

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN021025\  
 Data File : VN085733.D  
 Acq On : 10 Feb 2025 18:59  
 Operator : JC\MD  
 Sample : VN0210WBSD01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Feb 11 03:28:19 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011425W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 15 02:16:08 2025  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 8.224  | 168   | 231142   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.100  | 114   | 403589   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.865 | 117   | 358601   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.788 | 152   | 166903   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.577  | 65    | 186071   | 49.870   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | =      | 99.740%  |
| 35) Dibromofluoromethane     | 8.165  | 113   | 152408   | 54.433   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 108.860% |
| 50) Toluene-d8               | 10.565 | 98    | 543357   | 54.619   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | =      | 109.240% |
| 62) 4-Bromofluorobenzene     | 12.847 | 95    | 195707   | 57.511   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 77 - 121 | Recovery | =      | 115.020% |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.124  | 85    | 69902    | 22.336   | ug/l   | 98       |
| 3) Chloromethane             | 2.359  | 50    | 69207    | 20.424   | ug/l   | 98       |
| 4) Vinyl Chloride            | 2.512  | 62    | 73505    | 21.582   | ug/l   | 97       |
| 5) Bromomethane              | 2.954  | 94    | 42642    | 20.727   | ug/l   | 93       |
| 6) Chloroethane              | 3.118  | 64    | 45644    | 21.138   | ug/l   | 94       |
| 7) Trichlorofluoromethane    | 3.501  | 101   | 101829   | 20.605   | ug/l   | 96       |
| 8) Diethyl Ether             | 3.959  | 74    | 34304    | 20.093   | ug/l   | 88       |
| 9) 1,1,2-Trichlorotrifluo... | 4.365  | 101   | 57836    | 20.778   | ug/l   | 98       |
| 10) Methyl Iodide            | 4.589  | 142   | 74089    | 23.243   | ug/l   | 93       |
| 11) Tert butyl alcohol       | 5.518  | 59    | 48502    | 113.525  | ug/l   | 99       |
| 12) 1,1-Dichloroethene       | 4.342  | 96    | 54189    | 21.844   | ug/l   | 92       |
| 13) Acrolein                 | 4.177  | 56    | 55543    | 95.236   | ug/l   | 96       |
| 14) Allyl chloride           | 5.018  | 41    | 70783    | 17.584   | ug/l   | 95       |
| 15) Acrylonitrile            | 5.718  | 53    | 136377   | 100.496  | ug/l   | 99       |
| 16) Acetone                  | 4.424  | 43    | 110809   | 91.915   | ug/l   | 96       |
| 17) Carbon Disulfide         | 4.712  | 76    | 153388   | 20.082   | ug/l   | 99       |
| 18) Methyl Acetate           | 5.024  | 43    | 70306    | 19.179   | ug/l   | 93       |
| 19) Methyl tert-butyl Ether  | 5.795  | 73    | 171132   | 21.245   | ug/l   | 97       |
| 20) Methylene Chloride       | 5.271  | 84    | 62100    | 20.808   | ug/l   | 89       |
| 21) trans-1,2-Dichloroethene | 5.789  | 96    | 56508    | 21.315   | ug/l   | 97       |
| 22) Diisopropyl ether        | 6.671  | 45    | 171243   | 19.166   | ug/l   | 97       |
| 23) Vinyl Acetate            | 6.600  | 43    | 684025   | 109.397  | ug/l   | 98       |
| 24) 1,1-Dichloroethane       | 6.571  | 63    | 108507   | 19.917   | ug/l   | 98       |
| 25) 2-Butanone               | 7.483  | 43    | 168816   | 95.157   | ug/l # | 89       |
| 26) 2,2-Dichloropropane      | 7.489  | 77    | 93490    | 21.226   | ug/l   | 97       |
| 27) cis-1,2-Dichloroethene   | 7.483  | 96    | 65572    | 20.999   | ug/l   | 93       |
| 28) Bromochloromethane       | 7.812  | 49    | 56710    | 22.375   | ug/l   | 86       |
| 29) Tetrahydrofuran          | 7.836  | 42    | 114064   | 101.411  | ug/l   | 91       |
| 30) Chloroform               | 7.965  | 83    | 112224   | 19.931   | ug/l   | 98       |
| 31) Cyclohexane              | 8.253  | 56    | 86612    | 18.291   | ug/l   | 92       |
| 32) 1,1,1-Trichloroethane    | 8.165  | 97    | 102075   | 20.667   | ug/l   | 95       |
| 36) 1,1-Dichloropropene      | 8.371  | 75    | 77259    | 19.661   | ug/l   | 99       |
| 37) Ethyl Acetate            | 7.559  | 43    | 72999    | 18.404   | ug/l   | 98       |
| 38) Carbon Tetrachloride     | 8.359  | 117   | 91209    | 20.274   | ug/l   | 99       |
| 39) Methylcyclohexane        | 9.600  | 83    | 74319    | 20.126   | ug/l   | 95       |
| 40) Benzene                  | 8.606  | 78    | 248602   | 21.055   | ug/l   | 99       |

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 Sample : VN0210WBSD01  
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 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :

Quant Time: Feb 11 03:28:19 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011425W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 15 02:16:08 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.771  | 41   | 39995    | 19.381  | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 86733    | 19.504  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.688  | 43   | 130144   | 20.477  | ug/l   | 99       |
| 44) Trichloroethene           | 9.347  | 130  | 57172    | 20.802  | ug/l   | 92       |
| 45) 1,2-Dichloropropane       | 9.618  | 63   | 59156    | 19.615  | ug/l   | 97       |
| 46) Dibromomethane            | 9.706  | 93   | 43727    | 20.094  | ug/l   | 95       |
| 47) Bromodichloromethane      | 9.882  | 83   | 89840    | 20.264  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.677  | 41   | 55422    | 19.377  | ug/l   | 92       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 22461    | 466.342 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone      | 10.441 | 43   | 364061   | 98.714  | ug/l   | 95       |
| 52) Toluene                   | 10.629 | 92   | 150953   | 22.065  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 86648    | 20.681  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 94546    | 21.126  | ug/l   | 92       |
| 55) 1,1,2-Trichloroethane     | 11.012 | 97   | 57705    | 21.313  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.871 | 69   | 83395    | 19.510  | ug/l   | 91       |
| 57) 1,3-Dichloropropane       | 11.159 | 76   | 97185    | 20.644  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 181891   | 105.866 | ug/l   | 97       |
| 59) 2-Hexanone                | 11.194 | 43   | 262185   | 101.034 | ug/l   | 93       |
| 60) Dibromochloromethane      | 11.359 | 129  | 69068    | 21.130  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.465 | 107  | 57030    | 21.161  | ug/l   | 100      |
| 64) Tetrachloroethene         | 11.100 | 164  | 52118    | 21.319  | ug/l   | 95       |
| 65) Chlorobenzene             | 11.888 | 112  | 163378   | 20.797  | ug/l   | 95       |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 60097    | 20.844  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.959 | 91   | 278845   | 21.793  | ug/l   | 100      |
| 68) m/p-Xylenes               | 12.071 | 106  | 214296   | 45.317  | ug/l   | 97       |
| 69) o-Xylene                  | 12.394 | 106  | 103912   | 22.994  | ug/l   | 97       |
| 70) Styrene                   | 12.406 | 104  | 170141   | 22.749  | ug/l   | 98       |
| 71) Bromoform                 | 12.576 | 173  | 45609    | 22.108  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.694 | 105  | 258819   | 22.976  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.494 | 43   | 100274   | 19.805  | ug/l   | 93       |
| 75) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 82681    | 20.779  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.988 | 75   | 103943   | 30.640  | ug/l   | 46       |
| 77) Bromobenzene              | 12.976 | 156  | 63556    | 21.596  | ug/l   | 94       |
| 78) n-propylbenzene           | 13.035 | 91   | 294746   | 22.103  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 187503   | 21.725  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 13.171 | 105  | 209301   | 22.494  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 26603    | 21.217  | ug/l   | 86       |
| 82) 4-Chlorotoluene           | 13.218 | 91   | 184197   | 21.435  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.435 | 119  | 179417   | 22.962  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 215295   | 23.216  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.612 | 105  | 250416   | 23.123  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.723 | 119  | 210787   | 23.155  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.729 | 146  | 116748   | 21.541  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 112036   | 19.943  | ug/l   | 99       |
| 89) n-Butylbenzene            | 14.053 | 91   | 177324   | 22.824  | ug/l   | 96       |
| 90) Hexachloroethane          | 14.329 | 117  | 39638    | 19.226  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 113871   | 21.063  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.717 | 75   | 15149    | 20.849  | ug/l   | 84       |
| 93) 1,2,4-Trichlorobenzene    | 15.388 | 180  | 54735    | 21.784  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 25144    | 18.849  | ug/l   | 94       |
| 95) Naphthalene               | 15.635 | 128  | 185618   | 24.756  | ug/l   | 97       |
| 96) 1,2,3-Trichlorobenzene    | 15.835 | 180  | 53261    | 20.949  | ug/l   | 97       |

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Quant Title : SW846 8260  
QLast Update : Wed Jan 15 02:16:08 2025  
Response via : Initial Calibration

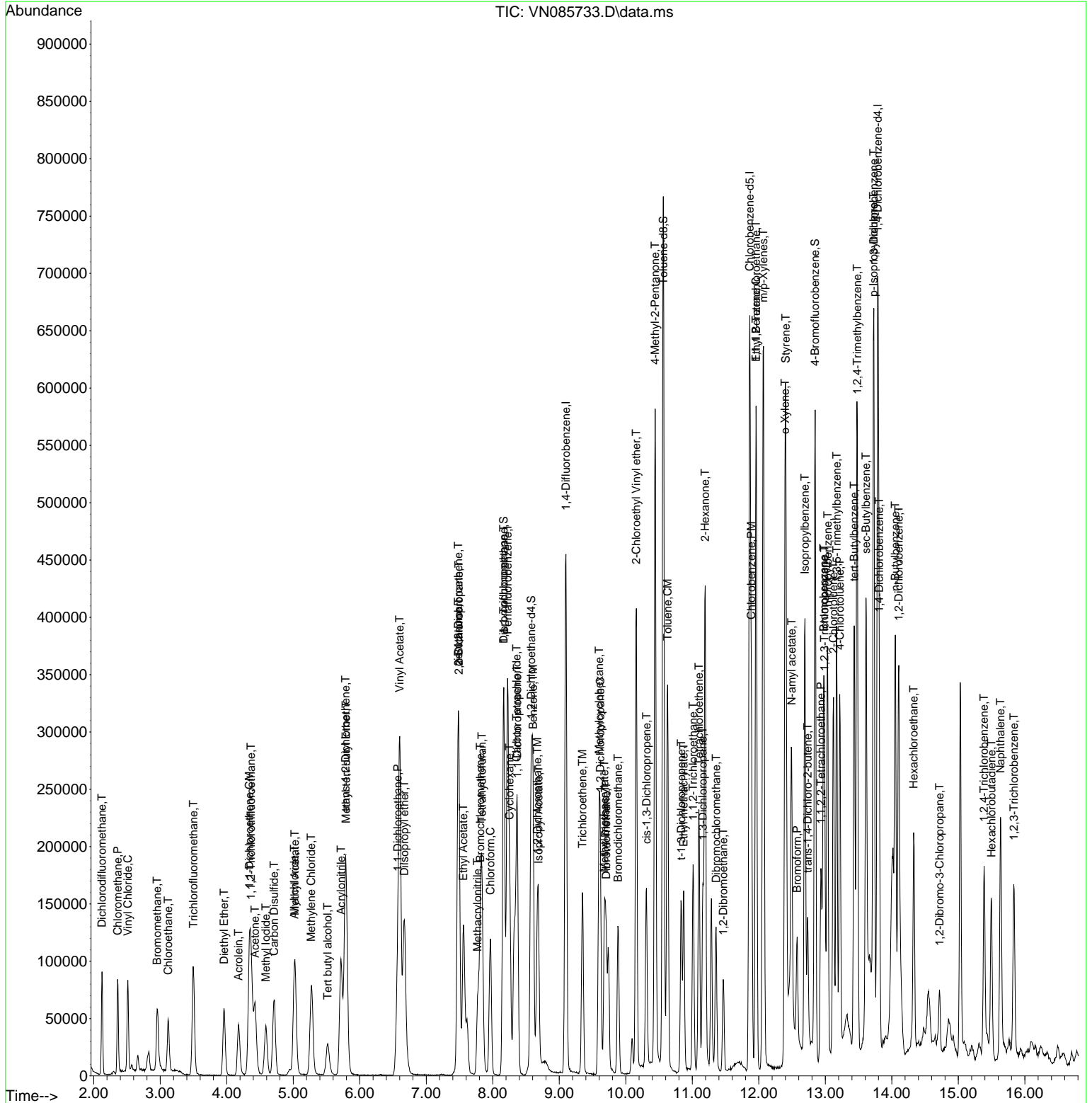
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

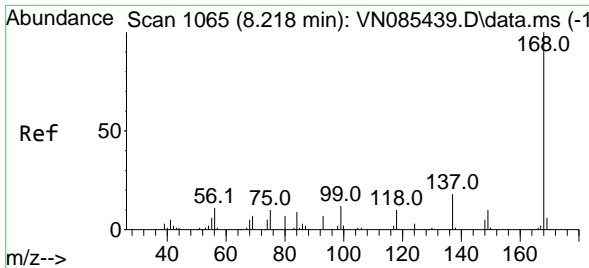
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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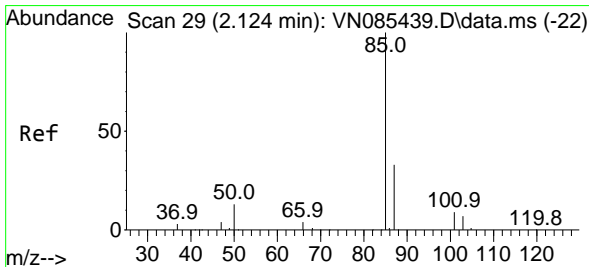
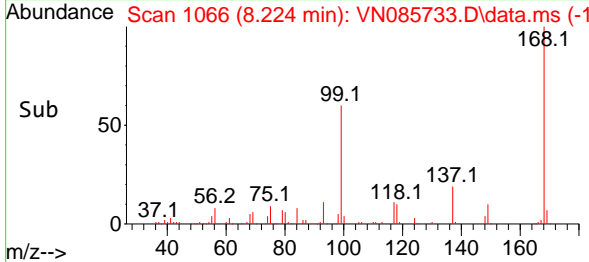
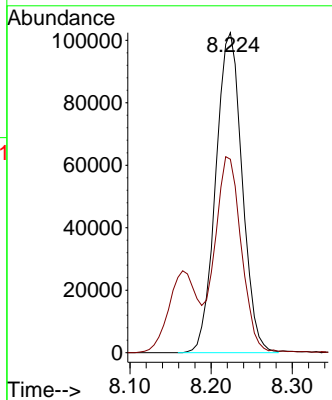
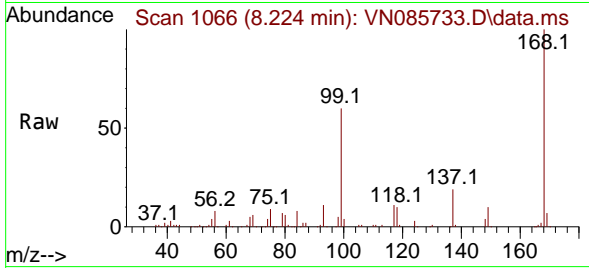




#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.224 min Scan# 10  
 Delta R.T. 0.006 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

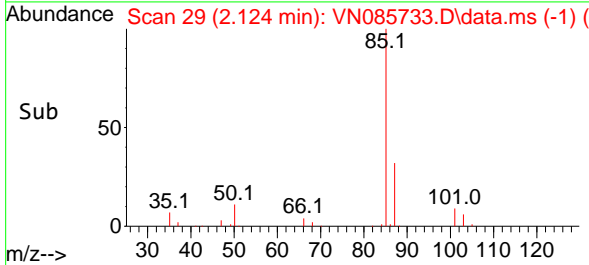
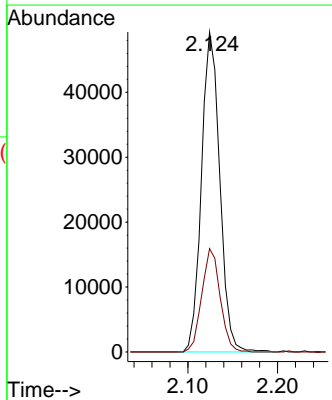
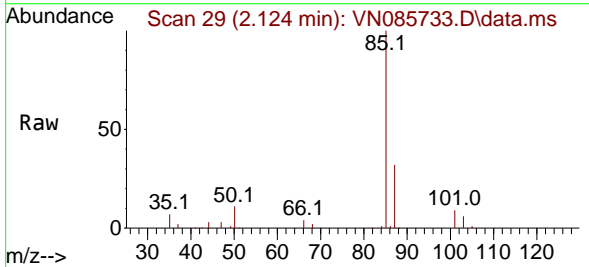
Instrument : MSVOA\_N  
 ClientSampleId :

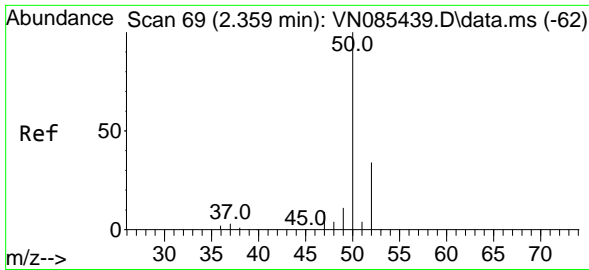
Tgt Ion:168 Resp: 231142  
 Ion Ratio Lower Upper  
 168 100  
 99 60.0 53.6 80.4



#2  
 Dichlorodifluoromethane  
 Concen: 22.336 ug/l  
 RT: 2.124 min Scan# 29  
 Delta R.T. 0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

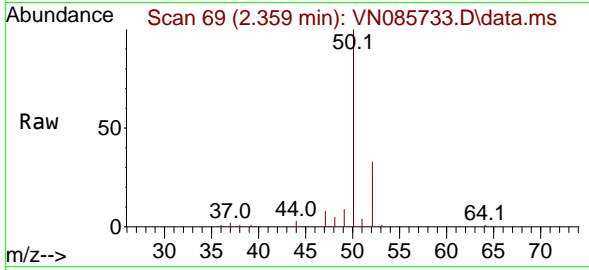
Tgt Ion: 85 Resp: 69902  
 Ion Ratio Lower Upper  
 85 100  
 87 32.3 16.7 50.1



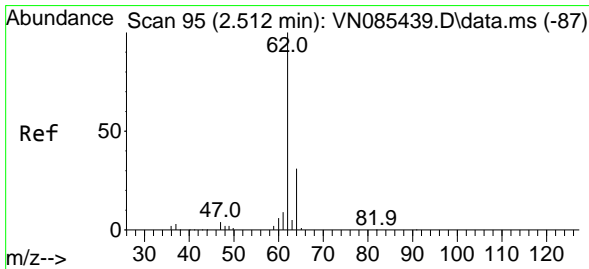
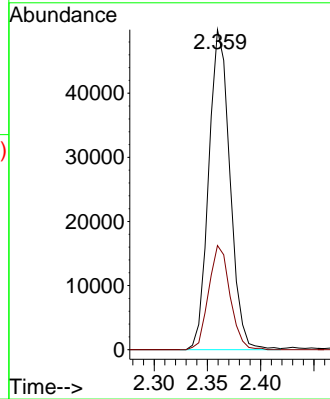
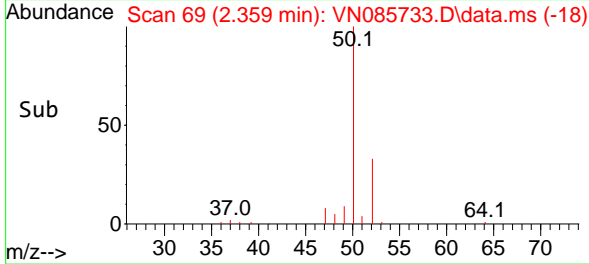


#3  
 Chloromethane  
 Concen: 20.424 ug/l  
 RT: 2.359 min Scan# 69  
 Delta R.T. 0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

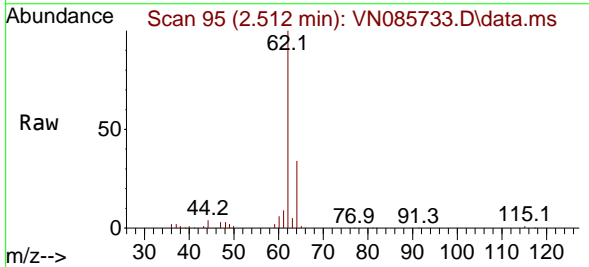
Instrument :  
 MSVOA\_N  
 ClientSampleId :



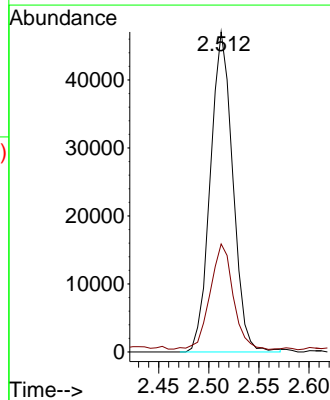
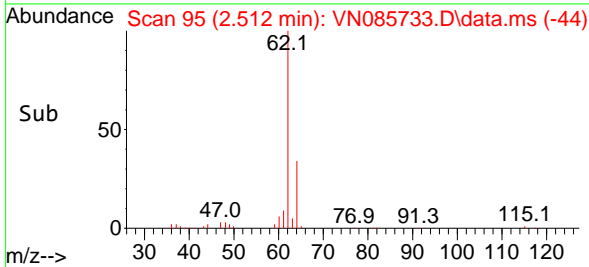
Tgt Ion: 50 Resp: 69207  
 Ion Ratio Lower Upper  
 50 100  
 52 32.6 27.0 40.6

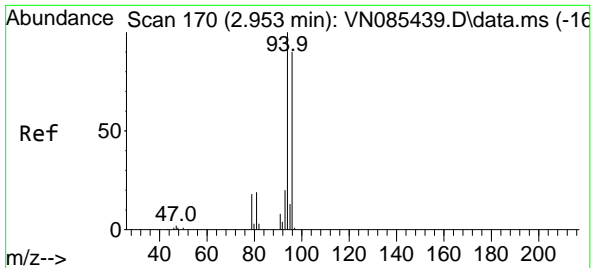


#4  
 Vinyl Chloride  
 Concen: 21.582 ug/l  
 RT: 2.512 min Scan# 95  
 Delta R.T. 0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59



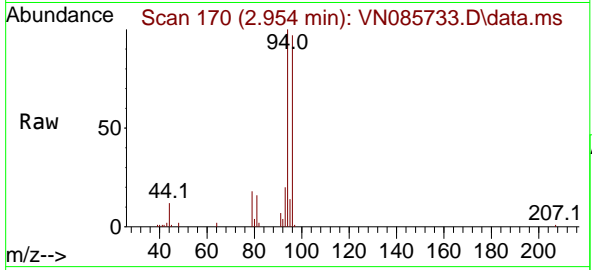
Tgt Ion: 62 Resp: 73505  
 Ion Ratio Lower Upper  
 62 100  
 64 32.7 24.8 37.2



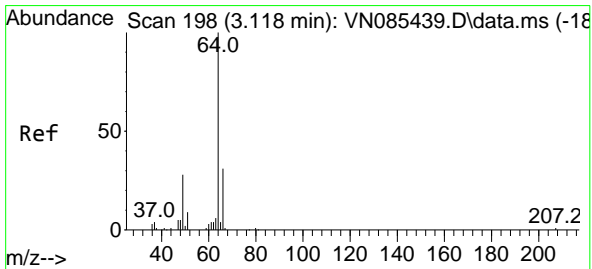
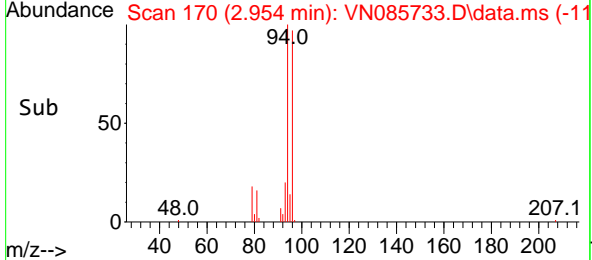
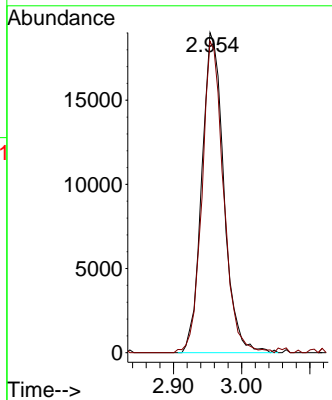


#5  
 Bromomethane  
 Concen: 20.727 ug/l  
 RT: 2.954 min Scan# 170  
 Delta R.T. 0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

Instrument :  
 MSVOA\_N  
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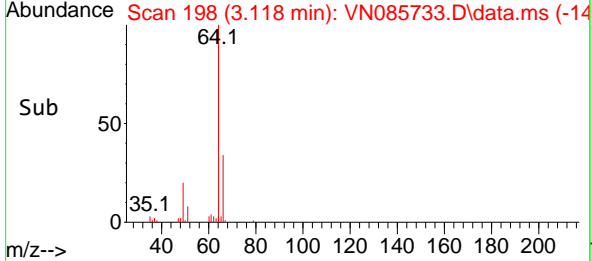
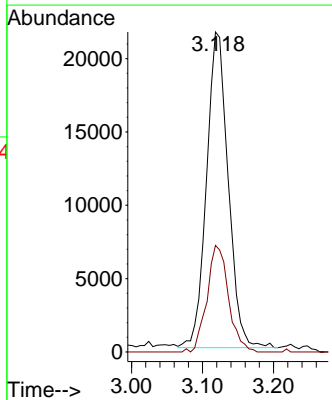
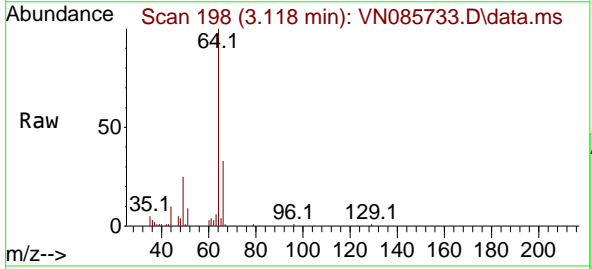


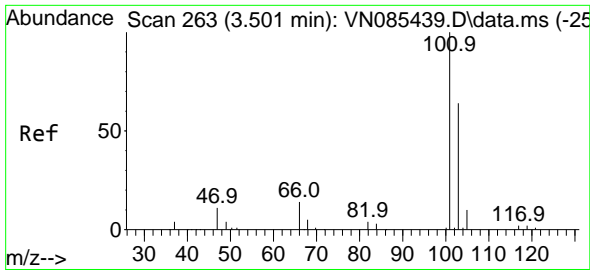
Tgt Ion: 94 Resp: 42642  
 Ion Ratio Lower Upper  
 94 100  
 96 96.3 71.8 107.6



#6  
 Chloroethane  
 Concen: 21.138 ug/l  
 RT: 3.118 min Scan# 198  
 Delta R.T. 0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

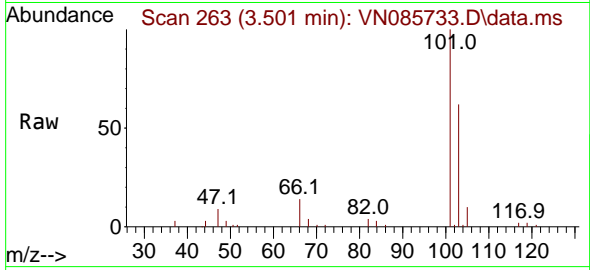
Tgt Ion: 64 Resp: 45644  
 Ion Ratio Lower Upper  
 64 100  
 66 33.8 24.6 36.8



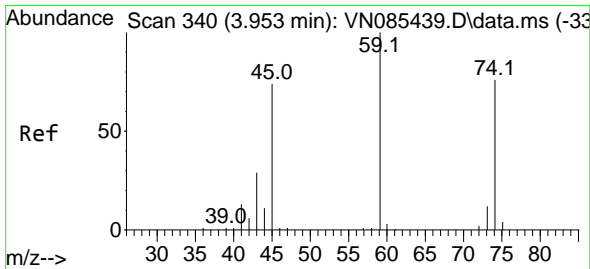
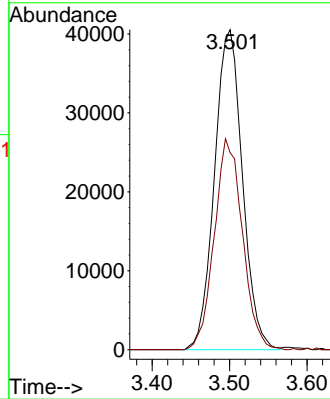
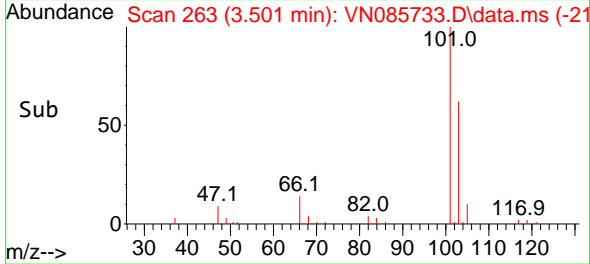


#7  
 Trichlorofluoromethane  
 Concen: 20.605 ug/l  
 RT: 3.501 min Scan# 20  
 Delta R.T. 0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

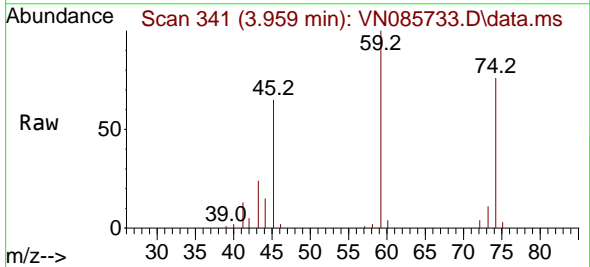
Instrument :  
 MSVOA\_N  
 ClientSampleId :



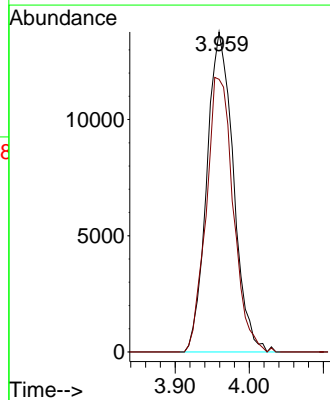
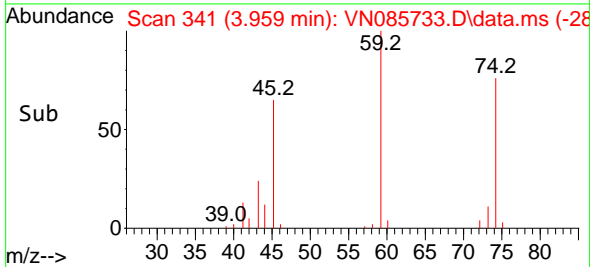
Tgt Ion:101 Resp: 101829  
 Ion Ratio Lower Upper  
 101 100  
 103 61.6 51.4 77.2



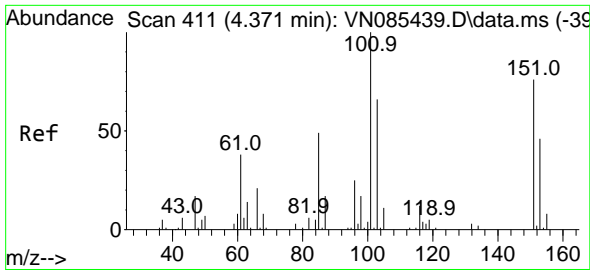
#8  
 Diethyl Ether  
 Concen: 20.093 ug/l  
 RT: 3.959 min Scan# 341  
 Delta R.T. 0.006 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59



Tgt Ion: 74 Resp: 34304  
 Ion Ratio Lower Upper  
 74 100  
 45 87.6 49.7 149.1

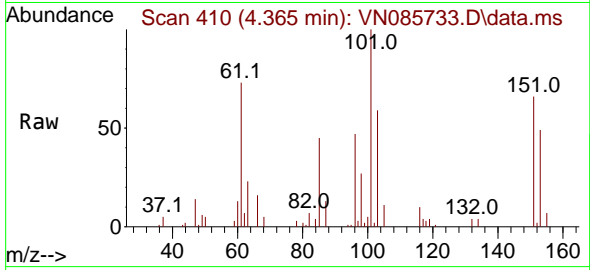




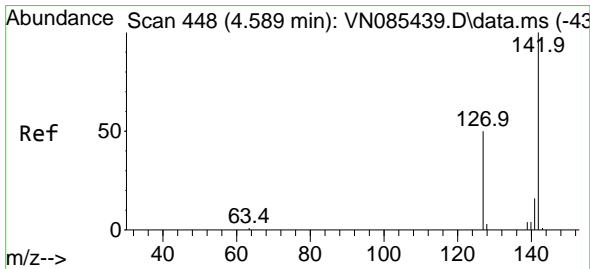
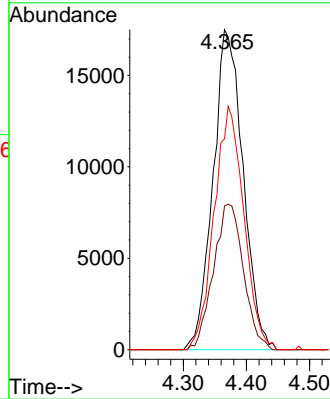
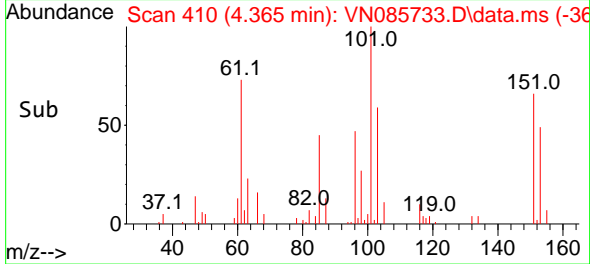


#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 20.778 ug/l  
 RT: 4.365 min Scan# 411  
 Delta R.T. -0.006 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

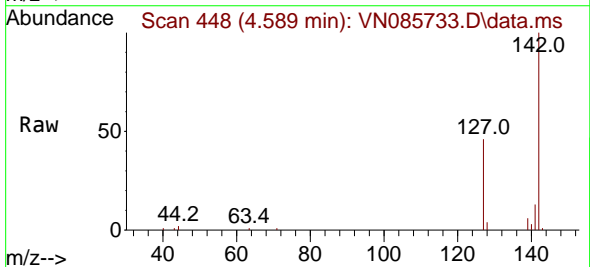
Instrument :  
 MSVOA\_N  
 ClientSampleId :



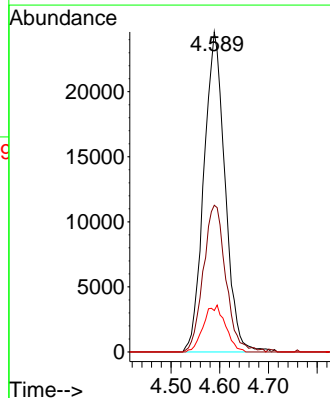
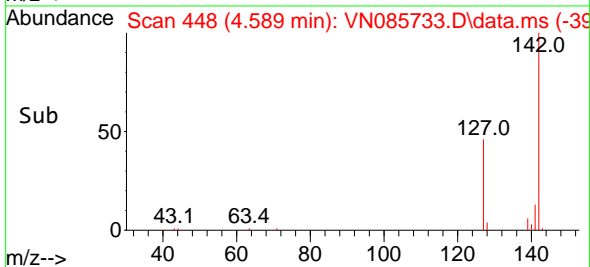
Tgt Ion:101 Resp: 57836  
 Ion Ratio Lower Upper  
 101 100  
 85 45.5 37.8 56.8  
 151 75.1 58.8 88.2

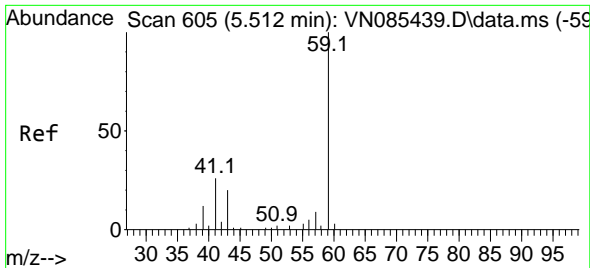


#10  
 Methyl Iodide  
 Concen: 23.243 ug/l  
 RT: 4.589 min Scan# 448  
 Delta R.T. 0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59



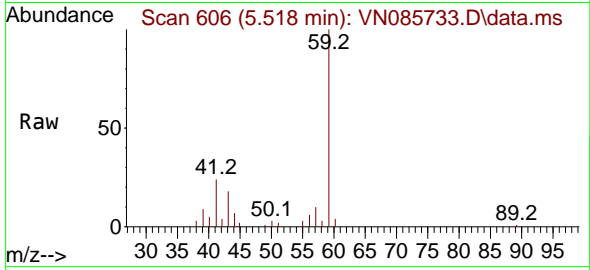
Tgt Ion:142 Resp: 74089  
 Ion Ratio Lower Upper  
 142 100  
 127 45.8 40.3 60.5  
 141 12.9 12.8 19.2



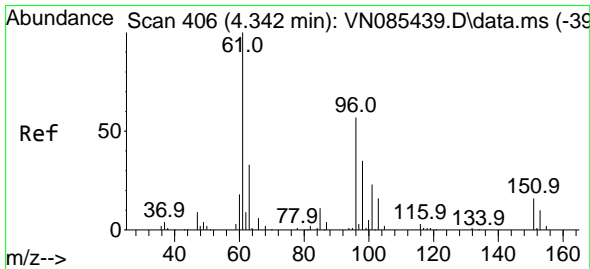
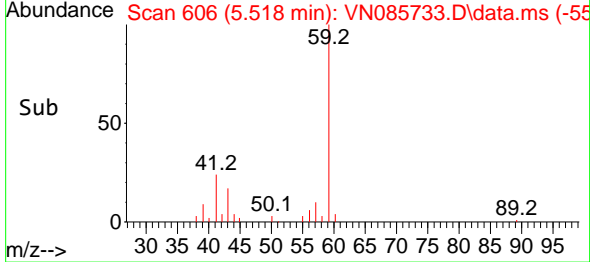
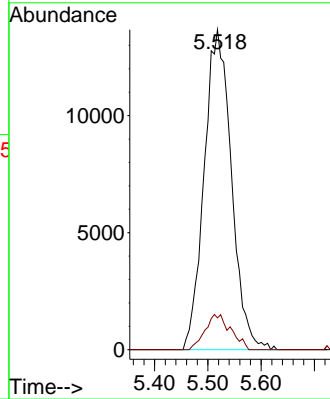


#11  
 Tert butyl alcohol  
 Concen: 113.525 ug/l  
 RT: 5.518 min Scan# 606  
 Delta R.T. 0.006 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

Instrument :  
 MSVOA\_N  
 ClientSampleId :

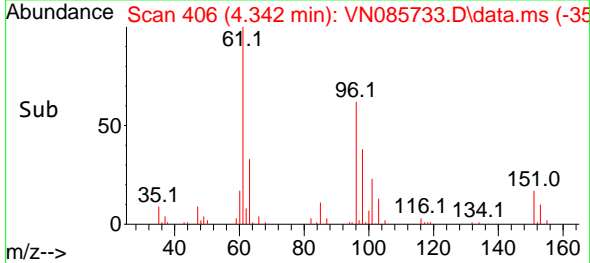
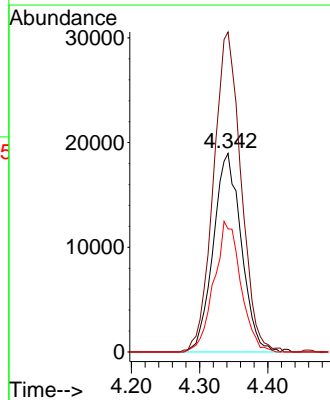
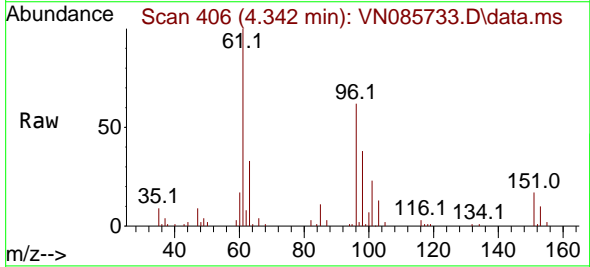


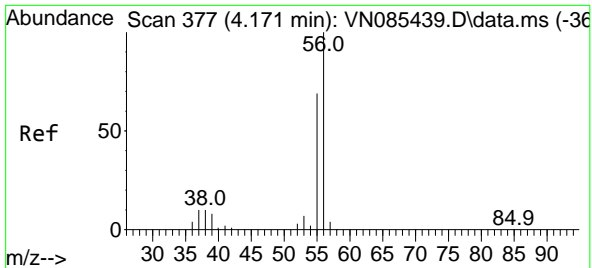
Tgt Ion: 59 Resp: 48502  
 Ion Ratio Lower Upper  
 59 100  
 57 10.4 8.6 13.0



#12  
 1,1-Dichloroethene  
 Concen: 21.844 ug/l  
 RT: 4.342 min Scan# 406  
 Delta R.T. 0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

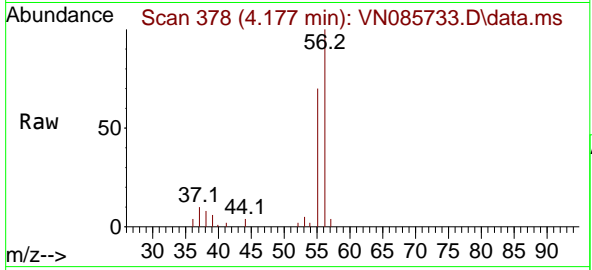
Tgt Ion: 96 Resp: 54189  
 Ion Ratio Lower Upper  
 96 100  
 61 161.2 141.0 211.4  
 98 62.0 49.0 73.6



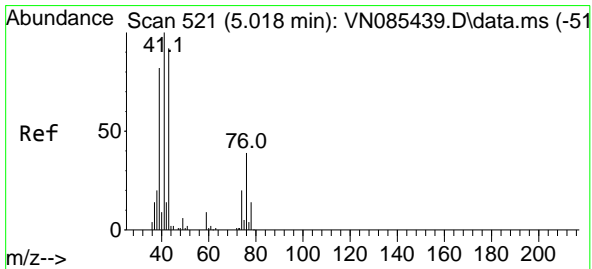
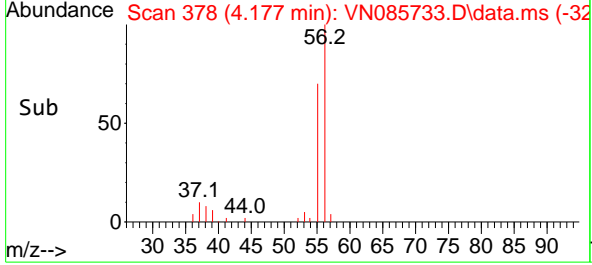
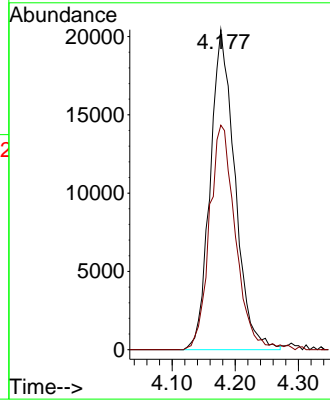


#13  
 Acrolein  
 Concen: 95.236 ug/l  
 RT: 4.177 min Scan# 31  
 Delta R.T. 0.006 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

Instrument :  
 MSVOA\_N  
 ClientSampleId :

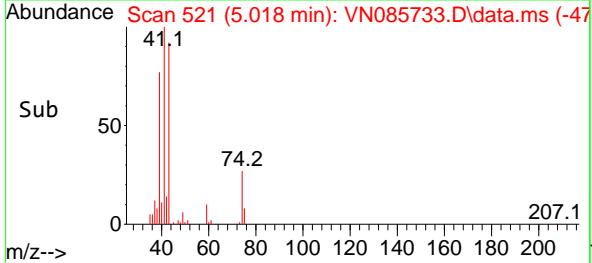
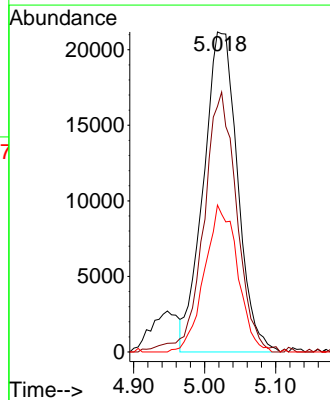
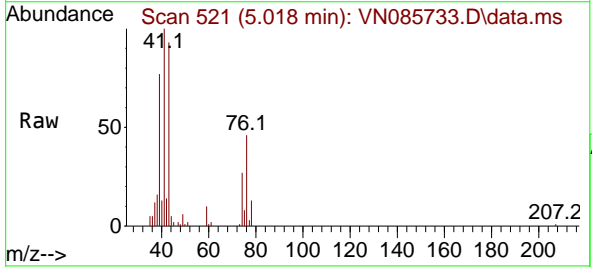


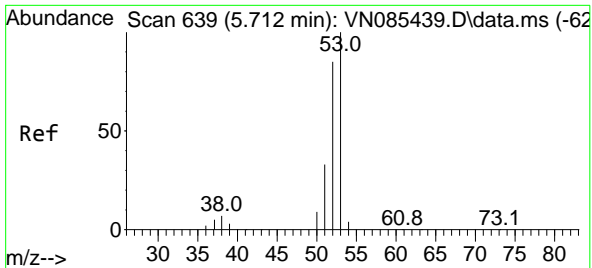
Tgt Ion: 56 Resp: 55543  
 Ion Ratio Lower Upper  
 56 100  
 55 73.9 56.3 84.5



#14  
 Allyl chloride  
 Concen: 17.584 ug/l  
 RT: 5.018 min Scan# 521  
 Delta R.T. 0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

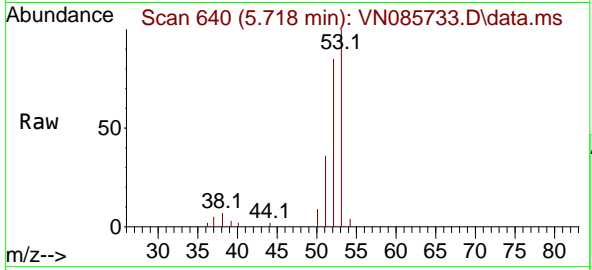
Tgt Ion: 41 Resp: 70783  
 Ion Ratio Lower Upper  
 41 100  
 39 78.4 64.4 96.6  
 76 44.4 30.5 45.7





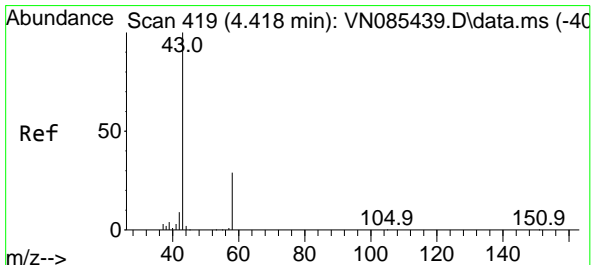
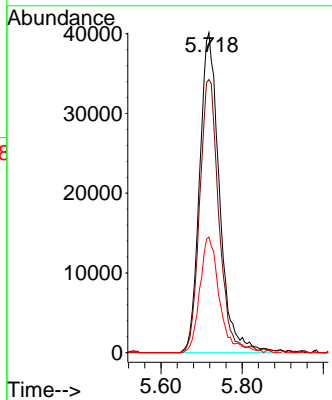
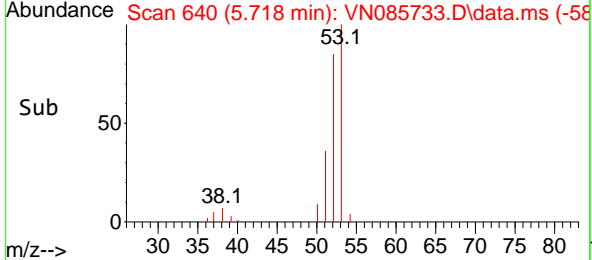
#15  
 Acrylonitrile  
 Concen: 100.496 ug/l  
 RT: 5.718 min Scan# 64  
 Delta R.T. 0.006 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

Instrument : MSVOA\_N  
 ClientSampleId :

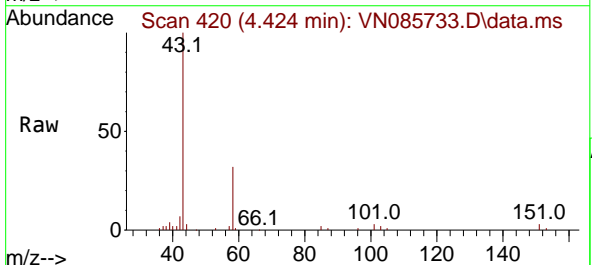


Tgt Ion: 53 Resp: 136377

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 81.7  | 65.5  | 98.3  |
| 51  | 36.0  | 29.8  | 44.8  |

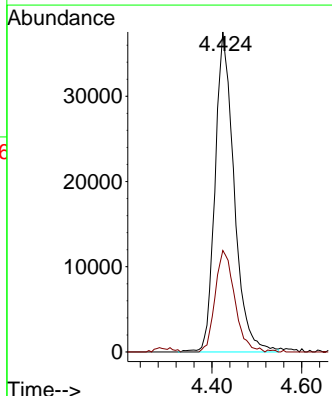
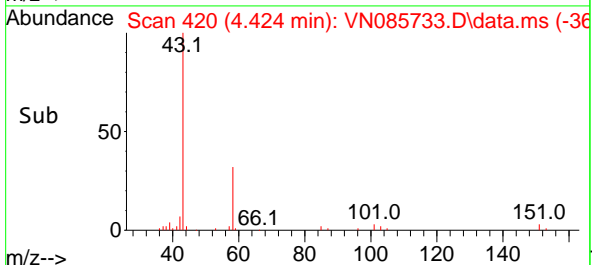


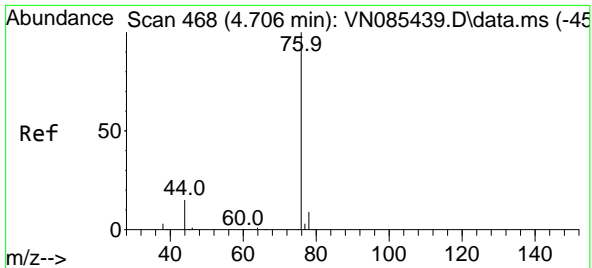
#16  
 Acetone  
 Concen: 91.915 ug/l  
 RT: 4.424 min Scan# 420  
 Delta R.T. 0.006 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59



Tgt Ion: 43 Resp: 110809

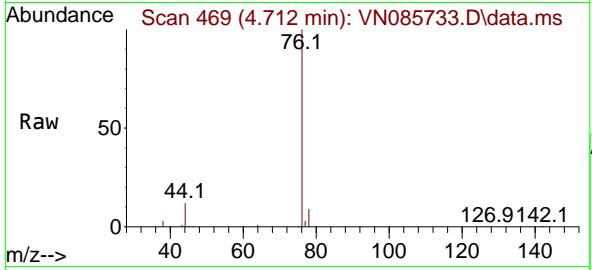
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 31.7  | 23.8  | 35.6  |



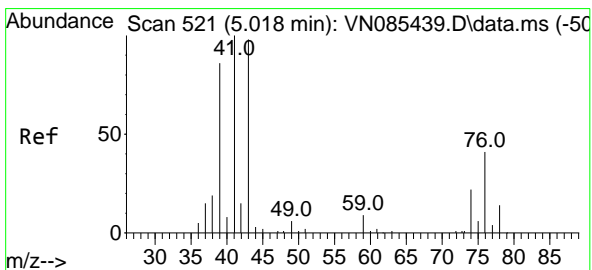
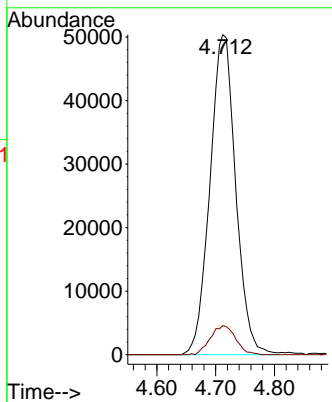
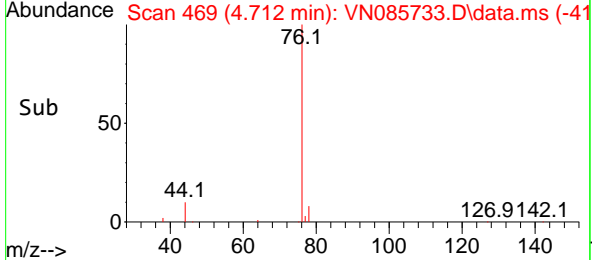


#17  
 Carbon Disulfide  
 Concen: 20.082 ug/l  
 RT: 4.712 min Scan# 4  
 Delta R.T. 0.006 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

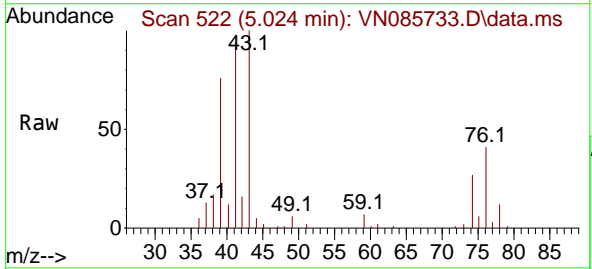
Instrument :  
 MSVOA\_N  
 ClientSampleId :



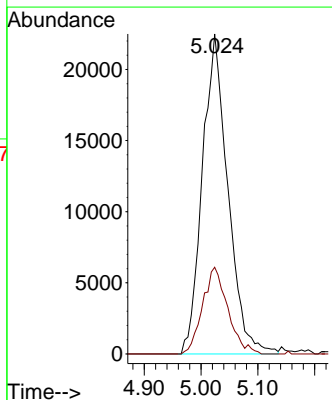
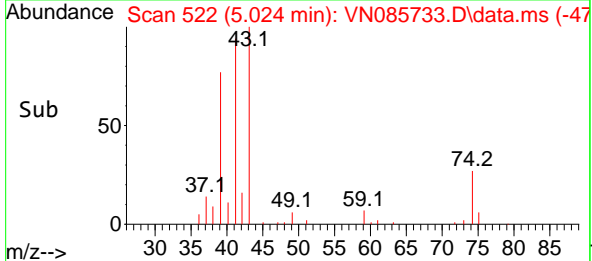
Tgt Ion: 76 Resp: 153388  
 Ion Ratio Lower Upper  
 76 100  
 78 9.1 6.9 10.3

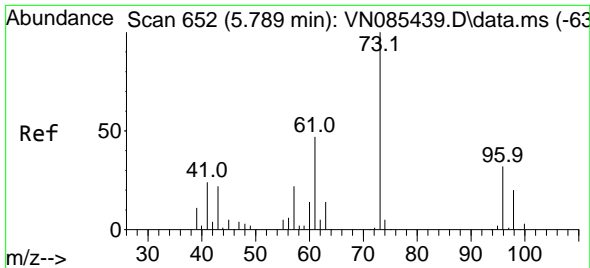


#18  
 Methyl Acetate  
 Concen: 19.179 ug/l  
 RT: 5.024 min Scan# 522  
 Delta R.T. 0.006 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59



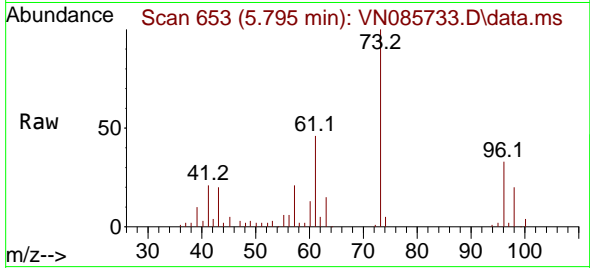
Tgt Ion: 43 Resp: 70306  
 Ion Ratio Lower Upper  
 43 100  
 74 26.8 18.6 28.0



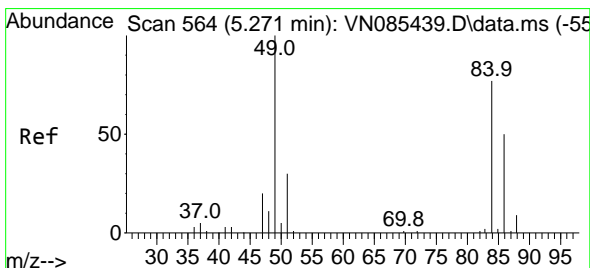
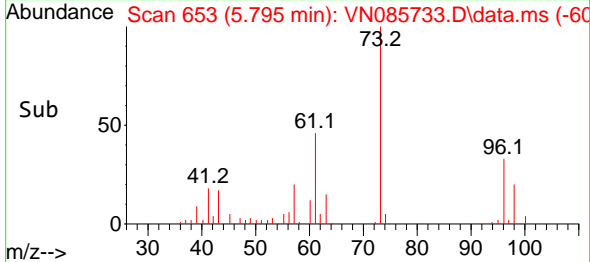
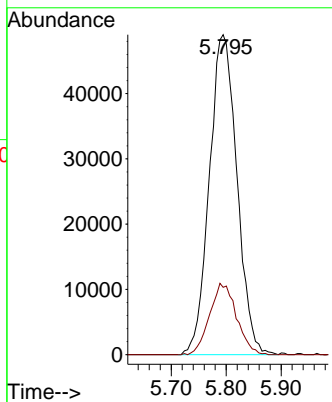


#19  
 Methyl tert-butyl Ether  
 Concen: 21.245 ug/l  
 RT: 5.795 min Scan# 61  
 Delta R.T. 0.006 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

Instrument :  
 MSVOA\_N  
 ClientSampleId :

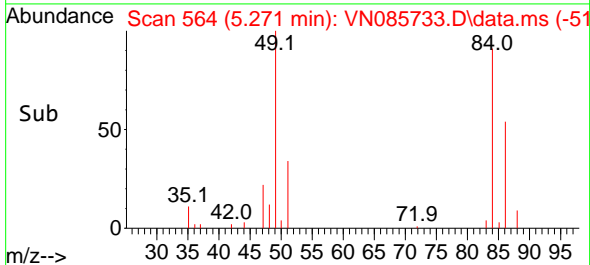
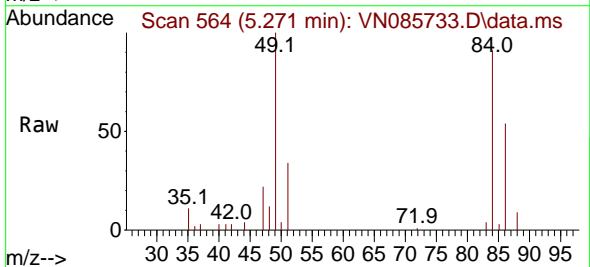
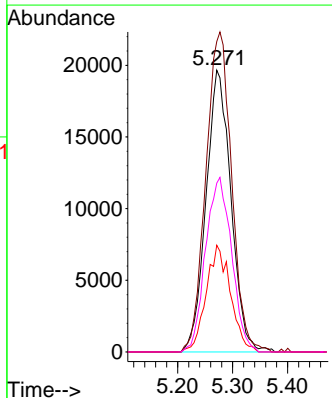


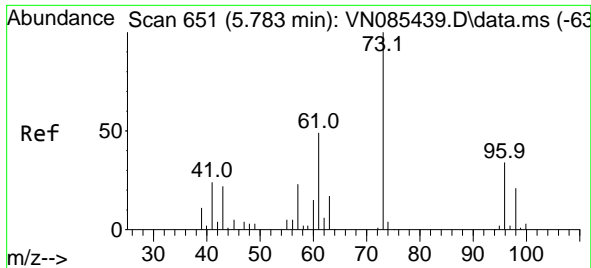
Tgt Ion: 73 Resp: 171132  
 Ion Ratio Lower Upper  
 73 100  
 57 21.0 17.8 26.8



#20  
 Methylene Chloride  
 Concen: 20.808 ug/l  
 RT: 5.271 min Scan# 564  
 Delta R.T. 0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

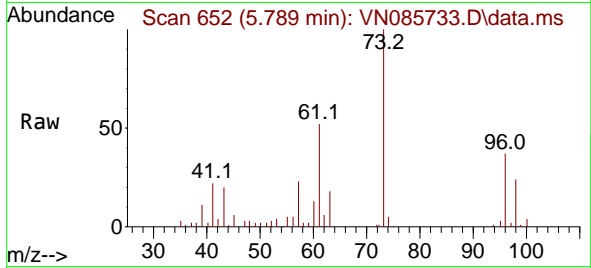
Tgt Ion: 84 Resp: 62100  
 Ion Ratio Lower Upper  
 84 100  
 49 110.2 104.1 156.1  
 51 37.9 31.0 46.4  
 86 59.9 51.9 77.9



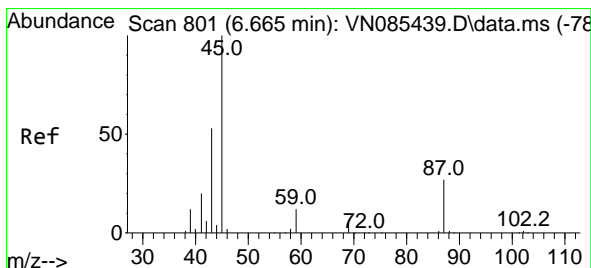
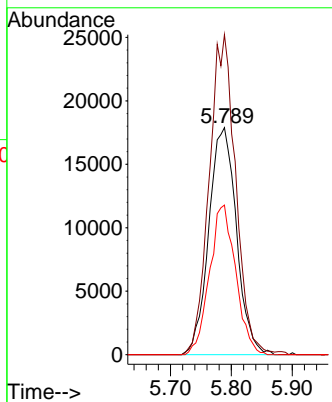
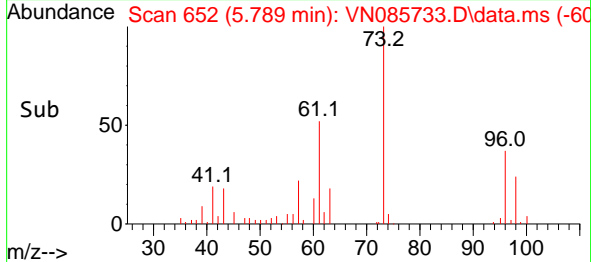


#21  
 trans-1,2-Dichloroethene  
 Concen: 21.315 ug/l  
 RT: 5.789 min Scan# 61  
 Delta R.T. 0.006 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

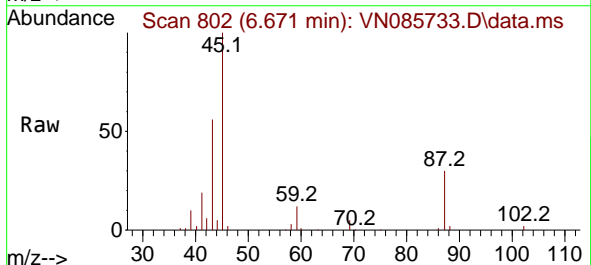
Instrument :  
 MSVOA\_N  
 ClientSampleId :



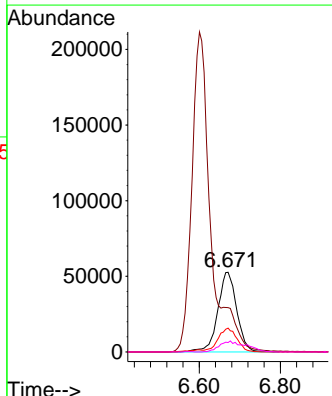
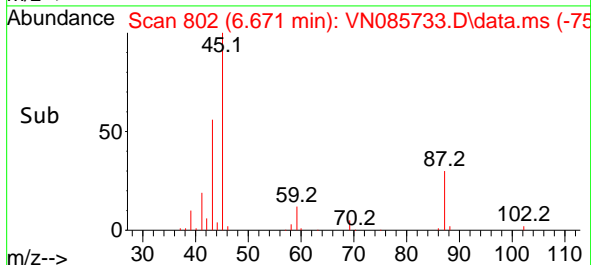
Tgt Ion: 96 Resp: 56508  
 Ion Ratio Lower Upper  
 96 100  
 61 141.0 115.7 173.5  
 98 65.9 49.8 74.8

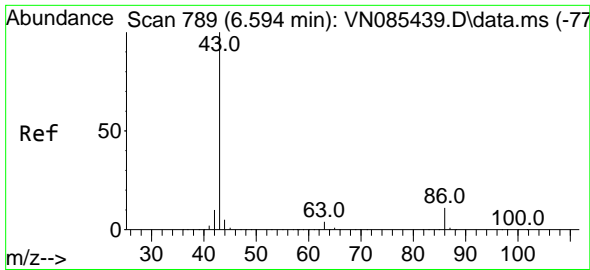


#22  
 Diisopropyl ether  
 Concen: 19.166 ug/l  
 RT: 6.671 min Scan# 802  
 Delta R.T. 0.006 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59



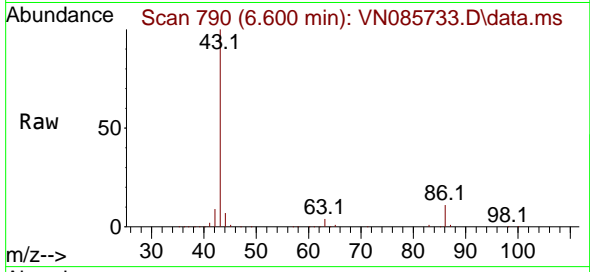
Tgt Ion: 45 Resp: 171243  
 Ion Ratio Lower Upper  
 45 100  
 43 54.6 45.0 67.6  
 87 29.9 21.8 32.8  
 59 11.9 10.2 15.2



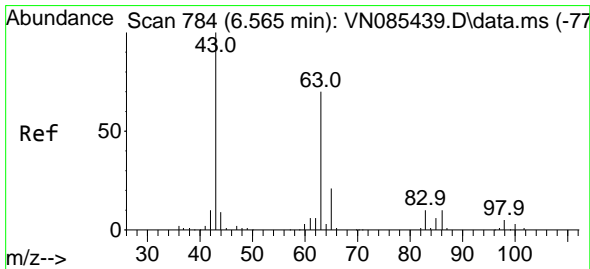
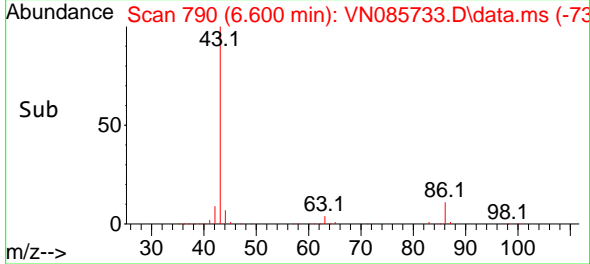
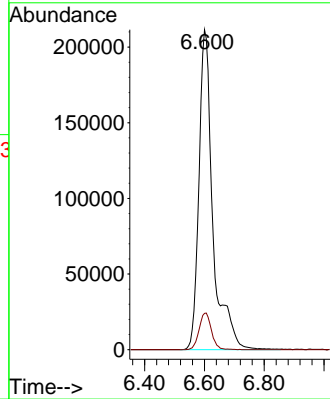


#23  
 Vinyl Acetate  
 Concen: 109.397 ug/l  
 RT: 6.600 min Scan# 790  
 Delta R.T. 0.006 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

Instrument :  
 MSVOA\_N  
 ClientSampleId :

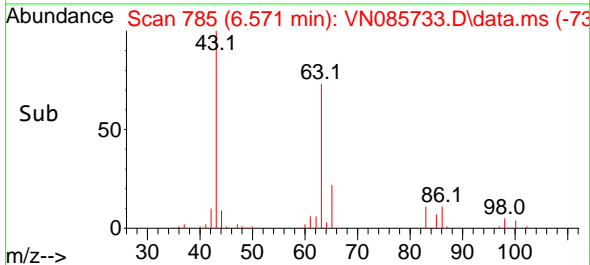
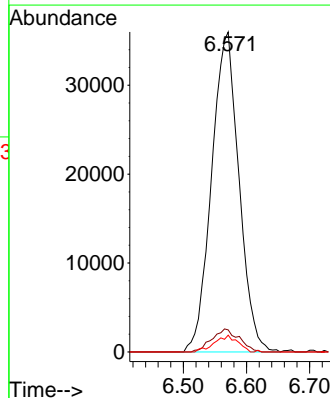
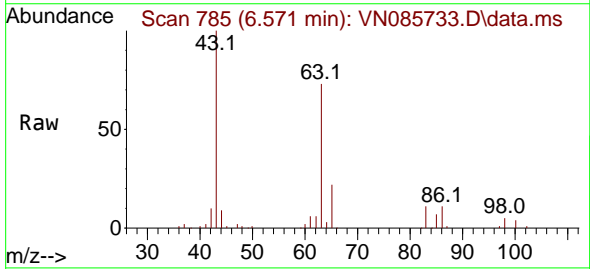


Tgt Ion: 43 Resp: 684025  
 Ion Ratio Lower Upper  
 43 100  
 86 11.4 8.4 12.6

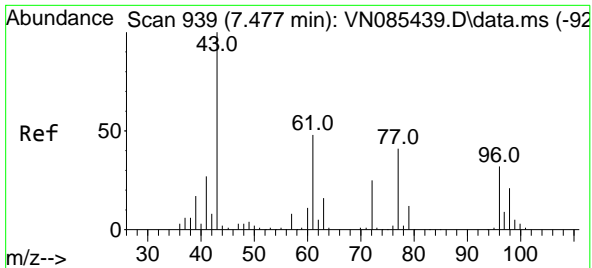


#24  
 1,1-Dichloroethane  
 Concen: 19.917 ug/l  
 RT: 6.571 min Scan# 785  
 Delta R.T. 0.006 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

Tgt Ion: 63 Resp: 108507  
 Ion Ratio Lower Upper  
 63 100  
 98 6.9 3.3 9.8  
 100 5.3 2.0 6.0



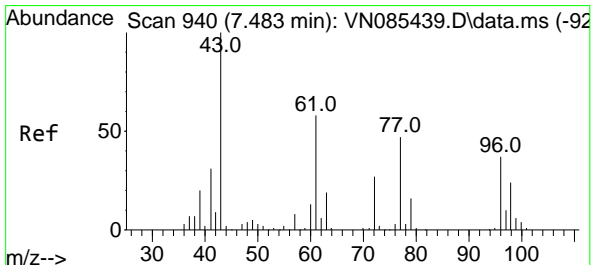
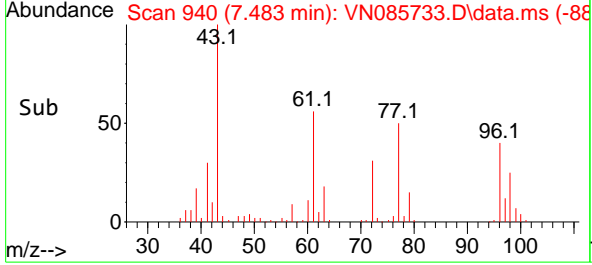
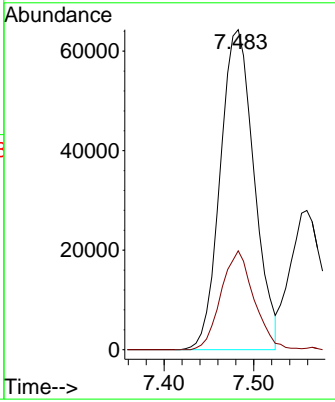
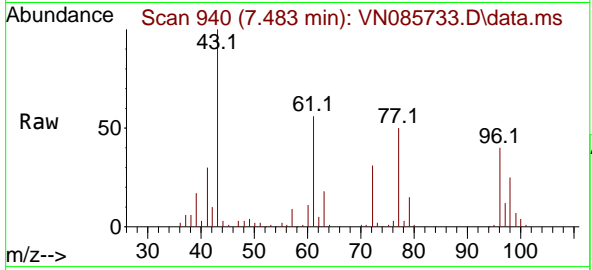




#25  
 2-Butanone  
 Concen: 95.157 ug/l  
 RT: 7.483 min Scan# 940  
 Delta R.T. 0.006 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

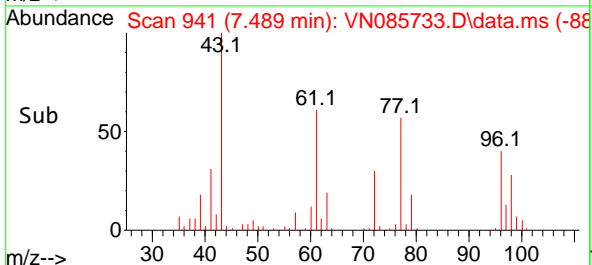
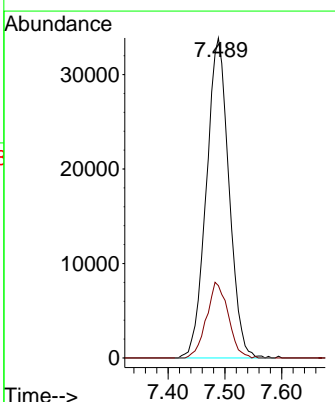
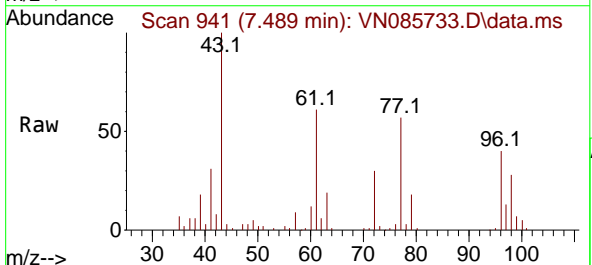
Instrument : MSVOA\_N  
 ClientSampleId :

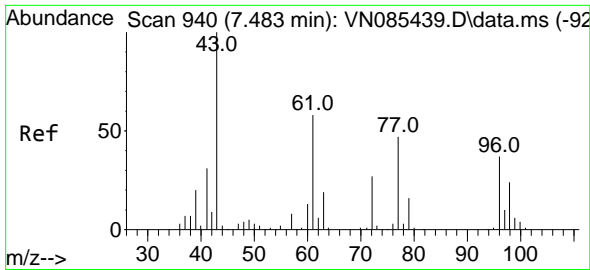
Tgt Ion: 43 Resp: 168816  
 Ion Ratio Lower Upper  
 43 100  
 72 30.9 20.2 30.4#



#26  
 2,2-Dichloropropane  
 Concen: 21.226 ug/l  
 RT: 7.489 min Scan# 941  
 Delta R.T. 0.006 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

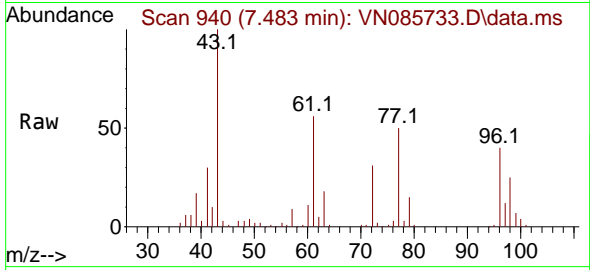
Tgt Ion: 77 Resp: 93490  
 Ion Ratio Lower Upper  
 77 100  
 97 22.8 10.7 32.1





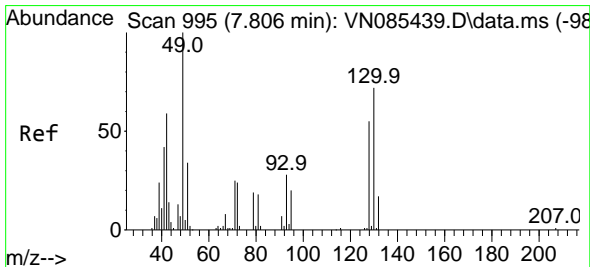
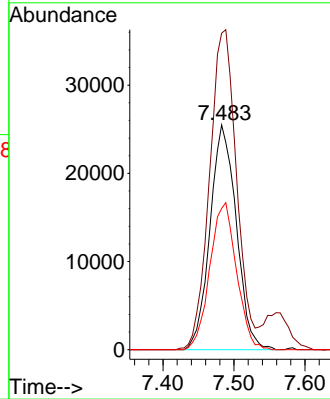
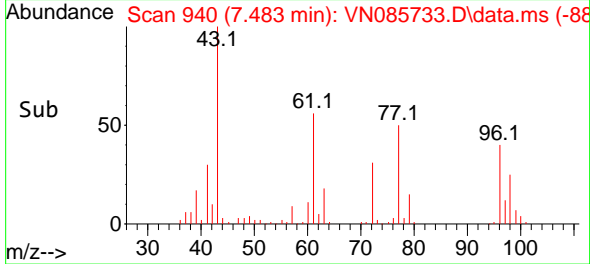
#27  
 cis-1,2-Dichloroethene  
 Concen: 20.999 ug/l  
 RT: 7.483 min Scan# 940  
 Delta R.T. 0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

Instrument :  
 MSVOA\_N  
 ClientSampleId :

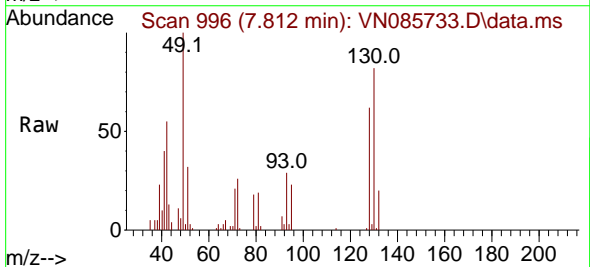


Tgt Ion: 96 Resp: 65572

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 145.6 | 0.0   | 311.8 |
| 98  | 66.3  | 0.0   | 126.0 |

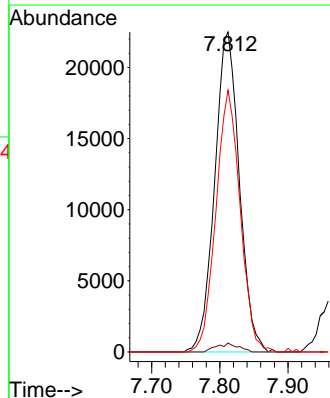
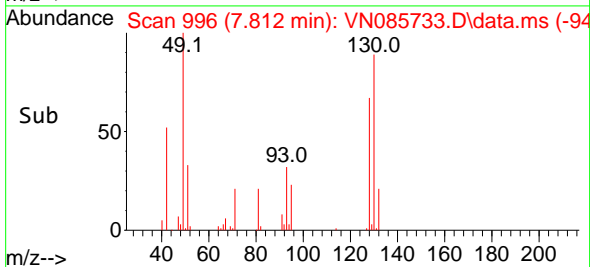


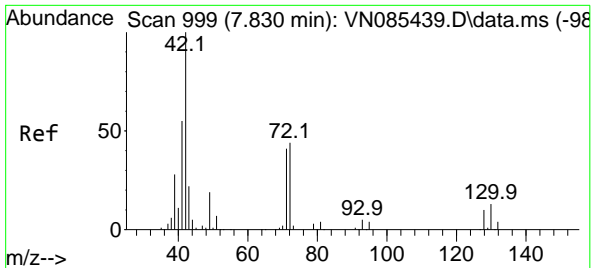
#28  
 Bromochloromethane  
 Concen: 22.375 ug/l  
 RT: 7.812 min Scan# 996  
 Delta R.T. 0.006 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59



Tgt Ion: 49 Resp: 56710

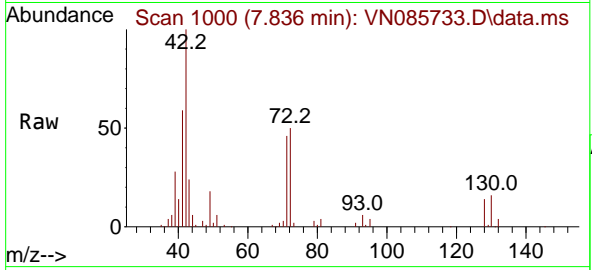
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 2.4   | 0.0   | 4.4   |
| 130 | 80.3  | 55.0  | 82.4  |



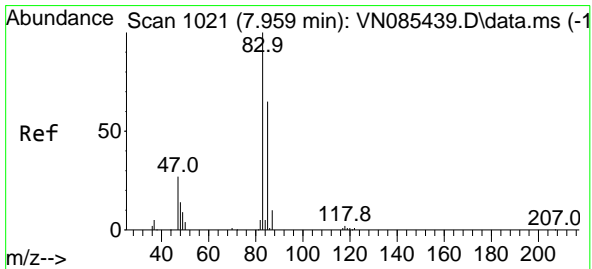
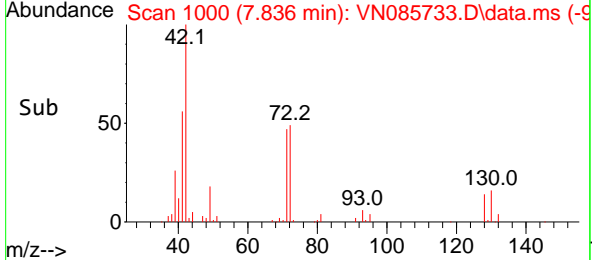
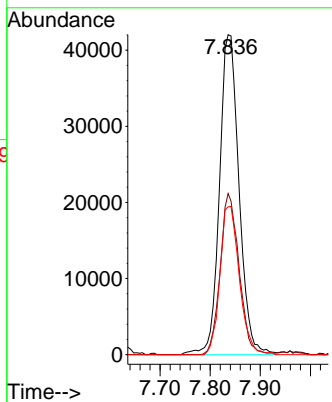


#29  
 Tetrahydrofuran  
 Concen: 101.411 ug/l  
 RT: 7.836 min Scan# 1000  
 Delta R.T. 0.006 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

Instrument : MSVOA\_N  
 ClientSampleId :

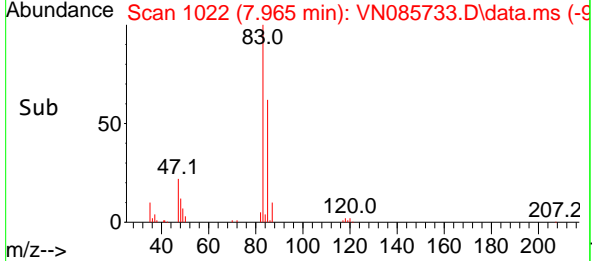
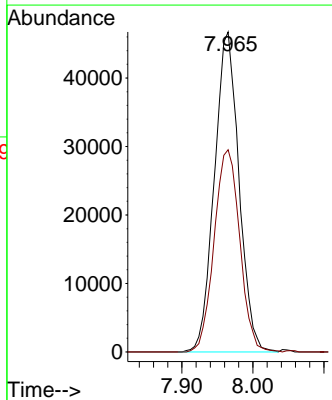
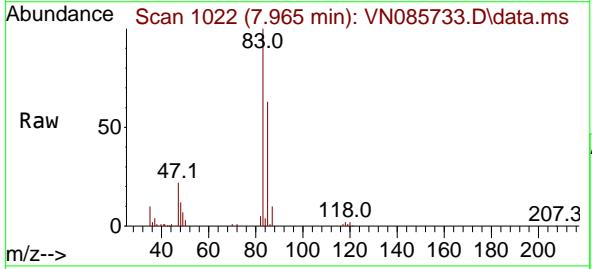


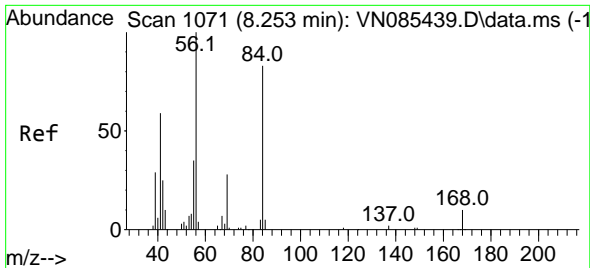
| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 42      | 114064 |       |       |
| 42      | 100    |       |       |
| 72      | 48.5   | 34.2  | 51.2  |
| 71      | 45.8   | 32.5  | 48.7  |



#30  
 Chloroform  
 Concen: 19.931 ug/l  
 RT: 7.965 min Scan# 1022  
 Delta R.T. 0.006 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

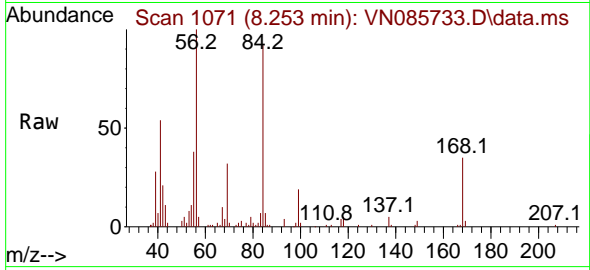
| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 83      | 112224 |       |       |
| 83      | 100    |       |       |
| 85      | 63.2   | 51.8  | 77.6  |





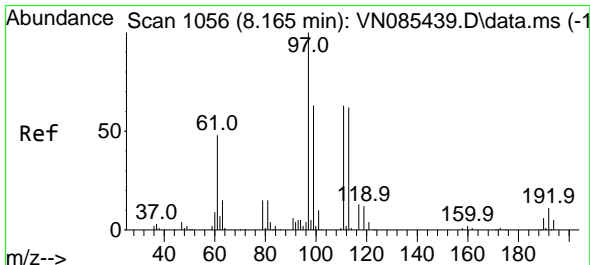
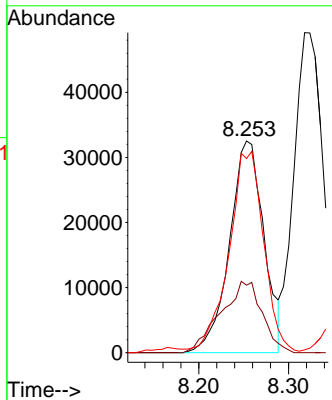
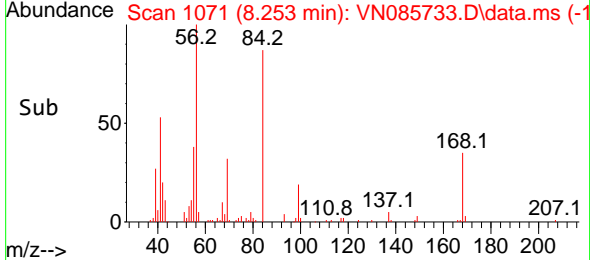
#31  
 Cyclohexane  
 Concen: 18.291 ug/l  
 RT: 8.253 min Scan# 1071  
 Delta R.T. 0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

Instrument : MSVOA\_N  
 ClientSampleId :

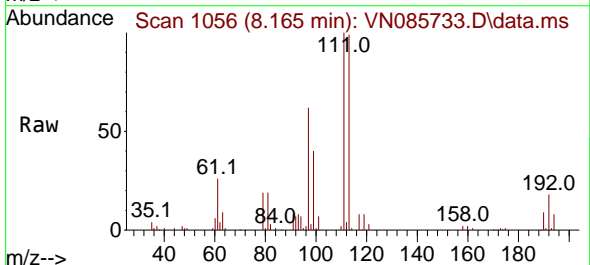


Tgt Ion: 56 Resp: 86612

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 31.9  | 22.2  | 33.4  |
| 84  | 90.0  | 66.4  | 99.6  |

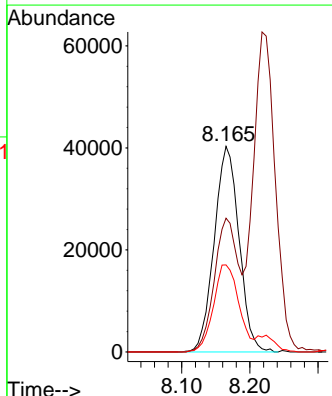
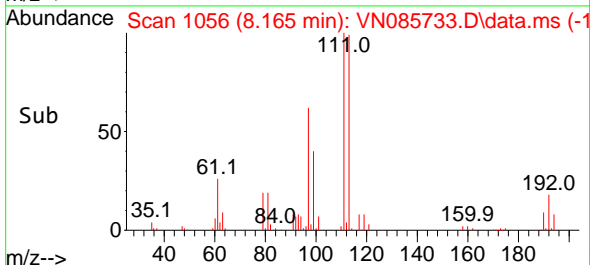


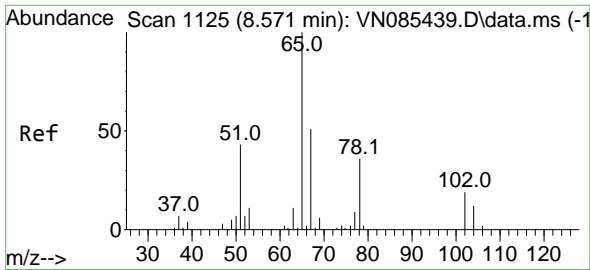
#32  
 1,1,1-Trichloroethane  
 Concen: 20.667 ug/l  
 RT: 8.165 min Scan# 1056  
 Delta R.T. 0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59



Tgt Ion: 97 Resp: 102075

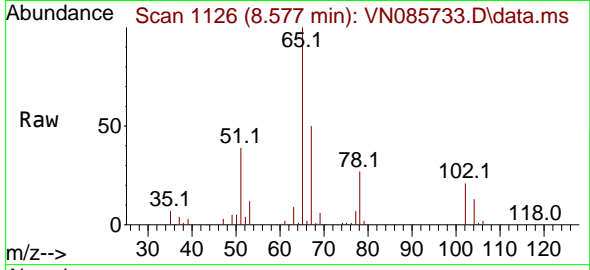
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 62.5  | 49.8  | 74.6  |
| 61  | 43.8  | 41.4  | 62.2  |



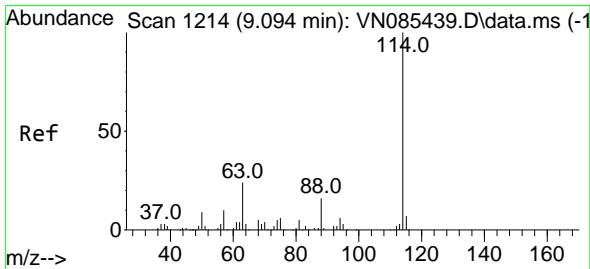
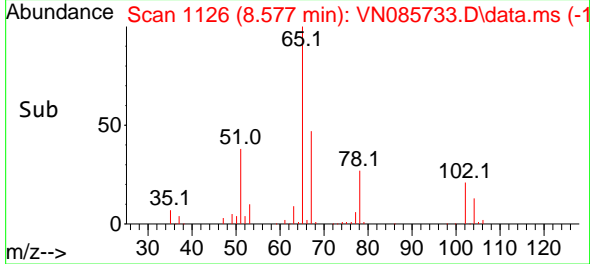
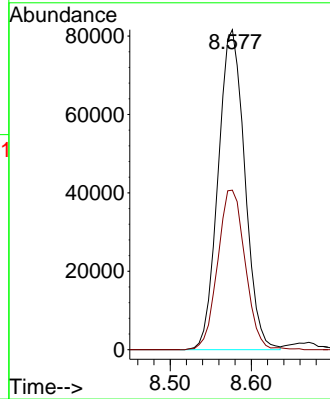


#33  
 1,2-Dichloroethane-d4  
 Concen: 49.870 ug/l  
 RT: 8.577 min Scan# 1126  
 Delta R.T. 0.006 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

Instrument :  
 MSVOA\_N  
 ClientSampleId :

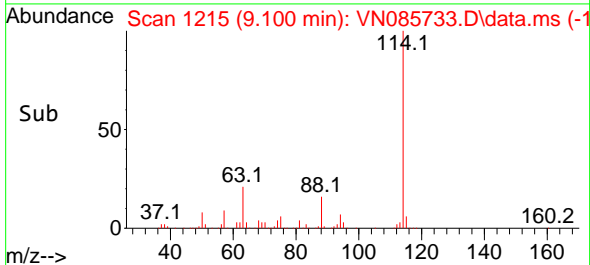
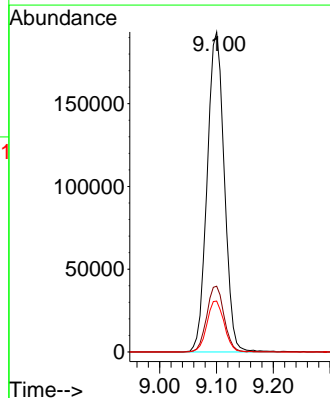
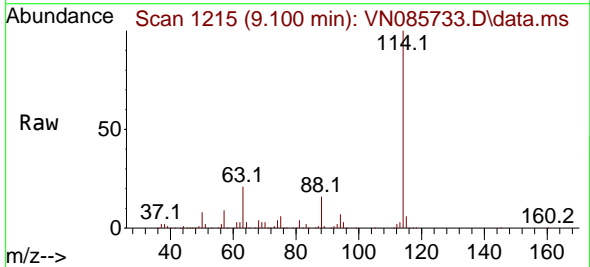


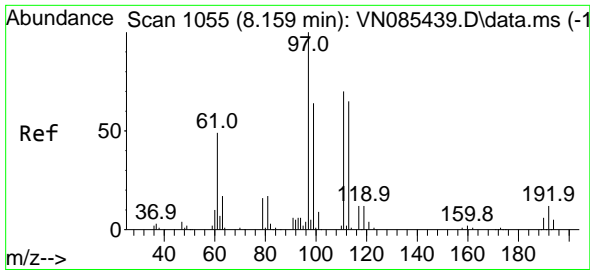
Tgt Ion: 65 Resp: 186071  
 Ion Ratio Lower Upper  
 65 100  
 67 51.5 0.0 101.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 9.100 min Scan# 1215  
 Delta R.T. 0.006 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

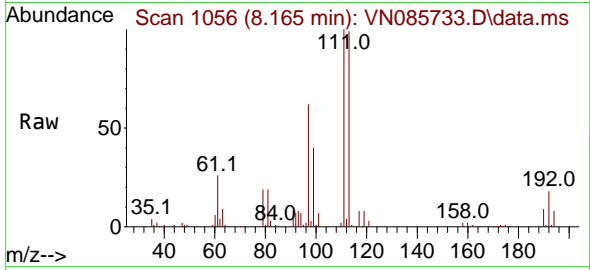
Tgt Ion: 114 Resp: 403589  
 Ion Ratio Lower Upper  
 114 100  
 63 20.5 0.0 47.6  
 88 15.9 0.0 32.6



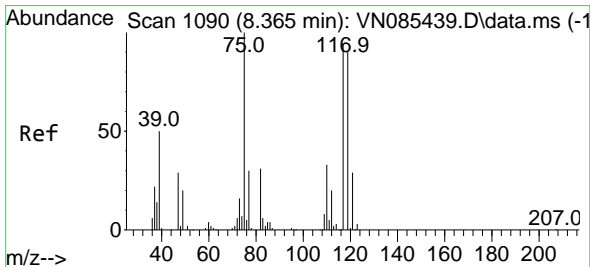
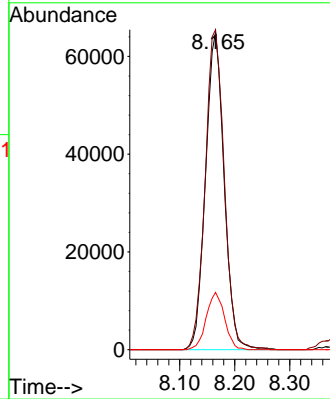
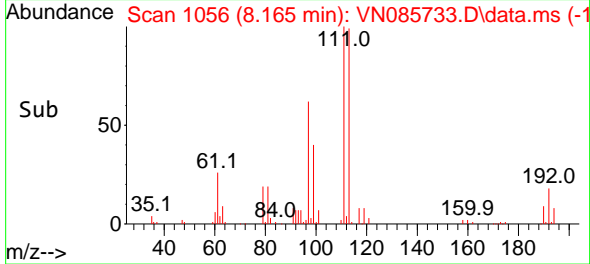


#35  
 Dibromofluoromethane  
 Concen: 54.433 ug/l  
 RT: 8.165 min Scan# 1056  
 Delta R.T. 0.006 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

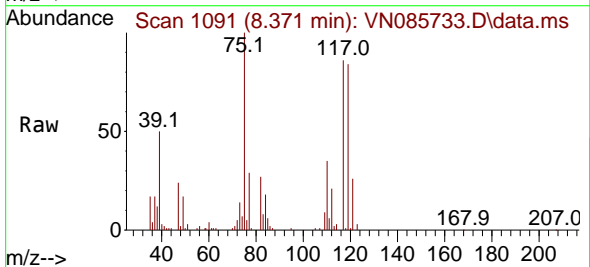
Instrument : MSVOA\_N  
 ClientSampleId :



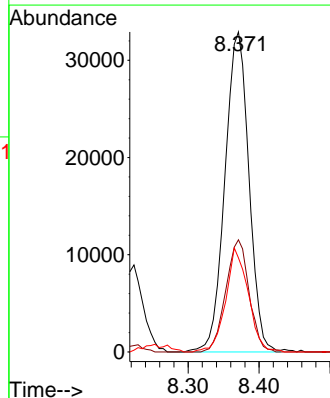
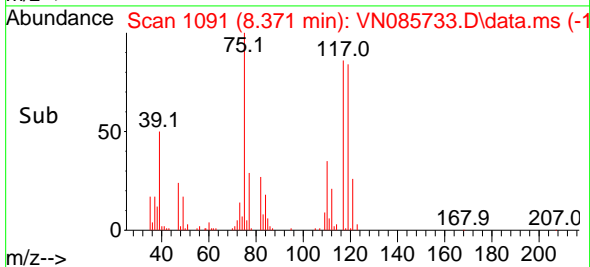
Tgt Ion:113 Resp: 152408  
 Ion Ratio Lower Upper  
 113 100  
 111 103.5 82.7 124.1  
 192 17.8 14.3 21.5

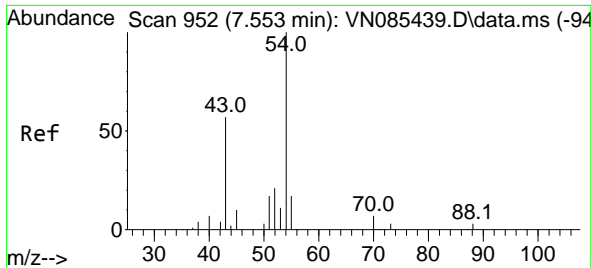


#36  
 1,1-Dichloropropene  
 Concen: 19.661 ug/l  
 RT: 8.371 min Scan# 1091  
 Delta R.T. 0.006 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59



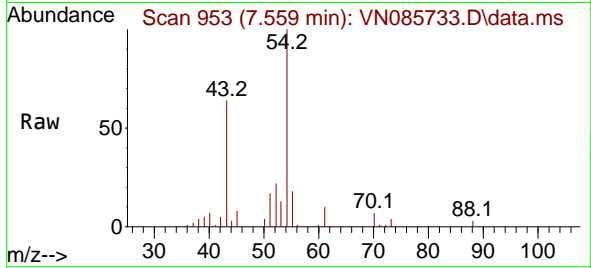
Tgt Ion: 75 Resp: 77259  
 Ion Ratio Lower Upper  
 75 100  
 110 33.9 16.5 49.5  
 77 30.6 24.4 36.6





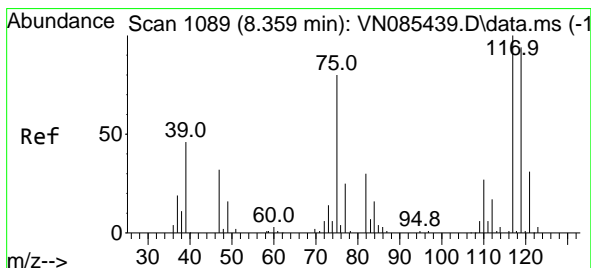
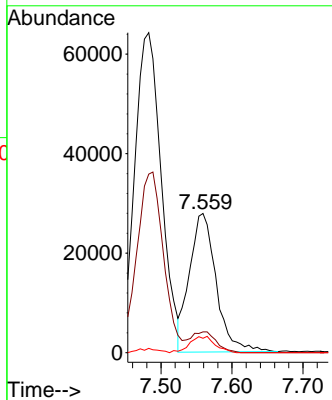
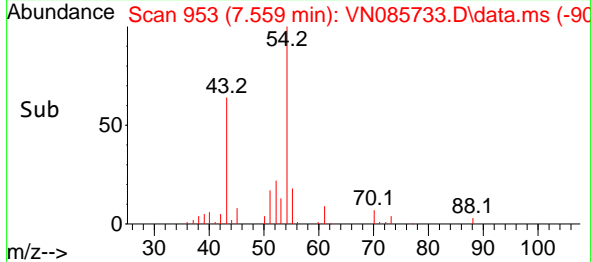
#37  
 Ethyl Acetate  
 Concen: 18.404 ug/l  
 RT: 7.559 min Scan# 91  
 Delta R.T. 0.006 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

Instrument :  
 MSVOA\_N  
 ClientSampleId :

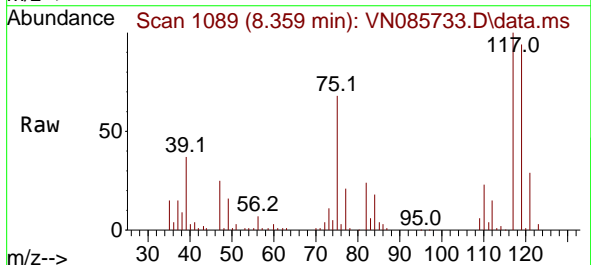


Tgt Ion: 43 Resp: 72999

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 13.7  | 10.9  | 16.3  |
| 70  | 11.0  | 7.5   | 11.3  |

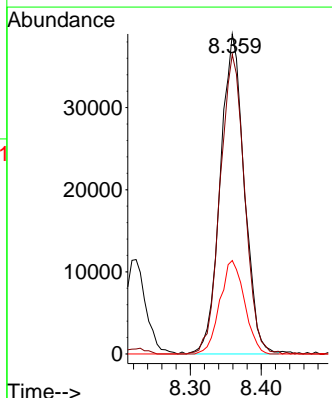
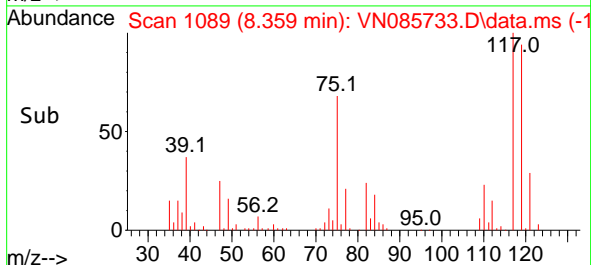


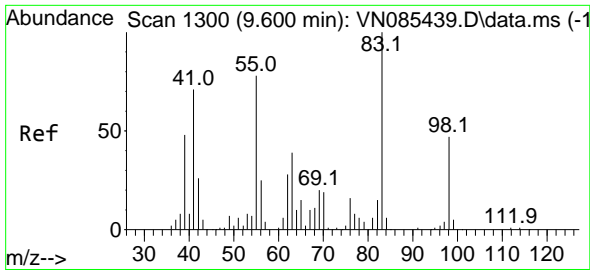
#38  
 Carbon Tetrachloride  
 Concen: 20.274 ug/l  
 RT: 8.359 min Scan# 1089  
 Delta R.T. 0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59



Tgt Ion: 117 Resp: 91209

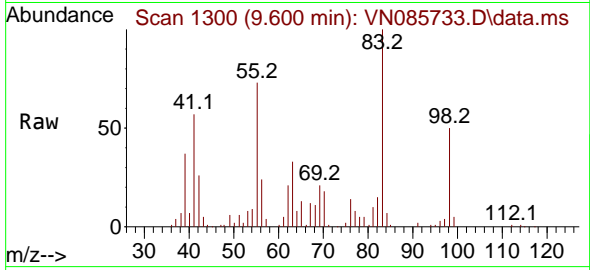
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 93.5  | 75.4  | 113.2 |
| 121 | 29.2  | 24.6  | 37.0  |



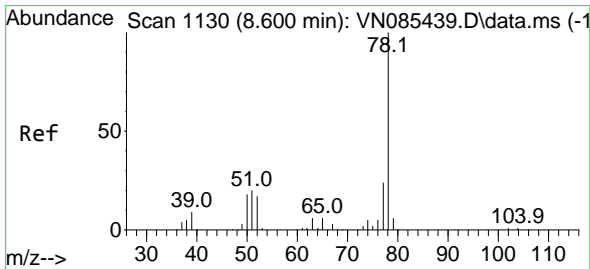
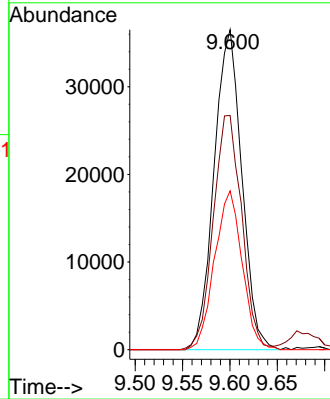
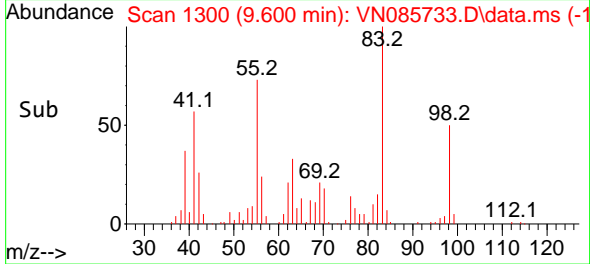


#39  
 Methylcyclohexane  
 Concen: 20.126 ug/l  
 RT: 9.600 min Scan# 1111  
 Delta R.T. 0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

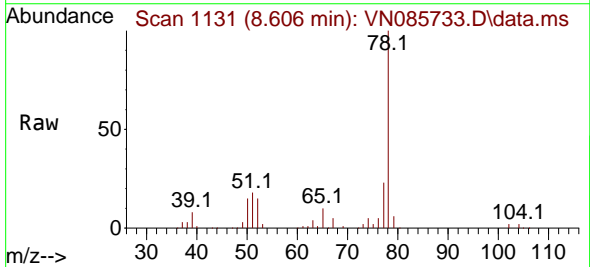
Instrument :  
 MSVOA\_N  
 ClientSampleId :



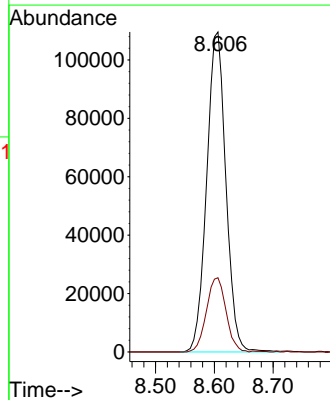
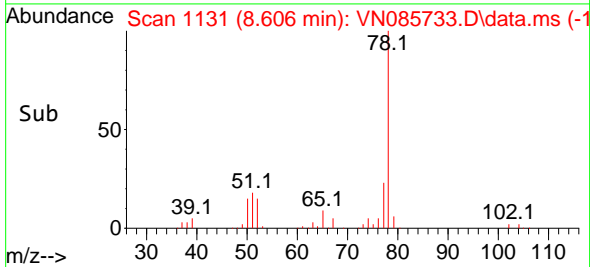
Tgt Ion: 83 Resp: 74319  
 Ion Ratio Lower Upper  
 83 100  
 55 73.2 62.6 94.0  
 98 49.7 37.7 56.5



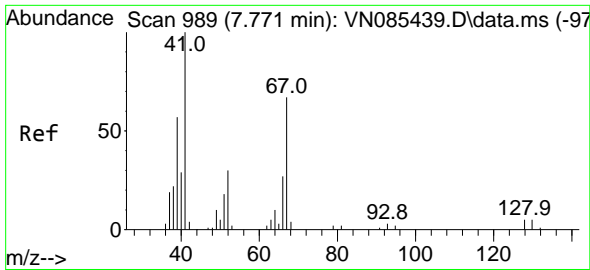
#40  
 Benzene  
 Concen: 21.055 ug/l  
 RT: 8.606 min Scan# 1131  
 Delta R.T. 0.006 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59



Tgt Ion: 78 Resp: 248602  
 Ion Ratio Lower Upper  
 78 100  
 77 23.2 19.0 28.6

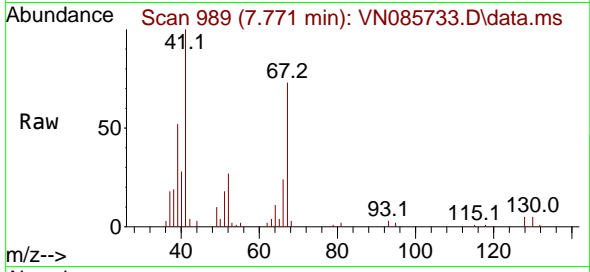






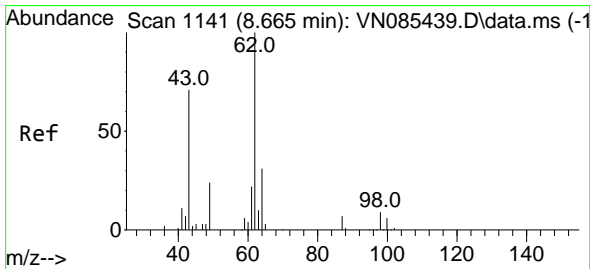
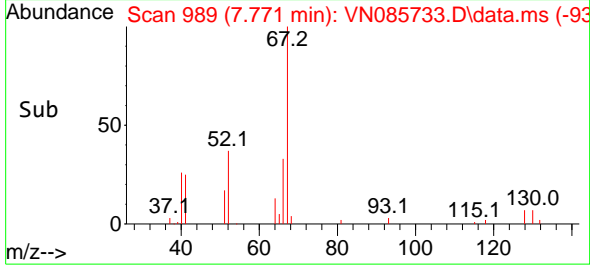
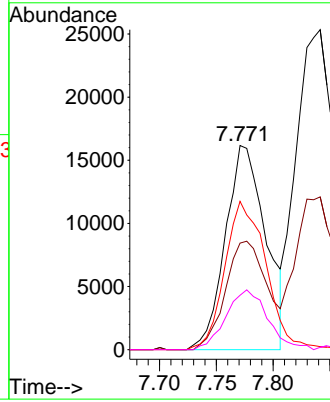
#41  
 Methacrylonitrile  
 Concen: 19.381 ug/l  
 RT: 7.771 min Scan# 91  
 Delta R.T. 0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

Instrument :  
 MSVOA\_N  
 ClientSampleId :



Tgt Ion: 41 Resp: 39995

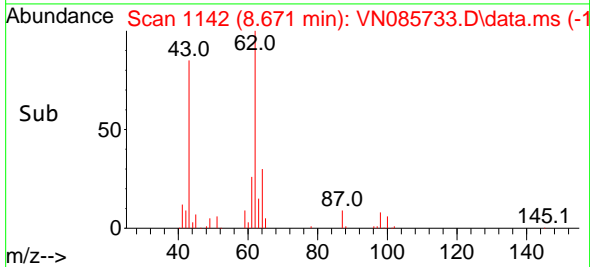
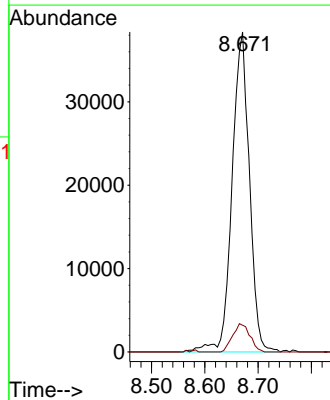
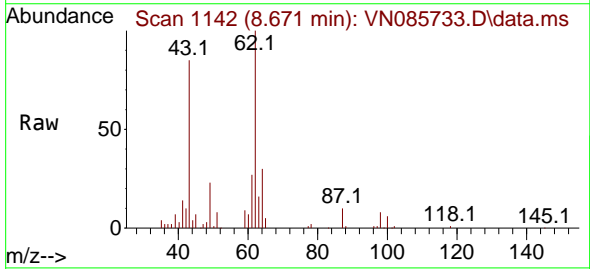
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 54.9  | 46.0  | 69.0  |
| 67  | 74.4  | 57.4  | 86.2  |
| 52  | 30.3  | 25.5  | 38.3  |

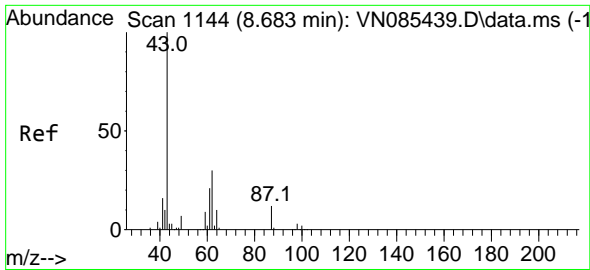


#42  
 1,2-Dichloroethane  
 Concen: 19.504 ug/l  
 RT: 8.671 min Scan# 1142  
 Delta R.T. 0.006 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

Tgt Ion: 62 Resp: 86733

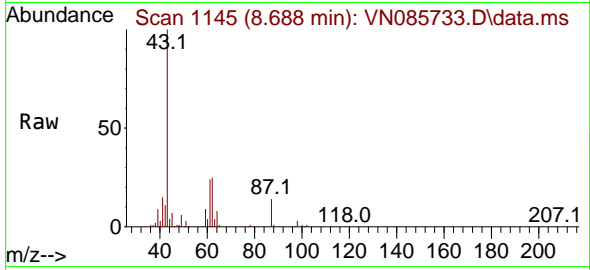
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.8   | 0.0   | 17.0  |



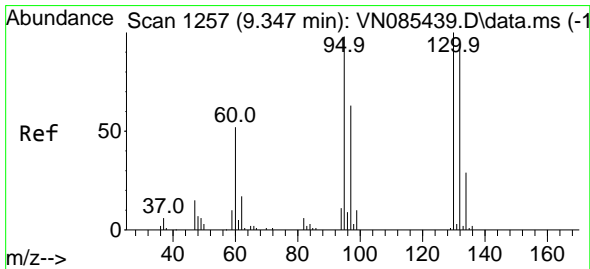
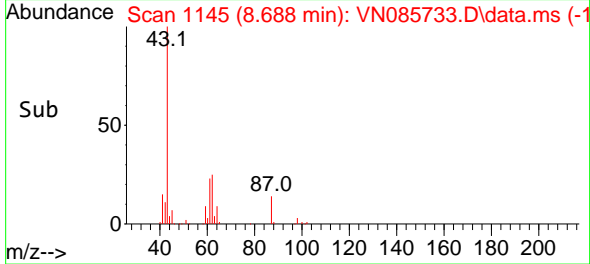
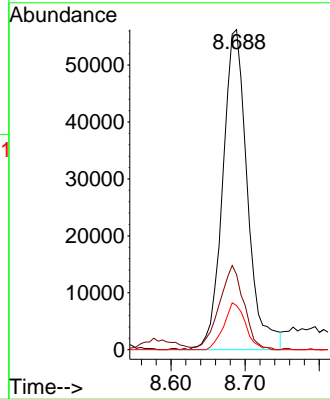


#43  
 Isopropyl Acetate  
 Concen: 20.477 ug/l  
 RT: 8.688 min Scan# 1144  
 Delta R.T. 0.006 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

Instrument :  
 MSVOA\_N  
 ClientSampleId :

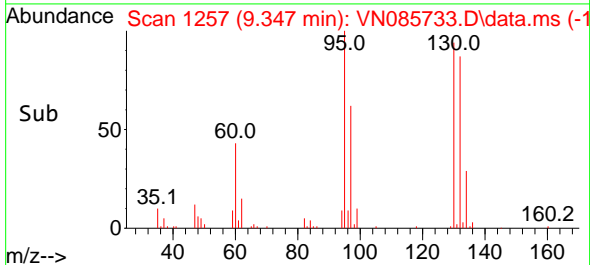
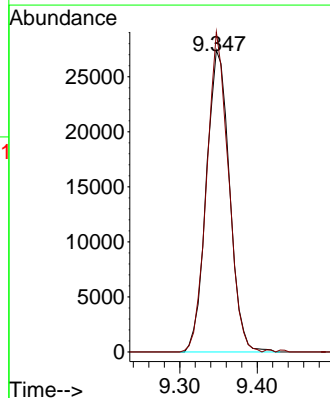
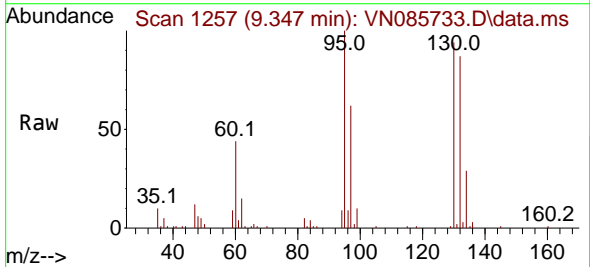


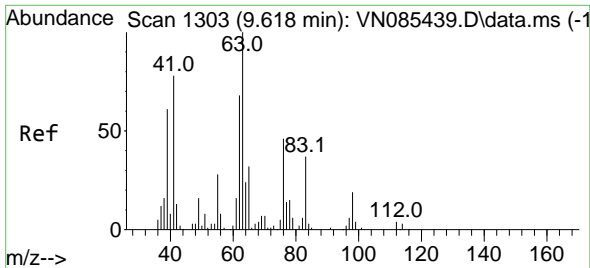
Tgt Ion: 43 Resp: 130144  
 Ion Ratio Lower Upper  
 43 100  
 61 26.3 20.7 31.1  
 87 12.8 9.8 14.8



#44  
 Trichloroethene  
 Concen: 20.802 ug/l  
 RT: 9.347 min Scan# 1257  
 Delta R.T. 0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

Tgt Ion:130 Resp: 57172  
 Ion Ratio Lower Upper  
 130 100  
 95 106.0 0.0 195.8

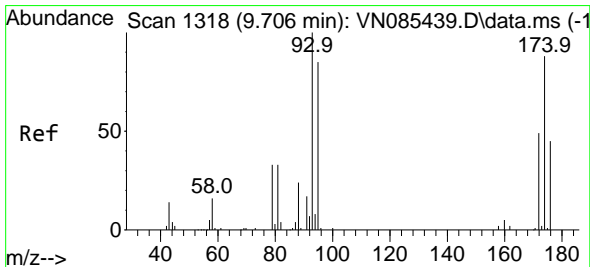
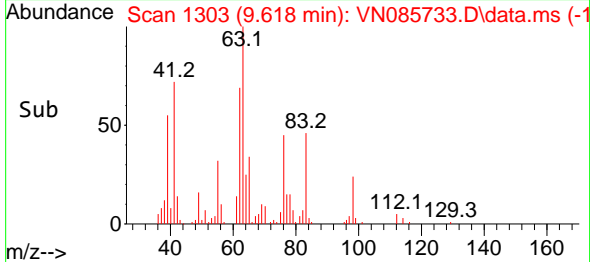
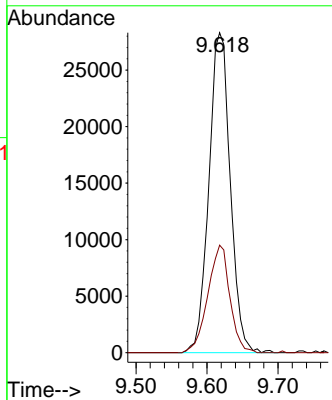
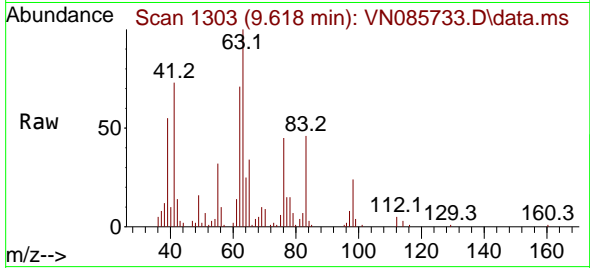




#45  
 1,2-Dichloropropane  
 Concen: 19.615 ug/l  
 RT: 9.618 min Scan# 1303  
 Delta R.T. 0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

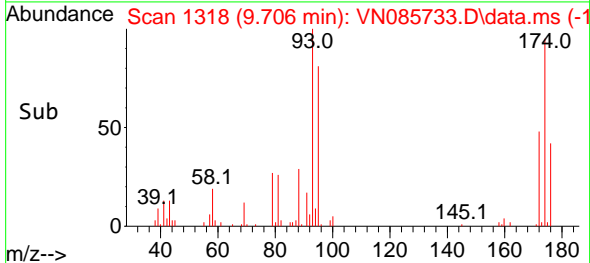
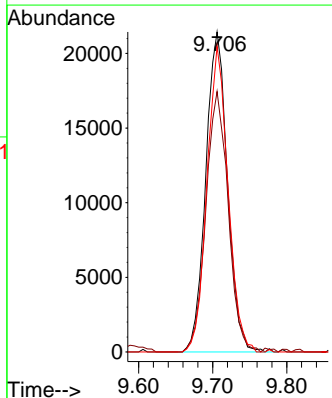
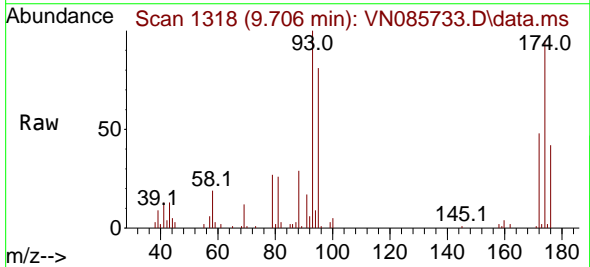
Instrument :  
 MSVOA\_N  
 ClientSampleId :

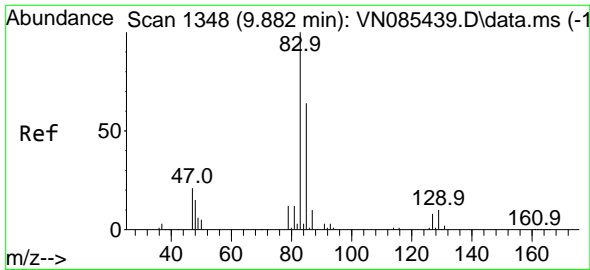
Tgt Ion: 63 Resp: 59156  
 Ion Ratio Lower Upper  
 63 100  
 65 33.6 25.6 38.4



#46  
 Dibromomethane  
 Concen: 20.094 ug/l  
 RT: 9.706 min Scan# 1318  
 Delta R.T. 0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

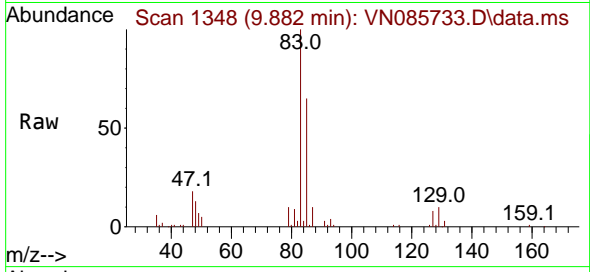
Tgt Ion: 93 Resp: 43727  
 Ion Ratio Lower Upper  
 93 100  
 95 83.3 64.7 97.1  
 174 92.8 69.0 103.4



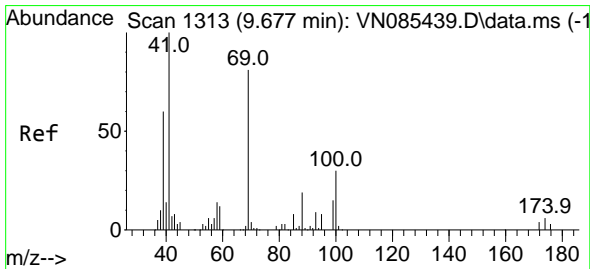
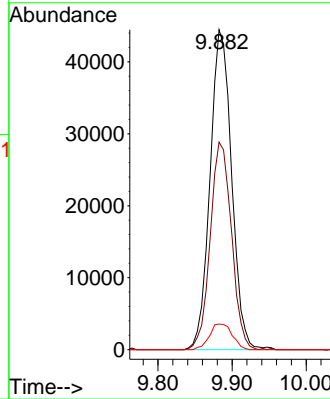
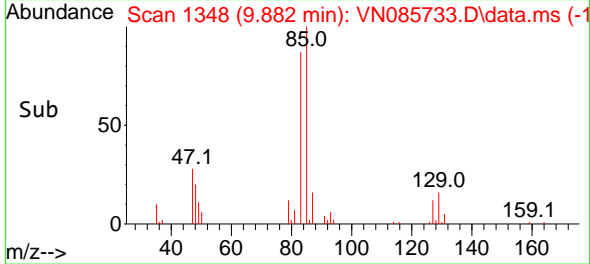


#47  
 Bromodichloromethane  
 Concen: 20.264 ug/l  
 RT: 9.882 min Scan# 1348  
 Delta R.T. 0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

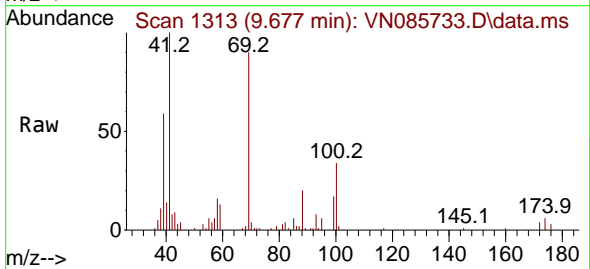
Instrument : MSVOA\_N  
 ClientSampleId :



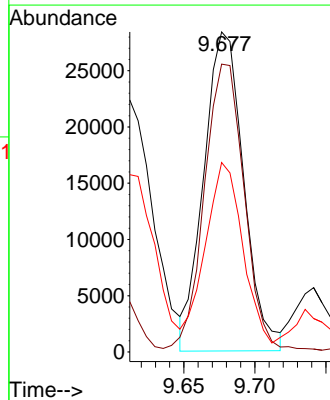
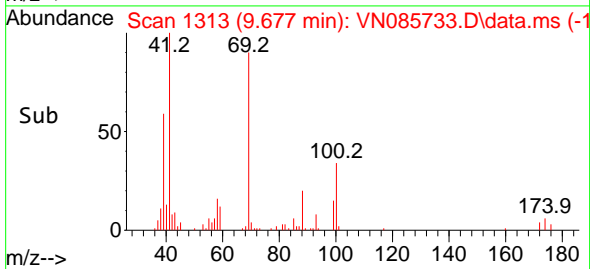
Tgt Ion: 83 Resp: 89840  
 Ion Ratio Lower Upper  
 83 100  
 85 64.8 51.2 76.8  
 127 8.0 6.5 9.7

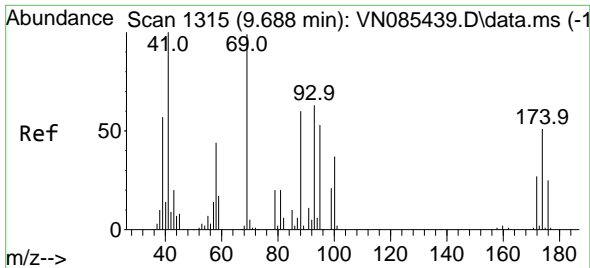


#48  
 Methyl methacrylate  
 Concen: 19.377 ug/l  
 RT: 9.677 min Scan# 1313  
 Delta R.T. -0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59



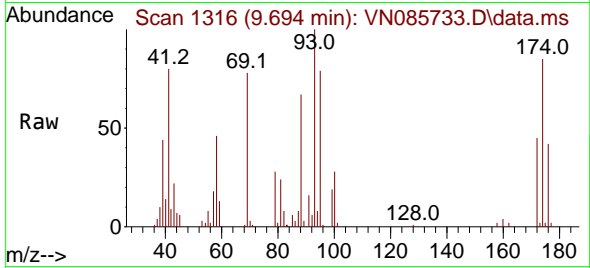
Tgt Ion: 41 Resp: 55422  
 Ion Ratio Lower Upper  
 41 100  
 69 89.7 64.7 97.1  
 39 57.5 49.0 73.6



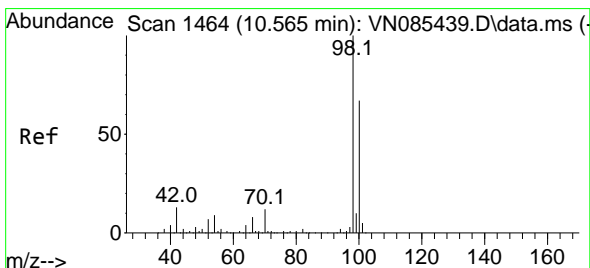
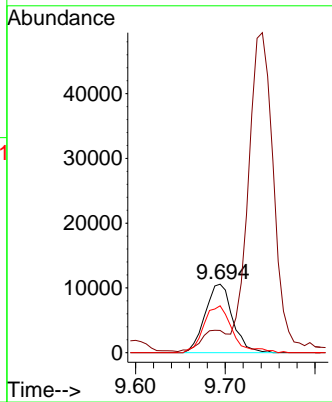
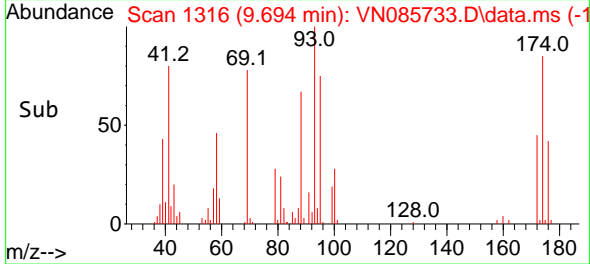


#49  
 1,4-Dioxane  
 Concen: 466.342 ug/l  
 RT: 9.694 min Scan# 1316  
 Delta R.T. 0.006 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

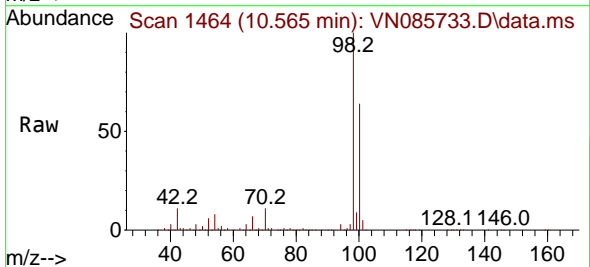
Instrument :  
 MSVOA\_N  
 ClientSampleId :



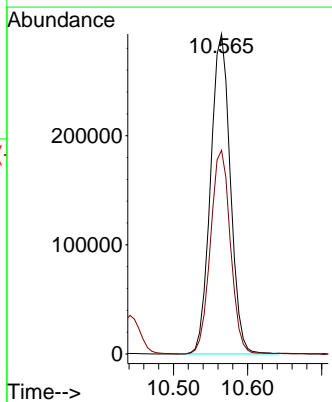
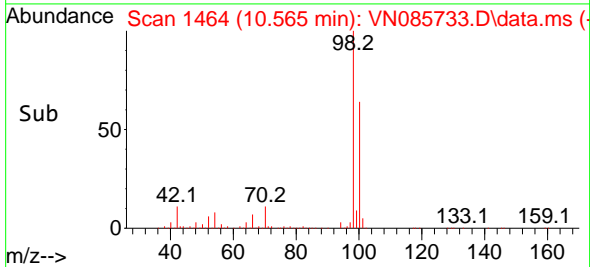
Tgt Ion: 88 Resp: 22461  
 Ion Ratio Lower Upper  
 88 100  
 43 27.8 26.6 39.8  
 58 71.3 59.5 89.3

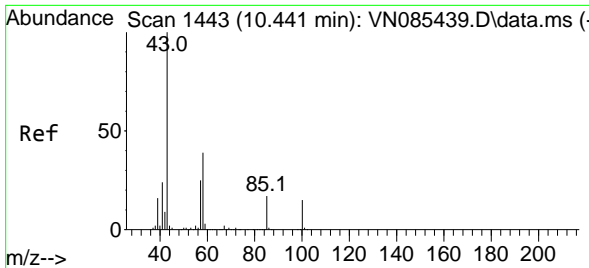


#50  
 Toluene-d8  
 Concen: 54.619 ug/l  
 RT: 10.565 min Scan# 1464  
 Delta R.T. 0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59



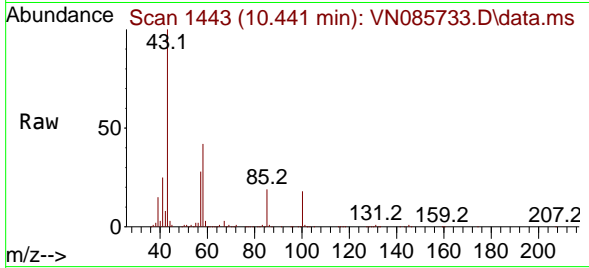
Tgt Ion: 98 Resp: 543357  
 Ion Ratio Lower Upper  
 98 100  
 100 64.4 52.2 78.4



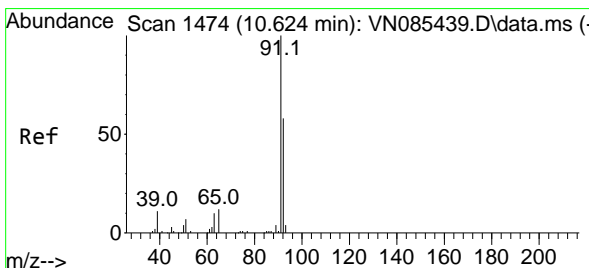
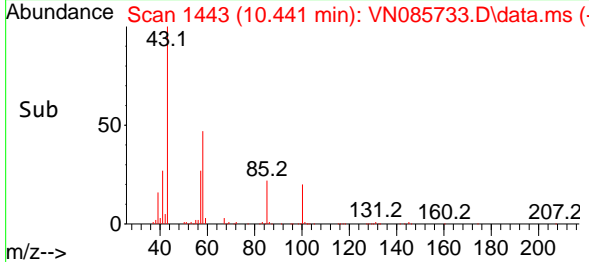
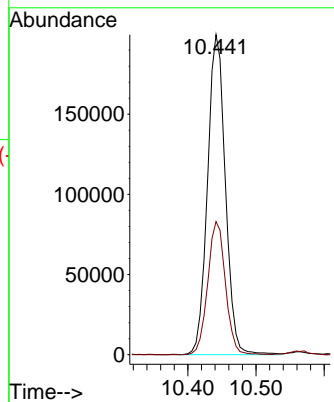


#51  
 4-Methyl-2-Pentanone  
 Concen: 98.714 ug/l  
 RT: 10.441 min Scan# 1443  
 Delta R.T. 0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

Instrument : MSVOA\_N  
 ClientSampleId :

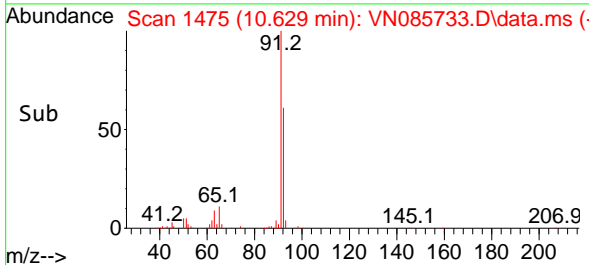
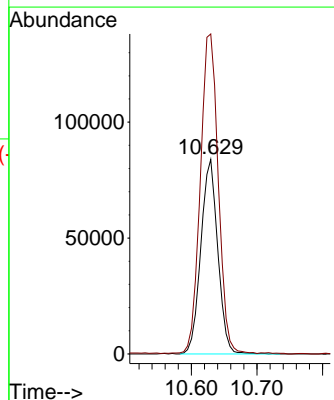
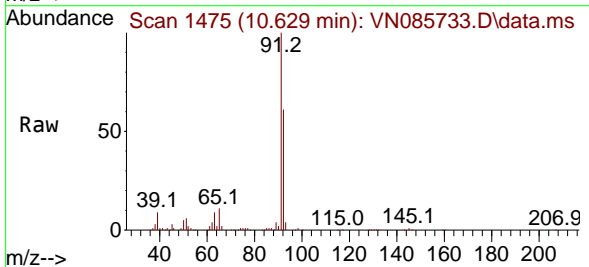


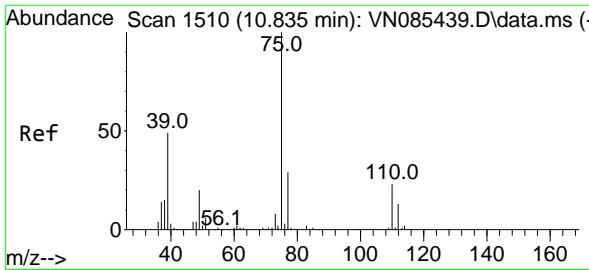
Tgt Ion: 43 Resp: 364061  
 Ion Ratio Lower Upper  
 43 100  
 58 41.3 30.5 45.7



#52  
 Toluene  
 Concen: 22.065 ug/l  
 RT: 10.629 min Scan# 1475  
 Delta R.T. 0.005 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

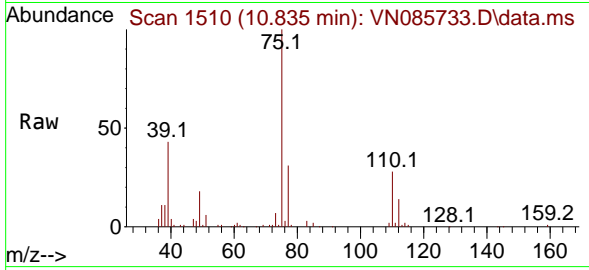
Tgt Ion: 92 Resp: 150953  
 Ion Ratio Lower Upper  
 92 100  
 91 173.5 139.2 208.8



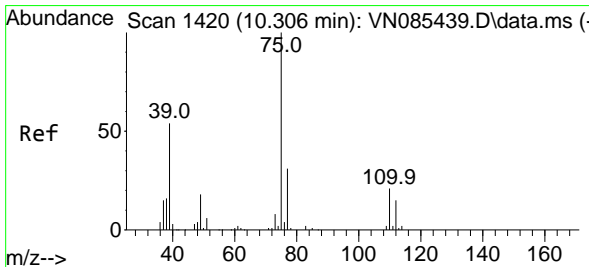
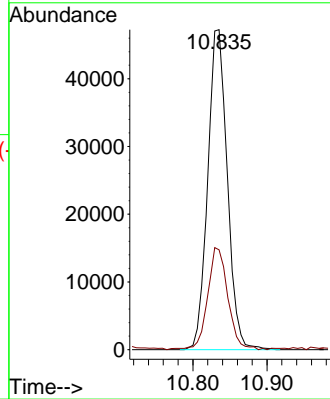
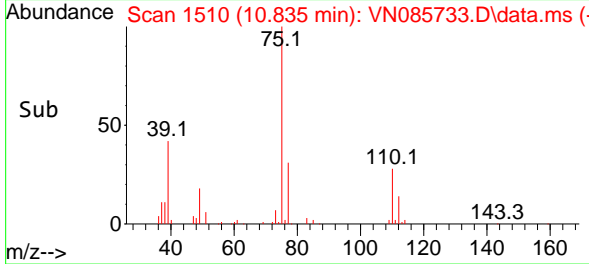


#53  
 t-1,3-Dichloropropene  
 Concen: 20.681 ug/l  
 RT: 10.835 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

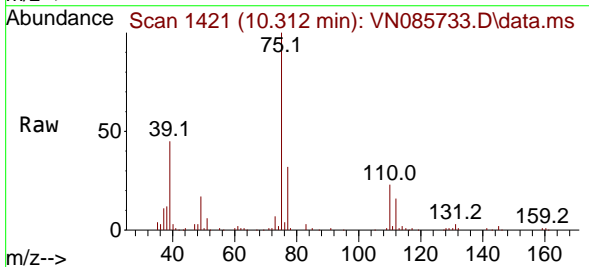
Instrument :  
 MSVOA\_N  
 ClientSampleId :



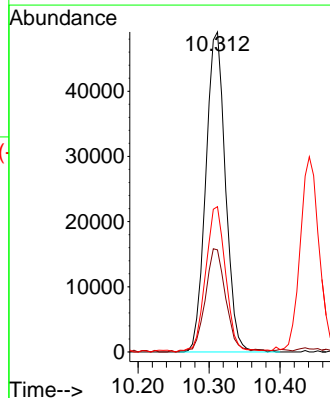
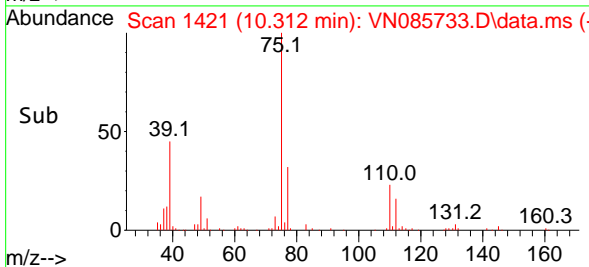
Tgt Ion: 75 Resp: 86648  
 Ion Ratio Lower Upper  
 75 100  
 77 30.8 23.5 35.3

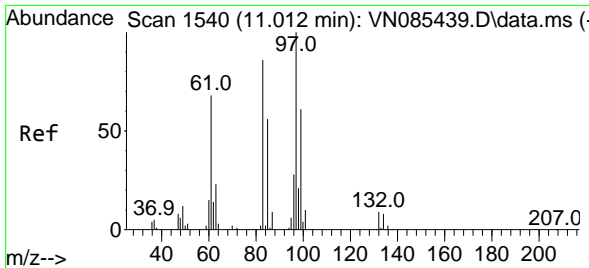


#54  
 cis-1,3-Dichloropropene  
 Concen: 21.126 ug/l  
 RT: 10.312 min Scan# 1421  
 Delta R.T. 0.006 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59



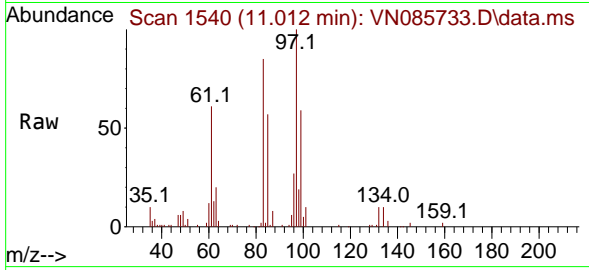
Tgt Ion: 75 Resp: 94546  
 Ion Ratio Lower Upper  
 75 100  
 77 31.6 25.0 37.4  
 39 44.9 43.1 64.7





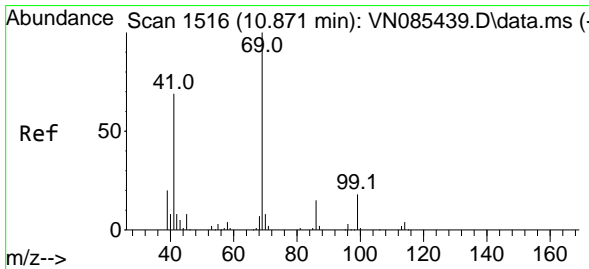
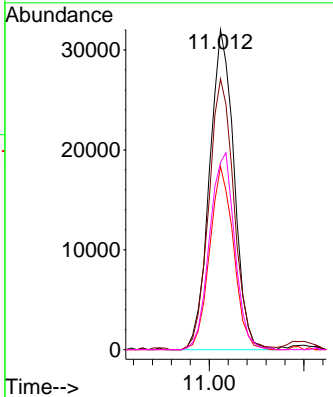
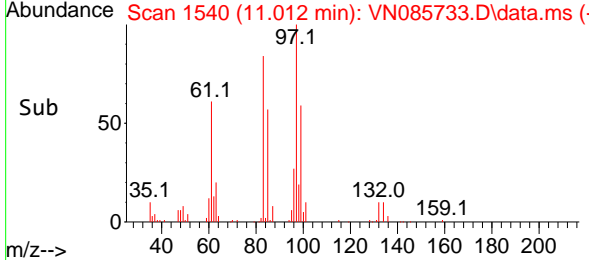
#55  
 1,1,2-Trichloroethane  
 Concen: 21.313 ug/l  
 RT: 11.012 min Scan# 1540  
 Delta R.T. 0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

Instrument : MSVOA\_N  
 ClientSampleId :

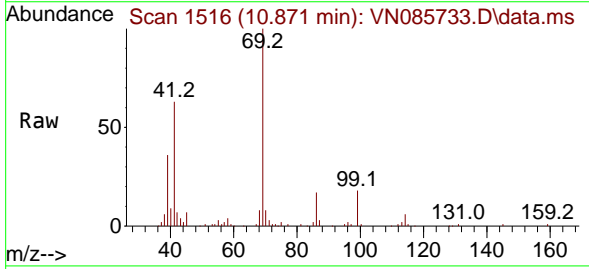


Tgt Ion: 97 Resp: 57705

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 84.6  | 69.0  | 103.6 |
| 85  | 57.3  | 44.6  | 66.8  |
| 99  | 58.5  | 48.6  | 72.8  |

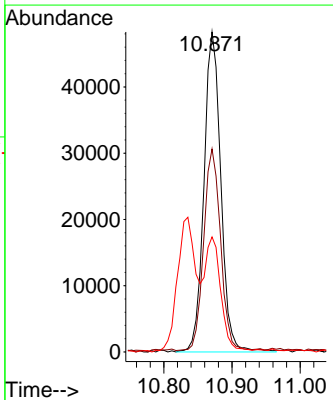
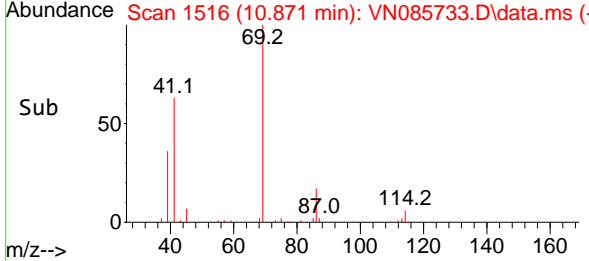


#56  
 Ethyl methacrylate  
 Concen: 19.510 ug/l  
 RT: 10.871 min Scan# 1516  
 Delta R.T. -0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

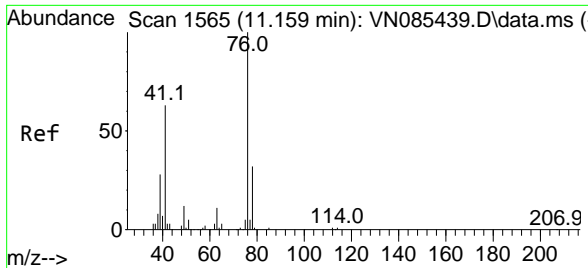


Tgt Ion: 69 Resp: 83395

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 62.1  | 54.6  | 82.0  |
| 39  | 33.4  | 32.4  | 48.6  |

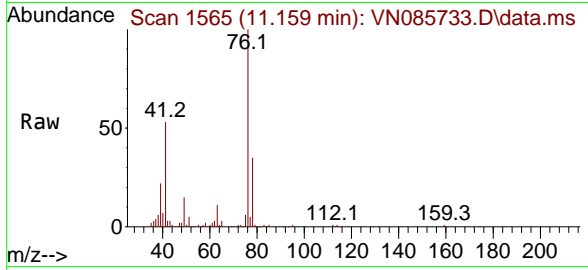




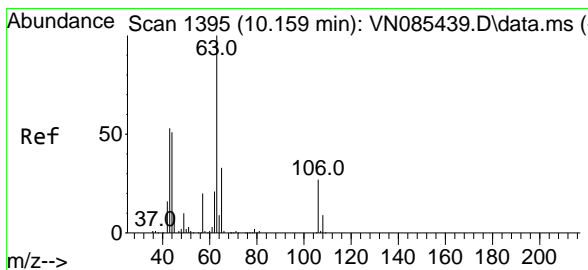
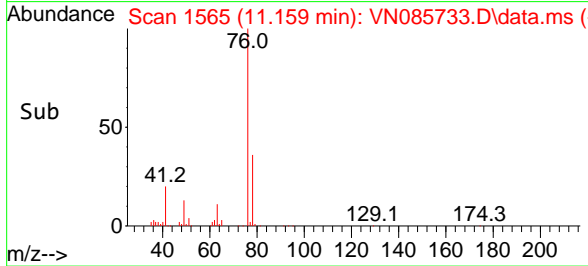
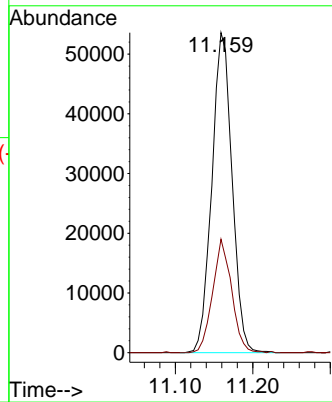


#57  
 1,3-Dichloropropane  
 Concen: 20.644 ug/l  
 RT: 11.159 min Scan# 1565  
 Delta R.T. 0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

Instrument : MSVOA\_N  
 ClientSampleId :

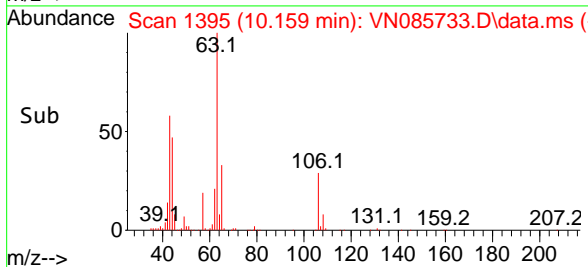
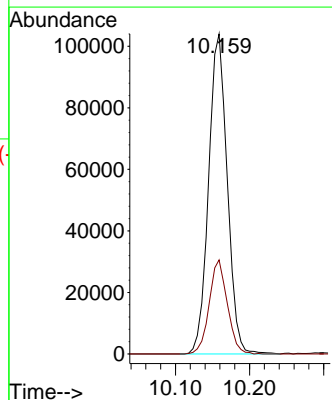
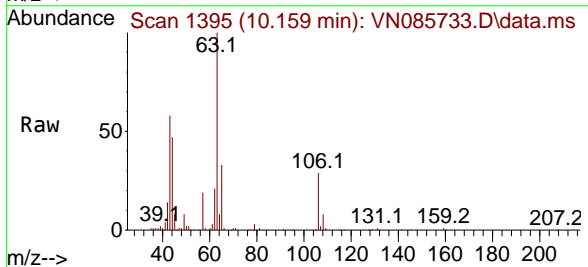


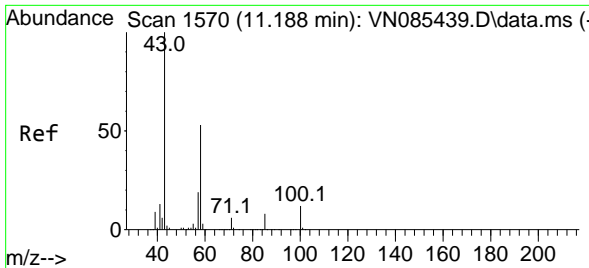
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 76      | 100  |       |       |
| 78      | 33.3 | 25.6  | 38.4  |



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 105.866 ug/l  
 RT: 10.159 min Scan# 1395  
 Delta R.T. 0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

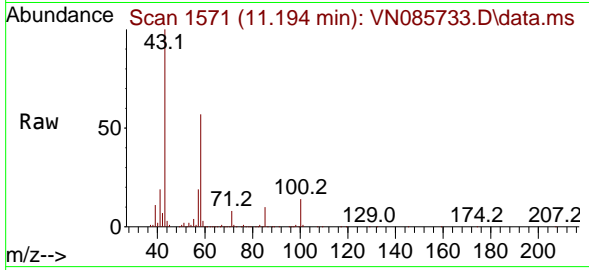
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 63      | 100  |       |       |
| 106     | 28.5 | 21.6  | 32.4  |



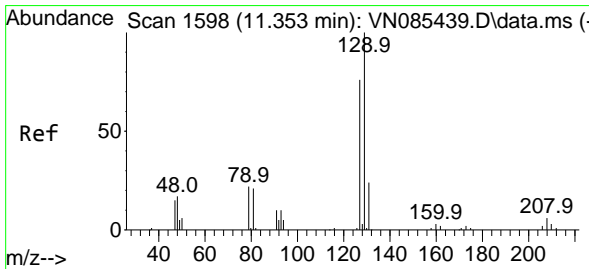
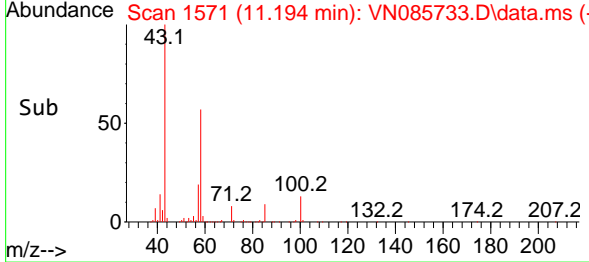
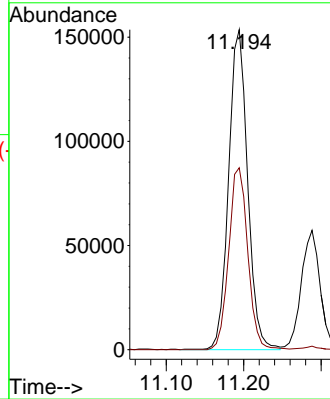


#59  
 2-Hexanone  
 Concen: 101.034 ug/l  
 RT: 11.194 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

Instrument :  
 MSVOA\_N  
 ClientSampleId :

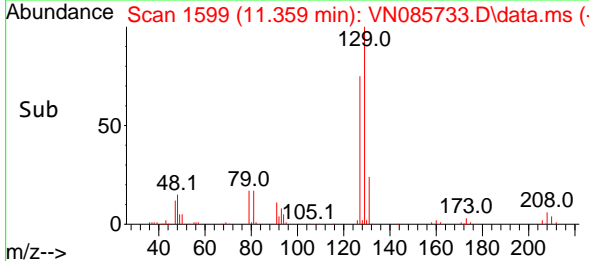
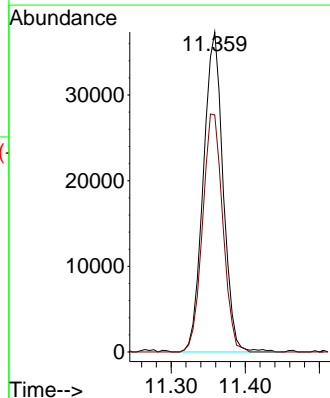
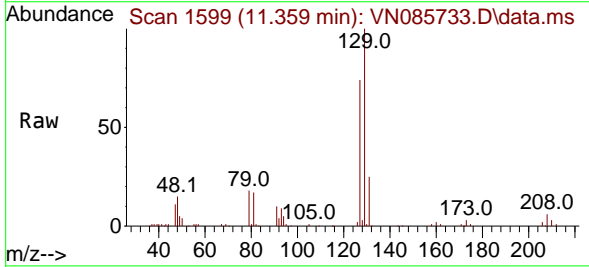


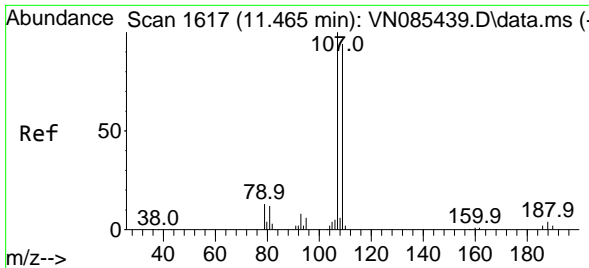
Tgt Ion: 43 Resp: 262185  
 Ion Ratio Lower Upper  
 43 100  
 58 57.1 26.2 78.6



#60  
 Dibromochloromethane  
 Concen: 21.130 ug/l  
 RT: 11.359 min Scan# 1599  
 Delta R.T. 0.006 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

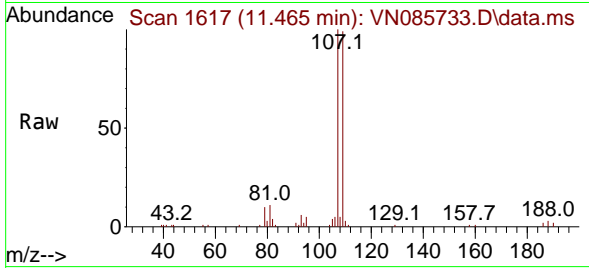
Tgt Ion:129 Resp: 69068  
 Ion Ratio Lower Upper  
 129 100  
 127 76.1 38.6 115.8



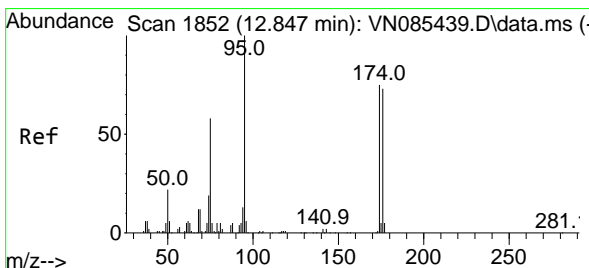
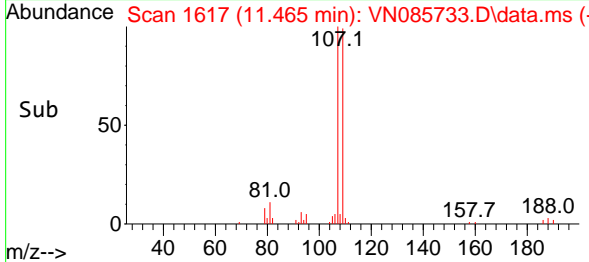
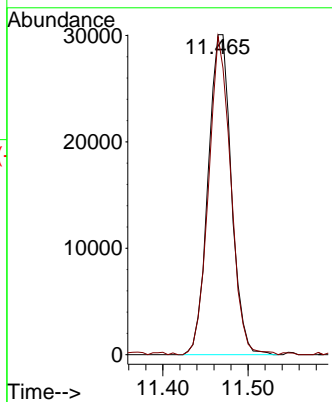


#61  
 1,2-Dibromoethane  
 Concen: 21.161 ug/l  
 RT: 11.465 min Scan# 1617  
 Delta R.T. 0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

Instrument : MSVOA\_N  
 ClientSampled :

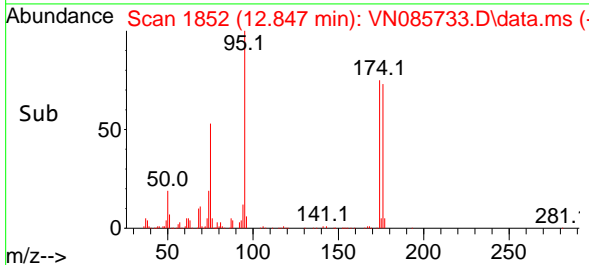
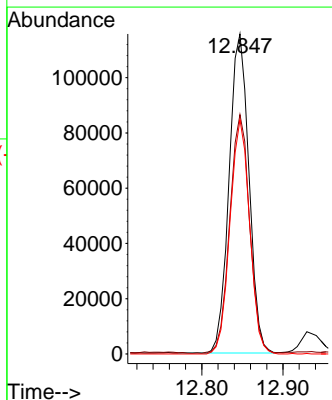
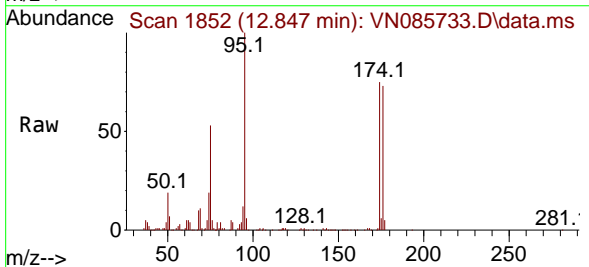


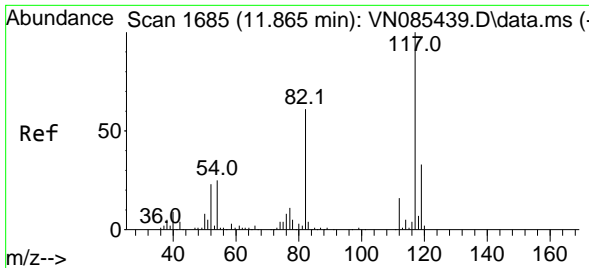
Tgt Ion:107 Resp: 57030  
 Ion Ratio Lower Upper  
 107 100  
 109 94.8 75.9 113.9



#62  
 4-Bromofluorobenzene  
 Concen: 57.511 ug/l  
 RT: 12.847 min Scan# 1852  
 Delta R.T. 0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

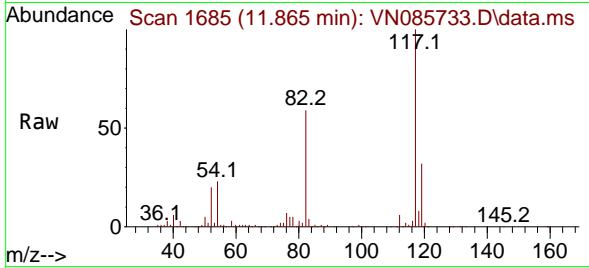
Tgt Ion: 95 Resp: 195707  
 Ion Ratio Lower Upper  
 95 100  
 174 74.9 0.0 145.0  
 176 72.5 0.0 142.4





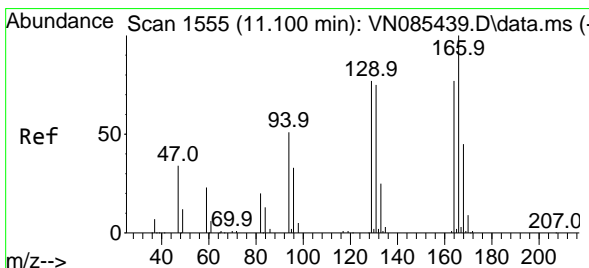
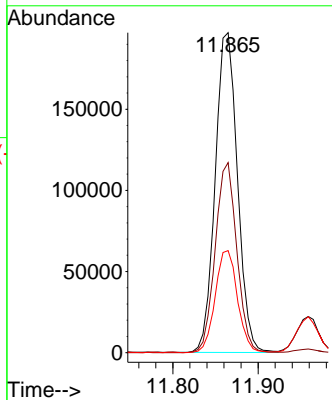
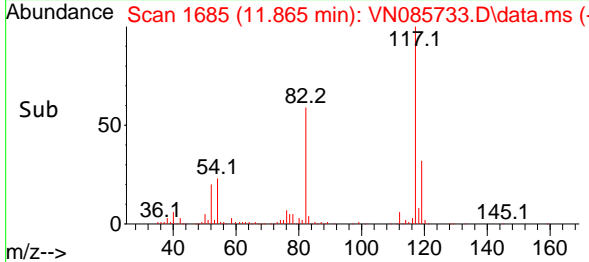
#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.865 min Scan# 1117  
 Delta R.T. 0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

Instrument : MSVOA\_N  
 ClientSampleId :

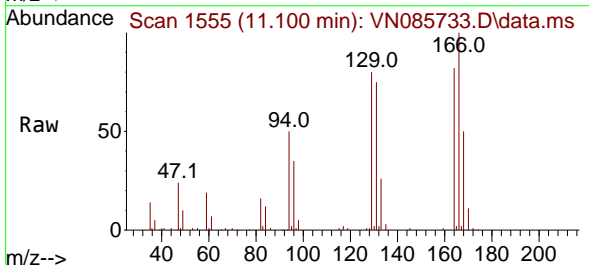


Tgt Ion:117 Resp: 358601

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 82  | 59.4  | 48.6  | 72.8  |
| 119 | 31.8  | 26.6  | 39.8  |

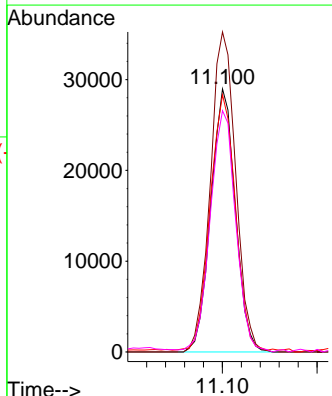
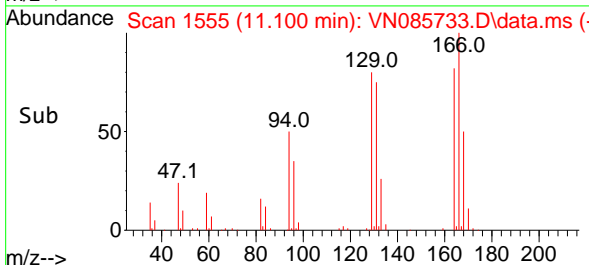


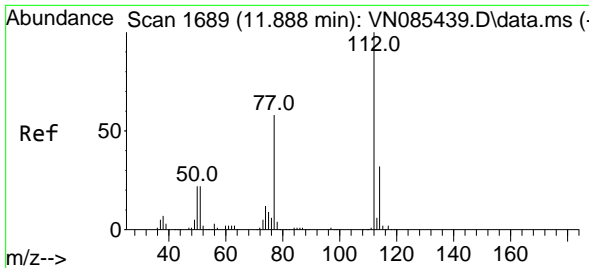
#64  
 Tetrachloroethene  
 Concen: 21.319 ug/l  
 RT: 11.100 min Scan# 1555  
 Delta R.T. 0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59



Tgt Ion:164 Resp: 52118

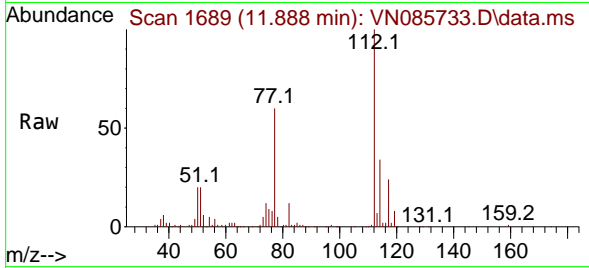
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 166 | 121.7 | 103.4 | 155.2 |
| 129 | 97.1  | 79.2  | 118.8 |
| 131 | 91.1  | 77.1  | 115.7 |



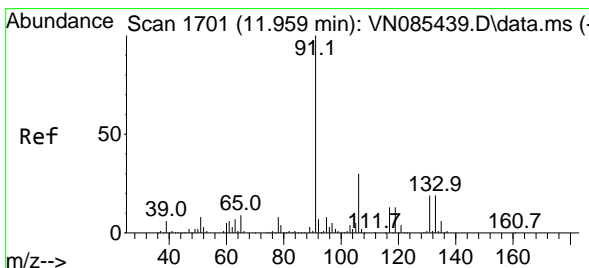
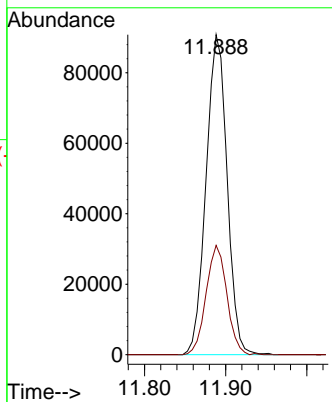
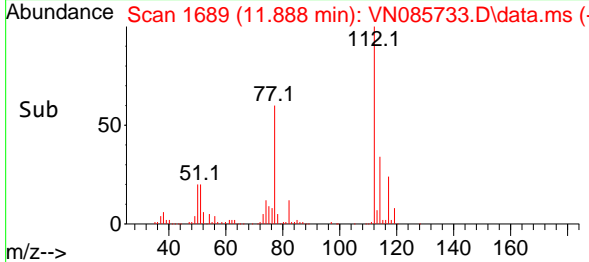


#65  
 Chlorobenzene  
 Concen: 20.797 ug/l  
 RT: 11.888 min Scan# 1689  
 Delta R.T. 0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

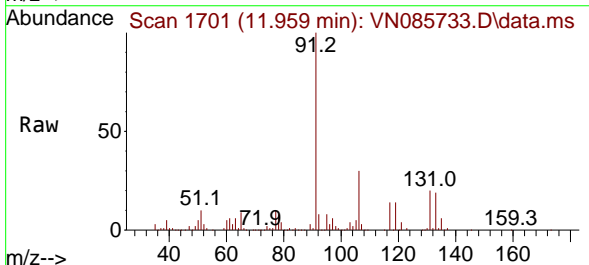
Instrument : MSVOA\_N  
 ClientSampleId :



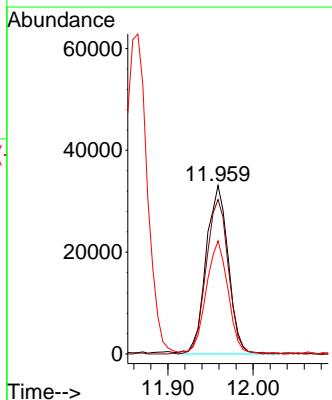
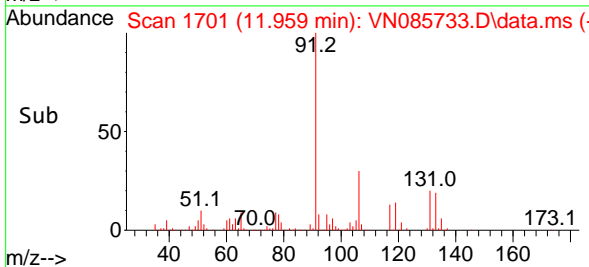
Tgt Ion:112 Resp: 163378  
 Ion Ratio Lower Upper  
 112 100  
 114 34.2 25.3 37.9

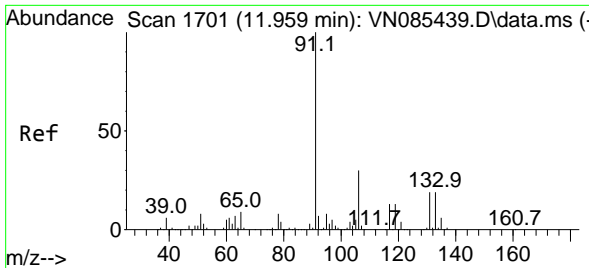


#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 20.844 ug/l  
 RT: 11.959 min Scan# 1701  
 Delta R.T. 0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59



Tgt Ion:131 Resp: 60097  
 Ion Ratio Lower Upper  
 131 100  
 133 92.1 47.4 142.3  
 119 66.7 33.1 99.5

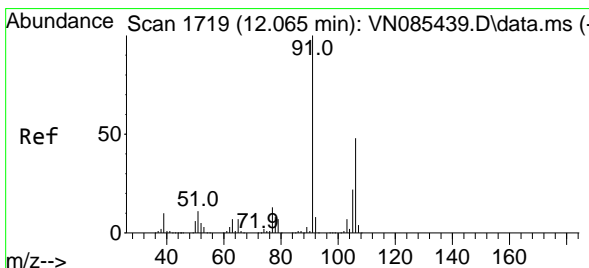
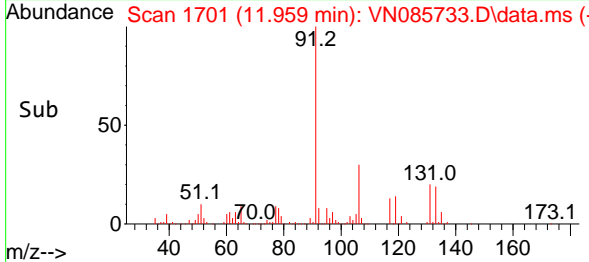
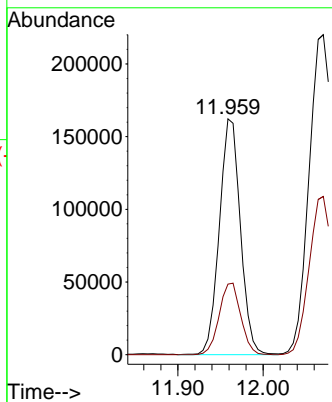
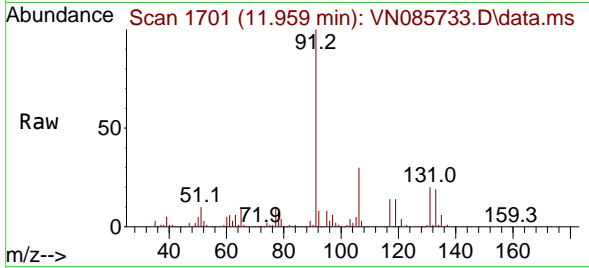




#67  
 Ethyl Benzene  
 Concen: 21.793 ug/l  
 RT: 11.959 min Scan# 1701  
 Delta R.T. 0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

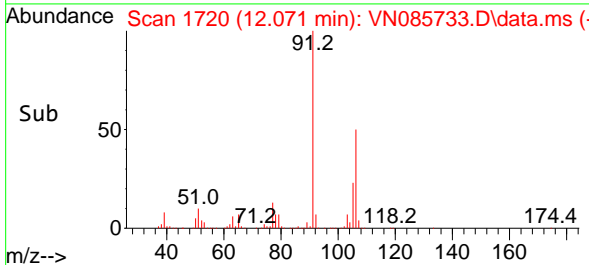
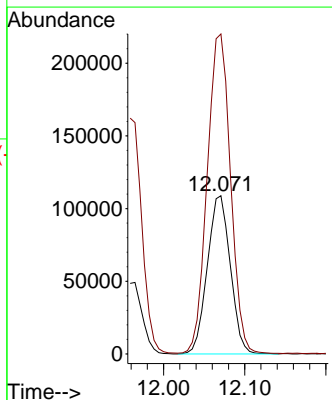
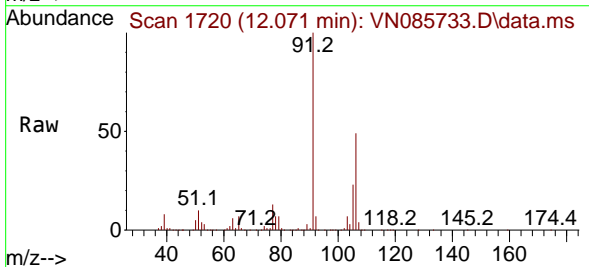
Instrument :  
 MSVOA\_N  
 ClientSampleId :

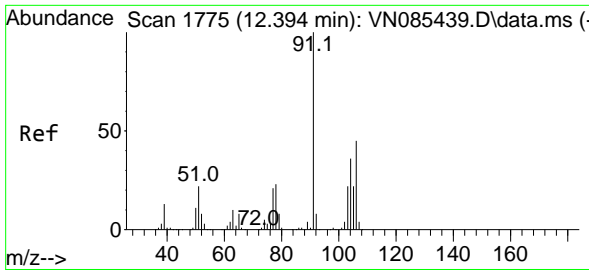
Tgt Ion: 91 Resp: 278845  
 Ion Ratio Lower Upper  
 91 100  
 106 29.9 23.8 35.8



#68  
 m/p-Xylenes  
 Concen: 45.317 ug/l  
 RT: 12.071 min Scan# 1720  
 Delta R.T. 0.006 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

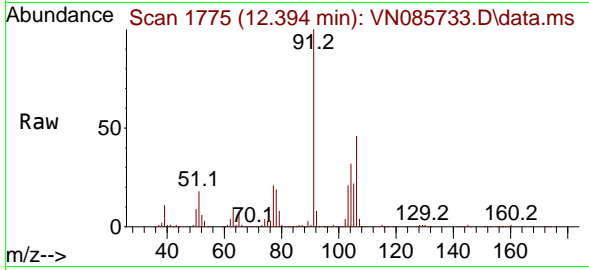
Tgt Ion: 106 Resp: 214296  
 Ion Ratio Lower Upper  
 106 100  
 91 204.7 167.7 251.5



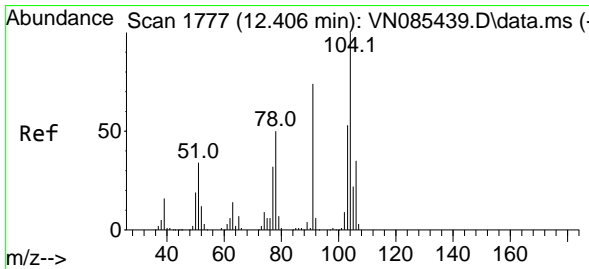
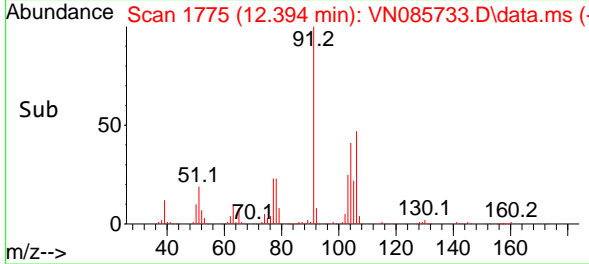
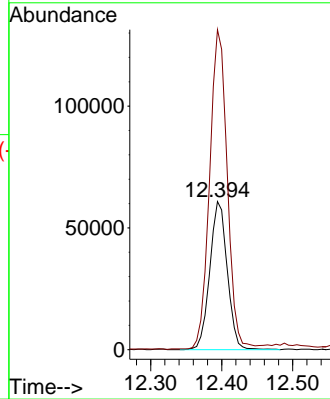


#69  
 o-Xylene  
 Concen: 22.994 ug/l  
 RT: 12.394 min Scan# 1775  
 Delta R.T. 0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

Instrument : MSVOA\_N  
 ClientSampleId :

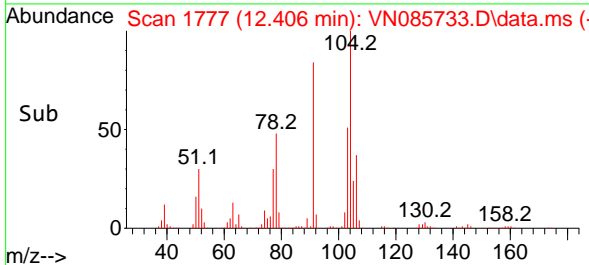
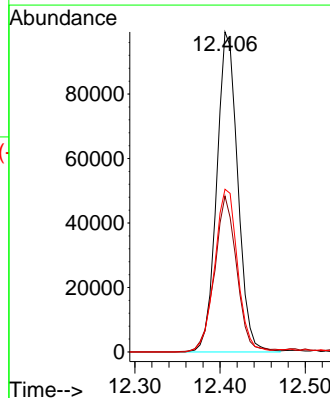
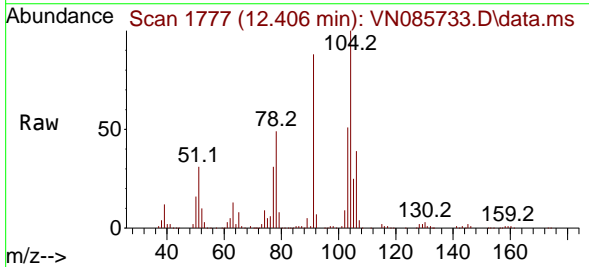


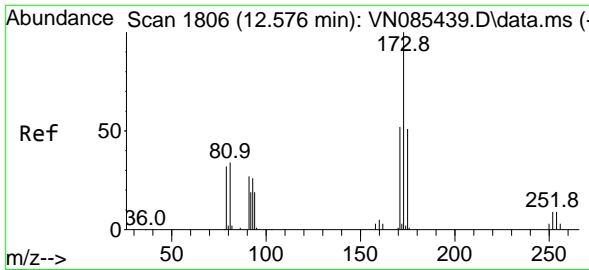
Tgt Ion:106 Resp: 103912  
 Ion Ratio Lower Upper  
 106 100  
 91 216.8 110.4 331.2



#70  
 Styrene  
 Concen: 22.749 ug/l  
 RT: 12.406 min Scan# 1777  
 Delta R.T. 0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

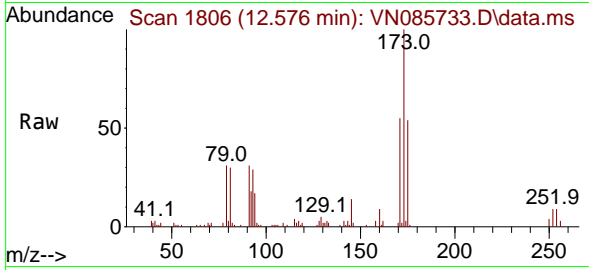
Tgt Ion:104 Resp: 170141  
 Ion Ratio Lower Upper  
 104 100  
 78 51.6 42.5 63.7  
 103 55.6 43.8 65.8





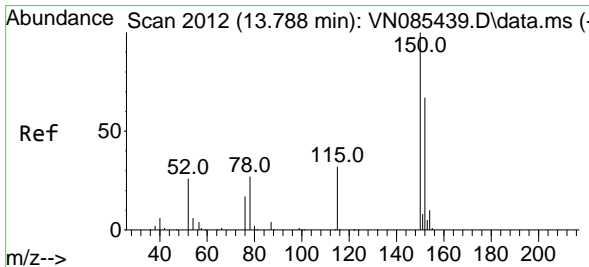
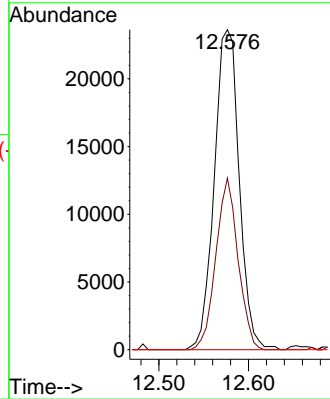
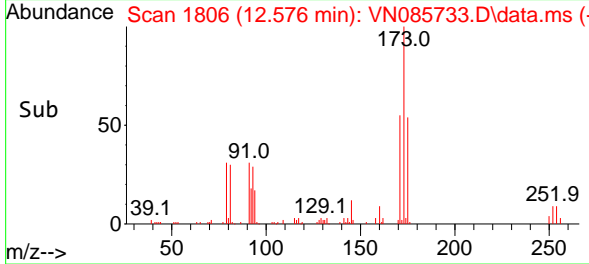
#71  
 Bromoform  
 Concen: 22.108 ug/l  
 RT: 12.576 min Scan# 1806  
 Delta R.T. 0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

Instrument :  
 MSVOA\_N  
 ClientSampleId :

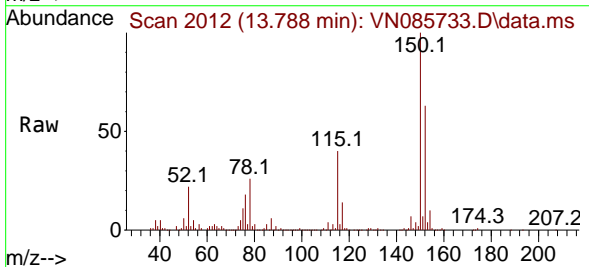


Tgt Ion:173 Resp: 45609

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 173 | 100   |       |       |
| 175 | 47.7  | 24.4  | 73.2  |
| 254 | 0.0   | 0.0   | 0.0   |

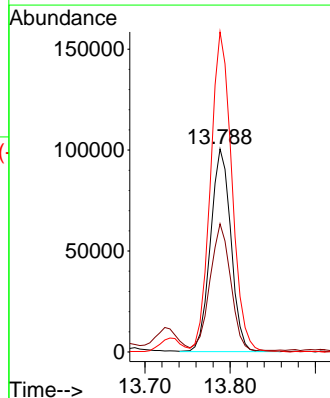
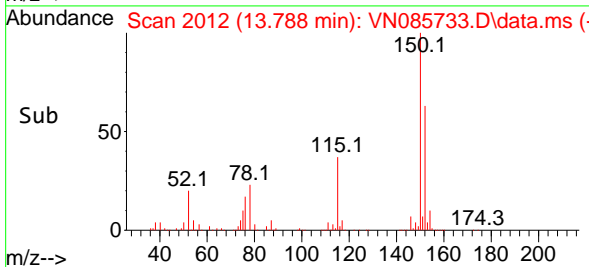


#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.788 min Scan# 2012  
 Delta R.T. 0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

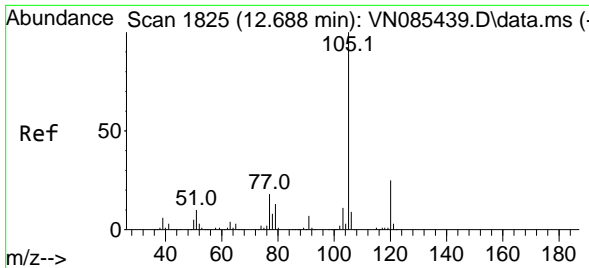


Tgt Ion:152 Resp: 166903

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 115 | 62.7  | 31.1  | 93.3  |
| 150 | 165.5 | 0.0   | 343.6 |



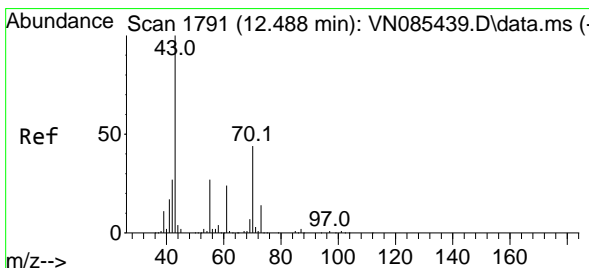
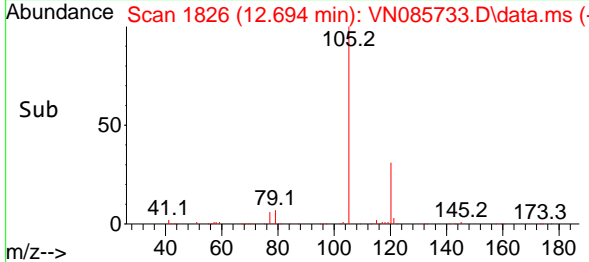
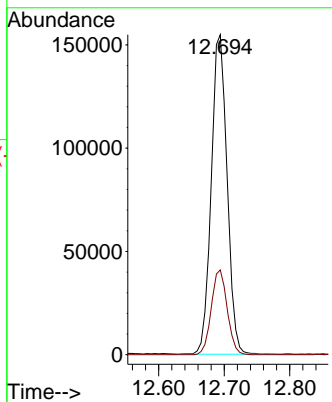
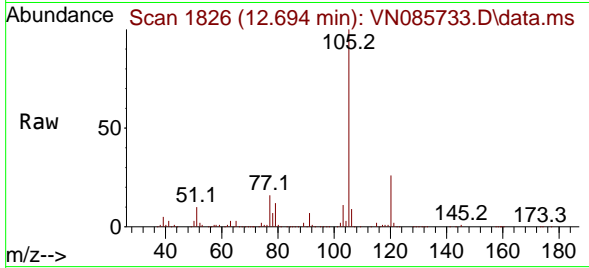




#73  
 Isopropylbenzene  
 Concen: 22.976 ug/l  
 RT: 12.694 min Scan# 1826  
 Delta R.T. 0.006 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

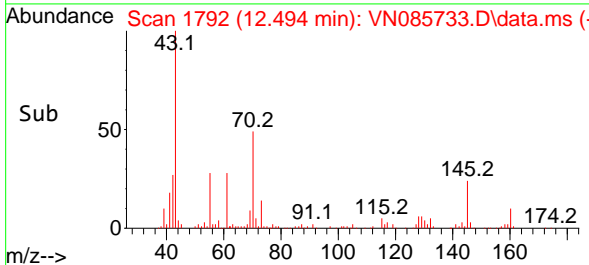
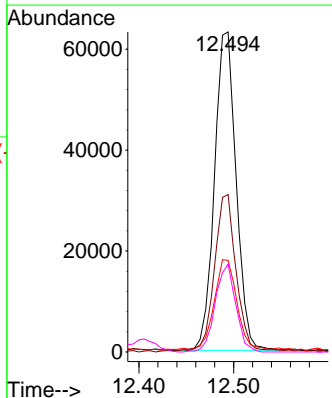
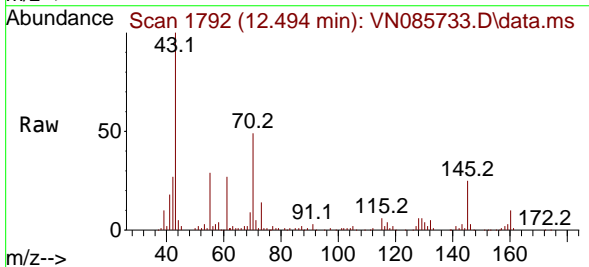
Instrument : MSVOA\_N  
 ClientSampleId :

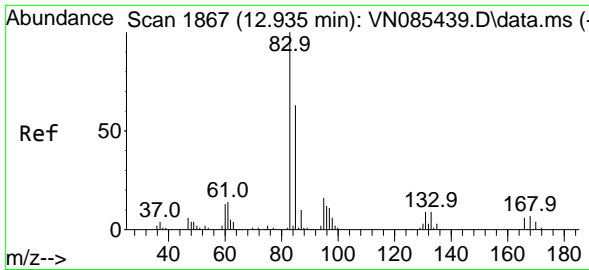
Tgt Ion:105 Resp: 258819  
 Ion Ratio Lower Upper  
 105 100  
 120 26.6 12.8 38.3



#74  
 N-amy1 acetate  
 Concen: 19.805 ug/l  
 RT: 12.494 min Scan# 1792  
 Delta R.T. 0.006 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

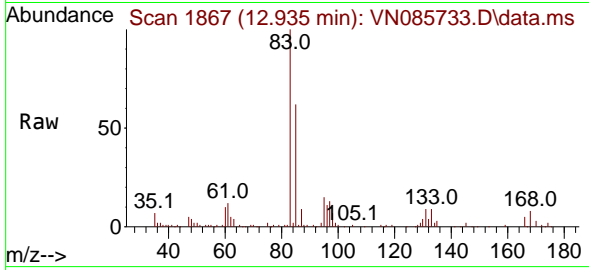
Tgt Ion: 43 Resp: 100274  
 Ion Ratio Lower Upper  
 43 100  
 70 48.3 34.0 51.0  
 55 30.0 21.4 32.2  
 61 26.1 19.0 28.4



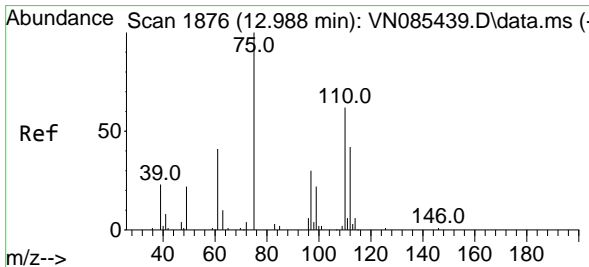
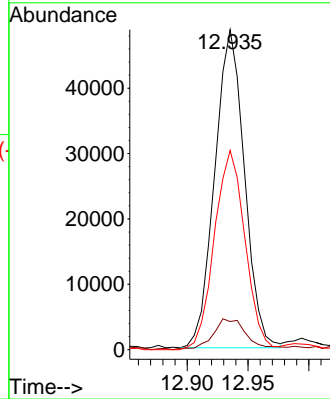
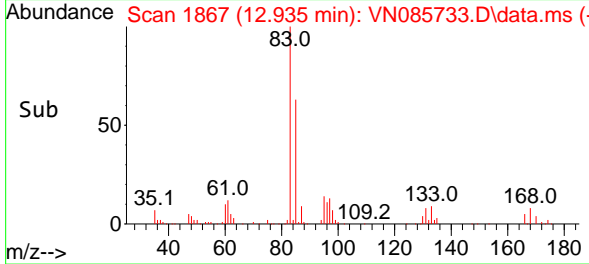


#75  
 1,1,2-Tetrachloroethane  
 Concen: 20.779 ug/l  
 RT: 12.935 min Scan# 1867  
 Delta R.T. 0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

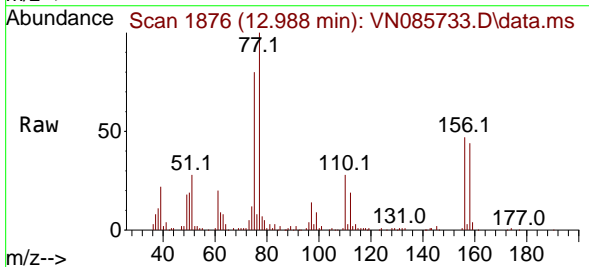
Instrument : MSVOA\_N  
 ClientSampleId :



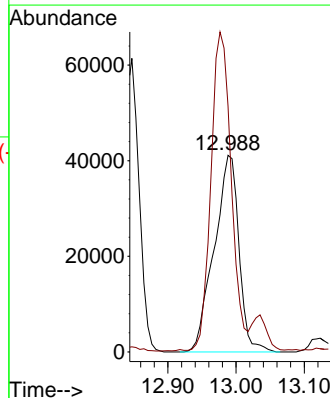
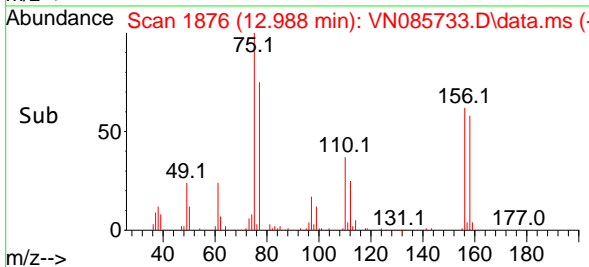
Tgt Ion: 83 Resp: 82681  
 Ion Ratio Lower Upper  
 83 100  
 131 11.1 4.8 14.4  
 85 64.6 32.2 96.6

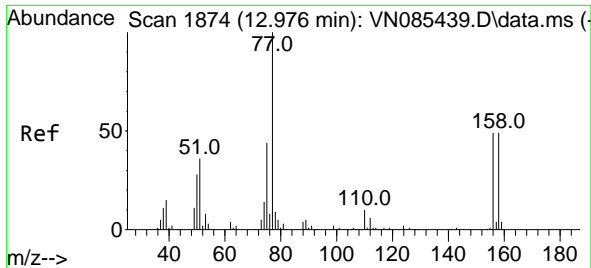


#76  
 1,2,3-Trichloropropane  
 Concen: 30.640 ug/l  
 RT: 12.988 min Scan# 1876  
 Delta R.T. 0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59



Tgt Ion: 75 Resp: 103943  
 Ion Ratio Lower Upper  
 75 100  
 77 132.6 109.7 329.2

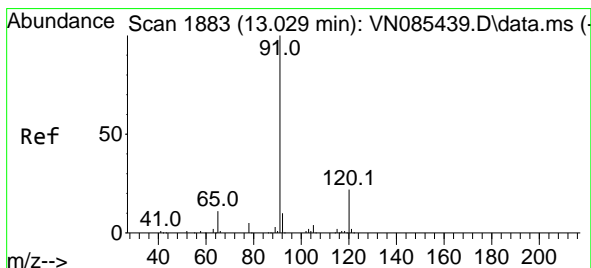
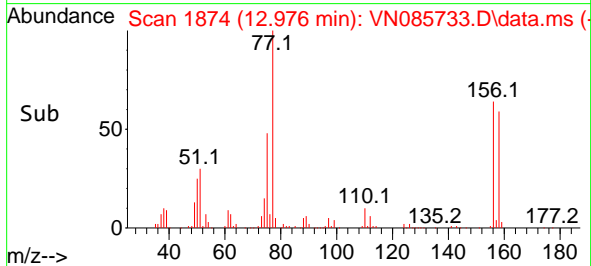
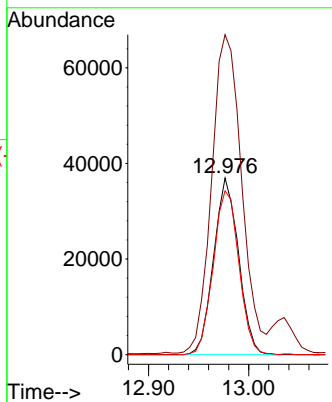
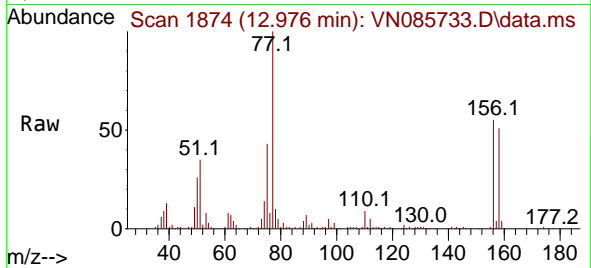




#77  
 Bromobenzene  
 Concen: 21.596 ug/l  
 RT: 12.976 min Scan# 1874  
 Delta R.T. 0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

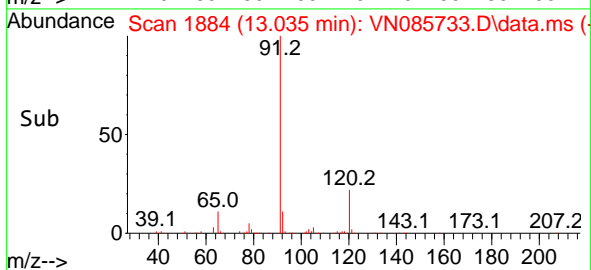
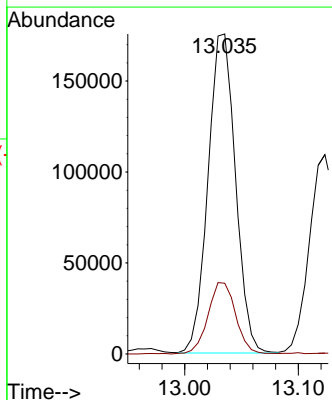
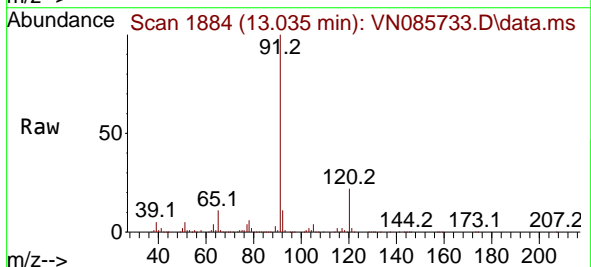
Instrument : MSVOA\_N  
 ClientSampleId :

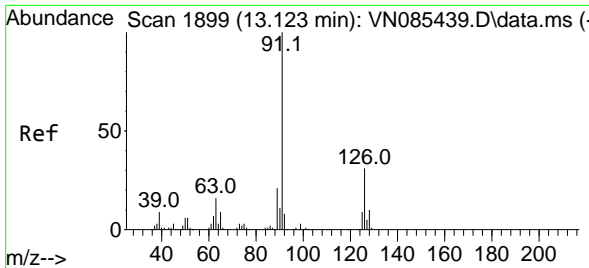
| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 63556 | 100   |       |
| 77      | 216.9 | 114.1 | 342.4 |
| 158     | 95.8  | 48.9  | 146.8 |



#78  
 n-propylbenzene  
 Concen: 22.103 ug/l  
 RT: 13.035 min Scan# 1884  
 Delta R.T. 0.006 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

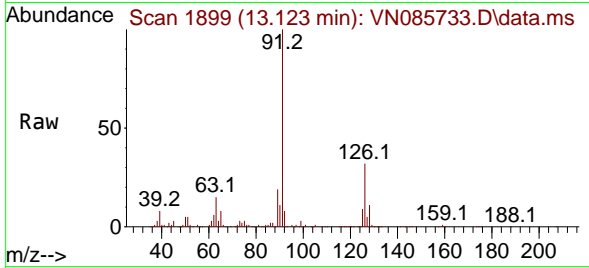
| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 91      | 294746 | 100   |       |
| 120     | 22.6   | 10.9  | 32.6  |



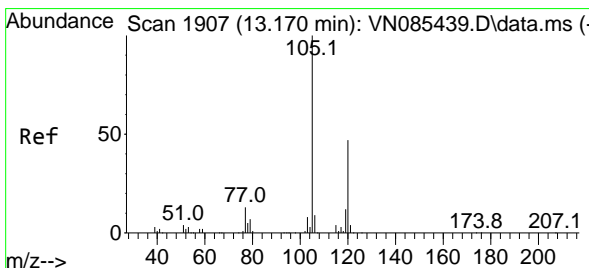
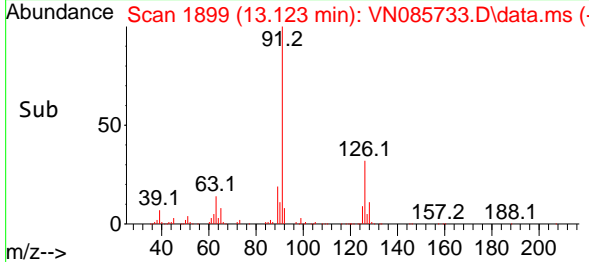
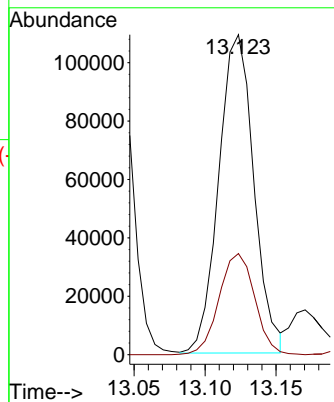


#79  
 2-Chlorotoluene  
 Concen: 21.725 ug/l  
 RT: 13.123 min Scan# 1899  
 Delta R.T. 0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

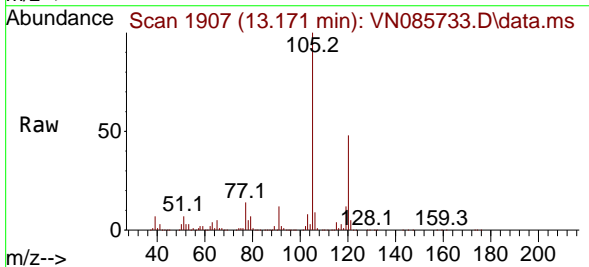
Instrument : MSVOA\_N  
 ClientSampleId :



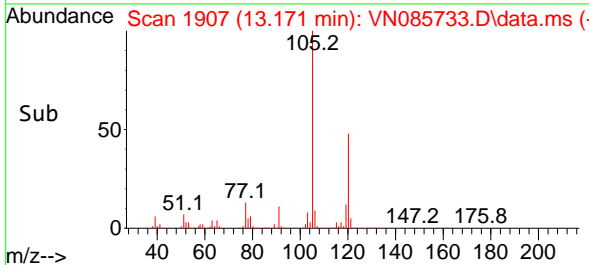
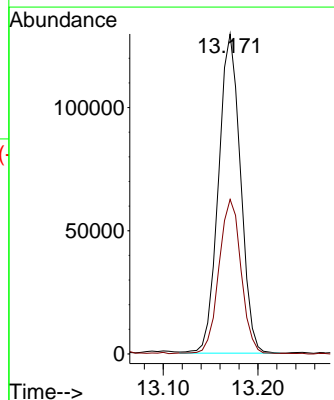
Tgt Ion: 91 Resp: 187503  
 Ion Ratio Lower Upper  
 91 100  
 126 32.3 15.7 47.1

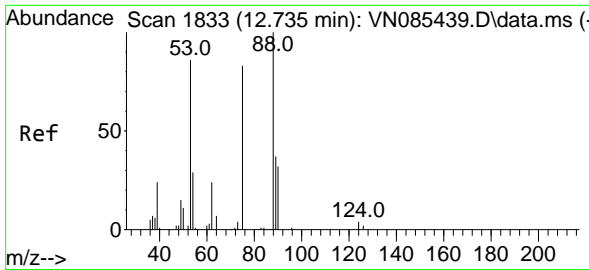


#80  
 1,3,5-Trimethylbenzene  
 Concen: 22.494 ug/l  
 RT: 13.171 min Scan# 1907  
 Delta R.T. 0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59



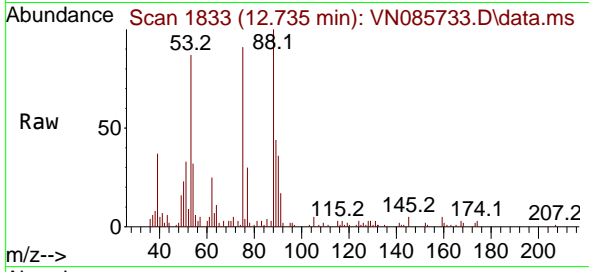
Tgt Ion: 105 Resp: 209301  
 Ion Ratio Lower Upper  
 105 100  
 120 49.1 23.9 71.7





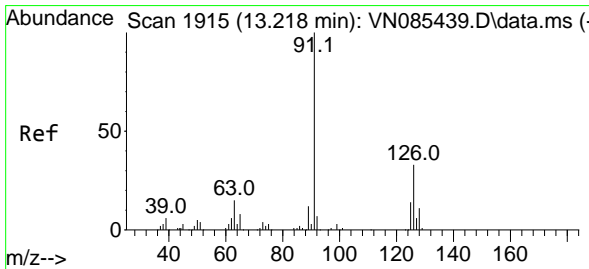
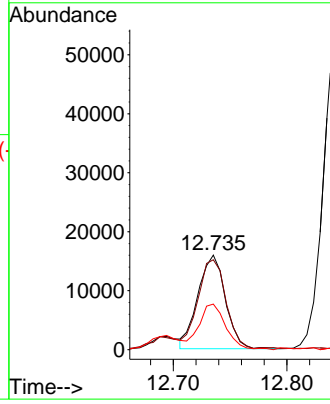
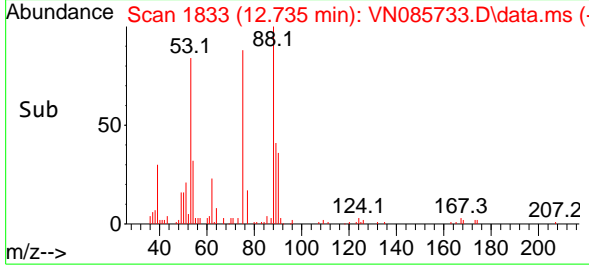
#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 21.217 ug/l  
 RT: 12.735 min Scan# 1833  
 Delta R.T. 0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

Instrument : MSVOA\_N  
 ClientSampleId :

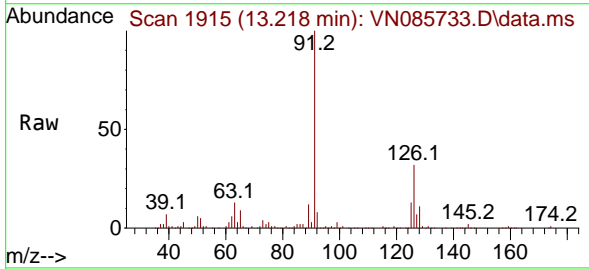


Tgt Ion: 75 Resp: 26603

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 53  | 98.8  | 95.6  | 143.4 |
| 89  | 46.9  | 37.0  | 55.6  |

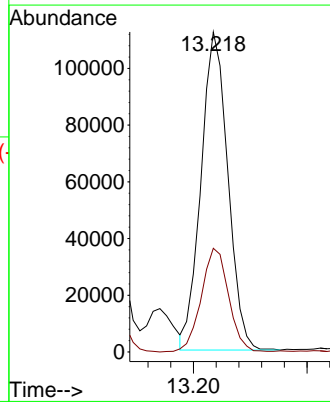
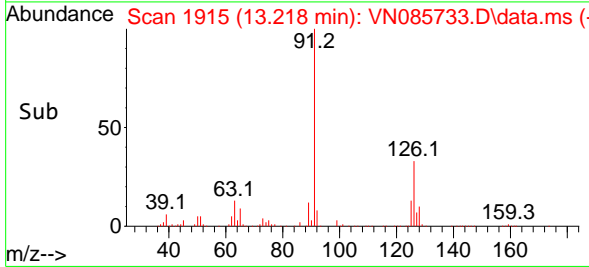


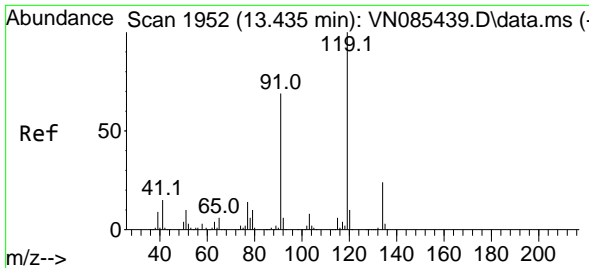
#82  
 4-Chlorotoluene  
 Concen: 21.435 ug/l  
 RT: 13.218 min Scan# 1915  
 Delta R.T. 0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59



Tgt Ion: 91 Resp: 184197

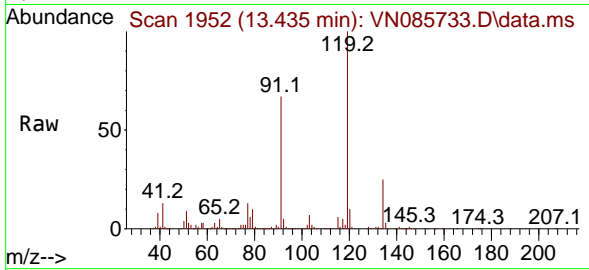
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 126 | 33.3  | 15.9  | 47.7  |



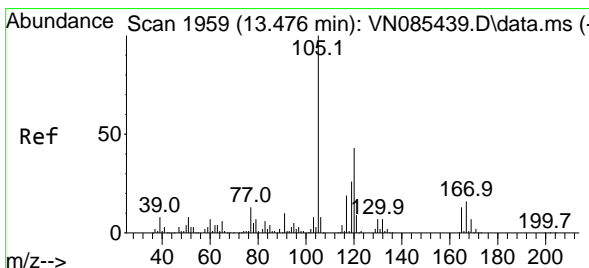
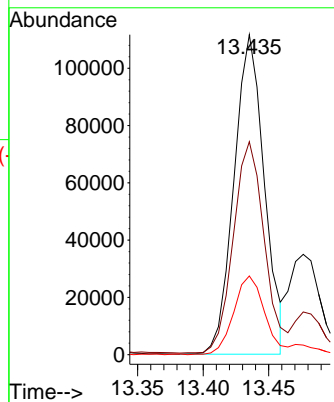
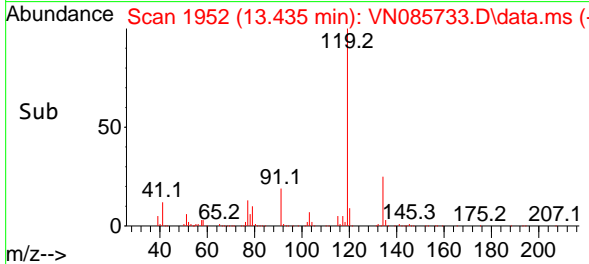


#83  
 tert-Butylbenzene  
 Concen: 22.962 ug/l  
 RT: 13.435 min Scan# 1952  
 Delta R.T. 0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

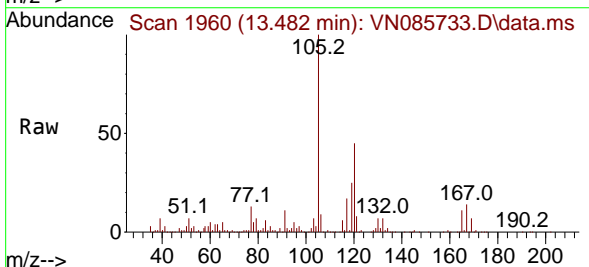
Instrument : MSVOA\_N  
 ClientSampleId :



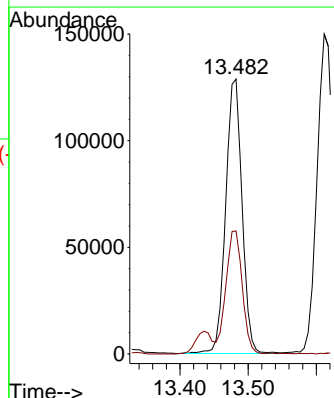
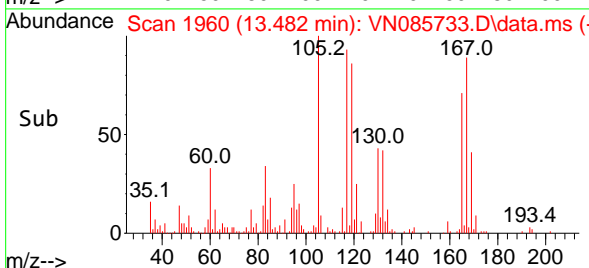
Tgt Ion:119 Resp: 179417  
 Ion Ratio Lower Upper  
 119 100  
 91 68.0 35.1 105.3  
 134 25.2 12.0 36.1

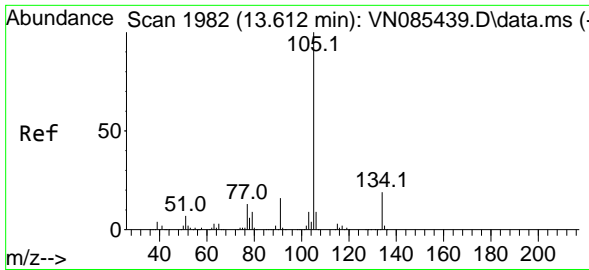


#84  
 1,2,4-Trimethylbenzene  
 Concen: 23.216 ug/l  
 RT: 13.482 min Scan# 1960  
 Delta R.T. 0.006 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59



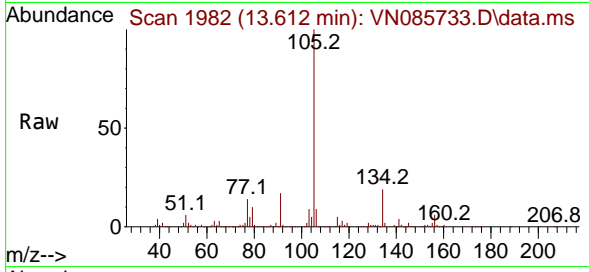
Tgt Ion:105 Resp: 215295  
 Ion Ratio Lower Upper  
 105 100  
 120 44.2 21.6 65.0



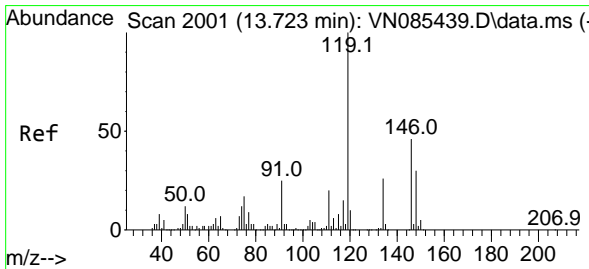
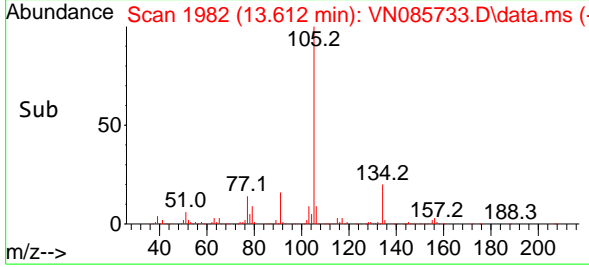
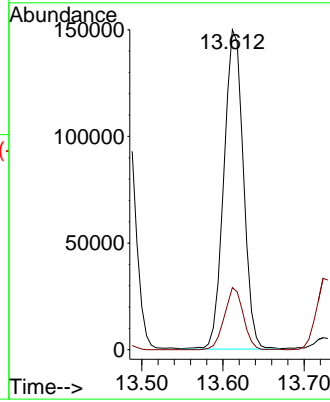


#85  
 sec-Butylbenzene  
 Concen: 23.123 ug/l  
 RT: 13.612 min Scan# 1982  
 Delta R.T. -0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

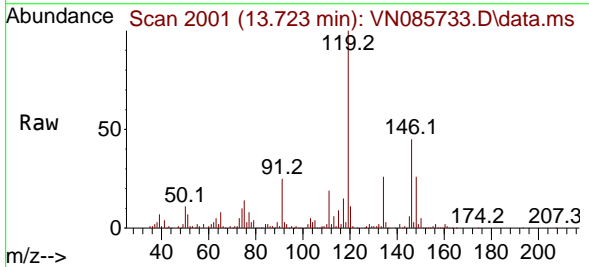
Instrument :  
 MSVOA\_N  
 ClientSampleId :



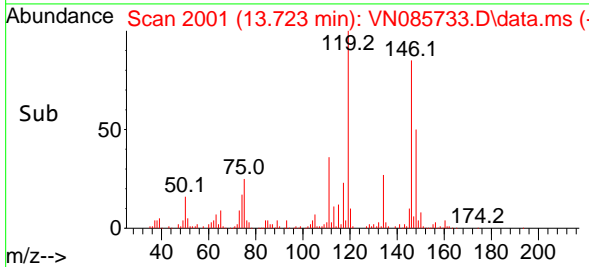
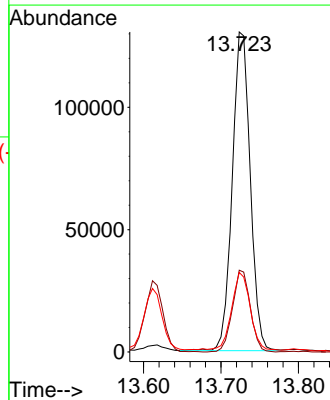
Tgt Ion:105 Resp: 250416  
 Ion Ratio Lower Upper  
 105 100  
 134 18.9 9.7 28.9

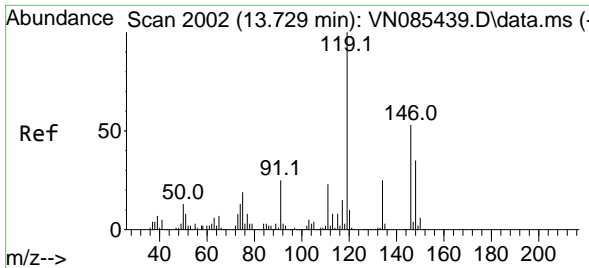


#86  
 p-Isopropyltoluene  
 Concen: 23.155 ug/l  
 RT: 13.723 min Scan# 2001  
 Delta R.T. 0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59



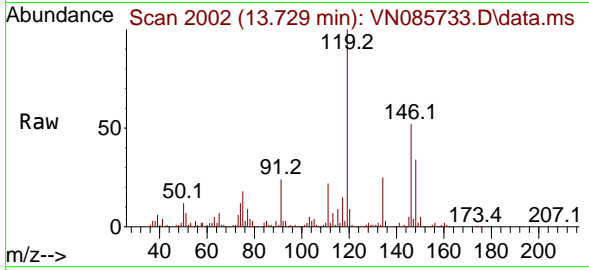
Tgt Ion:119 Resp: 210787  
 Ion Ratio Lower Upper  
 119 100  
 134 25.4 12.7 38.0  
 91 25.3 12.7 38.1





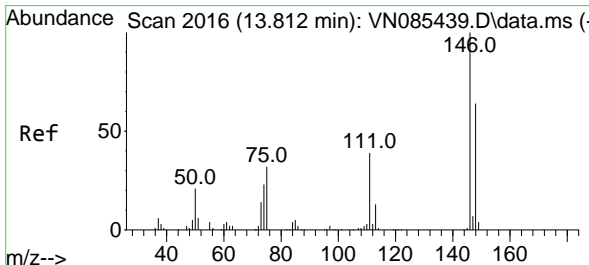
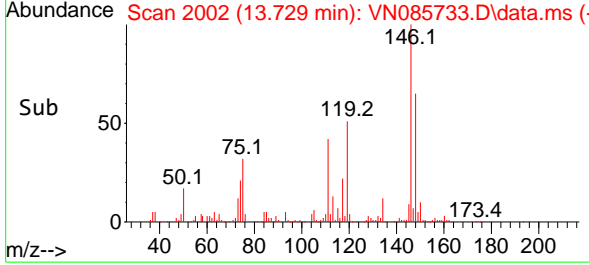
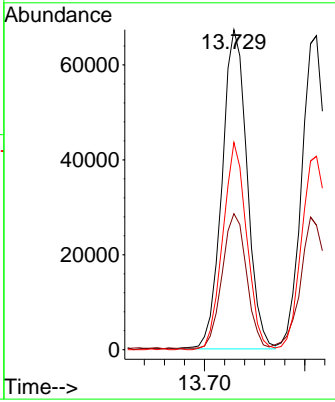
#87  
 1,3-Dichlorobenzene  
 Concen: 21.541 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. 0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

Instrument : MSVOA\_N  
 ClientSampleId :

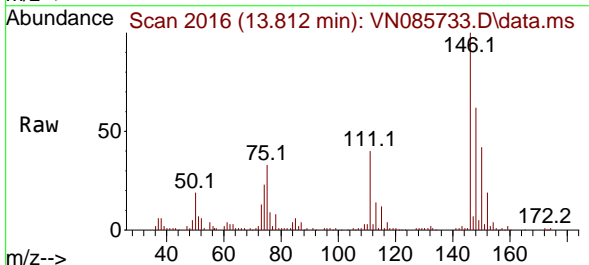


Tgt Ion:146 Resp: 116748

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 41.1  | 21.4  | 64.3  |
| 148 | 62.0  | 32.3  | 96.9  |

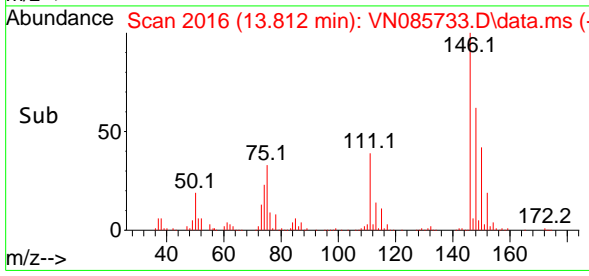
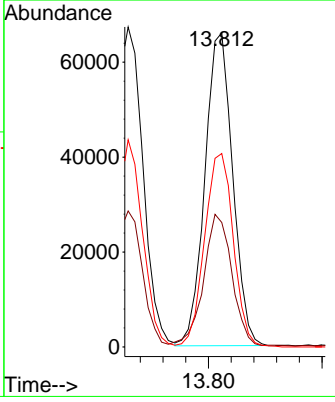


#88  
 1,4-Dichlorobenzene  
 Concen: 19.943 ug/l  
 RT: 13.812 min Scan# 2016  
 Delta R.T. 0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

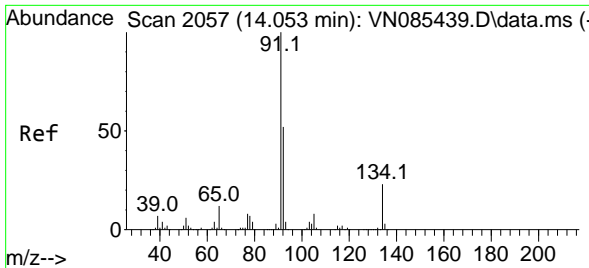


Tgt Ion:146 Resp: 112036

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 43.1  | 21.3  | 63.7  |
| 148 | 64.1  | 32.4  | 97.0  |





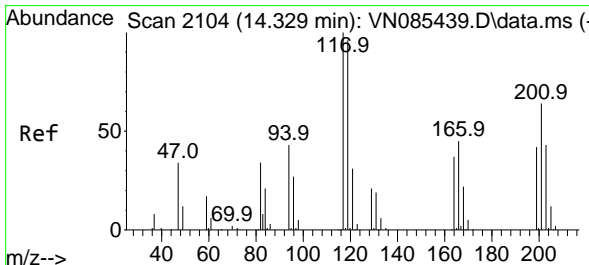
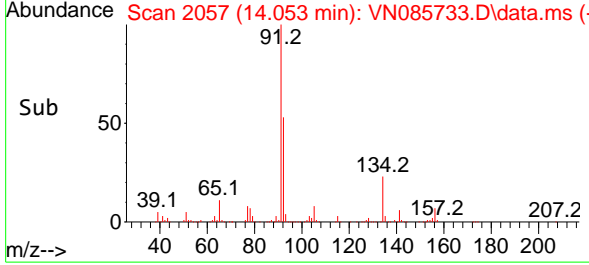
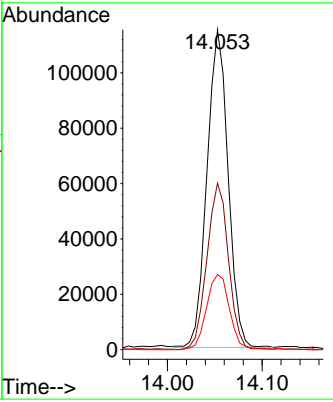
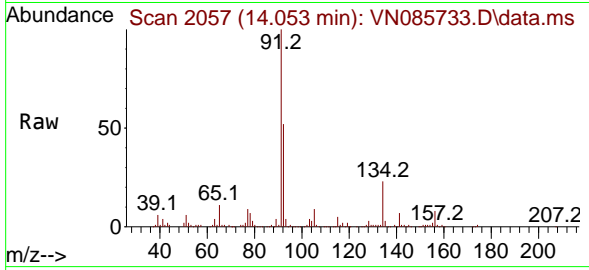


#89  
 n-Butylbenzene  
 Concen: 22.824 ug/l  
 RT: 14.053 min Scan# 2057  
 Delta R.T. 0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

Instrument : MSVOA\_N  
 ClientSampleId :

Tgt Ion: 91 Resp: 177324

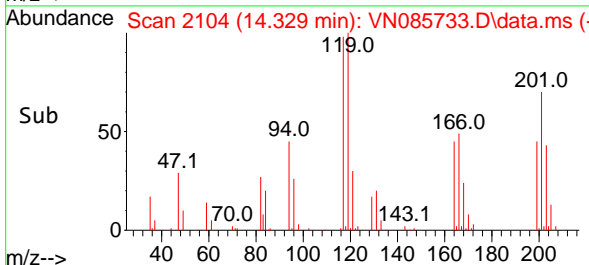
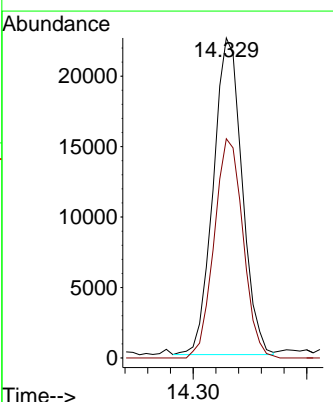
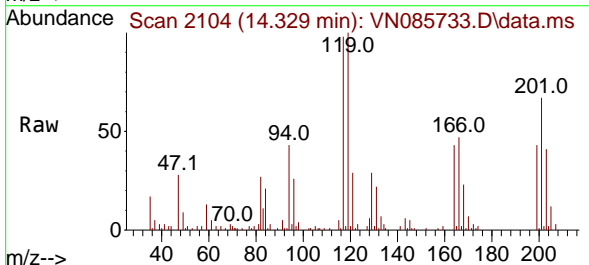
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 53.6  | 25.8  | 77.3  |
| 134 | 25.6  | 11.7  | 35.1  |

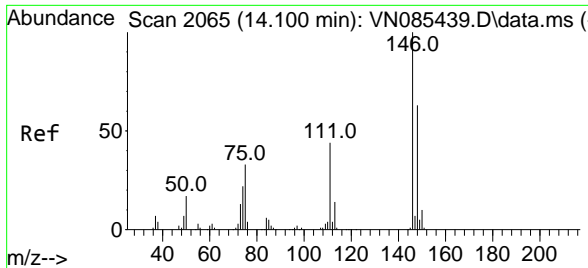


#90  
 Hexachloroethane  
 Concen: 19.226 ug/l  
 RT: 14.329 min Scan# 2104  
 Delta R.T. 0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

Tgt Ion: 117 Resp: 39638

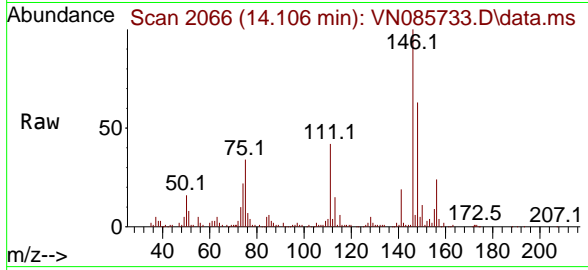
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 201 | 69.2  | 33.7  | 101.0 |



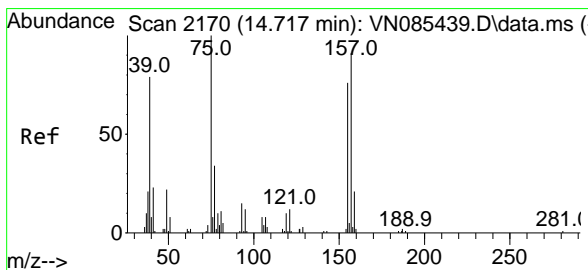
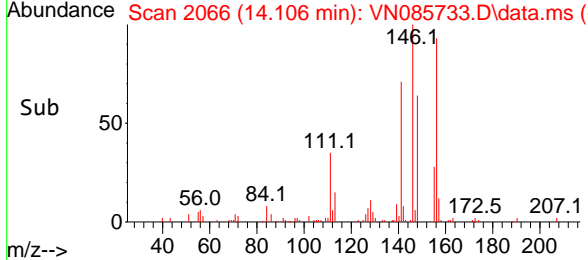
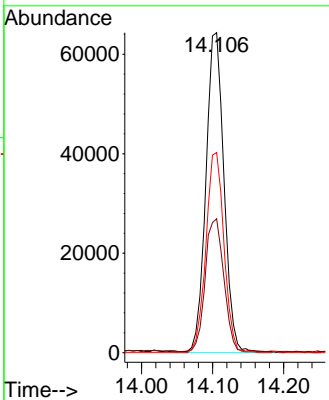


#91  
 1,2-Dichlorobenzene  
 Concen: 21.063 ug/l  
 RT: 14.106 min Scan# 2066  
 Delta R.T. 0.006 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

Instrument : MSVOA\_N  
 ClientSampleId :

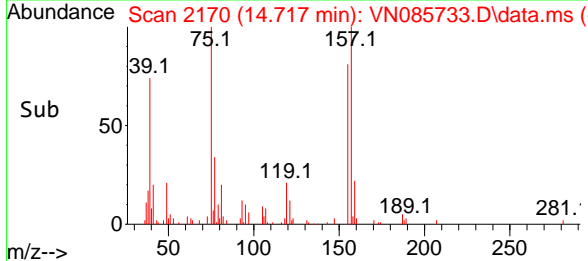
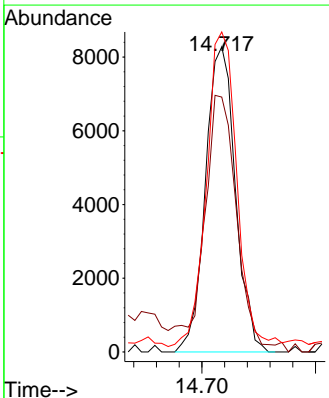
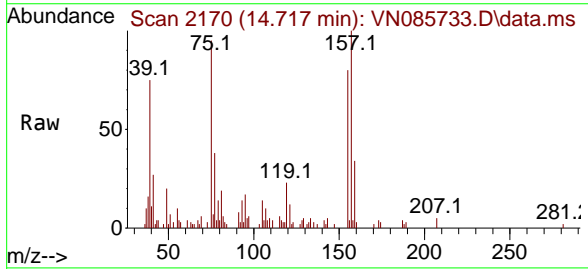


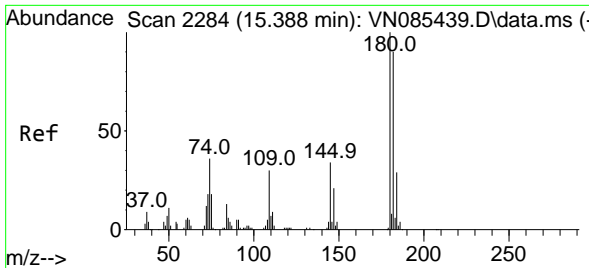
Tgt Ion:146 Resp: 113871  
 Ion Ratio Lower Upper  
 146 100  
 111 42.7 21.7 65.1  
 148 62.1 31.4 94.2



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 20.849 ug/l  
 RT: 14.717 min Scan# 2170  
 Delta R.T. 0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

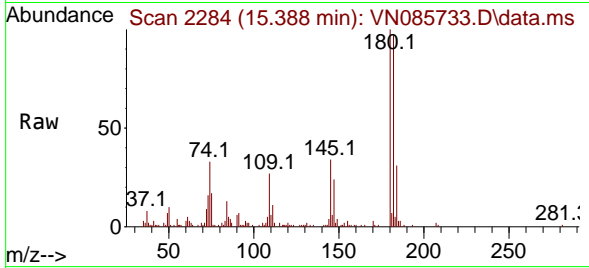
Tgt Ion: 75 Resp: 15149  
 Ion Ratio Lower Upper  
 75 100  
 155 88.3 36.4 109.2  
 157 104.0 45.4 136.1



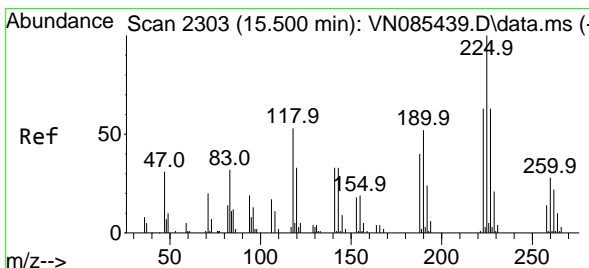
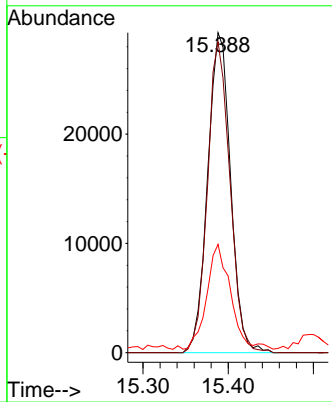
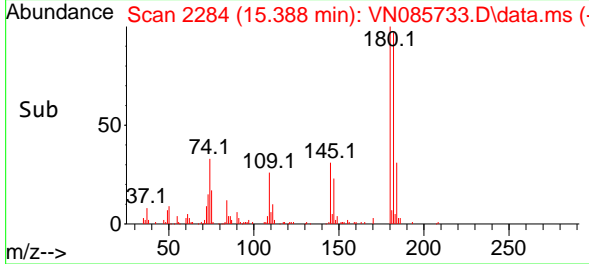


#93  
 1,2,4-Trichlorobenzene  
 Concen: 21.784 ug/l  
 RT: 15.388 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

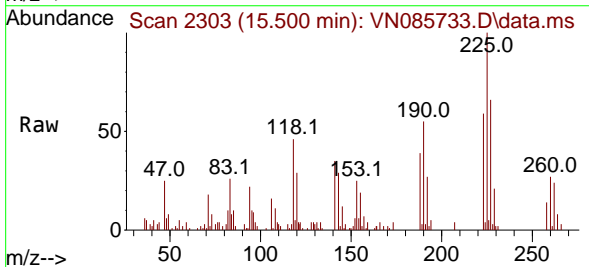
Instrument :  
 MSVOA\_N  
 ClientSampleId :



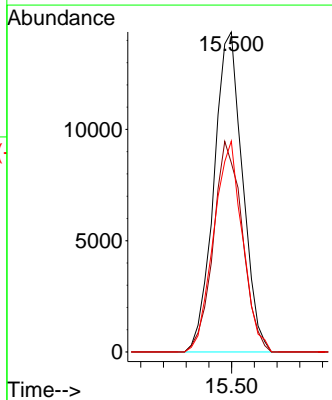
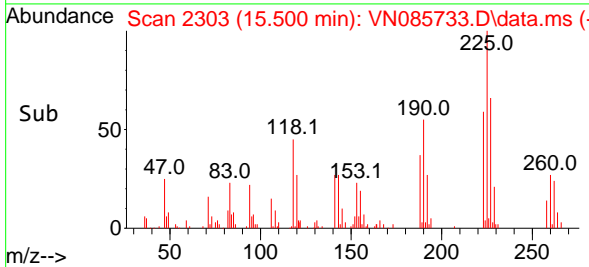
Tgt Ion:180 Resp: 54735  
 Ion Ratio Lower Upper  
 180 100  
 182 95.5 46.8 140.3  
 145 33.6 16.0 48.0

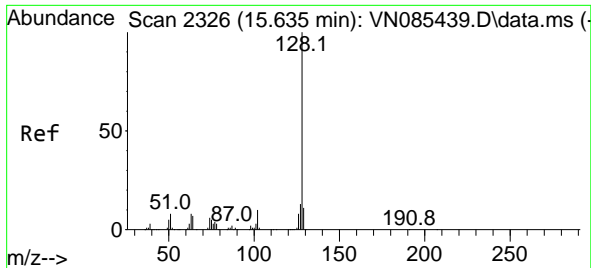


#94  
 Hexachlorobutadiene  
 Concen: 18.849 ug/l  
 RT: 15.500 min Scan# 2303  
 Delta R.T. 0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59



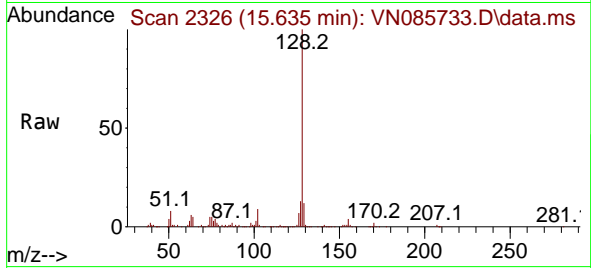
Tgt Ion:225 Resp: 25144  
 Ion Ratio Lower Upper  
 225 100  
 223 66.6 30.7 92.1  
 227 66.4 30.9 92.5





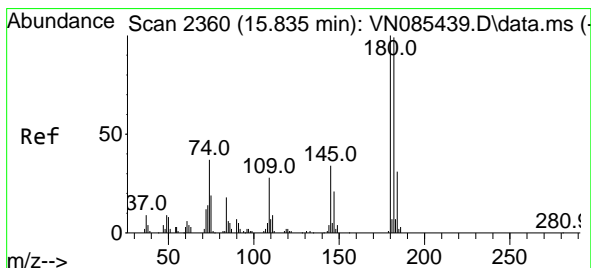
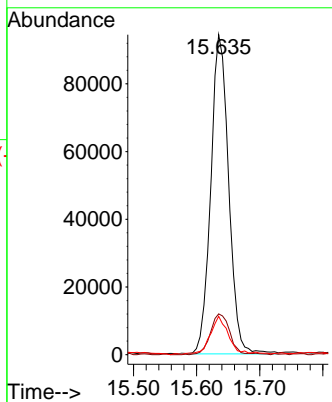
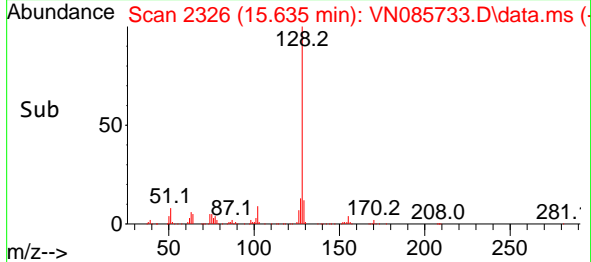
#95  
 Naphthalene  
 Concen: 24.756 ug/l  
 RT: 15.635 min Scan# 2326  
 Delta R.T. 0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59

Instrument : MSVOA\_N  
 ClientSampleId :

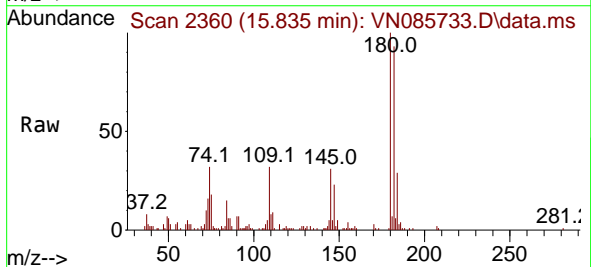


Tgt Ion:128 Resp: 185618

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 14.0  | 10.6  | 16.0  |
| 129 | 13.0  | 8.8   | 13.2  |



#96  
 1,2,3-Trichlorobenzene  
 Concen: 20.949 ug/l  
 RT: 15.835 min Scan# 2360  
 Delta R.T. 0.000 min  
 Lab File: VN085733.D  
 Acq: 10 Feb 2025 18:59



Tgt Ion:180 Resp: 53261

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 92.9  | 47.4  | 142.2 |
| 145 | 37.0  | 16.9  | 50.7  |

