

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN021925\  
 Data File : VN085786.D  
 Acq On : 19 Feb 2025 13:22  
 Operator : JC\MD  
 Sample : VN0219WBSD01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Feb 20 00:47:10 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021825W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 19 03:43:32 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.224  | 168  | 291949   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.094  | 114  | 482343   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.859 | 117  | 419097   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.788 | 152  | 199880   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.571  | 65    | 209994   | 55.480   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 110.960% |      |
| 35) Dibromofluoromethane    | 8.159  | 113   | 172581   | 54.680   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 109.360% |      |
| 50) Toluene-d8              | 10.559 | 98    | 633017   | 55.125   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 110.260% |      |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 214234   | 56.623   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | = 113.240% |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.124 | 85  | 68335  | 17.208  | ug/l   | 99  |
| 3) Chloromethane             | 2.359 | 50  | 65887  | 16.535  | ug/l   | 97  |
| 4) Vinyl Chloride            | 2.518 | 62  | 70955  | 16.817  | ug/l   | 95  |
| 5) Bromomethane              | 2.965 | 94  | 46166  | 17.113  | ug/l   | 92  |
| 6) Chloroethane              | 3.124 | 64  | 45233  | 16.186  | ug/l   | 98  |
| 7) Trichlorofluoromethane    | 3.506 | 101 | 102093 | 16.713  | ug/l   | 98  |
| 8) Diethyl Ether             | 3.959 | 74  | 36195  | 18.313  | ug/l   | 100 |
| 9) 1,1,2-Trichlorotrifluo... | 4.371 | 101 | 60484  | 17.129  | ug/l   | 99  |
| 10) Methyl Iodide            | 4.589 | 142 | 76448  | 17.564  | ug/l   | 99  |
| 11) Tert butyl alcohol       | 5.512 | 59  | 41697  | 89.569  | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 4.342 | 96  | 54998  | 17.178  | ug/l   | 97  |
| 13) Acrolein                 | 4.177 | 56  | 65423  | 94.768  | ug/l   | 99  |
| 14) Allyl chloride           | 5.024 | 41  | 72622  | 17.277  | ug/l   | 97  |
| 15) Acrylonitrile            | 5.712 | 53  | 136306 | 90.066  | ug/l   | 99  |
| 16) Acetone                  | 4.418 | 43  | 108199 | 90.343  | ug/l   | 98  |
| 17) Carbon Disulfide         | 4.712 | 76  | 151093 | 15.924  | ug/l   | 99  |
| 18) Methyl Acetate           | 5.018 | 43  | 74381  | 18.057  | ug/l   | 96  |
| 19) Methyl tert-butyl Ether  | 5.794 | 73  | 182911 | 19.226  | ug/l   | 100 |
| 20) Methylene Chloride       | 5.271 | 84  | 66321  | 17.220  | ug/l   | 99  |
| 21) trans-1,2-Dichloroethene | 5.783 | 96  | 58286  | 16.907  | ug/l   | 95  |
| 22) Diisopropyl ether        | 6.665 | 45  | 182697 | 19.235  | ug/l   | 99  |
| 23) Vinyl Acetate            | 6.600 | 43  | 676693 | 104.052 | ug/l   | 100 |
| 24) 1,1-Dichloroethane       | 6.565 | 63  | 111812 | 17.317  | ug/l   | 100 |
| 25) 2-Butanone               | 7.477 | 43  | 161082 | 91.422  | ug/l   | 97  |
| 26) 2,2-Dichloropropane      | 7.483 | 77  | 98544  | 17.164  | ug/l   | 100 |
| 27) cis-1,2-Dichloroethene   | 7.483 | 96  | 70342  | 17.598  | ug/l   | 99  |
| 28) Bromochloromethane       | 7.812 | 49  | 49350  | 18.596  | ug/l   | 99  |
| 29) Tetrahydrofuran          | 7.835 | 42  | 107184 | 94.205  | ug/l   | 100 |
| 30) Chloroform               | 7.959 | 83  | 117979 | 17.485  | ug/l   | 96  |
| 31) Cyclohexane              | 8.253 | 56  | 88578  | 16.385  | ug/l   | 97  |
| 32) 1,1,1-Trichloroethane    | 8.165 | 97  | 103361 | 17.222  | ug/l   | 97  |
| 36) 1,1-Dichloropropene      | 8.365 | 75  | 77917  | 17.443  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.553 | 43  | 69804  | 18.989  | ug/l   | 97  |
| 38) Carbon Tetrachloride     | 8.359 | 117 | 90380  | 17.028  | ug/l   | 94  |
| 39) Methylcyclohexane        | 9.594 | 83  | 75943  | 17.306  | ug/l   | 95  |
| 40) Benzene                  | 8.600 | 78  | 254524 | 17.778  | ug/l   | 100 |

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 Sample : VN0219WBSD01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Feb 20 00:47:10 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021825W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 19 03:43:32 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.771  | 41   | 38602    | 19.644  | ug/l   | 99       |
| 42) 1,2-Dichloroethane        | 8.665  | 62   | 85033    | 18.234  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.682  | 43   | 119146   | 18.120  | ug/l   | 100      |
| 44) Trichloroethene           | 9.347  | 130  | 58797    | 16.727  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.618  | 63   | 62628    | 18.123  | ug/l   | 99       |
| 46) Dibromomethane            | 9.706  | 93   | 44217    | 18.140  | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.882  | 83   | 93945    | 18.014  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.677  | 41   | 51605    | 18.903  | ug/l   | 99       |
| 49) 1,4-Dioxane               | 9.688  | 88   | 19373    | 373.170 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone      | 10.441 | 43   | 341162   | 96.260  | ug/l   | 100      |
| 52) Toluene                   | 10.624 | 92   | 157605   | 18.780  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.829 | 75   | 90168    | 18.698  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.306 | 75   | 99549    | 18.825  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 11.012 | 97   | 59722    | 17.898  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.871 | 69   | 82232    | 18.745  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 11.159 | 76   | 101726   | 18.263  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.153 | 63   | 205579   | 127.372 | ug/l   | 100      |
| 59) 2-Hexanone                | 11.188 | 43   | 237858   | 97.555  | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.353 | 129  | 73246    | 18.852  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.465 | 107  | 58358    | 18.511  | ug/l   | 98       |
| 64) Tetrachloroethene         | 11.100 | 164  | 56894    | 17.523  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.888 | 112  | 167918   | 17.490  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.953 | 131  | 61128    | 17.714  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.959 | 91   | 269597   | 17.926  | ug/l   | 97       |
| 68) m/p-Xylenes               | 12.065 | 106  | 214661   | 37.576  | ug/l   | 99       |
| 69) o-Xylene                  | 12.394 | 106  | 100658   | 18.543  | ug/l   | 100      |
| 70) Styrene                   | 12.406 | 104  | 168188   | 18.098  | ug/l   | 98       |
| 71) Bromoform                 | 12.576 | 173  | 47351    | 18.466  | ug/l # | 96       |
| 73) Isopropylbenzene          | 12.694 | 105  | 248434   | 18.142  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.488 | 43   | 88150    | 18.254  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 82814    | 17.575  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.988 | 75   | 105996   | 23.873  | ug/l   | 57       |
| 77) Bromobenzene              | 12.976 | 156  | 65513    | 17.708  | ug/l   | 95       |
| 78) n-propylbenzene           | 13.029 | 91   | 292124   | 18.627  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 186830   | 17.830  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.170 | 105  | 212280   | 19.030  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.729 | 75   | 27548    | 18.103  | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 13.217 | 91   | 187674   | 18.067  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.435 | 119  | 172030   | 18.340  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.476 | 105  | 210395   | 19.064  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.612 | 105  | 245503   | 18.524  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.723 | 119  | 202304   | 17.957  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.729 | 146  | 120286   | 17.354  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.806 | 146  | 121293   | 17.073  | ug/l   | 100      |
| 89) n-Butylbenzene            | 14.053 | 91   | 162853   | 17.307  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.329 | 117  | 41839    | 16.669  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 14.100 | 146  | 113836   | 17.079  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.717 | 75   | 14204    | 16.415  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.388 | 180  | 52980    | 16.681  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.494 | 225  | 30731    | 15.921  | ug/l   | 97       |
| 95) Naphthalene               | 15.635 | 128  | 144340   | 16.554  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.835 | 180  | 53127    | 16.662  | ug/l   | 99       |

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Sample : VN0219WBSD01  
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ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Feb 20 00:47:10 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021825W.M  
Quant Title : SW846 8260  
QLast Update : Wed Feb 19 03:43:32 2025  
Response via : Initial Calibration

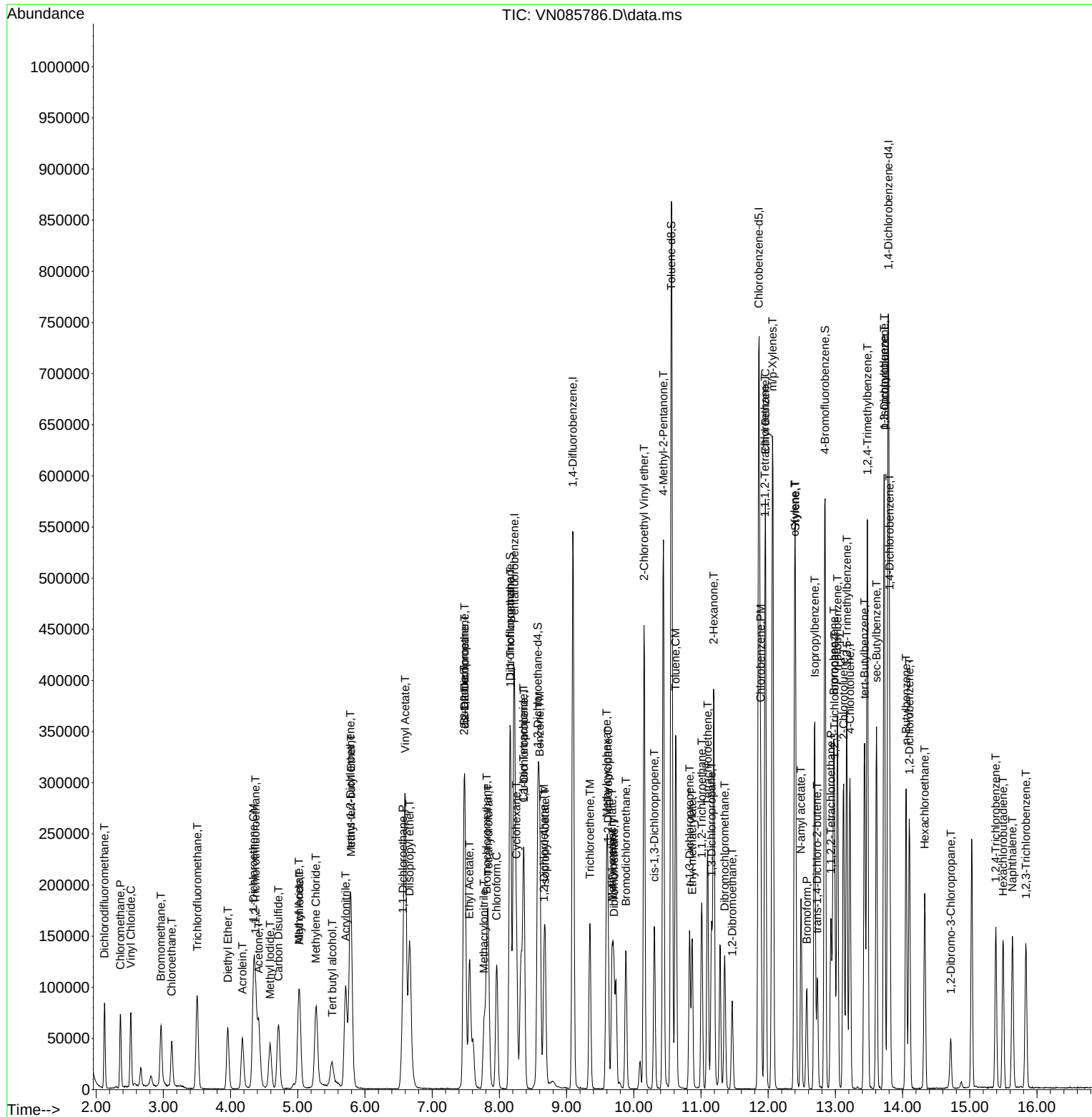
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

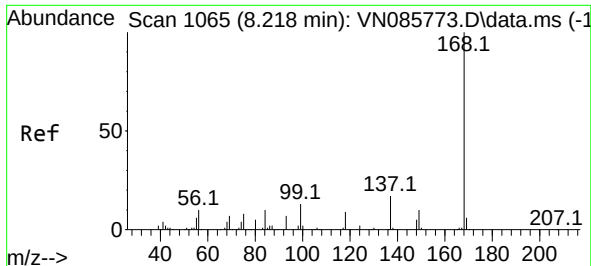
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VN0219WBSD01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
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Quant Time: Feb 20 00:47:10 2025  
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Quant Title : SW846 8260  
QLast Update : Wed Feb 19 03:43:32 2025  
Response via : Initial Calibration

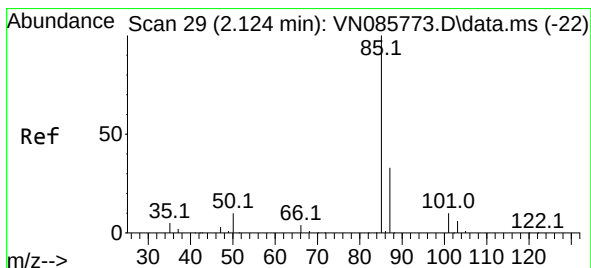
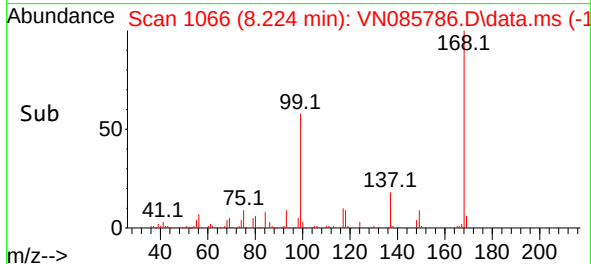
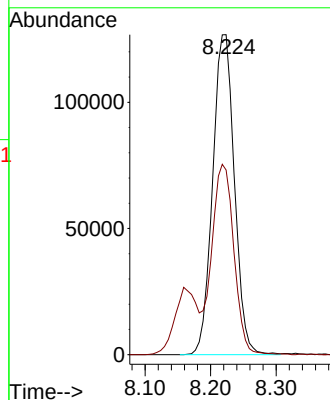
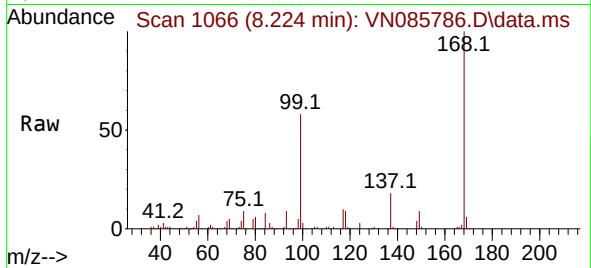




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. 0.006 min  
Lab File: VN085786.D  
Acq: 19 Feb 2025 13:22

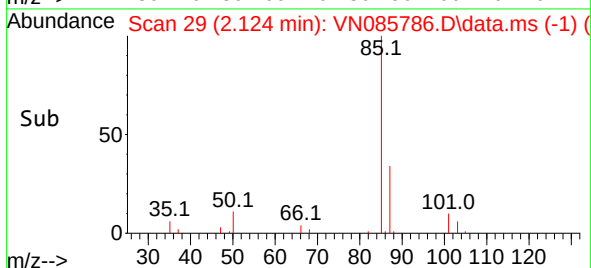
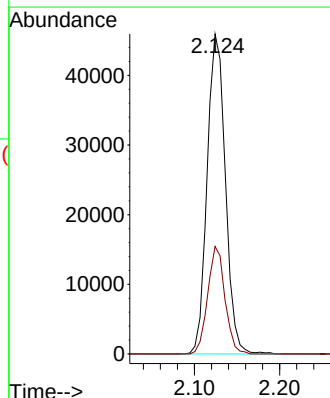
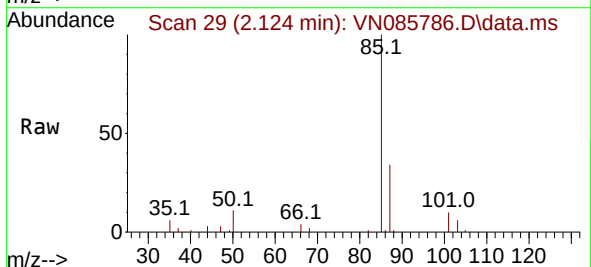
Instrument :  
MSVOA\_N  
ClientSampleId :

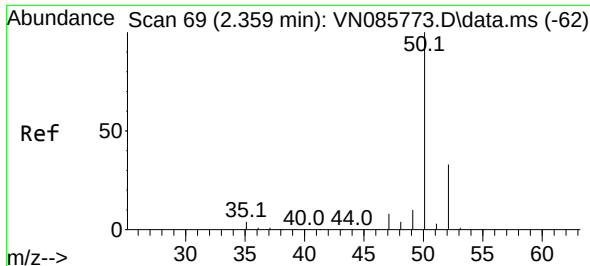
Tgt Ion:168 Resp: 291949  
Ion Ratio Lower Upper  
168 100  
99 57.4 47.9 71.9



#2  
Dichlorodifluoromethane  
Concen: 17.208 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. -0.000 min  
Lab File: VN085786.D  
Acq: 19 Feb 2025 13:22

Tgt Ion: 85 Resp: 68335  
Ion Ratio Lower Upper  
85 100  
87 33.6 16.4 49.2

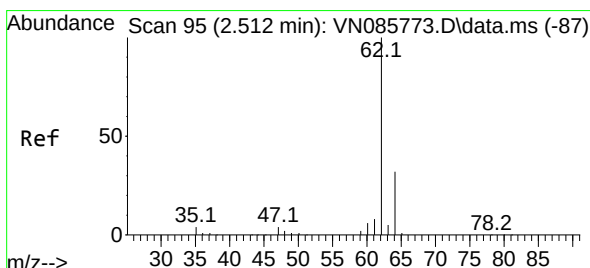
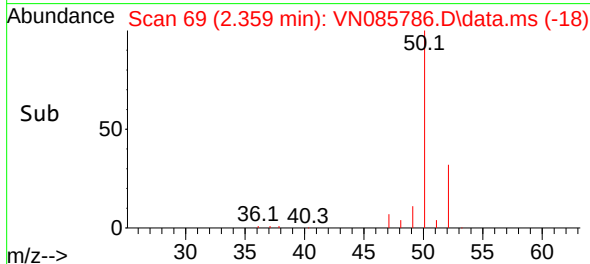
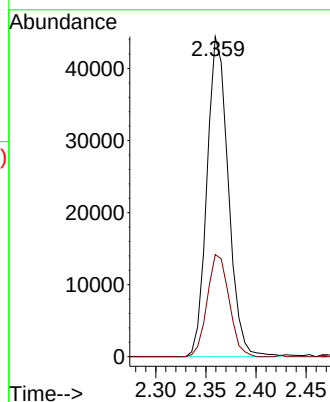
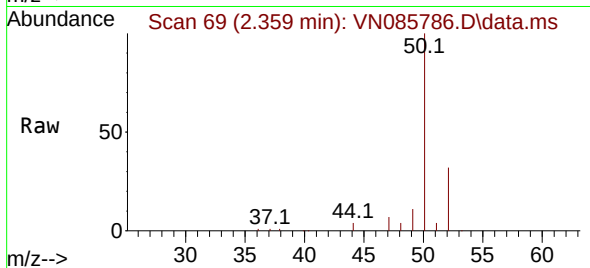




#3  
Chloromethane  
Concen: 16.535 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. -0.000 min  
Lab File: VN085786.D  
Acq: 19 Feb 2025 13:22

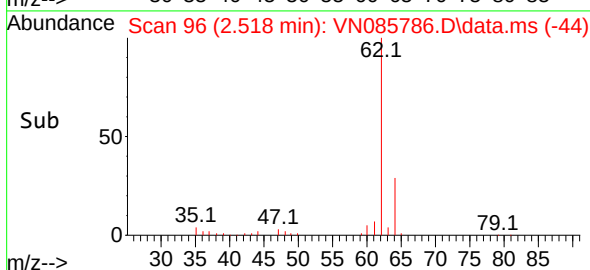
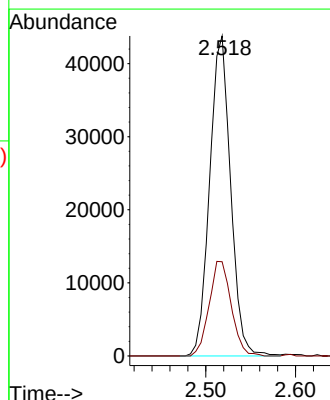
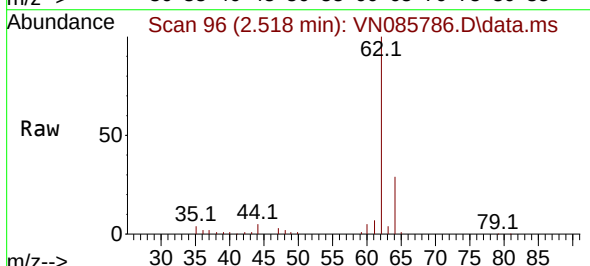
Instrument :  
MSVOA\_N  
ClientSampleId :

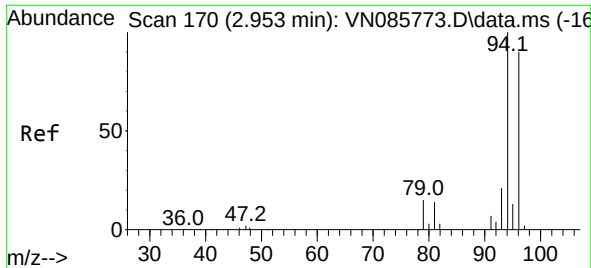
Tgt Ion: 50 Resp: 65887  
Ion Ratio Lower Upper  
50 100  
52 31.9 26.7 40.1



#4  
Vinyl Chloride  
Concen: 16.817 ug/l  
RT: 2.518 min Scan# 96  
Delta R.T. 0.006 min  
Lab File: VN085786.D  
Acq: 19 Feb 2025 13:22

Tgt Ion: 62 Resp: 70955  
Ion Ratio Lower Upper  
62 100  
64 29.5 25.9 38.9

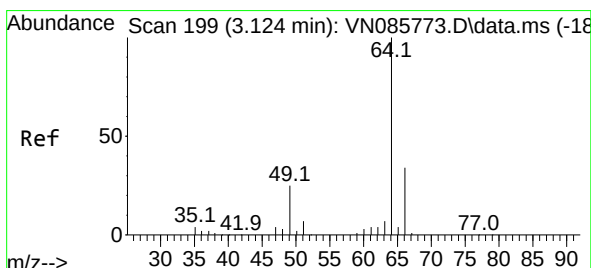
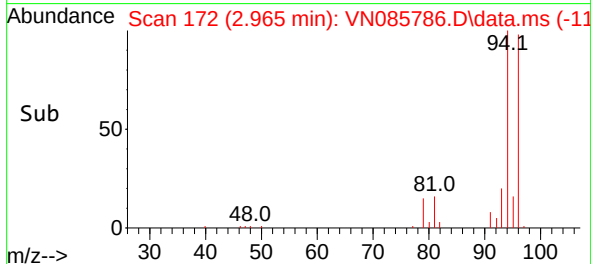
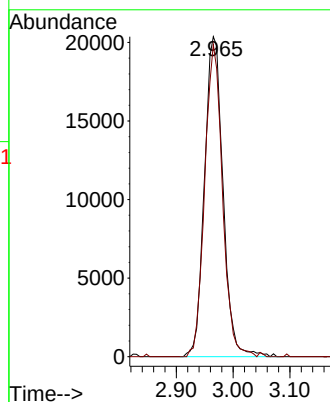
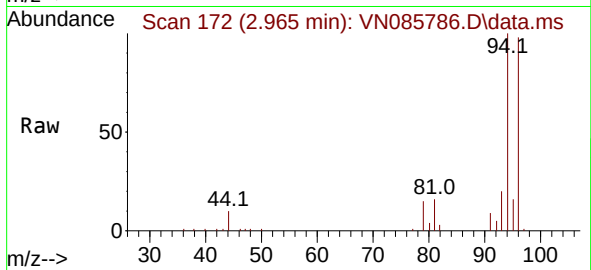




#5  
Bromomethane  
Concen: 17.113 ug/l  
RT: 2.965 min Scan# 1  
Delta R.T. 0.012 min  
Lab File: VN085786.D  
Acq: 19 Feb 2025 13:22

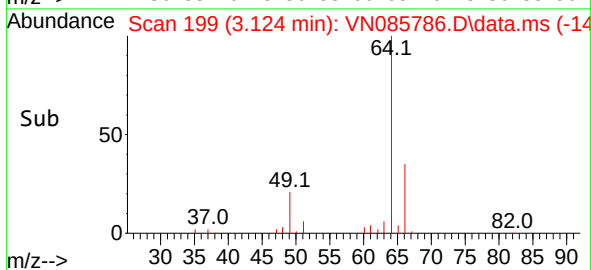
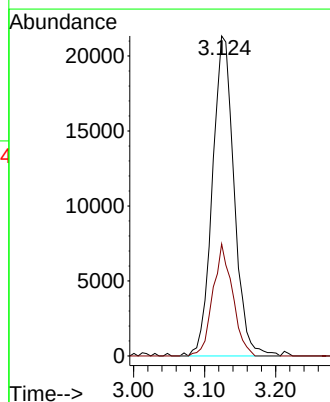
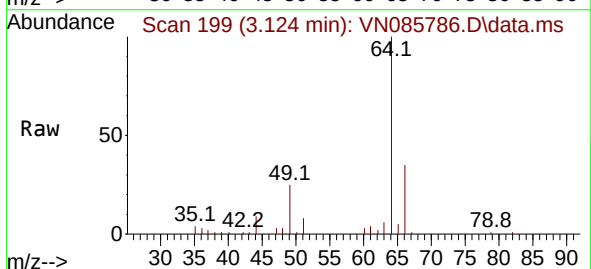
Instrument :  
MSVOA\_N  
ClientSampleId :

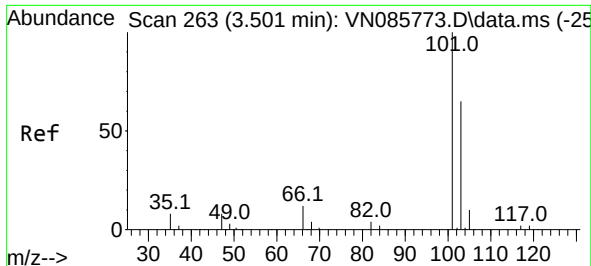
Tgt Ion: 94 Resp: 46166  
Ion Ratio Lower Upper  
94 100  
96 97.5 71.7 107.5



#6  
Chloroethane  
Concen: 16.186 ug/l  
RT: 3.124 min Scan# 199  
Delta R.T. -0.000 min  
Lab File: VN085786.D  
Acq: 19 Feb 2025 13:22

Tgt Ion: 64 Resp: 45233  
Ion Ratio Lower Upper  
64 100  
66 35.0 27.0 40.6

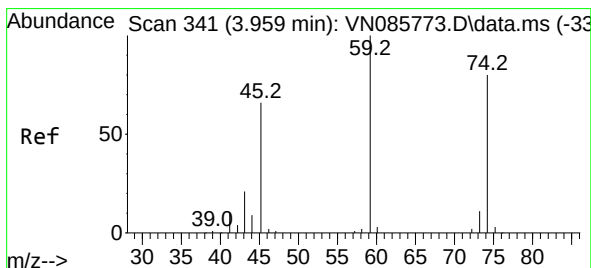
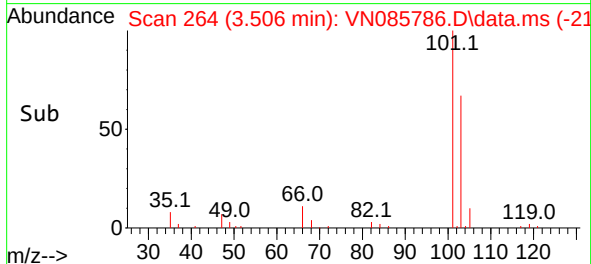
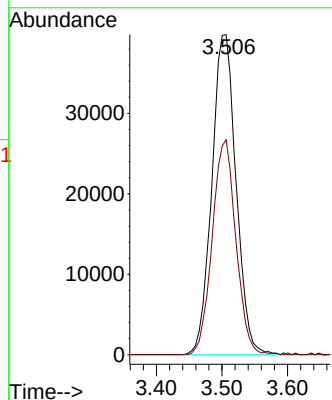
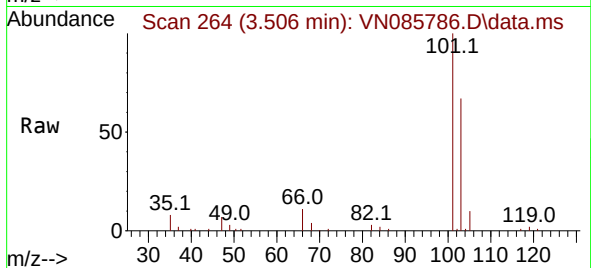




#7  
Trichlorofluoromethane  
Concen: 16.713 ug/l  
RT: 3.506 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VN085786.D  
Acq: 19 Feb 2025 13:22

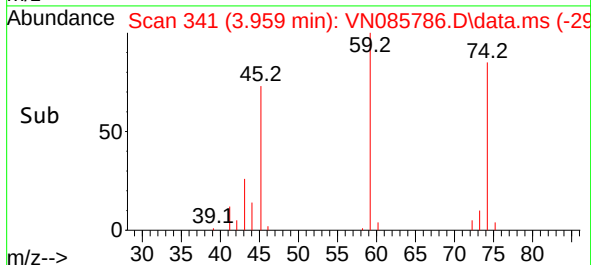
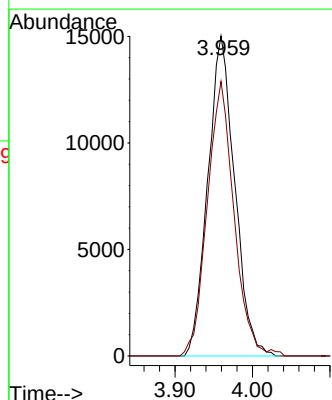
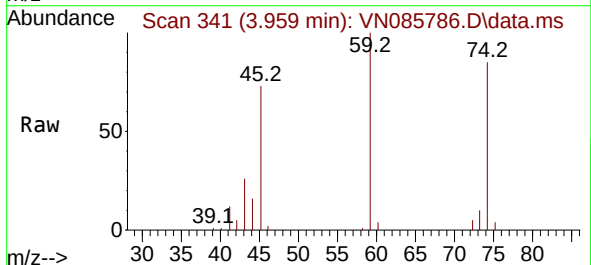
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:101 Resp: 102093  
Ion Ratio Lower Upper  
101 100  
103 67.2 52.2 78.4

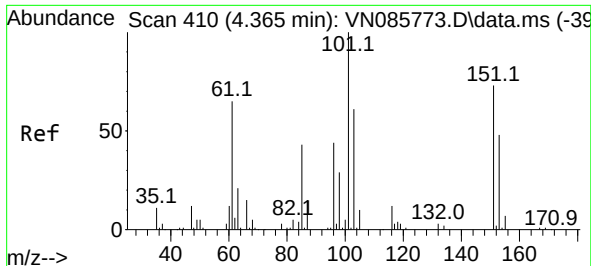


#8  
Diethyl Ether  
Concen: 18.313 ug/l  
RT: 3.959 min Scan# 341  
Delta R.T. -0.000 min  
Lab File: VN085786.D  
Acq: 19 Feb 2025 13:22

Tgt Ion: 74 Resp: 36195  
Ion Ratio Lower Upper  
74 100  
45 85.4 42.5 127.6



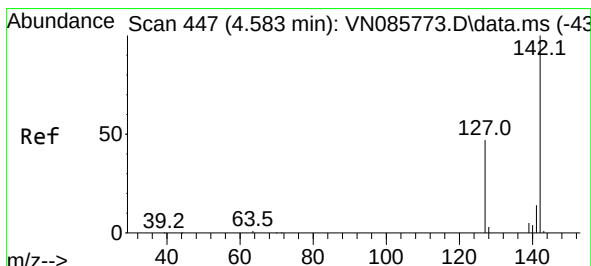
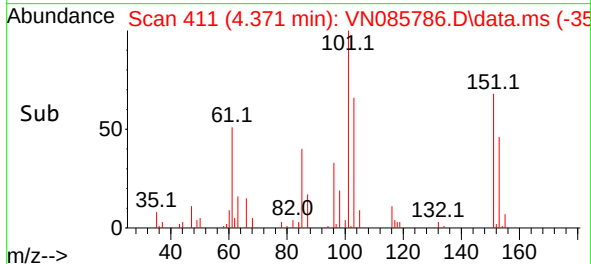
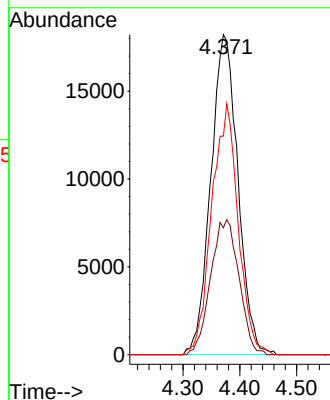
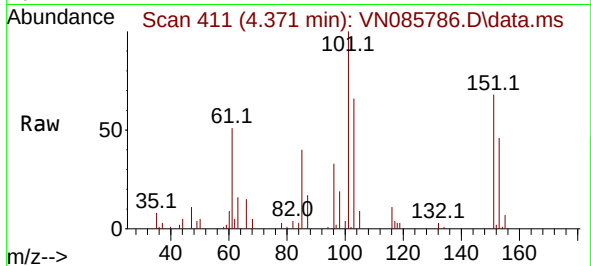




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 17.129 ug/l  
RT: 4.371 min Scan# 411  
Delta R.T. 0.006 min  
Lab File: VN085786.D  
Acq: 19 Feb 2025 13:22

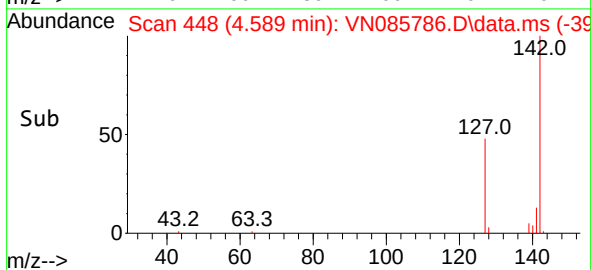
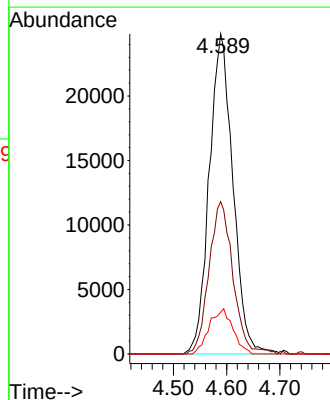
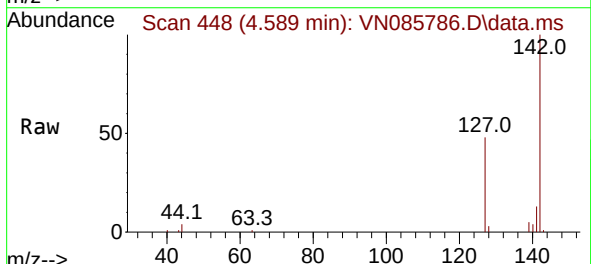
Instrument :  
MSVOA\_N  
ClientSampleId :

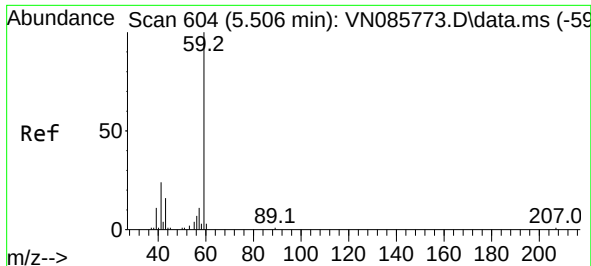
Tgt Ion:101 Resp: 60484  
Ion Ratio Lower Upper  
101 100  
85 44.0 35.7 53.5  
151 76.2 61.4 92.2



#10  
Methyl Iodide  
Concen: 17.564 ug/l  
RT: 4.589 min Scan# 448  
Delta R.T. 0.006 min  
Lab File: VN085786.D  
Acq: 19 Feb 2025 13:22

Tgt Ion:142 Resp: 76448  
Ion Ratio Lower Upper  
142 100  
127 47.6 37.6 56.4  
141 13.1 11.4 17.2

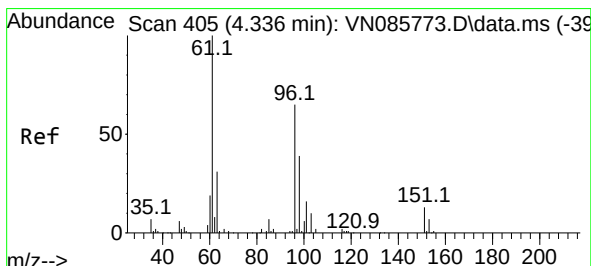
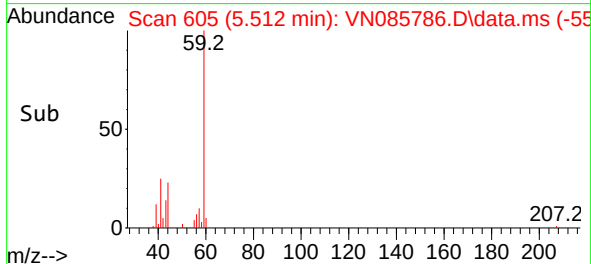
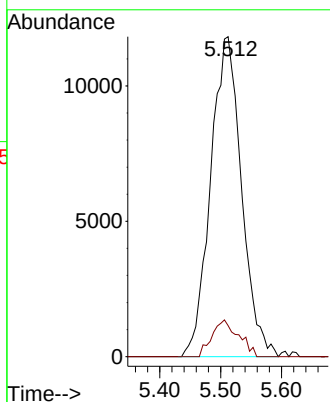
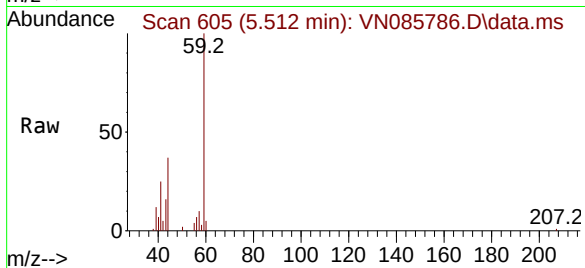




#11  
Tert butyl alcohol  
Concen: 89.569 ug/l  
RT: 5.512 min Scan# 604  
Delta R.T. 0.006 min  
Lab File: VN085786.D  
Acq: 19 Feb 2025 13:22

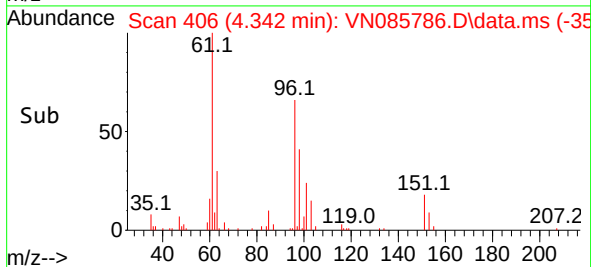
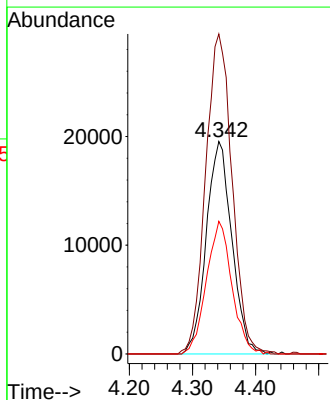
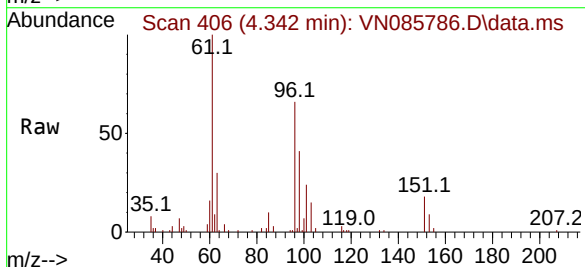
Instrument :  
MSVOA\_N  
ClientSampleId :

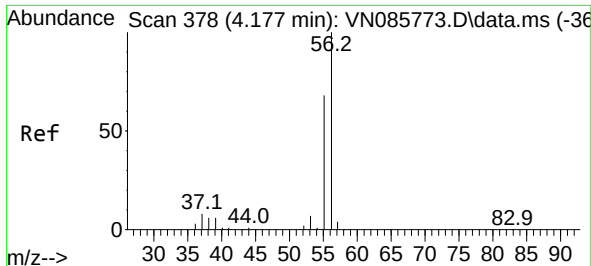
Tgt Ion: 59 Resp: 41697  
Ion Ratio Lower Upper  
59 100  
57 9.8 8.3 12.5



#12  
1,1-Dichloroethene  
Concen: 17.178 ug/l  
RT: 4.342 min Scan# 406  
Delta R.T. 0.006 min  
Lab File: VN085786.D  
Acq: 19 Feb 2025 13:22

Tgt Ion: 96 Resp: 54998  
Ion Ratio Lower Upper  
96 100  
61 150.6 123.3 184.9  
98 62.4 48.6 72.8

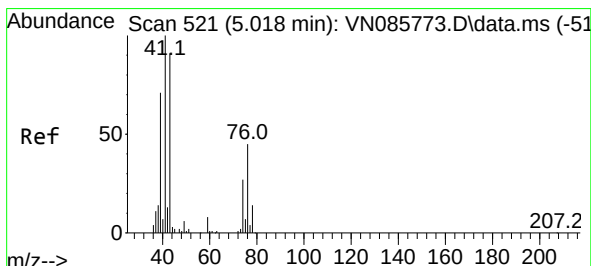
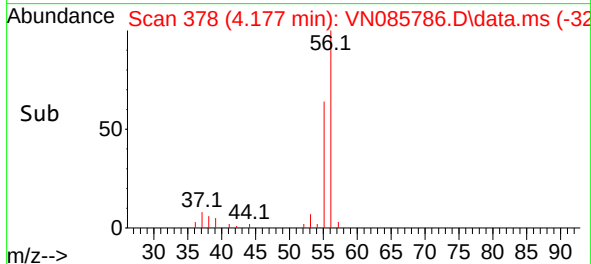
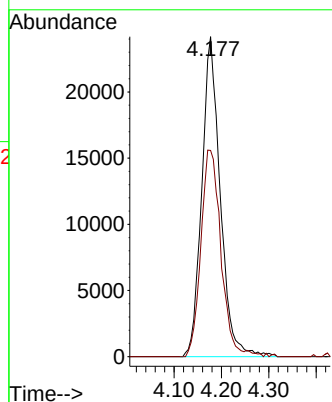
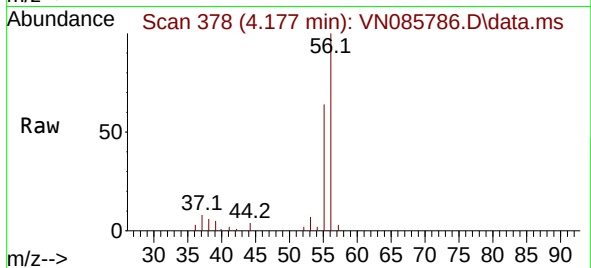




#13  
Acrolein  
Concen: 94.768 ug/l  
RT: 4.177 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN085786.D  
Acq: 19 Feb 2025 13:22

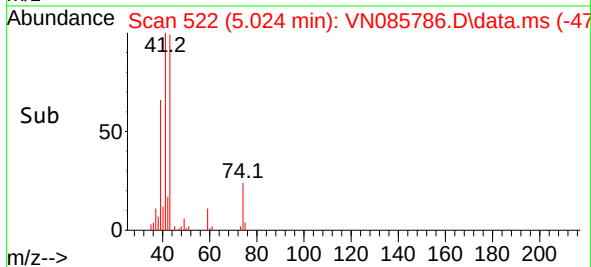
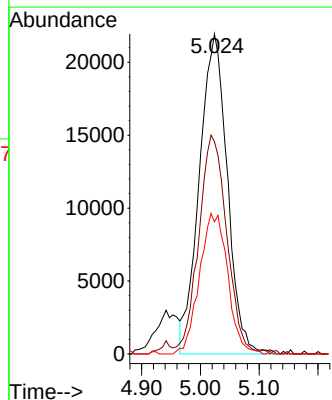
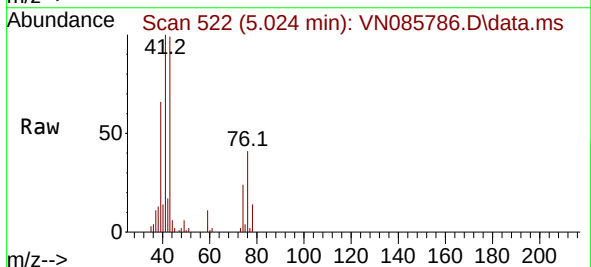
Instrument :  
MSVOA\_N  
ClientSampleId :

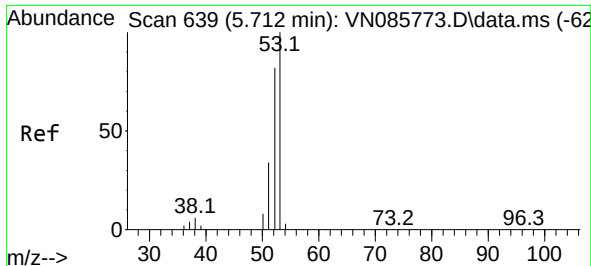
Tgt Ion: 56 Resp: 65423  
Ion Ratio Lower Upper  
56 100  
55 70.2 55.3 82.9



#14  
Allyl chloride  
Concen: 17.277 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. 0.006 min  
Lab File: VN085786.D  
Acq: 19 Feb 2025 13:22

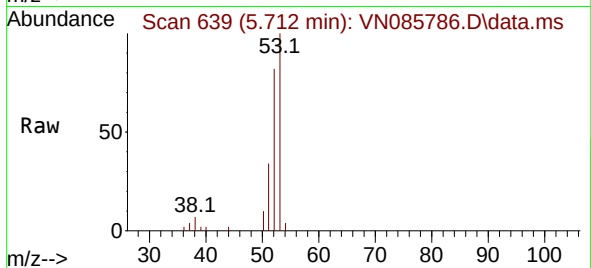
Tgt Ion: 41 Resp: 72622  
Ion Ratio Lower Upper  
41 100  
39 68.8 57.4 86.2  
76 44.3 36.2 54.2



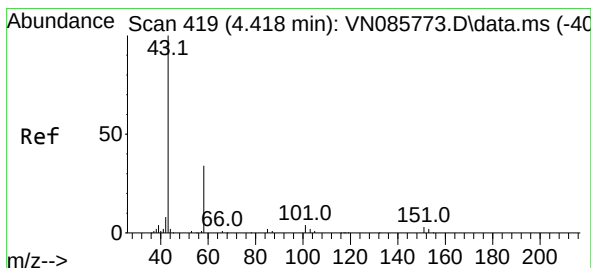
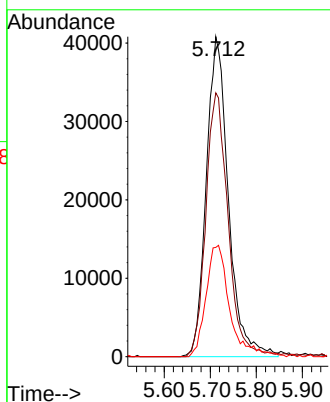
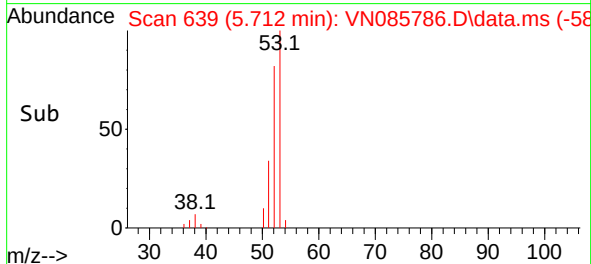


#15  
Acrylonitrile  
Concen: 90.066 ug/l  
RT: 5.712 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN085786.D  
Acq: 19 Feb 2025 13:22

Instrument :  
MSVOA\_N  
ClientSampleId :

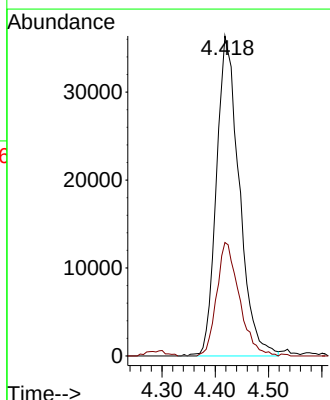
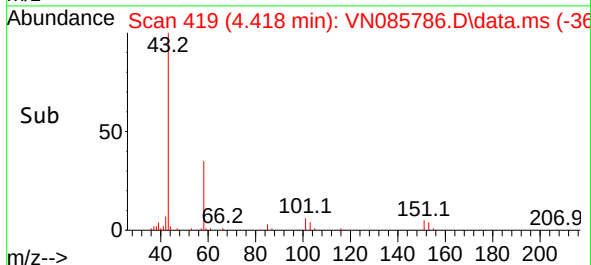
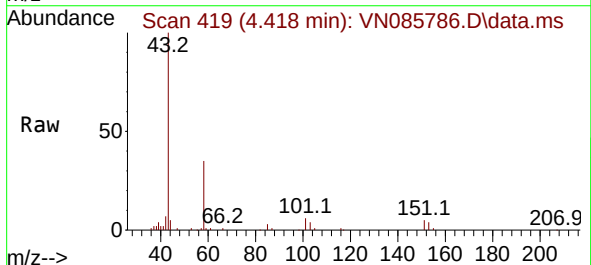


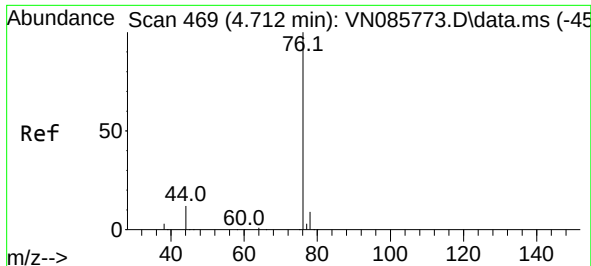
Tgt Ion: 53 Resp: 136306  
Ion Ratio Lower Upper  
53 100  
52 82.7 65.8 98.6  
51 37.2 28.6 42.8



#16  
Acetone  
Concen: 90.343 ug/l  
RT: 4.418 min Scan# 419  
Delta R.T. -0.000 min  
Lab File: VN085786.D  
Acq: 19 Feb 2025 13:22

Tgt Ion: 43 Resp: 108199  
Ion Ratio Lower Upper  
43 100  
58 35.4 27.5 41.3

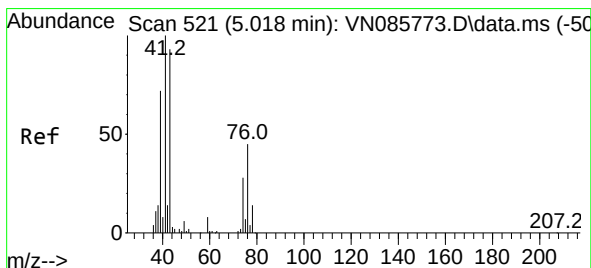
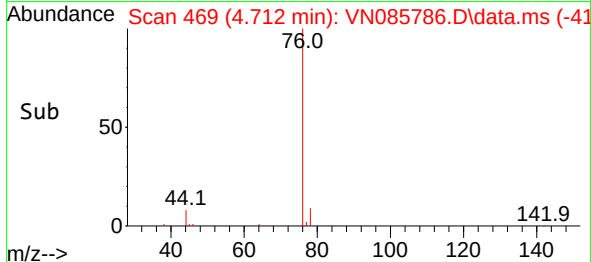
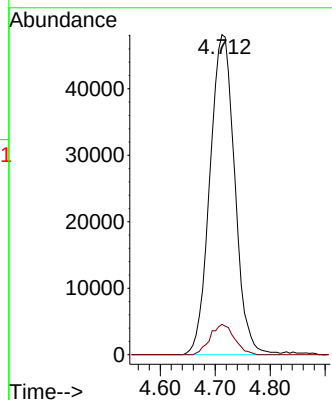
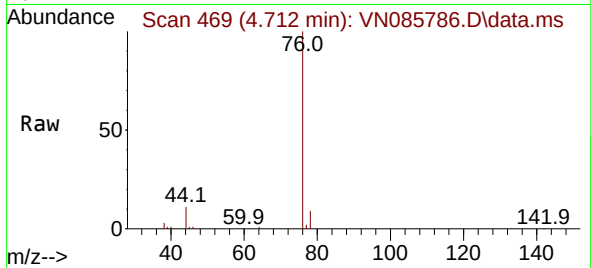




#17  
Carbon Disulfide  
Concen: 15.924 ug/l  
RT: 4.712 min Scan# 469  
Delta R.T. -0.000 min  
Lab File: VN085786.D  
Acq: 19 Feb 2025 13:22

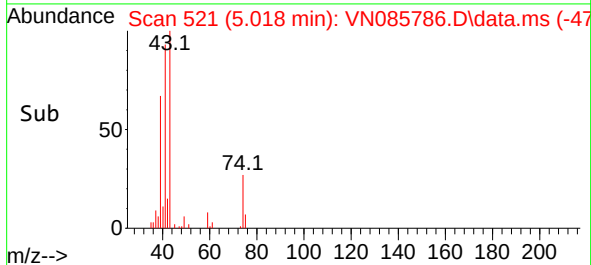
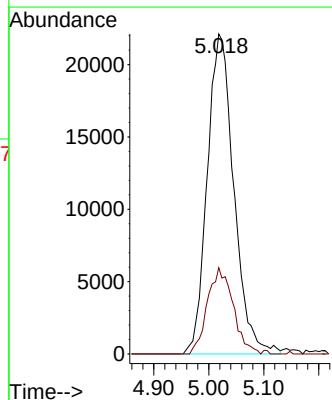
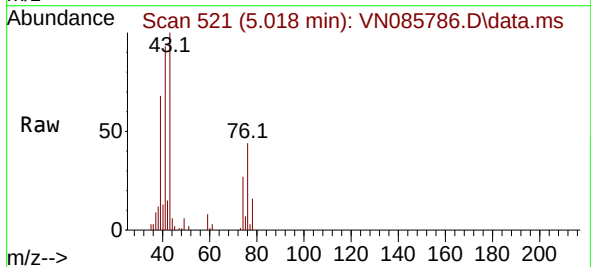
Instrument :  
MSVOA\_N  
ClientSampleId :

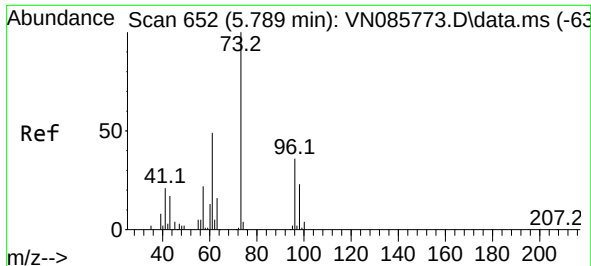
Tgt Ion: 76 Resp: 151093  
Ion Ratio Lower Upper  
76 100  
78 9.5 7.4 11.0



#18  
Methyl Acetate  
Concen: 18.057 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. -0.000 min  
Lab File: VN085786.D  
Acq: 19 Feb 2025 13:22

Tgt Ion: 43 Resp: 74381  
Ion Ratio Lower Upper  
43 100  
74 25.9 22.2 33.4

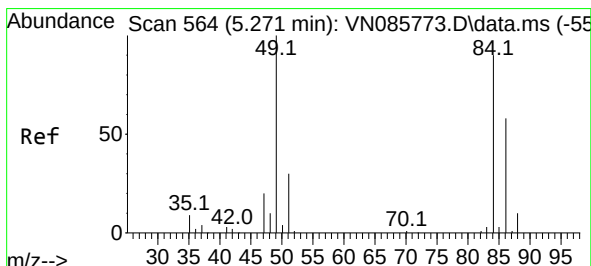
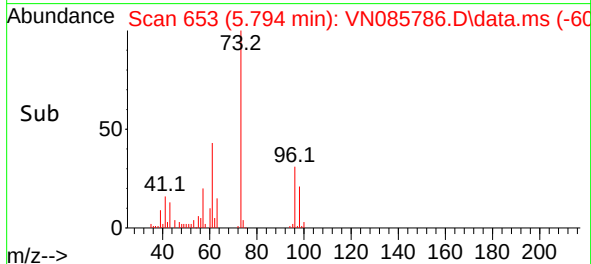
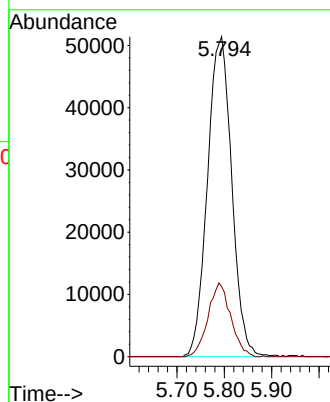
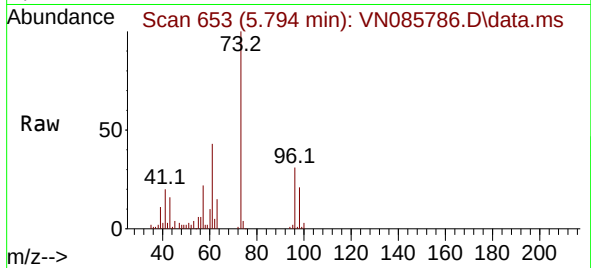




#19  
Methyl tert-butyl Ether  
Concen: 19.226 ug/l  
RT: 5.794 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN085786.D  
Acq: 19 Feb 2025 13:22

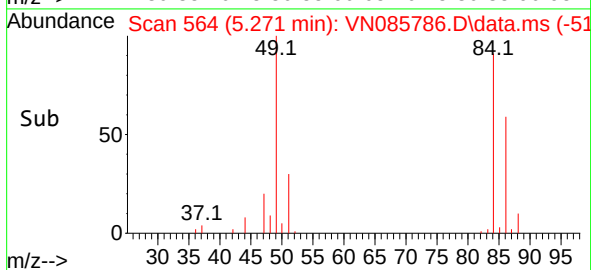
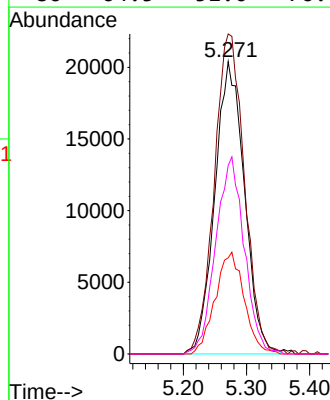
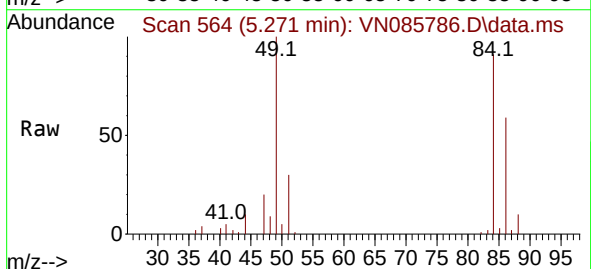
Instrument :  
MSVOA\_N  
ClientSampleId :

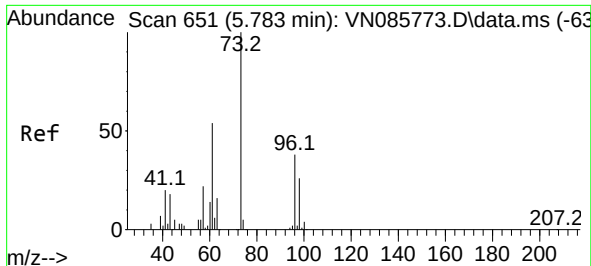
Tgt Ion: 73 Resp: 182911  
Ion Ratio Lower Upper  
73 100  
57 21.9 17.6 26.4



#20  
Methylene Chloride  
Concen: 17.220 ug/l  
RT: 5.271 min Scan# 564  
Delta R.T. -0.000 min  
Lab File: VN085786.D  
Acq: 19 Feb 2025 13:22

Tgt Ion: 84 Resp: 66321  
Ion Ratio Lower Upper  
84 100  
49 109.5 88.4 132.6  
51 32.9 26.6 40.0  
86 64.5 51.0 76.6

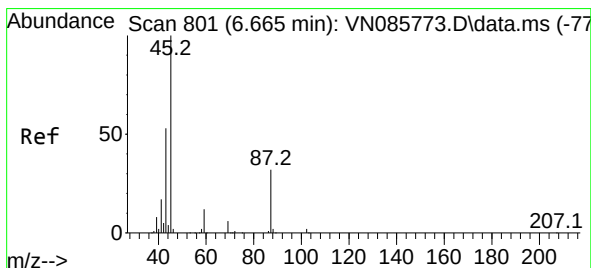
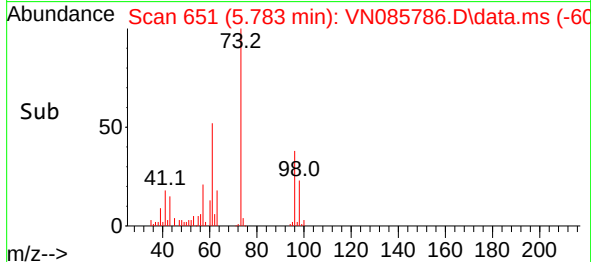
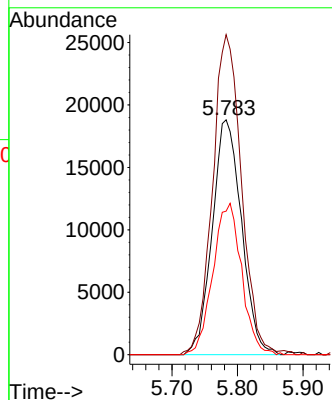
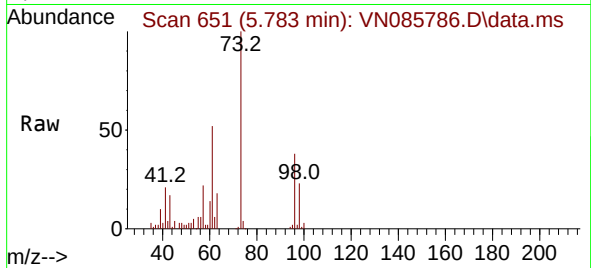




#21  
trans-1,2-Dichloroethene  
Concen: 16.907 ug/l  
RT: 5.783 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN085786.D  
Acq: 19 Feb 2025 13:22

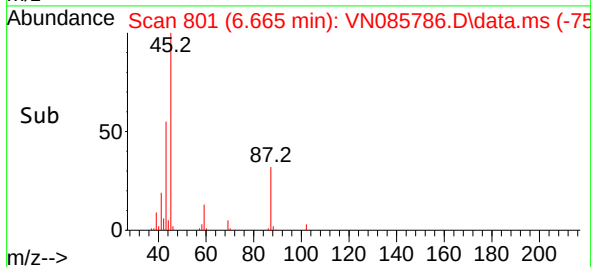
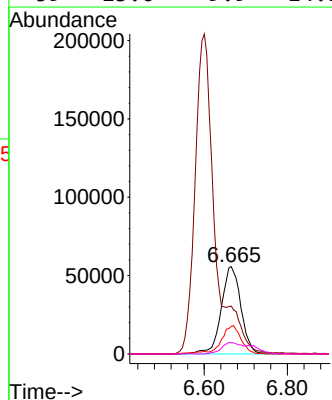
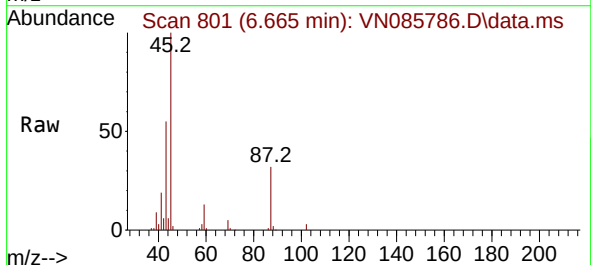
Instrument :  
MSVOA\_N  
ClientSampleId :

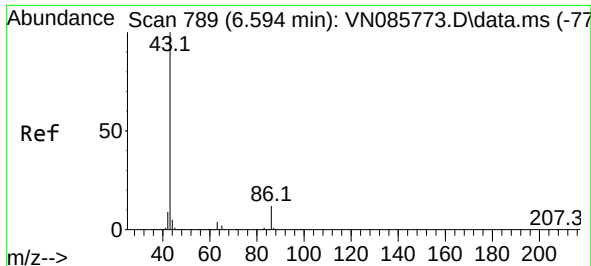
Tgt Ion: 96 Resp: 58286  
Ion Ratio Lower Upper  
96 100  
61 136.3 112.6 168.8  
98 61.1 53.3 79.9



#22  
Diisopropyl ether  
Concen: 19.235 ug/l  
RT: 6.665 min Scan# 801  
Delta R.T. -0.000 min  
Lab File: VN085786.D  
Acq: 19 Feb 2025 13:22

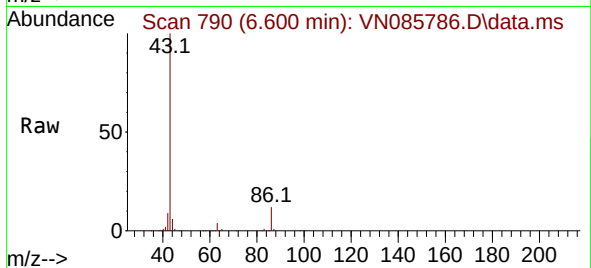
Tgt Ion: 45 Resp: 182697  
Ion Ratio Lower Upper  
45 100  
43 53.5 42.6 64.0  
87 31.5 25.8 38.8  
59 13.0 9.9 14.9



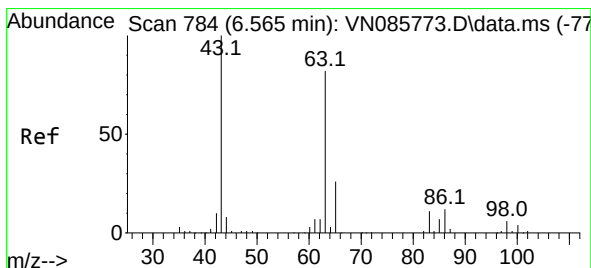
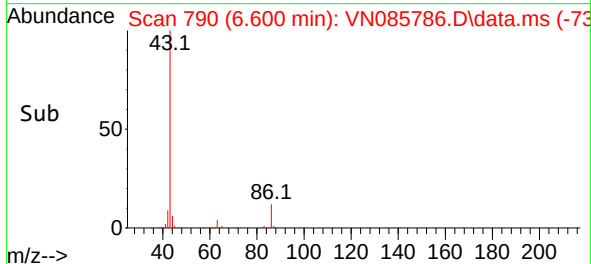
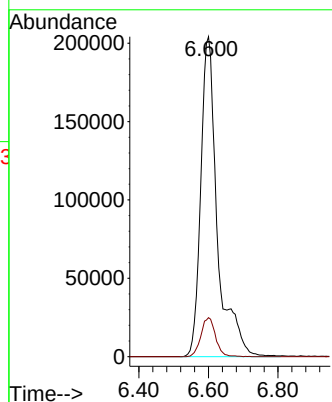


#23  
 Vinyl Acetate  
 Concen: 104.052 ug/l  
 RT: 6.600 min Scan# 790  
 Delta R.T. 0.006 min  
 Lab File: VN085786.D  
 Acq: 19 Feb 2025 13:22

Instrument :  
 MSVOA\_N  
 ClientSampleId :

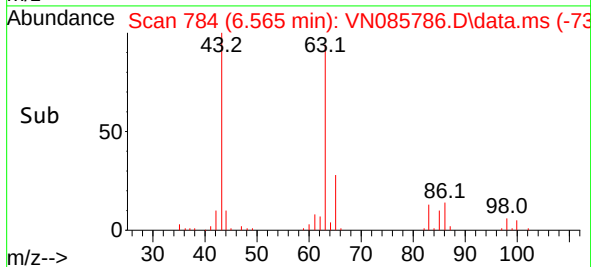
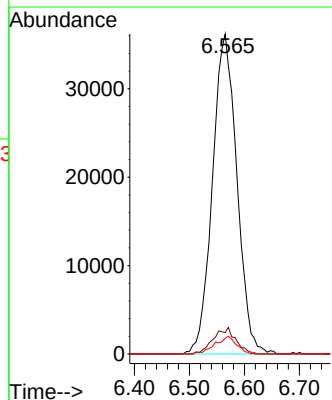
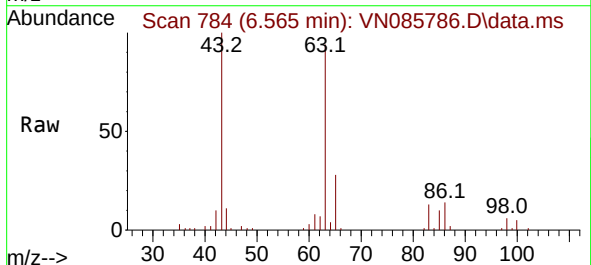


Tgt Ion: 43 Resp: 676693  
 Ion Ratio Lower Upper  
 43 100  
 86 12.2 9.8 14.8

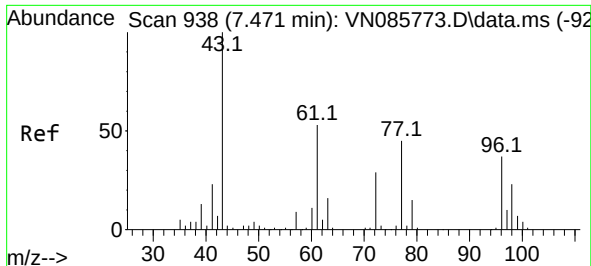


#24  
 1,1-Dichloroethane  
 Concen: 17.317 ug/l  
 RT: 6.565 min Scan# 784  
 Delta R.T. -0.000 min  
 Lab File: VN085786.D  
 Acq: 19 Feb 2025 13:22

Tgt Ion: 63 Resp: 111812  
 Ion Ratio Lower Upper  
 63 100  
 98 6.7 3.5 10.4  
 100 4.9 2.4 7.2

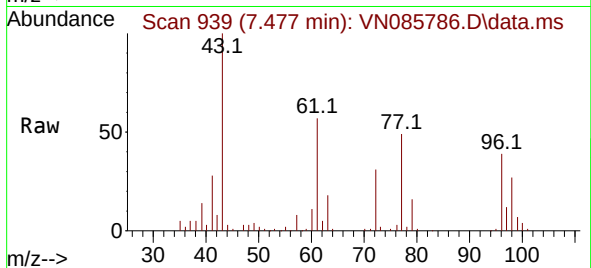




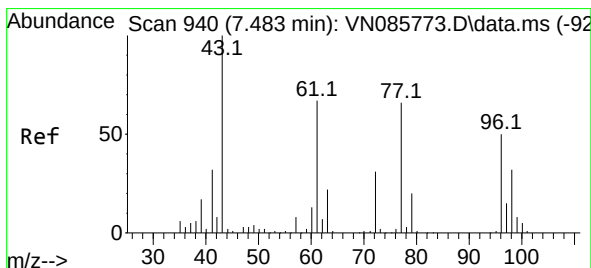
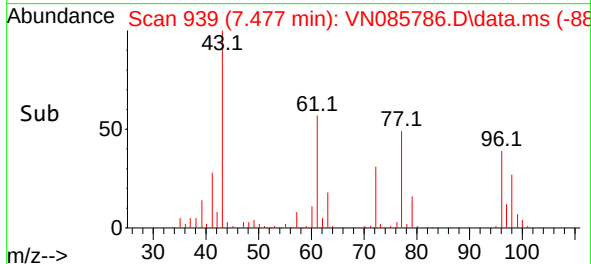
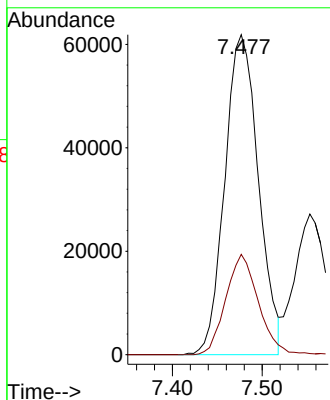


#25  
2-Butanone  
Concen: 91.422 ug/l  
RT: 7.477 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN085786.D  
Acq: 19 Feb 2025 13:22

Instrument :  
MSVOA\_N  
ClientSampleId :

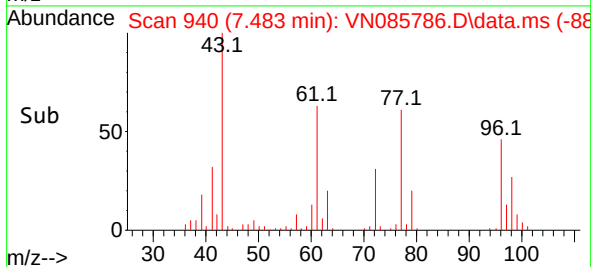
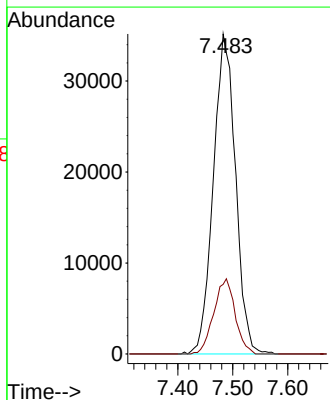
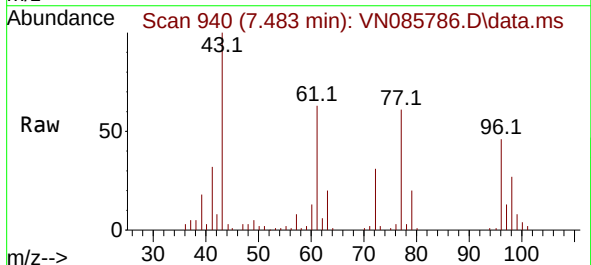


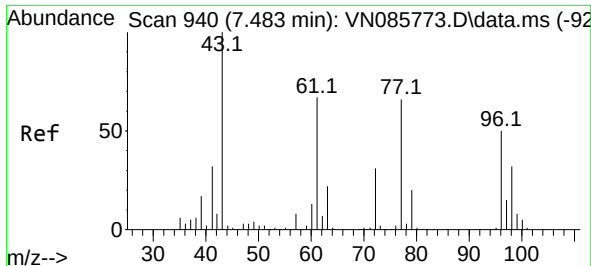
Tgt Ion: 43 Resp: 161082  
Ion Ratio Lower Upper  
43 100  
72 31.4 23.6 35.4



#26  
2,2-Dichloropropane  
Concen: 17.164 ug/l  
RT: 7.483 min Scan# 940  
Delta R.T. -0.000 min  
Lab File: VN085786.D  
Acq: 19 Feb 2025 13:22

Tgt Ion: 77 Resp: 98544  
Ion Ratio Lower Upper  
77 100  
97 22.6 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 17.598 ug/l

RT: 7.483 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN085786.D

Acq: 19 Feb 2025 13:22

Instrument :

MSVOA\_N

ClientSampleId :

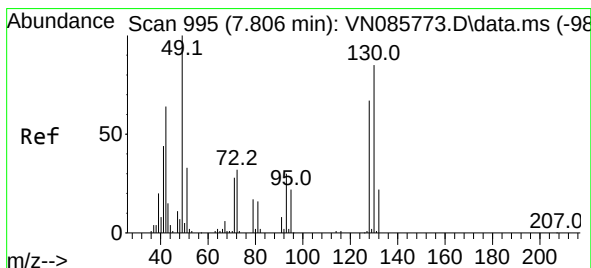
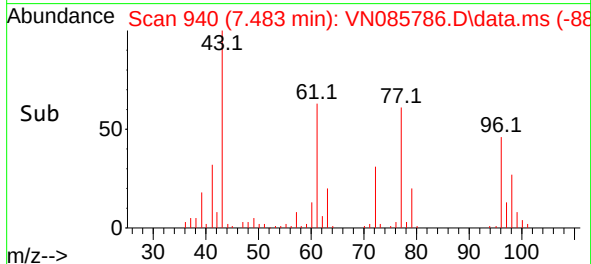
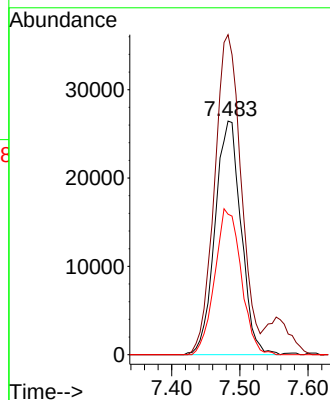
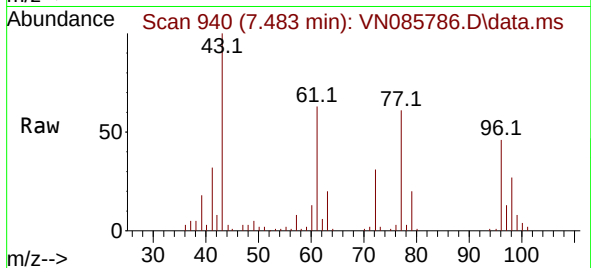
Tgt Ion: 96 Resp: 70342

Ion Ratio Lower Upper

96 100

61 139.8 0.0 280.6

98 63.3 0.0 128.6



#28

Bromochloromethane

Concen: 18.596 ug/l

RT: 7.812 min Scan# 996

Delta R.T. 0.006 min

Lab File: VN085786.D

Acq: 19 Feb 2025 13:22

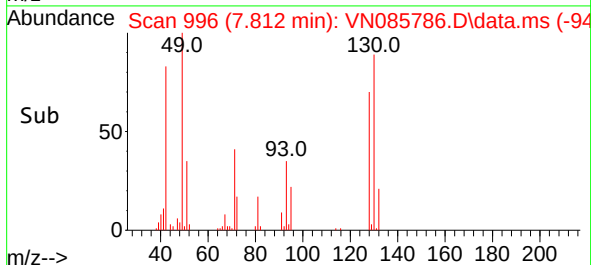
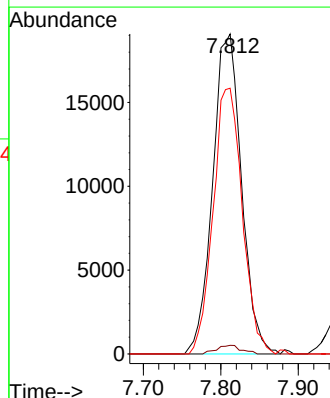
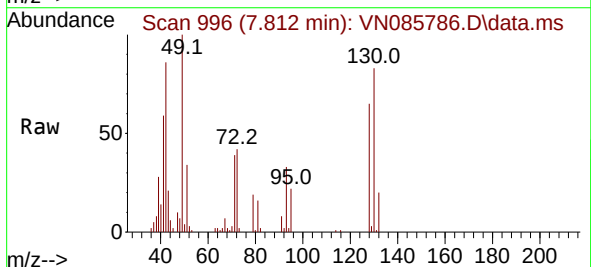
Tgt Ion: 49 Resp: 49350

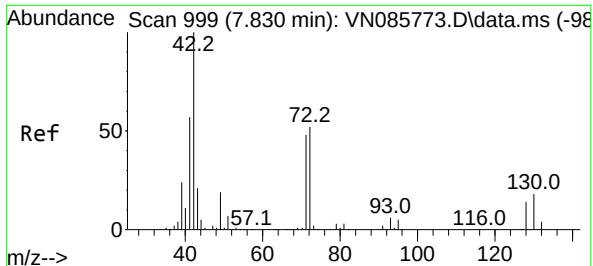
Ion Ratio Lower Upper

49 100

129 2.3 0.0 3.8

130 84.0 68.0 102.0





#29

Tetrahydrofuran

Concen: 94.205 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN085786.D

Acq: 19 Feb 2025 13:22

Instrument :

MSVOA\_N

ClientSampleId :

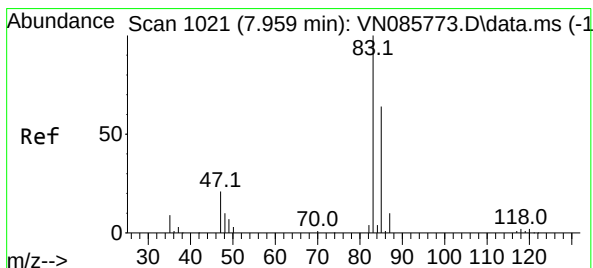
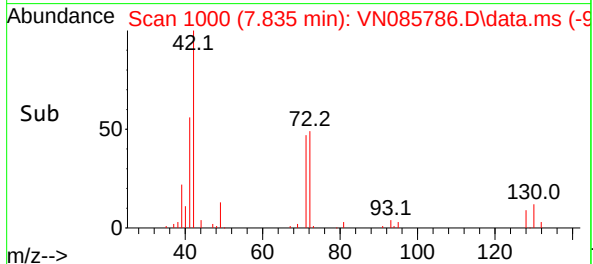
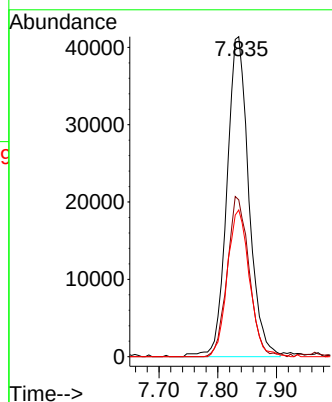
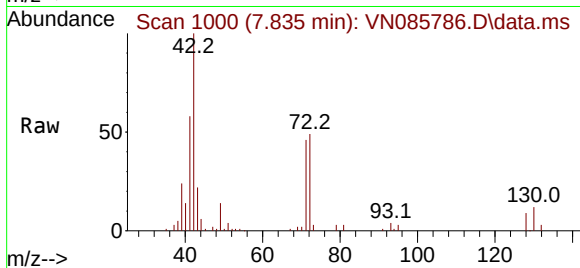
Tgt Ion: 42 Resp: 107184

Ion Ratio Lower Upper

42 100

72 49.8 40.0 60.0

71 46.6 37.0 55.4



#30

Chloroform

Concen: 17.485 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VN085786.D

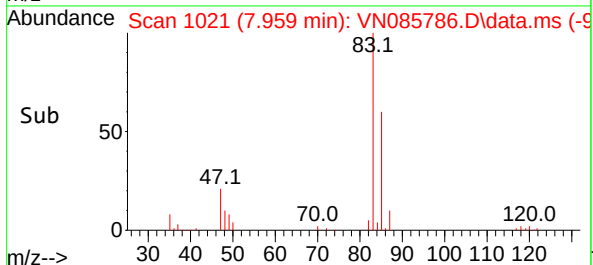
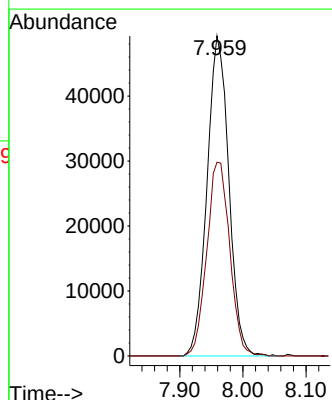
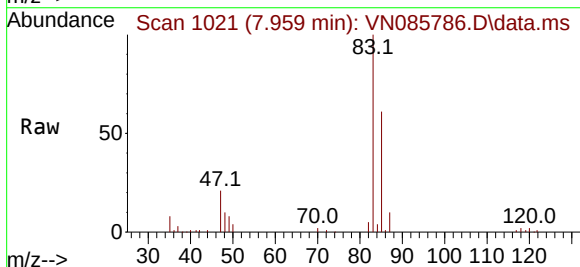
Acq: 19 Feb 2025 13:22

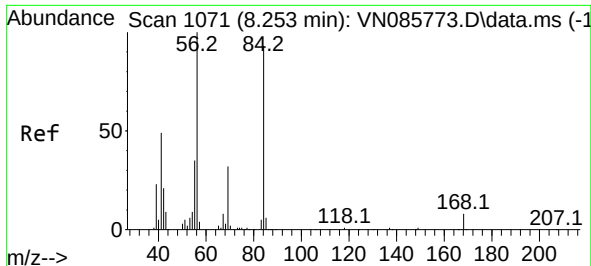
Tgt Ion: 83 Resp: 117979

Ion Ratio Lower Upper

83 100

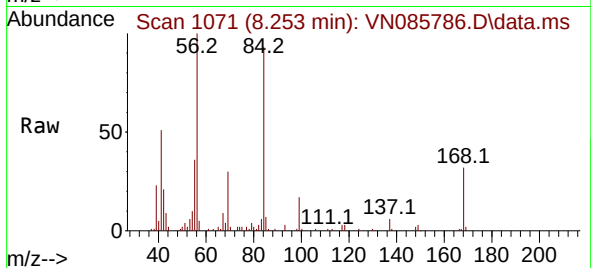
85 60.6 50.9 76.3



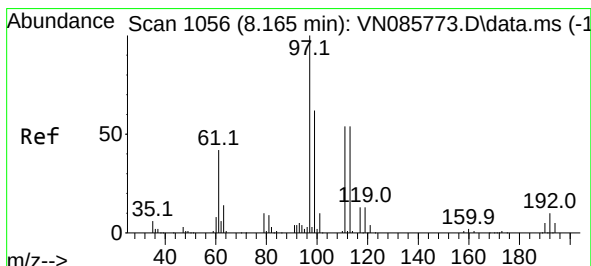
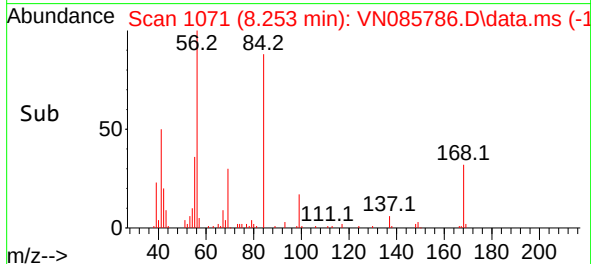
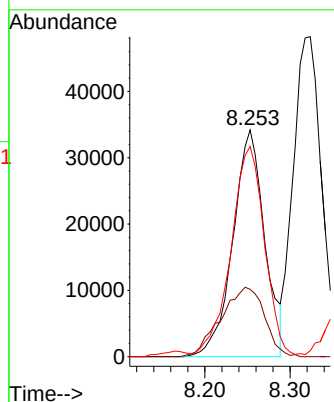


#31  
Cyclohexane  
Concen: 16.385 ug/l  
RT: 8.253 min Scan# 1071  
Delta R.T. -0.000 min  
Lab File: VN085786.D  
Acq: 19 Feb 2025 13:22

Instrument :  
MSVOA\_N  
ClientSampleId :

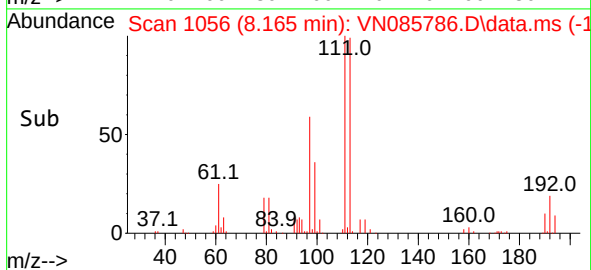
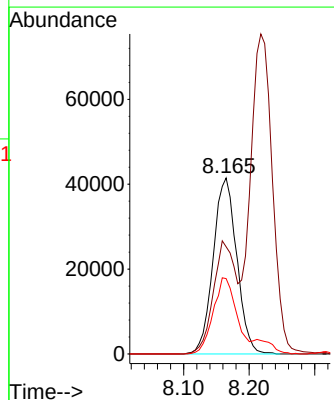
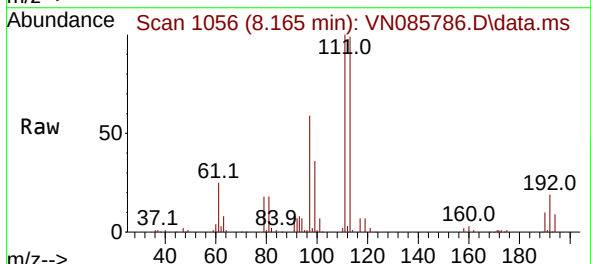


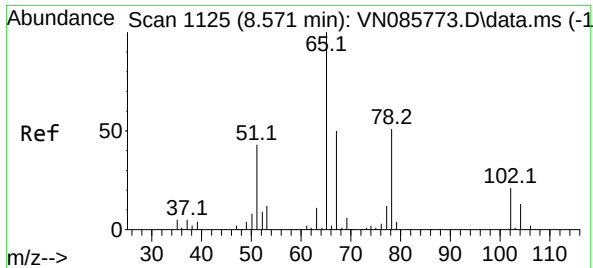
Tgt Ion: 56 Resp: 88578  
Ion Ratio Lower Upper  
56 100  
69 29.7 25.8 38.6  
84 90.4 74.5 111.7



#32  
1,1,1-Trichloroethane  
Concen: 17.222 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: VN085786.D  
Acq: 19 Feb 2025 13:22

Tgt Ion: 97 Resp: 103361  
Ion Ratio Lower Upper  
97 100  
99 59.4 50.4 75.6  
61 43.7 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 55.480 ug/l

RT: 8.571 min Scan# 1125

Delta R.T. -0.000 min

Lab File: VN085786.D

Acq: 19 Feb 2025 13:22

Instrument :

MSVOA\_N

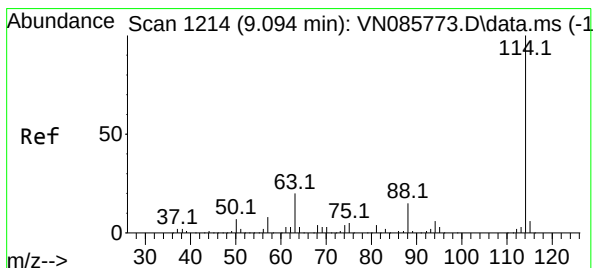
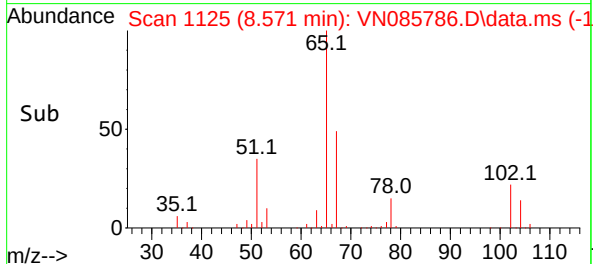
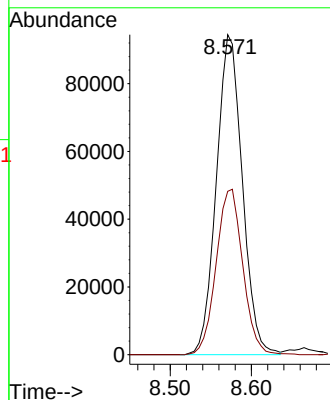
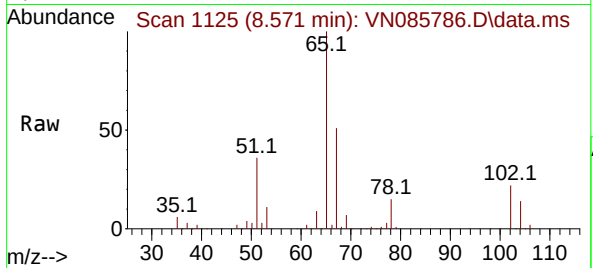
ClientSampleId :

Tgt Ion: 65 Resp: 209994

Ion Ratio Lower Upper

65 100

67 53.1 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.000 min

Lab File: VN085786.D

Acq: 19 Feb 2025 13:22

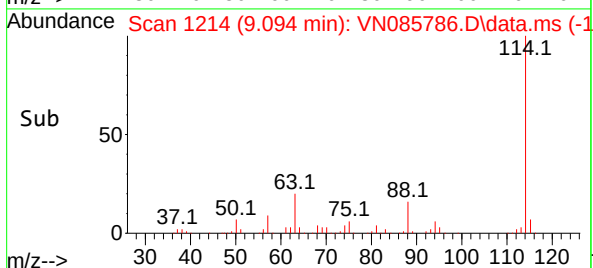
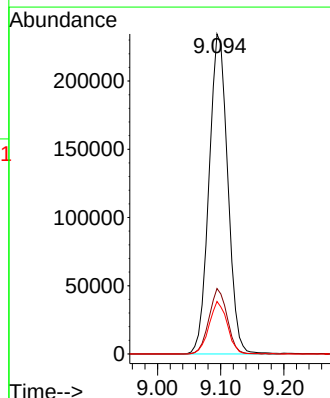
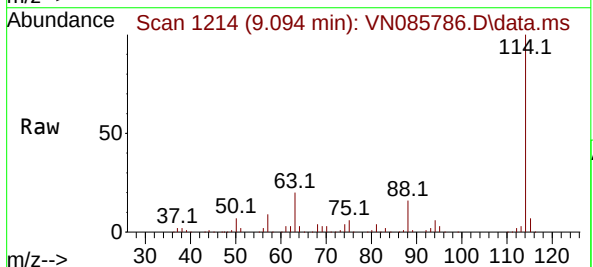
Tgt Ion: 114 Resp: 482343

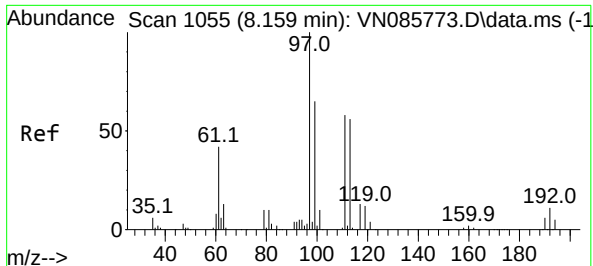
Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.2

88 16.4 0.0 30.0





#35

Dibromofluoromethane

Concen: 54.680 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.000 min

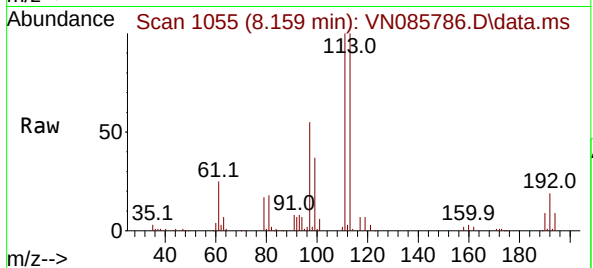
Lab File: VN085786.D

Acq: 19 Feb 2025 13:22

Instrument :

MSVOA\_N

ClientSampleId :



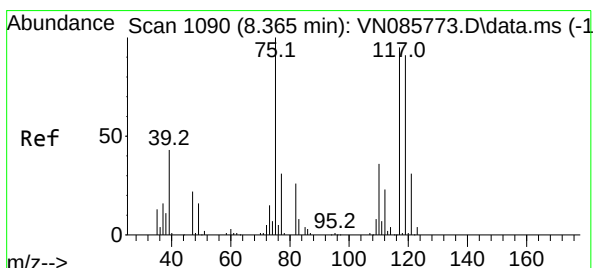
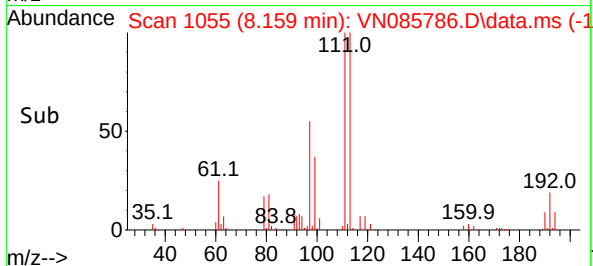
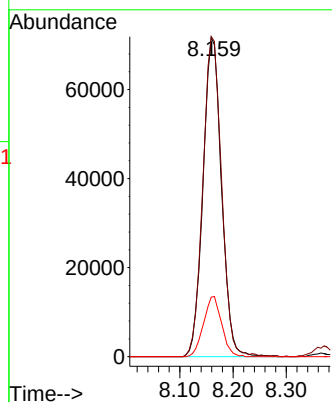
Tgt Ion:113 Resp: 172581

Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.4

192 18.5 14.7 22.1



#36

1,1-Dichloropropene

Concen: 17.443 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VN085786.D

Acq: 19 Feb 2025 13:22

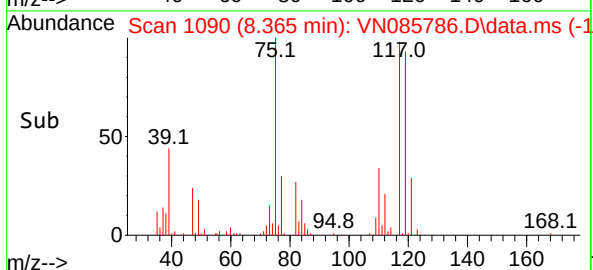
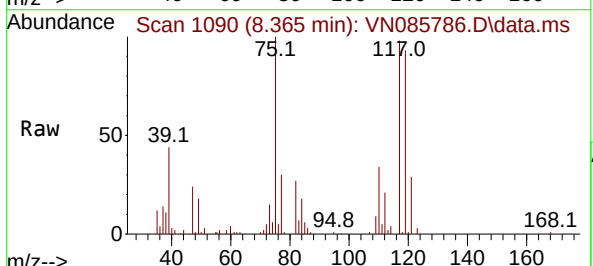
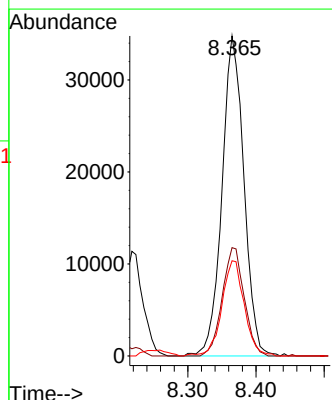
Tgt Ion: 75 Resp: 77917

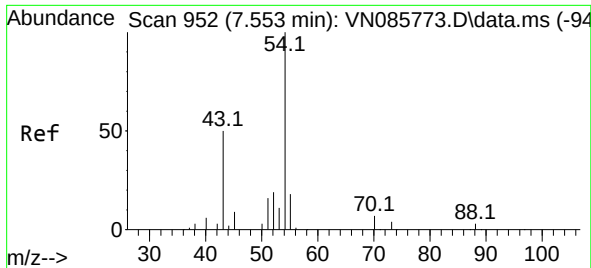
Ion Ratio Lower Upper

75 100

110 33.9 17.3 52.0

77 30.6 24.6 37.0





#37

Ethyl Acetate

Concen: 18.989 ug/l

RT: 7.553 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN085786.D

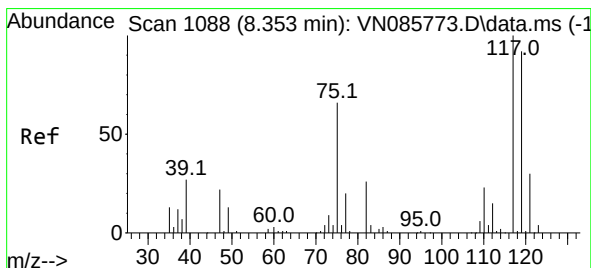
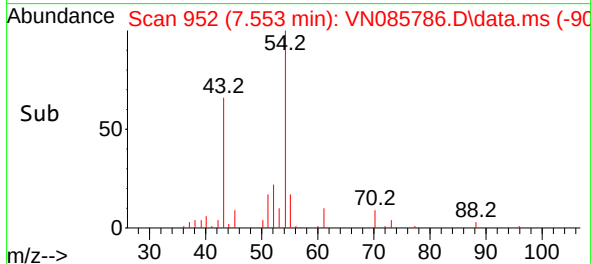
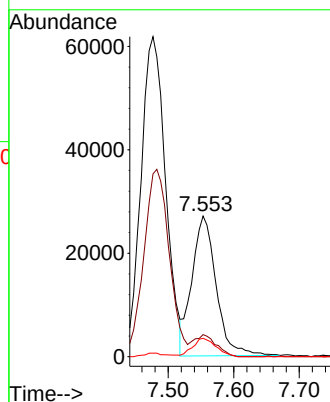
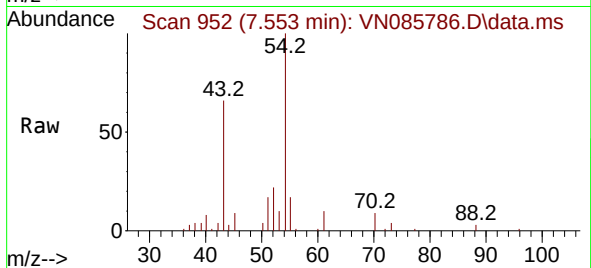
Acq: 19 Feb 2025 13:22

Instrument :

MSVOA\_N

ClientSampleId :

|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 69804 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 61 13.2     | 12.2 18.2   |
| 70 12.6     | 9.5 14.3    |



#38

Carbon Tetrachloride

Concen: 17.028 ug/l

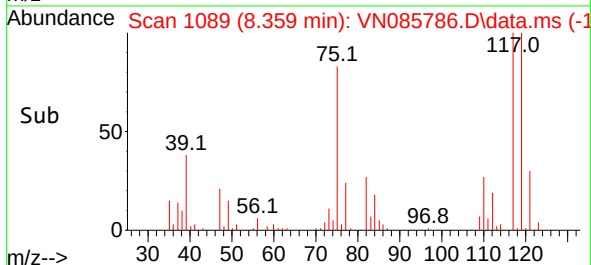
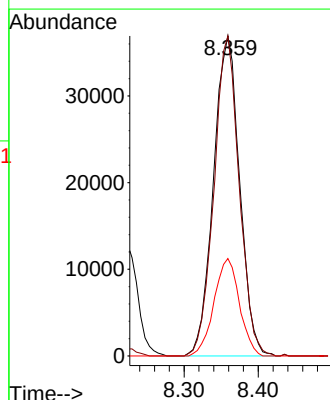
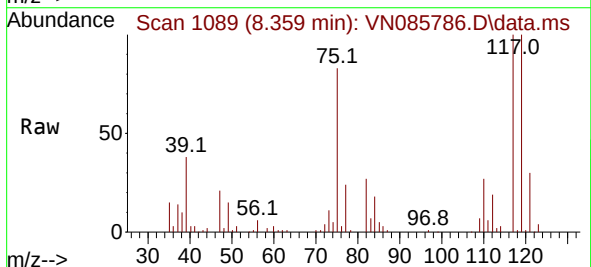
RT: 8.359 min Scan# 1089

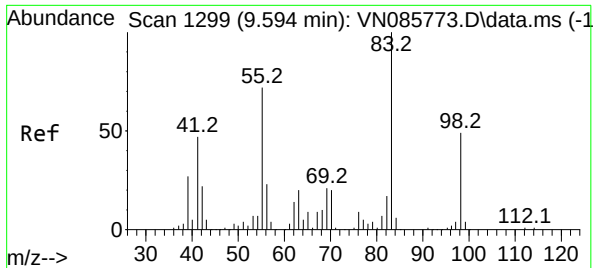
Delta R.T. 0.006 min

Lab File: VN085786.D

Acq: 19 Feb 2025 13:22

|              |             |
|--------------|-------------|
| Tgt Ion: 117 | Resp: 90380 |
| Ion Ratio    | Lower Upper |
| 117 100      |             |
| 119 100.0    | 73.8 110.6  |
| 121 30.4     | 24.3 36.5   |

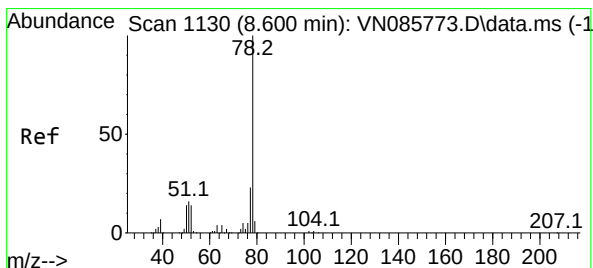
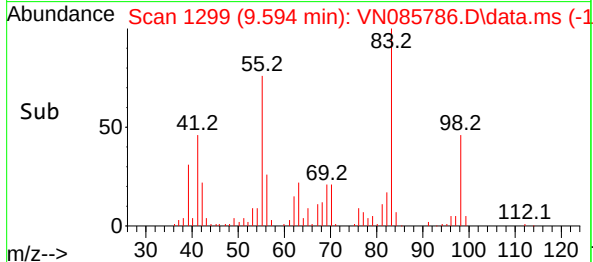
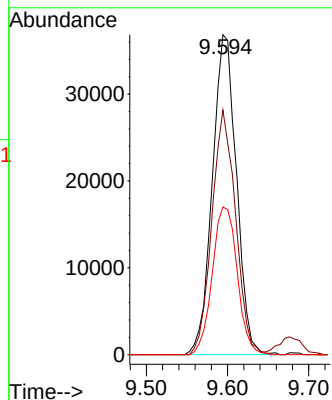
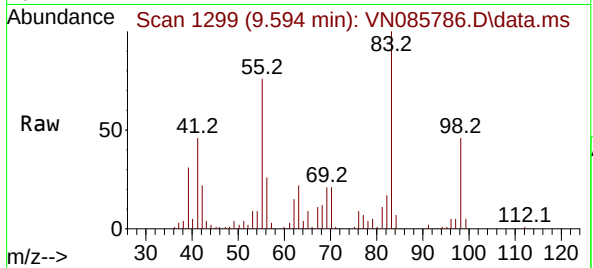




#39  
Methylcyclohexane  
Concen: 17.306 ug/l  
RT: 9.594 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN085786.D  
Acq: 19 Feb 2025 13:22

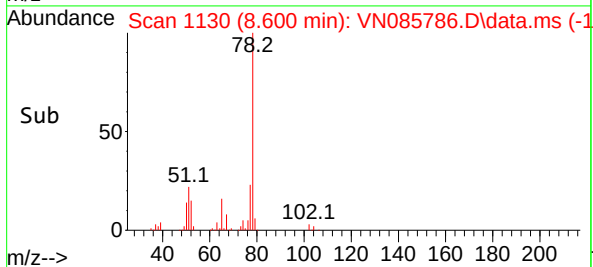
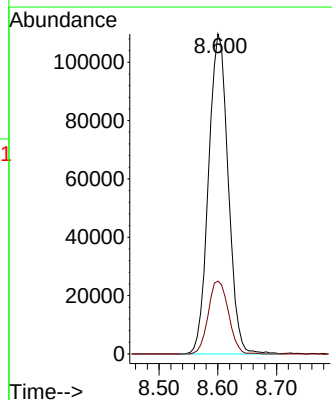
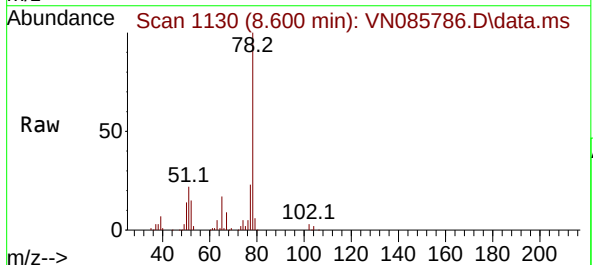
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 83 Resp: 75943  
Ion Ratio Lower Upper  
83 100  
55 76.5 57.5 86.3  
98 46.1 39.2 58.8

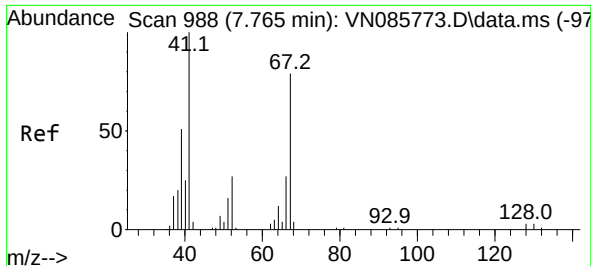


#40  
Benzene  
Concen: 17.778 ug/l  
RT: 8.600 min Scan# 1130  
Delta R.T. -0.000 min  
Lab File: VN085786.D  
Acq: 19 Feb 2025 13:22

Tgt Ion: 78 Resp: 254524  
Ion Ratio Lower Upper  
78 100  
77 22.7 18.3 27.5



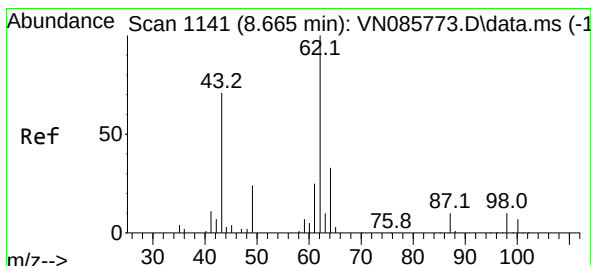
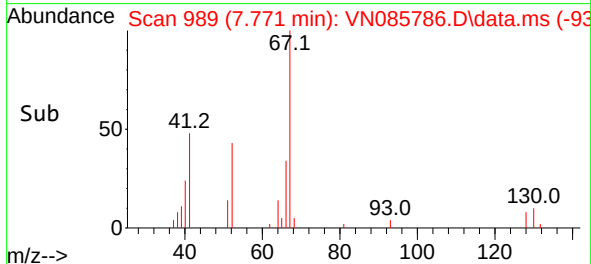
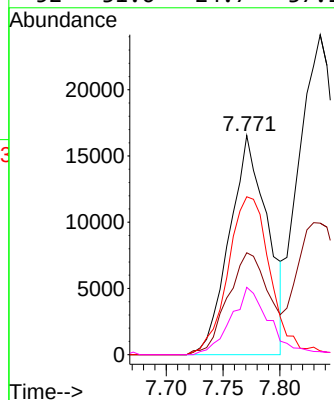
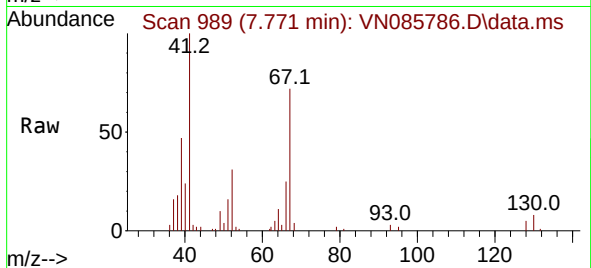




#41  
Methacrylonitrile  
Concen: 19.644 ug/l  
RT: 7.771 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN085786.D  
Acq: 19 Feb 2025 13:22

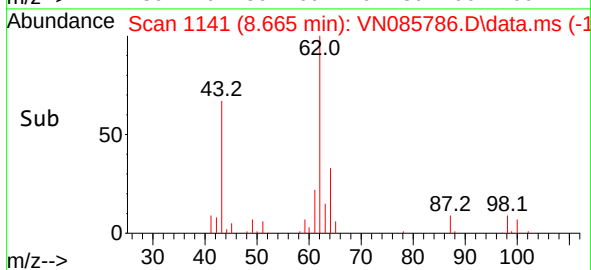
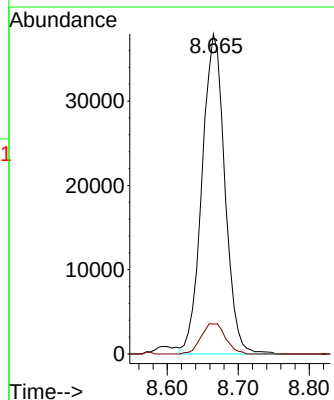
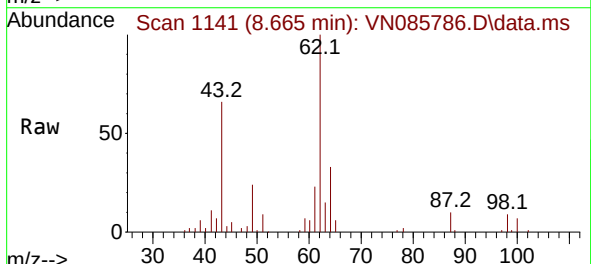
Instrument :  
MSVOA\_N  
ClientSampleId :

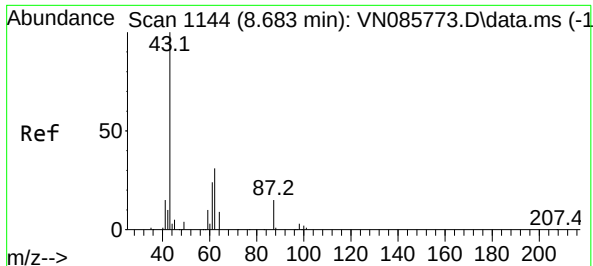
Tgt Ion: 41 Resp: 38602  
Ion Ratio Lower Upper  
41 100  
39 50.2 42.0 63.0  
67 80.0 64.2 96.4  
52 31.6 24.7 37.1



#42  
1,2-Dichloroethane  
Concen: 18.234 ug/l  
RT: 8.665 min Scan# 1141  
Delta R.T. -0.000 min  
Lab File: VN085786.D  
Acq: 19 Feb 2025 13:22

Tgt Ion: 62 Resp: 85033  
Ion Ratio Lower Upper  
62 100  
98 10.1 0.0 19.6





#43

Isopropyl Acetate

Concen: 18.120 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. -0.001 min

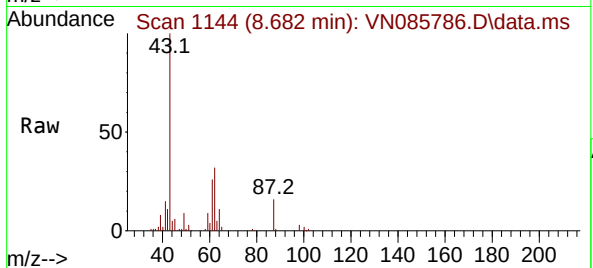
Lab File: VN085786.D

Acq: 19 Feb 2025 13:22

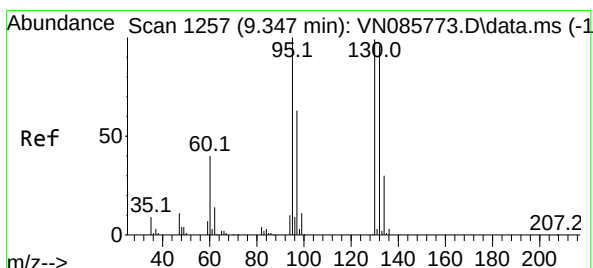
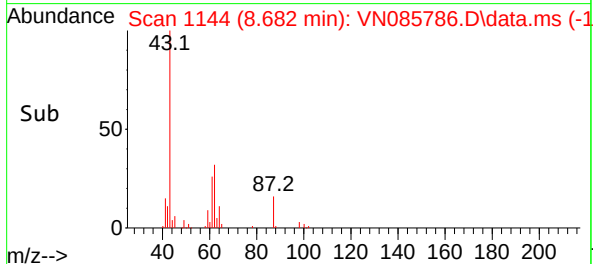
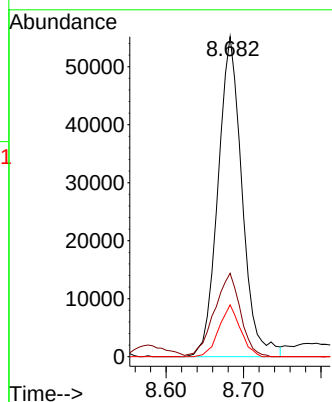
Instrument :

MSVOA\_N

ClientSampleId :



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 119146 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 28.2  | 22.6  | 34.0   |
| 87       | 14.4  | 11.8  | 17.8   |



#44

Trichloroethene

Concen: 16.727 ug/l

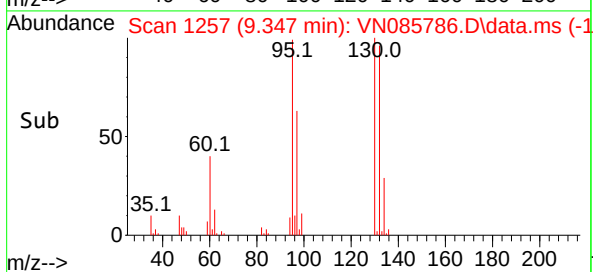
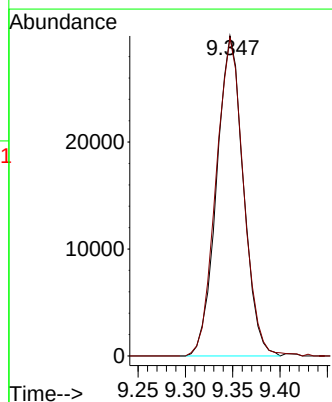
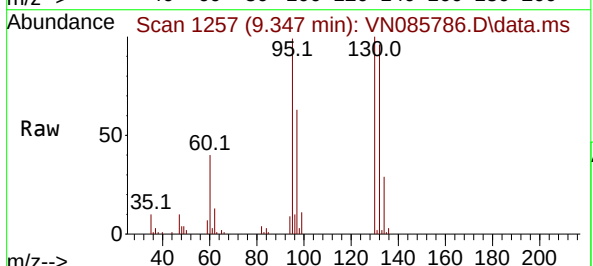
RT: 9.347 min Scan# 1257

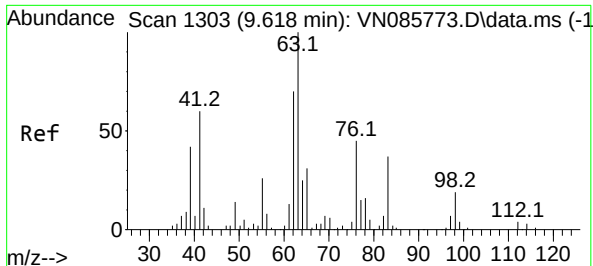
Delta R.T. -0.000 min

Lab File: VN085786.D

Acq: 19 Feb 2025 13:22

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 58797 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 99.5  | 0.0   | 202.6 |





#45

1,2-Dichloropropane

Concen: 18.123 ug/l

RT: 9.618 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN085786.D

Acq: 19 Feb 2025 13:22

Instrument :

MSVOA\_N

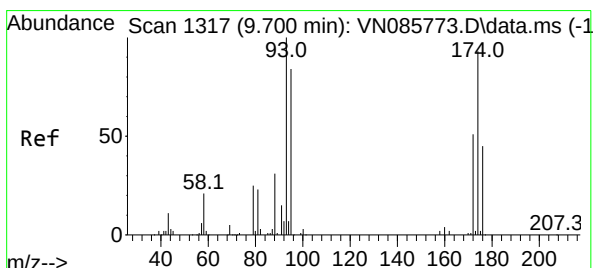
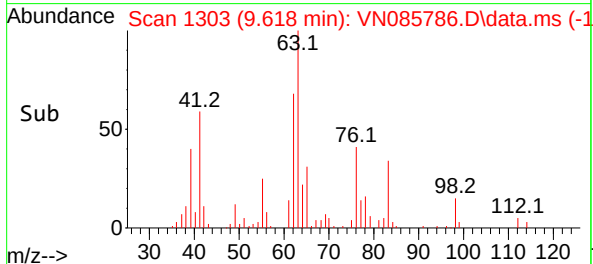
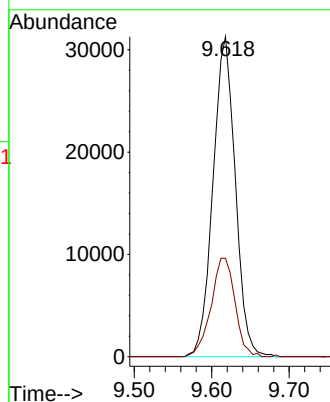
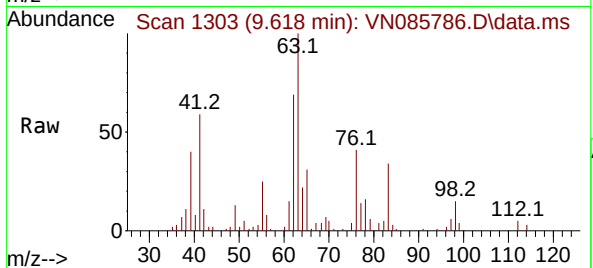
ClientSampleId :

Tgt Ion: 63 Resp: 62628

Ion Ratio Lower Upper

63 100

65 30.8 25.1 37.7



#46

Dibromomethane

Concen: 18.140 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VN085786.D

Acq: 19 Feb 2025 13:22

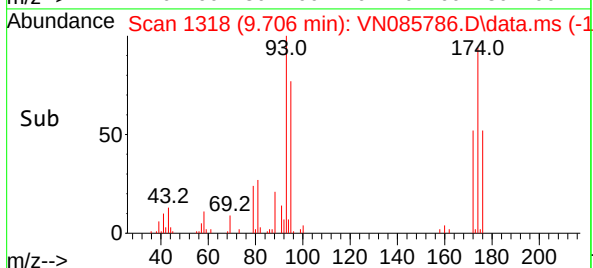
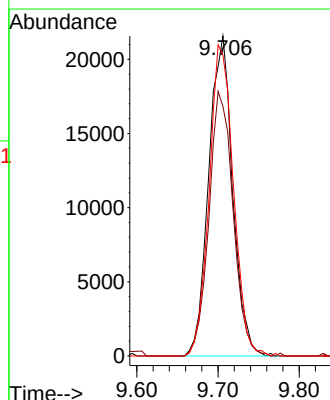
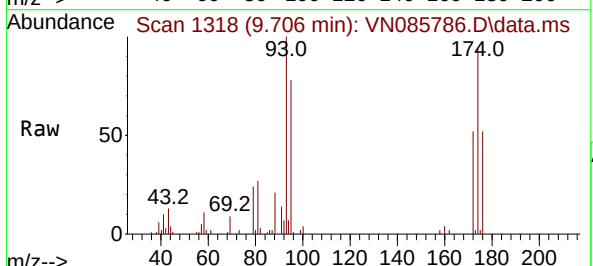
Tgt Ion: 93 Resp: 44217

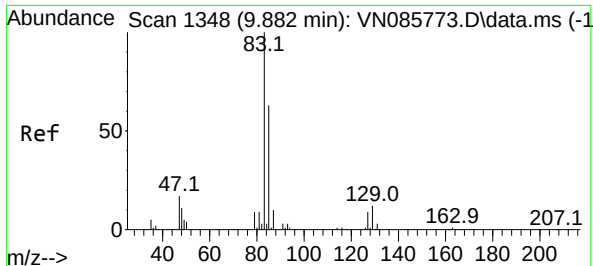
Ion Ratio Lower Upper

93 100

95 83.4 66.7 100.1

174 98.6 77.2 115.8

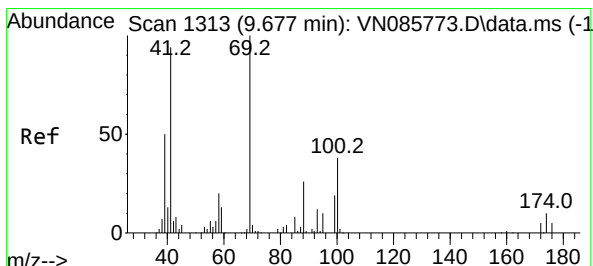
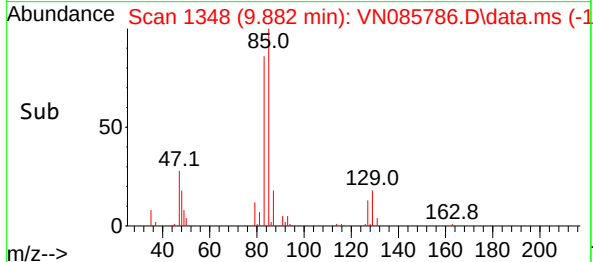
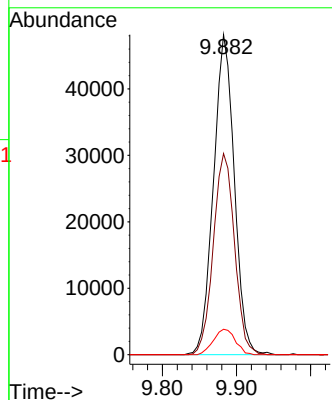
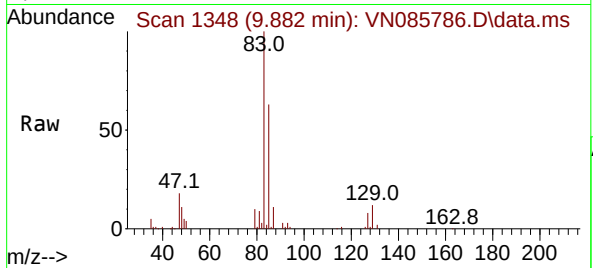




#47  
Bromodichloromethane  
Concen: 18.014 ug/l  
RT: 9.882 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN085786.D  
Acq: 19 Feb 2025 13:22

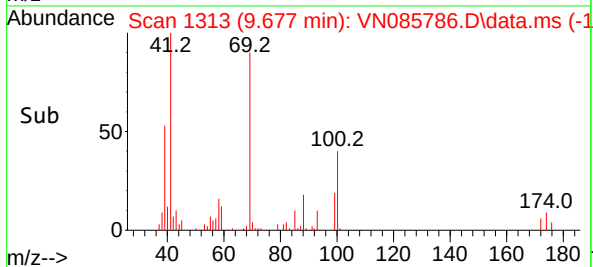
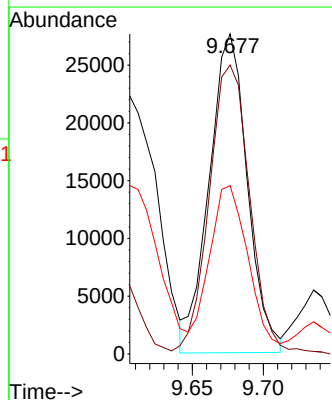
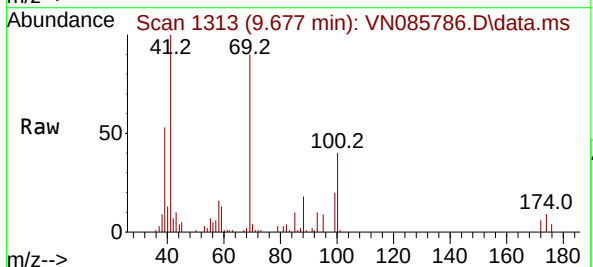
Instrument :  
MSVOA\_N  
ClientSampleId :

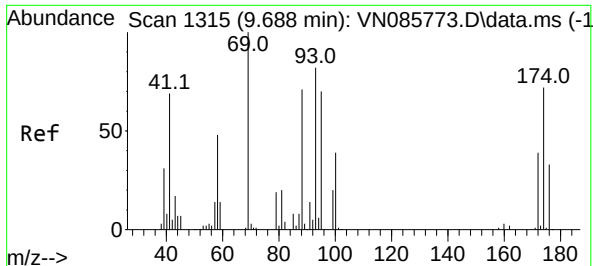
Tgt Ion: 83 Resp: 93945  
Ion Ratio Lower Upper  
83 100  
85 62.8 50.5 75.7  
127 7.9 7.2 10.8



#48  
Methyl methacrylate  
Concen: 18.903 ug/l  
RT: 9.677 min Scan# 1313  
Delta R.T. -0.000 min  
Lab File: VN085786.D  
Acq: 19 Feb 2025 13:22

Tgt Ion: 41 Resp: 51605  
Ion Ratio Lower Upper  
41 100  
69 96.5 76.0 114.0  
39 53.7 42.3 63.5





#49

1,4-Dioxane

Concen: 373.170 ug/l

RT: 9.688 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085786.D

Acq: 19 Feb 2025 13:22

Instrument :

MSVOA\_N

ClientSampleId :

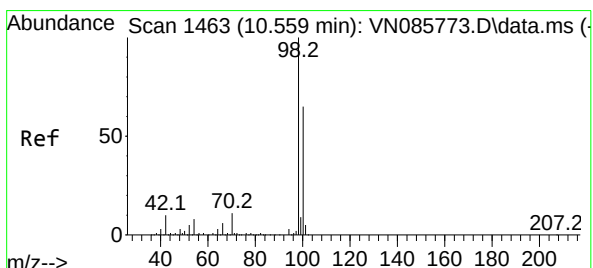
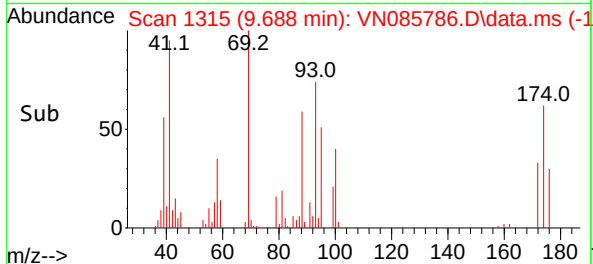
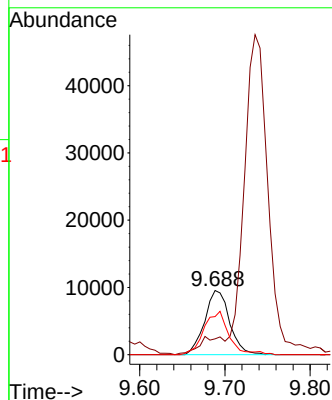
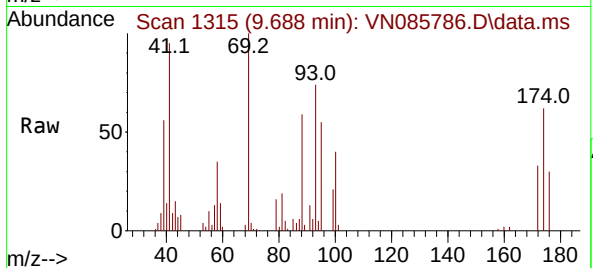
Tgt Ion: 88 Resp: 19373

Ion Ratio Lower Upper

88 100

43 19.2 18.6 27.8

58 67.9 56.7 85.1



#50

Toluene-d8

Concen: 55.125 ug/l

RT: 10.559 min Scan# 1463

Delta R.T. -0.000 min

Lab File: VN085786.D

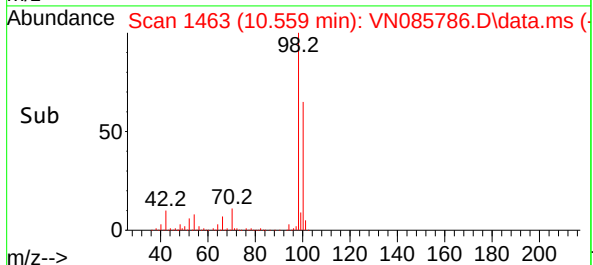
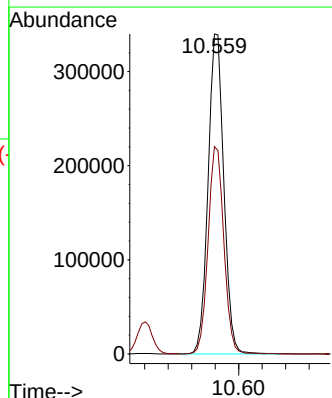
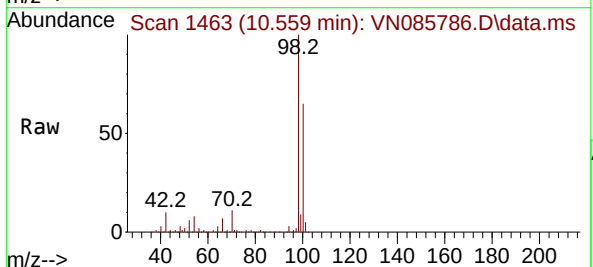
Acq: 19 Feb 2025 13:22

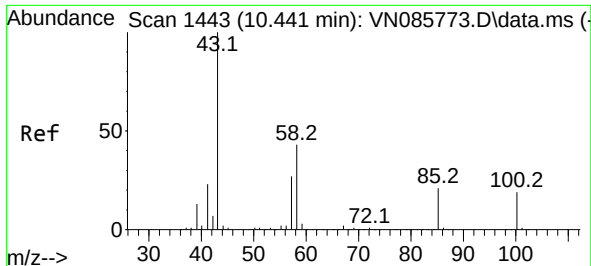
Tgt Ion: 98 Resp: 633017

Ion Ratio Lower Upper

98 100

100 64.9 52.1 78.1

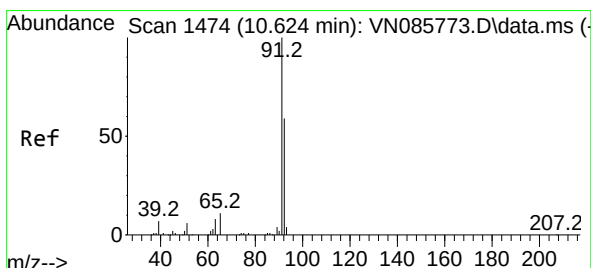
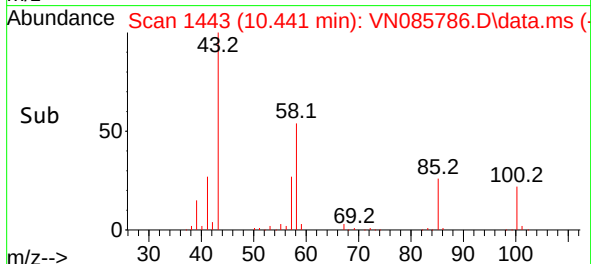
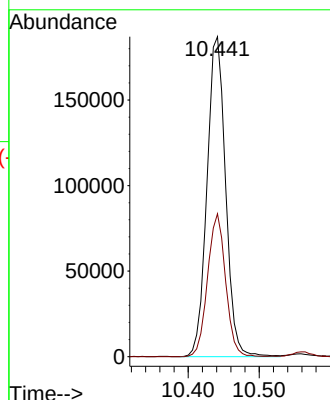
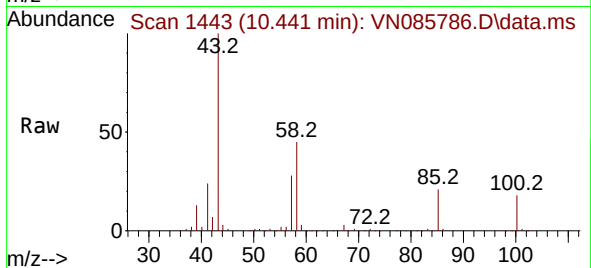




#51  
4-Methyl-2-Pentanone  
Concen: 96.260 ug/l  
RT: 10.441 min Scan# 1443  
Delta R.T. -0.000 min  
Lab File: VN085786.D  
Acq: 19 Feb 2025 13:22

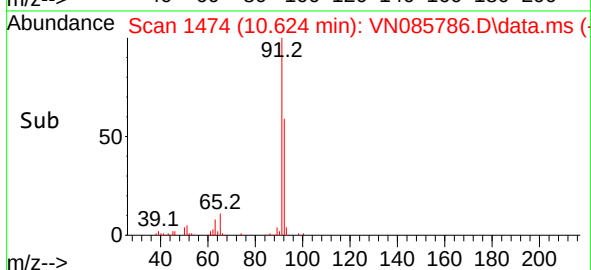
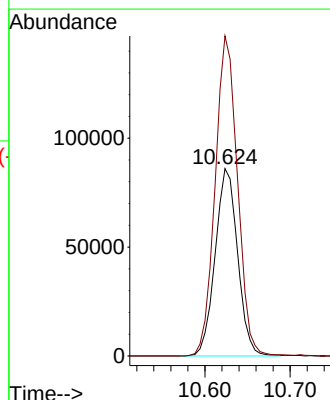
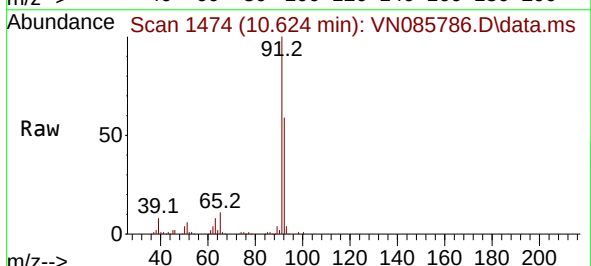
Instrument :  
MSVOA\_N  
ClientSampleId :

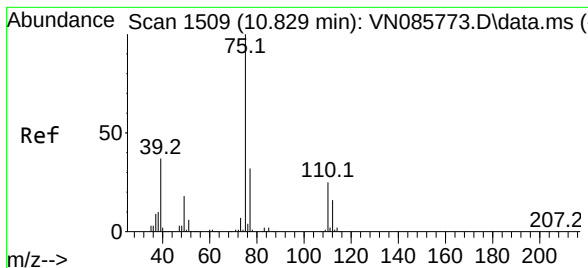
Tgt Ion: 43 Resp: 341162  
Ion Ratio Lower Upper  
43 100  
58 43.2 34.6 52.0



#52  
Toluene  
Concen: 18.780 ug/l  
RT: 10.624 min Scan# 1474  
Delta R.T. -0.000 min  
Lab File: VN085786.D  
Acq: 19 Feb 2025 13:22

Tgt Ion: 92 Resp: 157605  
Ion Ratio Lower Upper  
92 100  
91 170.3 136.9 205.3

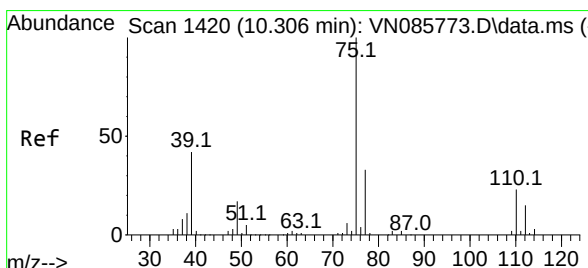
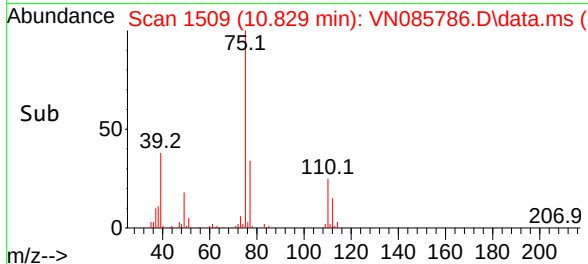
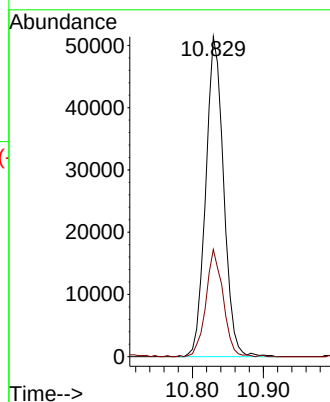
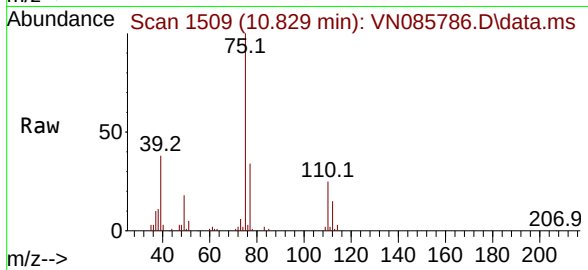




#53  
t-1,3-Dichloropropene  
Concen: 18.698 ug/l  
RT: 10.829 min Scan# 110  
Delta R.T. 0.000 min  
Lab File: VN085786.D  
Acq: 19 Feb 2025 13:22

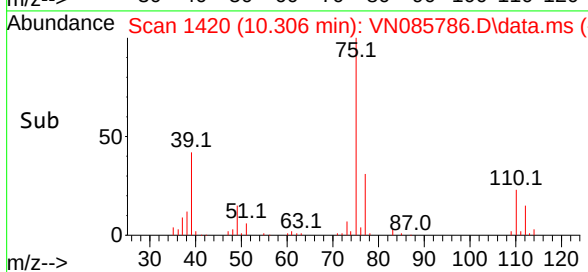
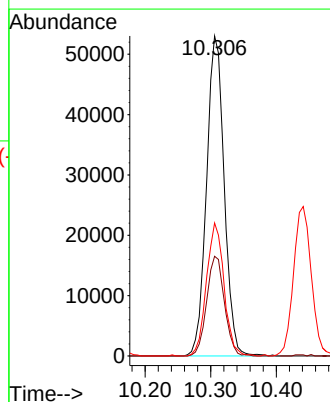
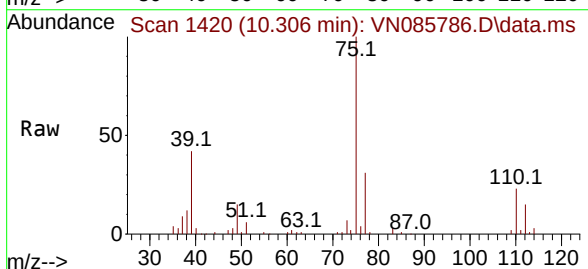
Instrument :  
MSVOA\_N  
ClientSampleId :

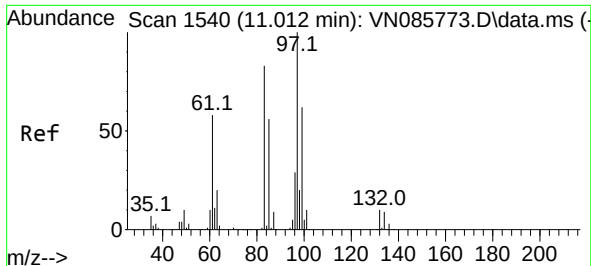
Tgt Ion: 75 Resp: 90168  
Ion Ratio Lower Upper  
75 100  
77 33.5 25.4 38.0



#54  
cis-1,3-Dichloropropene  
Concen: 18.825 ug/l  
RT: 10.306 min Scan# 1420  
Delta R.T. -0.000 min  
Lab File: VN085786.D  
Acq: 19 Feb 2025 13:22

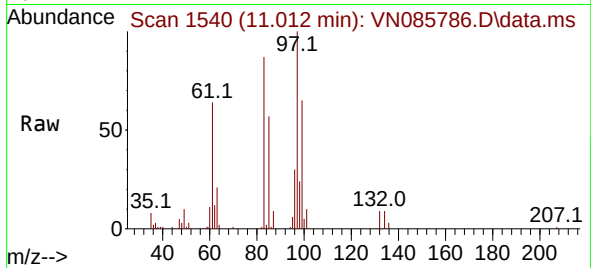
Tgt Ion: 75 Resp: 99549  
Ion Ratio Lower Upper  
75 100  
77 31.2 26.1 39.1  
39 41.5 33.4 50.0



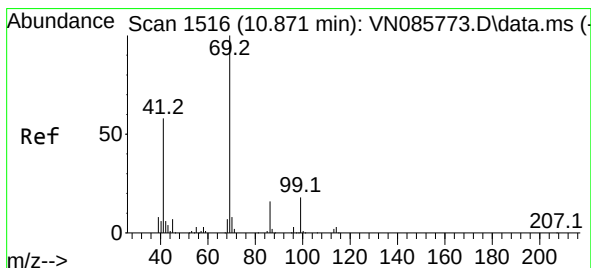
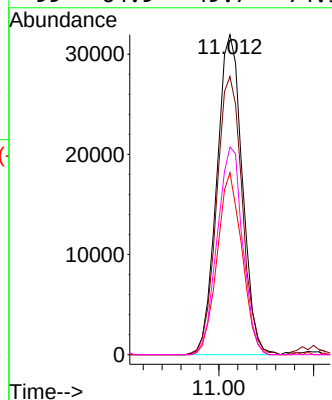
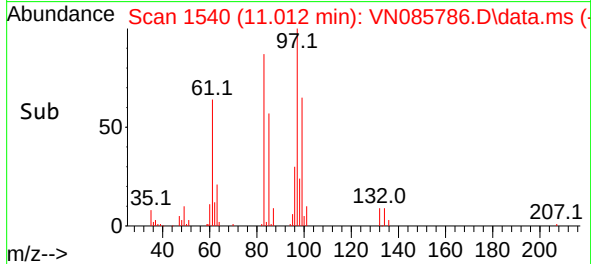


#55  
1,1,2-Trichloroethane  
Concen: 17.898 ug/l  
RT: 11.012 min Scan# 1540  
Delta R.T. -0.000 min  
Lab File: VN085786.D  
Acq: 19 Feb 2025 13:22

Instrument :  
MSVOA\_N  
ClientSampleId :

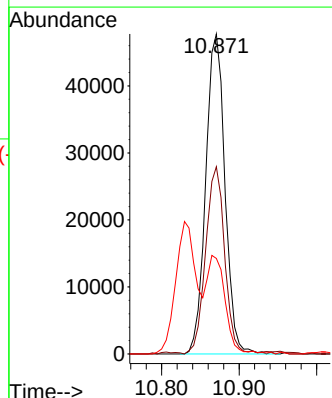
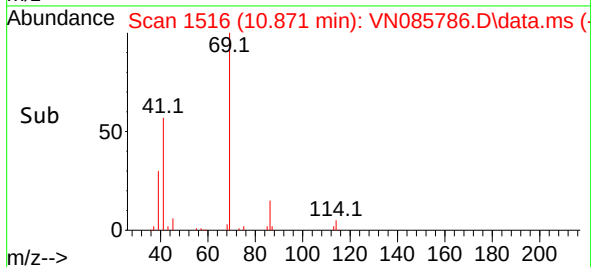
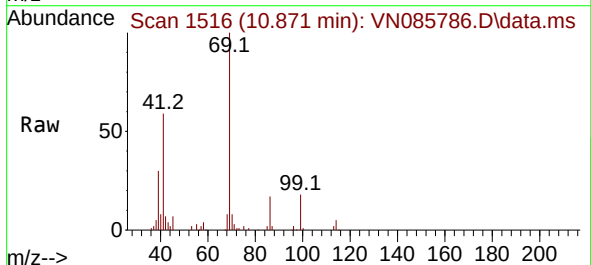


|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 59722 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 86.9  | 66.1  | 99.1  |
| 85       | 56.9  | 44.7  | 67.1  |
| 99       | 64.9  | 49.7  | 74.5  |

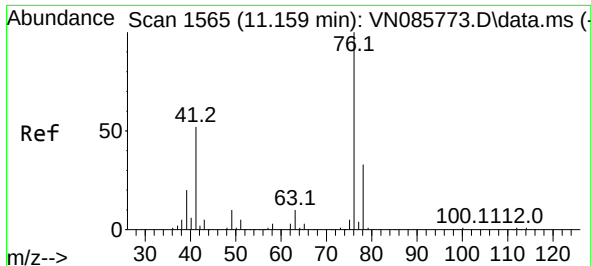


#56  
Ethyl methacrylate  
Concen: 18.745 ug/l  
RT: 10.871 min Scan# 1516  
Delta R.T. -0.000 min  
Lab File: VN085786.D  
Acq: 19 Feb 2025 13:22

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 82232 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 58.0  | 46.0  | 69.0  |
| 39       | 29.2  | 22.0  | 33.0  |







#57

1,3-Dichloropropane

Concen: 18.263 ug/l

RT: 11.159 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN085786.D

Acq: 19 Feb 2025 13:22

Instrument :

MSVOA\_N

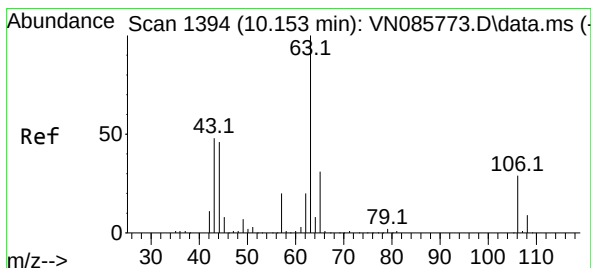
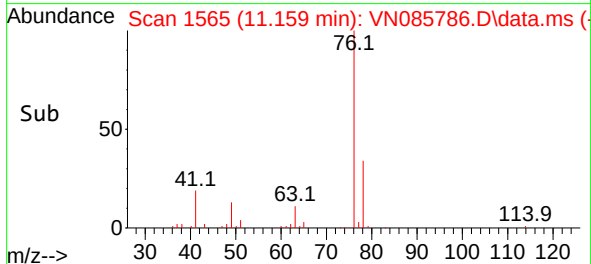
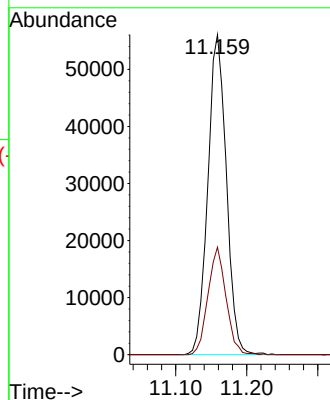
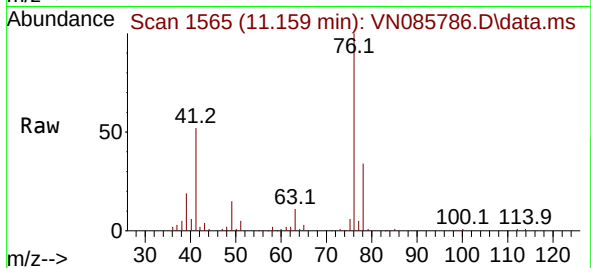
ClientSampleId :

Tgt Ion: 76 Resp: 101726

Ion Ratio Lower Upper

76 100

78 32.7 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 127.372 ug/l

RT: 10.153 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VN085786.D

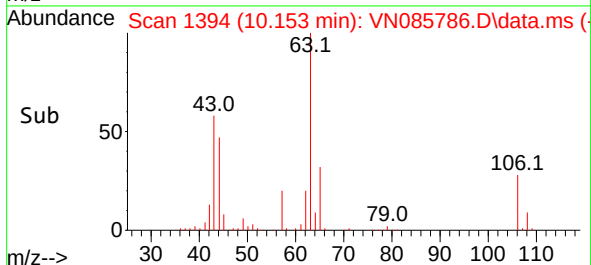
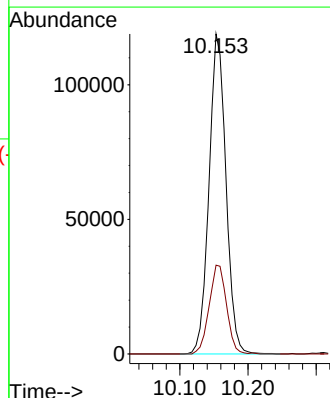
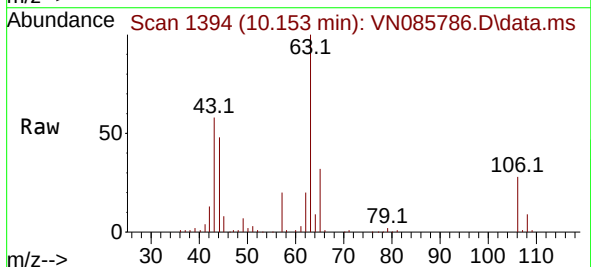
Acq: 19 Feb 2025 13:22

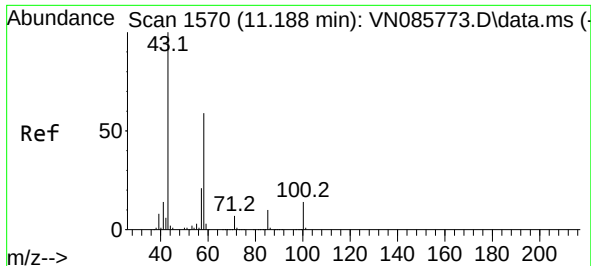
Tgt Ion: 63 Resp: 205579

Ion Ratio Lower Upper

63 100

106 28.5 22.7 34.1

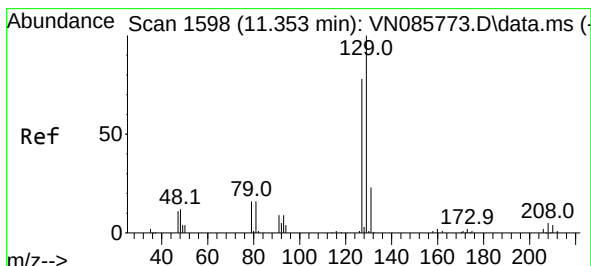
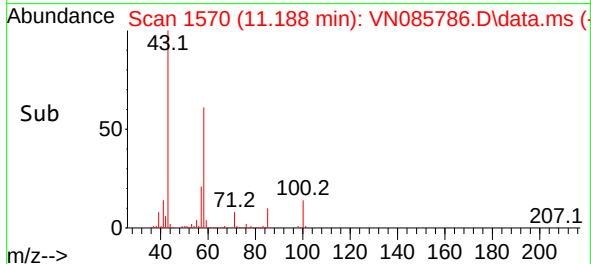
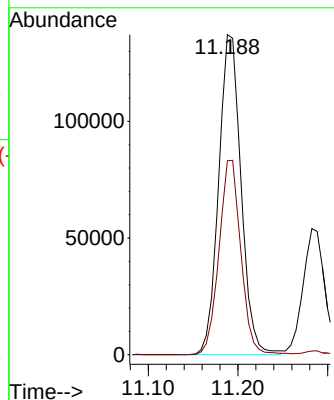
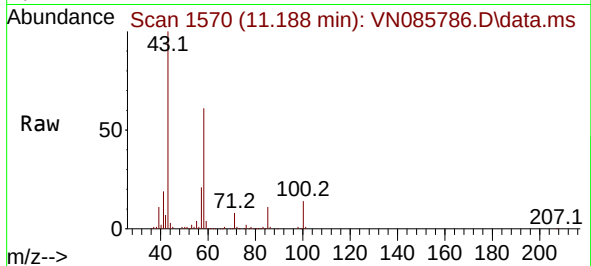




#59  
2-Hexanone  
Concen: 97.555 ug/l  
RT: 11.188 min Scan# 1570  
Delta R.T. 0.000 min  
Lab File: VN085786.D  
Acq: 19 Feb 2025 13:22

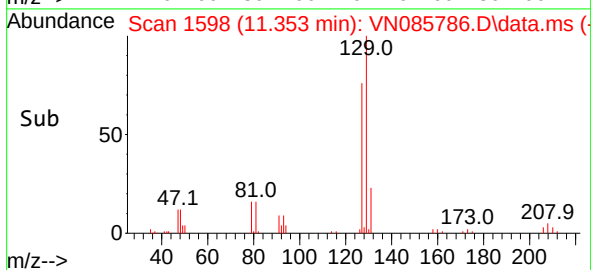
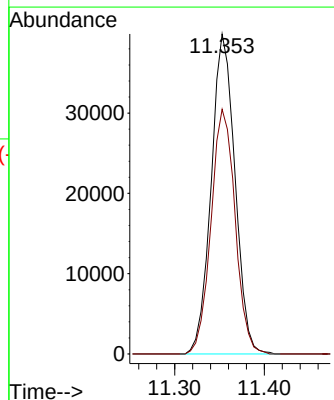
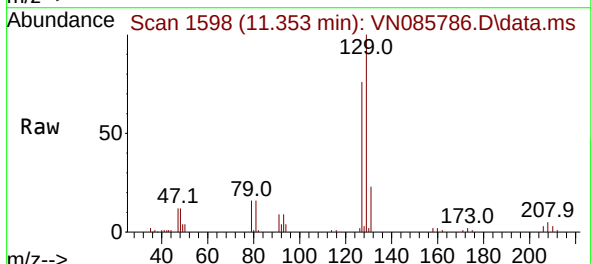
Instrument :  
MSVOA\_N  
ClientSampleId :

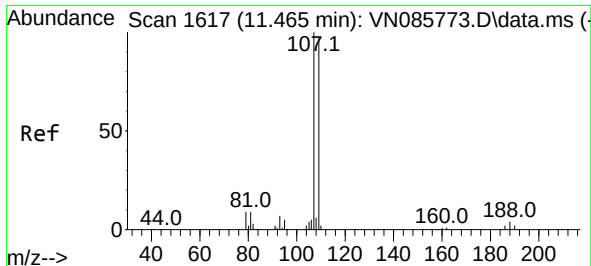
Tgt Ion: 43 Resp: 237858  
Ion Ratio Lower Upper  
43 100  
58 59.3 29.8 89.5



#60  
Dibromochloromethane  
Concen: 18.852 ug/l  
RT: 11.353 min Scan# 1598  
Delta R.T. -0.000 min  
Lab File: VN085786.D  
Acq: 19 Feb 2025 13:22

Tgt Ion:129 Resp: 73246  
Ion Ratio Lower Upper  
129 100  
127 77.5 39.1 117.5

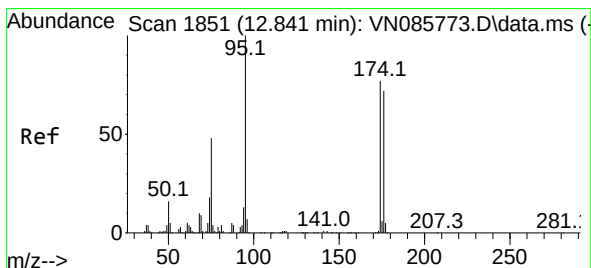
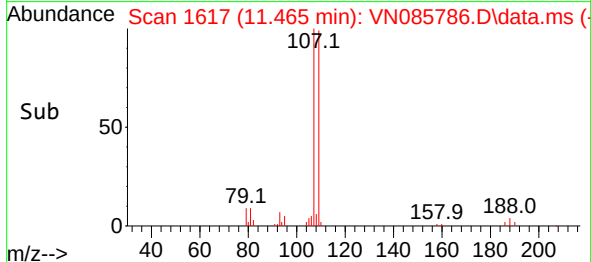
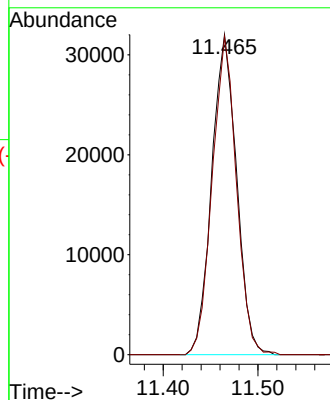
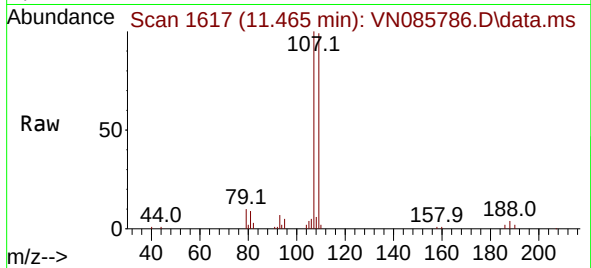




#61  
1,2-Dibromoethane  
Concen: 18.511 ug/l  
RT: 11.465 min Scan# 1617  
Delta R.T. -0.000 min  
Lab File: VN085786.D  
Acq: 19 Feb 2025 13:22

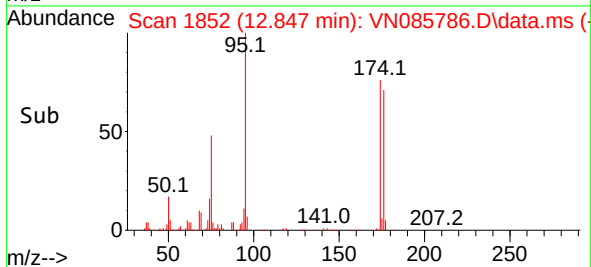
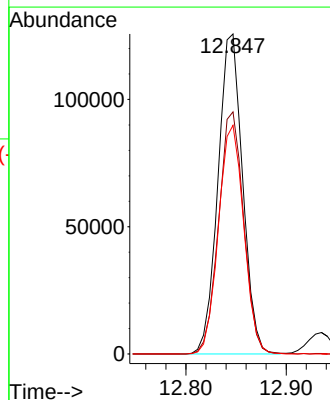
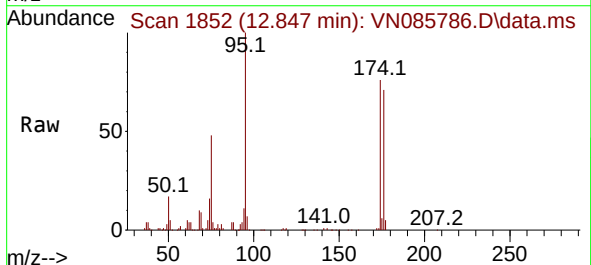
Instrument :  
MSVOA\_N  
ClientSampleId :

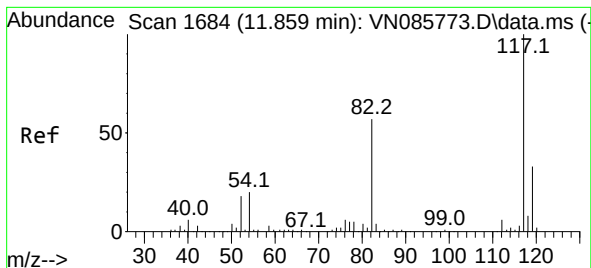
Tgt Ion:107 Resp: 58358  
Ion Ratio Lower Upper  
107 100  
109 96.6 76.0 114.0



#62  
4-Bromofluorobenzene  
Concen: 56.623 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. 0.006 min  
Lab File: VN085786.D  
Acq: 19 Feb 2025 13:22

Tgt Ion: 95 Resp: 214234  
Ion Ratio Lower Upper  
95 100  
174 77.0 0.0 152.4  
176 73.3 0.0 146.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.859 min Scan# 117

Delta R.T. -0.000 min

Lab File: VN085786.D

Acq: 19 Feb 2025 13:22

Instrument :

MSVOA\_N

ClientSampleId :

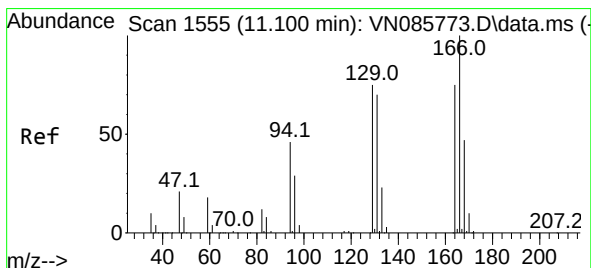
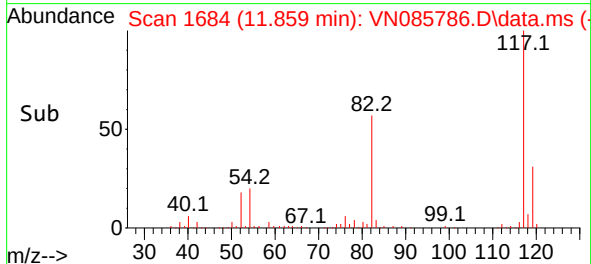
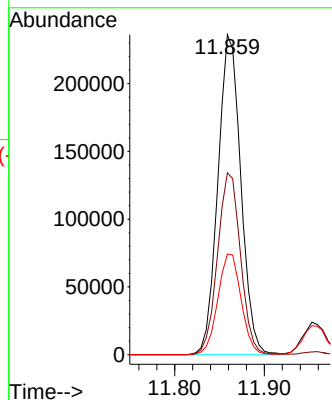
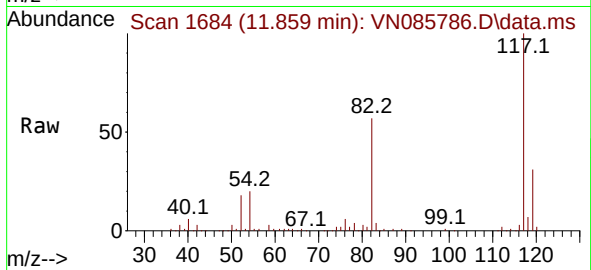
Tgt Ion:117 Resp: 419097

Ion Ratio Lower Upper

117 100

82 56.9 45.7 68.5

119 31.4 26.2 39.2



#64

Tetrachloroethene

Concen: 17.523 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VN085786.D

Acq: 19 Feb 2025 13:22

Tgt Ion:164 Resp: 56894

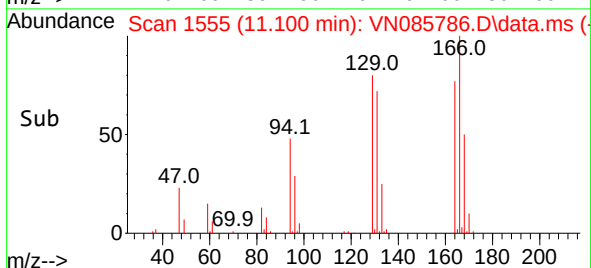
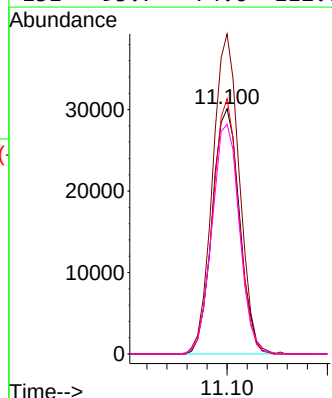
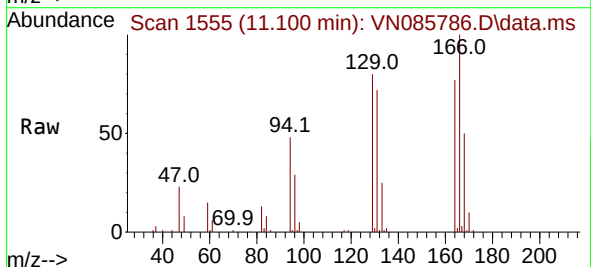
Ion Ratio Lower Upper

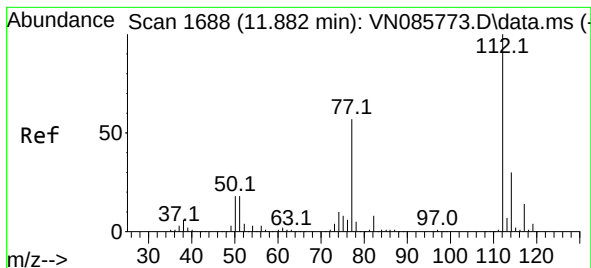
164 100

166 130.5 107.2 160.8

129 104.1 80.7 121.1

131 93.7 74.6 112.0





#65

Chlorobenzene

Concen: 17.490 ug/l

RT: 11.888 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085786.D

Acq: 19 Feb 2025 13:22

Instrument :

MSVOA\_N

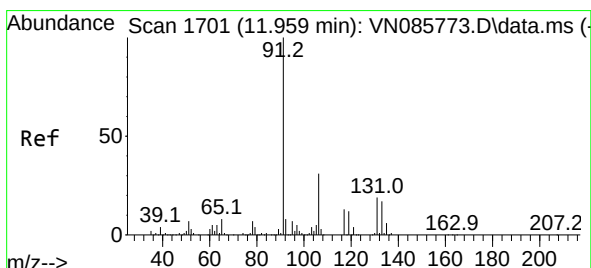
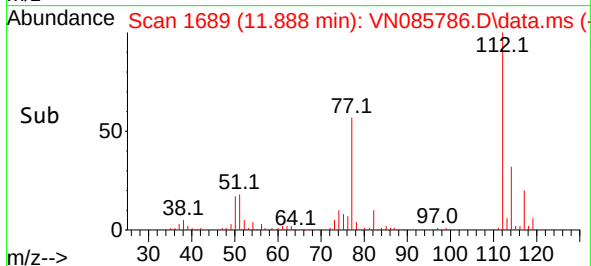
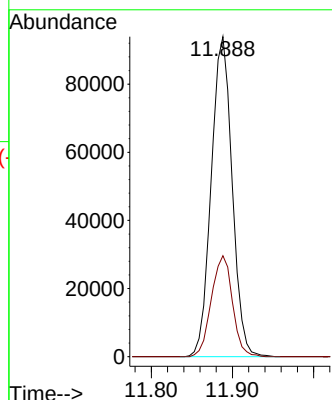
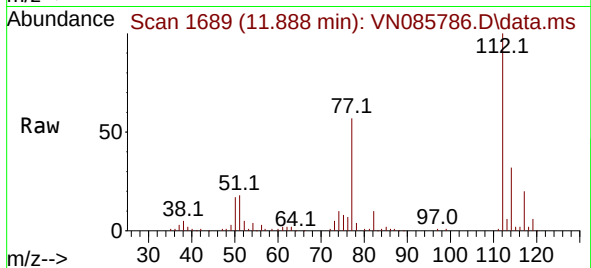
ClientSampleId :

Tgt Ion:112 Resp: 167918

Ion Ratio Lower Upper

112 100

114 31.6 24.3 36.5



#66

1,1,1,2-Tetrachloroethane

Concen: 17.714 ug/l

RT: 11.953 min Scan# 1700

Delta R.T. -0.006 min

Lab File: VN085786.D

Acq: 19 Feb 2025 13:22

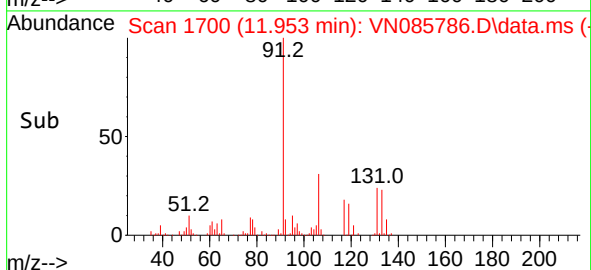
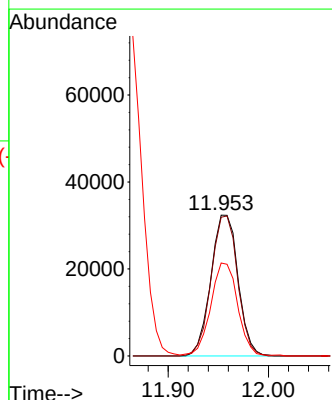
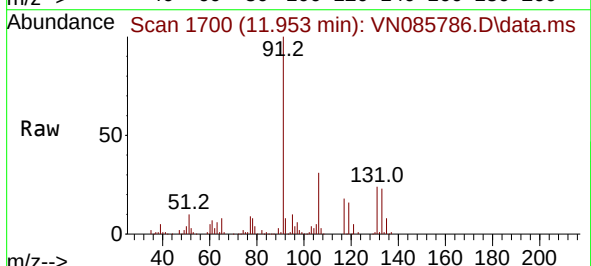
Tgt Ion:131 Resp: 61128

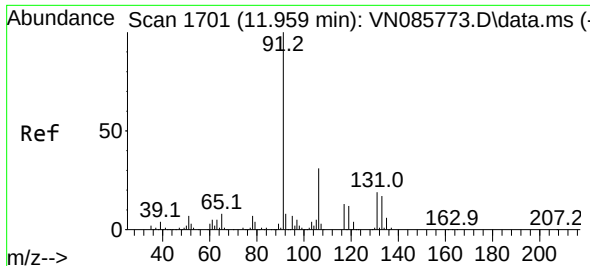
Ion Ratio Lower Upper

131 100

133 96.9 47.7 143.1

119 65.5 33.3 99.8

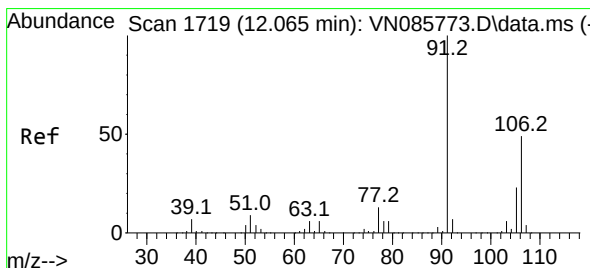
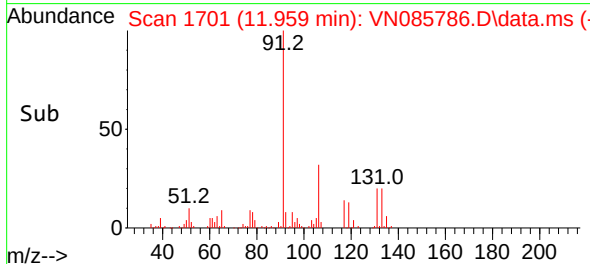
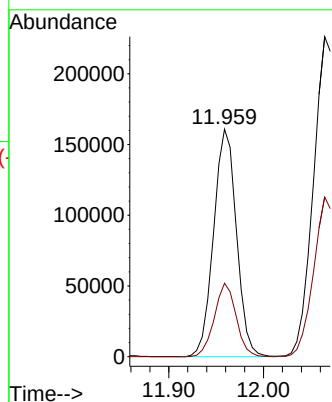
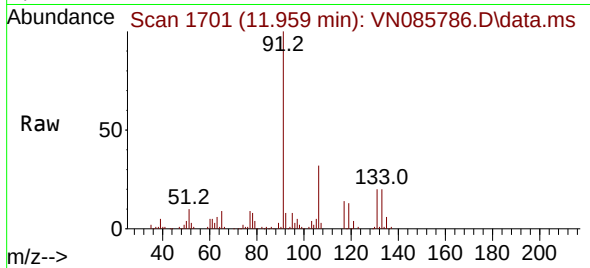




#67  
Ethyl Benzene  
Concen: 17.926 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VN085786.D  
Acq: 19 Feb 2025 13:22

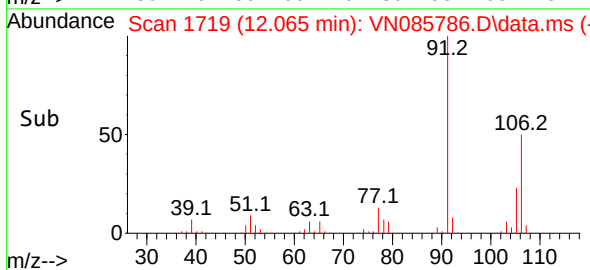
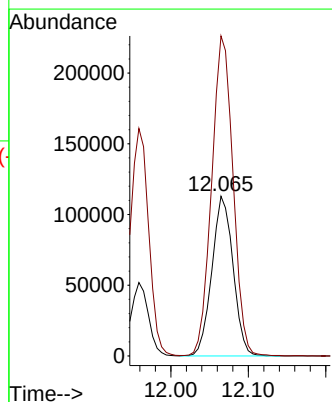
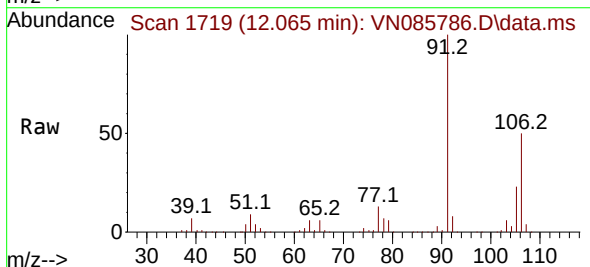
Instrument :  
MSVOA\_N  
ClientSampleId :

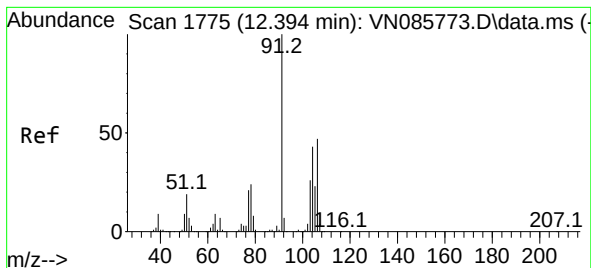
Tgt Ion: 91 Resp: 269597  
Ion Ratio Lower Upper  
91 100  
106 32.3 24.7 37.1



#68  
m/p-Xylenes  
Concen: 37.576 ug/l  
RT: 12.065 min Scan# 1719  
Delta R.T. -0.000 min  
Lab File: VN085786.D  
Acq: 19 Feb 2025 13:22

Tgt Ion:106 Resp: 214661  
Ion Ratio Lower Upper  
106 100  
91 201.9 163.3 244.9





#69

o-Xylene

Concen: 18.543 ug/l

RT: 12.394 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN085786.D

Acq: 19 Feb 2025 13:22

Instrument :

MSVOA\_N

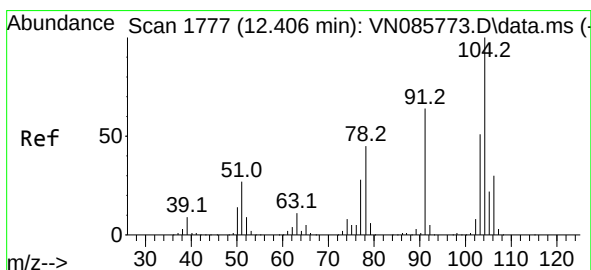
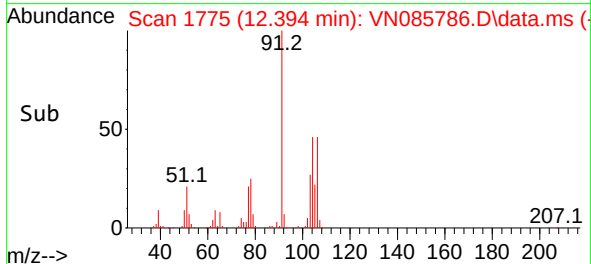
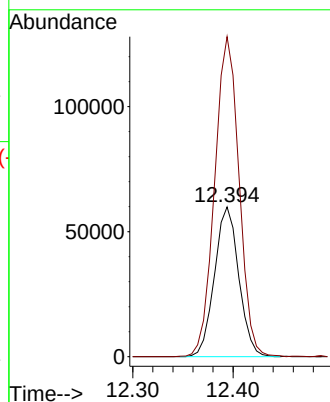
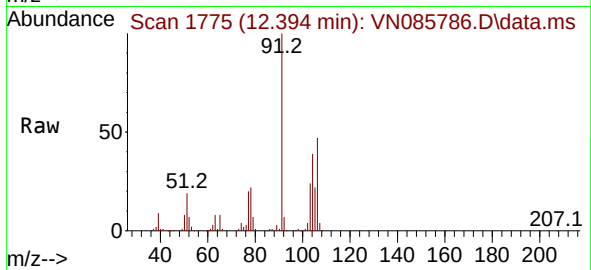
ClientSampleId :

Tgt Ion:106 Resp: 100658

Ion Ratio Lower Upper

106 100

91 215.0 107.1 321.4



#70

Styrene

Concen: 18.098 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VN085786.D

Acq: 19 Feb 2025 13:22

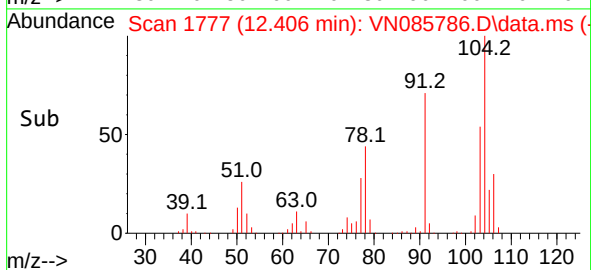
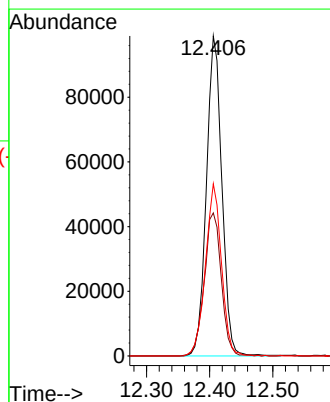
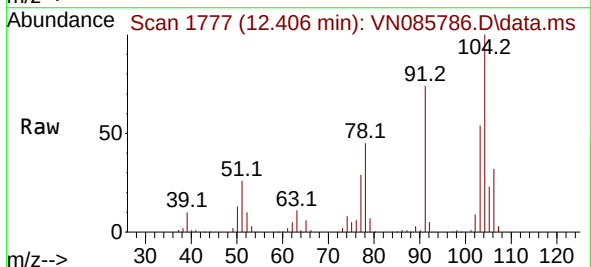
Tgt Ion:104 Resp: 168188

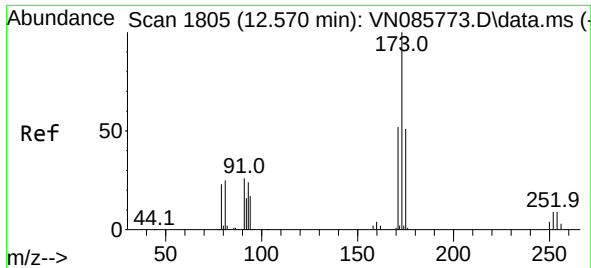
Ion Ratio Lower Upper

104 100

78 49.3 39.0 58.6

103 55.7 43.3 64.9

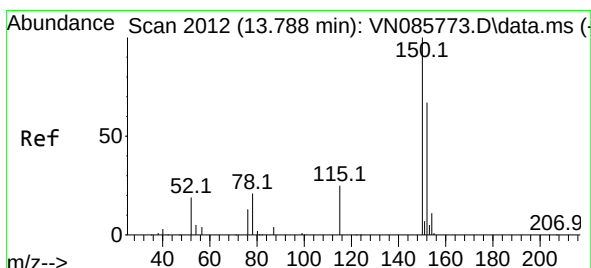
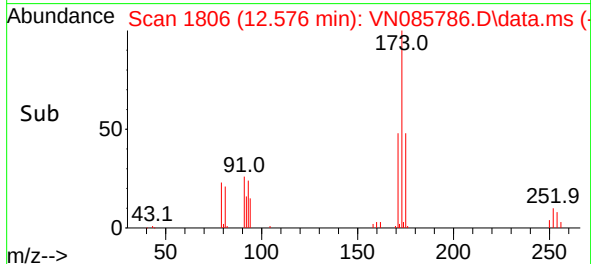
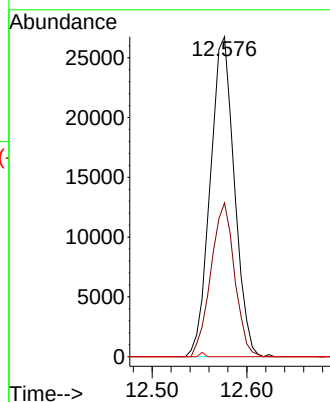
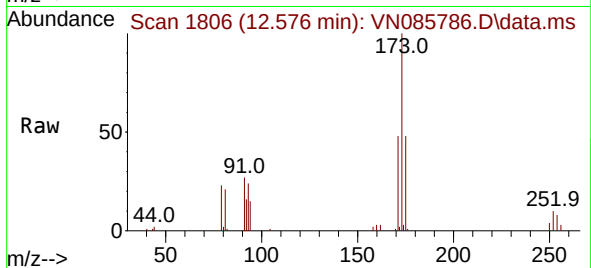




#71  
Bromoform  
Concen: 18.466 ug/l  
RT: 12.576 min Scan# 1806  
Delta R.T. 0.006 min  
Lab File: VN085786.D  
Acq: 19 Feb 2025 13:22

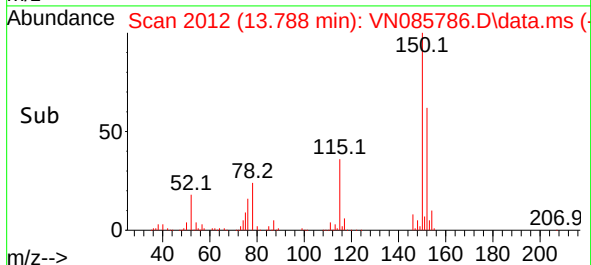
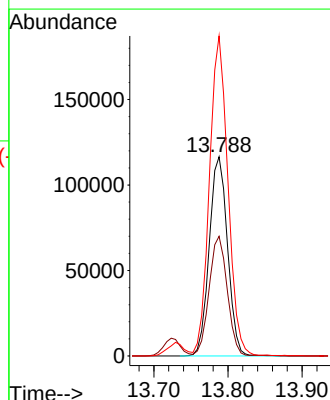
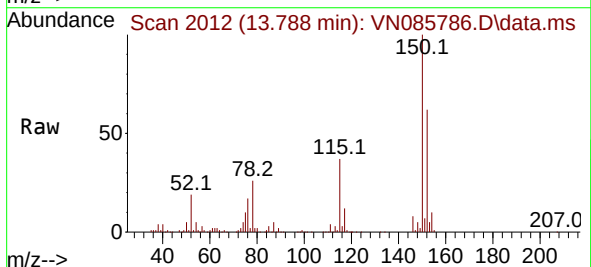
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:173 Resp: 47351  
Ion Ratio Lower Upper  
173 100  
175 47.2 25.1 75.4  
254 0.0 0.0 0.0

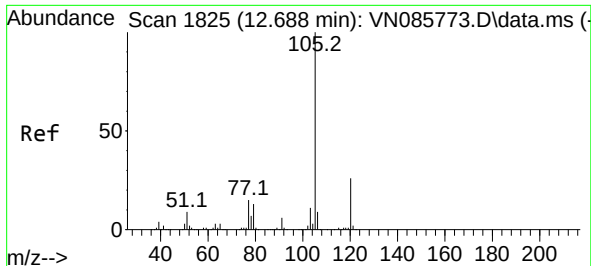


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.788 min Scan# 2012  
Delta R.T. -0.000 min  
Lab File: VN085786.D  
Acq: 19 Feb 2025 13:22

Tgt Ion:152 Resp: 199880  
Ion Ratio Lower Upper  
152 100  
115 59.2 30.4 91.3  
150 162.3 0.0 345.4

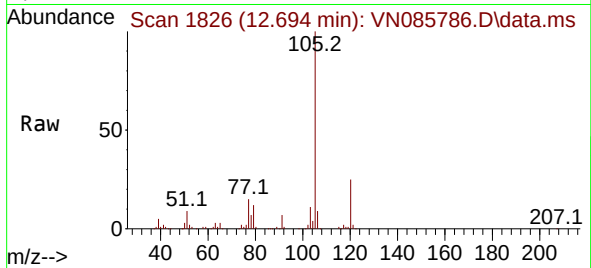




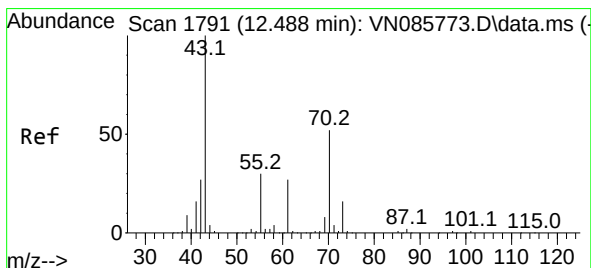
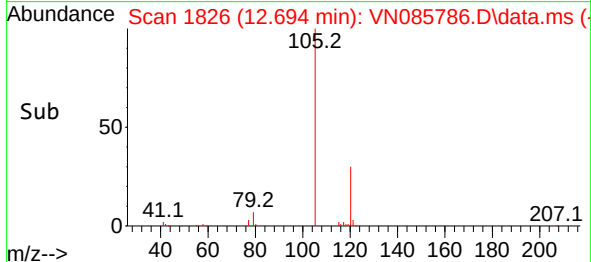
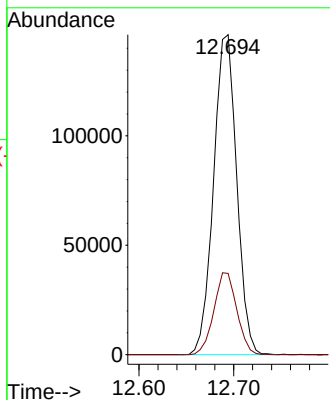


#73  
Isopropylbenzene  
Concen: 18.142 ug/l  
RT: 12.694 min Scan# 1826  
Delta R.T. 0.006 min  
Lab File: VN085786.D  
Acq: 19 Feb 2025 13:22

Instrument :  
MSVOA\_N  
ClientSampleId :

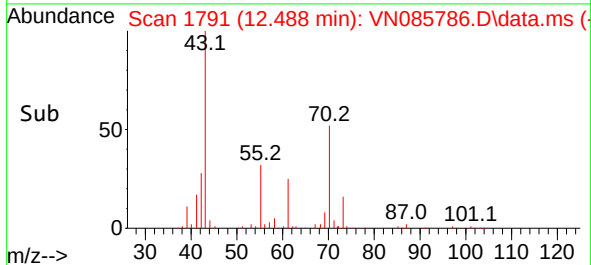
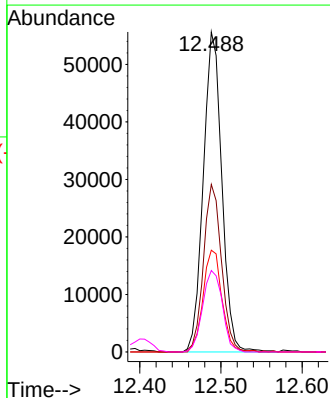
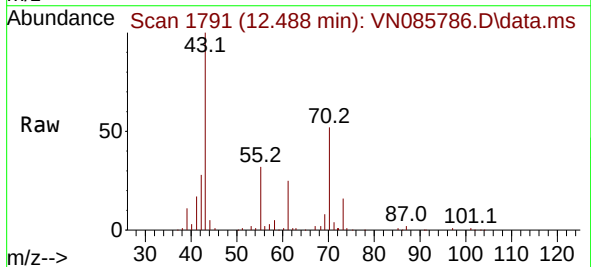


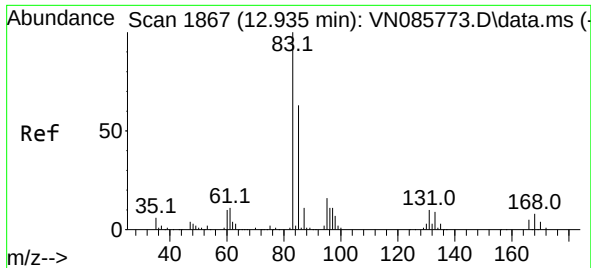
Tgt Ion:105 Resp: 248434  
Ion Ratio Lower Upper  
105 100  
120 25.4 13.0 39.0



#74  
N-ethyl acetate  
Concen: 18.254 ug/l  
RT: 12.488 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: VN085786.D  
Acq: 19 Feb 2025 13:22

Tgt Ion: 43 Resp: 88150  
Ion Ratio Lower Upper  
43 100  
70 51.0 41.0 61.4  
55 32.4 24.6 36.8  
61 27.0 21.6 32.4

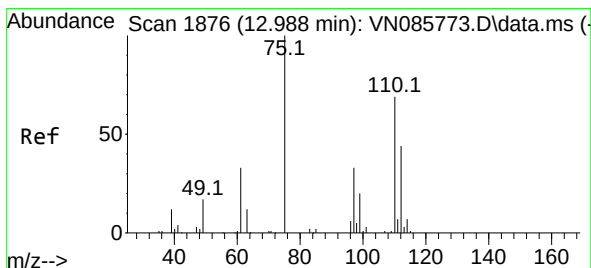
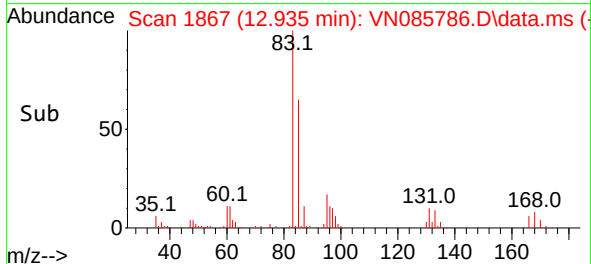
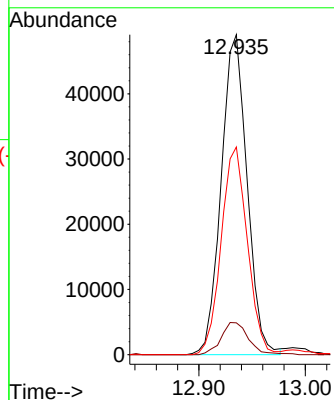
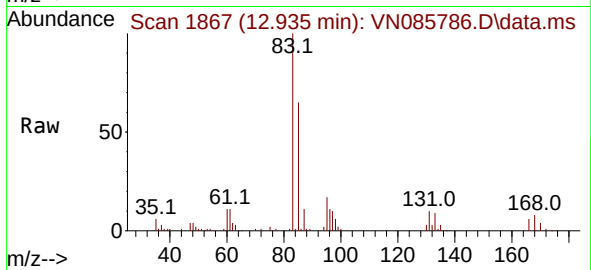




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 17.575 ug/l  
 RT: 12.935 min Scan# 1867  
 Delta R.T. -0.000 min  
 Lab File: VN085786.D  
 Acq: 19 Feb 2025 13:22

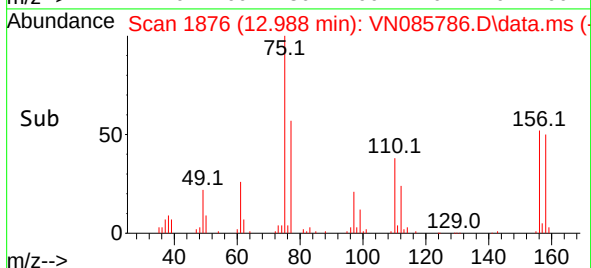
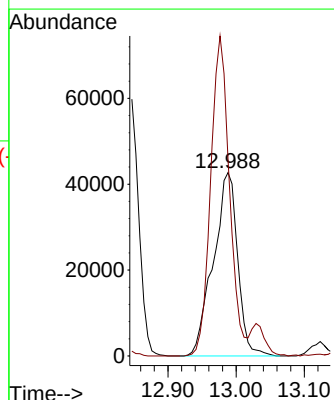
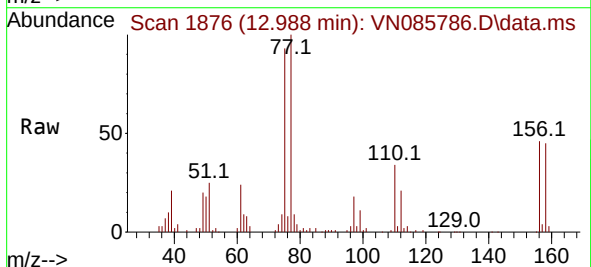
Instrument :  
 MSVOA\_N  
 ClientSampleId :

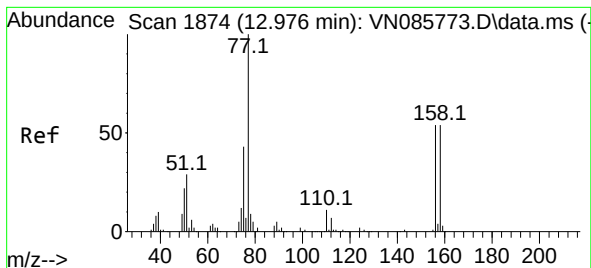
Tgt Ion: 83 Resp: 82814  
 Ion Ratio Lower Upper  
 83 100  
 131 10.7 5.0 15.0  
 85 65.7 32.2 96.6



#76  
 1,2,3-Trichloropropane  
 Concen: 23.873 ug/l  
 RT: 12.988 min Scan# 1876  
 Delta R.T. -0.000 min  
 Lab File: VN085786.D  
 Acq: 19 Feb 2025 13:22

Tgt Ion: 75 Resp: 105996  
 Ion Ratio Lower Upper  
 75 100  
 77 135.6 100.0 300.0





#77

Bromobenzene

Concen: 17.708 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.000 min

Lab File: VN085786.D

Acq: 19 Feb 2025 13:22

Instrument :

MSVOA\_N

ClientSampleId :

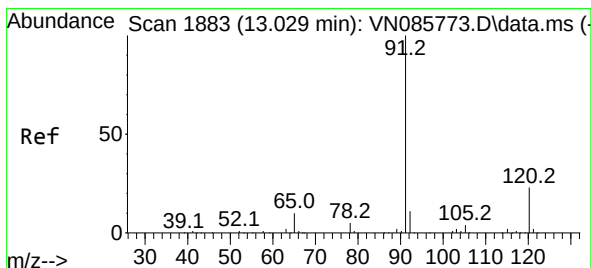
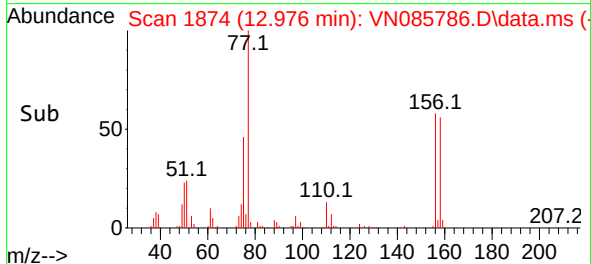
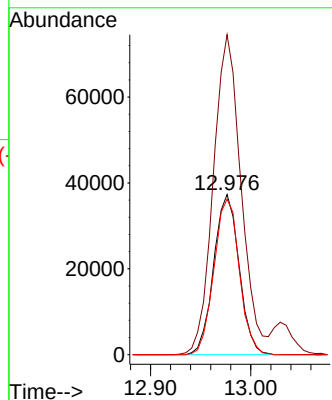
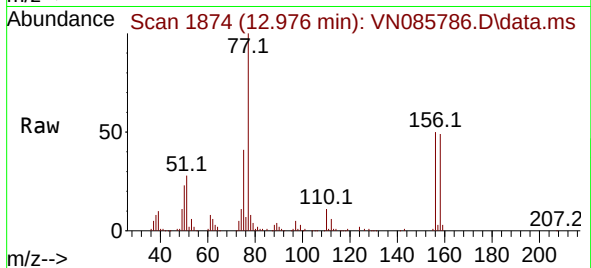
Tgt Ion:156 Resp: 65513

Ion Ratio Lower Upper

156 100

77 219.4 104.1 312.3

158 97.0 48.1 144.4



#78

n-propylbenzene

Concen: 18.627 ug/l

RT: 13.029 min Scan# 1883

Delta R.T. 0.000 min

Lab File: VN085786.D

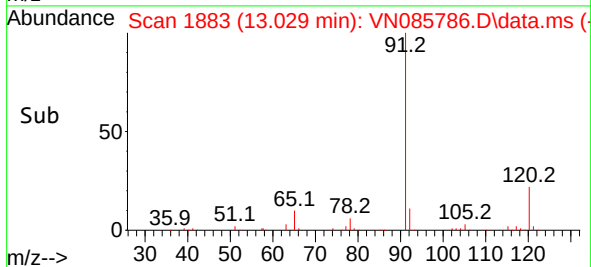
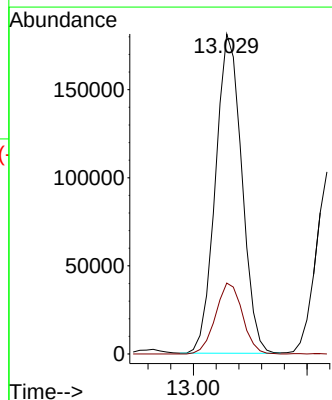
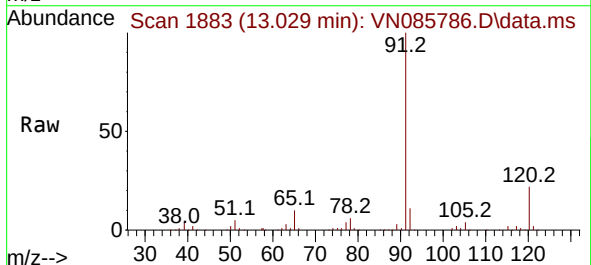
Acq: 19 Feb 2025 13:22

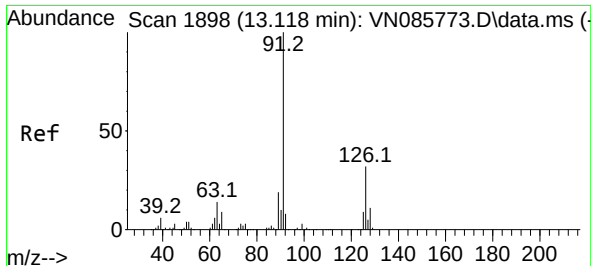
Tgt Ion: 91 Resp: 292124

Ion Ratio Lower Upper

91 100

120 22.6 11.3 33.8

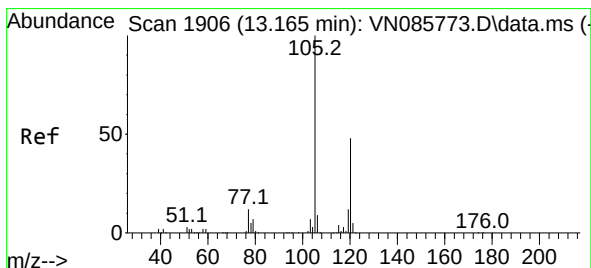
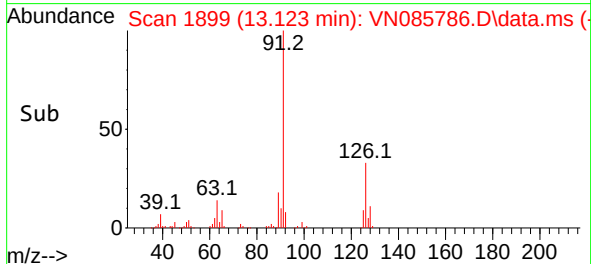
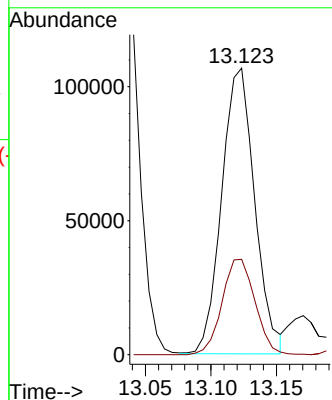
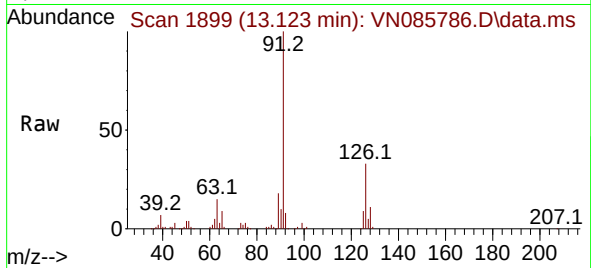




#79  
2-Chlorotoluene  
Concen: 17.830 ug/l  
RT: 13.123 min Scan# 1899  
Delta R.T. 0.006 min  
Lab File: VN085786.D  
Acq: 19 Feb 2025 13:22

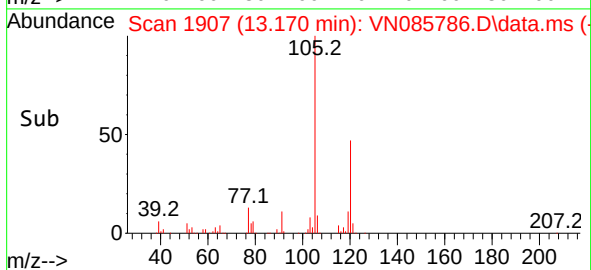
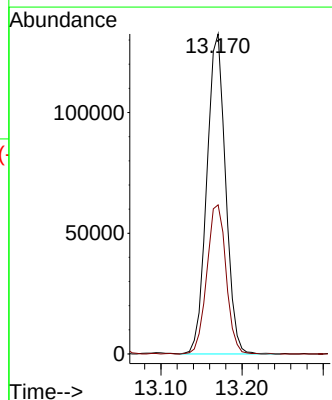
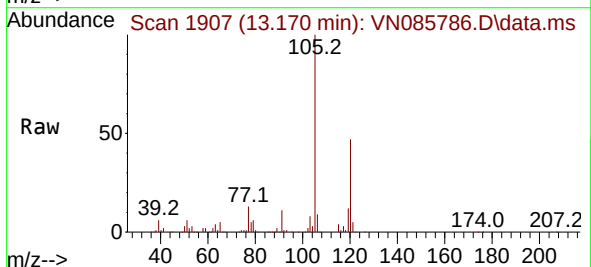
Instrument :  
MSVOA\_N  
ClientSampleId :

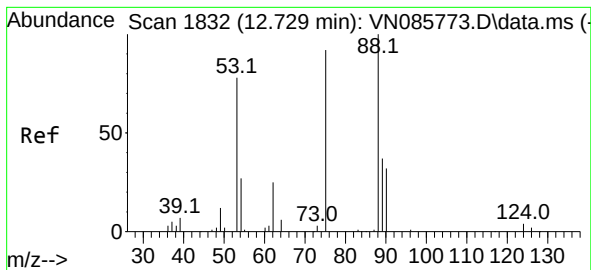
Tgt Ion: 91 Resp: 186830  
Ion Ratio Lower Upper  
91 100  
126 33.4 16.4 49.1



#80  
1,3,5-Trimethylbenzene  
Concen: 19.030 ug/l  
RT: 13.170 min Scan# 1907  
Delta R.T. 0.006 min  
Lab File: VN085786.D  
Acq: 19 Feb 2025 13:22

Tgt Ion: 105 Resp: 212280  
Ion Ratio Lower Upper  
105 100  
120 47.7 24.3 72.9

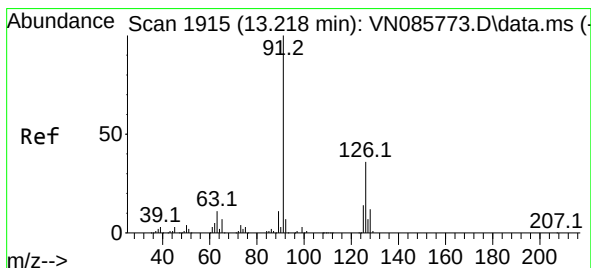
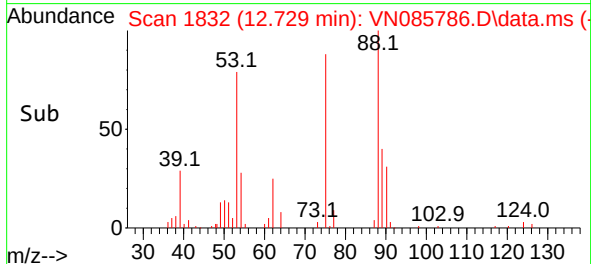
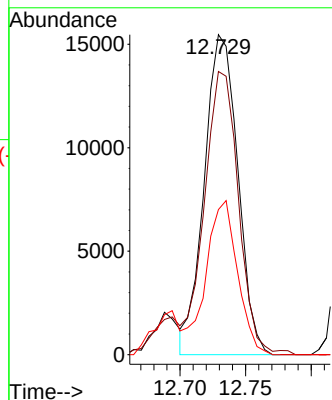
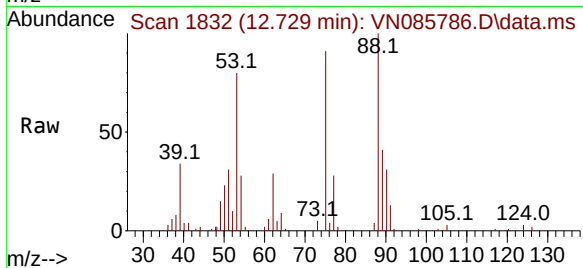




#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.103 ug/l  
RT: 12.729 min Scan# 1832  
Delta R.T. -0.000 min  
Lab File: VN085786.D  
Acq: 19 Feb 2025 13:22

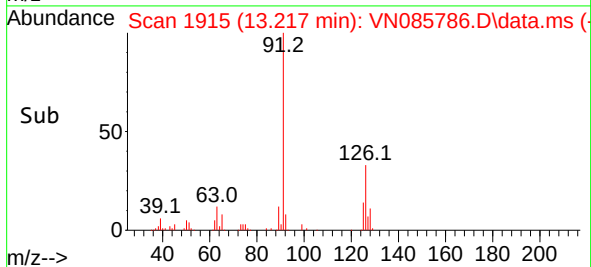
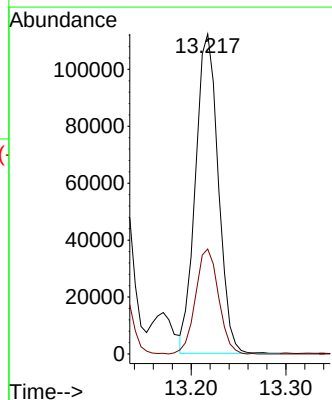
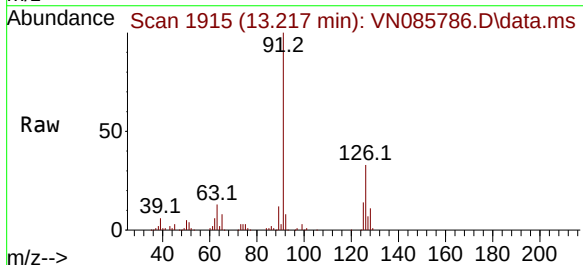
Instrument :  
MSVOA\_N  
ClientSampleId :

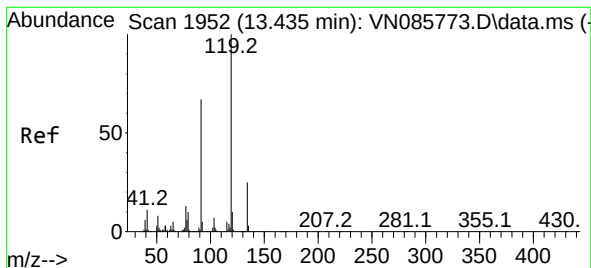
Tgt Ion: 75 Resp: 27548  
Ion Ratio Lower Upper  
75 100  
53 99.6 74.2 111.4  
89 44.1 34.9 52.3



#82  
4-Chlorotoluene  
Concen: 18.067 ug/l  
RT: 13.217 min Scan# 1915  
Delta R.T. -0.000 min  
Lab File: VN085786.D  
Acq: 19 Feb 2025 13:22

Tgt Ion: 91 Resp: 187674  
Ion Ratio Lower Upper  
91 100  
126 33.3 16.4 49.4

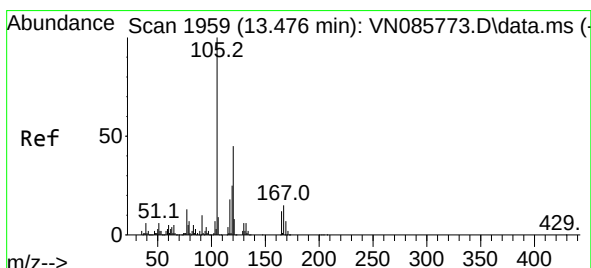
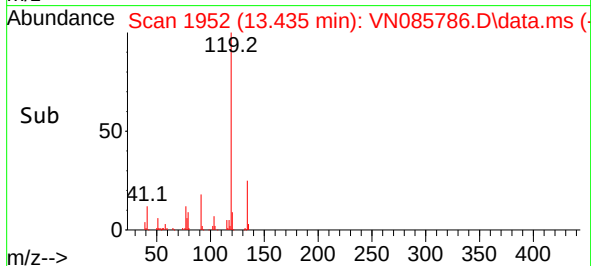
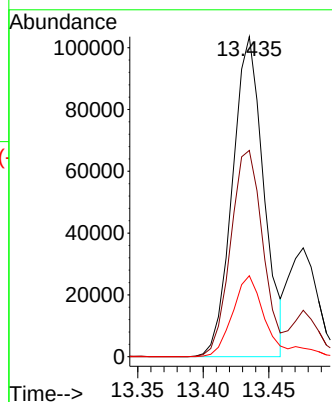
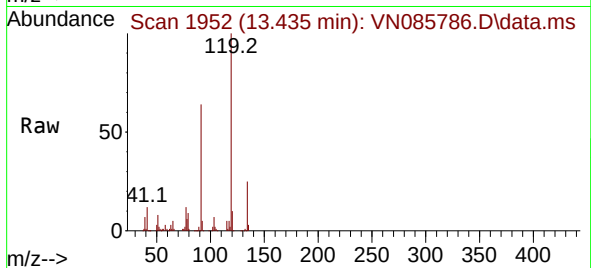




#83  
 tert-Butylbenzene  
 Concen: 18.340 ug/l  
 RT: 13.435 min Scan# 1952  
 Delta R.T. 0.000 min  
 Lab File: VN085786.D  
 Acq: 19 Feb 2025 13:22

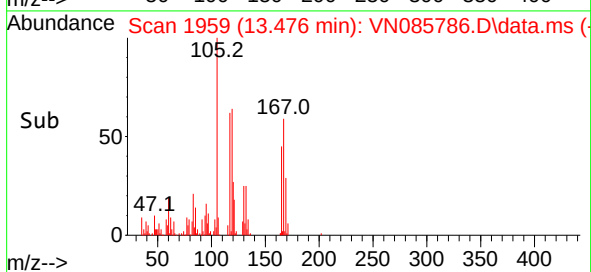
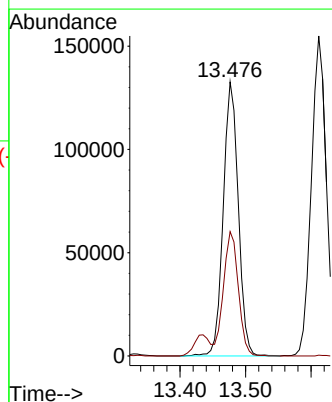
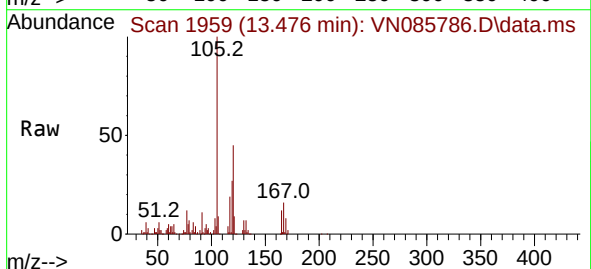
Instrument :  
 MSVOA\_N  
 ClientSampleId :

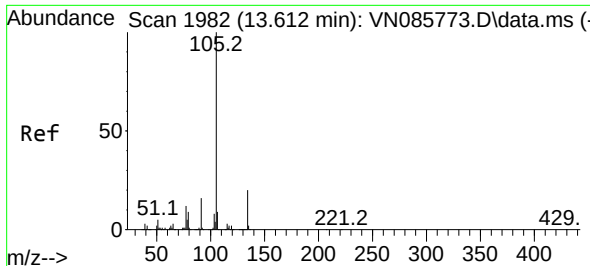
Tgt Ion:119 Resp: 172030  
 Ion Ratio Lower Upper  
 119 100  
 91 66.4 32.5 97.5  
 134 27.4 13.3 39.9



#84  
 1,2,4-Trimethylbenzene  
 Concen: 19.064 ug/l  
 RT: 13.476 min Scan# 1959  
 Delta R.T. -0.000 min  
 Lab File: VN085786.D  
 Acq: 19 Feb 2025 13:22

Tgt Ion:105 Resp: 210395  
 Ion Ratio Lower Upper  
 105 100  
 120 45.5 22.4 67.3

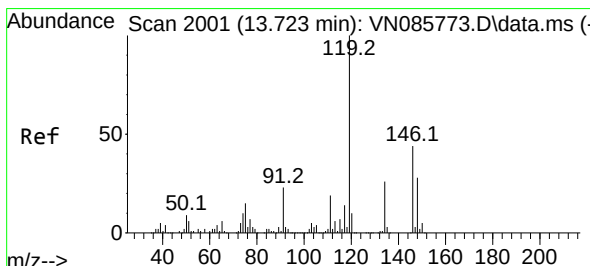
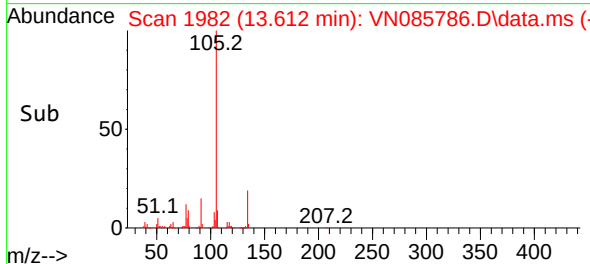
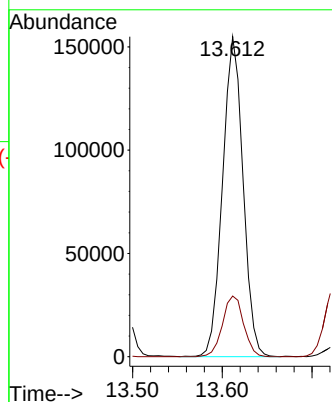
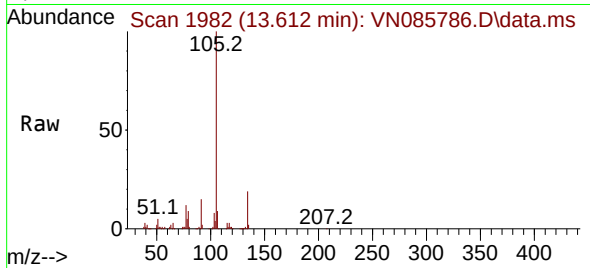




#85  
 sec-Butylbenzene  
 Concen: 18.524 ug/l  
 RT: 13.612 min Scan# 1982  
 Delta R.T. -0.000 min  
 Lab File: VN085786.D  
 Acq: 19 Feb 2025 13:22

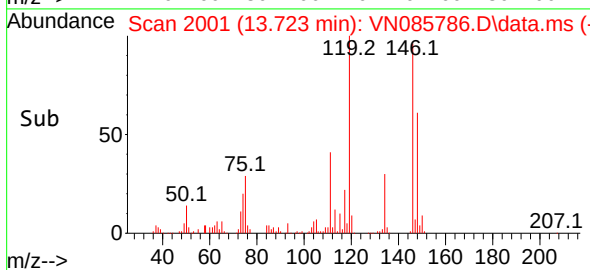
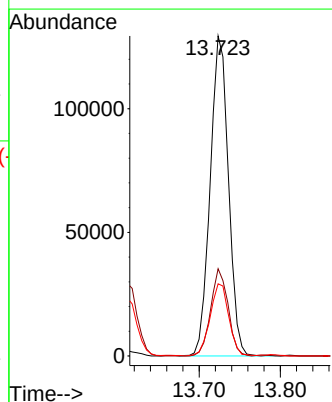
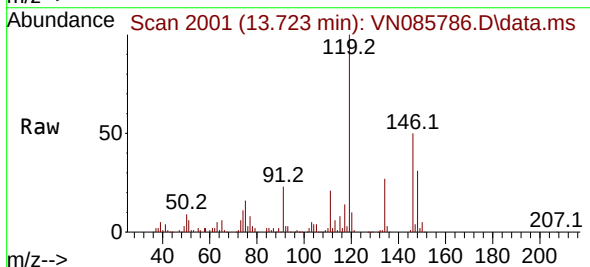
Instrument :  
 MSVOA\_N  
 ClientSampleId :

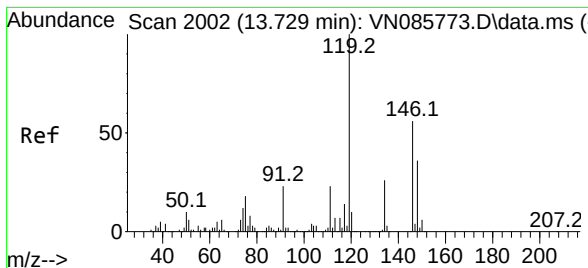
Tgt Ion:105 Resp: 245503  
 Ion Ratio Lower Upper  
 105 100  
 134 19.5 9.8 29.4



#86  
 p-Isopropyltoluene  
 Concen: 17.957 ug/l  
 RT: 13.723 min Scan# 2001  
 Delta R.T. 0.000 min  
 Lab File: VN085786.D  
 Acq: 19 Feb 2025 13:22

Tgt Ion:119 Resp: 202304  
 Ion Ratio Lower Upper  
 119 100  
 134 25.8 13.0 39.0  
 91 23.2 11.7 35.1





#87

1,3-Dichlorobenzene

Concen: 17.354 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN085786.D

Acq: 19 Feb 2025 13:22

Instrument :

MSVOA\_N

ClientSampleId :

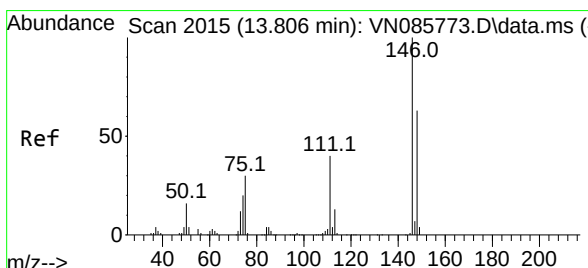
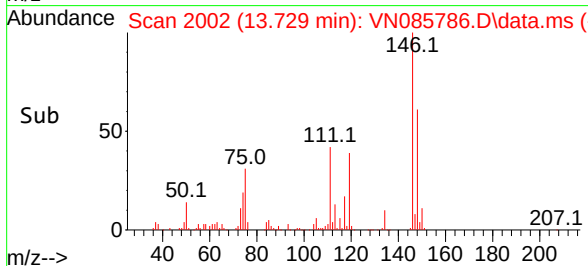
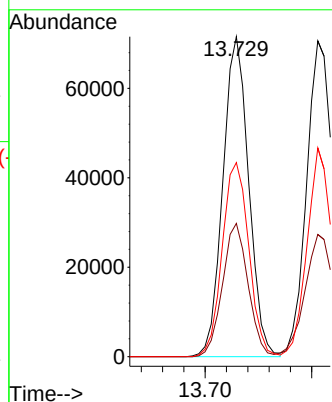
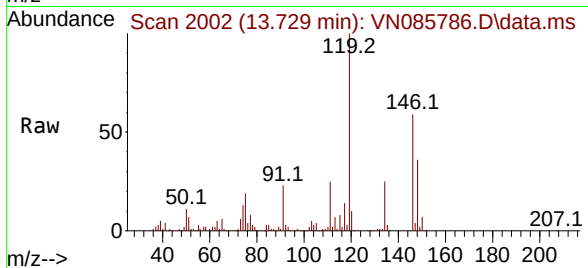
Tgt Ion:146 Resp: 120286

Ion Ratio Lower Upper

146 100

111 41.3 21.1 63.3

148 62.6 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 17.073 ug/l

RT: 13.806 min Scan# 2015

Delta R.T. -0.000 min

Lab File: VN085786.D

Acq: 19 Feb 2025 13:22

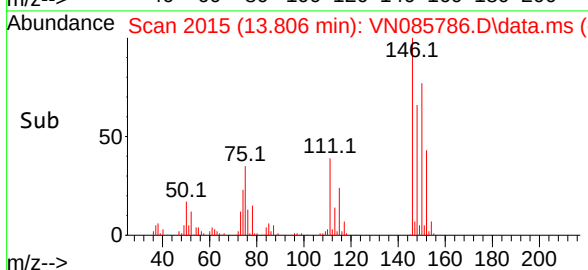
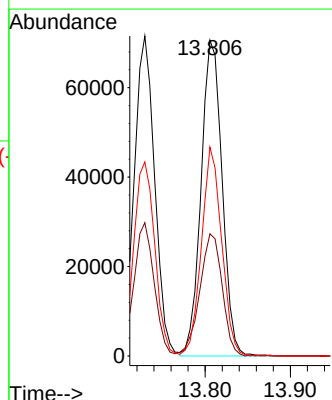
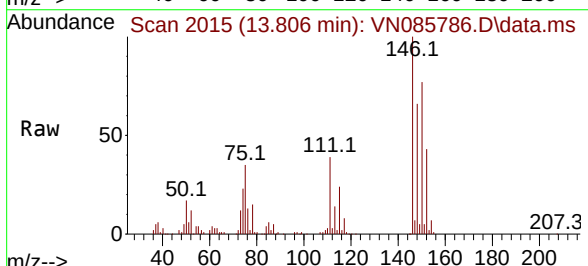
Tgt Ion:146 Resp: 121293

Ion Ratio Lower Upper

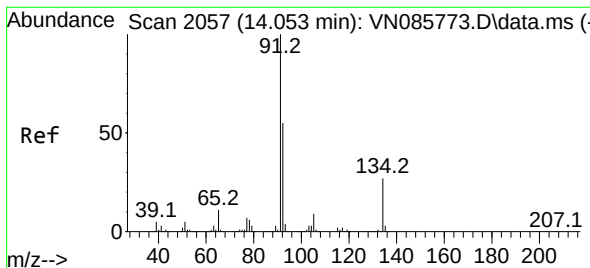
146 100

111 41.3 20.4 61.3

148 63.4 31.8 95.4







#89

n-Butylbenzene

Concen: 17.307 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN085786.D

Acq: 19 Feb 2025 13:22

Instrument :

MSVOA\_N

ClientSampleId :

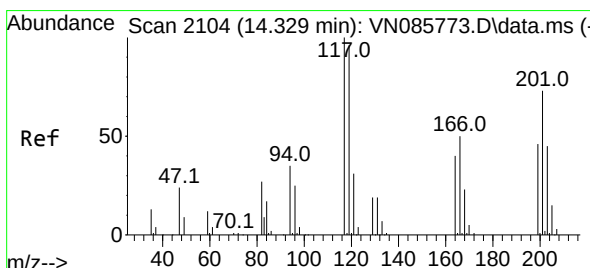
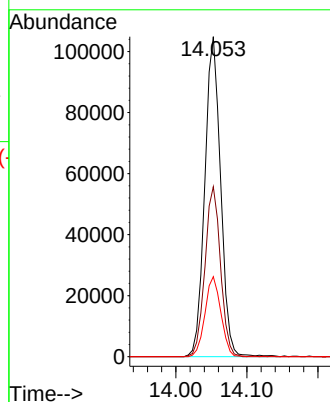
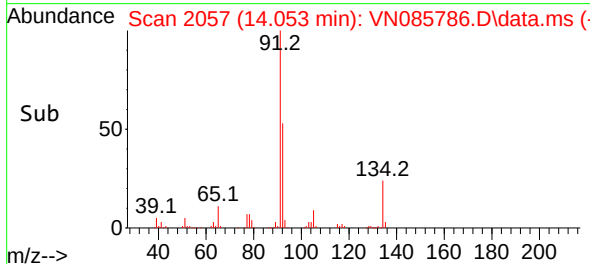
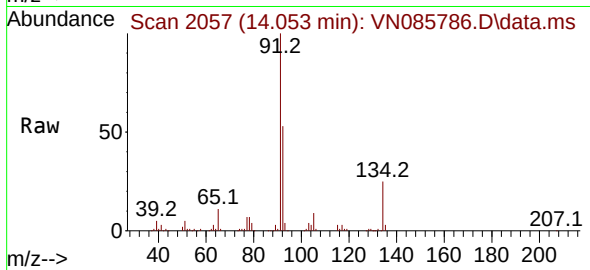
Tgt Ion: 91 Resp: 162853

Ion Ratio Lower Upper

91 100

92 52.1 27.1 81.3

134 25.0 12.7 38.1



#90

Hexachloroethane

Concen: 16.669 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.000 min

Lab File: VN085786.D

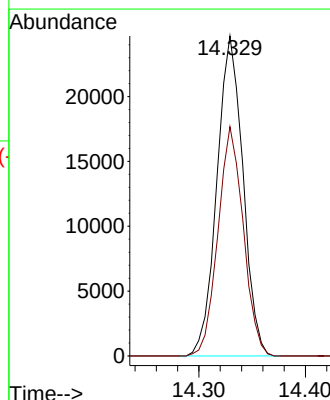
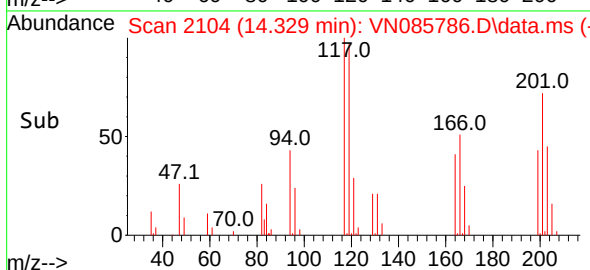
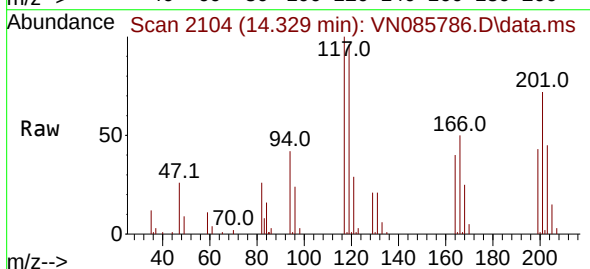
Acq: 19 Feb 2025 13:22

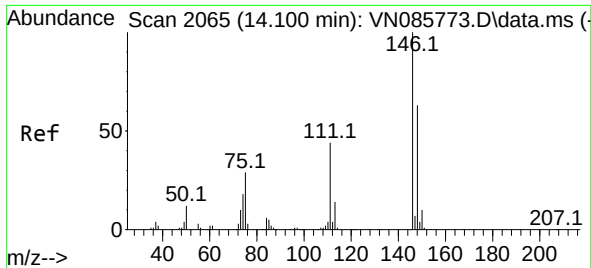
Tgt Ion: 117 Resp: 41839

Ion Ratio Lower Upper

117 100

201 69.7 35.6 106.9

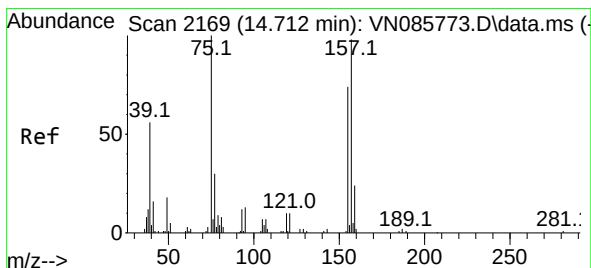
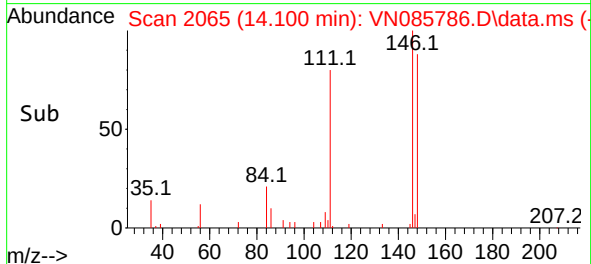
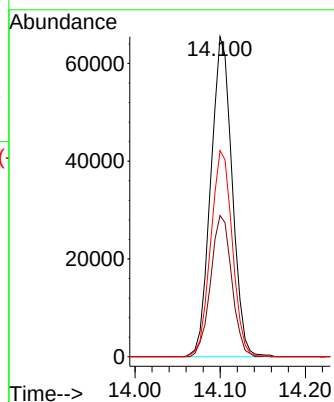
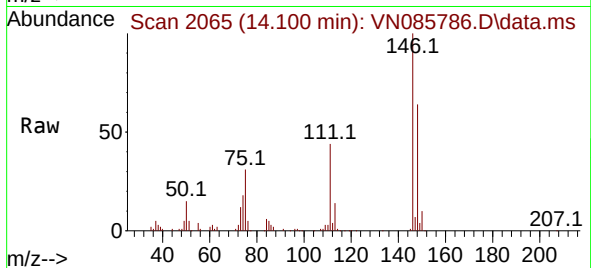




#91  
1,2-Dichlorobenzene  
Concen: 17.079 ug/l  
RT: 14.100 min Scan# 2065  
Delta R.T. -0.000 min  
Lab File: VN085786.D  
Acq: 19 Feb 2025 13:22

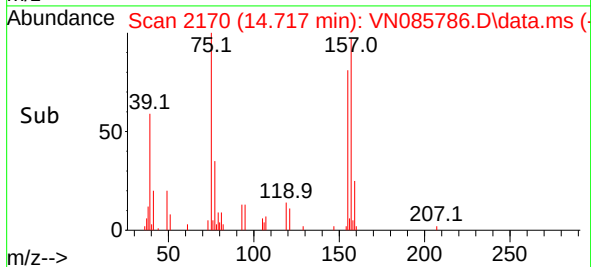
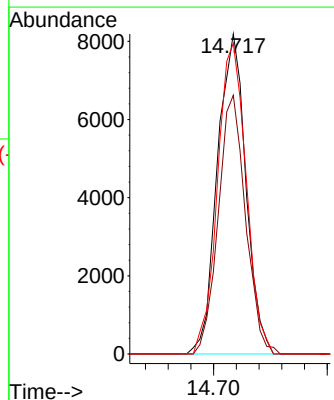
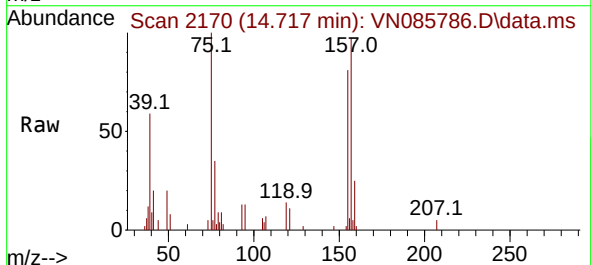
Instrument :  
MSVOA\_N  
ClientSampleId :

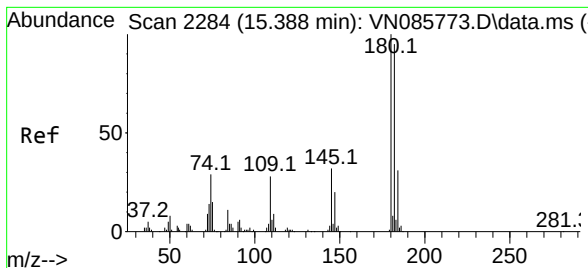
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 43.5  | 21.4  | 64.3  |
| 148     | 65.1  | 32.0  | 96.2  |



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 16.415 ug/l  
RT: 14.717 min Scan# 2170  
Delta R.T. 0.006 min  
Lab File: VN085786.D  
Acq: 19 Feb 2025 13:22

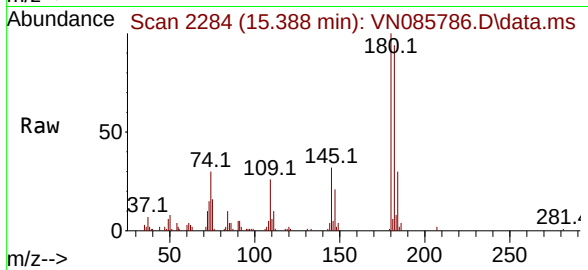
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 77.6  | 39.9  | 119.6 |
| 157     | 97.9  | 49.9  | 149.7 |



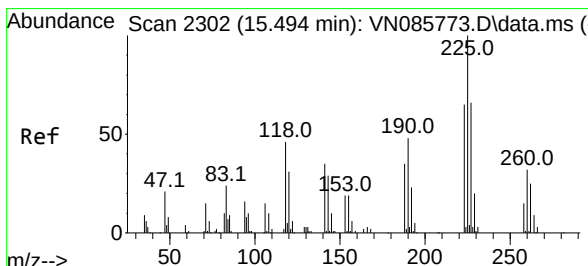
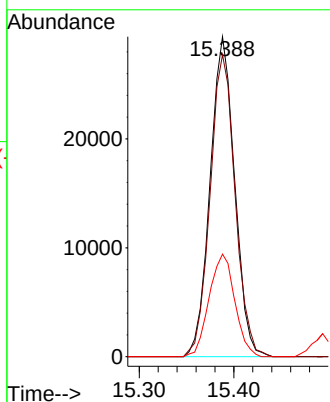
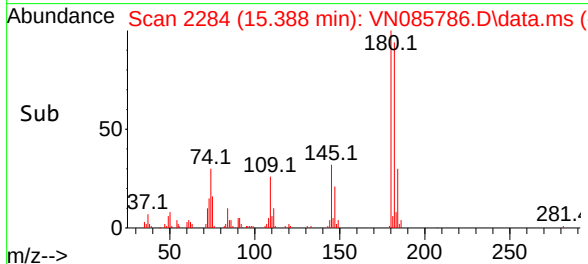


#93  
 1,2,4-Trichlorobenzene  
 Concen: 16.681 ug/l  
 RT: 15.388 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VN085786.D  
 Acq: 19 Feb 2025 13:22

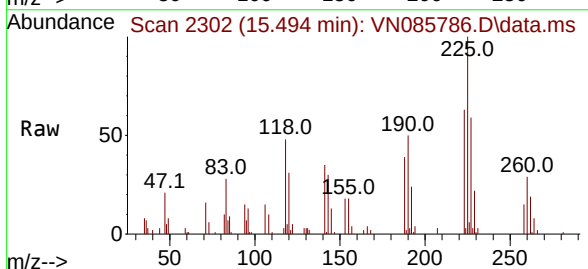
Instrument :  
 MSVOA\_N  
 ClientSampleId :



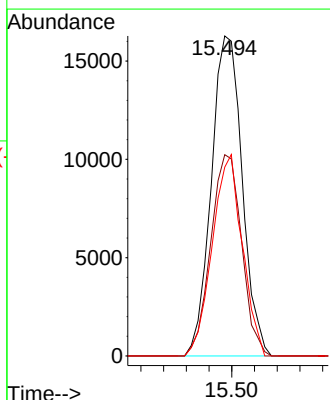
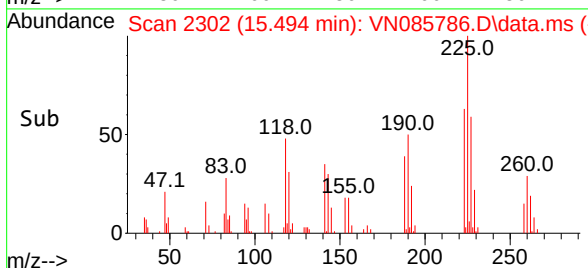
Tgt Ion:180 Resp: 52980  
 Ion Ratio Lower Upper  
 180 100  
 182 96.0 47.3 141.9  
 145 33.5 16.2 48.5

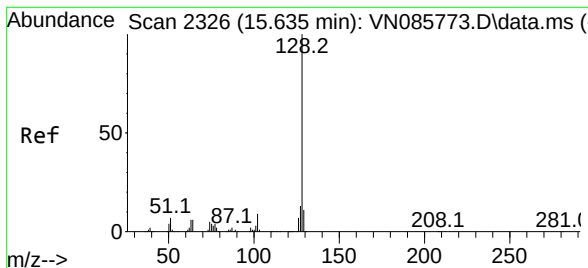


#94  
 Hexachlorobutadiene  
 Concen: 15.921 ug/l  
 RT: 15.494 min Scan# 2302  
 Delta R.T. -0.000 min  
 Lab File: VN085786.D  
 Acq: 19 Feb 2025 13:22



Tgt Ion:225 Resp: 30731  
 Ion Ratio Lower Upper  
 225 100  
 223 62.7 31.9 95.5  
 227 61.0 32.2 96.6





#95

Naphthalene

Concen: 16.554 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. -0.000 min

Lab File: VN085786.D

Acq: 19 Feb 2025 13:22

Instrument :

MSVOA\_N

ClientSampleId :

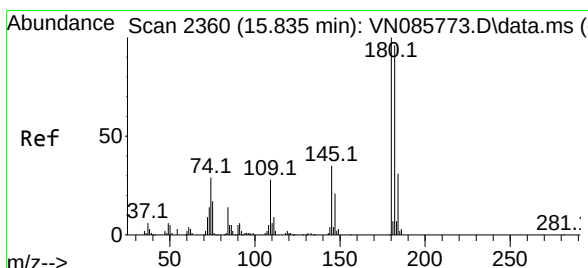
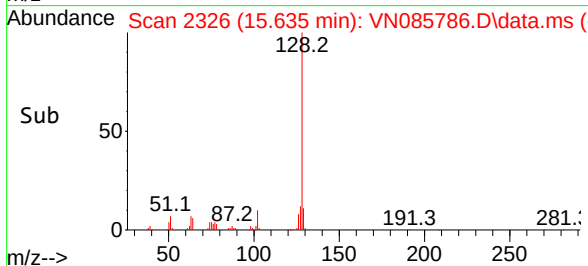
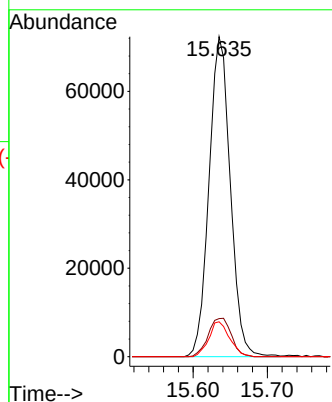
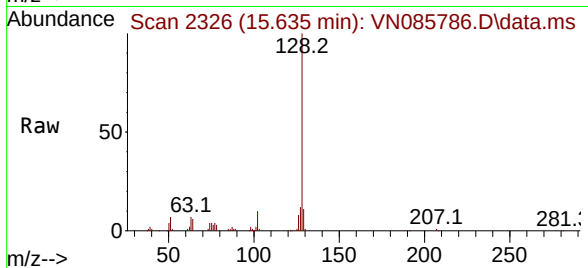
Tgt Ion:128 Resp: 144340

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 10.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 16.662 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN085786.D

Acq: 19 Feb 2025 13:22

Tgt Ion:180 Resp: 53127

Ion Ratio Lower Upper

180 100

182 93.5 47.3 141.8

145 32.5 16.9 50.6

