

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN011425\  
 Data File : VN085442.D  
 Acq On : 14 Jan 2025 16:31  
 Operator : JC\MD  
 Sample : VSTDICC005  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC005

Quant Time: Jan 15 01:45:08 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011425W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 15 01:28:51 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.218  | 168  | 186556   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.100  | 114  | 324413   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 282203   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.788 | 152  | 126086   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.577  | 65    | 17046    | 5.660    | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 11.320%# |
| 35) Dibromofluoromethane    | 8.165  | 113   | 12102    | 5.377    | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 10.760%# |
| 50) Toluene-d8              | 10.565 | 98    | 41328    | 5.168    | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 10.340%# |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 13520    | 4.943    | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =    | 9.880%#  |

|                              |       |     |        |        |        |     |
|------------------------------|-------|-----|--------|--------|--------|-----|
| Target Compounds             |       |     |        |        | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.124 | 85  | 13199  | 5.225  | ug/l   | 97  |
| 3) Chloromethane             | 2.359 | 50  | 14526  | 5.311  | ug/l   | 96  |
| 4) Vinyl Chloride            | 2.512 | 62  | 14564  | 5.298  | ug/l   | 98  |
| 5) Bromomethane              | 2.953 | 94  | 9788   | 5.895  | ug/l   | 98  |
| 6) Chloroethane              | 3.124 | 64  | 9430   | 5.411  | ug/l   | 99  |
| 7) Trichlorofluoromethane    | 3.501 | 101 | 20098  | 5.039  | ug/l   | 92  |
| 8) Diethyl Ether             | 3.959 | 74  | 6652   | 4.828  | ug/l   | 100 |
| 9) 1,1,2-Trichlorotrifluo... | 4.365 | 101 | 11917  | 5.305  | ug/l   | 97  |
| 10) Methyl Iodide            | 4.583 | 142 | 12331  | 4.793  | ug/l   | 99  |
| 11) Tert butyl alcohol       | 5.518 | 59  | 9075   | 26.318 | ug/l # | 94  |
| 12) 1,1-Dichloroethene       | 4.342 | 96  | 10429  | 5.209  | ug/l   | 96  |
| 13) Acrolein                 | 4.171 | 56  | 9430   | 20.033 | ug/l   | 97  |
| 14) Allyl chloride           | 5.030 | 41  | 16741  | 5.153  | ug/l   | 97  |
| 15) Acrylonitrile            | 5.718 | 53  | 27869  | 25.445 | ug/l   | 97  |
| 16) Acetone                  | 4.430 | 43  | 25122  | 25.819 | ug/l   | 97  |
| 17) Carbon Disulfide         | 4.706 | 76  | 32068  | 5.202  | ug/l   | 96  |
| 18) Methyl Acetate           | 5.024 | 43  | 15106  | 5.106  | ug/l   | 97  |
| 19) Methyl tert-butyl Ether  | 5.800 | 73  | 31439  | 4.836  | ug/l   | 94  |
| 20) Methylene Chloride       | 5.271 | 84  | 12981  | 5.389  | ug/l # | 83  |
| 21) trans-1,2-Dichloroethene | 5.783 | 96  | 10614  | 4.960  | ug/l # | 78  |
| 22) Diisopropyl ether        | 6.665 | 45  | 35785  | 4.962  | ug/l # | 96  |
| 23) Vinyl Acetate            | 6.600 | 43  | 139425 | 27.533 | ug/l   | 96  |
| 24) 1,1-Dichloroethane       | 6.565 | 63  | 22865  | 5.200  | ug/l   | 99  |
| 25) 2-Butanone               | 7.483 | 43  | 36127  | 25.231 | ug/l   | 99  |
| 26) 2,2-Dichloropropane      | 7.488 | 77  | 18398  | 5.175  | ug/l   | 100 |
| 27) cis-1,2-Dichloroethene   | 7.488 | 96  | 12477  | 4.951  | ug/l   | 99  |
| 28) Bromochloromethane       | 7.806 | 49  | 11096  | 5.424  | ug/l   | 99  |
| 29) Tetrahydrofuran          | 7.841 | 42  | 21983  | 24.215 | ug/l   | 99  |
| 30) Chloroform               | 7.959 | 83  | 23384  | 5.146  | ug/l   | 98  |
| 31) Cyclohexane              | 8.247 | 56  | 22343  | 5.846  | ug/l # | 92  |
| 32) 1,1,1-Trichloroethane    | 8.159 | 97  | 21416  | 5.372  | ug/l   | 91  |
| 36) 1,1-Dichloropropene      | 8.371 | 75  | 15886  | 5.029  | ug/l   | 96  |
| 37) Ethyl Acetate            | 7.553 | 43  | 15336  | 4.810  | ug/l   | 100 |
| 38) Carbon Tetrachloride     | 8.359 | 117 | 18317  | 5.065  | ug/l   | 96  |
| 39) Methylcyclohexane        | 9.600 | 83  | 14175  | 4.776  | ug/l   | 98  |
| 40) Benzene                  | 8.600 | 78  | 47833  | 5.040  | ug/l   | 99  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN011425\  
 Data File : VN085442.D  
 Acq On : 14 Jan 2025 16:31  
 Operator : JC\MD  
 Sample : VSTDICC005  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC005

Quant Time: Jan 15 01:45:08 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011425W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 15 01:28:51 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.777  | 41   | 7380     | 4.449  | ug/l   | 96       |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 18628    | 5.211  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.688  | 43   | 24792    | 4.853  | ug/l   | 98       |
| 44) Trichloroethene           | 9.347  | 130  | 11133    | 5.039  | ug/l   | 86       |
| 45) 1,2-Dichloropropane       | 9.618  | 63   | 12591    | 5.194  | ug/l   | 92       |
| 46) Dibromomethane            | 9.700  | 93   | 8230     | 4.705  | ug/l   | 91       |
| 47) Bromodichloromethane      | 9.888  | 83   | 18456    | 5.179  | ug/l # | 96       |
| 48) Methyl methacrylate       | 9.677  | 41   | 10574    | 4.599  | ug/l   | 95       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 3619     | 93.477 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone      | 10.441 | 43   | 71889    | 24.250 | ug/l   | 98       |
| 52) Toluene                   | 10.629 | 92   | 27098    | 4.928  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.829 | 75   | 17099    | 5.077  | ug/l   | 95       |
| 54) cis-1,3-Dichloropropene   | 10.306 | 75   | 17440    | 4.848  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 11.012 | 97   | 11311    | 5.197  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.871 | 69   | 14094    | 5.627  | ug/l   | 94       |
| 57) 1,3-Dichloropropane       | 11.159 | 76   | 18945    | 5.006  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 33210    | 24.047 | ug/l   | 97       |
| 59) 2-Hexanone                | 11.194 | 43   | 49021    | 23.501 | ug/l   | 94       |
| 60) Dibromochloromethane      | 11.353 | 129  | 13635    | 5.190  | ug/l   | 96       |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 10419    | 4.810  | ug/l   | 98       |
| 64) Tetrachloroethene         | 11.100 | 164  | 9756     | 5.071  | ug/l   | 91       |
| 65) Chlorobenzene             | 11.888 | 112  | 31312    | 5.065  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 11620    | 5.121  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.965 | 91   | 48216    | 4.789  | ug/l   | 98       |
| 68) m/p-Xylenes               | 12.065 | 106  | 34771    | 9.344  | ug/l   | 99       |
| 69) o-Xylene                  | 12.394 | 106  | 16419    | 4.617  | ug/l   | 98       |
| 70) Styrene                   | 12.412 | 104  | 26218    | 4.454  | ug/l   | 99       |
| 71) Bromoform                 | 12.576 | 173  | 8017     | 4.938  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.694 | 105  | 39811    | 4.678  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.488 | 43   | 17577    | 4.595  | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 15483    | 5.151  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 18624    | 7.279  | ug/l   | 48       |
| 77) Bromobenzene              | 12.982 | 156  | 11091    | 4.989  | ug/l   | 99       |
| 78) n-propylbenzene           | 13.035 | 91   | 45450    | 4.512  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 31932    | 4.898  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 13.170 | 105  | 31891    | 4.537  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.729 | 75   | 4229     | 4.465  | ug/l   | 90       |
| 82) 4-Chlorotoluene           | 13.218 | 91   | 31976    | 4.926  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.435 | 119  | 27597    | 4.675  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 32054    | 4.575  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.612 | 105  | 38148    | 4.663  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.723 | 119  | 29856    | 4.584  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.729 | 146  | 20876    | 5.099  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 21982    | 5.179  | ug/l   | 97       |
| 89) n-Butylbenzene            | 14.053 | 91   | 27437    | 4.675  | ug/l   | 96       |
| 90) Hexachloroethane          | 14.329 | 117  | 7767     | 4.987  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 20177    | 4.940  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.729 | 75   | 2872     | 5.232  | ug/l   | 90       |
| 93) 1,2,4-Trichlorobenzene    | 15.388 | 180  | 9037     | 4.761  | ug/l   | 94       |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 5563     | 5.520  | ug/l   | 98       |
| 95) Naphthalene               | 15.641 | 128  | 25047    | 4.422  | ug/l   | 96       |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 8737     | 4.549  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN011425\  
Data File : VN085442.D  
Acq On : 14 Jan 2025 16:31  
Operator : JC\MD  
Sample : VSTDICC005  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 8 Sample Multiplier: 1

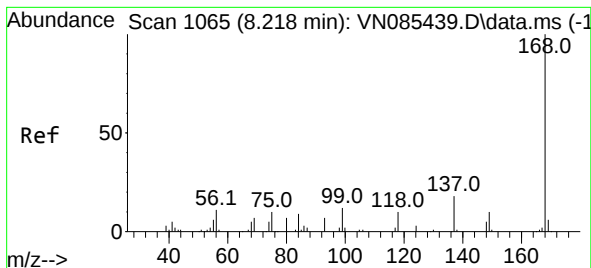
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC005

Quant Time: Jan 15 01:45:08 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011425W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jan 15 01:28:51 2025  
Response via : Initial Calibration

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

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

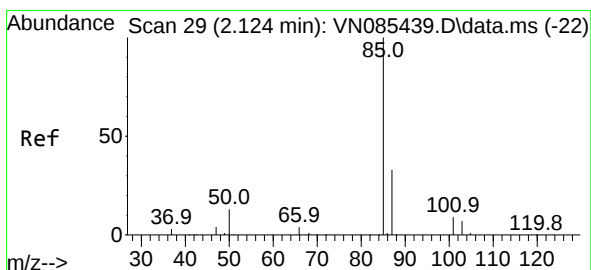
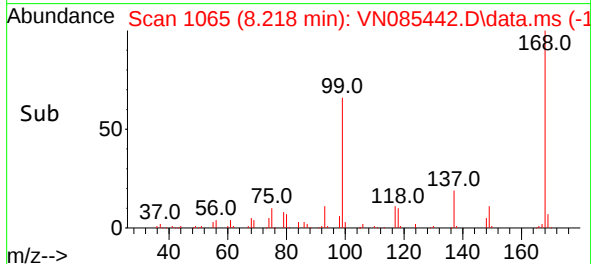
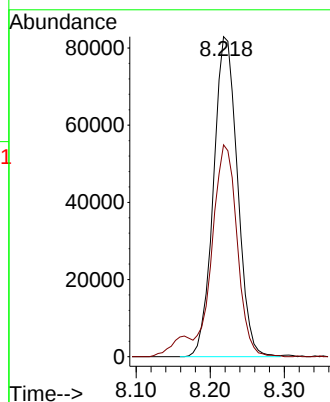
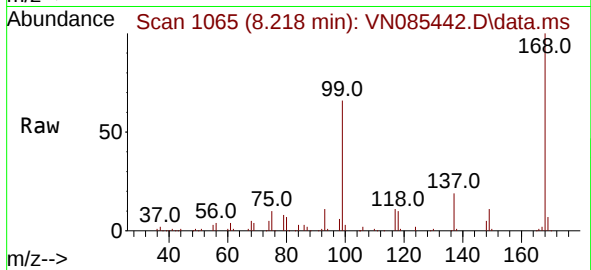




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.218 min Scan# 1065  
Delta R.T. -0.000 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

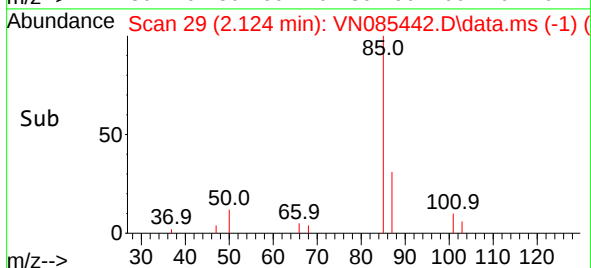
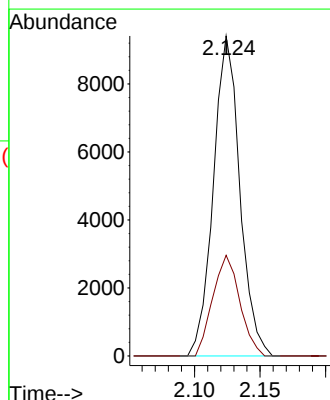
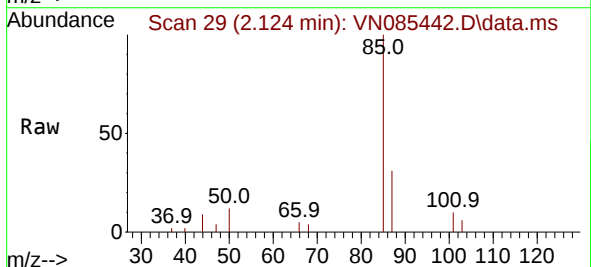
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MSVOA\_N  
ClientSampleId :  
VSTDIC005

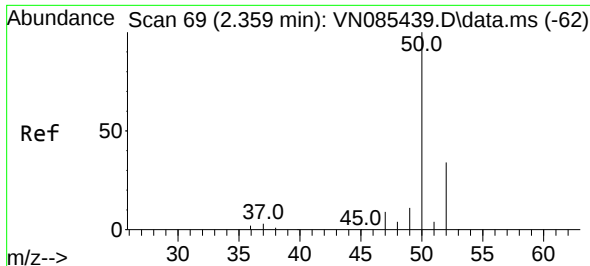
Tgt Ion:168 Resp: 186556  
Ion Ratio Lower Upper  
168 100  
99 65.9 53.6 80.4



#2  
Dichlorodifluoromethane  
Concen: 5.225 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. -0.000 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

Tgt Ion: 85 Resp: 13199  
Ion Ratio Lower Upper  
85 100  
87 31.5 16.7 50.1

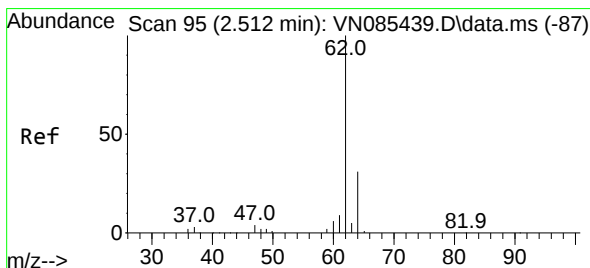
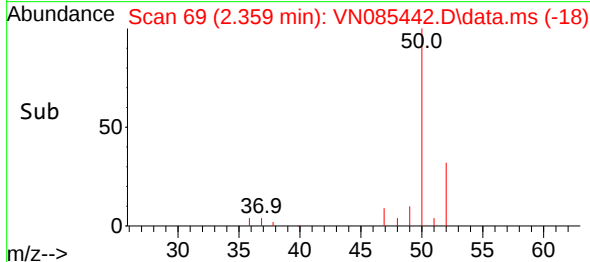
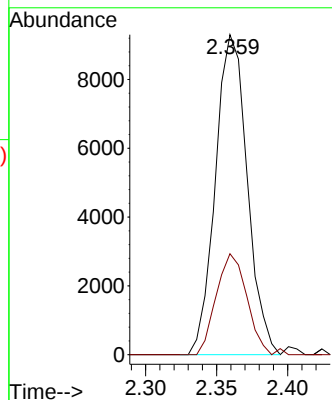
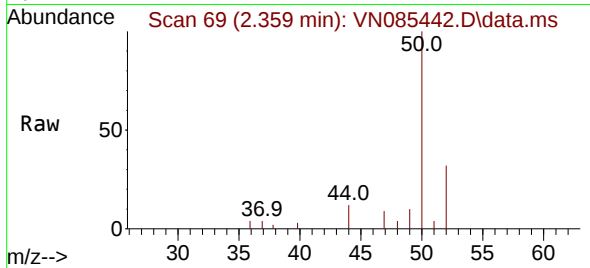




#3  
 Chloromethane  
 Concen: 5.311 ug/l  
 RT: 2.359 min Scan# 69  
 Delta R.T. 0.000 min  
 Lab File: VN085442.D  
 Acq: 14 Jan 2025 16:31

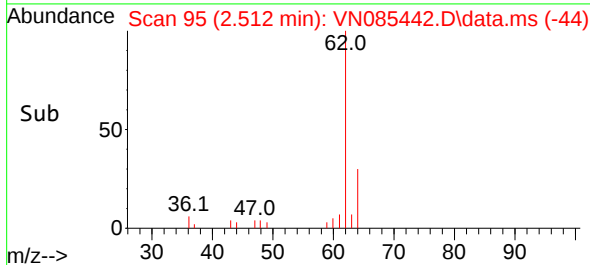
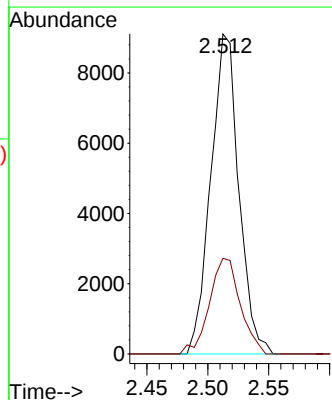
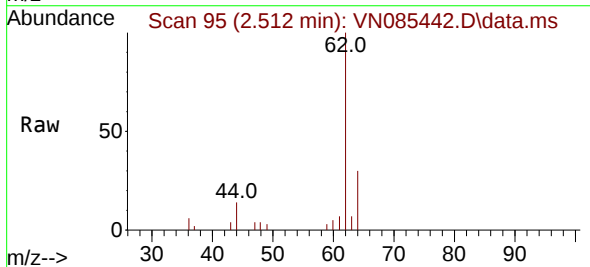
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

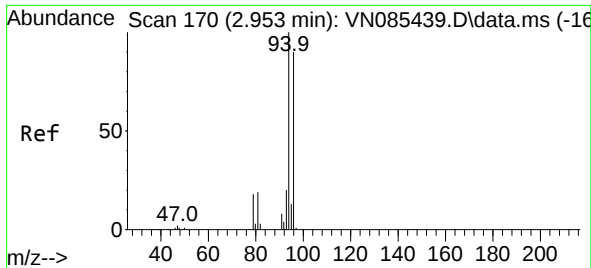
Tgt Ion: 50 Resp: 14526  
 Ion Ratio Lower Upper  
 50 100  
 52 31.6 27.0 40.6



#4  
 Vinyl Chloride  
 Concen: 5.298 ug/l  
 RT: 2.512 min Scan# 95  
 Delta R.T. 0.000 min  
 Lab File: VN085442.D  
 Acq: 14 Jan 2025 16:31

Tgt Ion: 62 Resp: 14564  
 Ion Ratio Lower Upper  
 62 100  
 64 29.9 24.8 37.2

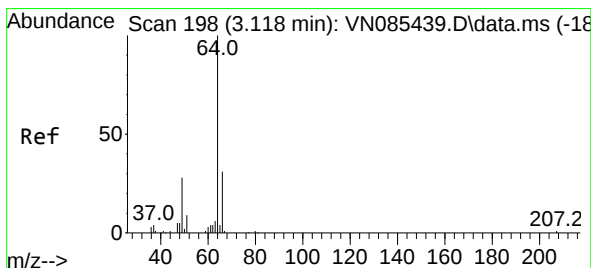
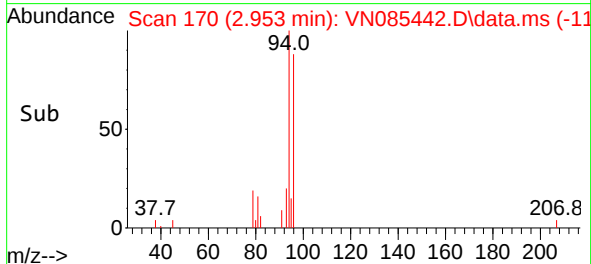
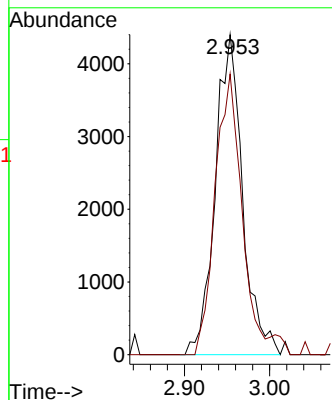
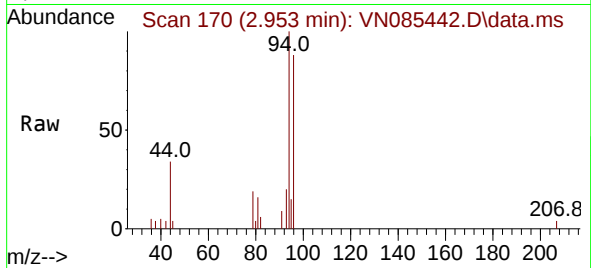




#5  
Bromomethane  
Concen: 5.895 ug/l  
RT: 2.953 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

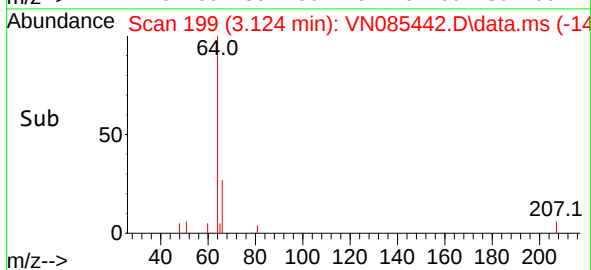
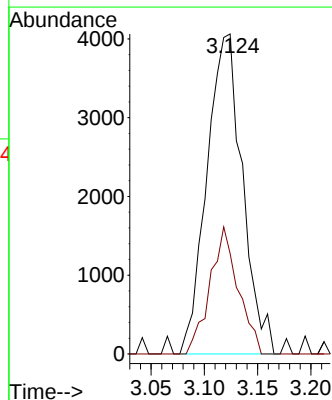
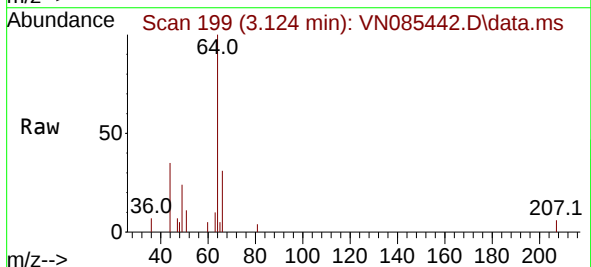
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

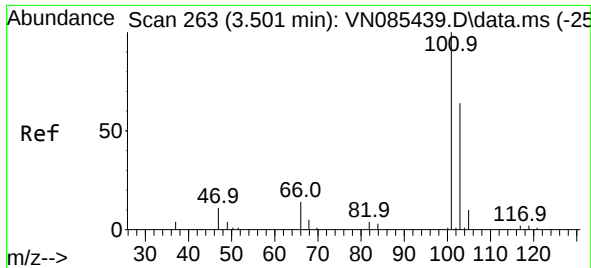
Tgt Ion: 94 Resp: 9788  
Ion Ratio Lower Upper  
94 100  
96 87.7 71.8 107.6



#6  
Chloroethane  
Concen: 5.411 ug/l  
RT: 3.124 min Scan# 199  
Delta R.T. 0.006 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

Tgt Ion: 64 Resp: 9430  
Ion Ratio Lower Upper  
64 100  
66 31.4 24.6 36.8

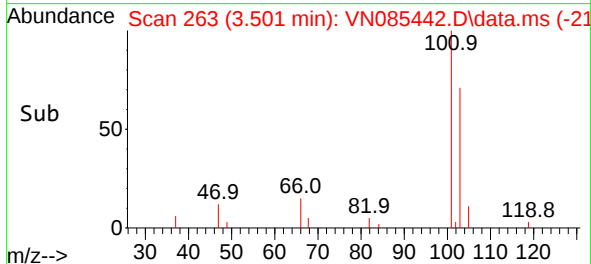
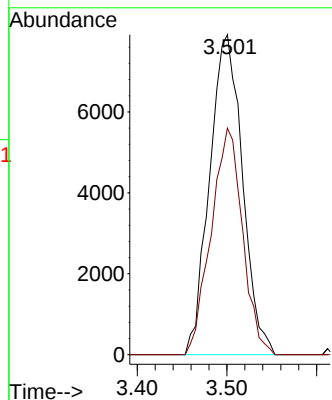
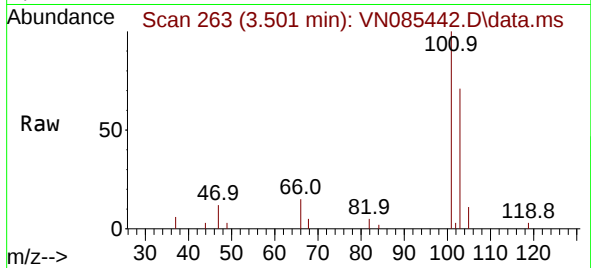




#7  
 Trichlorofluoromethane  
 Concen: 5.039 ug/l  
 RT: 3.501 min Scan# 2098  
 Delta R.T. 0.000 min  
 Lab File: VN085442.D  
 Acq: 14 Jan 2025 16:31

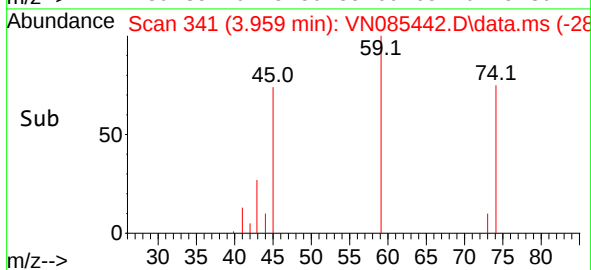
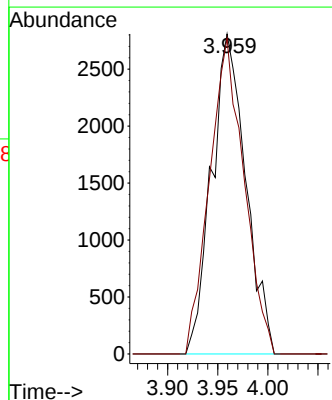
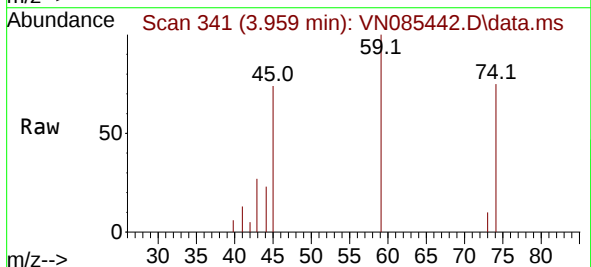
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

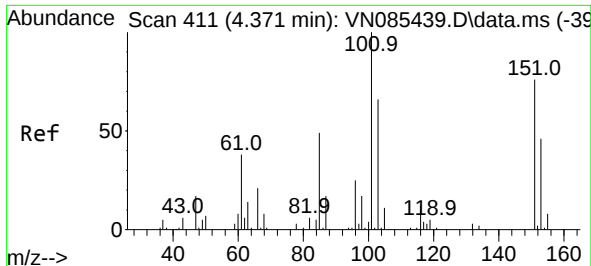
Tgt Ion:101 Resp: 20098  
 Ion Ratio Lower Upper  
 101 100  
 103 70.8 51.4 77.2



#8  
 Diethyl Ether  
 Concen: 4.828 ug/l  
 RT: 3.959 min Scan# 341  
 Delta R.T. 0.006 min  
 Lab File: VN085442.D  
 Acq: 14 Jan 2025 16:31

Tgt Ion: 74 Resp: 6652  
 Ion Ratio Lower Upper  
 74 100  
 45 99.5 49.7 149.1

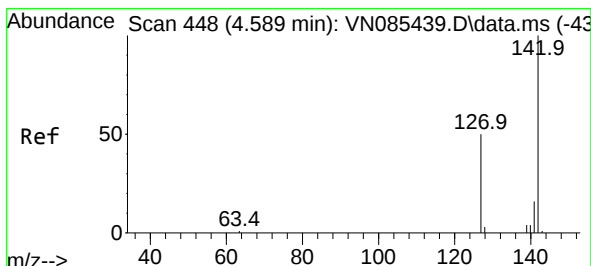
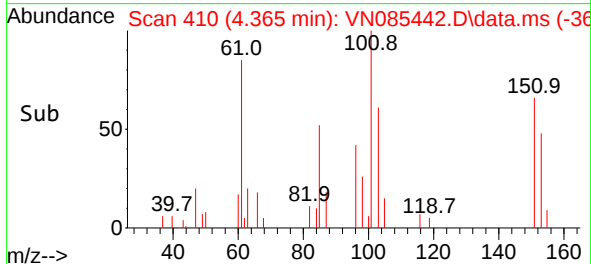
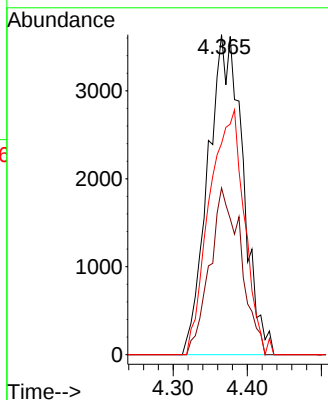
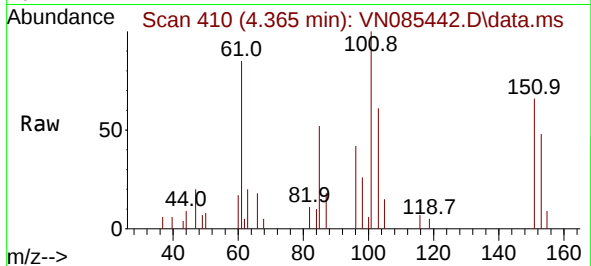




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 5.305 ug/l  
RT: 4.365 min Scan# 411  
Delta R.T. -0.006 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

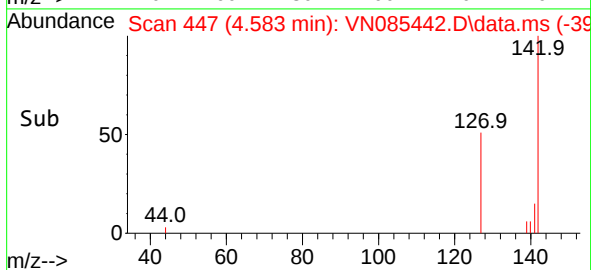
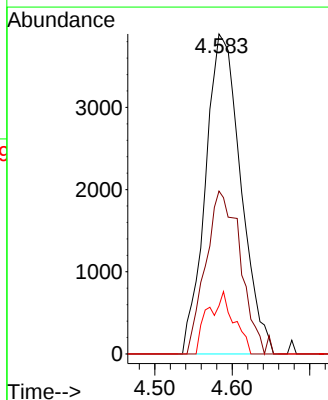
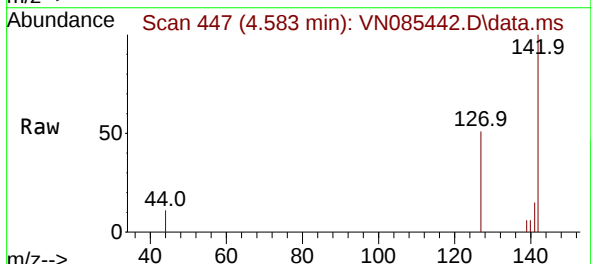
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tgt Ion:101 Resp: 11917  
Ion Ratio Lower Upper  
101 100  
85 46.5 37.8 56.8  
151 76.7 58.8 88.2



#10  
Methyl Iodide  
Concen: 4.793 ug/l  
RT: 4.583 min Scan# 447  
Delta R.T. -0.006 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

Tgt Ion:142 Resp: 12331  
Ion Ratio Lower Upper  
142 100  
127 50.9 40.3 60.5  
141 15.0 12.8 19.2

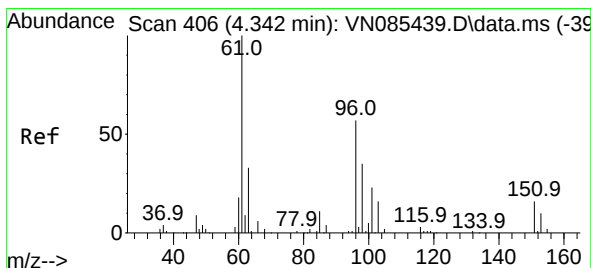
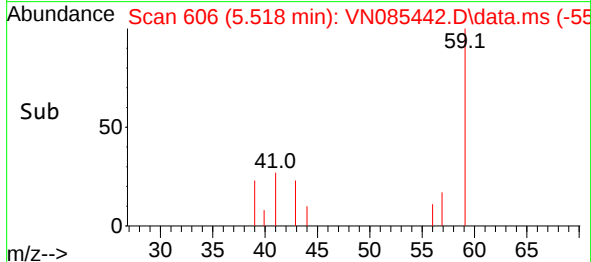
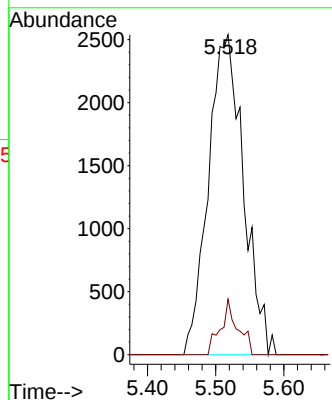
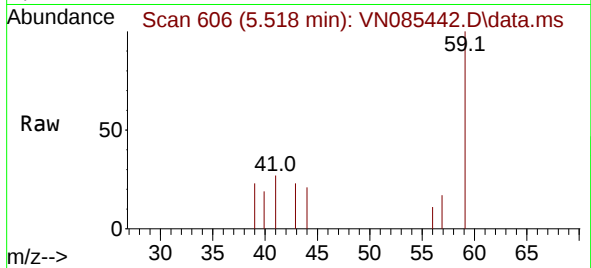




#11  
Tert butyl alcohol  
Concen: 26.318 ug/l  
RT: 5.518 min Scan# 605  
Delta R.T. 0.006 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

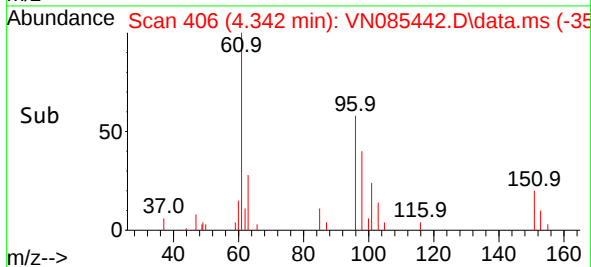
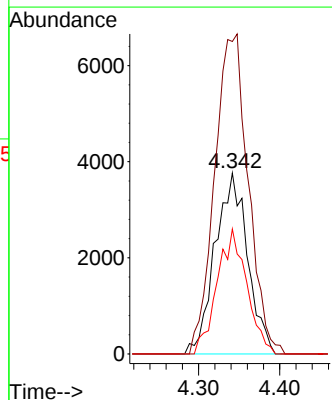
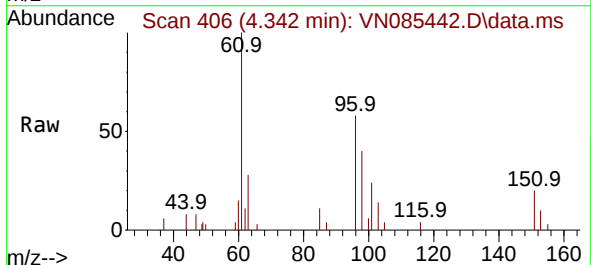
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

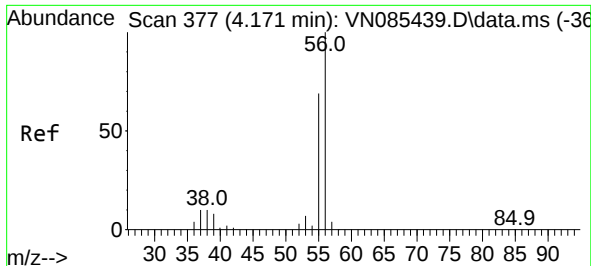
Tgt Ion: 59 Resp: 9075  
Ion Ratio Lower Upper  
59 100  
57 8.5 8.6 13.0#



#12  
1,1-Dichloroethene  
Concen: 5.209 ug/l  
RT: 4.342 min Scan# 406  
Delta R.T. 0.000 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

Tgt Ion: 96 Resp: 10429  
Ion Ratio Lower Upper  
96 100  
61 172.7 141.0 211.4  
98 69.0 49.0 73.6





#13

Acrolein

Concen: 20.033 ug/l

RT: 4.171 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN085442.D

Acq: 14 Jan 2025 16:31

Instrument :

MSVOA\_N

ClientSampleId :

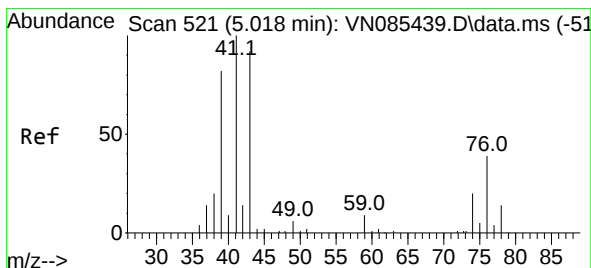
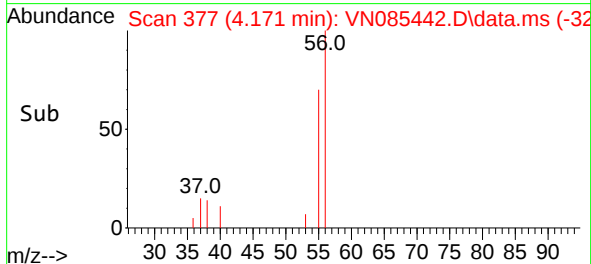
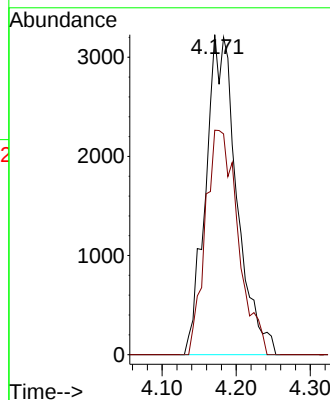
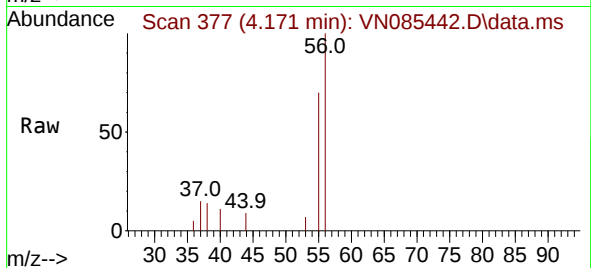
VSTDIC005

Tgt Ion: 56 Resp: 9430

Ion Ratio Lower Upper

56 100

55 73.2 56.3 84.5



#14

Allyl chloride

Concen: 5.153 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.012 min

Lab File: VN085442.D

Acq: 14 Jan 2025 16:31

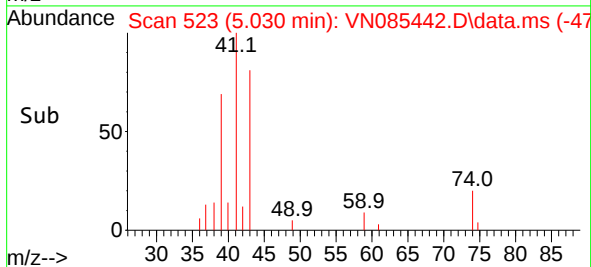
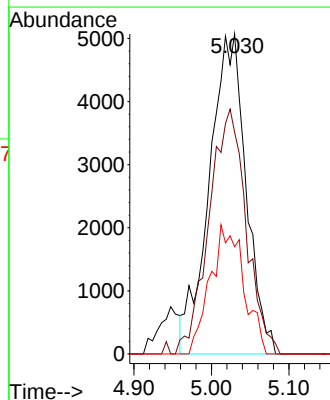
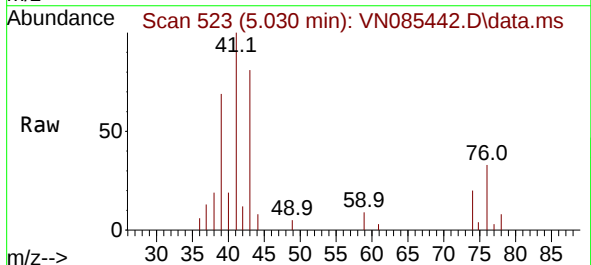
Tgt Ion: 41 Resp: 16741

Ion Ratio Lower Upper

41 100

39 77.4 64.4 96.6

76 36.6 30.5 45.7

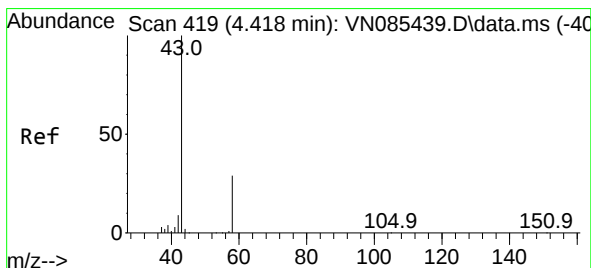
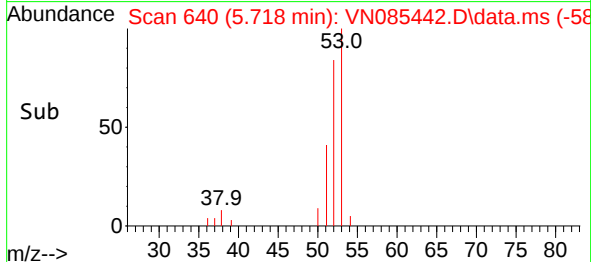
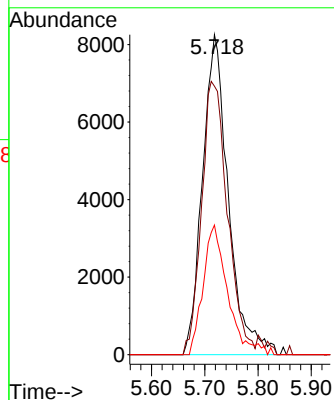
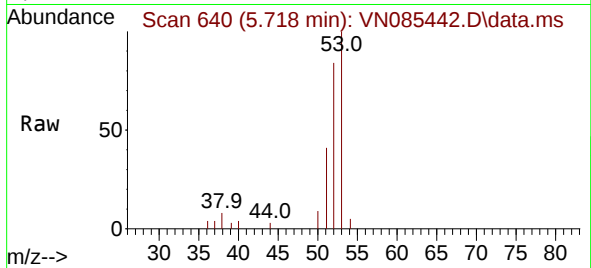




#15  
Acrylonitrile  
Concen: 25.445 ug/l  
RT: 5.718 min Scan# 640  
Delta R.T. 0.006 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

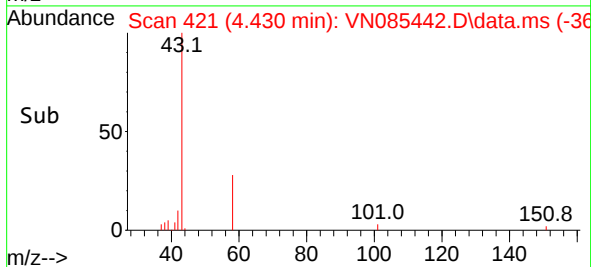
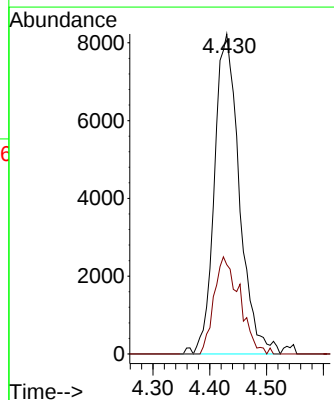
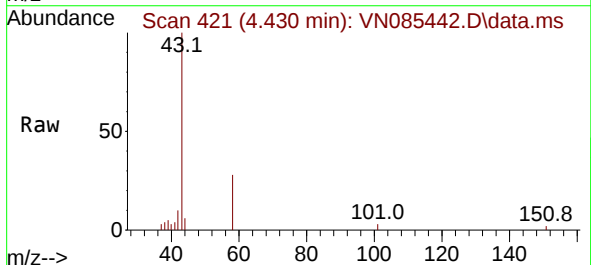
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

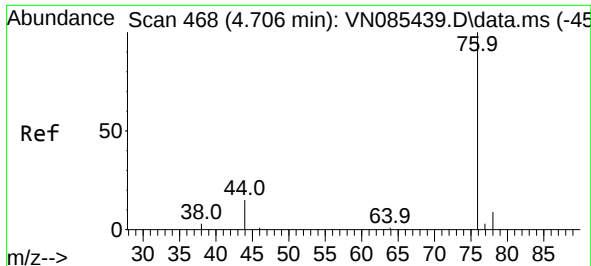
|             |             |
|-------------|-------------|
| Tgt Ion: 53 | Resp: 27869 |
| Ion Ratio   | Lower Upper |
| 53 100      |             |
| 52 85.5     | 65.5 98.3   |
| 51 38.5     | 29.8 44.8   |



#16  
Acetone  
Concen: 25.819 ug/l  
RT: 4.430 min Scan# 421  
Delta R.T. 0.012 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 25122 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 58 27.9     | 23.8 35.6   |

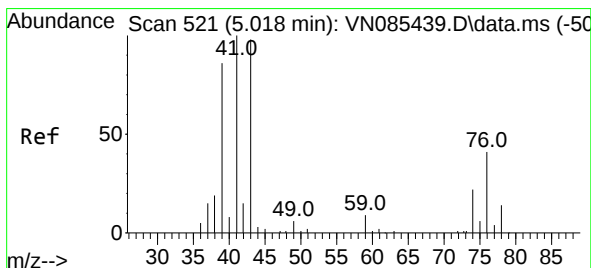
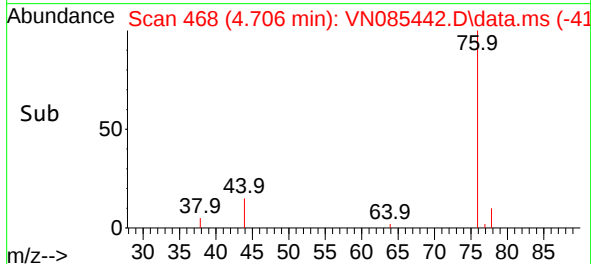
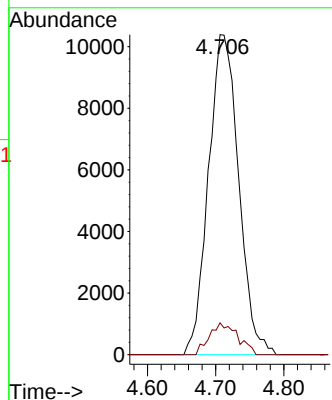
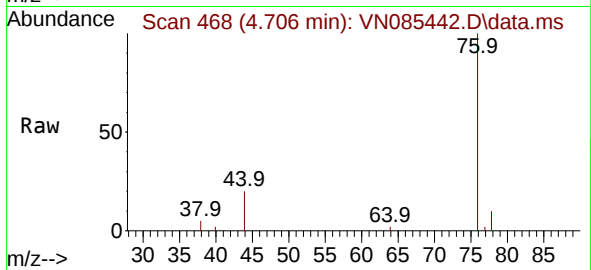




#17  
Carbon Disulfide  
Concen: 5.202 ug/l  
RT: 4.706 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

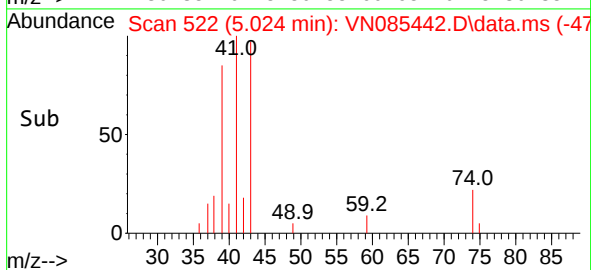
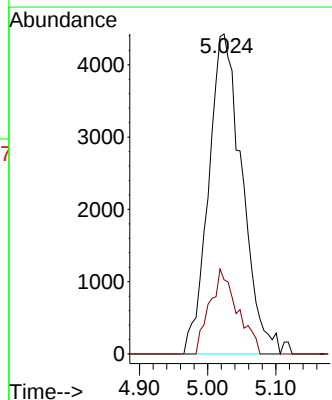
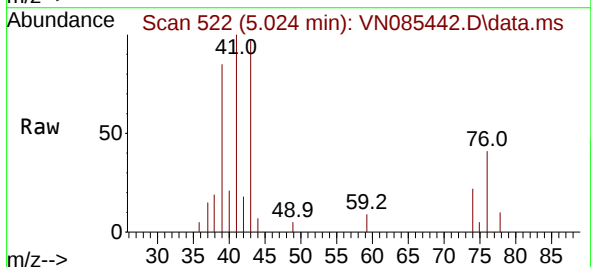
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

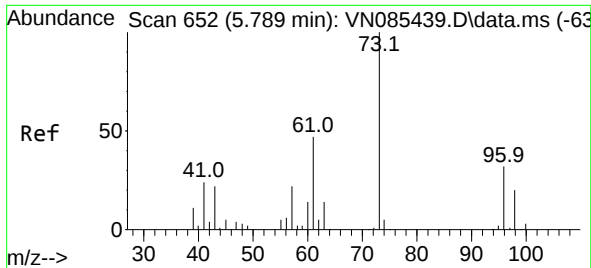
Tgt Ion: 76 Resp: 32068  
Ion Ratio Lower Upper  
76 100  
78 9.9 6.9 10.3



#18  
Methyl Acetate  
Concen: 5.106 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. 0.006 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

Tgt Ion: 43 Resp: 15106  
Ion Ratio Lower Upper  
43 100  
74 22.0 18.6 28.0

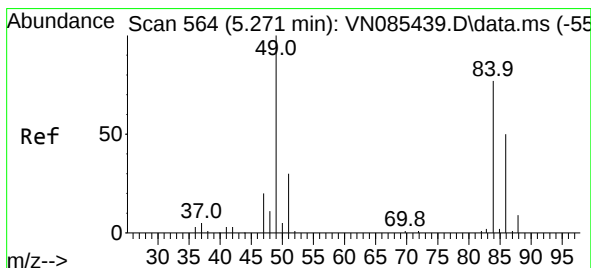
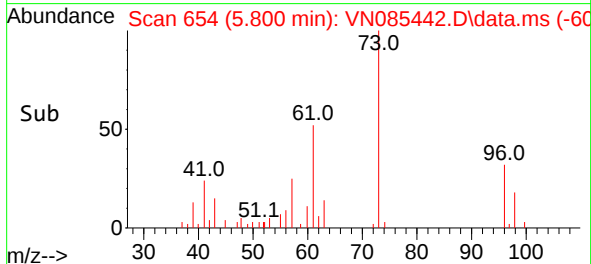
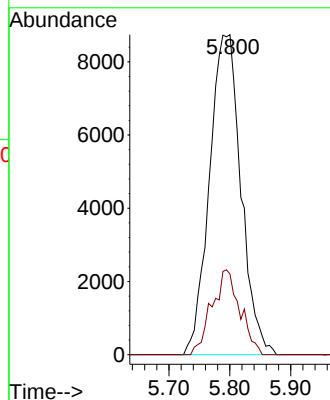
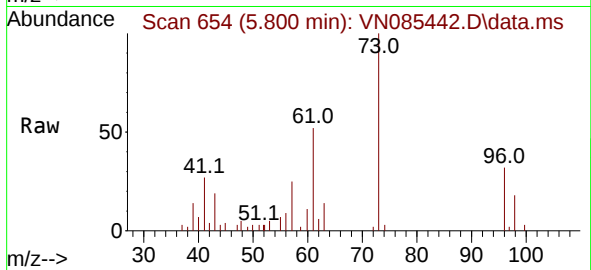




#19  
Methyl tert-butyl Ether  
Concen: 4.836 ug/l  
RT: 5.800 min Scan# 61  
Delta R.T. 0.012 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

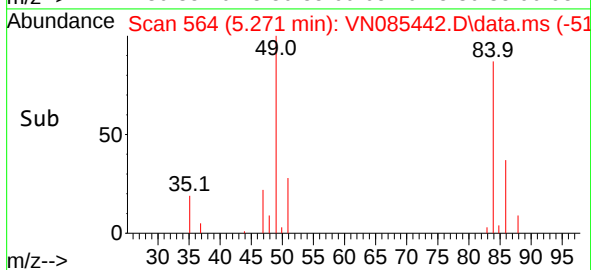
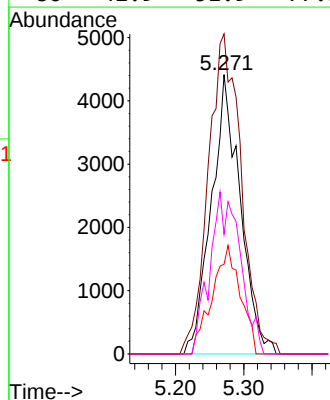
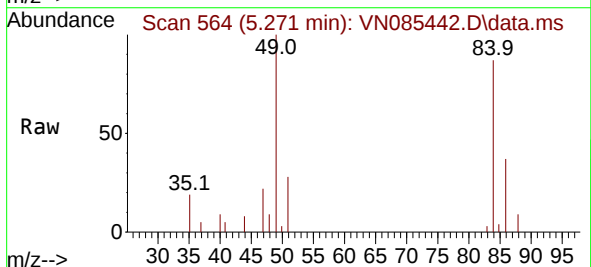
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

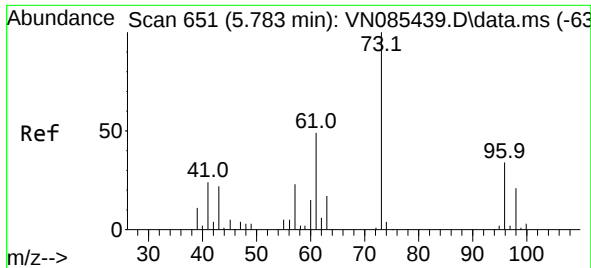
Tgt Ion: 73 Resp: 31439  
Ion Ratio Lower Upper  
73 100  
57 25.2 17.8 26.8



#20  
Methylene Chloride  
Concen: 5.389 ug/l  
RT: 5.271 min Scan# 564  
Delta R.T. 0.000 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

Tgt Ion: 84 Resp: 12981  
Ion Ratio Lower Upper  
84 100  
49 114.5 104.1 156.1  
51 32.1 31.0 46.4  
86 42.9 51.9 77.9#

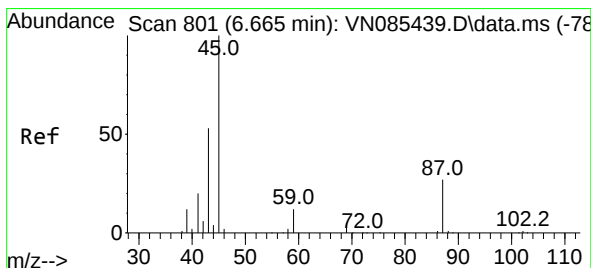
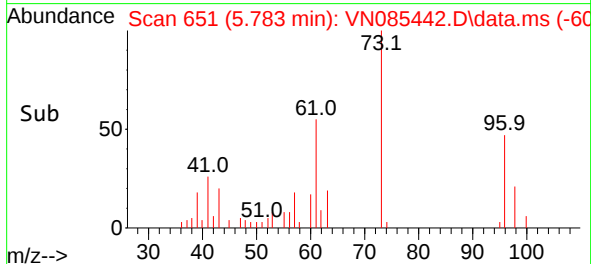
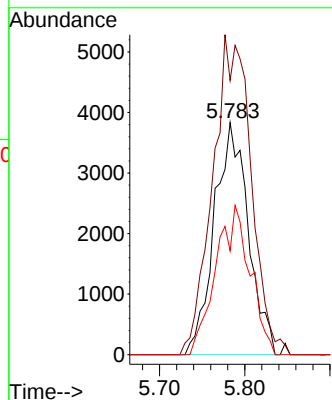
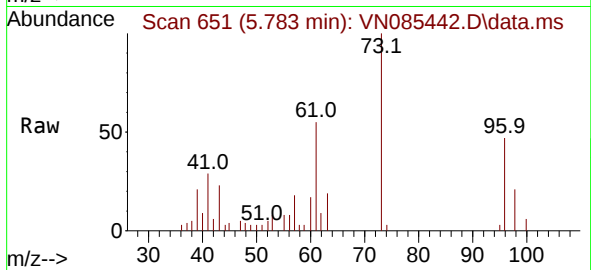




#21  
trans-1,2-Dichloroethene  
Concen: 4.960 ug/l  
RT: 5.783 min Scan# 651  
Delta R.T. 0.000 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

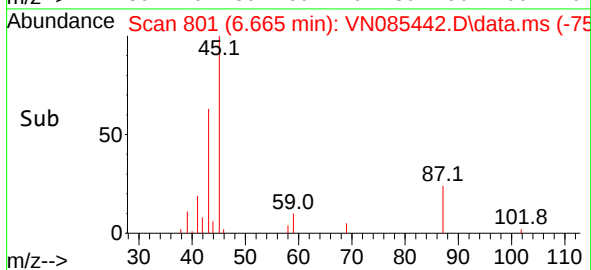
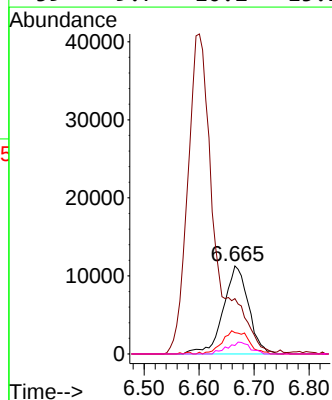
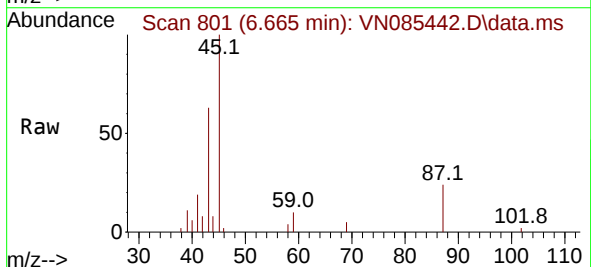
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tgt Ion: 96 Resp: 10614  
Ion Ratio Lower Upper  
96 100  
61 118.1 115.7 173.5  
98 44.7 49.8 74.8#



#22  
Diisopropyl ether  
Concen: 4.962 ug/l  
RT: 6.665 min Scan# 801  
Delta R.T. 0.000 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

Tgt Ion: 45 Resp: 35785  
Ion Ratio Lower Upper  
45 100  
43 58.3 45.0 67.6  
87 24.2 21.8 32.8  
59 9.7 10.2 15.2#

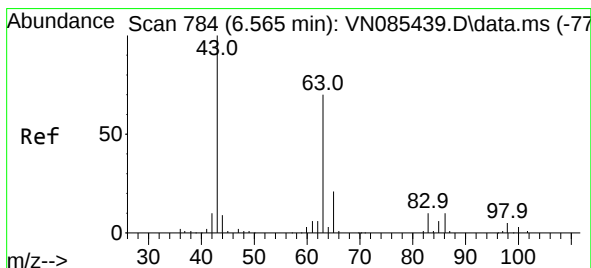
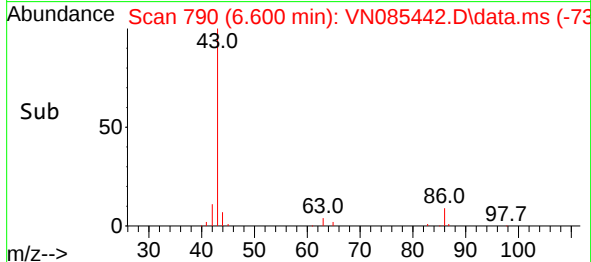
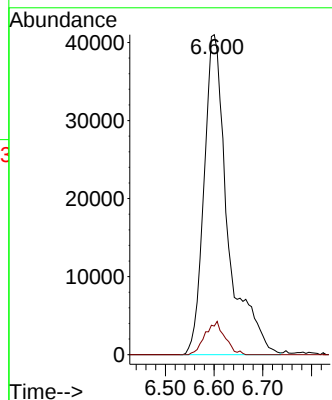
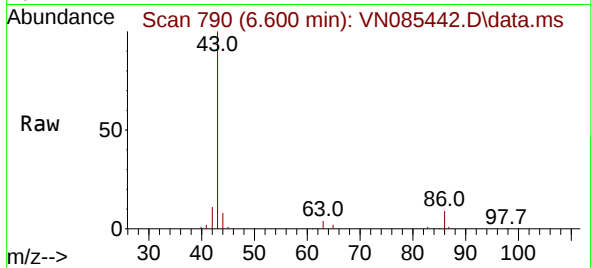




#23  
 Vinyl Acetate  
 Concen: 27.533 ug/l  
 RT: 6.600 min Scan# 790  
 Delta R.T. 0.006 min  
 Lab File: VN085442.D  
 Acq: 14 Jan 2025 16:31

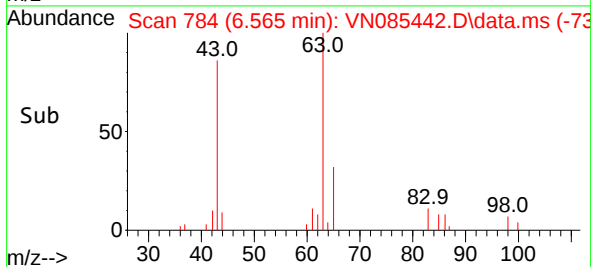
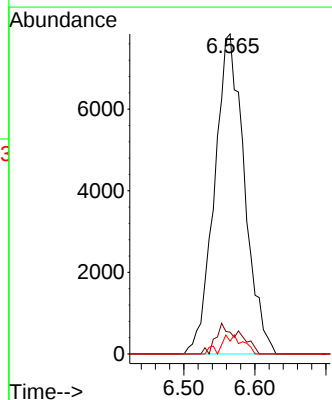
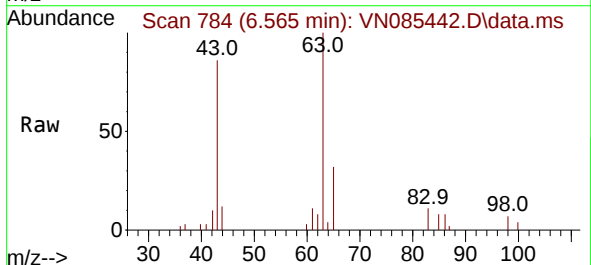
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

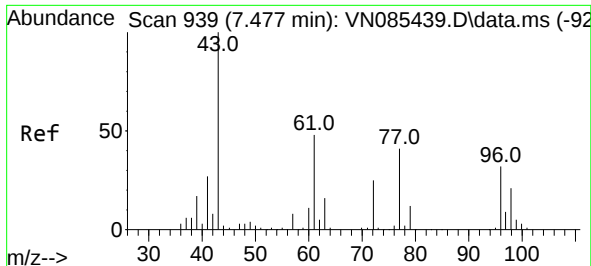
Tgt Ion: 43 Resp: 139425  
 Ion Ratio Lower Upper  
 43 100  
 86 9.0 8.4 12.6



#24  
 1,1-Dichloroethane  
 Concen: 5.200 ug/l  
 RT: 6.565 min Scan# 784  
 Delta R.T. 0.000 min  
 Lab File: VN085442.D  
 Acq: 14 Jan 2025 16:31

Tgt Ion: 63 Resp: 22865  
 Ion Ratio Lower Upper  
 63 100  
 98 6.8 3.3 9.8  
 100 4.0 2.0 6.0

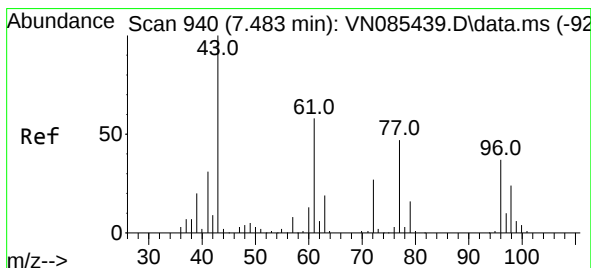
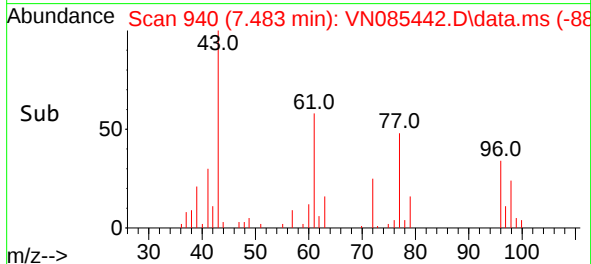
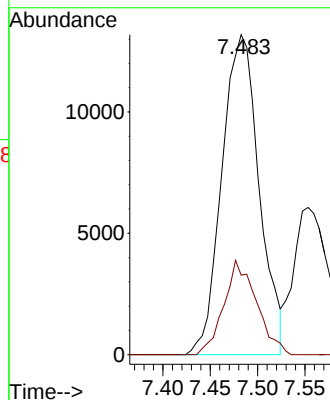
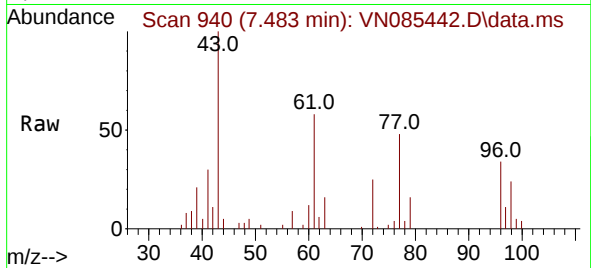




#25  
2-Butanone  
Concen: 25.231 ug/l  
RT: 7.483 min Scan# 940  
Delta R.T. 0.006 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

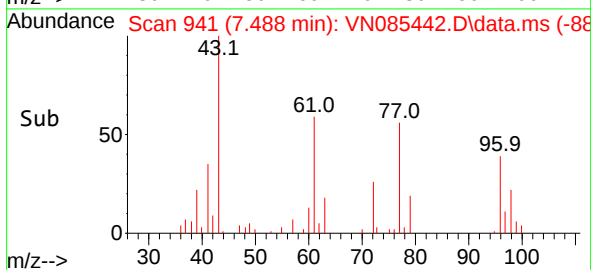
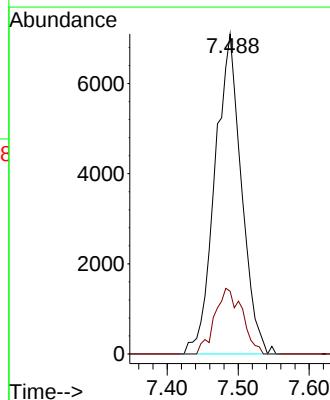
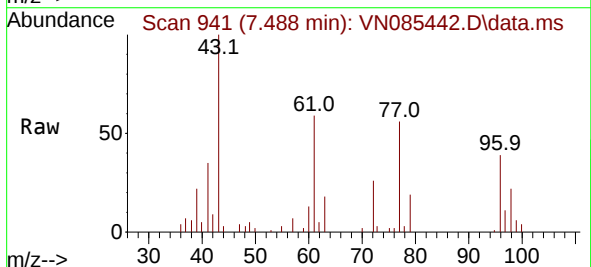
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC005

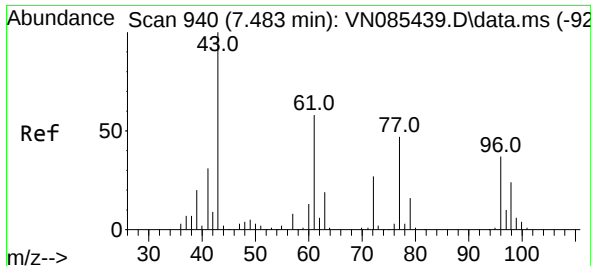
Tgt Ion: 43 Resp: 36127  
Ion Ratio Lower Upper  
43 100  
72 24.9 20.2 30.4



#26  
2,2-Dichloropropane  
Concen: 5.175 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. 0.006 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

Tgt Ion: 77 Resp: 18398  
Ion Ratio Lower Upper  
77 100  
97 21.2 10.7 32.1



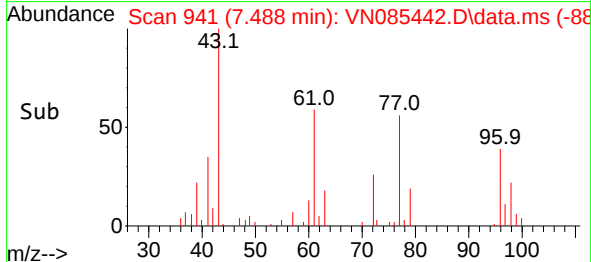
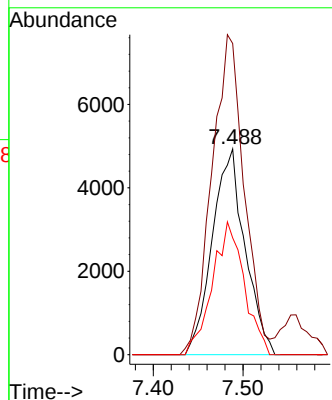
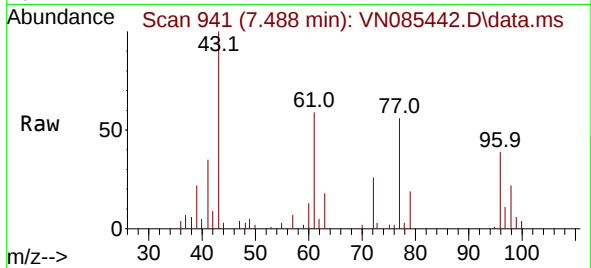


#27  
 cis-1,2-Dichloroethene  
 Concen: 4.951 ug/l  
 RT: 7.488 min Scan# 941  
 Delta R.T. 0.006 min  
 Lab File: VN085442.D  
 Acq: 14 Jan 2025 16:31

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

Tgt Ion: 96 Resp: 12477  

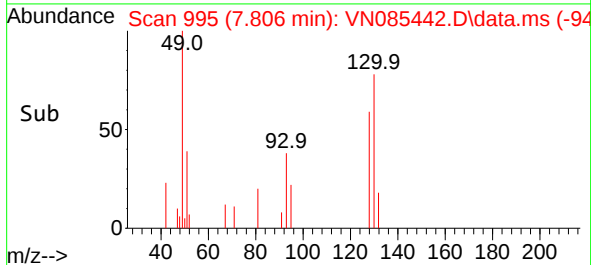
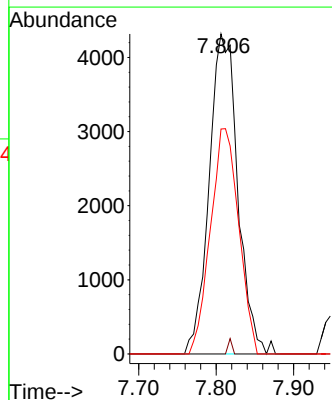
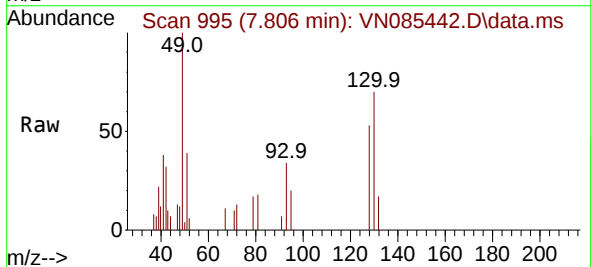
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 154.5 | 0.0   | 311.8 |
| 98  | 62.8  | 0.0   | 126.0 |

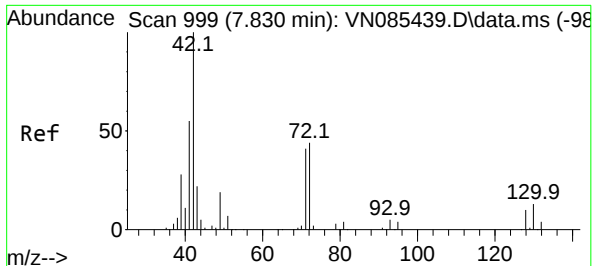


#28  
 Bromochloromethane  
 Concen: 5.424 ug/l  
 RT: 7.806 min Scan# 995  
 Delta R.T. -0.000 min  
 Lab File: VN085442.D  
 Acq: 14 Jan 2025 16:31

Tgt Ion: 49 Resp: 11096  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 0.7   | 0.0   | 4.4   |
| 130 | 69.5  | 55.0  | 82.4  |





#29

Tetrahydrofuran

Concen: 24.215 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.012 min

Lab File: VN085442.D

Acq: 14 Jan 2025 16:31

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC005

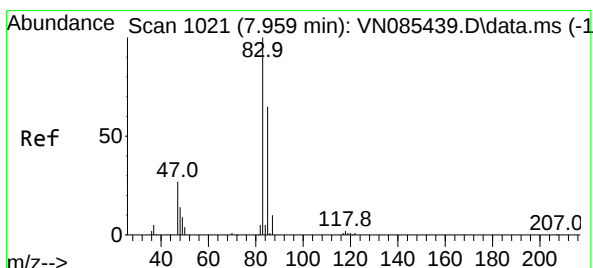
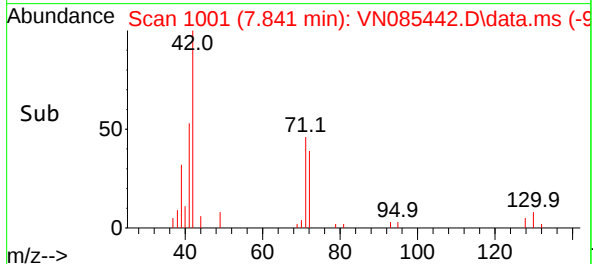
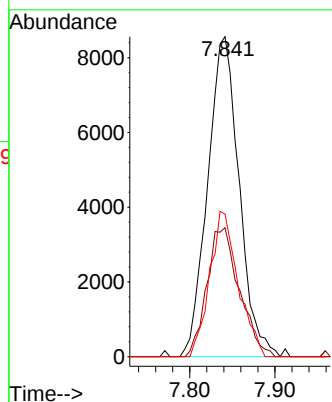
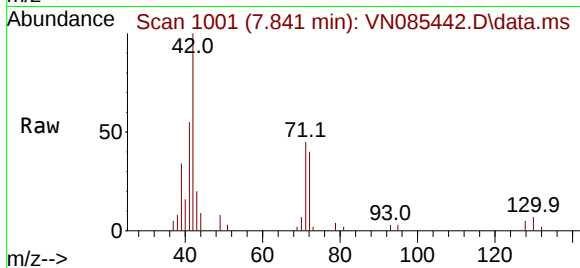
Tgt Ion: 42 Resp: 21983

Ion Ratio Lower Upper

42 100

72 41.5 34.2 51.2

71 41.0 32.5 48.7



#30

Chloroform

Concen: 5.146 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VN085442.D

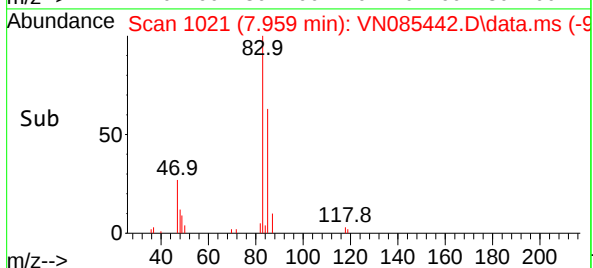
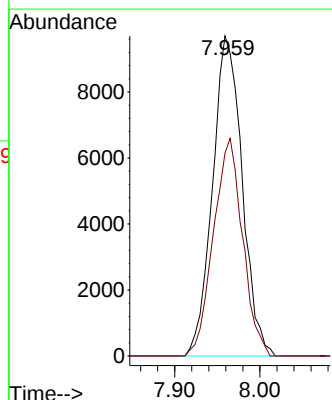
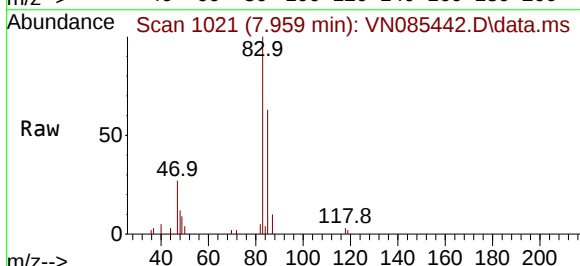
Acq: 14 Jan 2025 16:31

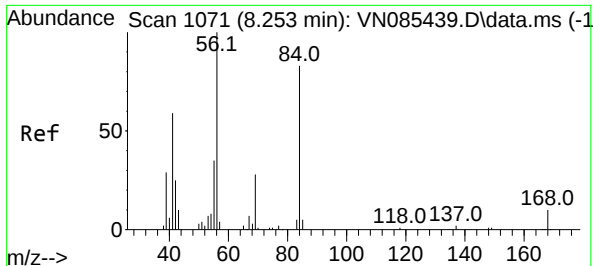
Tgt Ion: 83 Resp: 23384

Ion Ratio Lower Upper

83 100

85 63.4 51.8 77.6

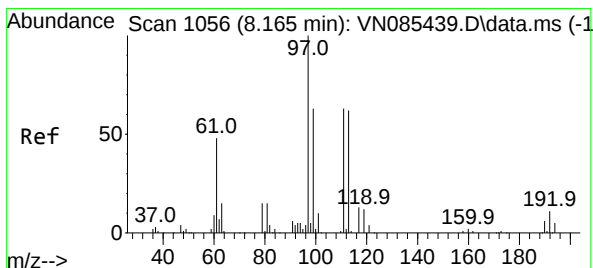
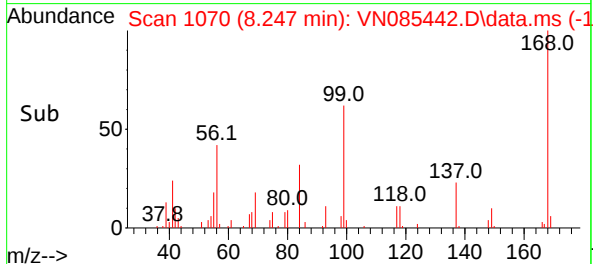
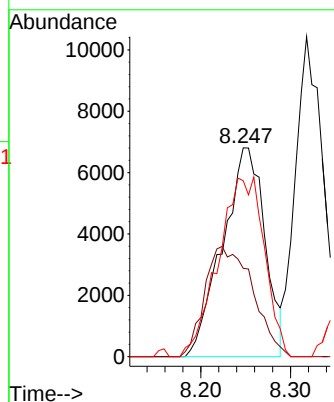
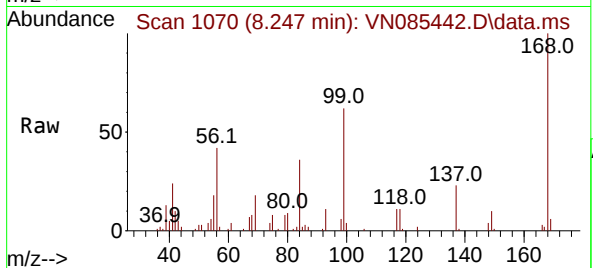




#31  
Cyclohexane  
Concen: 5.846 ug/l  
RT: 8.247 min Scan# 1070  
Delta R.T. -0.006 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

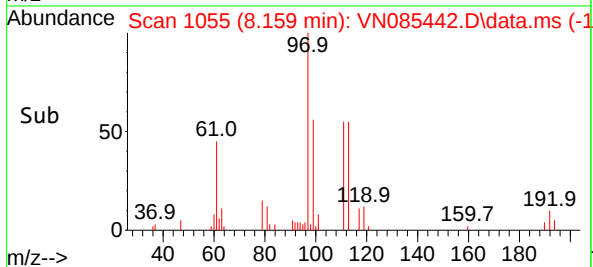
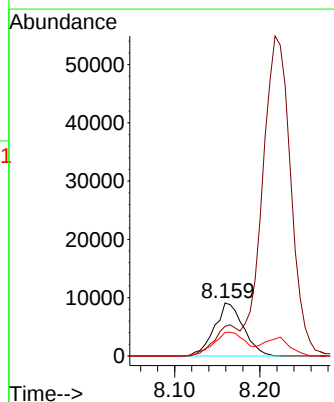
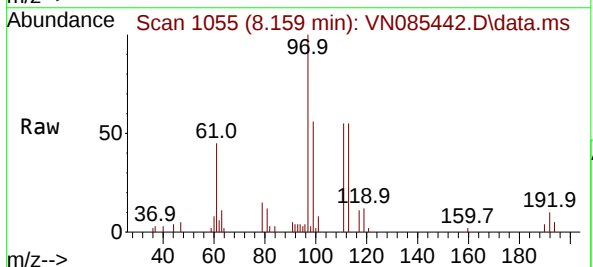
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

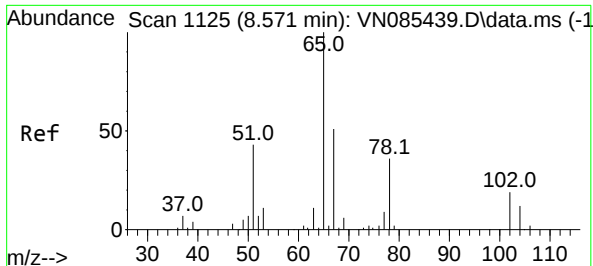
Tgt Ion: 56 Resp: 22343  
Ion Ratio Lower Upper  
56 100  
69 42.3 22.2 33.4#  
84 84.3 66.4 99.6



#32  
1,1,1-Trichloroethane  
Concen: 5.372 ug/l  
RT: 8.159 min Scan# 1055  
Delta R.T. -0.006 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

Tgt Ion: 97 Resp: 21416  
Ion Ratio Lower Upper  
97 100  
99 50.5 49.8 74.6  
61 50.1 41.4 62.2





#33

1,2-Dichloroethane-d4

Concen: 5.660 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085442.D

Acq: 14 Jan 2025 16:31

Instrument :

MSVOA\_N

ClientSampleId :

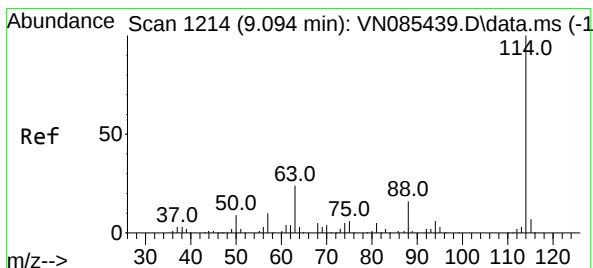
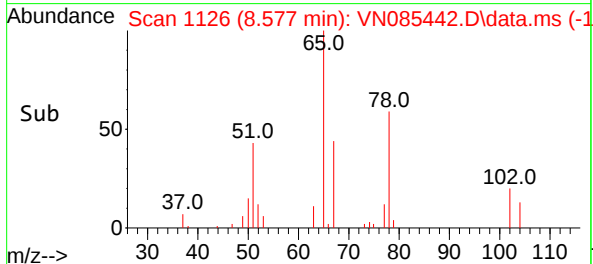
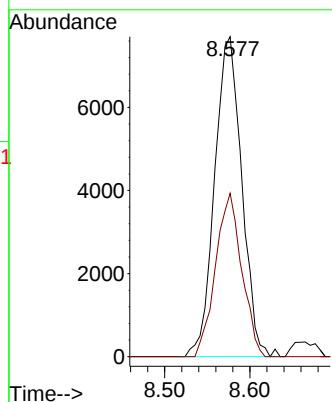
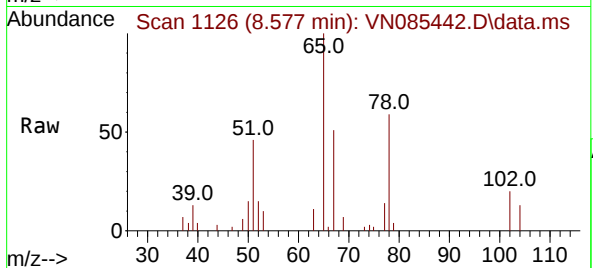
VSTDIC005

Tgt Ion: 65 Resp: 17046

Ion Ratio Lower Upper

65 100

67 49.2 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085442.D

Acq: 14 Jan 2025 16:31

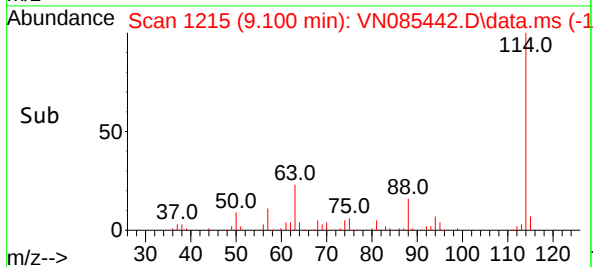
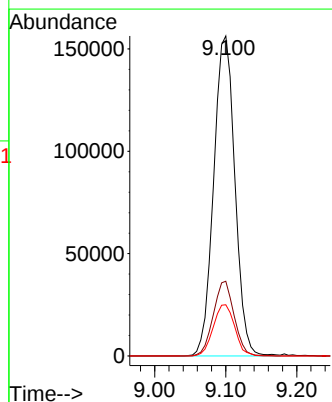
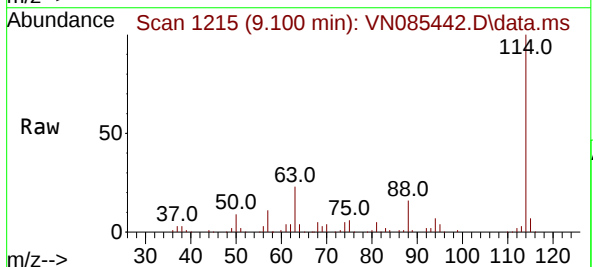
Tgt Ion: 114 Resp: 324413

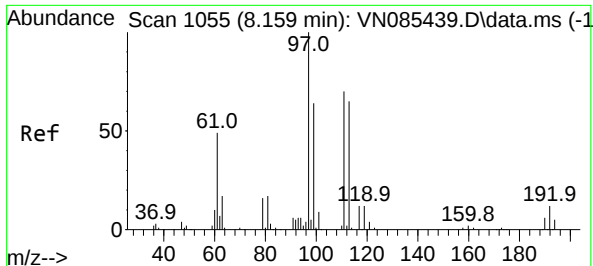
Ion Ratio Lower Upper

114 100

63 23.3 0.0 47.6

88 16.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 5.377 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085442.D

Acq: 14 Jan 2025 16:31

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

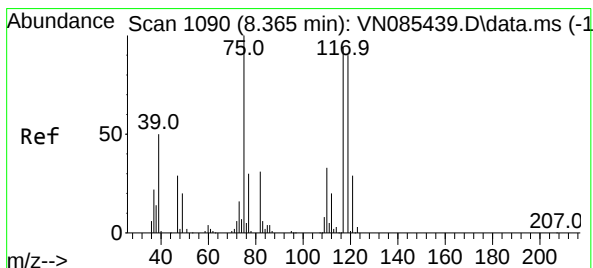
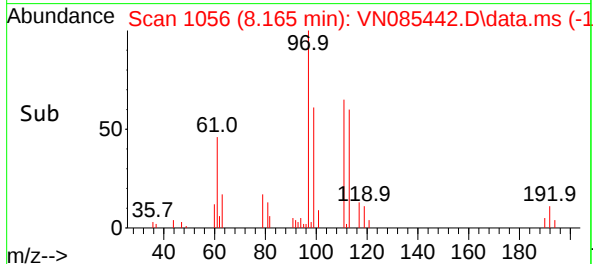
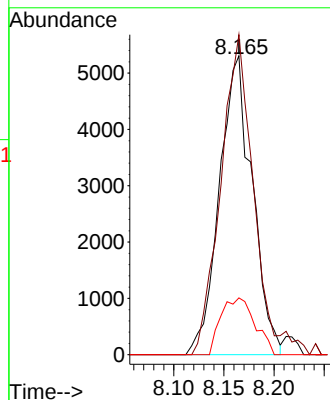
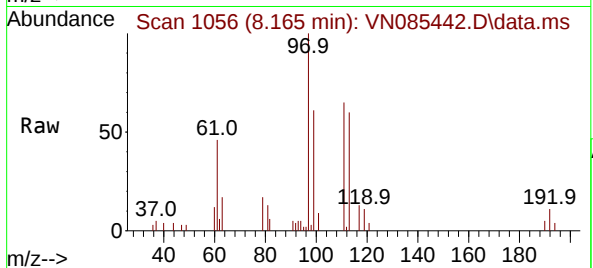
Tgt Ion:113 Resp: 12102

Ion Ratio Lower Upper

113 100

111 107.4 82.7 124.1

192 19.7 14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.029 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN085442.D

Acq: 14 Jan 2025 16:31

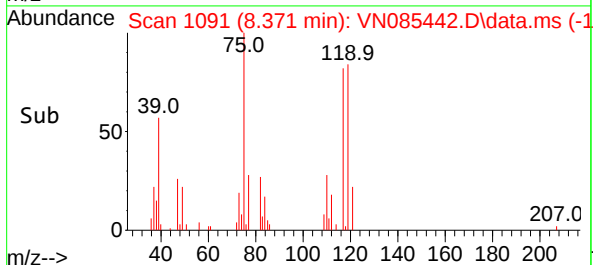
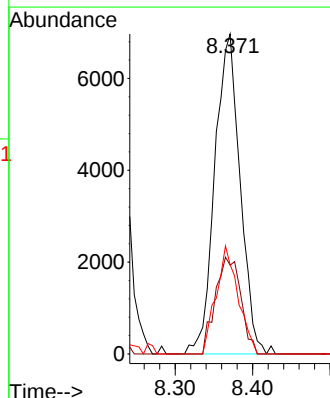
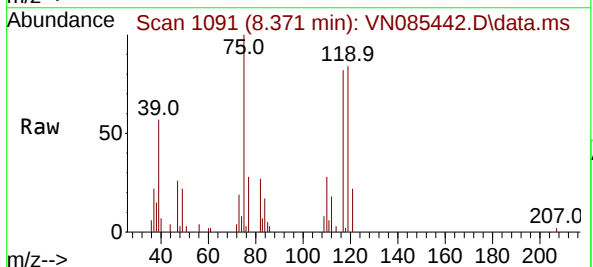
Tgt Ion: 75 Resp: 15886

Ion Ratio Lower Upper

75 100

110 30.3 16.5 49.5

77 29.2 24.4 36.6

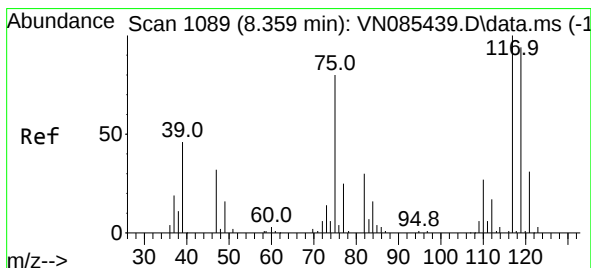
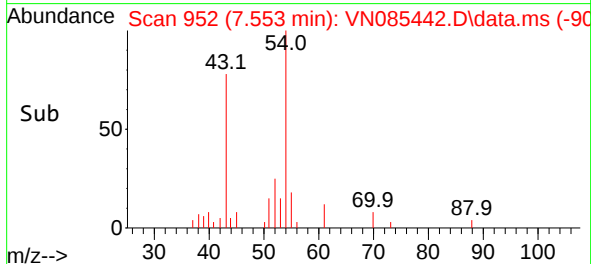
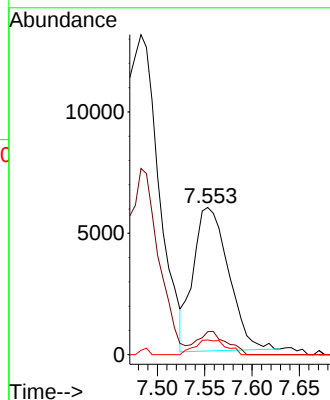
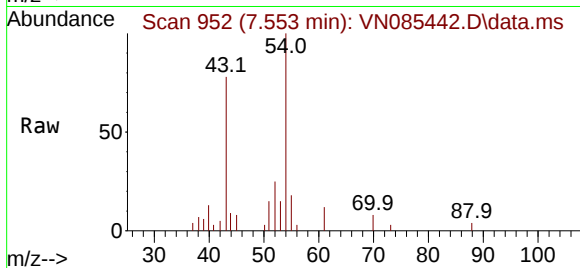




#37  
Ethyl Acetate  
Concen: 4.810 ug/l  
RT: 7.553 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

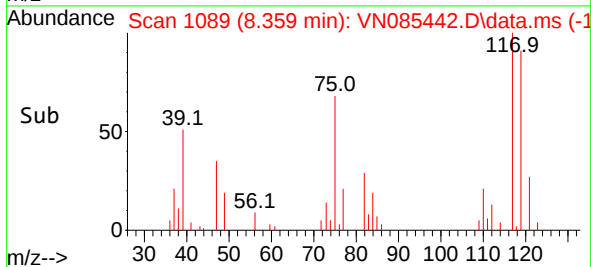
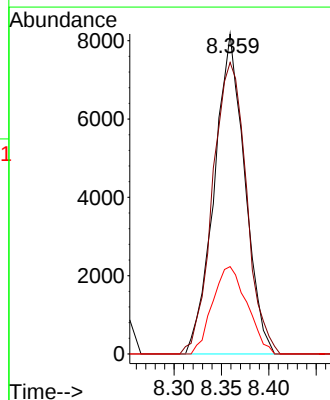
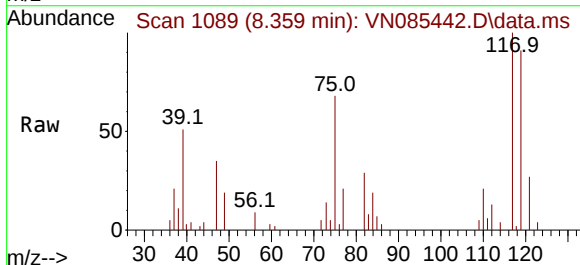
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

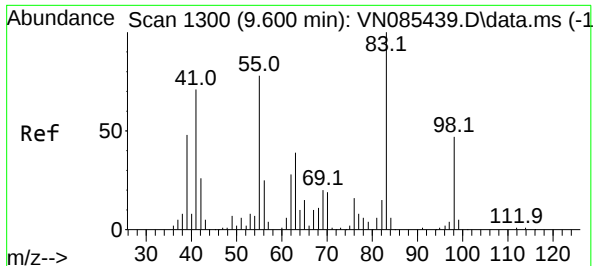
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 15336 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 61 13.5     | 10.9 16.3   |
| 70 9.2      | 7.5 11.3    |



#38  
Carbon Tetrachloride  
Concen: 5.065 ug/l  
RT: 8.359 min Scan# 1089  
Delta R.T. 0.000 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:117 | Resp: | 18317 |       |
| Ion         | Ratio | Lower | Upper |
| 117         | 100   |       |       |
| 119         | 91.1  | 75.4  | 113.2 |
| 121         | 27.3  | 24.6  | 37.0  |

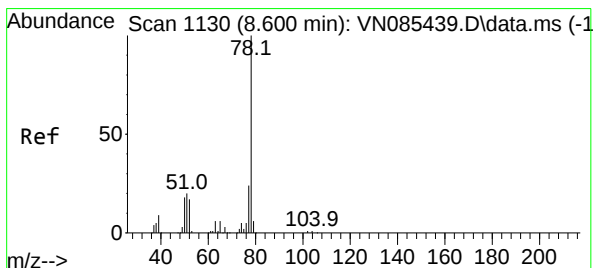
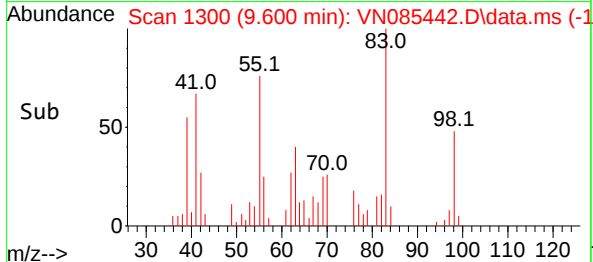
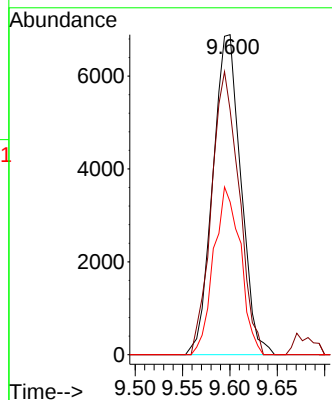
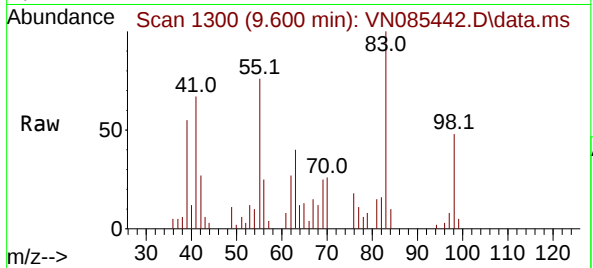




#39  
Methylcyclohexane  
Concen: 4.776 ug/l  
RT: 9.600 min Scan# 1130  
Delta R.T. 0.000 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

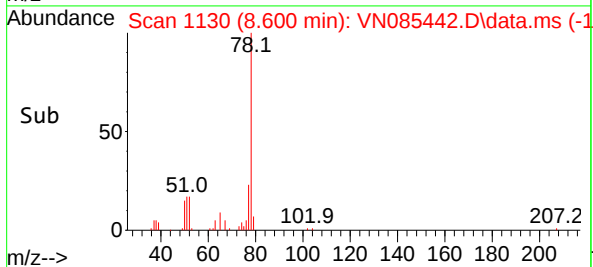
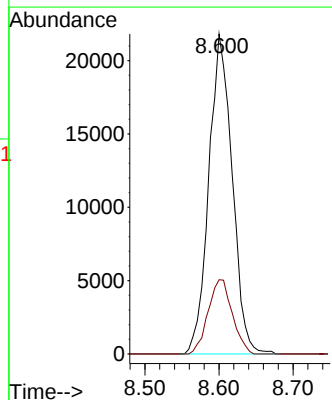
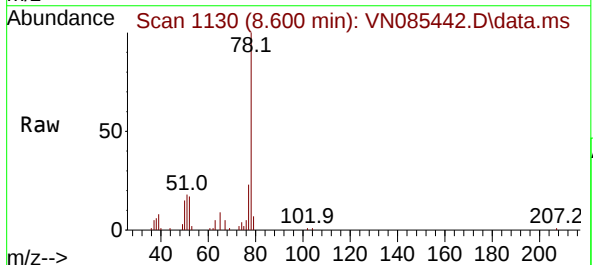
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tgt Ion: 83 Resp: 14175  
Ion Ratio Lower Upper  
83 100  
55 76.5 62.6 94.0  
98 47.7 37.7 56.5



#40  
Benzene  
Concen: 5.040 ug/l  
RT: 8.600 min Scan# 1130  
Delta R.T. -0.000 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

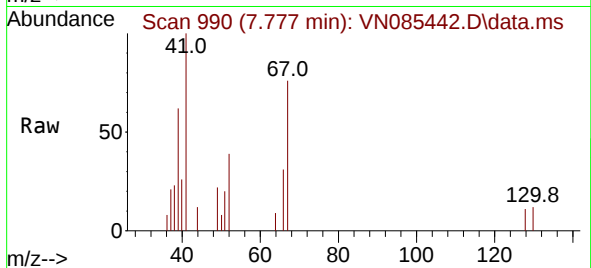
Tgt Ion: 78 Resp: 47833  
Ion Ratio Lower Upper  
78 100  
77 23.2 19.0 28.6



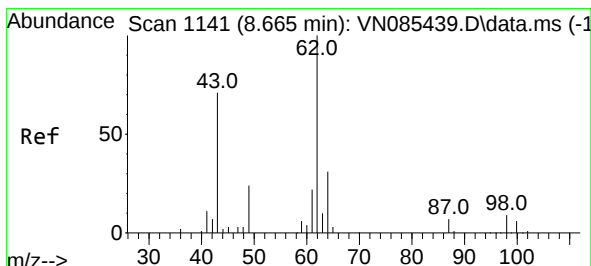
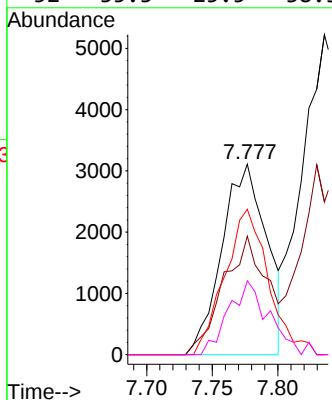
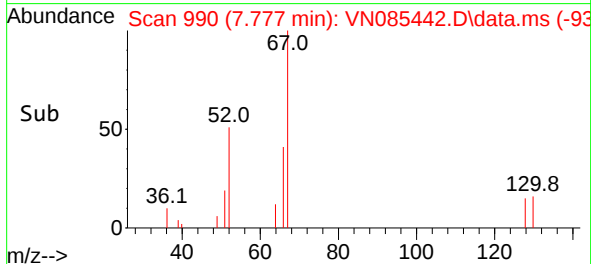


#41  
Methacrylonitrile  
Concen: 4.449 ug/l  
RT: 7.777 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC005

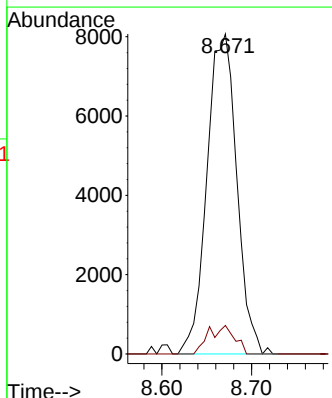
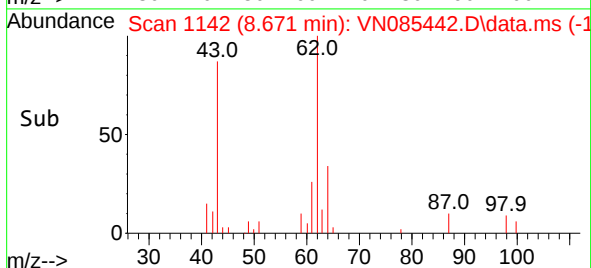
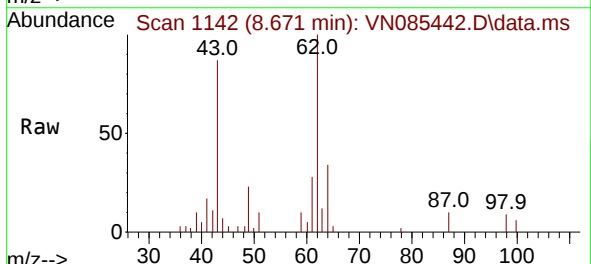


|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 7380  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 60.5  | 46.0  | 69.0  |
| 67       | 74.6  | 57.4  | 86.2  |
| 52       | 35.3  | 25.5  | 38.3  |



#42  
1,2-Dichloroethane  
Concen: 5.211 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. 0.006 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 18628 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 7.8   | 0.0   | 17.0  |

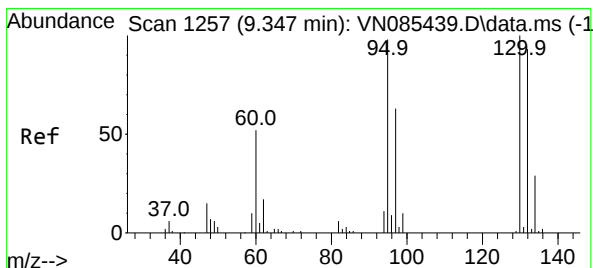
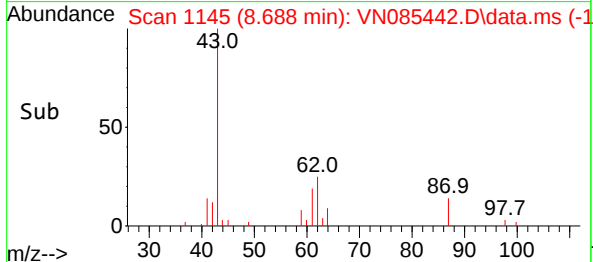
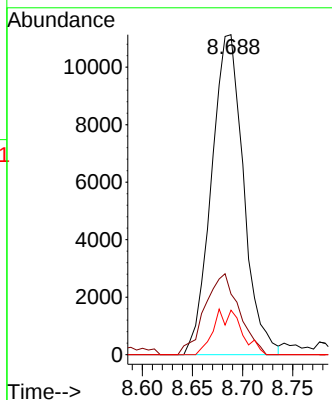
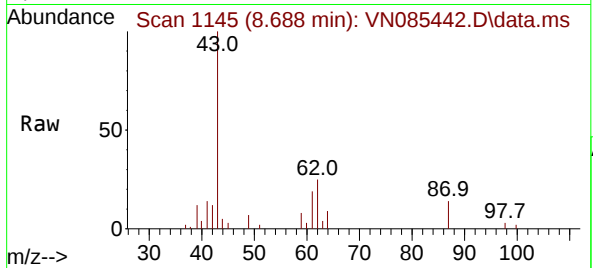




#43  
Isopropyl Acetate  
Concen: 4.853 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. 0.006 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

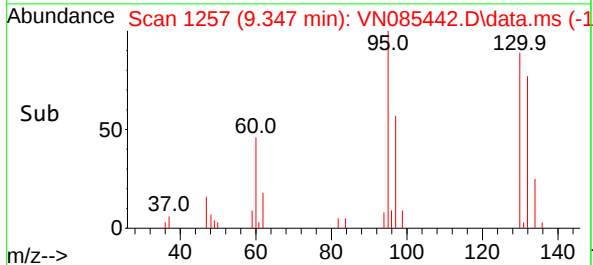
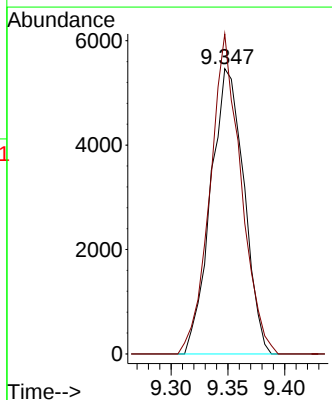
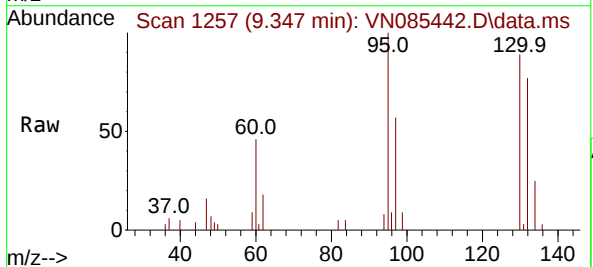
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

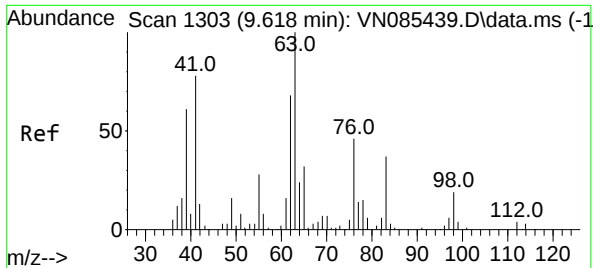
Tgt Ion: 43 Resp: 24792  
Ion Ratio Lower Upper  
43 100  
61 27.0 20.7 31.1  
87 12.3 9.8 14.8



#44  
Trichloroethene  
Concen: 5.039 ug/l  
RT: 9.347 min Scan# 1257  
Delta R.T. 0.000 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

Tgt Ion: 130 Resp: 11133  
Ion Ratio Lower Upper  
130 100  
95 112.2 0.0 195.8





#45

1,2-Dichloropropane

Concen: 5.194 ug/l

RT: 9.618 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085442.D

Acq: 14 Jan 2025 16:31

Instrument :

MSVOA\_N

ClientSampleId :

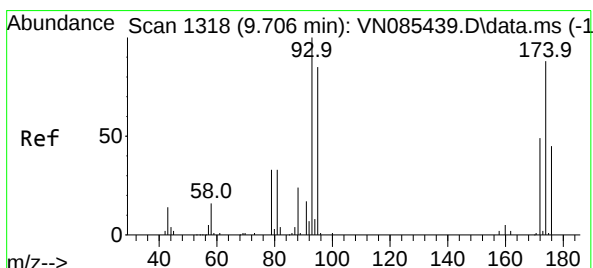
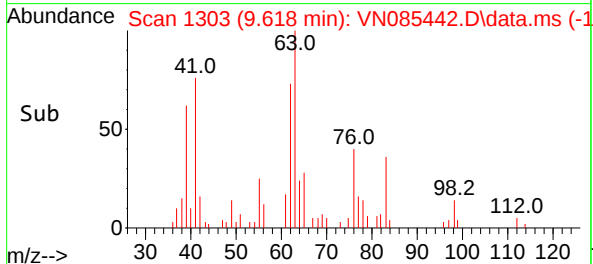
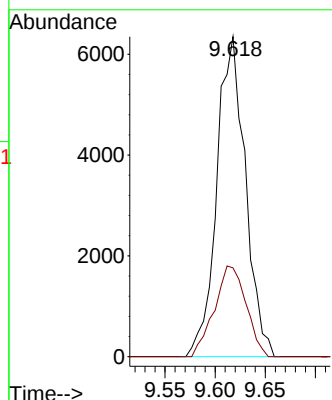
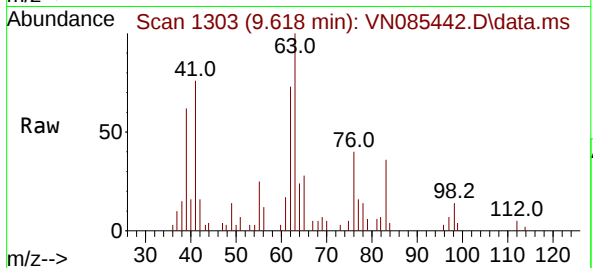
VSTDIC005

Tgt Ion: 63 Resp: 12591

Ion Ratio Lower Upper

63 100

65 27.8 25.6 38.4



#46

Dibromomethane

Concen: 4.705 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. -0.006 min

Lab File: VN085442.D

Acq: 14 Jan 2025 16:31

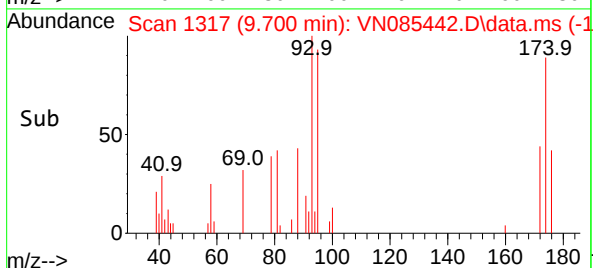
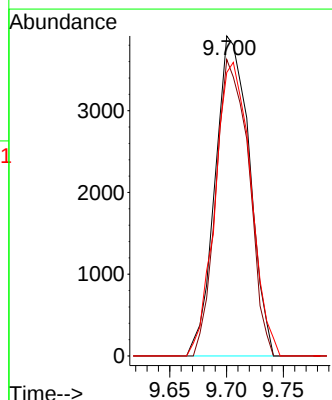
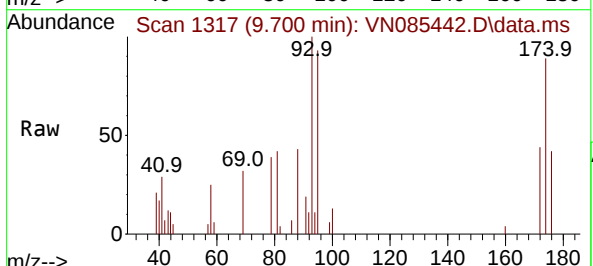
Tgt Ion: 93 Resp: 8230

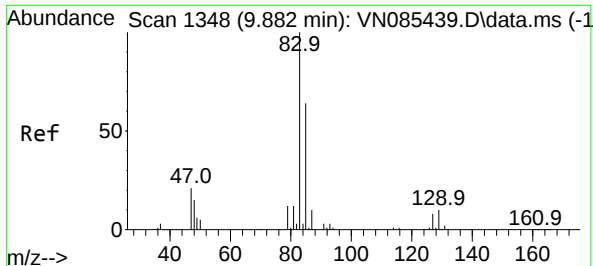
Ion Ratio Lower Upper

93 100

95 88.7 64.7 97.1

174 95.0 69.0 103.4

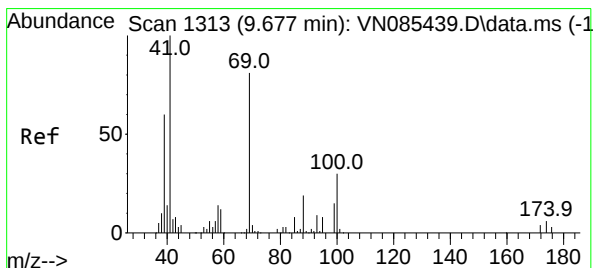
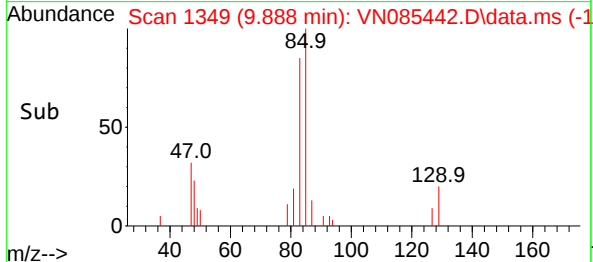
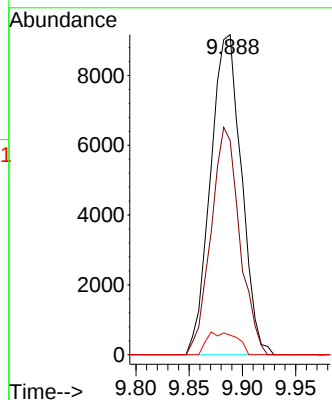
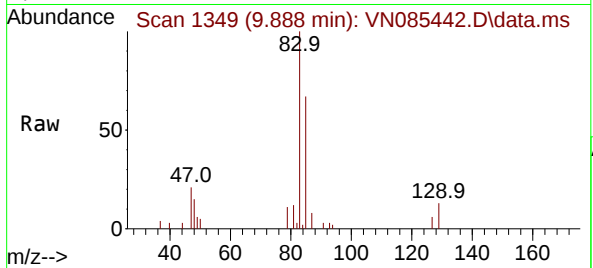




#47  
Bromodichloromethane  
Concen: 5.179 ug/l  
RT: 9.888 min Scan# 1348  
Delta R.T. 0.006 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

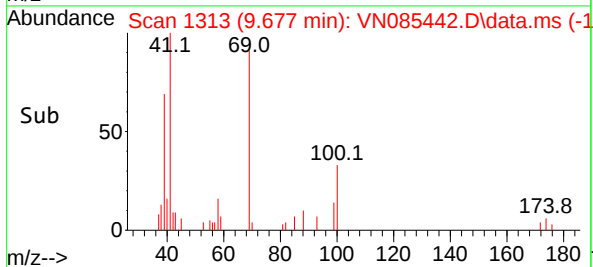
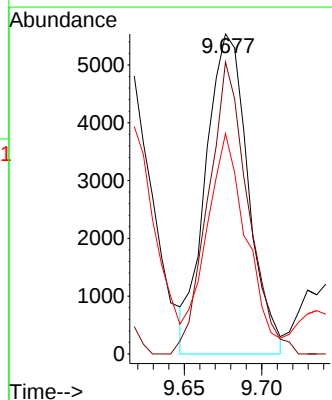
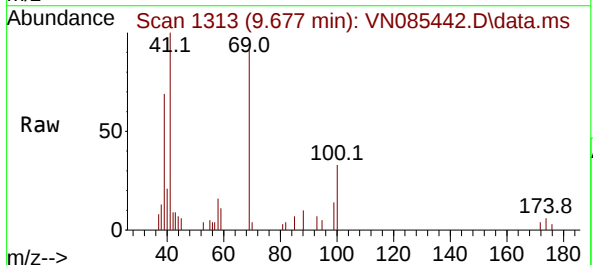
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

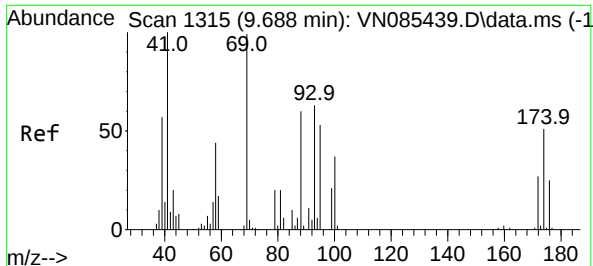
Tgt Ion: 83 Resp: 18456  
Ion Ratio Lower Upper  
83 100  
85 67.0 51.2 76.8  
127 6.1 6.5 9.7#



#48  
Methyl methacrylate  
Concen: 4.599 ug/l  
RT: 9.677 min Scan# 1313  
Delta R.T. -0.000 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

Tgt Ion: 41 Resp: 10574  
Ion Ratio Lower Upper  
41 100  
69 84.9 64.7 97.1  
39 65.3 49.0 73.6





#49

1,4-Dioxane

Concen: 93.477 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085442.D

Acq: 14 Jan 2025 16:31

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

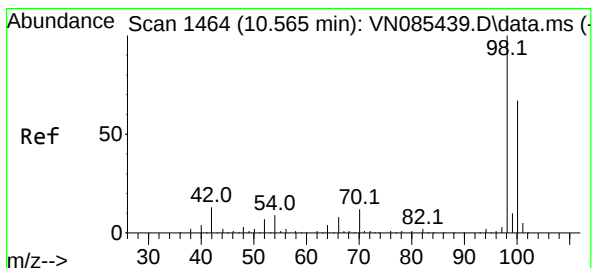
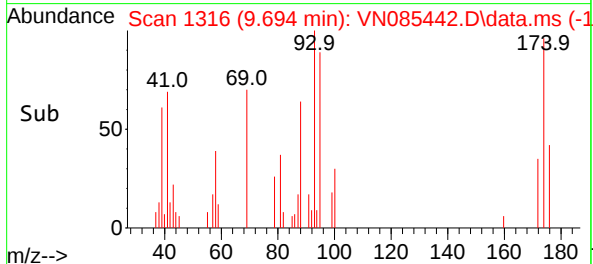
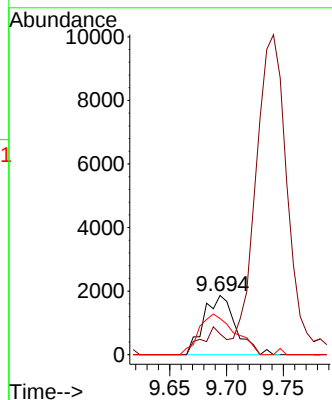
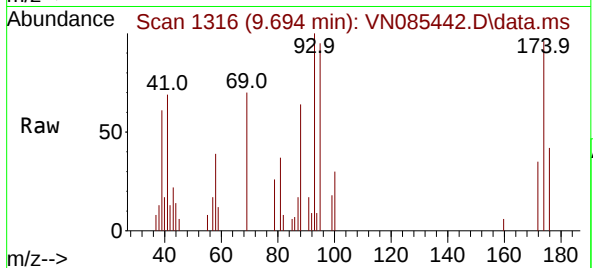
Tgt Ion: 88 Resp: 3619

Ion Ratio Lower Upper

88 100

43 32.3 26.6 39.8

58 77.9 59.5 89.3



#50

Toluene-d8

Concen: 5.168 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085442.D

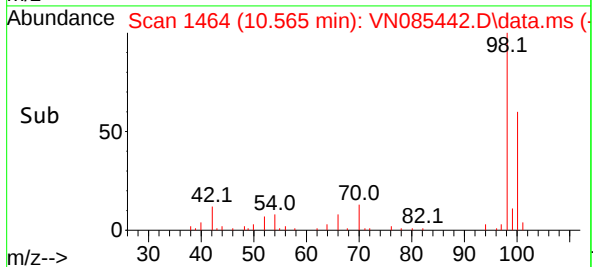
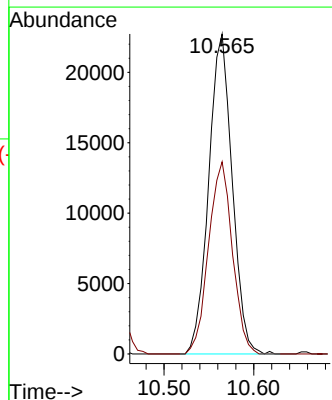
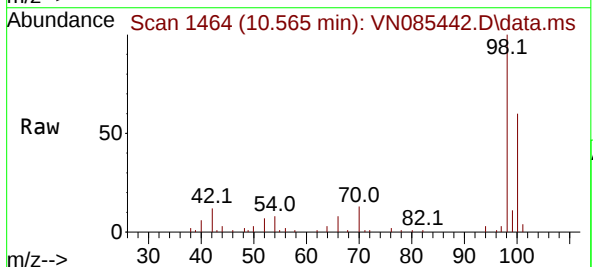
Acq: 14 Jan 2025 16:31

Tgt Ion: 98 Resp: 41328

Ion Ratio Lower Upper

98 100

100 60.9 52.2 78.4

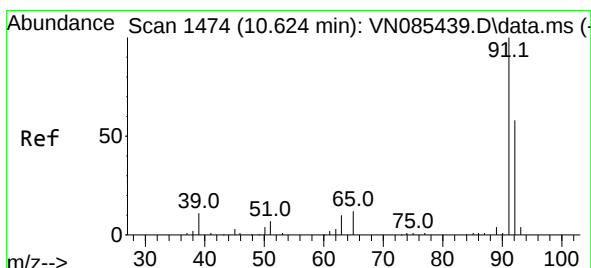
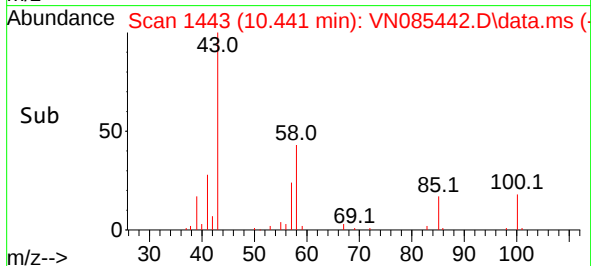
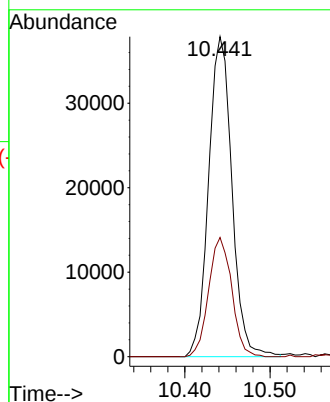
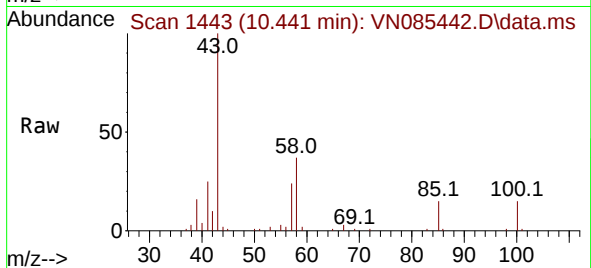




#51  
4-Methyl-2-Pentanone  
Concen: 24.250 ug/l  
RT: 10.441 min Scan# 1443  
Delta R.T. 0.000 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

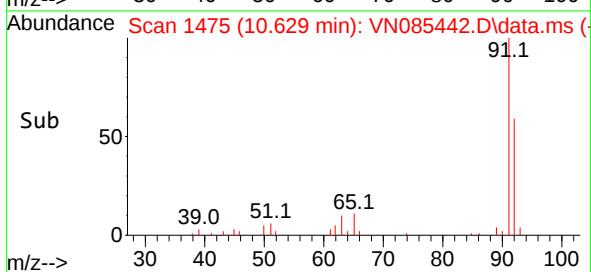
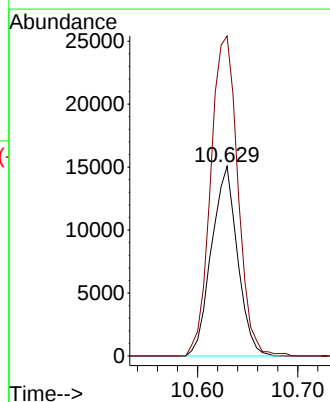
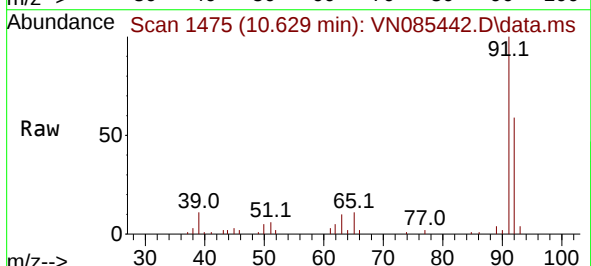
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

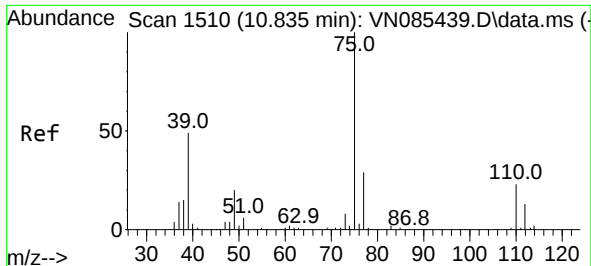
Tgt Ion: 43 Resp: 71889  
Ion Ratio Lower Upper  
43 100  
58 36.9 30.5 45.7



#52  
Toluene  
Concen: 4.928 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. 0.005 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

Tgt Ion: 92 Resp: 27098  
Ion Ratio Lower Upper  
92 100  
91 176.4 139.2 208.8

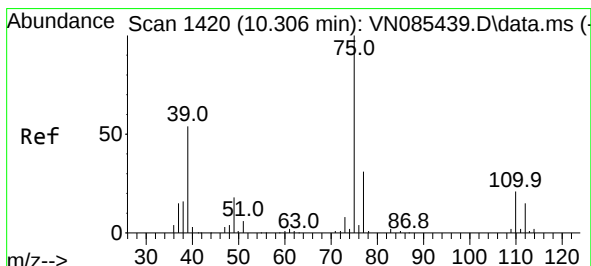
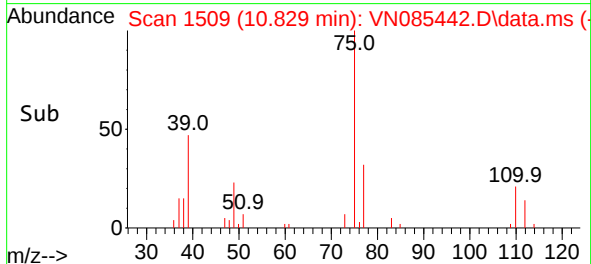
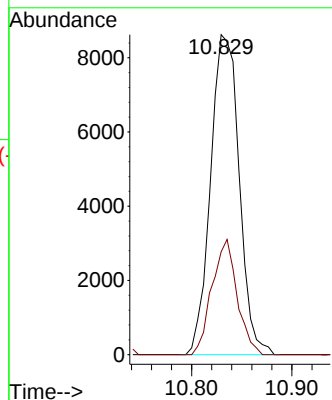
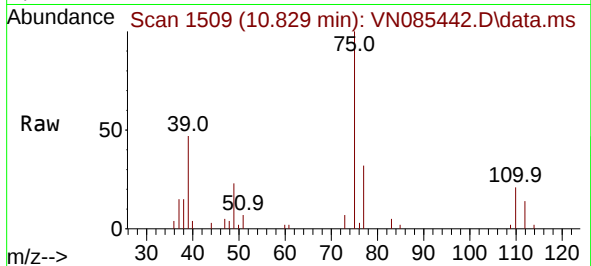




#53  
 t-1,3-Dichloropropene  
 Concen: 5.077 ug/l  
 RT: 10.829 min Scan# 1510  
 Delta R.T. -0.006 min  
 Lab File: VN085442.D  
 Acq: 14 Jan 2025 16:31

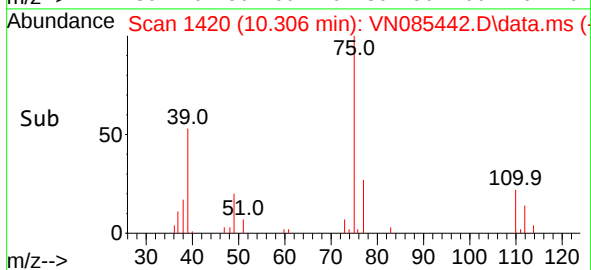
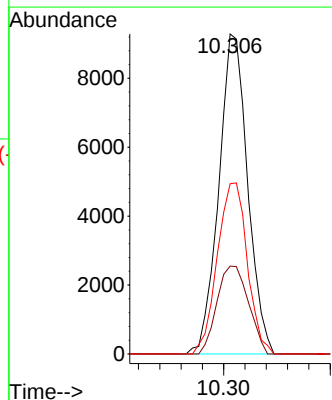
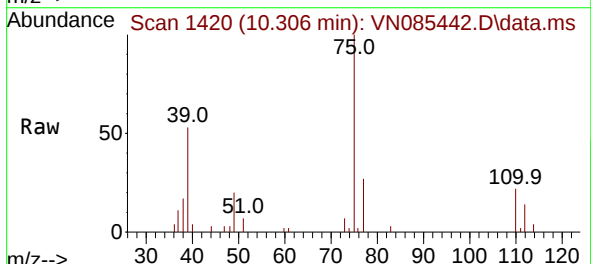
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

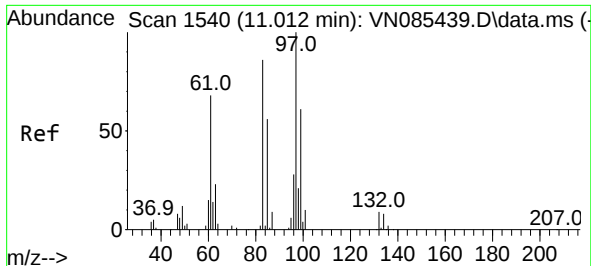
Tgt Ion: 75 Resp: 17099  
 Ion Ratio Lower Upper  
 75 100  
 77 32.2 23.5 35.3



#54  
 cis-1,3-Dichloropropene  
 Concen: 4.848 ug/l  
 RT: 10.306 min Scan# 1420  
 Delta R.T. -0.000 min  
 Lab File: VN085442.D  
 Acq: 14 Jan 2025 16:31

Tgt Ion: 75 Resp: 17440  
 Ion Ratio Lower Upper  
 75 100  
 77 27.5 25.0 37.4  
 39 53.2 43.1 64.7

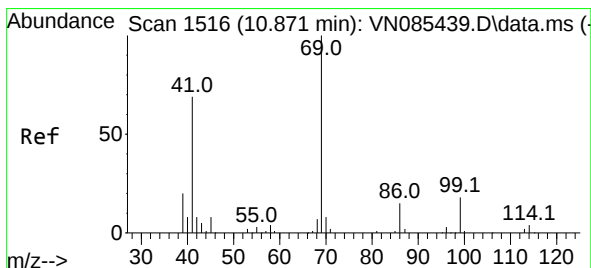
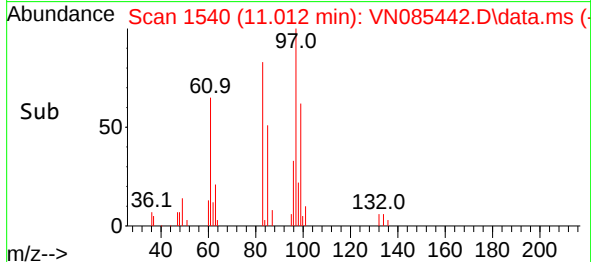
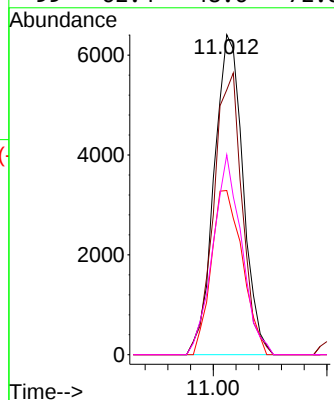
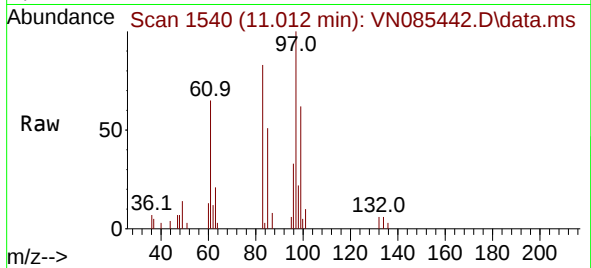




#55  
1,1,2-Trichloroethane  
Concen: 5.197 ug/l  
RT: 11.012 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

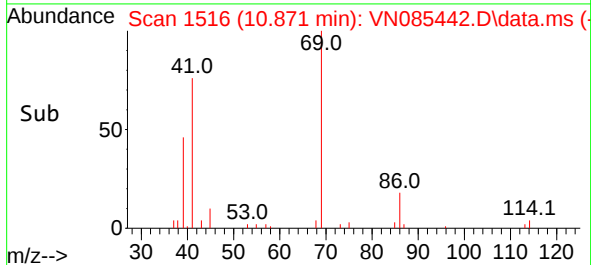
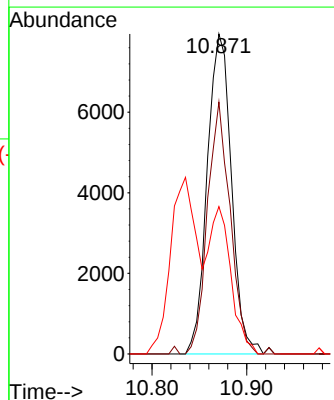
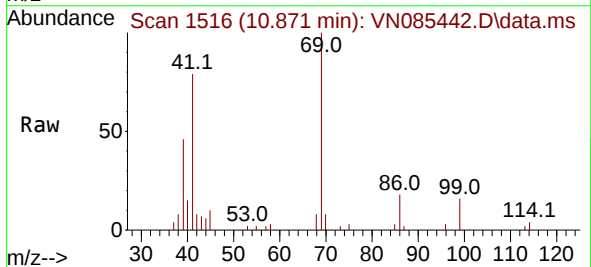
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

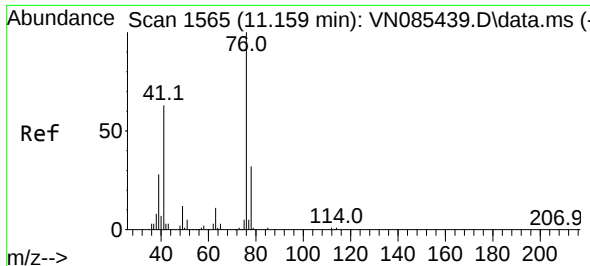
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 11311 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 82.7     | 69.0 103.6  |
| 85 51.3     | 44.6 66.8   |
| 99 62.4     | 48.6 72.8   |



#56  
Ethyl methacrylate  
Concen: 5.627 ug/l  
RT: 10.871 min Scan# 1516  
Delta R.T. -0.000 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 14094 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 73.8     | 54.6 82.0   |
| 39 42.6     | 32.4 48.6   |





#57

1,3-Dichloropropane

Concen: 5.006 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. 0.000 min

Lab File: VN085442.D

Acq: 14 Jan 2025 16:31

Instrument :

MSVOA\_N

ClientSampleId :

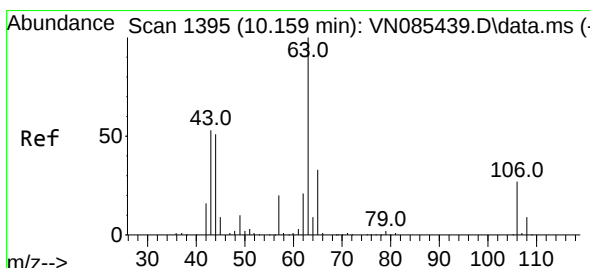
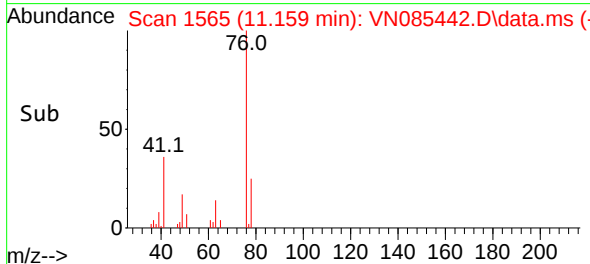
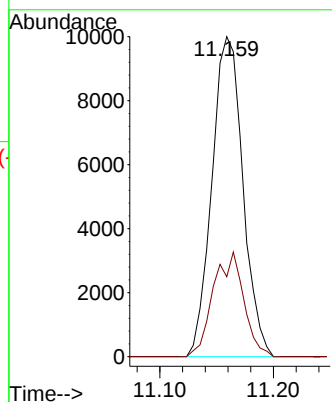
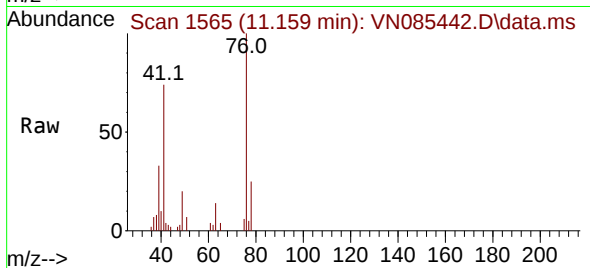
VSTDIC005

Tgt Ion: 76 Resp: 18945

Ion Ratio Lower Upper

76 100

78 32.2 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 24.047 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN085442.D

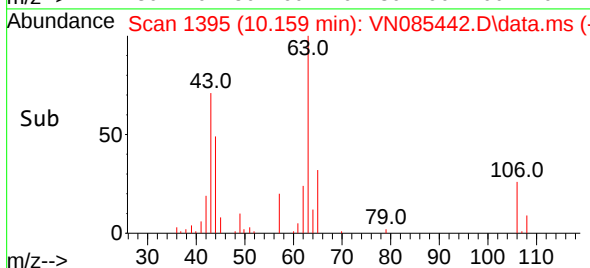
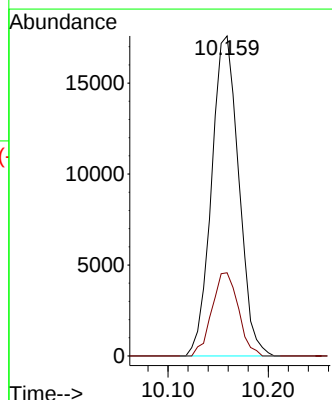
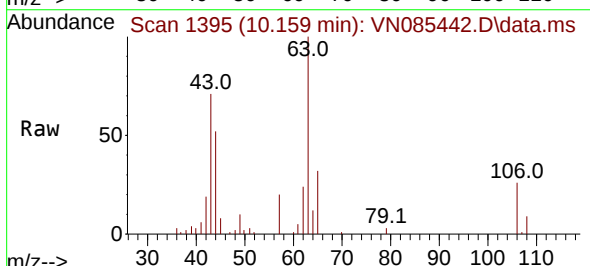
Acq: 14 Jan 2025 16:31

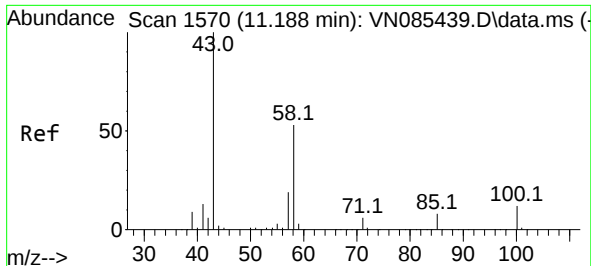
Tgt Ion: 63 Resp: 33210

Ion Ratio Lower Upper

63 100

106 25.2 21.6 32.4

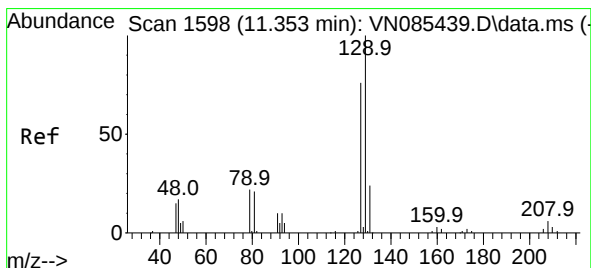
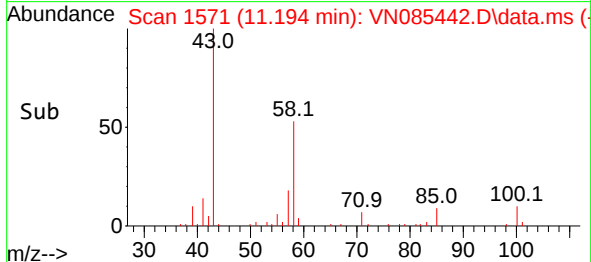
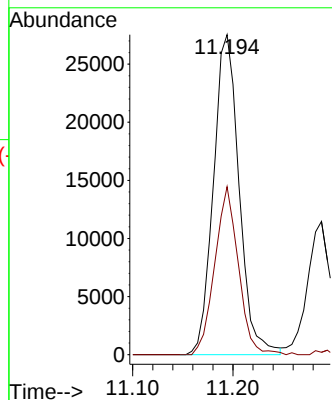
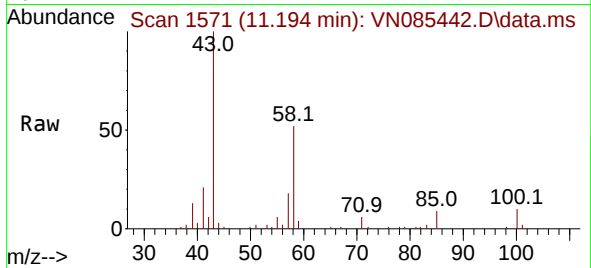




#59  
2-Hexanone  
Concen: 23.501 ug/l  
RT: 11.194 min Scan# 1571  
Delta R.T. 0.006 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

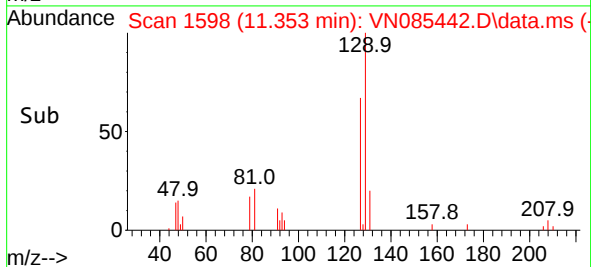
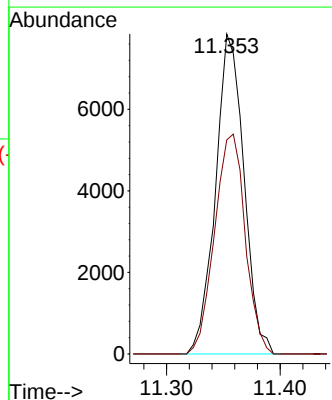
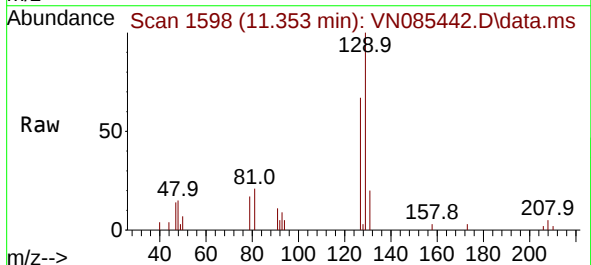
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

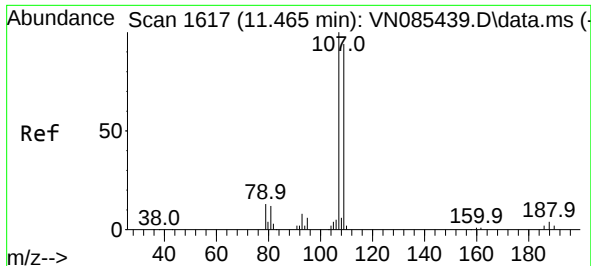
Tgt Ion: 43 Resp: 49021  
Ion Ratio Lower Upper  
43 100  
58 48.3 26.2 78.6



#60  
Dibromochloromethane  
Concen: 5.190 ug/l  
RT: 11.353 min Scan# 1598  
Delta R.T. 0.000 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

Tgt Ion: 129 Resp: 13635  
Ion Ratio Lower Upper  
129 100  
127 73.9 38.6 115.8

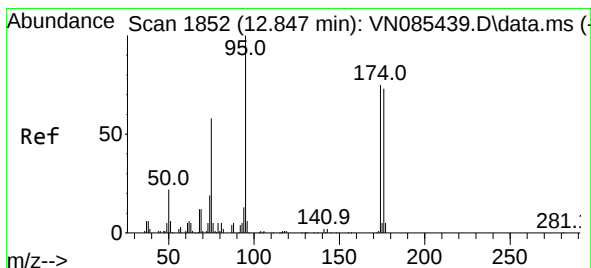
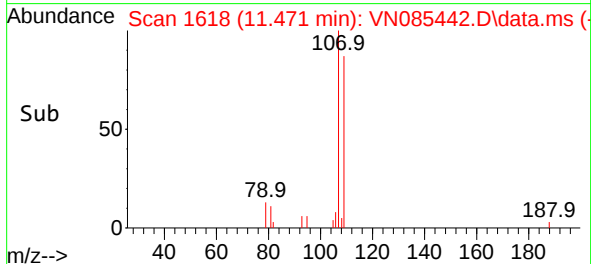
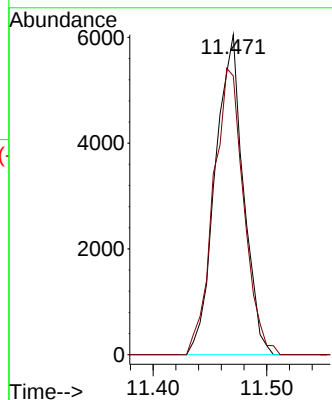
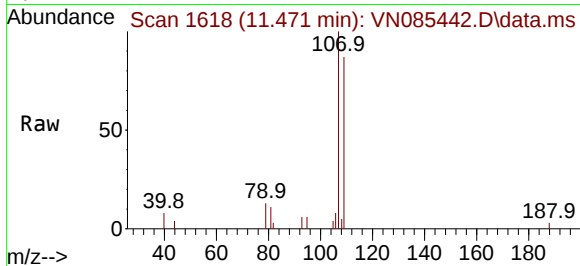




#61  
1,2-Dibromoethane  
Concen: 4.810 ug/l  
RT: 11.471 min Scan# 1617  
Delta R.T. 0.006 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

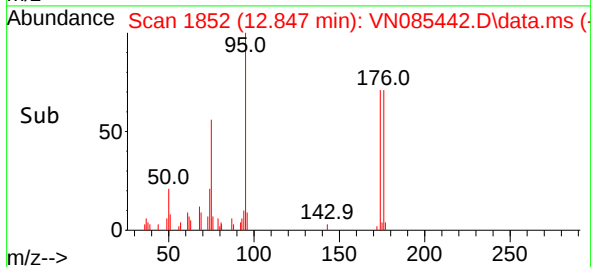
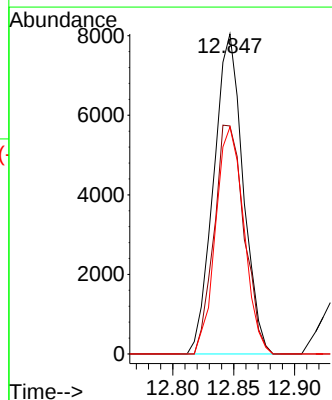
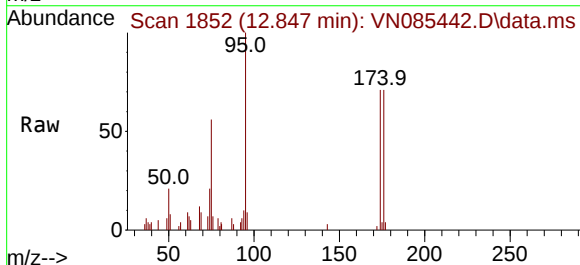
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

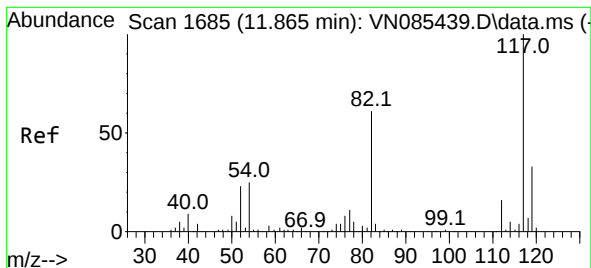
Tgt Ion:107 Resp: 10419  
Ion Ratio Lower Upper  
107 100  
109 96.8 75.9 113.9



#62  
4-Bromofluorobenzene  
Concen: 4.943 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

Tgt Ion: 95 Resp: 13520  
Ion Ratio Lower Upper  
95 100  
174 73.2 0.0 145.0  
176 68.0 0.0 142.4

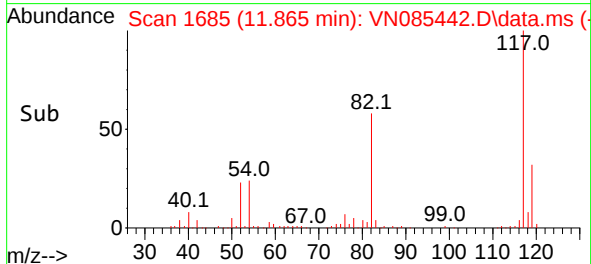
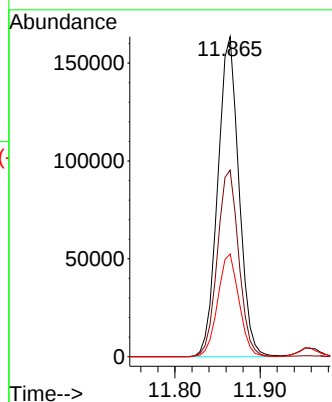
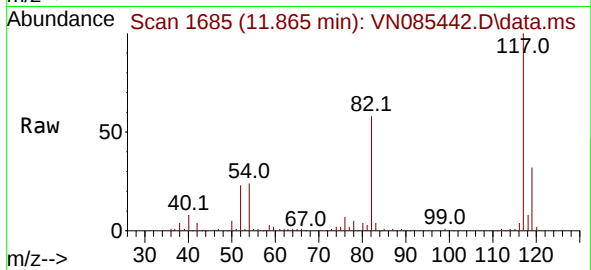




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

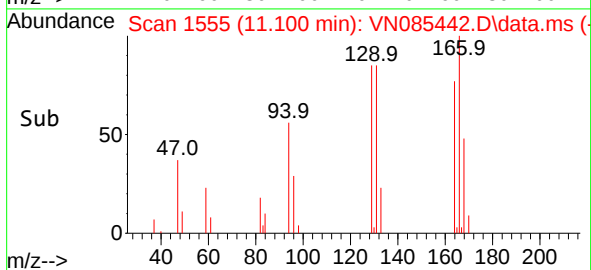
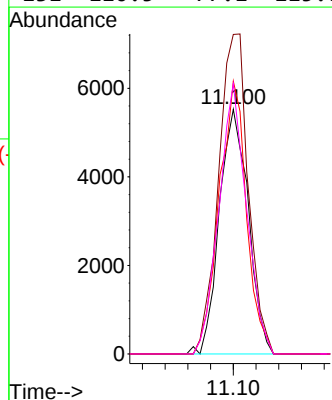
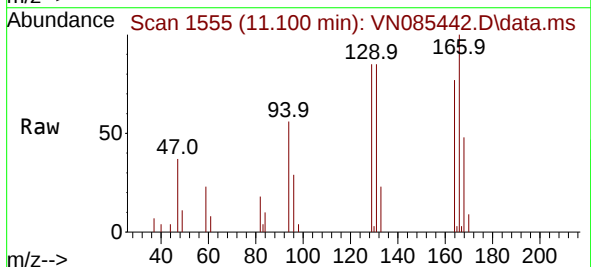
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

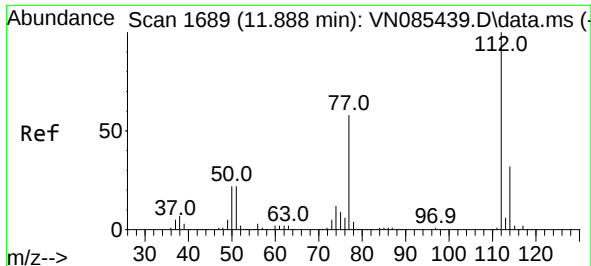
Tgt Ion:117 Resp: 282203  
Ion Ratio Lower Upper  
117 100  
82 58.3 48.6 72.8  
119 32.1 26.6 39.8



#64  
Tetrachloroethene  
Concen: 5.071 ug/l  
RT: 11.100 min Scan# 1555  
Delta R.T. 0.000 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

Tgt Ion:164 Resp: 9756  
Ion Ratio Lower Upper  
164 100  
166 130.6 103.4 155.2  
129 111.5 79.2 118.8  
131 110.5 77.1 115.7

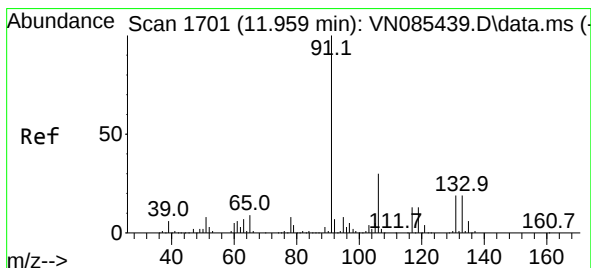
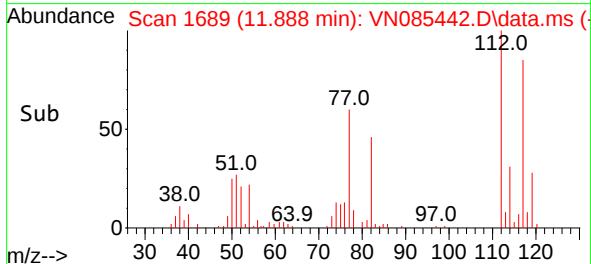
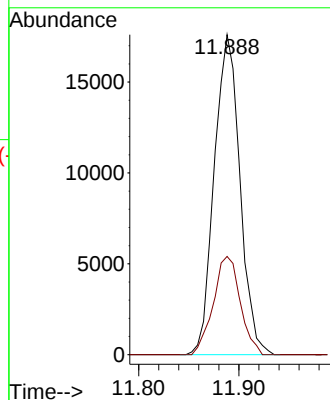
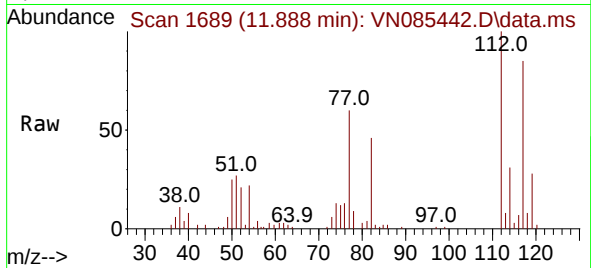




#65  
Chlorobenzene  
Concen: 5.065 ug/l  
RT: 11.888 min Scan# 111  
Delta R.T. 0.000 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

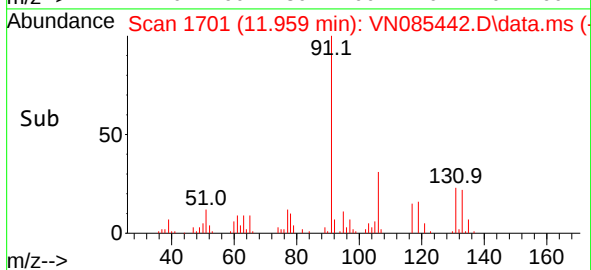
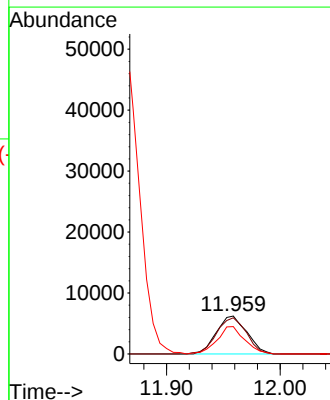
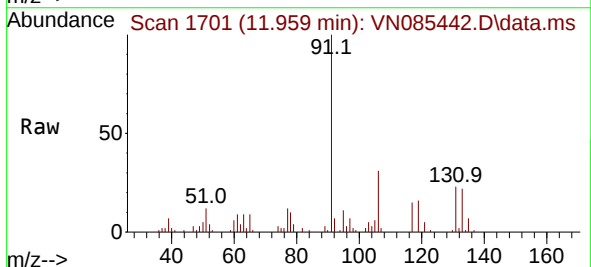
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

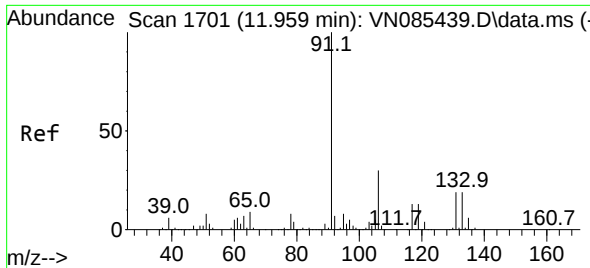
Tgt Ion:112 Resp: 31312  
Ion Ratio Lower Upper  
112 100  
114 30.7 25.3 37.9



#66  
1,1,1,2-Tetrachloroethane  
Concen: 5.121 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

Tgt Ion:131 Resp: 11620  
Ion Ratio Lower Upper  
131 100  
133 92.7 47.4 142.3  
119 65.0 33.1 99.5

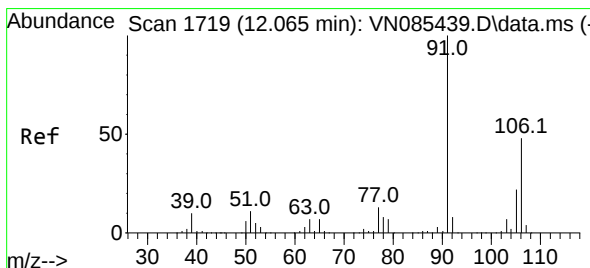
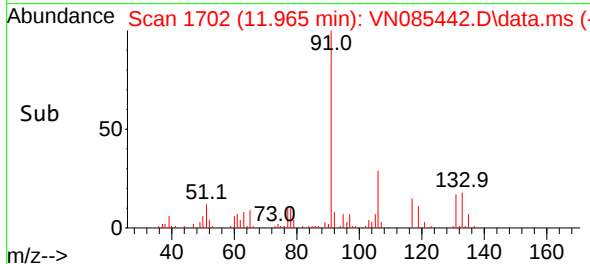
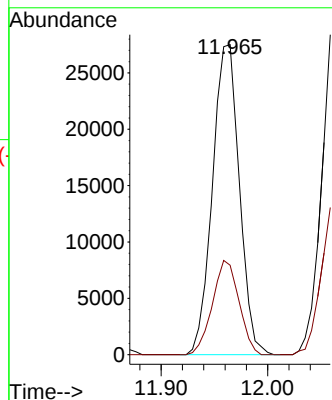
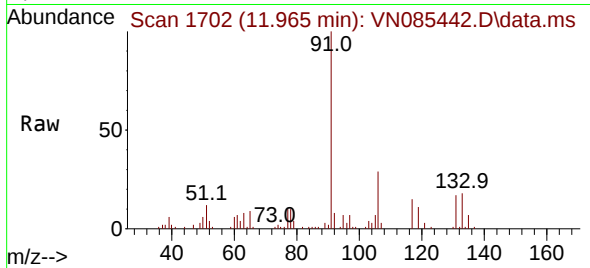




#67  
Ethyl Benzene  
Concen: 4.789 ug/l  
RT: 11.965 min Scan# 1701  
Delta R.T. 0.006 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

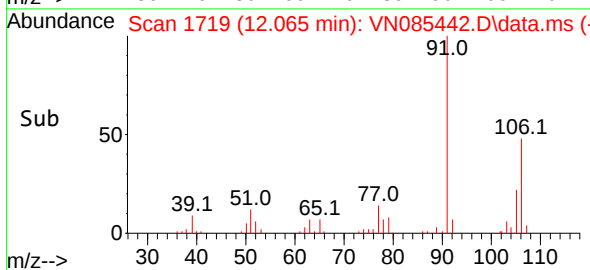
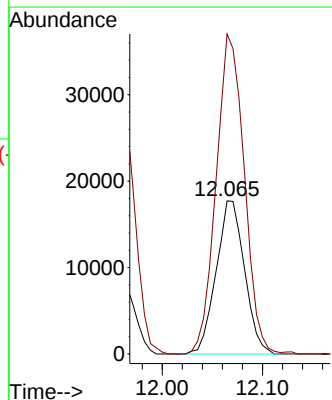
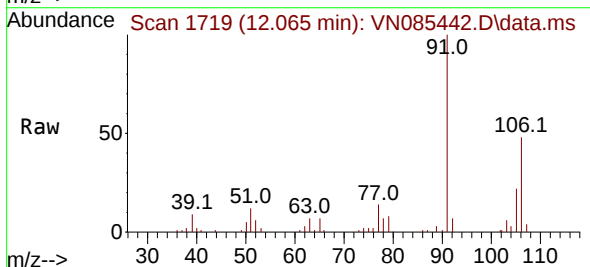
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tgt Ion: 91 Resp: 48216  
Ion Ratio Lower Upper  
91 100  
106 28.9 23.8 35.8



#68  
m/p-Xylenes  
Concen: 9.344 ug/l  
RT: 12.065 min Scan# 1719  
Delta R.T. 0.000 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

Tgt Ion: 106 Resp: 34771  
Ion Ratio Lower Upper  
106 100  
91 207.9 167.7 251.5

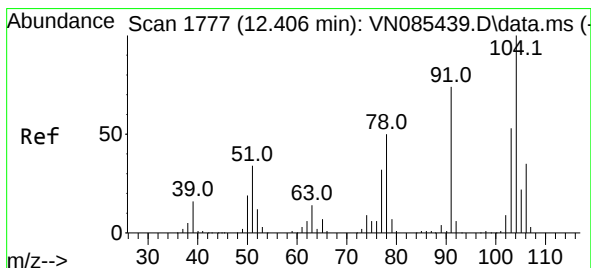
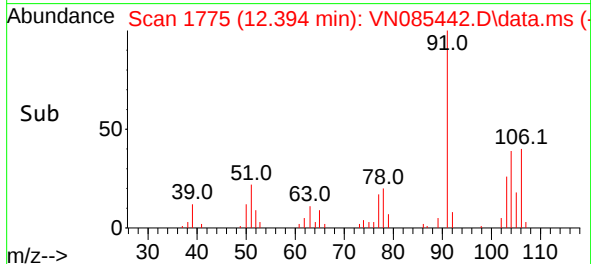
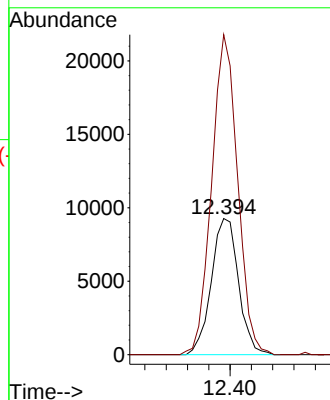
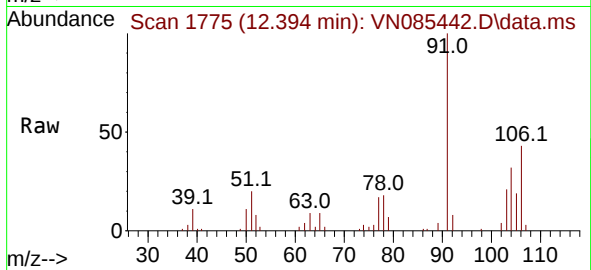




#69  
o-Xylene  
Concen: 4.617 ug/l  
RT: 12.394 min Scan# 1775  
Delta R.T. 0.000 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

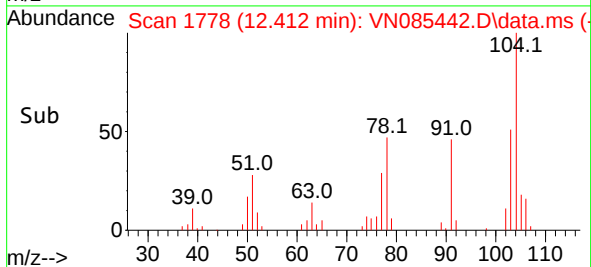
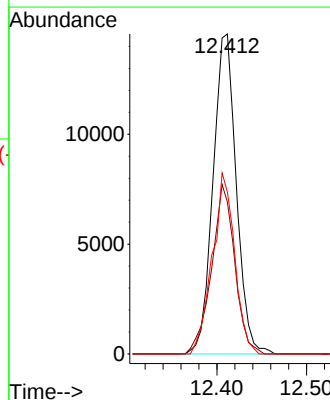
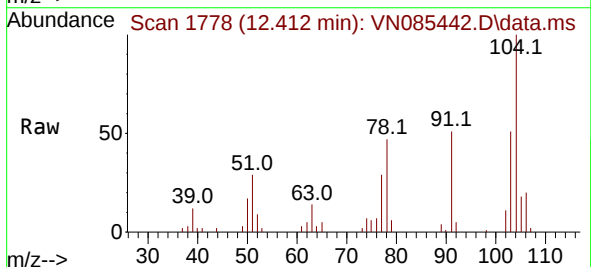
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

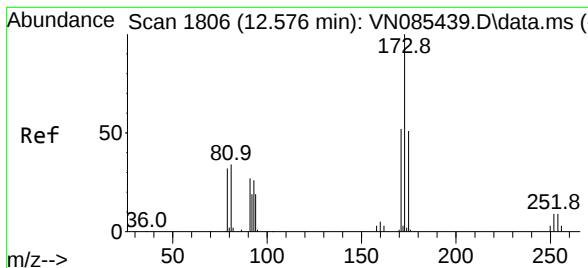
Tgt Ion:106 Resp: 16419  
Ion Ratio Lower Upper  
106 100  
91 224.0 110.4 331.2



#70  
Styrene  
Concen: 4.454 ug/l  
RT: 12.412 min Scan# 1778  
Delta R.T. 0.006 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

Tgt Ion:104 Resp: 26218  
Ion Ratio Lower Upper  
104 100  
78 52.6 42.5 63.7  
103 54.2 43.8 65.8





#71

Bromoform

Concen: 4.938 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN085442.D

Acq: 14 Jan 2025 16:31

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC005

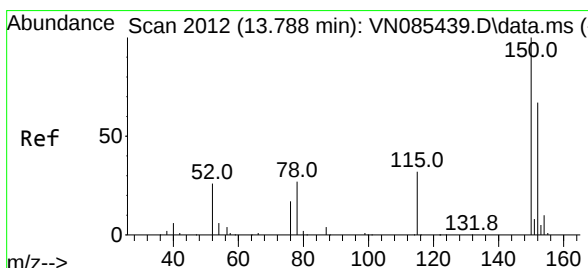
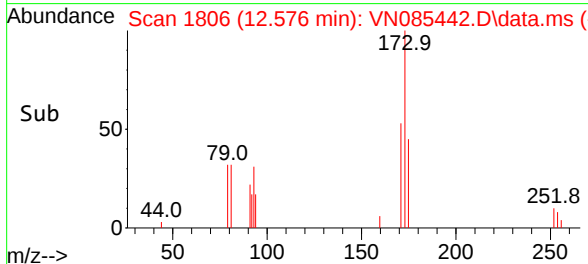
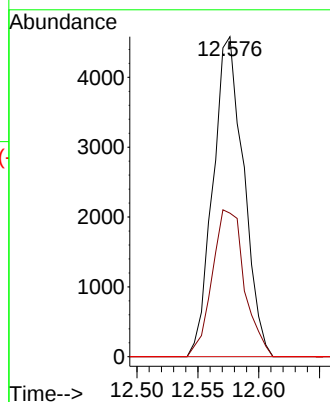
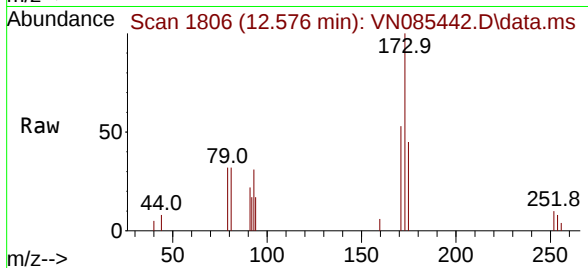
Tgt Ion:173 Resp: 8017

Ion Ratio Lower Upper

173 100

175 48.3 24.4 73.2

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: VN085442.D

Acq: 14 Jan 2025 16:31

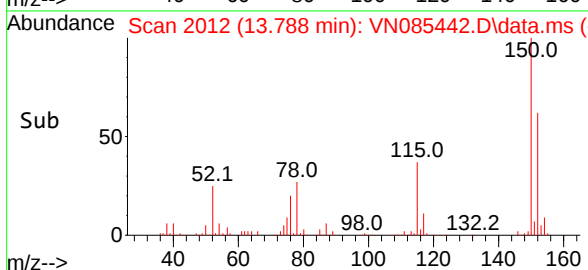
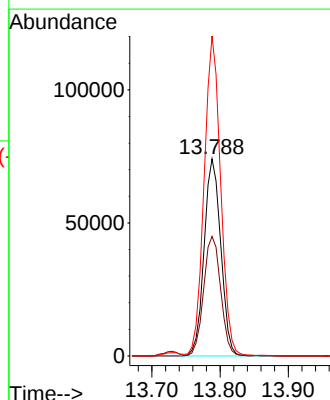
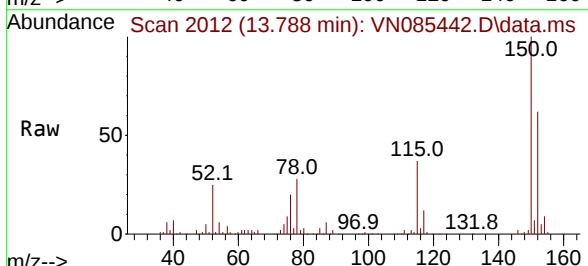
Tgt Ion:152 Resp: 126086

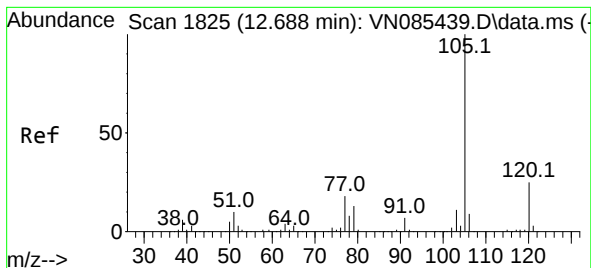
Ion Ratio Lower Upper

152 100

115 62.0 31.1 93.3

150 160.7 0.0 343.6





#73

Isopropylbenzene

Concen: 4.678 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.006 min

Lab File: VN085442.D

Acq: 14 Jan 2025 16:31

Instrument :

MSVOA\_N

ClientSampleId :

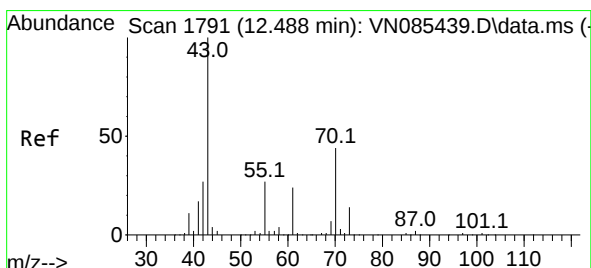
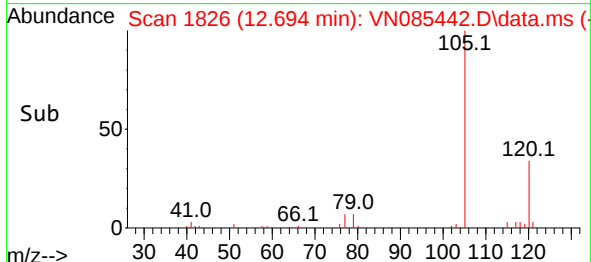
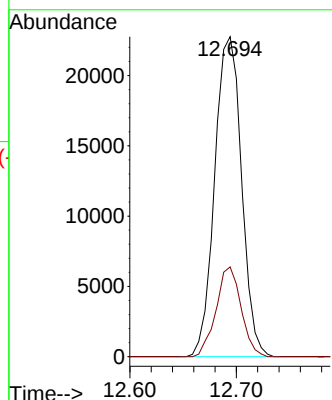
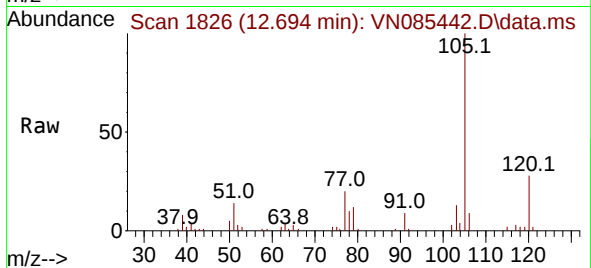
VSTDICC005

Tgt Ion:105 Resp: 39811

Ion Ratio Lower Upper

105 100

120 26.1 12.8 38.3



#74

N-ethyl acetate

Concen: 4.595 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VN085442.D

Acq: 14 Jan 2025 16:31

Tgt Ion: 43 Resp: 17577

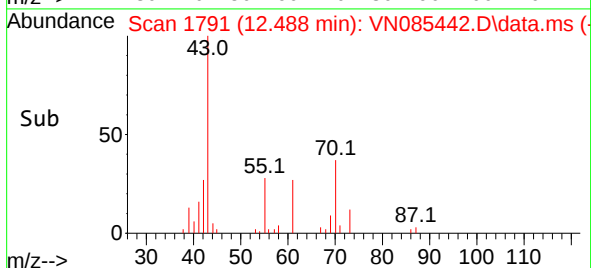
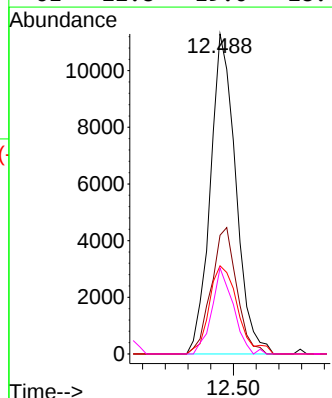
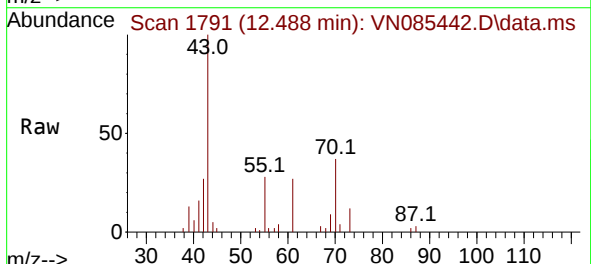
Ion Ratio Lower Upper

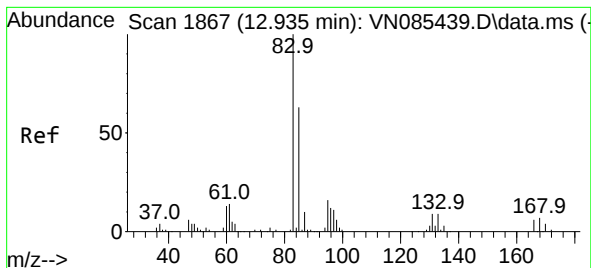
43 100

70 39.5 34.0 51.0

55 30.8 21.4 32.2

61 22.8 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 5.151 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN085442.D

Acq: 14 Jan 2025 16:31

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

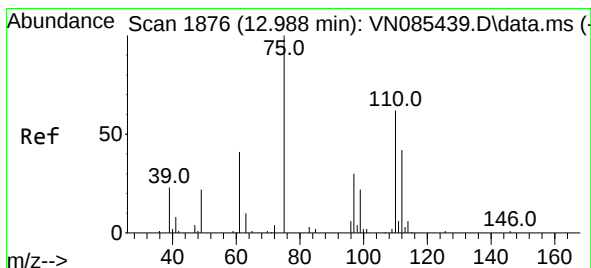
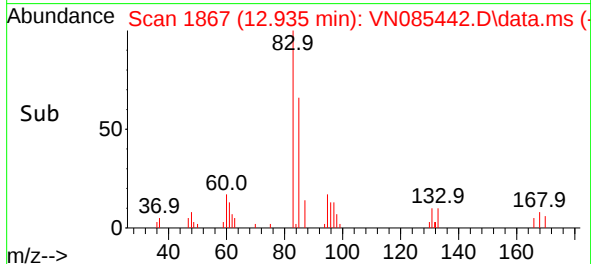
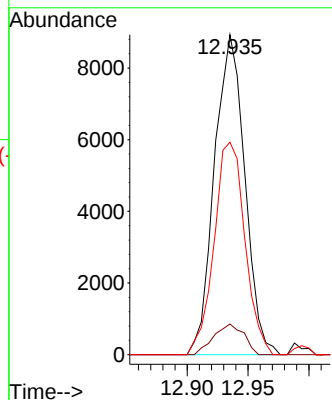
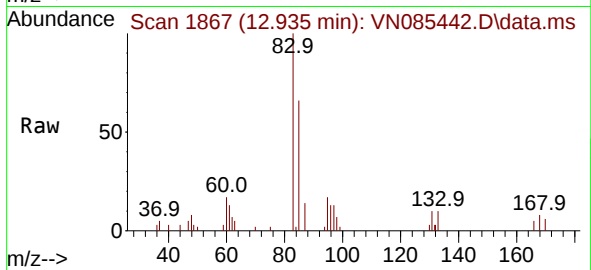
Tgt Ion: 83 Resp: 15483

Ion Ratio Lower Upper

83 100

131 9.5 4.8 14.4

85 67.5 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 7.279 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.006 min

Lab File: VN085442.D

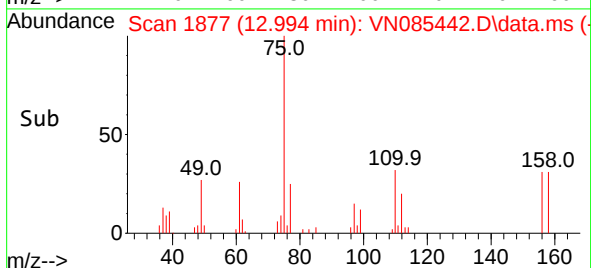
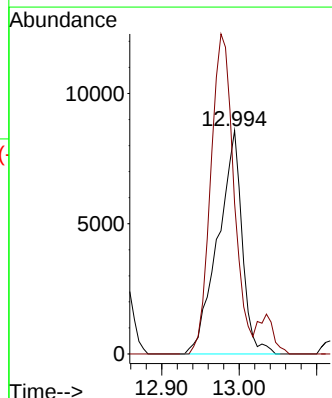
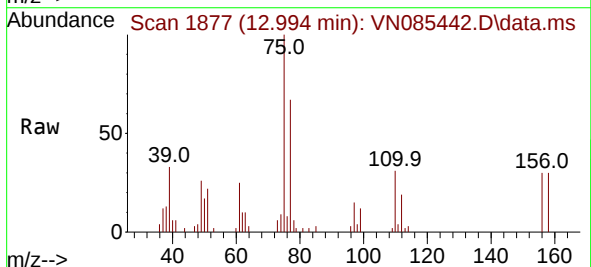
Acq: 14 Jan 2025 16:31

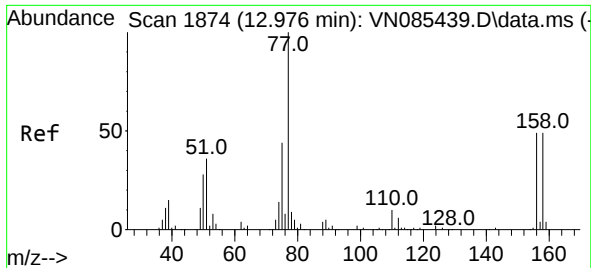
Tgt Ion: 75 Resp: 18624

Ion Ratio Lower Upper

75 100

77 136.7 109.7 329.2

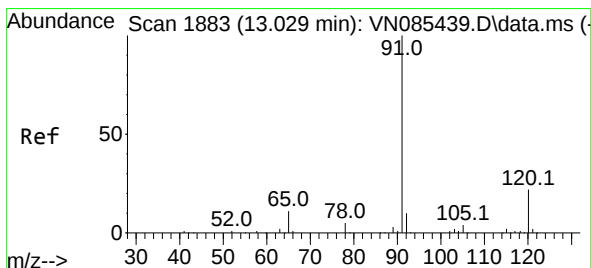
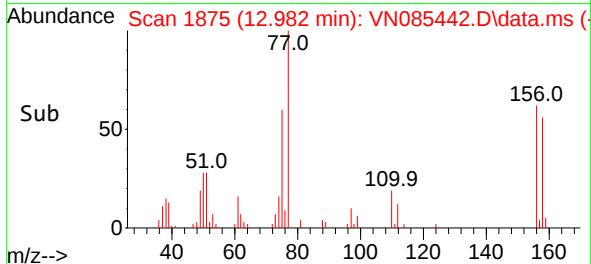
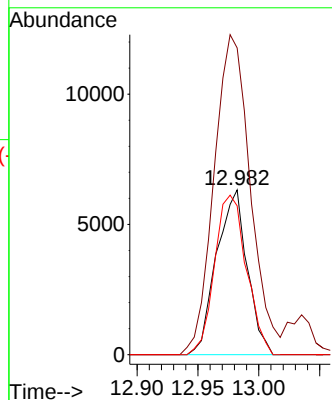
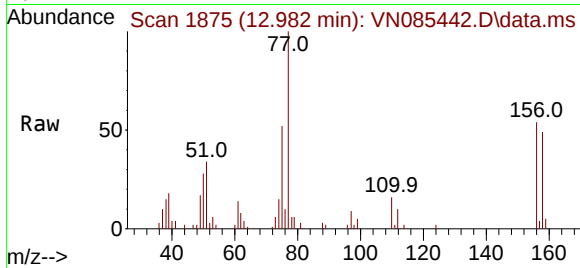




#77  
Bromobenzene  
Concen: 4.989 ug/l  
RT: 12.982 min Scan# 1875  
Delta R.T. 0.006 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

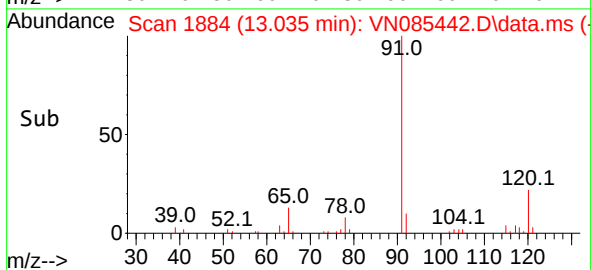
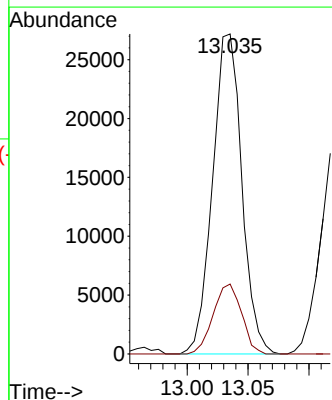
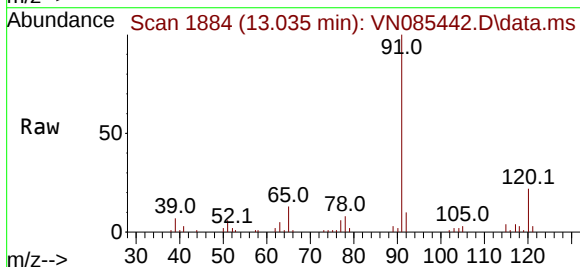
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

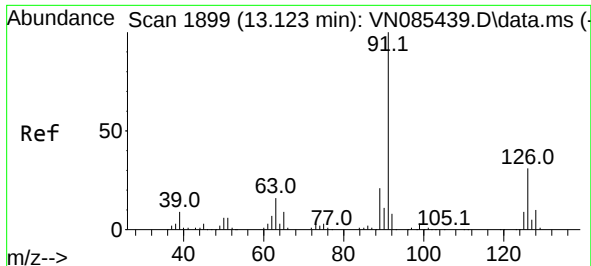
Tgt Ion:156 Resp: 11091  
Ion Ratio Lower Upper  
156 100  
77 229.5 114.1 342.4  
158 100.8 48.9 146.8



#78  
n-propylbenzene  
Concen: 4.512 ug/l  
RT: 13.035 min Scan# 1884  
Delta R.T. 0.006 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

Tgt Ion: 91 Resp: 45450  
Ion Ratio Lower Upper  
91 100  
120 21.1 10.9 32.6

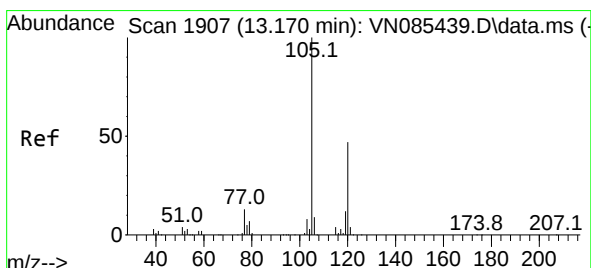
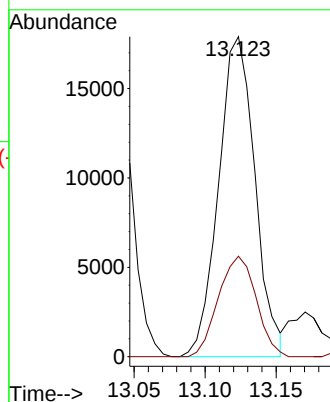
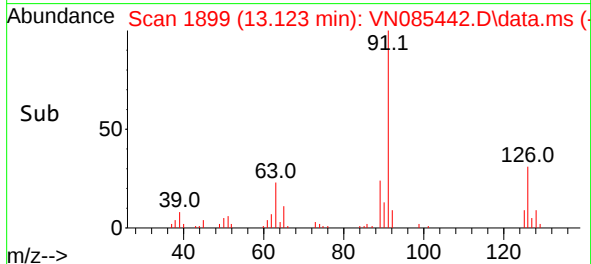
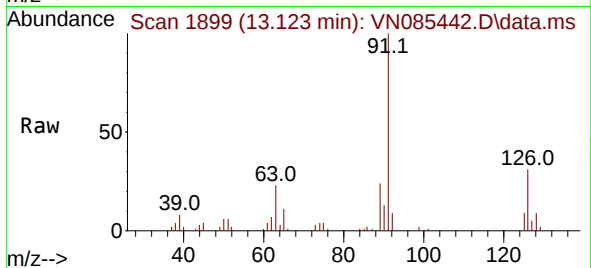




#79  
2-Chlorotoluene  
Concen: 4.898 ug/l  
RT: 13.123 min Scan# 1899  
Delta R.T. 0.000 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

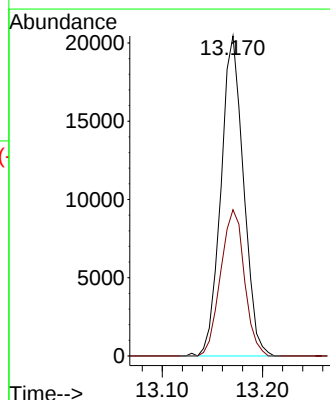
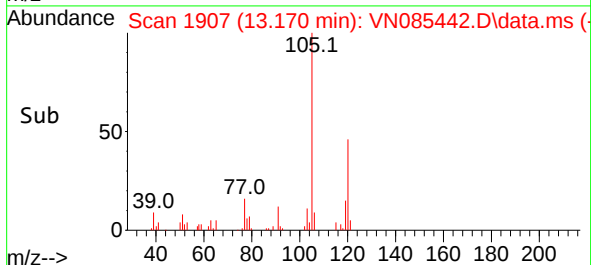
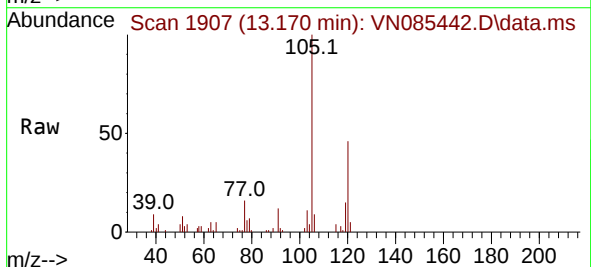
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

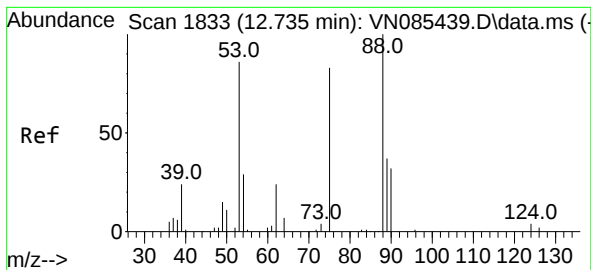
Tgt Ion: 91 Resp: 31932  
Ion Ratio Lower Upper  
91 100  
126 32.6 15.7 47.1



#80  
1,3,5-Trimethylbenzene  
Concen: 4.537 ug/l  
RT: 13.170 min Scan# 1907  
Delta R.T. 0.000 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

Tgt Ion: 105 Resp: 31891  
Ion Ratio Lower Upper  
105 100  
120 48.1 23.9 71.7

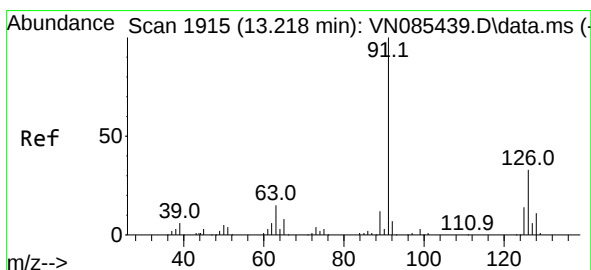
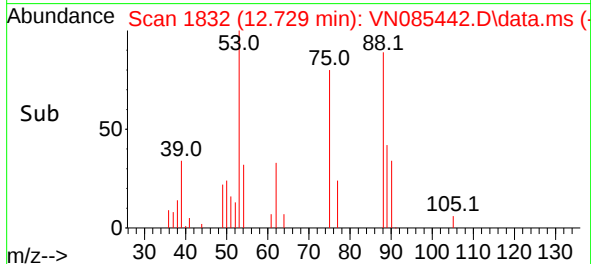
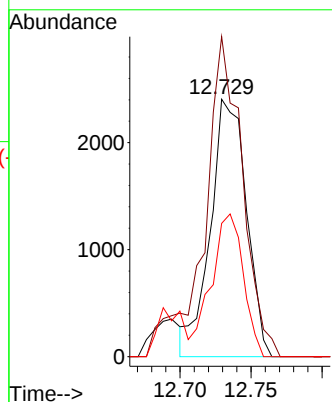
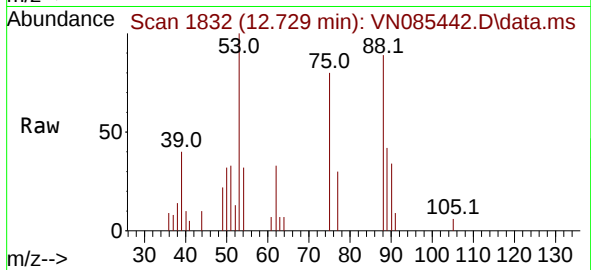




#81  
trans-1,4-Dichloro-2-butene  
Concen: 4.465 ug/l  
RT: 12.729 min Scan# 1832  
Delta R.T. -0.006 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

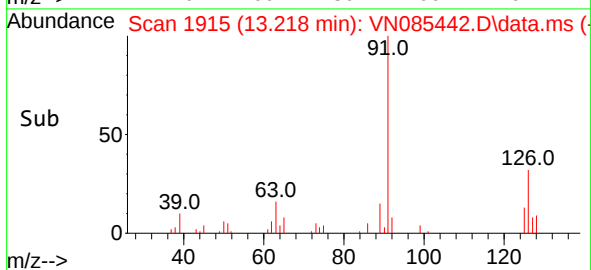
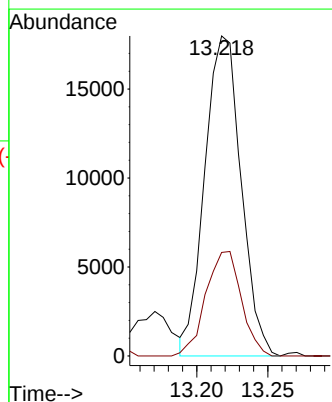
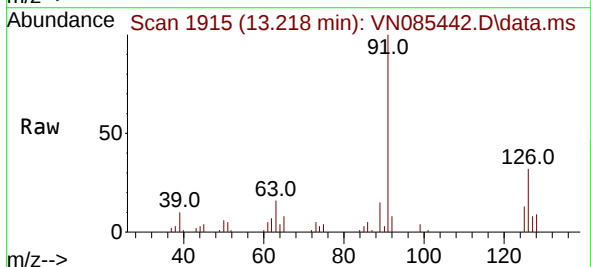
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tgt Ion: 75 Resp: 4229  
Ion Ratio Lower Upper  
75 100  
53 132.6 95.6 143.4  
89 49.7 37.0 55.6



#82  
4-Chlorotoluene  
Concen: 4.926 ug/l  
RT: 13.218 min Scan# 1915  
Delta R.T. 0.000 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

Tgt Ion: 91 Resp: 31976  
Ion Ratio Lower Upper  
91 100  
126 31.9 15.9 47.7

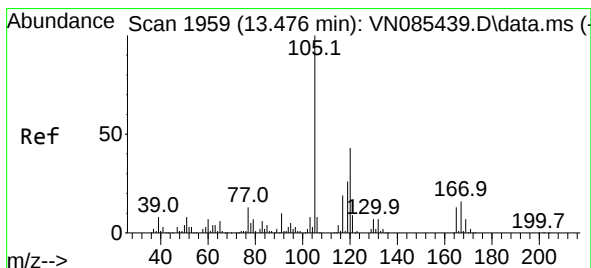
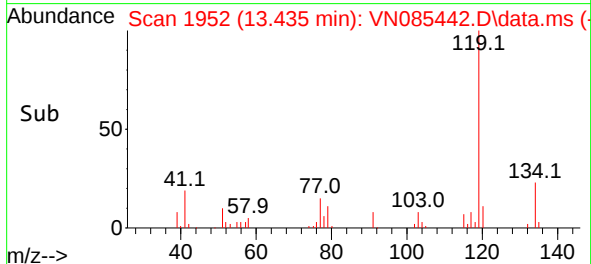
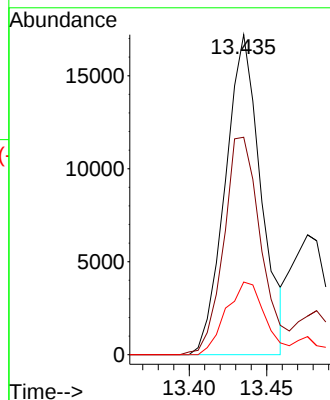
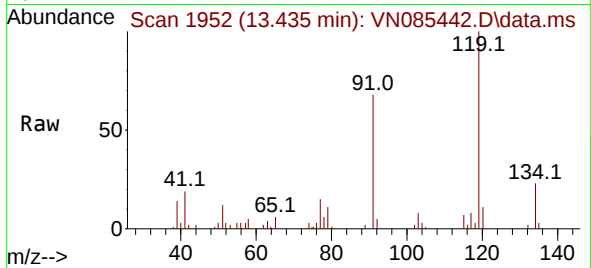




#83  
tert-Butylbenzene  
Concen: 4.675 ug/l  
RT: 13.435 min Scan# 1952  
Delta R.T. 0.000 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

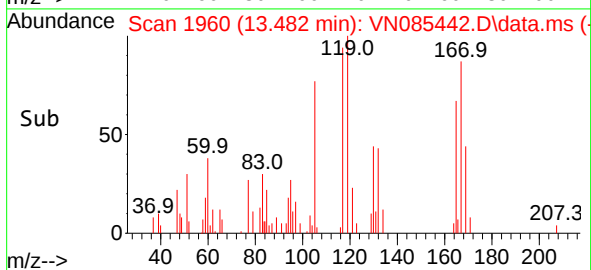
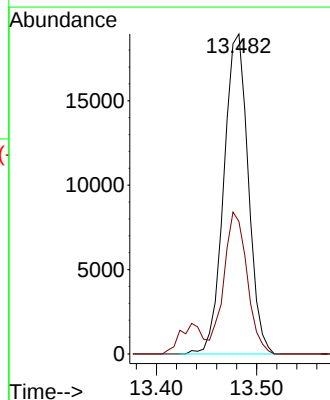
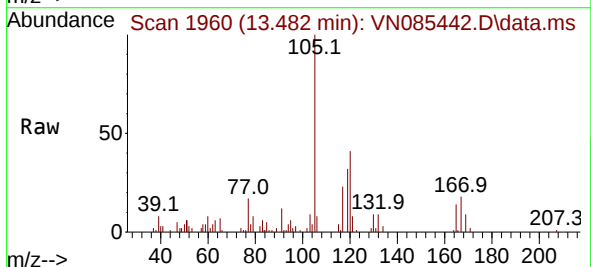
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

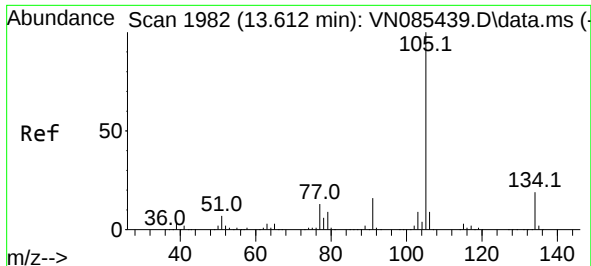
Tgt Ion:119 Resp: 27597  
Ion Ratio Lower Upper  
119 100  
91 71.1 35.1 105.3  
134 24.8 12.0 36.1



#84  
1,2,4-Trimethylbenzene  
Concen: 4.575 ug/l  
RT: 13.482 min Scan# 1960  
Delta R.T. 0.006 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

Tgt Ion:105 Resp: 32054  
Ion Ratio Lower Upper  
105 100  
120 42.0 21.6 65.0

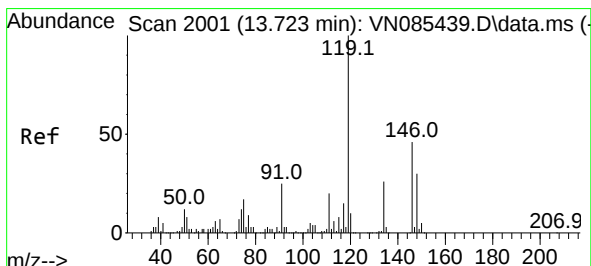
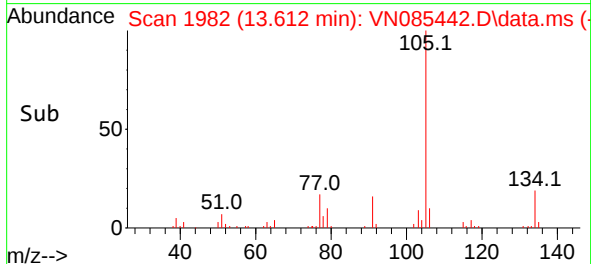
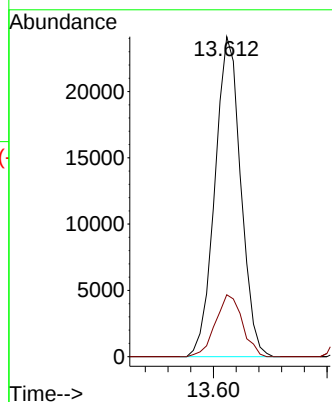
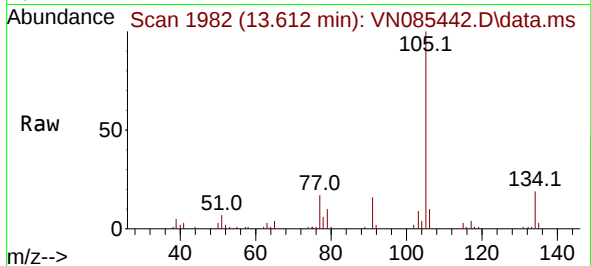




#85  
 sec-Butylbenzene  
 Concen: 4.663 ug/l  
 RT: 13.612 min Scan# 1982  
 Delta R.T. -0.000 min  
 Lab File: VN085442.D  
 Acq: 14 Jan 2025 16:31

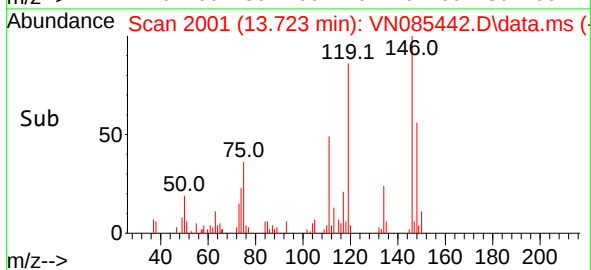
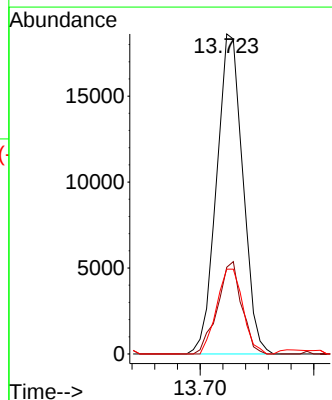
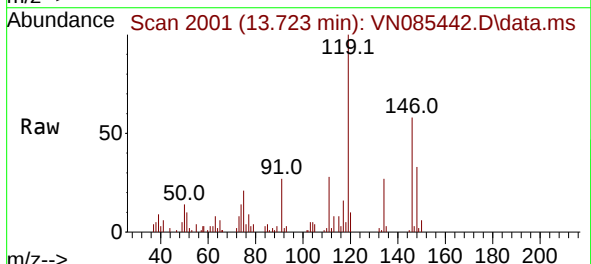
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

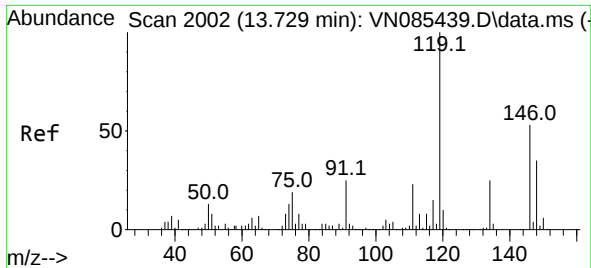
Tgt Ion:105 Resp: 38148  
 Ion Ratio Lower Upper  
 105 100  
 134 20.1 9.7 28.9



#86  
 p-Isopropyltoluene  
 Concen: 4.584 ug/l  
 RT: 13.723 min Scan# 2001  
 Delta R.T. 0.000 min  
 Lab File: VN085442.D  
 Acq: 14 Jan 2025 16:31

Tgt Ion:119 Resp: 29856  
 Ion Ratio Lower Upper  
 119 100  
 134 26.5 12.7 38.0  
 91 26.5 12.7 38.1

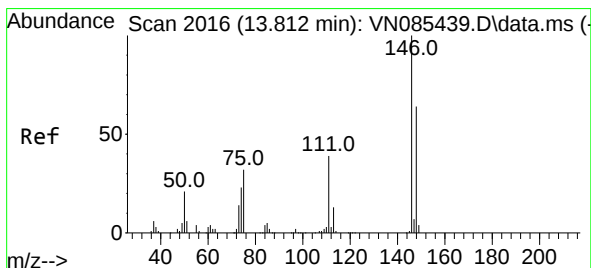
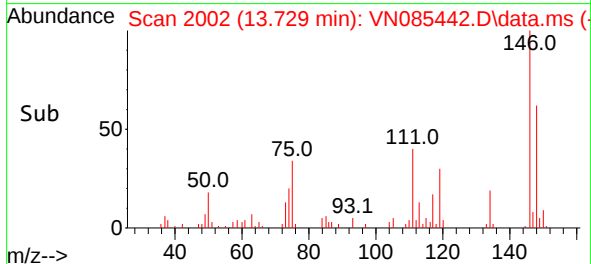
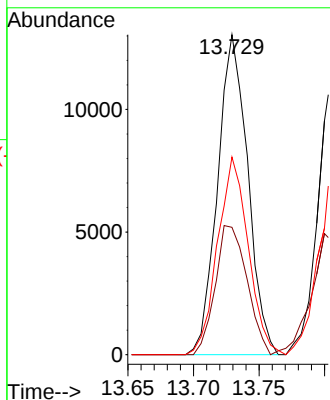
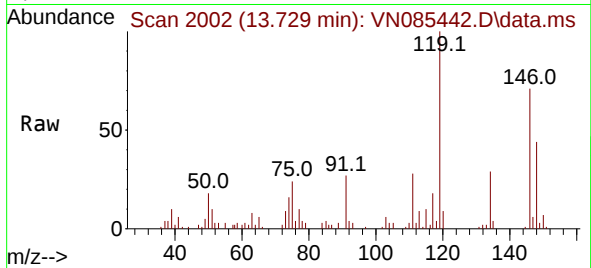




#87  
1,3-Dichlorobenzene  
Concen: 5.099 ug/l  
RT: 13.729 min Scan# 2002  
Delta R.T. 0.000 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

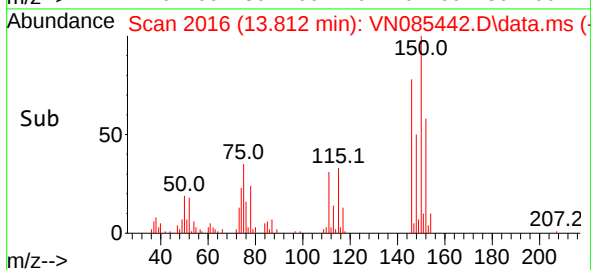
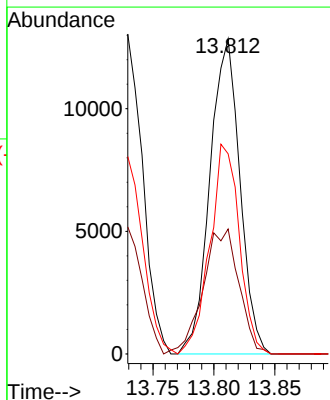
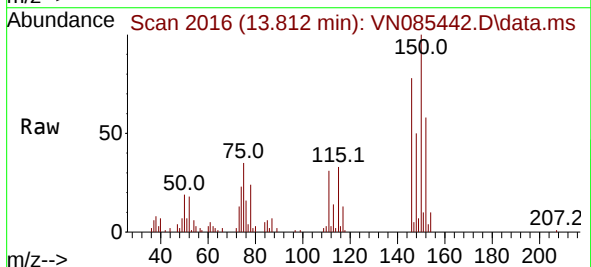
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tgt Ion:146 Resp: 20876  
Ion Ratio Lower Upper  
146 100  
111 42.3 21.4 64.3  
148 62.7 32.3 96.9



#88  
1,4-Dichlorobenzene  
Concen: 5.179 ug/l  
RT: 13.812 min Scan# 2016  
Delta R.T. 0.000 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

Tgt Ion:146 Resp: 21982  
Ion Ratio Lower Upper  
146 100  
111 47.1 21.3 63.7  
148 65.5 32.4 97.0

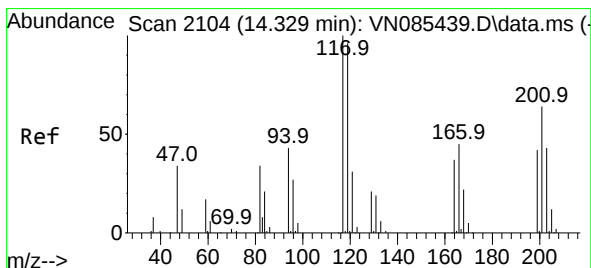
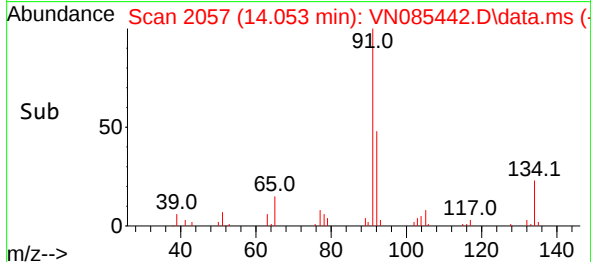
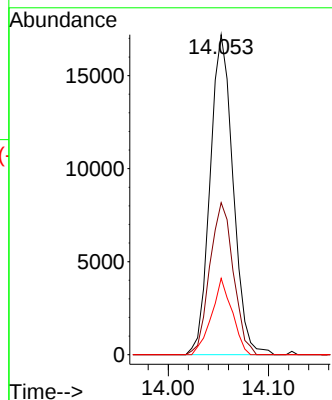
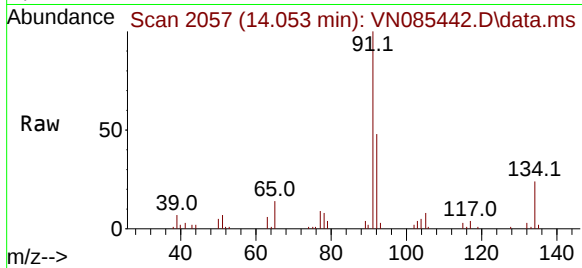




#89  
n-Butylbenzene  
Concen: 4.675 ug/l  
RT: 14.053 min Scan# 2057  
Delta R.T. 0.000 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

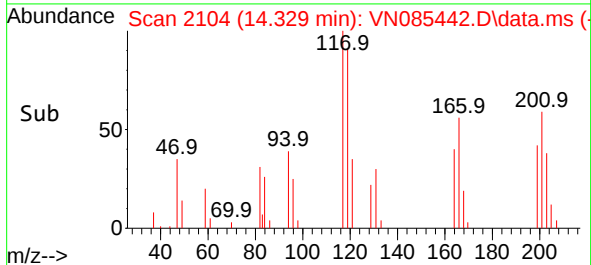
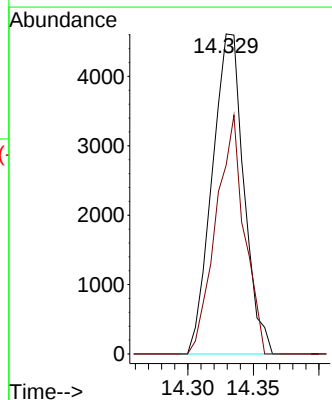
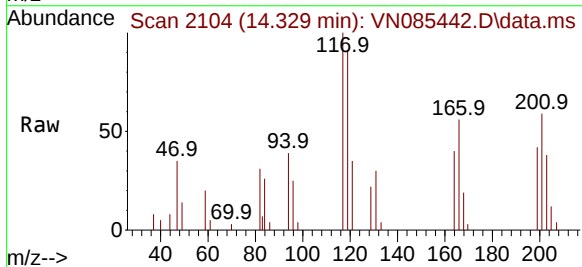
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

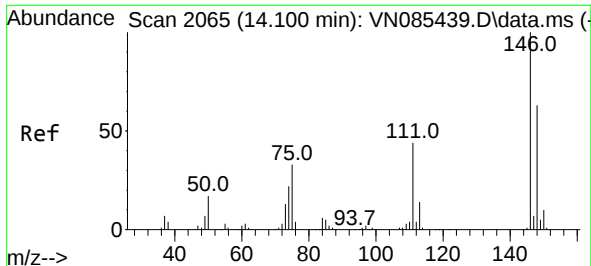
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 27437 |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 48.7  | 25.8  | 77.3  |
| 134      | 21.4  | 11.7  | 35.1  |



#90  
Hexachloroethane  
Concen: 4.987 ug/l  
RT: 14.329 min Scan# 2104  
Delta R.T. 0.000 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 7767  |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 66.9  | 33.7  | 101.0 |

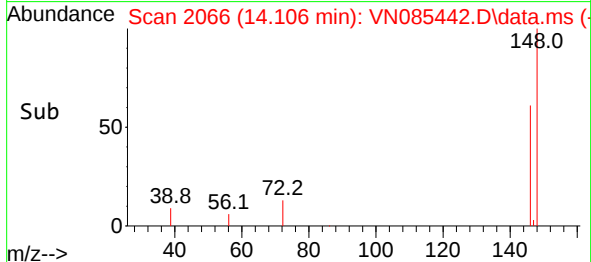
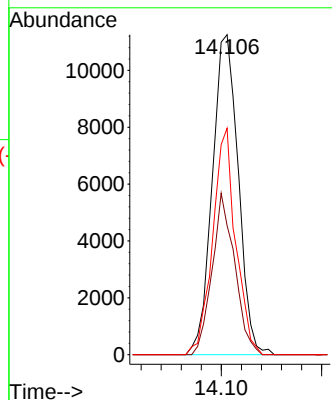
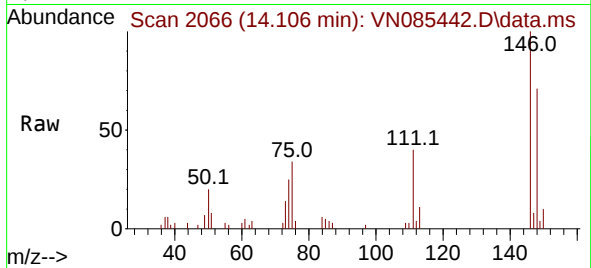




#91  
1,2-Dichlorobenzene  
Concen: 4.940 ug/l  
RT: 14.106 min Scan# 2066  
Delta R.T. 0.006 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

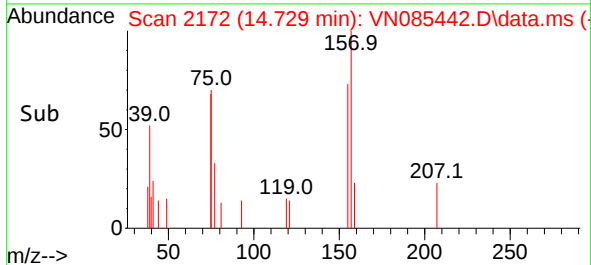
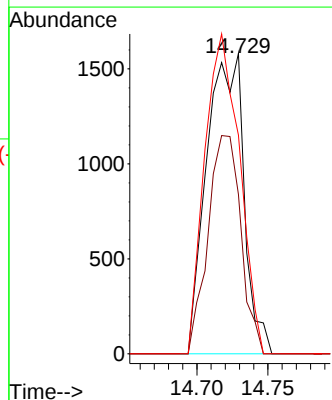
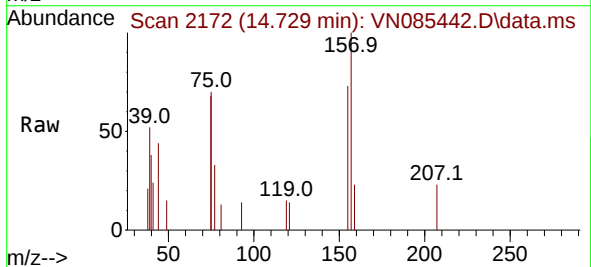
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

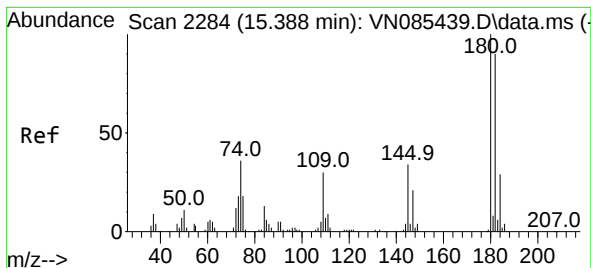
Tgt Ion:146 Resp: 20177  
Ion Ratio Lower Upper  
146 100  
111 44.0 21.7 65.1  
148 62.8 31.4 94.2



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 5.232 ug/l  
RT: 14.729 min Scan# 2172  
Delta R.T. 0.012 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

Tgt Ion: 75 Resp: 2872  
Ion Ratio Lower Upper  
75 100  
155 64.2 36.4 109.2  
157 99.8 45.4 136.1





#93

1,2,4-Trichlorobenzene

Concen: 4.761 ug/l

RT: 15.388 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN085442.D

Acq: 14 Jan 2025 16:31

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

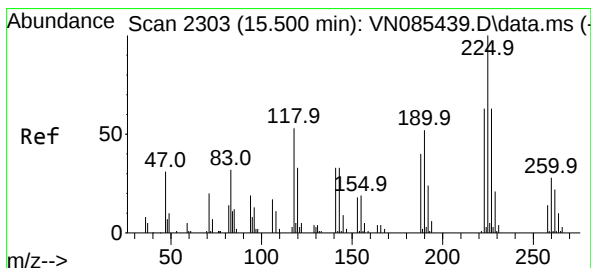
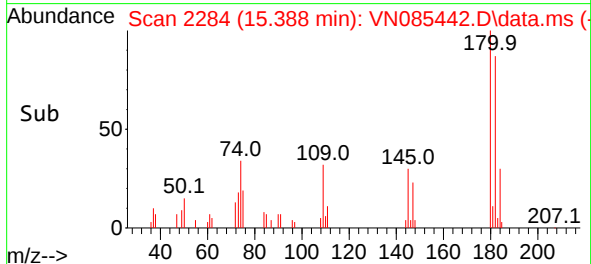
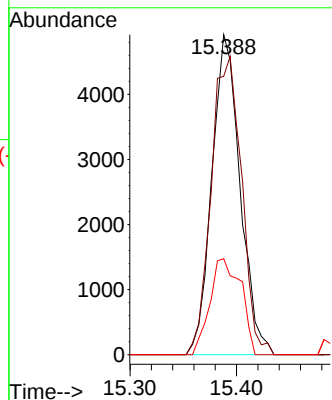
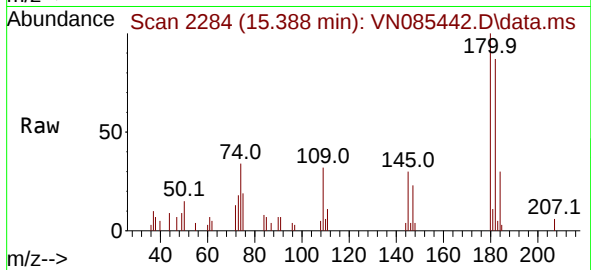
Tgt Ion:180 Resp: 9037

Ion Ratio Lower Upper

180 100

182 100.5 46.8 140.3

145 33.0 16.0 48.0



#94

Hexachlorobutadiene

Concen: 5.520 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN085442.D

Acq: 14 Jan 2025 16:31

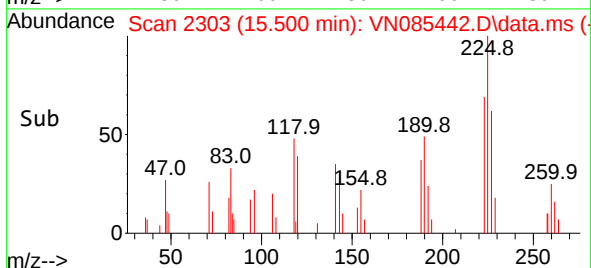
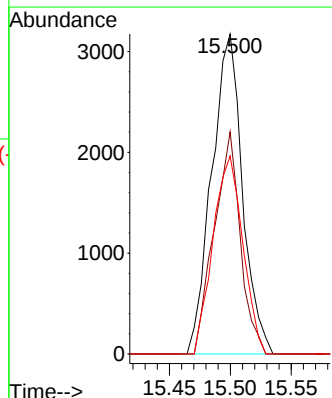
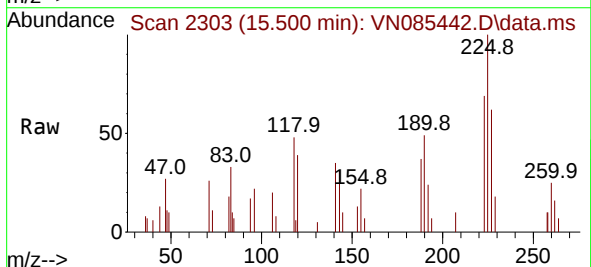
Tgt Ion:225 Resp: 5563

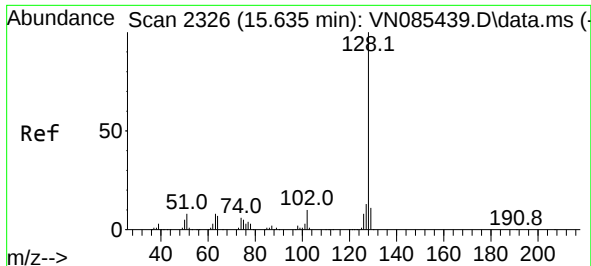
Ion Ratio Lower Upper

225 100

223 59.2 30.7 92.1

227 60.1 30.9 92.5

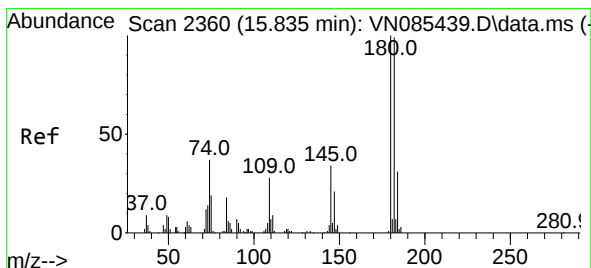
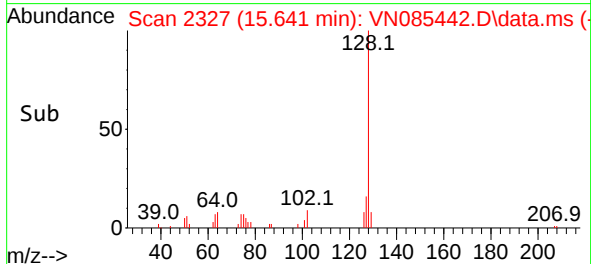
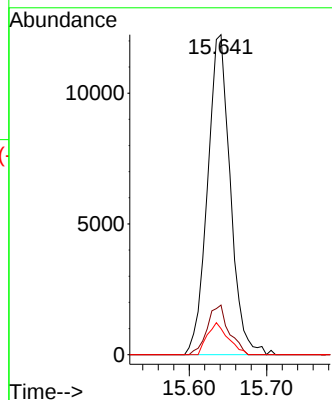
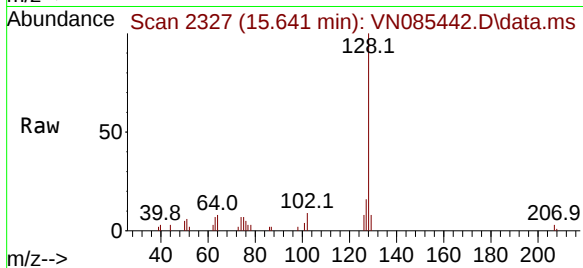




#95  
Naphthalene  
Concen: 4.422 ug/l  
RT: 15.641 min Scan# 2326  
Delta R.T. 0.006 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 25047 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 127       | 14.7  | 10.6  | 16.0  |
| 129       | 9.1   | 8.8   | 13.2  |



#96  
1,2,3-Trichlorobenzene  
Concen: 4.549 ug/l  
RT: 15.841 min Scan# 2361  
Delta R.T. 0.006 min  
Lab File: VN085442.D  
Acq: 14 Jan 2025 16:31

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 8737  |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 95.6  | 47.4  | 142.2 |
| 145       | 35.5  | 16.9  | 50.7  |

