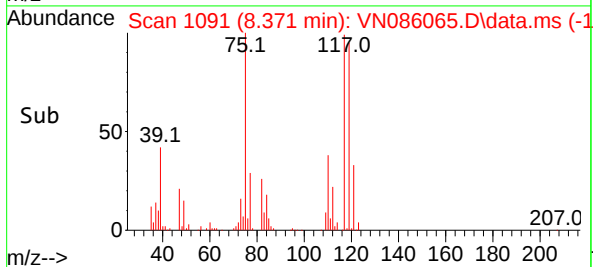
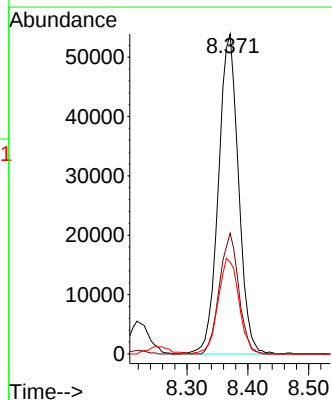
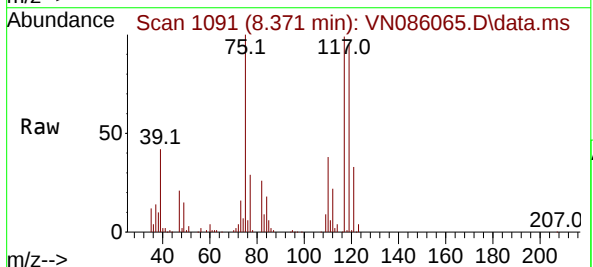
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050

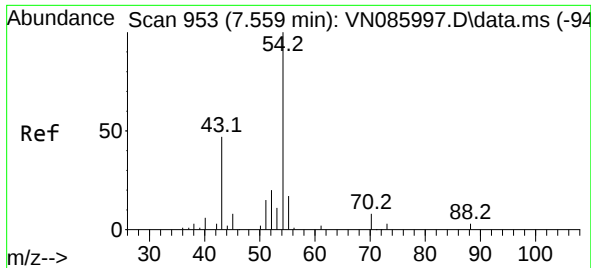
Tgt Ion:113 Resp: 93532  
Ion Ratio Lower Upper  
113 100  
111 99.1 81.8 122.8  
192 18.4 15.9 23.9



#36  
1,1-Dichloropropene  
Concen: 52.647 ug/l  
RT: 8.371 min Scan# 1091  
Delta R.T. 0.006 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

Tgt Ion: 75 Resp: 123380  
Ion Ratio Lower Upper  
75 100  
110 36.2 17.8 53.3  
77 30.9 25.0 37.4

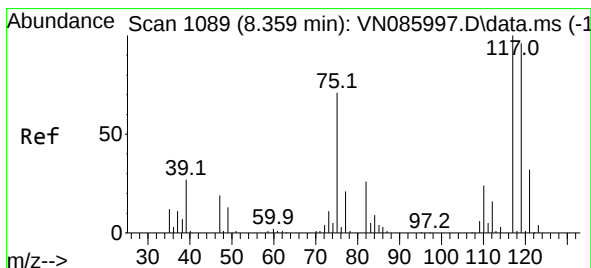
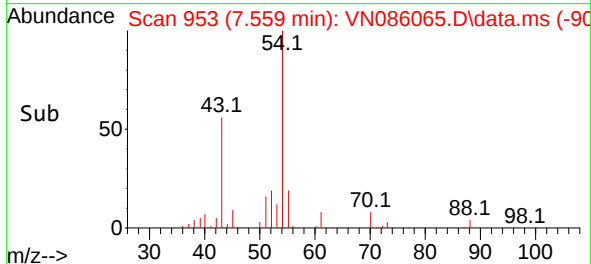
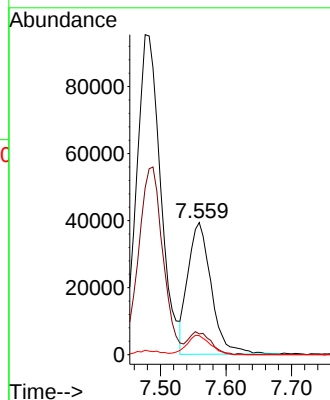
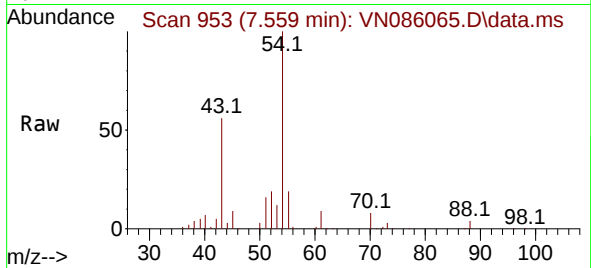




#37  
Ethyl Acetate  
Concen: 48.927 ug/l  
RT: 7.559 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

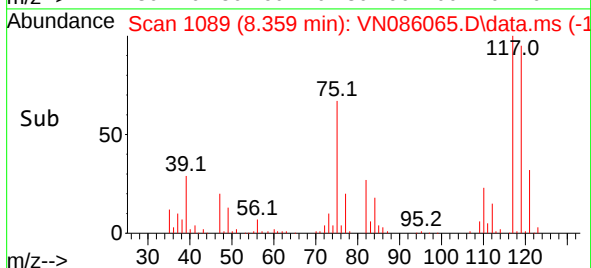
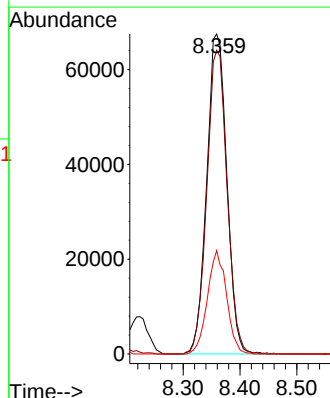
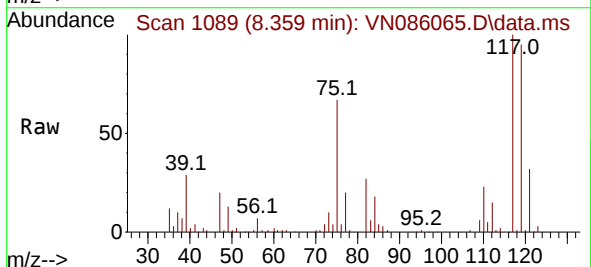
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050

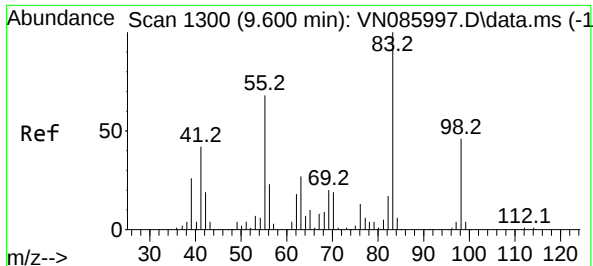
Tgt Ion: 43 Resp: 96734  
Ion Ratio Lower Upper  
43 100  
61 16.3 13.0 19.4  
70 14.9 11.0 16.6



#38  
Carbon Tetrachloride  
Concen: 53.784 ug/l  
RT: 8.359 min Scan# 1089  
Delta R.T. -0.000 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

Tgt Ion: 117 Resp: 165729  
Ion Ratio Lower Upper  
117 100  
119 94.9 77.0 115.4  
121 32.3 25.6 38.4

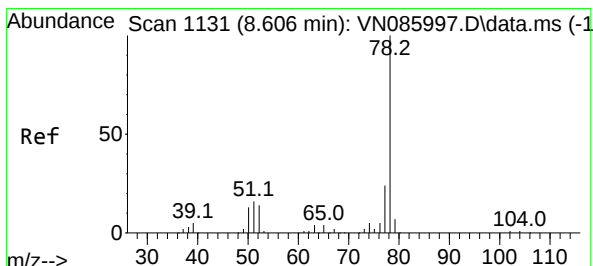
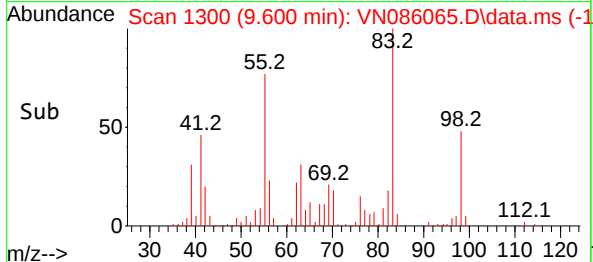
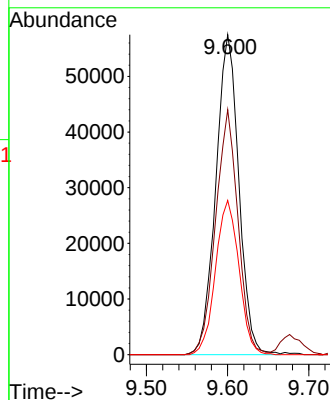
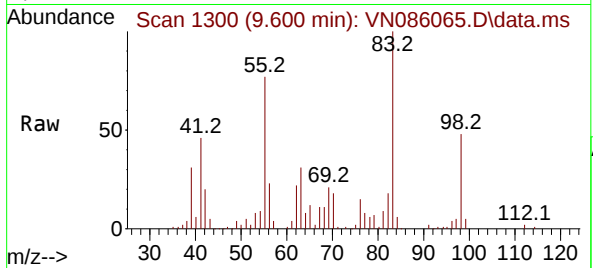




#39  
Methylcyclohexane  
Concen: 48.757 ug/l  
RT: 9.600 min Scan# 113366  
Delta R.T. -0.000 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

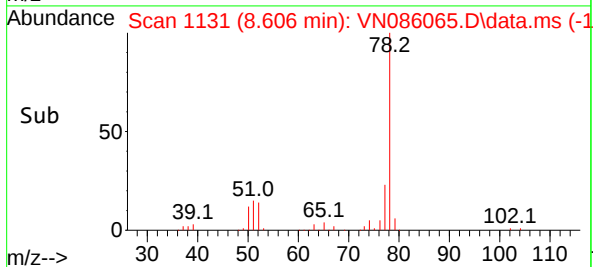
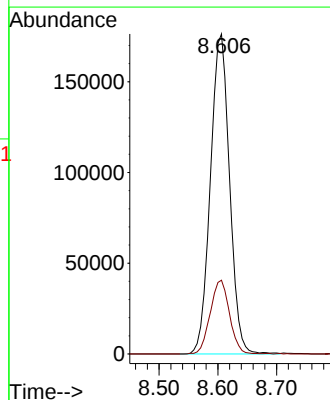
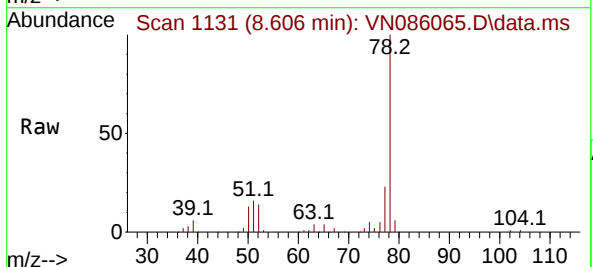
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

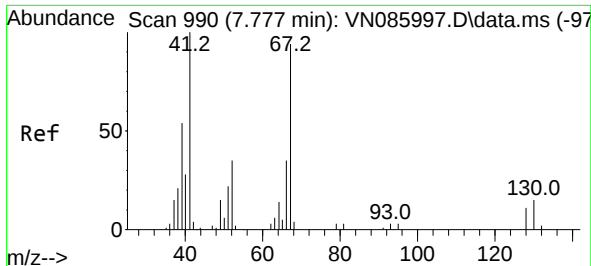
Tgt Ion: 83 Resp: 113366  
Ion Ratio Lower Upper  
83 100  
55 76.6 54.2 81.2  
98 48.2 37.1 55.7



#40  
Benzene  
Concen: 54.164 ug/l  
RT: 8.606 min Scan# 1131  
Delta R.T. -0.000 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

Tgt Ion: 78 Resp: 398483  
Ion Ratio Lower Upper  
78 100  
77 23.0 18.9 28.3

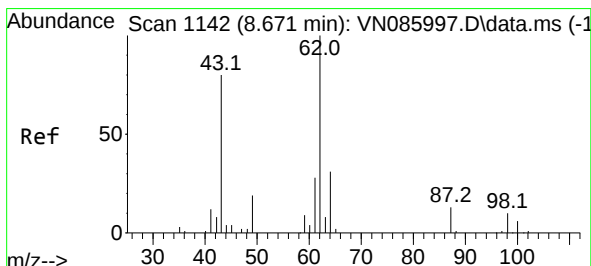
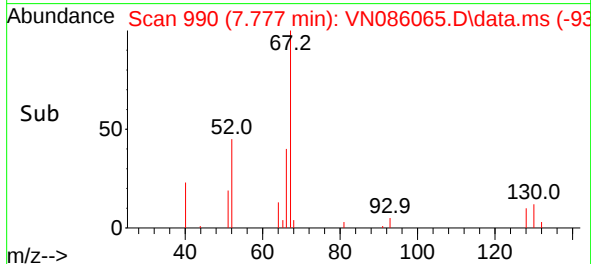
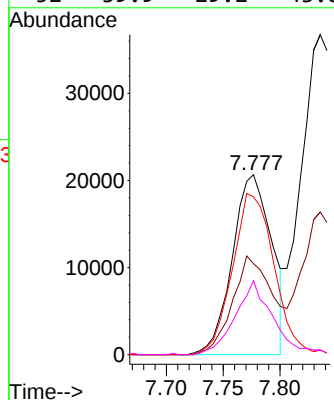
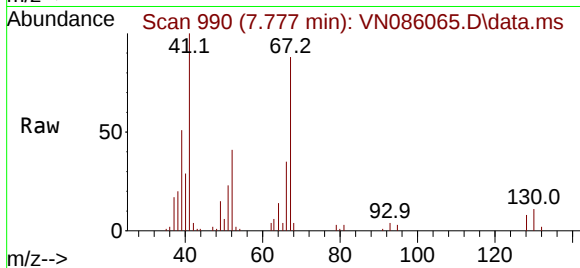




#41  
Methacrylonitrile  
Concen: 52.530 ug/l  
RT: 7.777 min Scan# 990  
Delta R.T. -0.000 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

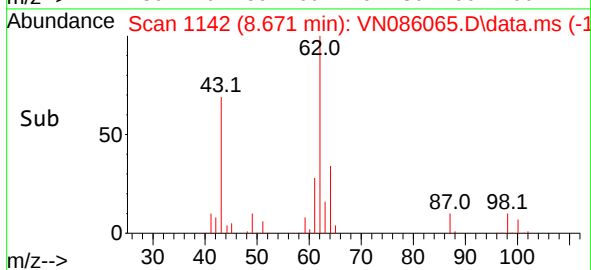
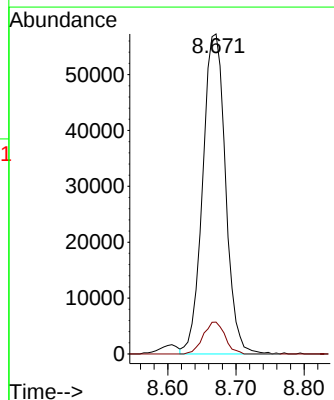
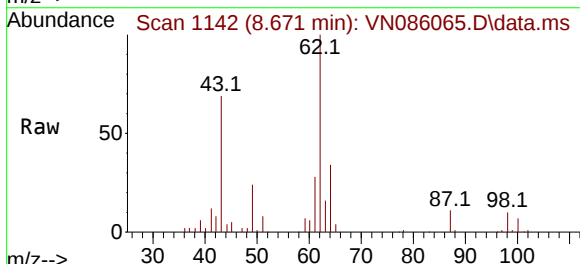
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

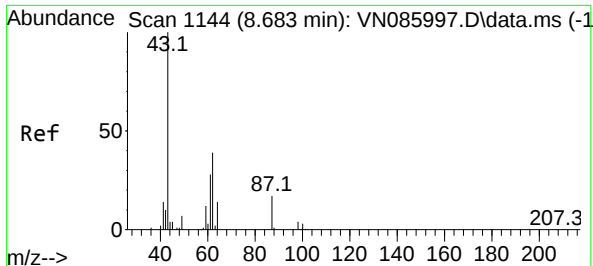
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 49592 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 57.6  | 46.2  | 69.2  |
| 67       | 95.1  | 75.9  | 113.9 |
| 52       | 39.9  | 29.2  | 43.8  |



#42  
1,2-Dichloroethane  
Concen: 52.081 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. -0.000 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 133507 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 9.5   | 0.0   | 18.6   |





#43

Isopropyl Acetate

Concen: 38.344 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.006 min

Lab File: VN086065.D

Acq: 24 Mar 2025 12:03

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

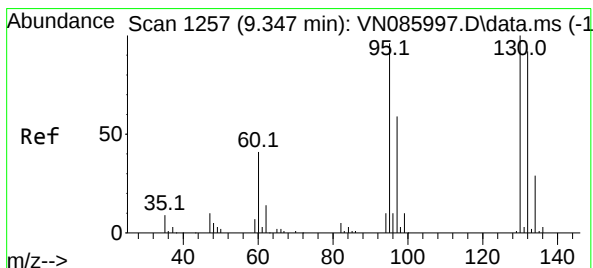
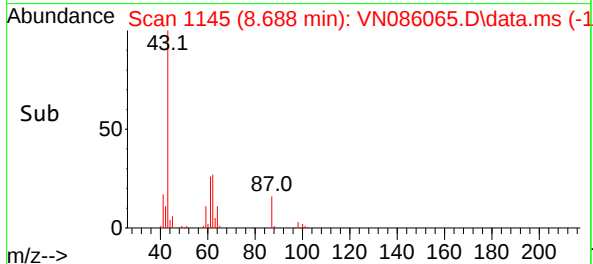
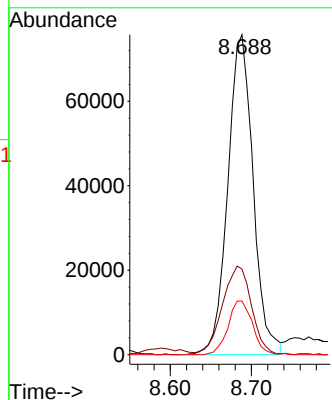
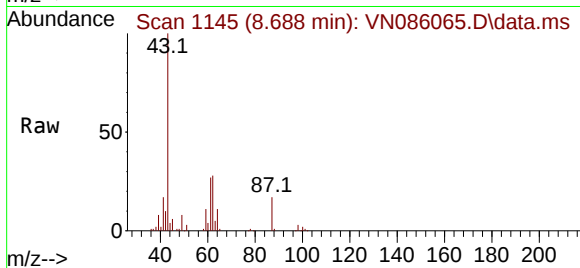
Tgt Ion: 43 Resp: 164277

Ion Ratio Lower Upper

43 100

61 31.9 25.0 37.6

87 16.2 13.0 19.4



#44

Trichloroethene

Concen: 47.961 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.006 min

Lab File: VN086065.D

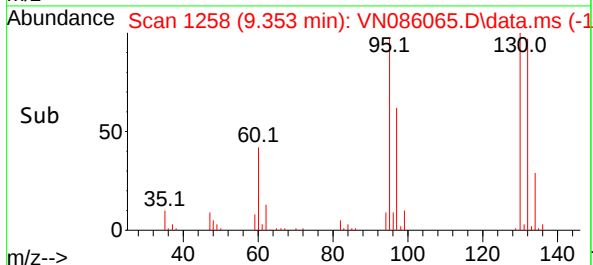
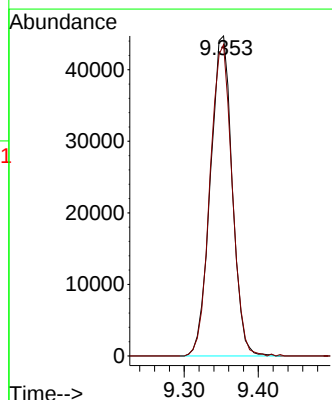
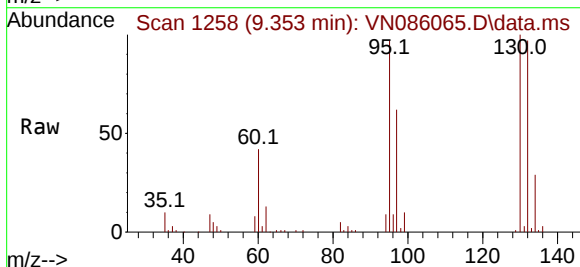
Acq: 24 Mar 2025 12:03

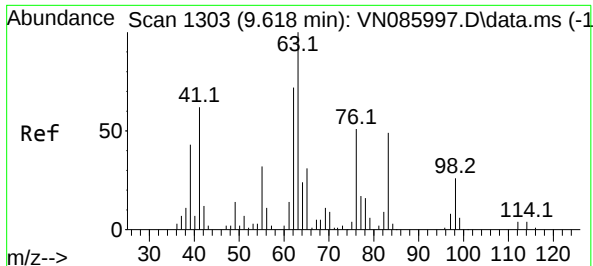
Tgt Ion:130 Resp: 91449

Ion Ratio Lower Upper

130 100

95 97.3 0.0 191.6





#45

1,2-Dichloropropane

Concen: 54.854 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086065.D

Acq: 24 Mar 2025 12:03

Instrument :

MSVOA\_N

ClientSampleId :

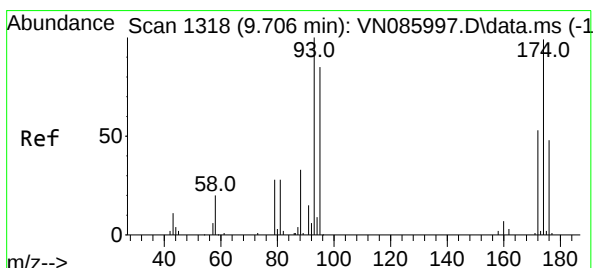
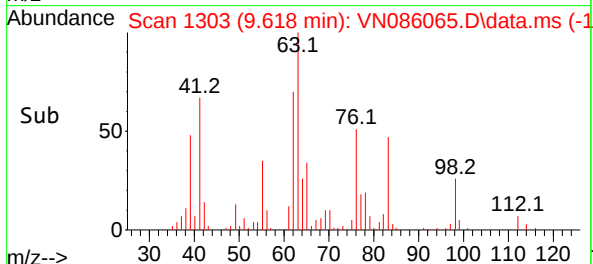
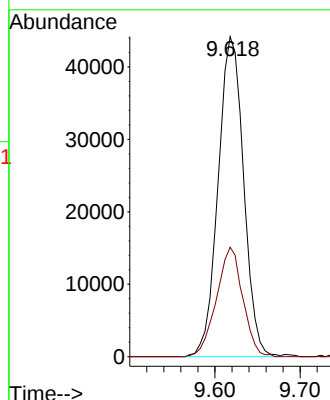
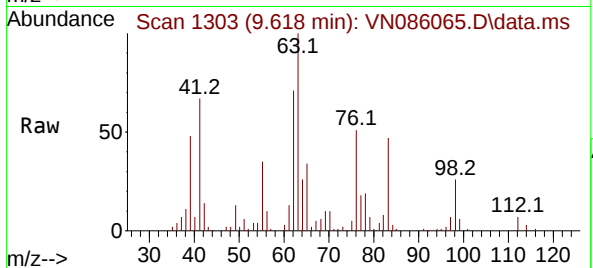
VSTDCCC050

Tgt Ion: 63 Resp: 91787

Ion Ratio Lower Upper

63 100

65 34.2 24.7 37.1



#46

Dibromomethane

Concen: 54.141 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086065.D

Acq: 24 Mar 2025 12:03

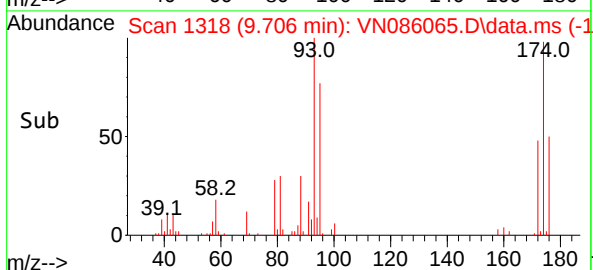
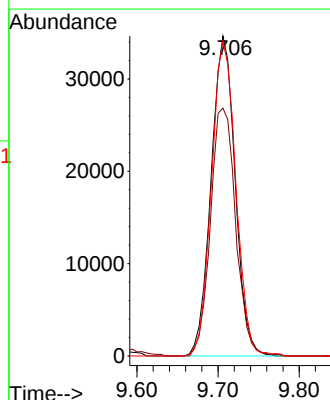
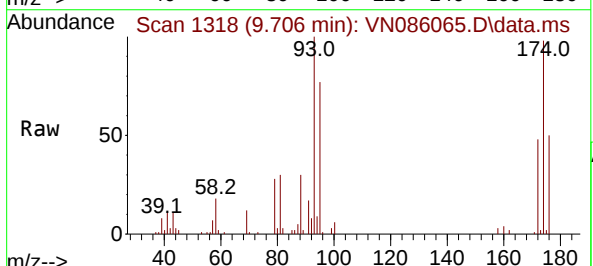
Tgt Ion: 93 Resp: 71246

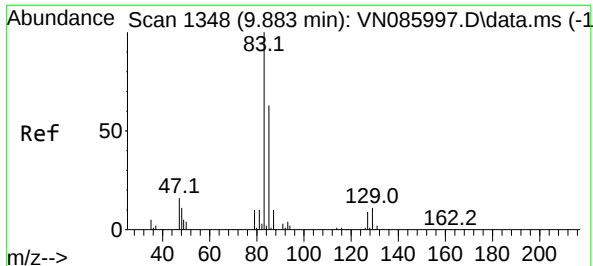
Ion Ratio Lower Upper

93 100

95 81.3 66.2 99.2

174 99.5 80.1 120.1

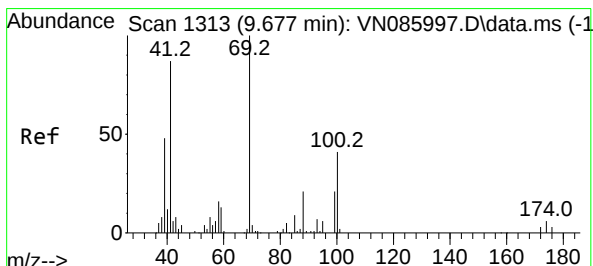
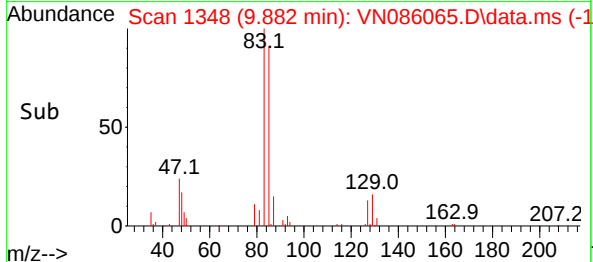
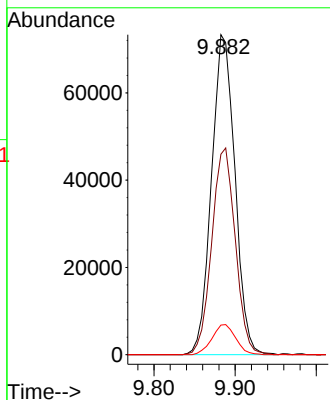
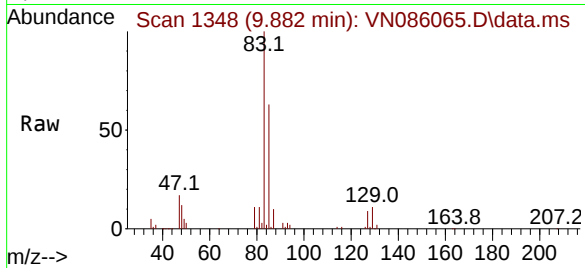




#47  
Bromodichloromethane  
Concen: 53.456 ug/l  
RT: 9.882 min Scan# 1314  
Delta R.T. -0.000 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

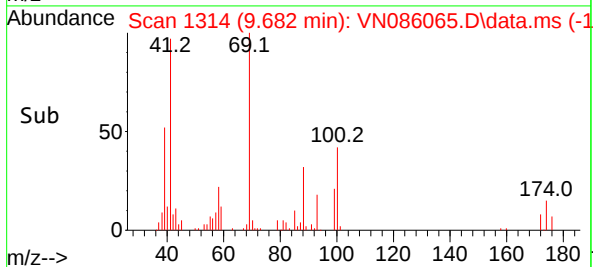
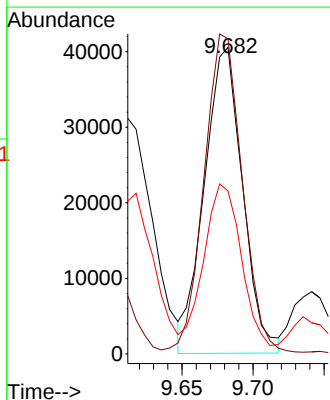
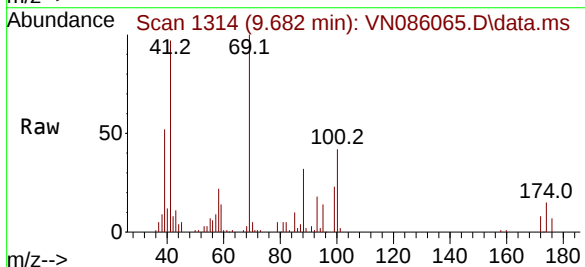
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

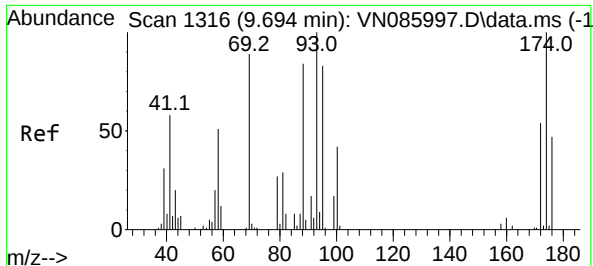
Tgt Ion: 83 Resp: 147018  
Ion Ratio Lower Upper  
83 100  
85 62.7 50.2 75.2  
127 9.2 7.1 10.7



#48  
Methyl methacrylate  
Concen: 53.692 ug/l  
RT: 9.682 min Scan# 1314  
Delta R.T. 0.006 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

Tgt Ion: 41 Resp: 75908  
Ion Ratio Lower Upper  
41 100  
69 103.6 83.1 124.7  
39 56.1 45.6 68.4





#49

1,4-Dioxane

Concen: 1081.716 ug/l

RT: 9.694 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086065.D

Acq: 24 Mar 2025 12:03

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

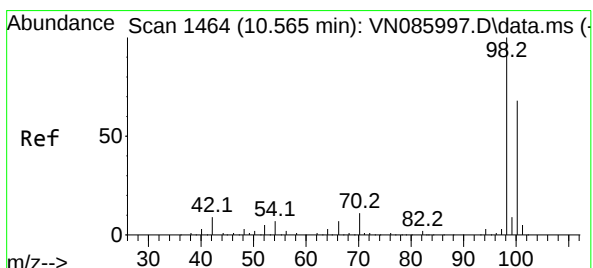
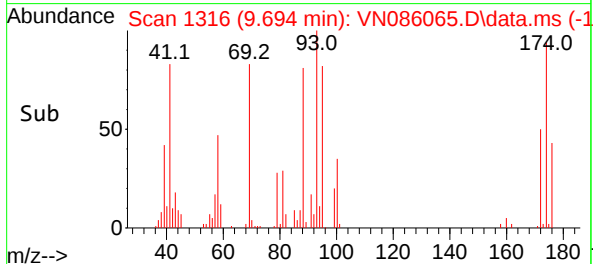
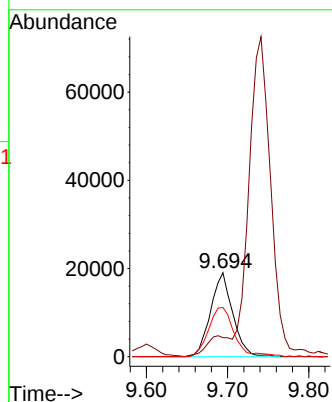
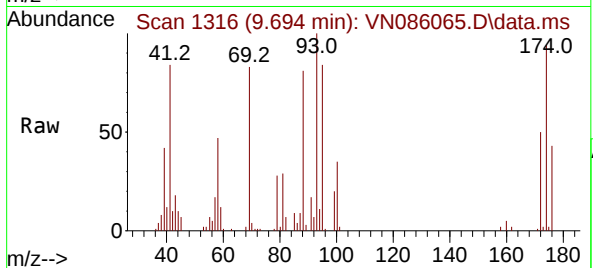
Tgt Ion: 88 Resp: 36152

Ion Ratio Lower Upper

88 100

43 23.8 21.7 32.5

58 67.9 50.4 75.6



#50

Toluene-d8

Concen: 53.475 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086065.D

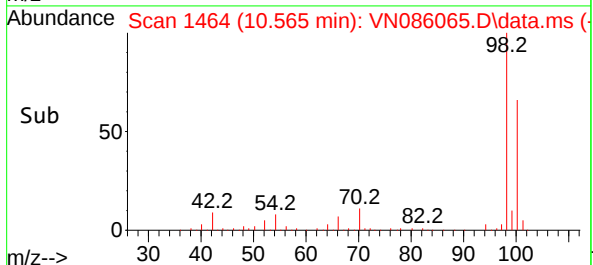
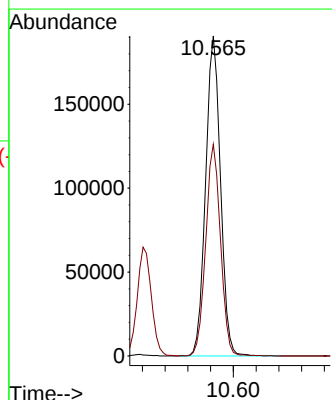
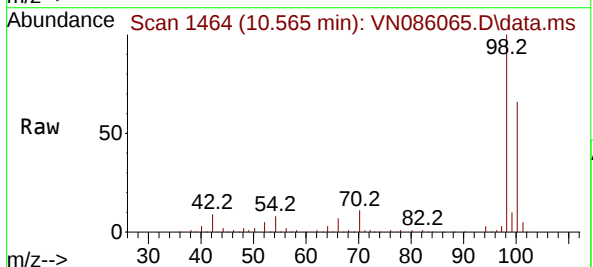
Acq: 24 Mar 2025 12:03

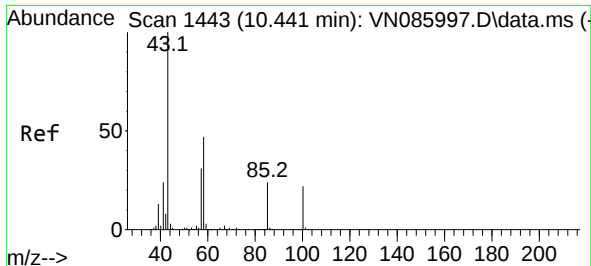
Tgt Ion: 98 Resp: 345415

Ion Ratio Lower Upper

98 100

100 65.8 53.1 79.7

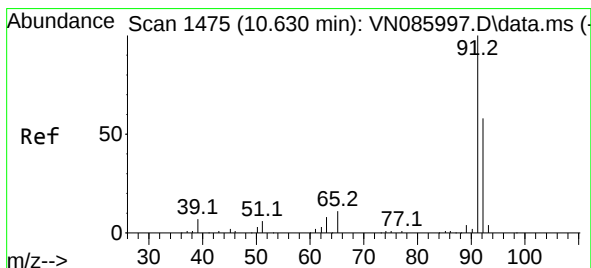
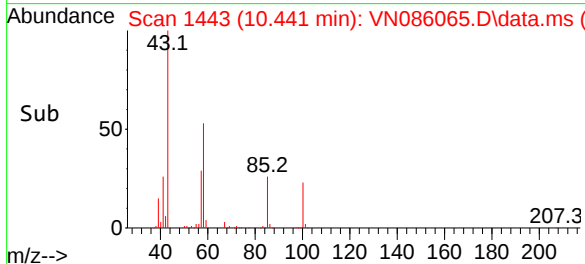
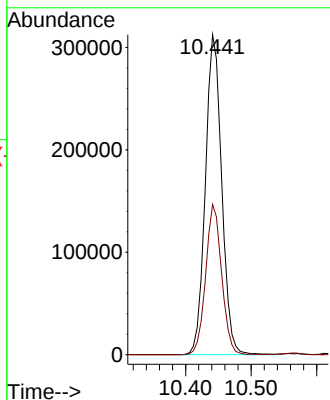
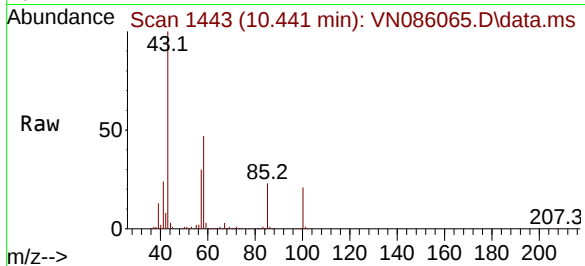




#51  
4-Methyl-2-Pentanone  
Concen: 287.223 ug/l  
RT: 10.441 min Scan# 1443  
Delta R.T. -0.000 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

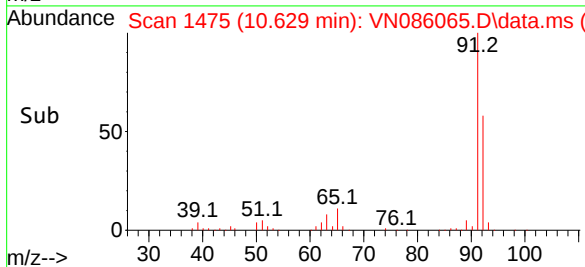
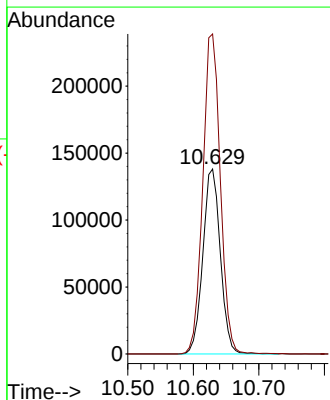
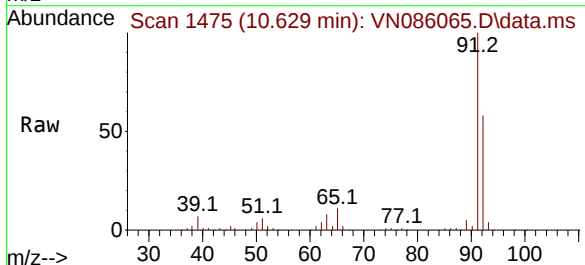
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

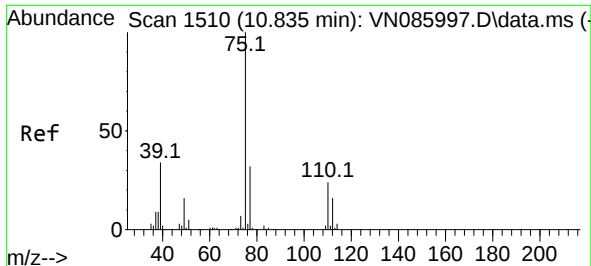
Tgt Ion: 43 Resp: 542700  
Ion Ratio Lower Upper  
43 100  
58 45.9 37.4 56.0



#52  
Toluene  
Concen: 56.676 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

Tgt Ion: 92 Resp: 255909  
Ion Ratio Lower Upper  
92 100  
91 174.0 136.2 204.4

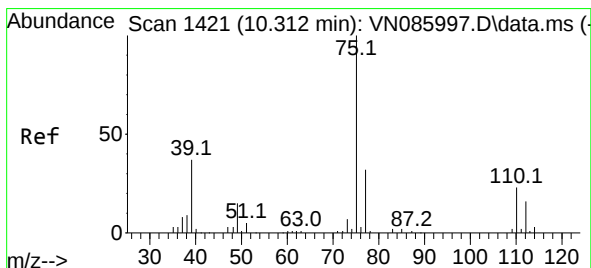
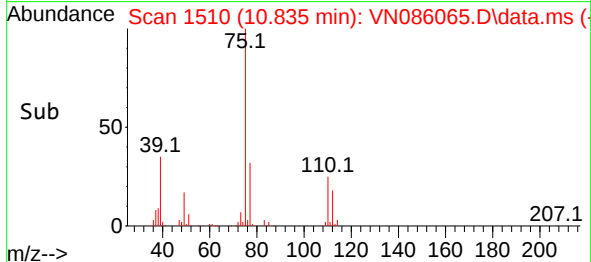
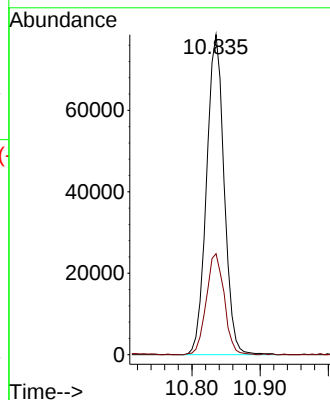
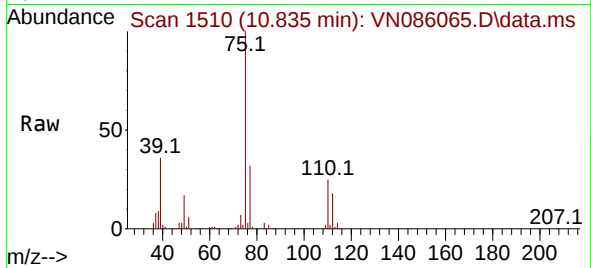




#53  
t-1,3-Dichloropropene  
Concen: 52.792 ug/l  
RT: 10.835 min Scan# 1510  
Delta R.T. -0.000 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

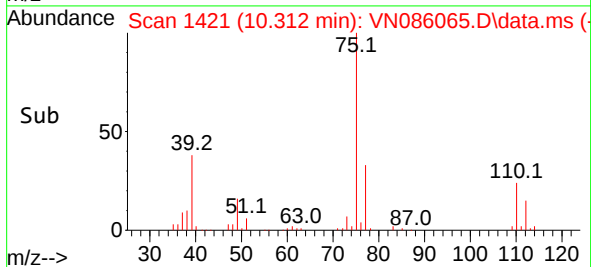
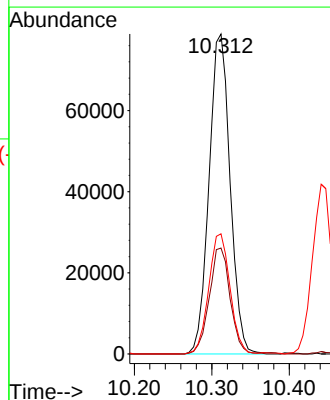
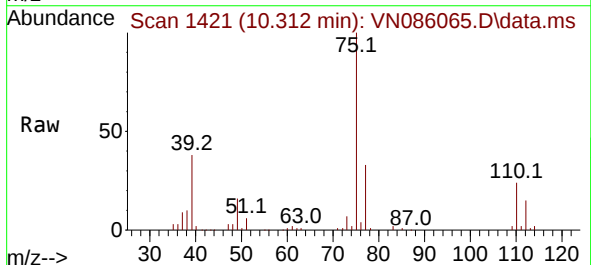
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

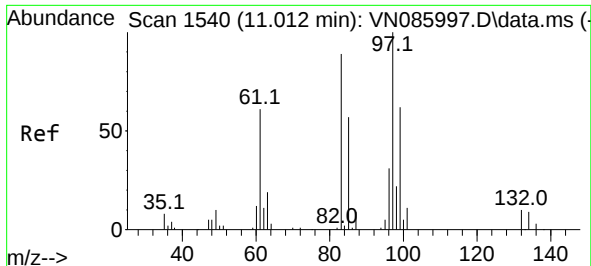
Tgt Ion: 75 Resp: 141005  
Ion Ratio Lower Upper  
75 100  
77 31.6 25.3 37.9



#54  
cis-1,3-Dichloropropene  
Concen: 52.860 ug/l  
RT: 10.312 min Scan# 1421  
Delta R.T. -0.000 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

Tgt Ion: 75 Resp: 148960  
Ion Ratio Lower Upper  
75 100  
77 33.1 25.3 37.9  
39 37.5 29.6 44.4

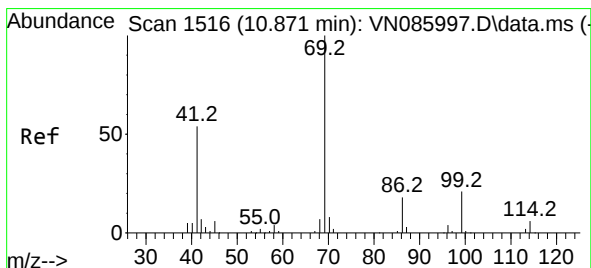
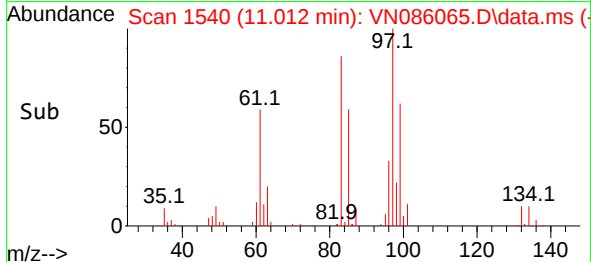
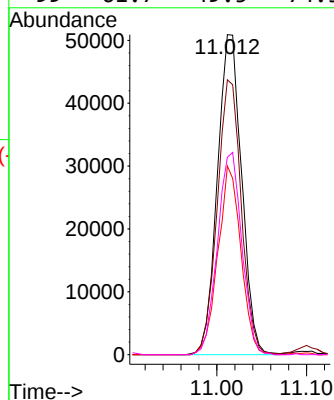
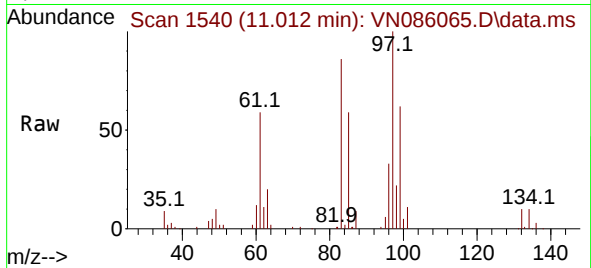




#55  
1,1,2-Trichloroethane  
Concen: 55.595 ug/l  
RT: 11.012 min Scan# 1540  
Delta R.T. -0.000 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

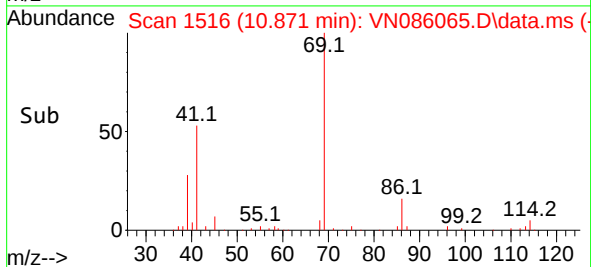
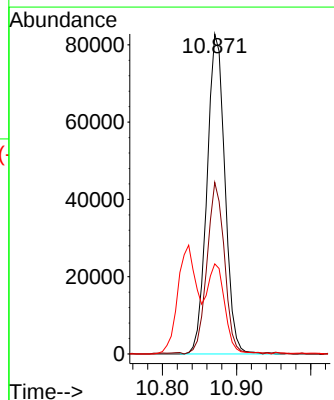
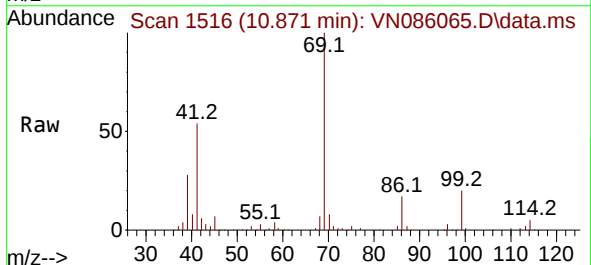
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

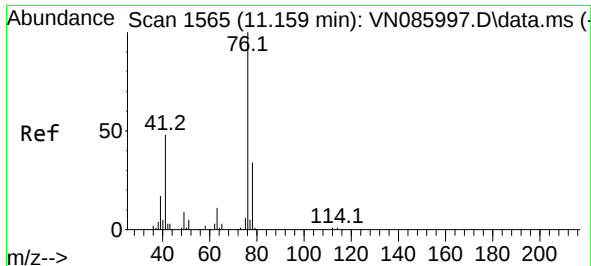
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 95811 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 85.9  | 71.2  | 106.8 |
| 85       | 59.0  | 45.4  | 68.0  |
| 99       | 61.7  | 49.5  | 74.3  |



#56  
Ethyl methacrylate  
Concen: 51.359 ug/l  
RT: 10.871 min Scan# 1516  
Delta R.T. -0.000 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 138828 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 52.6  | 41.6  | 62.4   |
| 39       | 28.1  | 21.8  | 32.8   |





#57

1,3-Dichloropropane

Concen: 55.209 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN086065.D

Acq: 24 Mar 2025 12:03

Instrument :

MSVOA\_N

ClientSampleId :

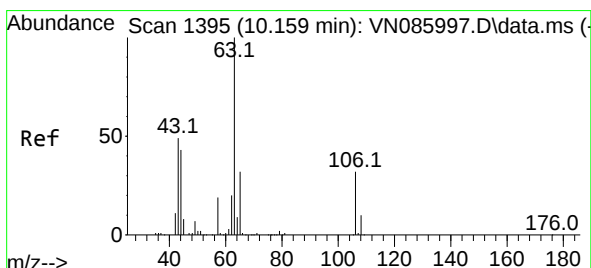
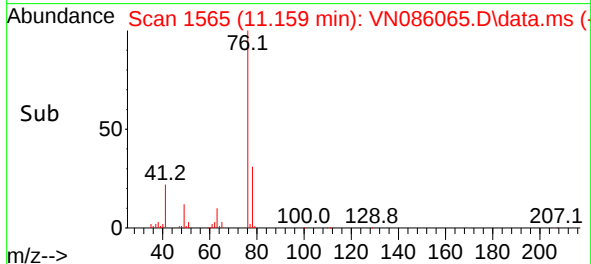
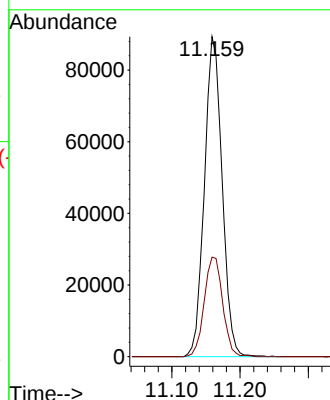
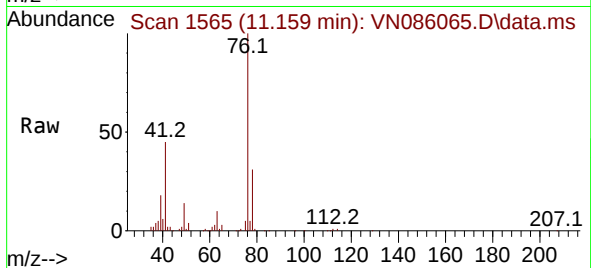
VSTDCCC050

Tgt Ion: 76 Resp: 161606

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 299.470 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN086065.D

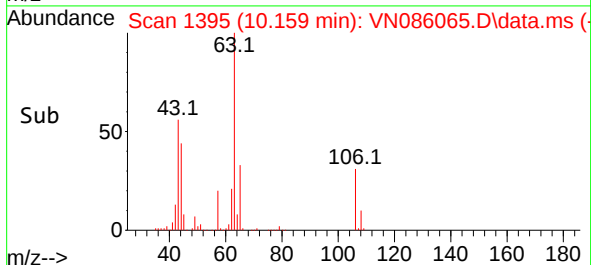
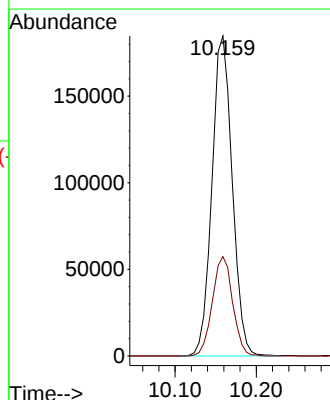
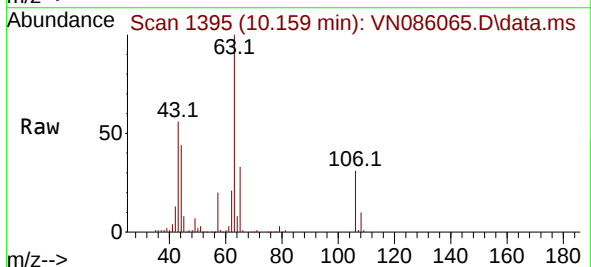
Acq: 24 Mar 2025 12:03

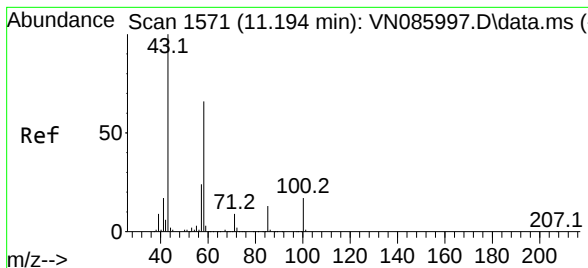
Tgt Ion: 63 Resp: 320884

Ion Ratio Lower Upper

63 100

106 30.9 25.0 37.6

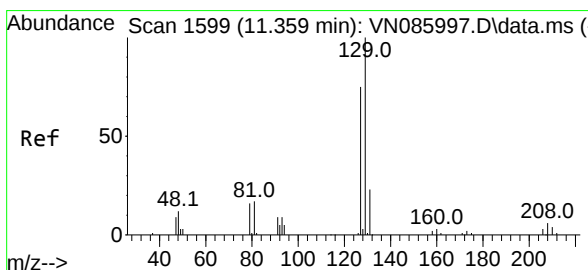
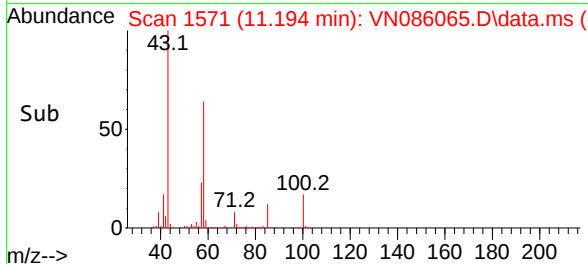
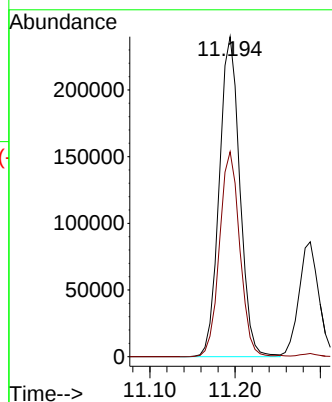
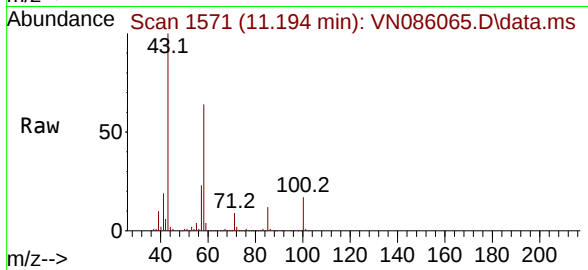




#59  
2-Hexanone  
Concen: 291.788 ug/l  
RT: 11.194 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

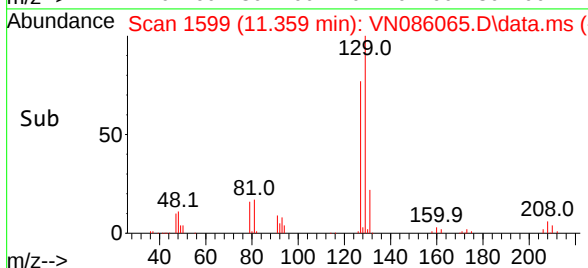
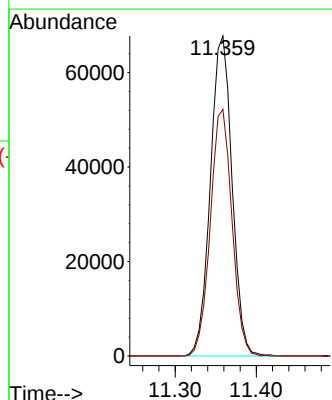
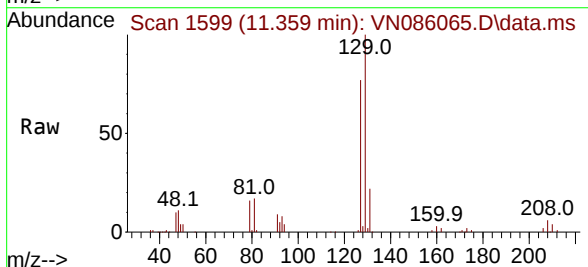
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050

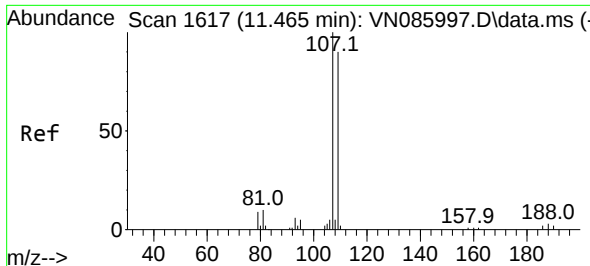
Tgt Ion: 43 Resp: 401637  
Ion Ratio Lower Upper  
43 100  
58 63.1 32.4 97.2



#60  
Dibromochloromethane  
Concen: 56.558 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. -0.000 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

Tgt Ion:129 Resp: 125776  
Ion Ratio Lower Upper  
129 100  
127 76.8 37.8 113.4

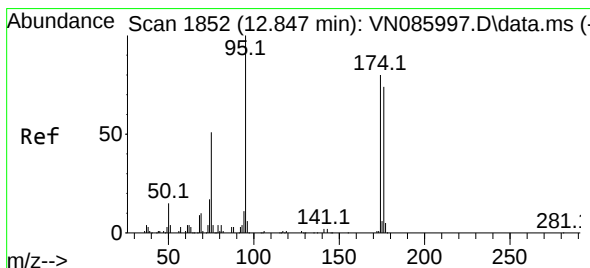
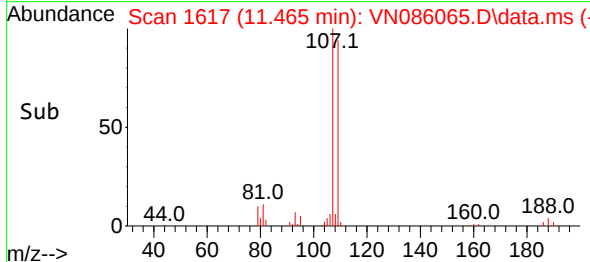
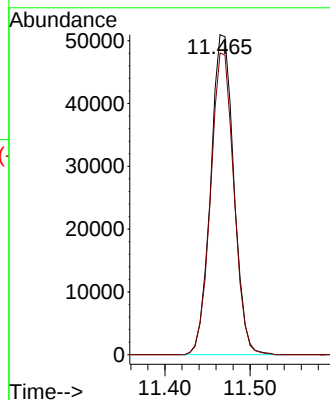
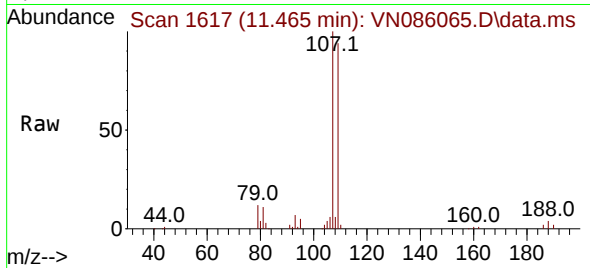




#61  
1,2-Dibromoethane  
Concen: 54.260 ug/l  
RT: 11.465 min Scan# 1617  
Delta R.T. -0.000 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

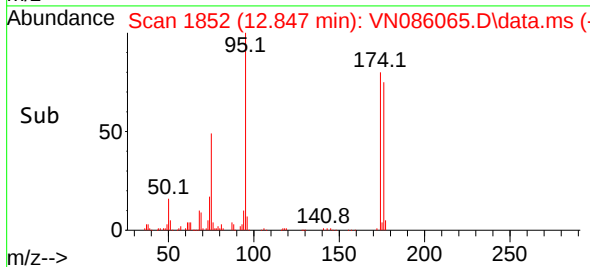
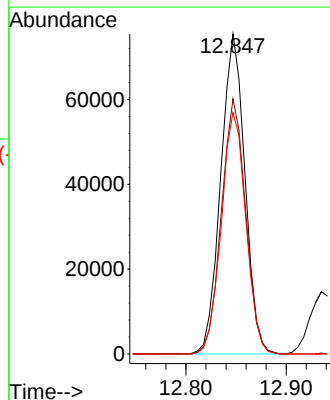
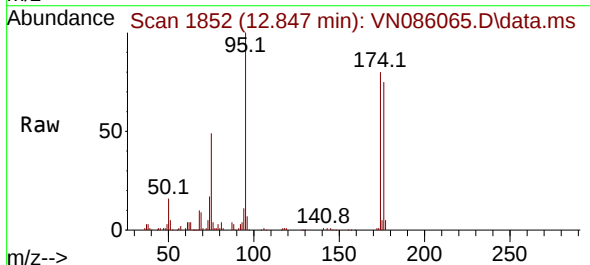
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050

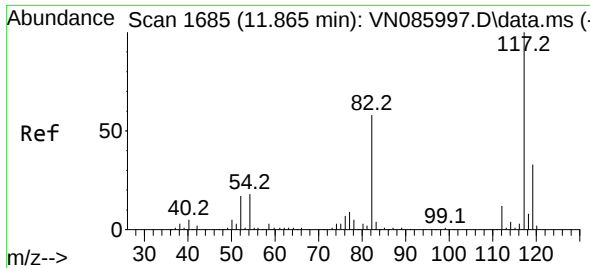
Tgt Ion:107 Resp: 96000  
Ion Ratio Lower Upper  
107 100  
109 94.7 73.3 109.9



#62  
4-Bromofluorobenzene  
Concen: 54.636 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

Tgt Ion: 95 Resp: 125860  
Ion Ratio Lower Upper  
95 100  
174 80.3 0.0 156.8  
176 76.8 0.0 152.2

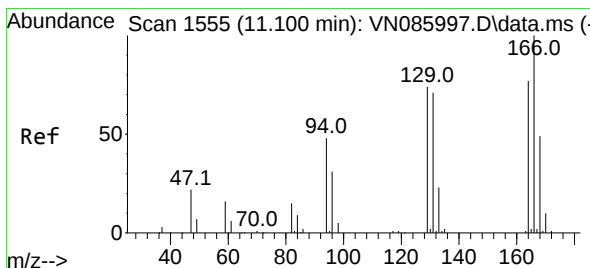
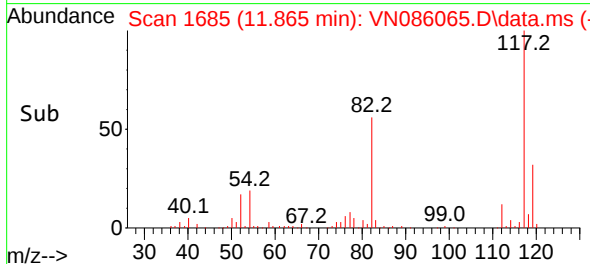
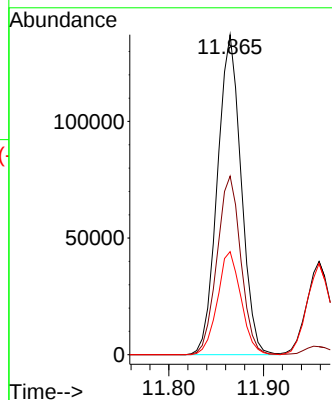
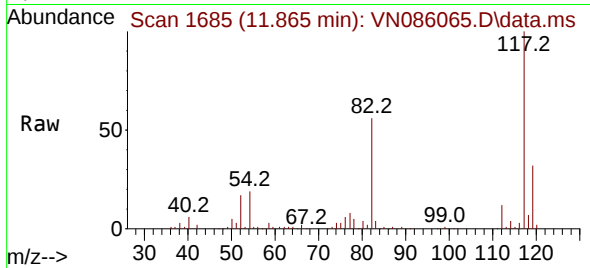




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

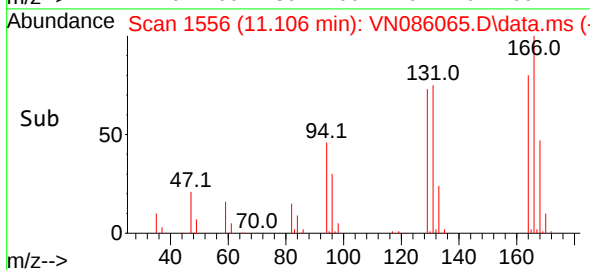
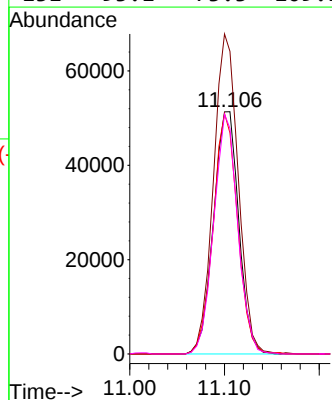
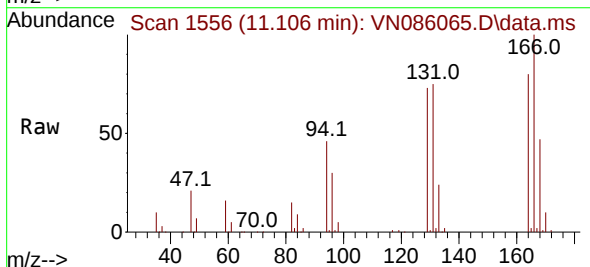
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

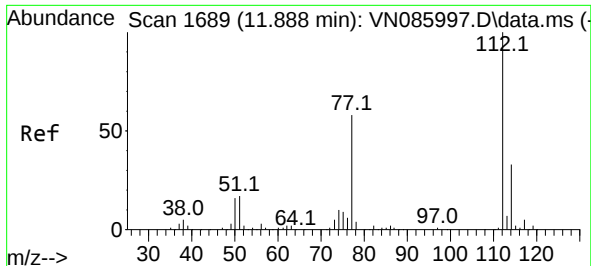
Tgt Ion:117 Resp: 239260  
Ion Ratio Lower Upper  
117 100  
82 55.8 46.7 70.1  
119 32.2 26.5 39.7



#64  
Tetrachloroethene  
Concen: 49.946 ug/l  
RT: 11.106 min Scan# 1556  
Delta R.T. 0.006 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

Tgt Ion:164 Resp: 95327  
Ion Ratio Lower Upper  
164 100  
166 124.9 103.7 155.5  
129 91.2 77.1 115.7  
131 93.1 73.3 109.9

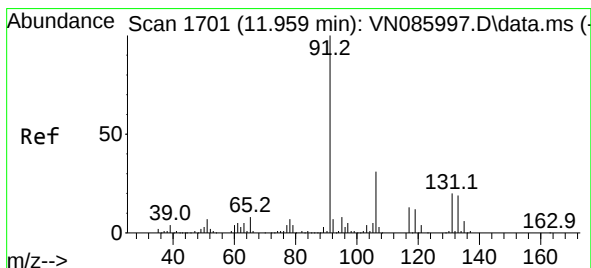
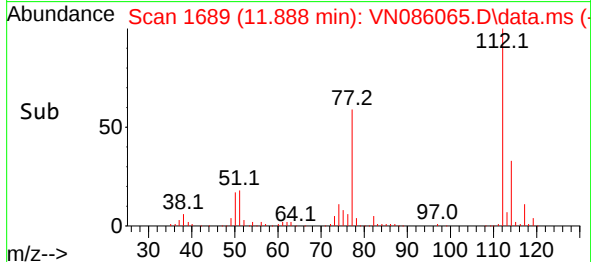
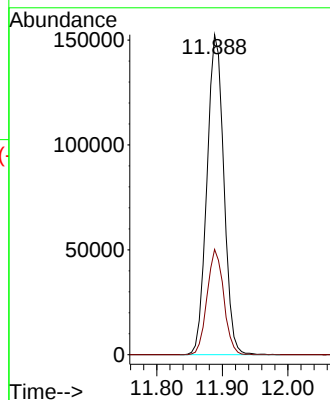
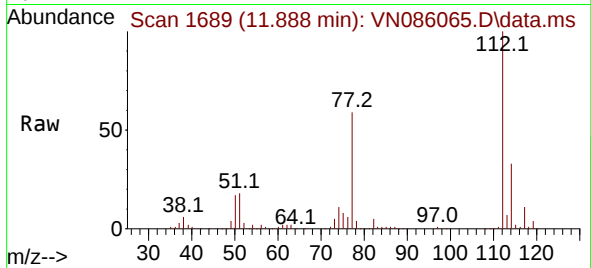




#65  
Chlorobenzene  
Concen: 49.894 ug/l  
RT: 11.888 min Scan# 1689  
Delta R.T. -0.000 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

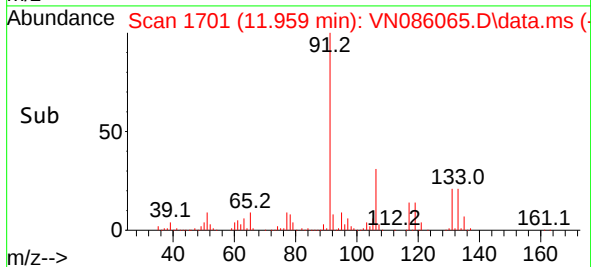
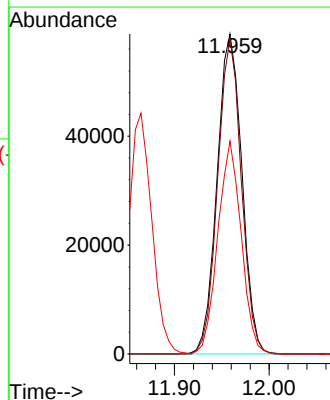
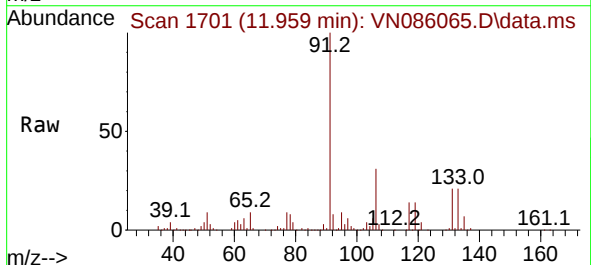
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

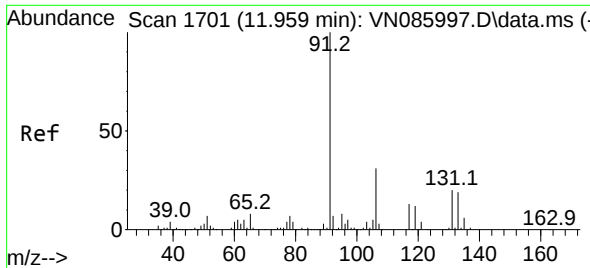
Tgt Ion:112 Resp: 273164  
Ion Ratio Lower Upper  
112 100  
114 32.9 26.3 39.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.579 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

Tgt Ion:131 Resp: 107010  
Ion Ratio Lower Upper  
131 100  
133 94.2 47.0 141.0  
119 62.8 31.4 94.0

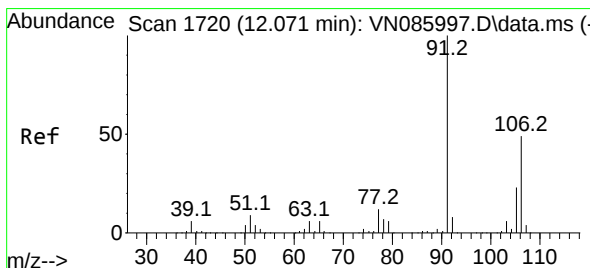
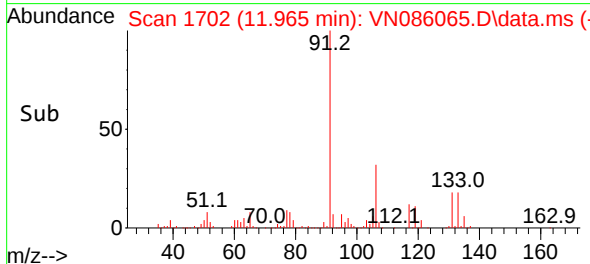
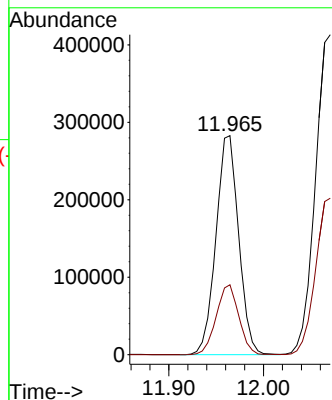
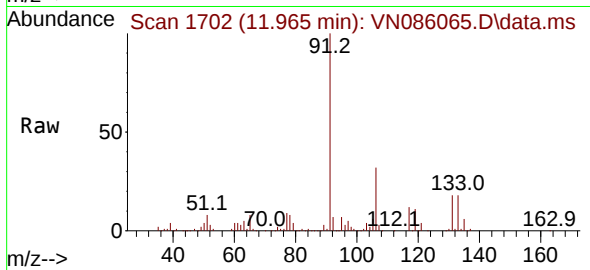




#67  
Ethyl Benzene  
Concen: 53.881 ug/l  
RT: 11.965 min Scan# 1701  
Delta R.T. 0.006 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

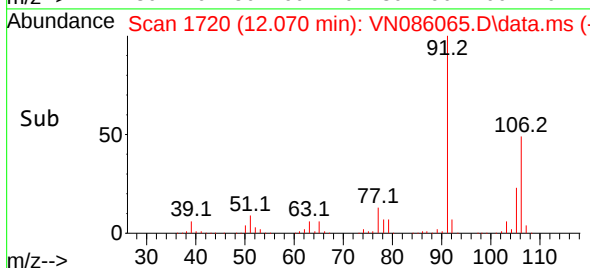
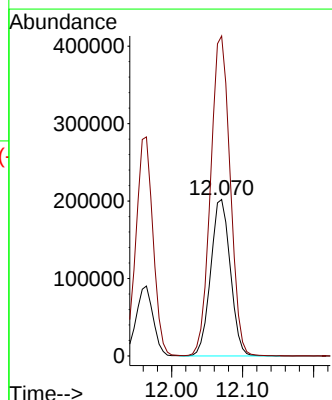
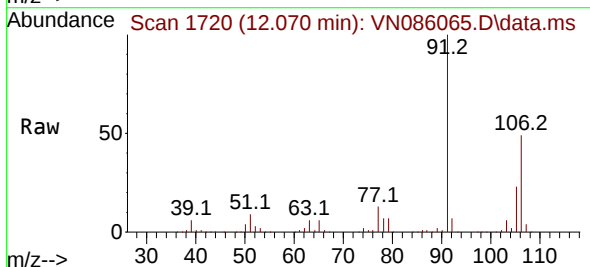
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

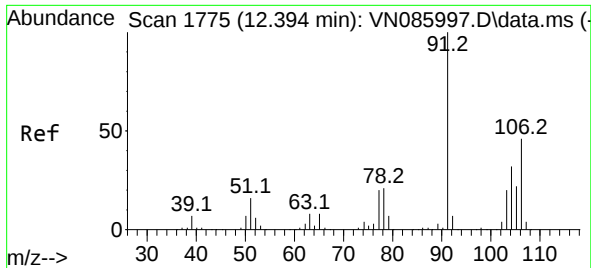
Tgt Ion: 91 Resp: 471884  
Ion Ratio Lower Upper  
91 100  
106 31.9 24.5 36.7



#68  
m/p-Xylenes  
Concen: 112.471 ug/l  
RT: 12.070 min Scan# 1720  
Delta R.T. -0.000 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

Tgt Ion: 106 Resp: 387149  
Ion Ratio Lower Upper  
106 100  
91 204.2 163.9 245.9

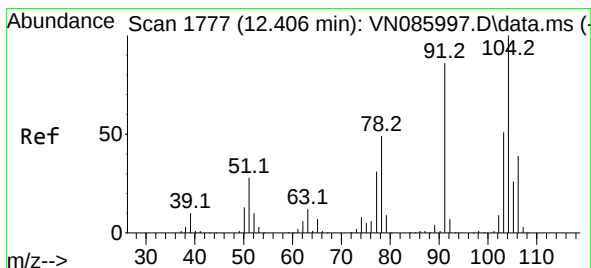
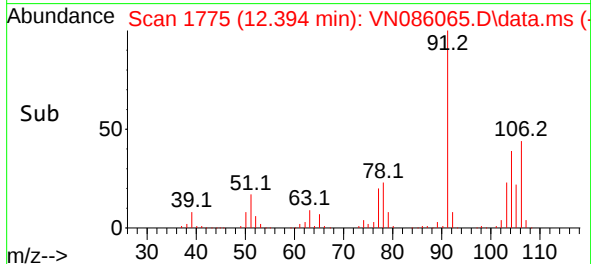
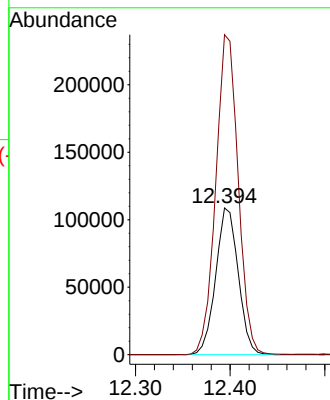
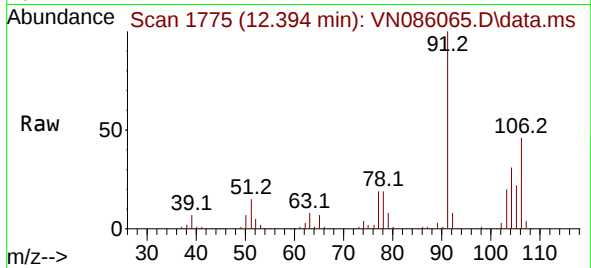




#69  
o-Xylene  
Concen: 56.922 ug/l  
RT: 12.394 min Scan# 1775  
Delta R.T. -0.000 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

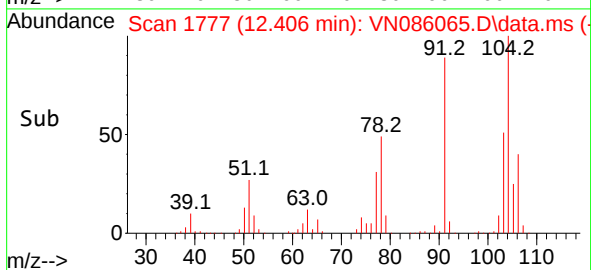
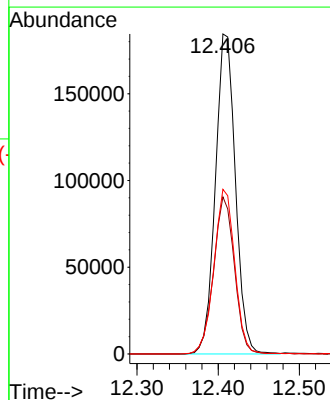
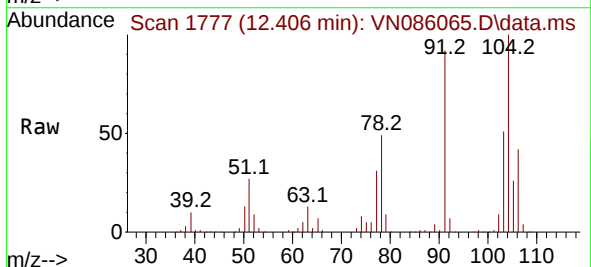
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ClientSampleId :  
VSTDCCC050

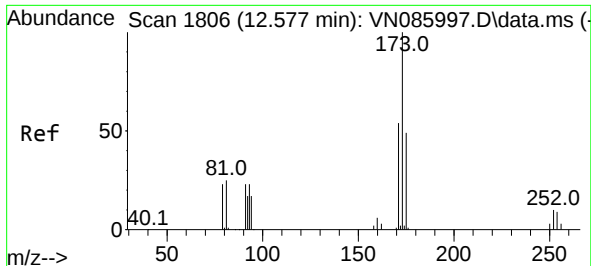
Tgt Ion:106 Resp: 179833  
Ion Ratio Lower Upper  
106 100  
91 217.3 109.1 327.2



#70  
Styrene  
Concen: 58.725 ug/l  
RT: 12.406 min Scan# 1777  
Delta R.T. -0.000 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

Tgt Ion:104 Resp: 316894  
Ion Ratio Lower Upper  
104 100  
78 51.0 41.4 62.2  
103 53.7 42.9 64.3

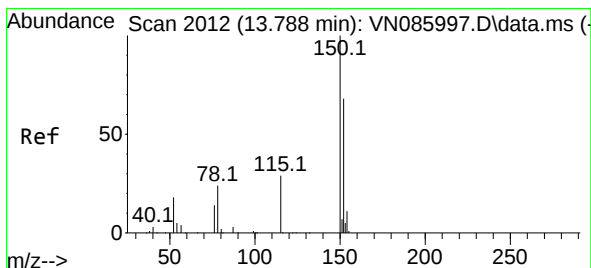
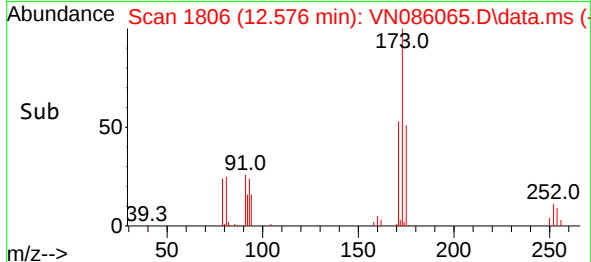
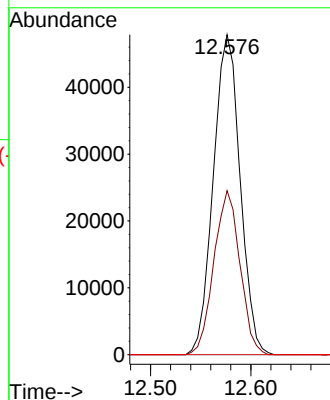
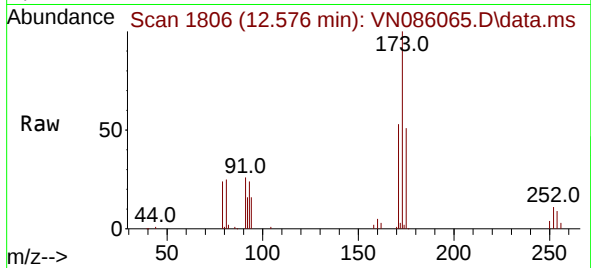




#71  
Bromoform  
Concen: 52.260 ug/l  
RT: 12.576 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

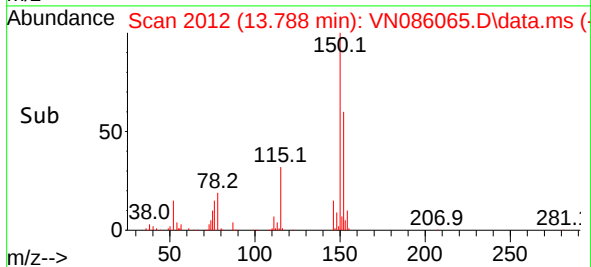
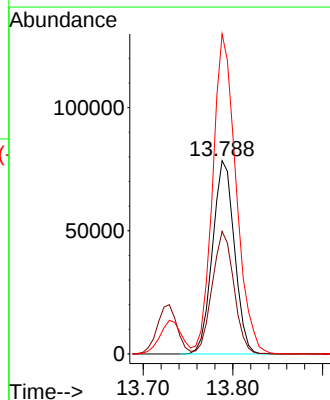
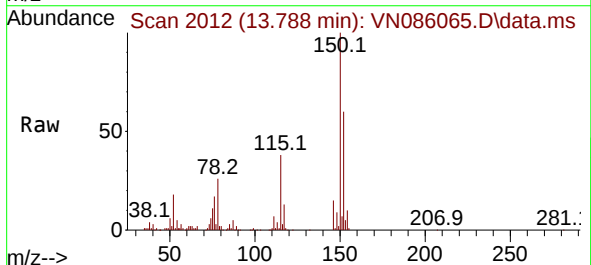
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050

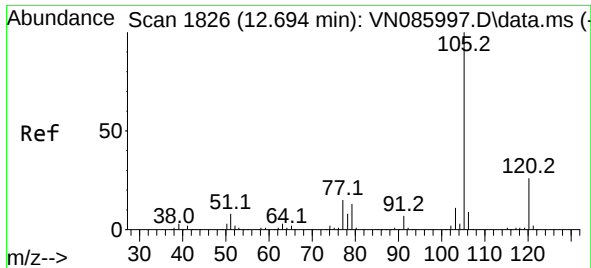
Tgt Ion:173 Resp: 88913  
Ion Ratio Lower Upper  
173 100  
175 49.8 24.3 73.0  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.788 min Scan# 2012  
Delta R.T. -0.000 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

Tgt Ion:152 Resp: 132834  
Ion Ratio Lower Upper  
152 100  
115 62.9 31.1 93.2  
150 176.8 0.0 359.6

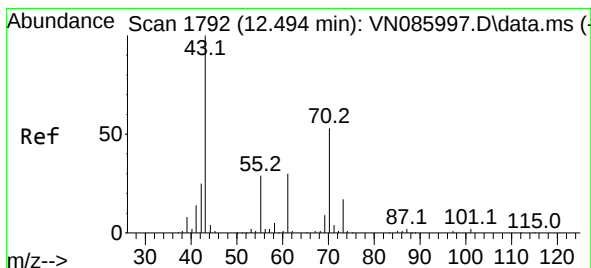
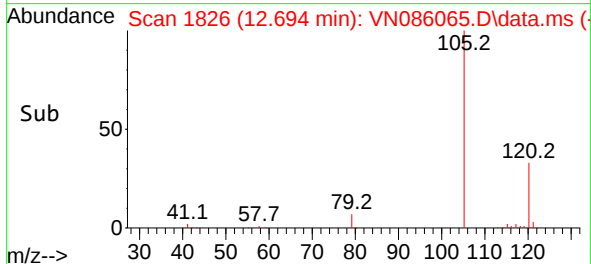
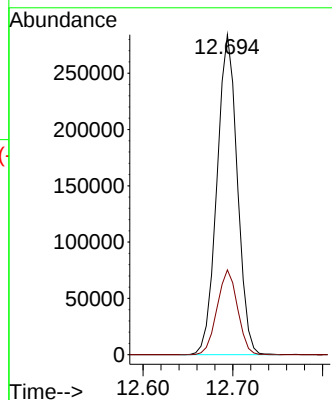
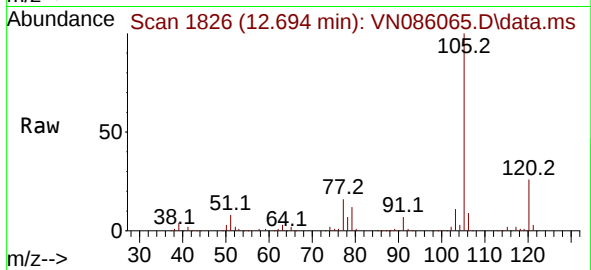




#73  
Isopropylbenzene  
Concen: 49.364 ug/l  
RT: 12.694 min Scan# 1826  
Delta R.T. -0.000 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

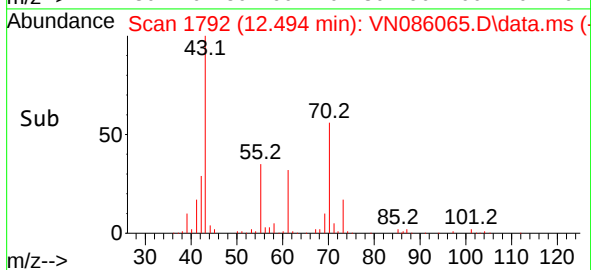
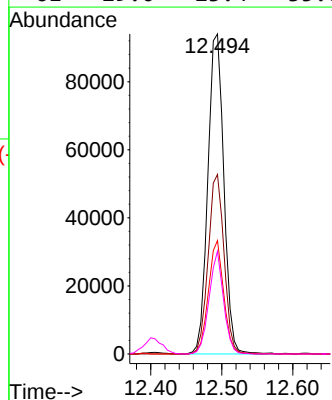
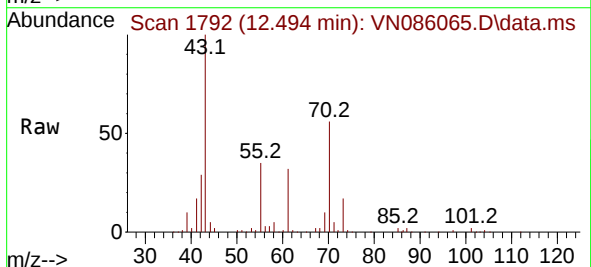
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

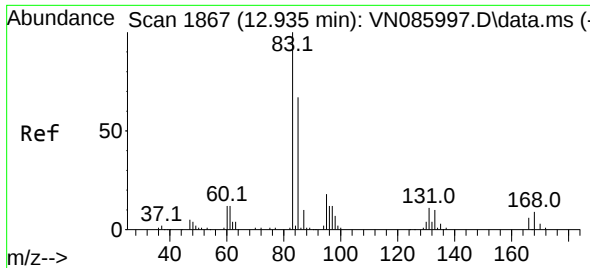
Tgt Ion:105 Resp: 447787  
Ion Ratio Lower Upper  
105 100  
120 26.5 13.0 39.0



#74  
N-ethyl acetate  
Concen: 48.600 ug/l  
RT: 12.494 min Scan# 1792  
Delta R.T. -0.000 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

Tgt Ion: 43 Resp: 147494  
Ion Ratio Lower Upper  
43 100  
70 55.6 43.0 64.4  
55 34.0 23.8 35.8  
61 29.0 23.4 35.0

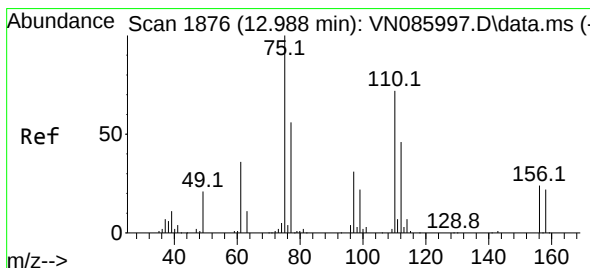
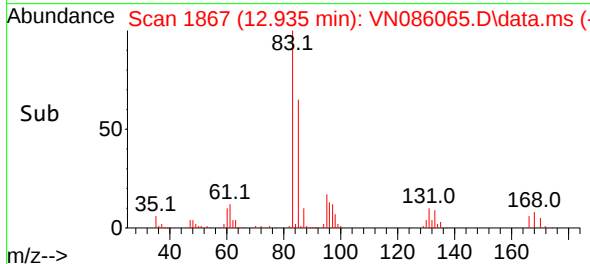
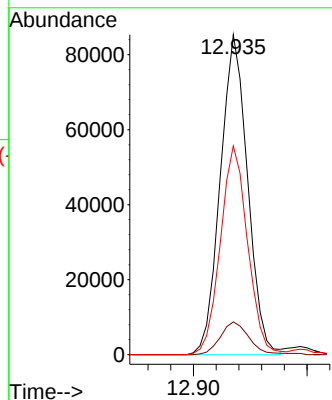
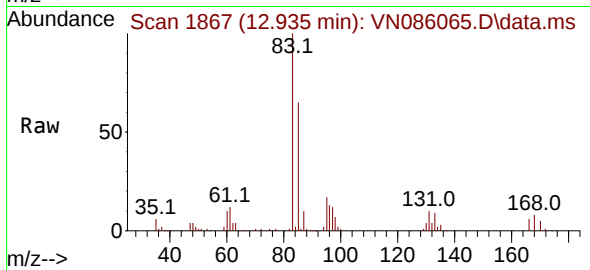




#75  
1,1,2,2-Tetrachloroethane  
Concen: 46.350 ug/l  
RT: 12.935 min Scan# 1867  
Delta R.T. -0.000 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

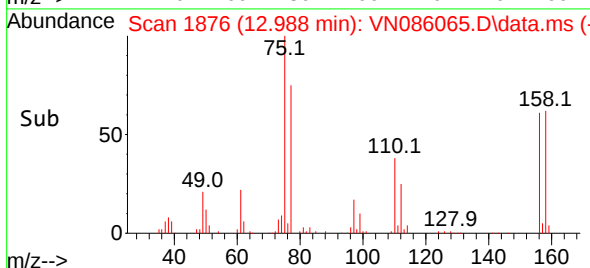
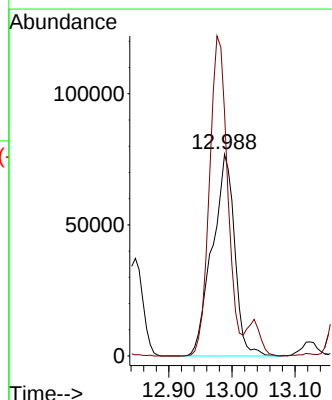
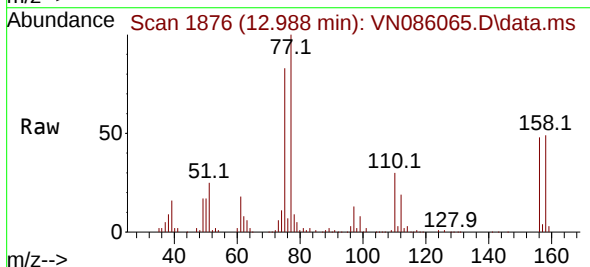
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

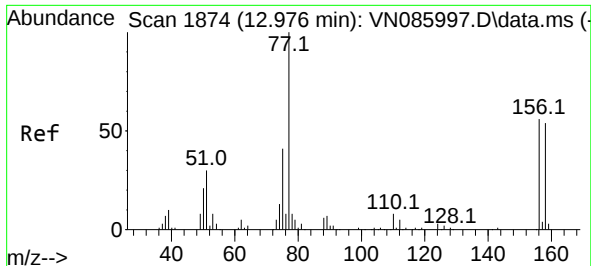
Tgt Ion: 83 Resp: 142242  
Ion Ratio Lower Upper  
83 100  
131 10.9 5.5 16.5  
85 65.2 32.6 97.8



#76  
1,2,3-Trichloropropane  
Concen: 63.631 ug/l  
RT: 12.988 min Scan# 1876  
Delta R.T. -0.000 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

Tgt Ion: 75 Resp: 189231  
Ion Ratio Lower Upper  
75 100  
77 129.3 83.7 251.0

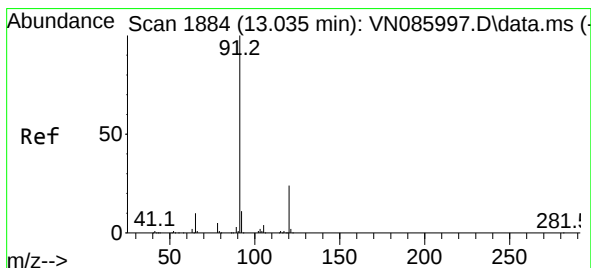
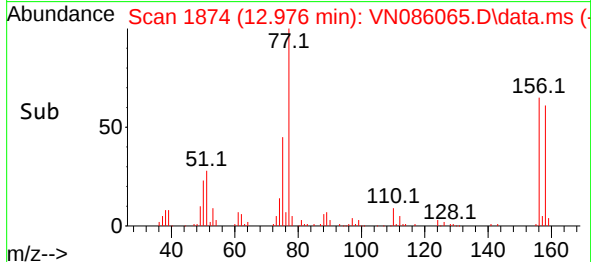
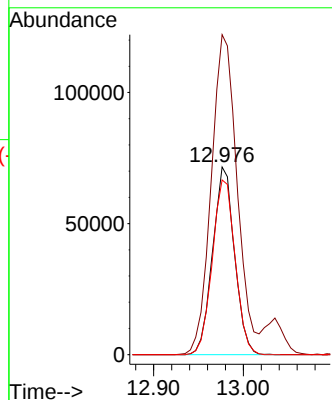
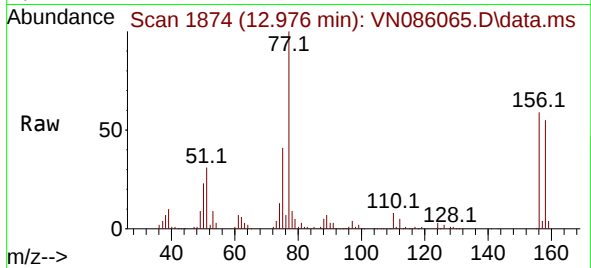




#77  
Bromobenzene  
Concen: 47.975 ug/l  
RT: 12.976 min Scan# 1874  
Delta R.T. -0.000 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

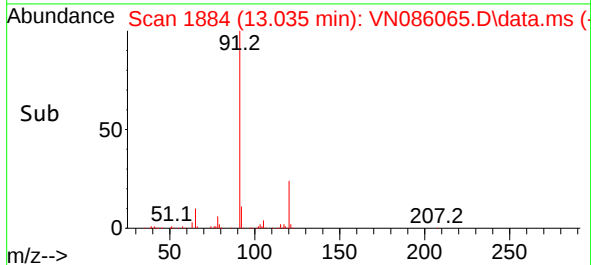
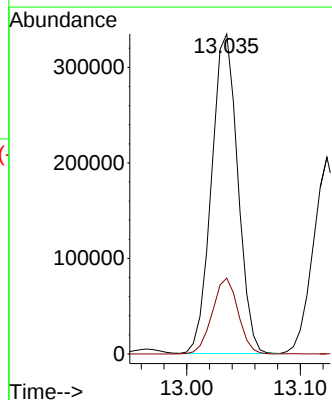
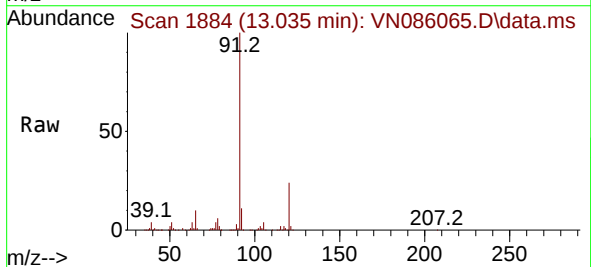
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

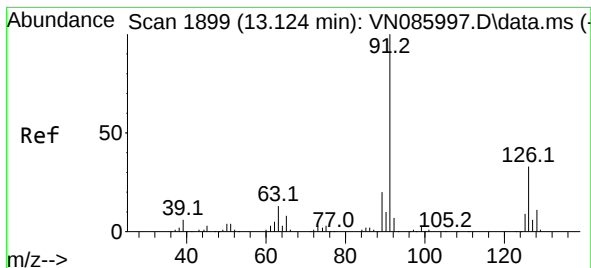
Tgt Ion:156 Resp: 121345  
Ion Ratio Lower Upper  
156 100  
77 201.7 104.1 312.3  
158 96.9 49.0 147.0



#78  
n-propylbenzene  
Concen: 52.239 ug/l  
RT: 13.035 min Scan# 1884  
Delta R.T. -0.000 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

Tgt Ion: 91 Resp: 536585  
Ion Ratio Lower Upper  
91 100  
120 23.3 11.7 35.0





#79

2-Chlorotoluene

Concen: 49.832 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VN086065.D

Acq: 24 Mar 2025 12:03

Instrument :

MSVOA\_N

ClientSampleId :

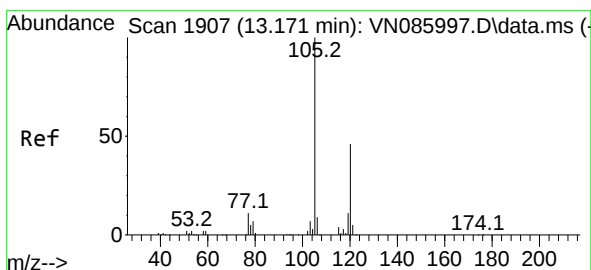
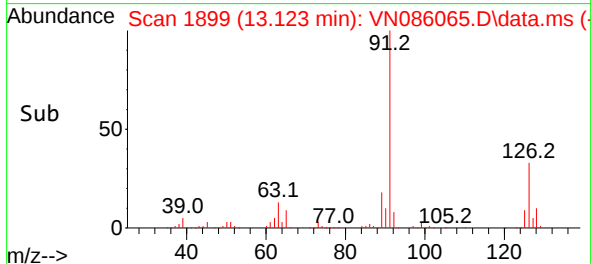
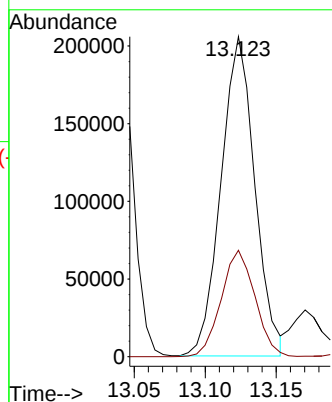
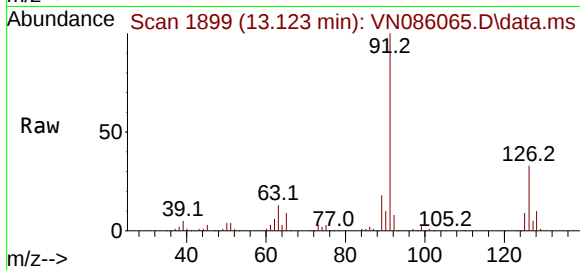
VSTDCCC050

Tgt Ion: 91 Resp: 339986

Ion Ratio Lower Upper

91 100

126 33.4 16.4 49.2



#80

1,3,5-Trimethylbenzene

Concen: 52.817 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN086065.D

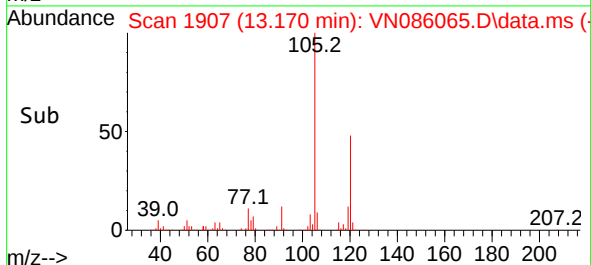
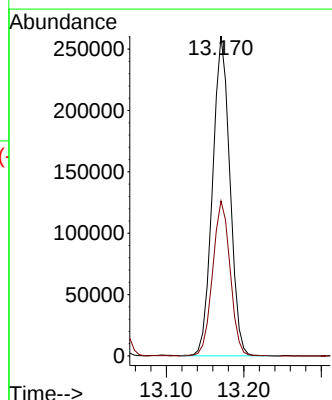
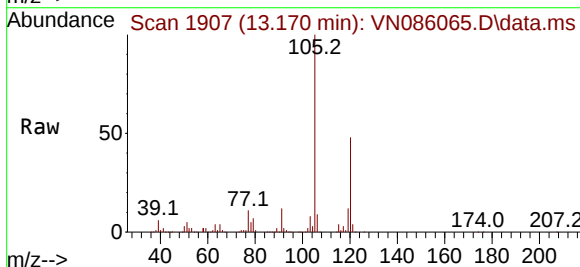
Acq: 24 Mar 2025 12:03

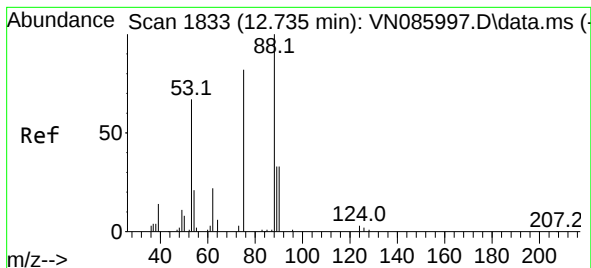
Tgt Ion:105 Resp: 404505

Ion Ratio Lower Upper

105 100

120 49.0 23.7 71.1

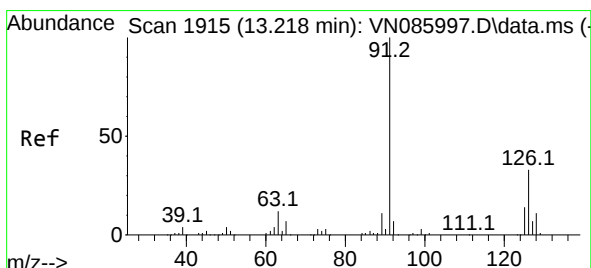
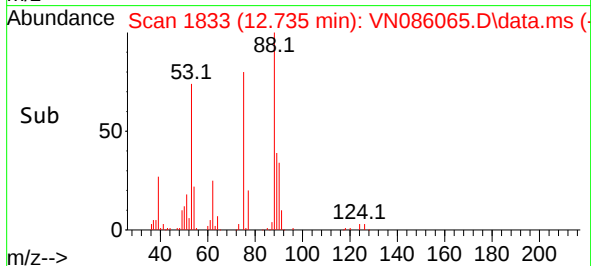
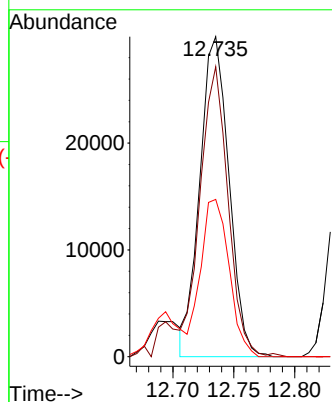
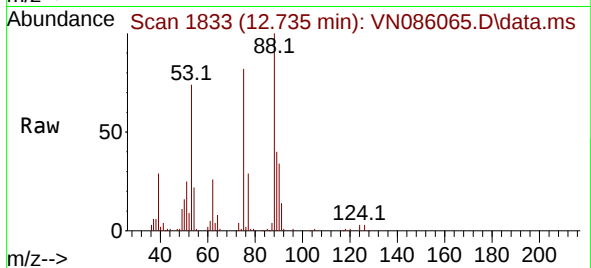




#81  
trans-1,4-Dichloro-2-butene  
Concen: 44.331 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. -0.000 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

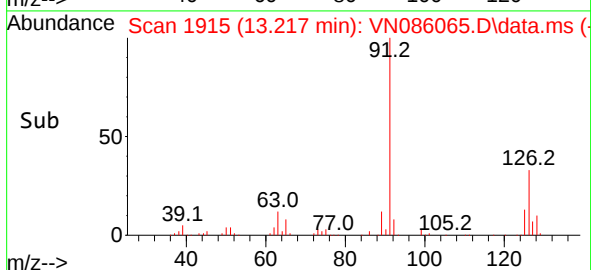
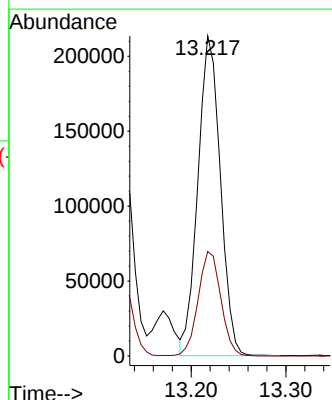
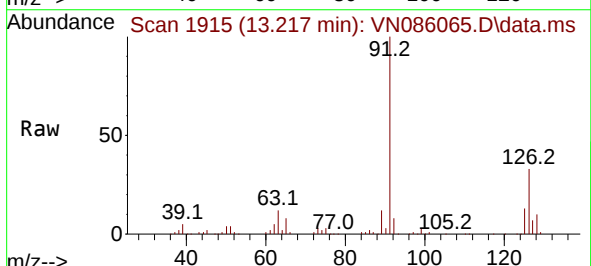
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

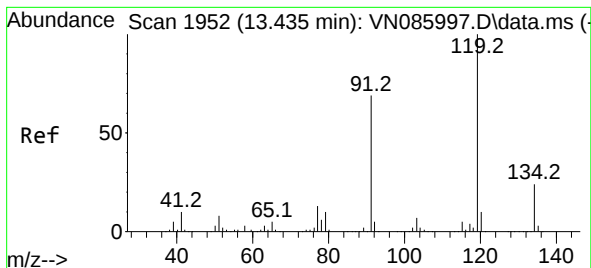
Tgt Ion: 75 Resp: 49866  
Ion Ratio Lower Upper  
75 100  
53 87.2 66.0 99.0  
89 48.0 36.9 55.3



#82  
4-Chlorotoluene  
Concen: 50.178 ug/l  
RT: 13.217 min Scan# 1915  
Delta R.T. -0.000 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

Tgt Ion: 91 Resp: 352049  
Ion Ratio Lower Upper  
91 100  
126 33.1 16.1 48.2





#83

tert-Butylbenzene

Concen: 48.171 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VN086065.D

Acq: 24 Mar 2025 12:03

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

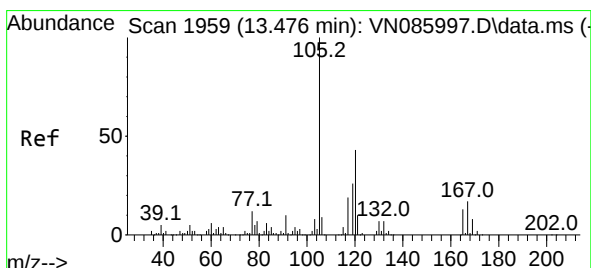
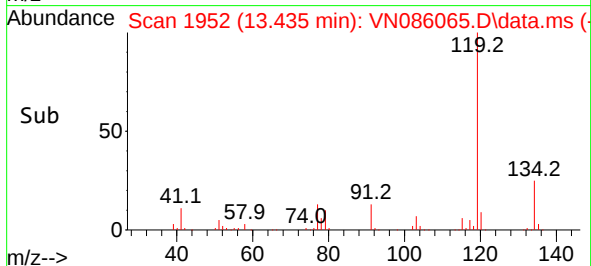
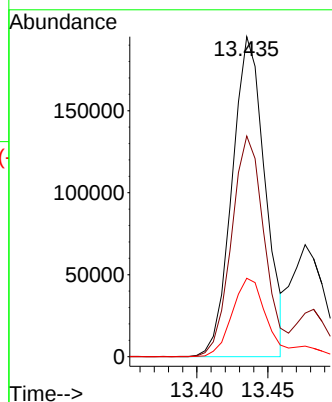
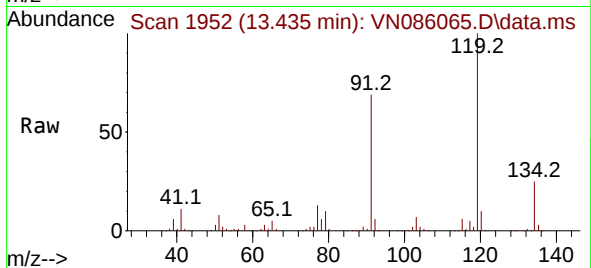
Tgt Ion:119 Resp: 315522

Ion Ratio Lower Upper

119 100

91 69.4 34.3 102.9

134 27.6 13.5 40.5



#84

1,2,4-Trimethylbenzene

Concen: 53.663 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.006 min

Lab File: VN086065.D

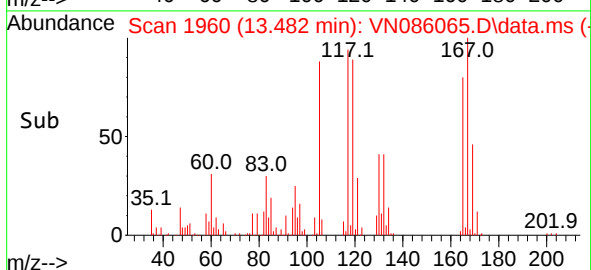
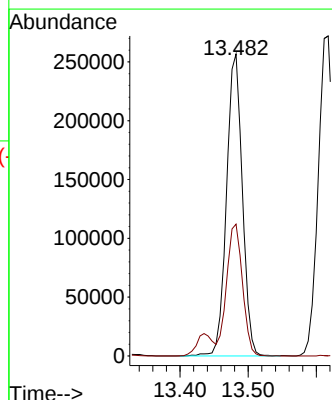
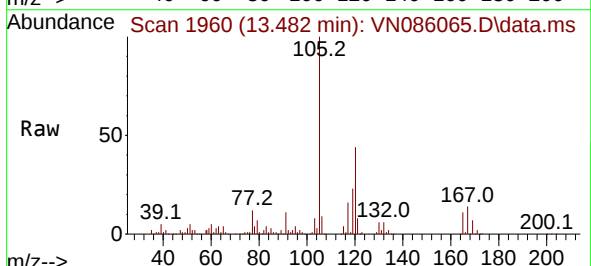
Acq: 24 Mar 2025 12:03

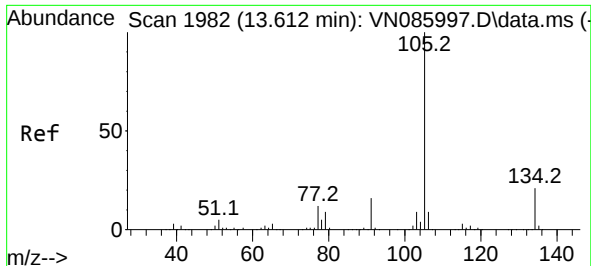
Tgt Ion:105 Resp: 414523

Ion Ratio Lower Upper

105 100

120 43.8 21.9 65.8

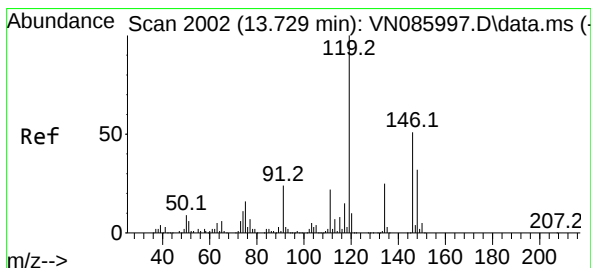
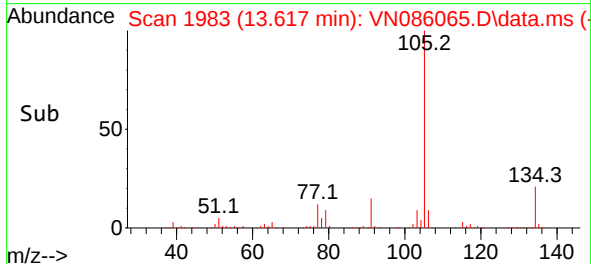
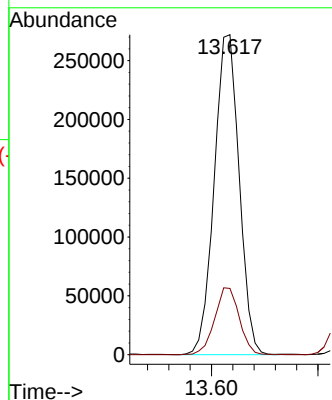
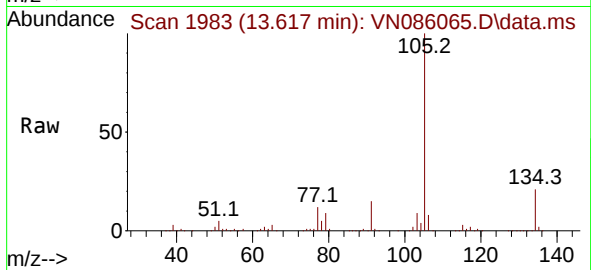




#85  
 sec-Butylbenzene  
 Concen: 51.773 ug/l  
 RT: 13.617 min Scan# 1982  
 Delta R.T. 0.006 min  
 Lab File: VN086065.D  
 Acq: 24 Mar 2025 12:03

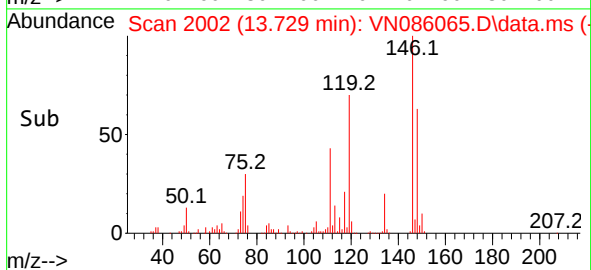
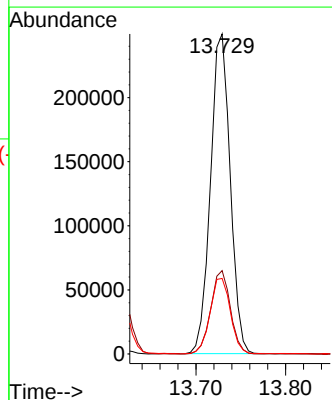
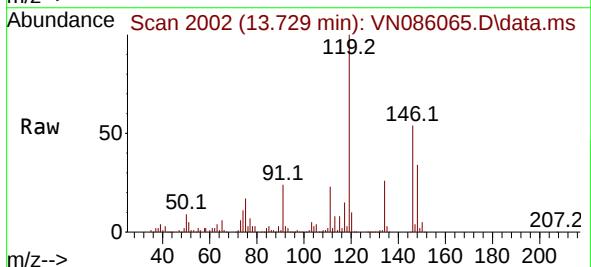
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 ClientSampleId :  
 VSTDCCC050

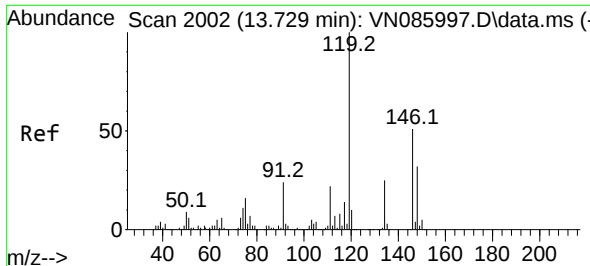
Tgt Ion:105 Resp: 442387  
 Ion Ratio Lower Upper  
 105 100  
 134 20.6 10.1 30.1



#86  
 p-Isopropyltoluene  
 Concen: 52.644 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. -0.000 min  
 Lab File: VN086065.D  
 Acq: 24 Mar 2025 12:03

Tgt Ion:119 Resp: 380786  
 Ion Ratio Lower Upper  
 119 100  
 134 26.0 12.6 37.8  
 91 24.3 12.3 36.8

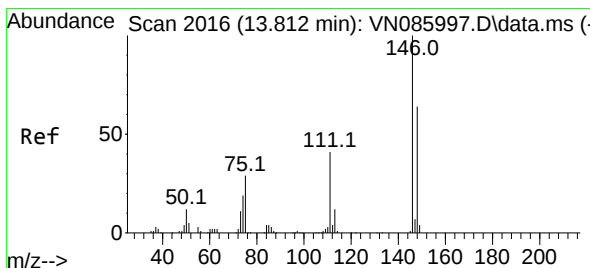
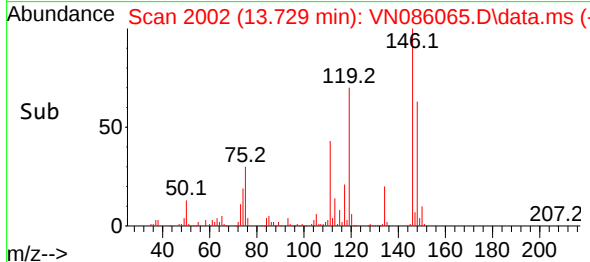
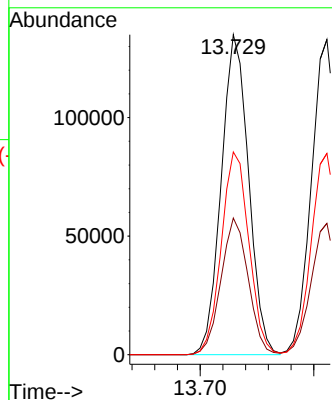
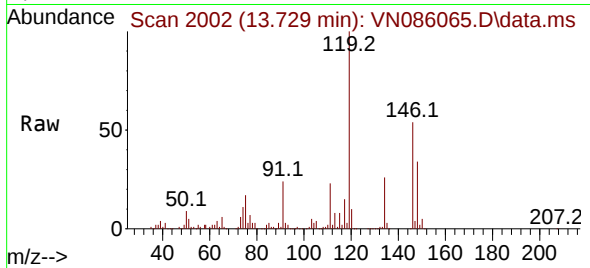




#87  
1,3-Dichlorobenzene  
Concen: 49.510 ug/l  
RT: 13.729 min Scan# 2002  
Delta R.T. -0.000 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

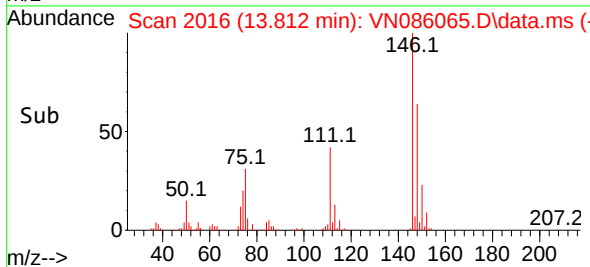
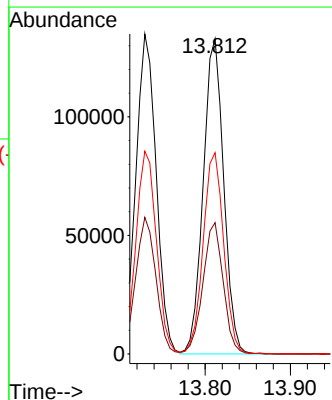
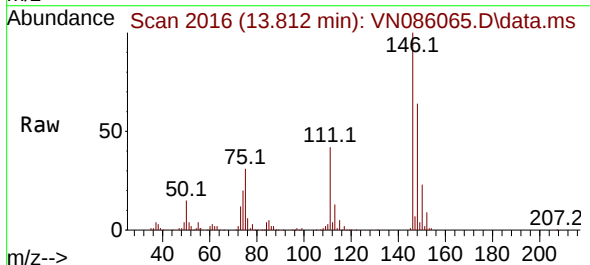
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

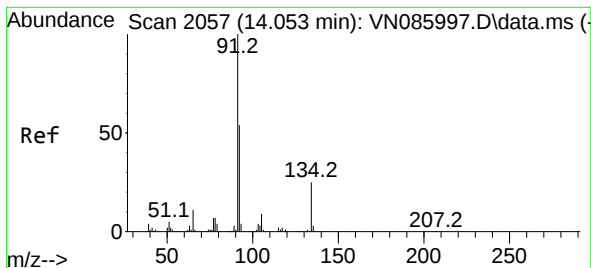
Tgt Ion:146 Resp: 225724  
Ion Ratio Lower Upper  
146 100  
111 42.6 21.2 63.6  
148 64.0 31.8 95.4



#88  
1,4-Dichlorobenzene  
Concen: 46.439 ug/l  
RT: 13.812 min Scan# 2016  
Delta R.T. -0.000 min  
Lab File: VN086065.D  
Acq: 24 Mar 2025 12:03

Tgt Ion:146 Resp: 222451  
Ion Ratio Lower Upper  
146 100  
111 41.4 20.4 61.3  
148 64.3 32.1 96.5





#89

n-Butylbenzene

Concen: 50.117 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN086065.D

Acq: 24 Mar 2025 12:03

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

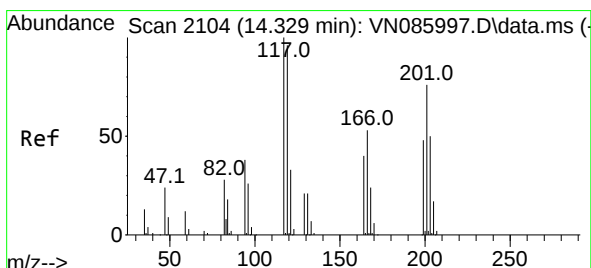
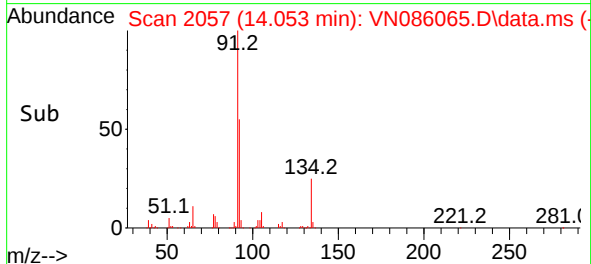
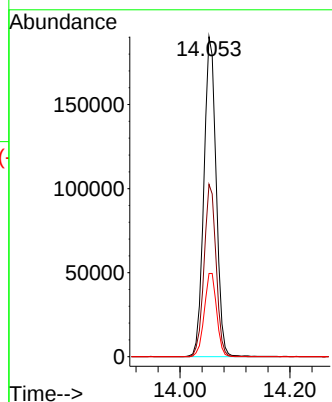
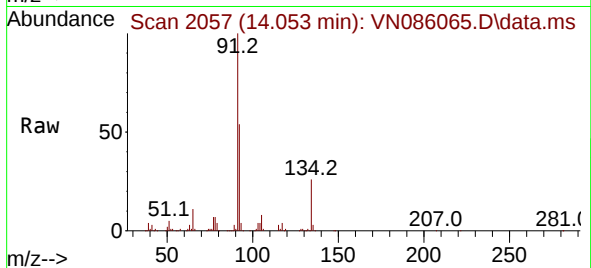
Tgt Ion: 91 Resp: 295205

Ion Ratio Lower Upper

91 100

92 52.8 26.9 80.6

134 26.1 13.0 39.0



#90

Hexachloroethane

Concen: 47.295 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.000 min

Lab File: VN086065.D

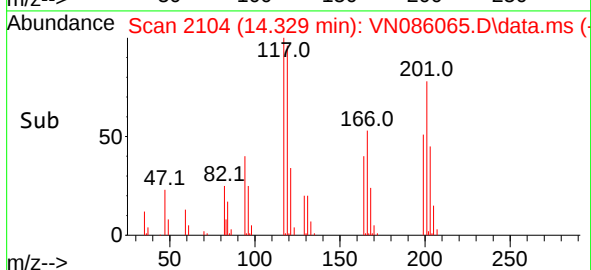
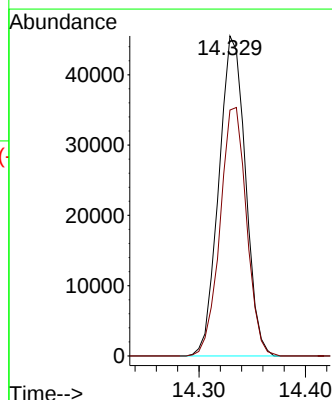
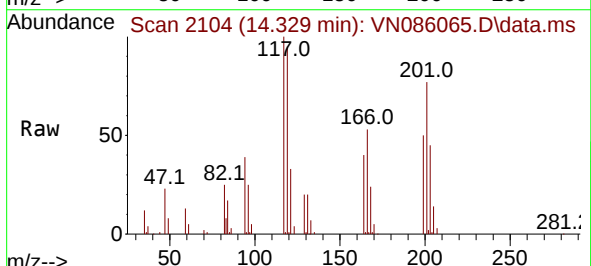
Acq: 24 Mar 2025 12:03

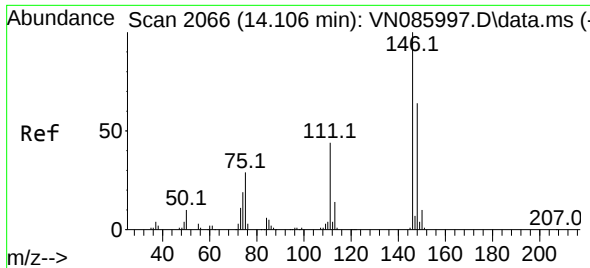
Tgt Ion: 117 Resp: 78937

Ion Ratio Lower Upper

117 100

201 77.1 39.1 117.3

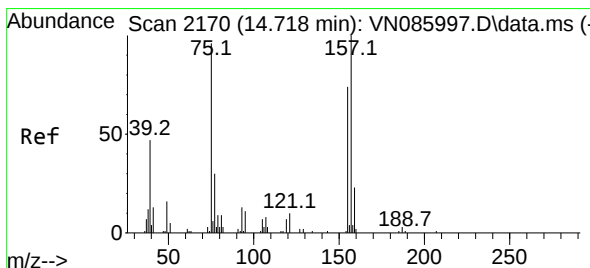
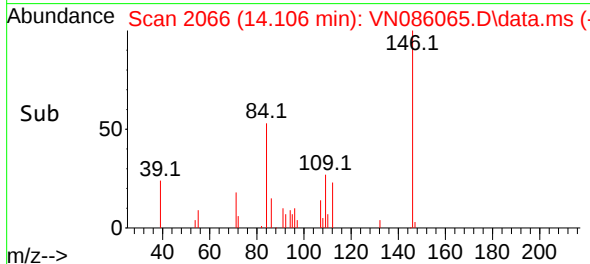
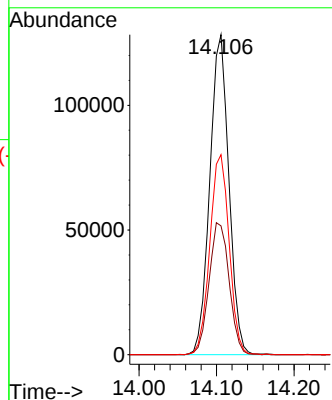
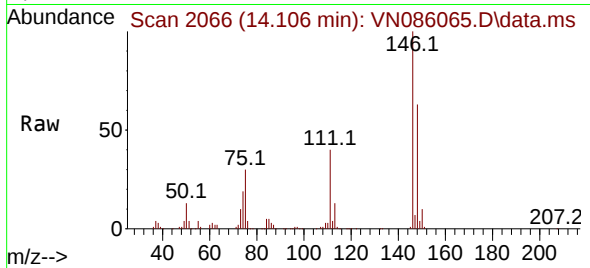




#91  
 1,2-Dichlorobenzene  
 Concen: 48.368 ug/l  
 RT: 14.106 min Scan# 2066  
 Delta R.T. -0.000 min  
 Lab File: VN086065.D  
 Acq: 24 Mar 2025 12:03

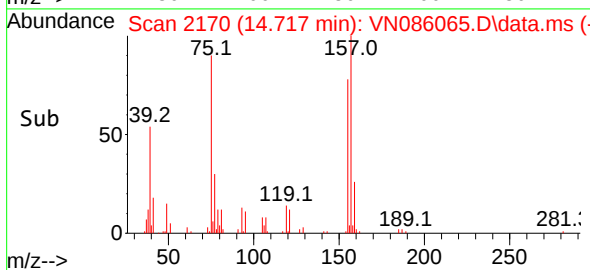
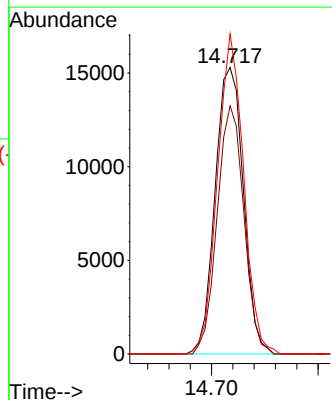
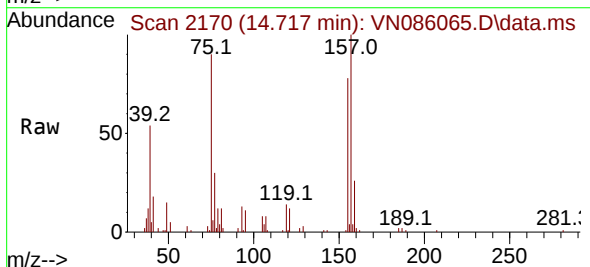
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

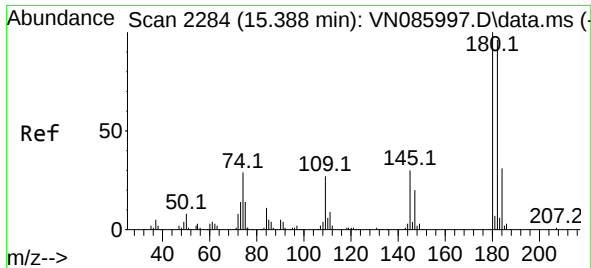
Tgt Ion:146 Resp: 219219  
 Ion Ratio Lower Upper  
 146 100  
 111 43.6 22.3 66.8  
 148 63.4 32.1 96.5



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 45.928 ug/l  
 RT: 14.717 min Scan# 2170  
 Delta R.T. -0.000 min  
 Lab File: VN086065.D  
 Acq: 24 Mar 2025 12:03

Tgt Ion: 75 Resp: 28135  
 Ion Ratio Lower Upper  
 75 100  
 155 81.9 41.0 123.0  
 157 103.4 53.7 161.1

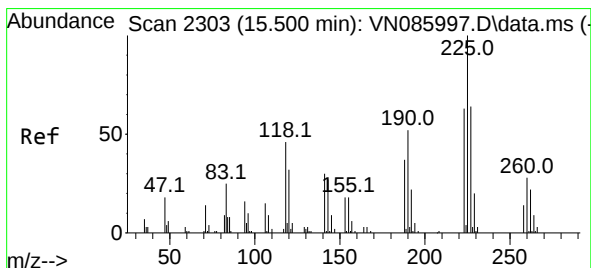
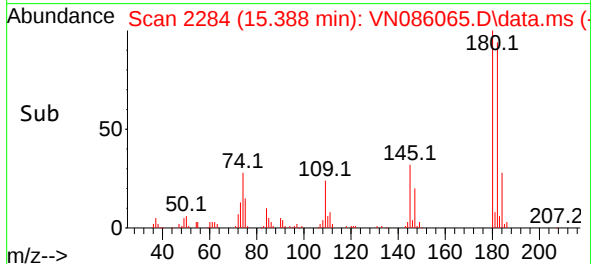
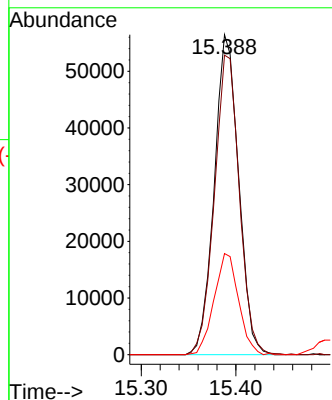
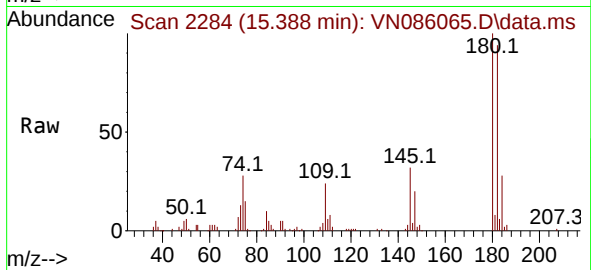




#93  
 1,2,4-Trichlorobenzene  
 Concen: 44.240 ug/l  
 RT: 15.388 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VN086065.D  
 Acq: 24 Mar 2025 12:03

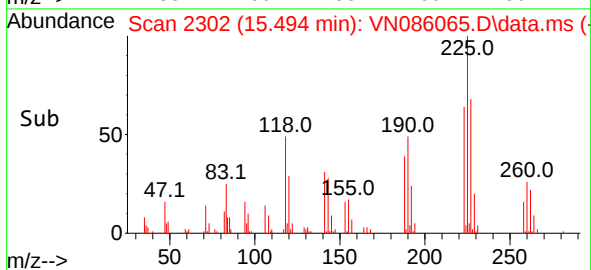
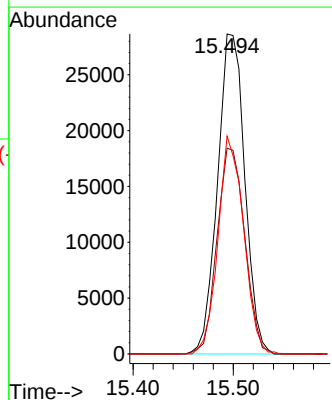
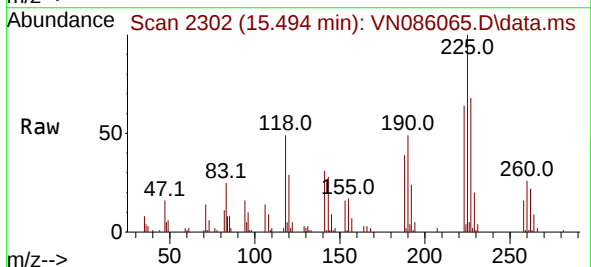
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

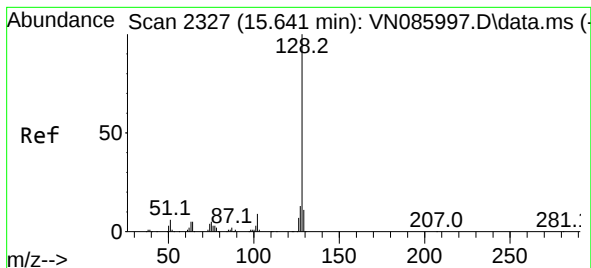
Tgt Ion:180 Resp: 100819  
 Ion Ratio Lower Upper  
 180 100  
 182 95.9 47.0 141.0  
 145 31.8 15.5 46.5



#94  
 Hexachlorobutadiene  
 Concen: 40.902 ug/l  
 RT: 15.494 min Scan# 2302  
 Delta R.T. -0.006 min  
 Lab File: VN086065.D  
 Acq: 24 Mar 2025 12:03

Tgt Ion:225 Resp: 54079  
 Ion Ratio Lower Upper  
 225 100  
 223 65.3 31.3 93.9  
 227 63.9 32.1 96.3





#95

Naphthalene

Concen: 45.720 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN086065.D

Acq: 24 Mar 2025 12:03

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

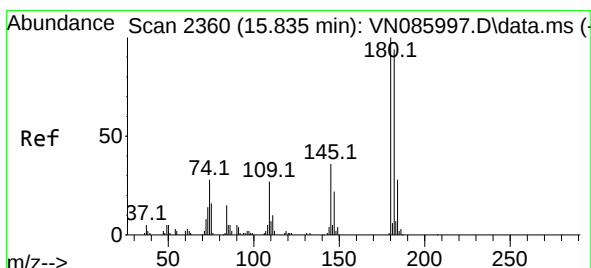
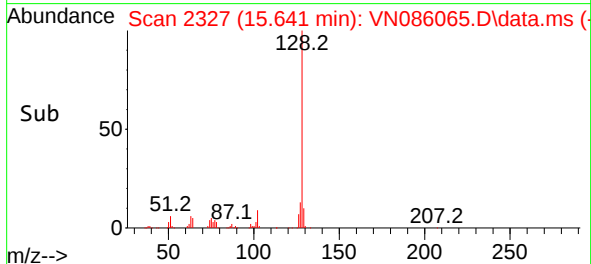
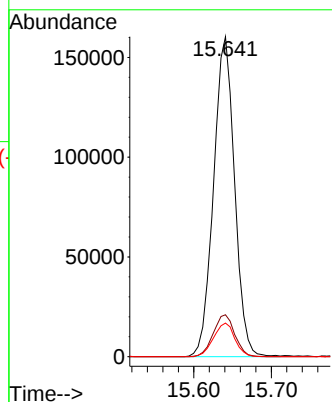
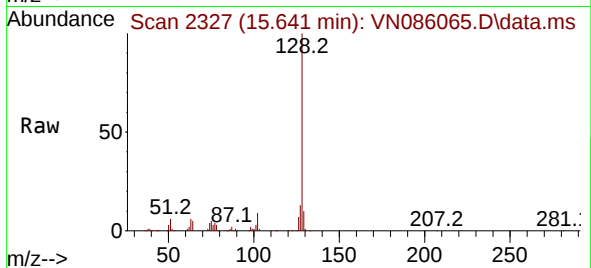
Tgt Ion:128 Resp: 301701

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.4

129 10.7 9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 46.745 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN086065.D

Acq: 24 Mar 2025 12:03

Tgt Ion:180 Resp: 101083

Ion Ratio Lower Upper

180 100

182 96.9 47.5 142.5

145 35.1 17.7 53.1

