

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN010625\  
 Data File : VN085385.D  
 Acq On : 06 Jan 2025 13:19  
 Operator : JC\MD  
 Sample : VN0106WBSD01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jan 07 00:22:08 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N122724W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Dec 28 01:36:16 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.224  | 168  | 161812   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.100  | 114  | 284869   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 245085   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.788 | 152  | 110293   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.577  | 65    | 129007   | 55.898   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 111.800% |      |
| 35) Dibromofluoromethane    | 8.165  | 113   | 97267    | 54.731   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 109.460% |      |
| 50) Toluene-d8              | 10.565 | 98    | 341104   | 52.305   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 104.620% |      |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 112887   | 52.122   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | = 104.240% |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.124 | 85  | 45703  | 20.884  | ug/l   | 99  |
| 3) Chloromethane             | 2.359 | 50  | 46912  | 19.073  | ug/l   | 97  |
| 4) Vinyl Chloride            | 2.512 | 62  | 46796  | 17.990  | ug/l   | 97  |
| 5) Bromomethane              | 2.965 | 94  | 28281  | 16.624  | ug/l   | 97  |
| 6) Chloroethane              | 3.124 | 64  | 29948  | 18.154  | ug/l # | 86  |
| 7) Trichlorofluoromethane    | 3.501 | 101 | 68053  | 19.902  | ug/l   | 97  |
| 8) Diethyl Ether             | 3.959 | 74  | 22888  | 20.216  | ug/l   | 93  |
| 9) 1,1,2-Trichlorotrifluo... | 4.371 | 101 | 38670  | 19.875  | ug/l   | 96  |
| 10) Methyl Iodide            | 4.589 | 142 | 40349  | 17.920  | ug/l   | 94  |
| 11) Tert butyl alcohol       | 5.506 | 59  | 27386  | 94.762  | ug/l   | 97  |
| 12) 1,1-Dichloroethene       | 4.342 | 96  | 34687  | 19.290  | ug/l   | 95  |
| 13) Acrolein                 | 4.177 | 56  | 37340  | 82.874  | ug/l   | 99  |
| 14) Allyl chloride           | 5.018 | 41  | 53409  | 18.559  | ug/l   | 98  |
| 15) Acrylonitrile            | 5.712 | 53  | 97407  | 107.090 | ug/l   | 99  |
| 16) Acetone                  | 4.424 | 43  | 81334  | 107.173 | ug/l   | 99  |
| 17) Carbon Disulfide         | 4.712 | 76  | 106155 | 19.406  | ug/l   | 99  |
| 18) Methyl Acetate           | 5.024 | 43  | 51378  | 22.113  | ug/l   | 97  |
| 19) Methyl tert-butyl Ether  | 5.795 | 73  | 115842 | 19.820  | ug/l   | 97  |
| 20) Methylene Chloride       | 5.271 | 84  | 42028  | 20.589  | ug/l   | 91  |
| 21) trans-1,2-Dichloroethene | 5.783 | 96  | 38578  | 20.538  | ug/l   | 98  |
| 22) Diisopropyl ether        | 6.671 | 45  | 132142 | 21.308  | ug/l   | 97  |
| 23) Vinyl Acetate            | 6.600 | 43  | 484354 | 107.962 | ug/l   | 98  |
| 24) 1,1-Dichloroethane       | 6.565 | 63  | 76616  | 20.509  | ug/l   | 97  |
| 25) 2-Butanone               | 7.477 | 43  | 123729 | 105.091 | ug/l   | 95  |
| 26) 2,2-Dichloropropane      | 7.489 | 77  | 65396  | 19.981  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 7.483 | 96  | 44359  | 20.121  | ug/l   | 95  |
| 28) Bromochloromethane       | 7.806 | 49  | 37153  | 21.401  | ug/l # | 99  |
| 29) Tetrahydrofuran          | 7.836 | 42  | 84194  | 111.016 | ug/l   | 95  |
| 30) Chloroform               | 7.959 | 83  | 76748  | 20.082  | ug/l   | 96  |
| 31) Cyclohexane              | 8.253 | 56  | 66279  | 19.430  | ug/l   | 94  |
| 32) 1,1,1-Trichloroethane    | 8.165 | 97  | 66635  | 19.523  | ug/l   | 94  |
| 36) 1,1-Dichloropropene      | 8.365 | 75  | 51629  | 19.842  | ug/l   | 100 |
| 37) Ethyl Acetate            | 7.553 | 43  | 53201  | 20.570  | ug/l   | 98  |
| 38) Carbon Tetrachloride     | 8.359 | 117 | 58775  | 20.723  | ug/l   | 98  |
| 39) Methylcyclohexane        | 9.600 | 83  | 50971  | 18.880  | ug/l   | 97  |
| 40) Benzene                  | 8.600 | 78  | 166000 | 21.100  | ug/l   | 100 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN010625\  
 Data File : VN085385.D  
 Acq On : 06 Jan 2025 13:19  
 Operator : JC\MD  
 Sample : VN0106WBSD01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jan 07 00:22:08 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N122724W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Dec 28 01:36:16 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.771  | 41   | 28271    | 21.344  | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 8.665  | 62   | 58867    | 20.870  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.683  | 43   | 91165    | 21.407  | ug/l   | 98       |
| 44) Trichloroethene           | 9.347  | 130  | 36227    | 19.450  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.618  | 63   | 42464    | 21.263  | ug/l   | 98       |
| 46) Dibromomethane            | 9.706  | 93   | 29302    | 21.097  | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.882  | 83   | 61274    | 21.225  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.677  | 41   | 41658    | 22.544  | ug/l   | 94       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 11914    | 427.327 | ug/l # | 95       |
| 51) 4-Methyl-2-Pentanone      | 10.441 | 43   | 266526   | 111.369 | ug/l   | 100      |
| 52) Toluene                   | 10.630 | 92   | 99289    | 21.196  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.829 | 75   | 58052    | 20.449  | ug/l   | 94       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 63903    | 20.816  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 11.012 | 97   | 38902    | 21.996  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.871 | 69   | 54005    | 20.967  | ug/l   | 96       |
| 57) 1,3-Dichloropropane       | 11.159 | 76   | 66806    | 21.522  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 10.153 | 63   | 115437   | 92.631  | ug/l   | 99       |
| 59) 2-Hexanone                | 11.194 | 43   | 186947   | 112.591 | ug/l   | 98       |
| 60) Dibromochloromethane      | 11.353 | 129  | 44508    | 22.343  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.465 | 107  | 38065    | 21.755  | ug/l   | 96       |
| 64) Tetrachloroethene         | 11.100 | 164  | 31846    | 20.507  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.888 | 112  | 107116   | 20.225  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 38600    | 21.715  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.959 | 91   | 177683   | 20.173  | ug/l   | 99       |
| 68) m/p-Xylenes               | 12.065 | 106  | 137681   | 42.714  | ug/l   | 99       |
| 69) o-Xylene                  | 12.394 | 106  | 64348    | 20.637  | ug/l   | 98       |
| 70) Styrene                   | 12.406 | 104  | 110317   | 21.829  | ug/l   | 99       |
| 71) Bromoform                 | 12.576 | 173  | 27769    | 22.555  | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.694 | 105  | 157428   | 19.849  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.494 | 43   | 72811    | 21.447  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 55241    | 21.869  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.988 | 75   | 69534    | 33.761  | ug/l   | 59       |
| 77) Bromobenzene              | 12.976 | 156  | 40020    | 20.366  | ug/l   | 97       |
| 78) n-propylbenzene           | 13.029 | 91   | 190635   | 20.620  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 120964   | 20.790  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 13.171 | 105  | 135053   | 21.052  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 17421    | 20.257  | ug/l   | 96       |
| 82) 4-Chlorotoluene           | 13.218 | 91   | 119932   | 20.466  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.435 | 119  | 108551   | 19.533  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.476 | 105  | 136951   | 21.439  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.612 | 105  | 155137   | 20.112  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.723 | 119  | 125147   | 18.945  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.729 | 146  | 71255    | 20.003  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.806 | 146  | 71731    | 19.603  | ug/l   | 98       |
| 89) n-Butylbenzene            | 14.053 | 91   | 103799   | 18.376  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.329 | 117  | 26108    | 20.648  | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene       | 14.100 | 146  | 68380    | 20.151  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.712 | 75   | 9135     | 20.319  | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 15.388 | 180  | 29773    | 17.580  | ug/l   | 96       |
| 94) Hexachlorobutadiene       | 15.494 | 225  | 14964    | 17.783  | ug/l   | 97       |
| 95) Naphthalene               | 15.635 | 128  | 89332    | 15.555  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.835 | 180  | 30358    | 17.941  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN010625\  
Data File : VN085385.D  
Acq On : 06 Jan 2025 13:19  
Operator : JC\MD  
Sample : VN0106WBSD01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

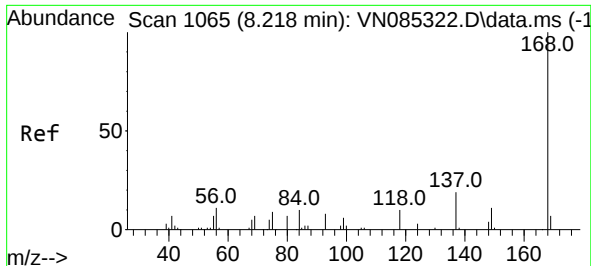
Quant Time: Jan 07 00:22:08 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N122724W.M  
Quant Title : SW846 8260  
QLast Update : Sat Dec 28 01:36:16 2024  
Response via : Initial Calibration

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

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

Quant Time: Jan 07 00:22:08 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N122724W.M  
Quant Title : SW846 8260  
QLast Update : Sat Dec 28 01:36:16 2024  
Response via : Initial Calibration

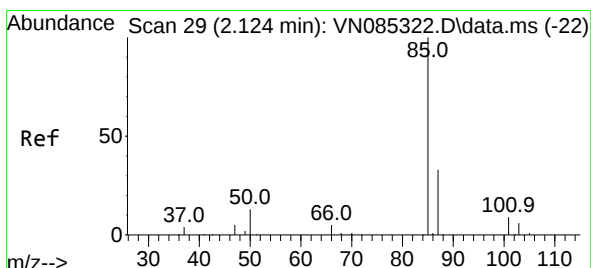
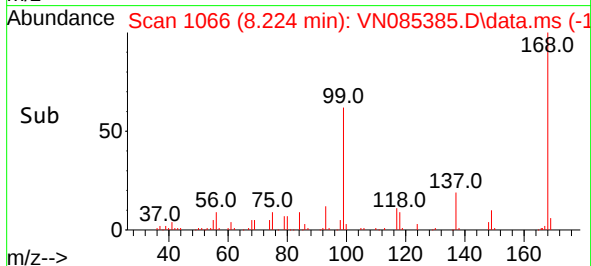
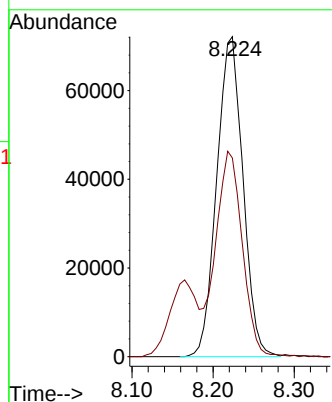
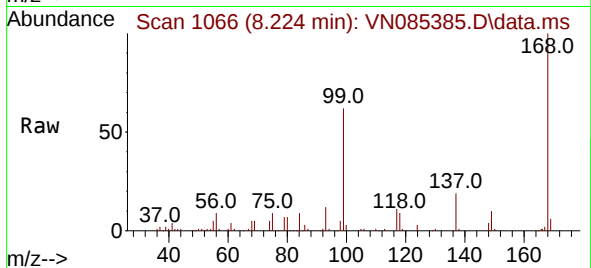




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. 0.006 min  
Lab File: VN085385.D  
Acq: 06 Jan 2025 13:19

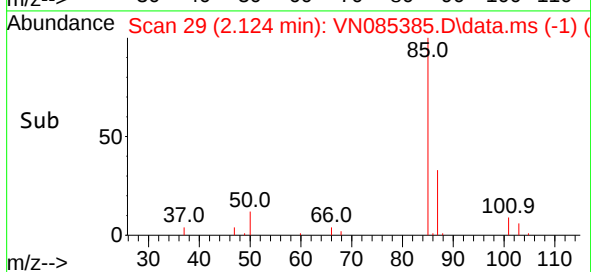
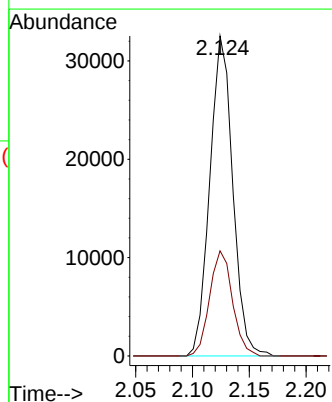
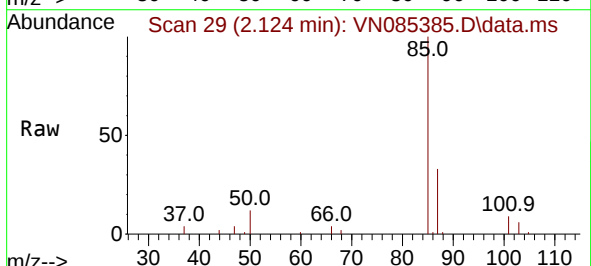
Instrument :  
MSVOA\_N  
ClientSampleId :

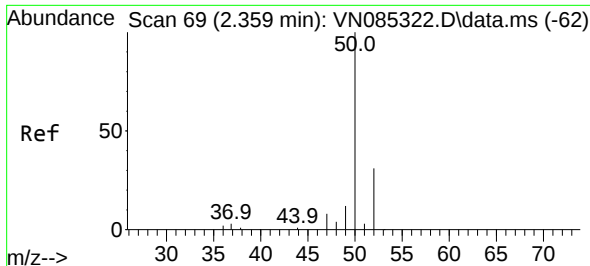
Tgt Ion:168 Resp: 161812  
Ion Ratio Lower Upper  
168 100  
99 61.5 51.0 76.4



#2  
Dichlorodifluoromethane  
Concen: 20.884 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. 0.000 min  
Lab File: VN085385.D  
Acq: 06 Jan 2025 13:19

Tgt Ion: 85 Resp: 45703  
Ion Ratio Lower Upper  
85 100  
87 32.9 16.8 50.3

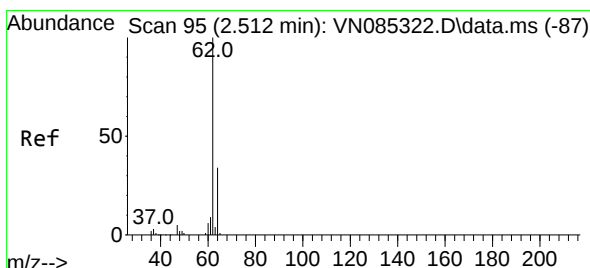
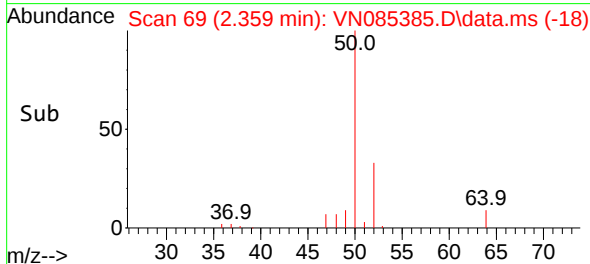
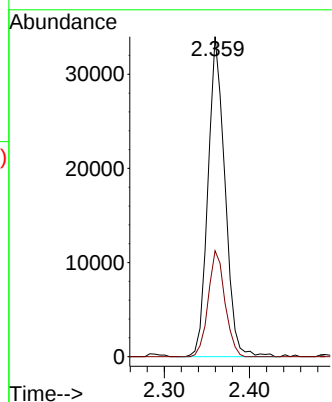
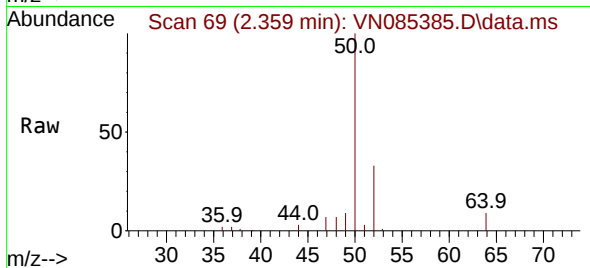




#3  
Chloromethane  
Concen: 19.073 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. 0.000 min  
Lab File: VN085385.D  
Acq: 06 Jan 2025 13:19

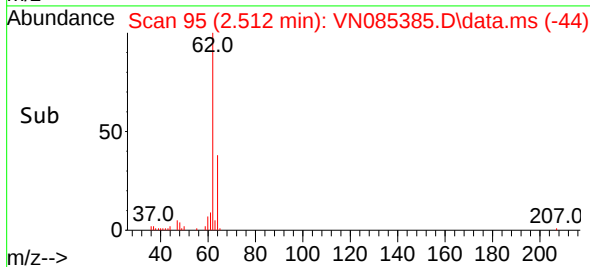
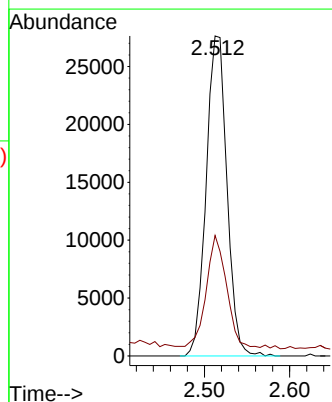
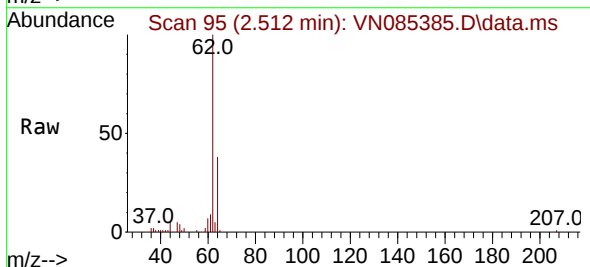
Instrument :  
MSVOA\_N  
ClientSampleId :

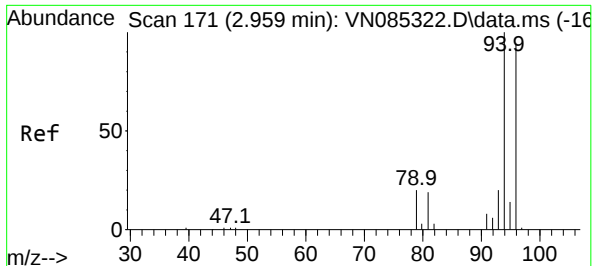
Tgt Ion: 50 Resp: 46912  
Ion Ratio Lower Upper  
50 100  
52 33.1 25.1 37.7



#4  
Vinyl Chloride  
Concen: 17.990 ug/l  
RT: 2.512 min Scan# 95  
Delta R.T. 0.000 min  
Lab File: VN085385.D  
Acq: 06 Jan 2025 13:19

Tgt Ion: 62 Resp: 46796  
Ion Ratio Lower Upper  
62 100  
64 35.4 27.0 40.6

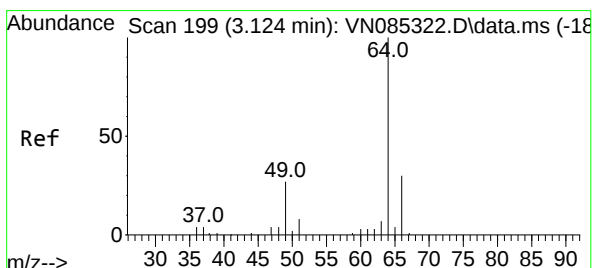
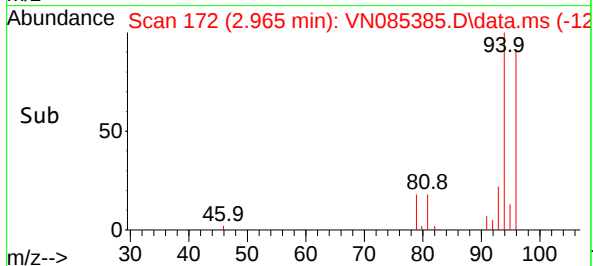
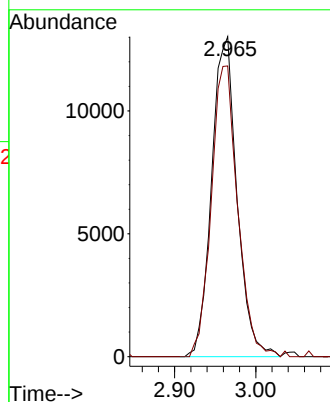
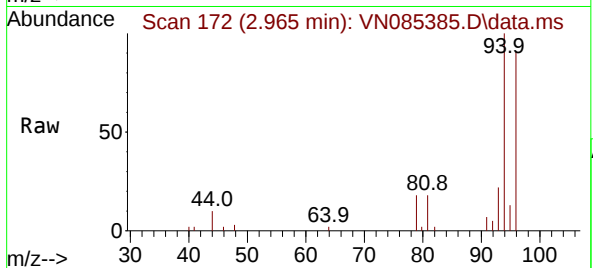




#5  
Bromomethane  
Concen: 16.624 ug/l  
RT: 2.965 min Scan# 171  
Delta R.T. 0.006 min  
Lab File: VN085385.D  
Acq: 06 Jan 2025 13:19

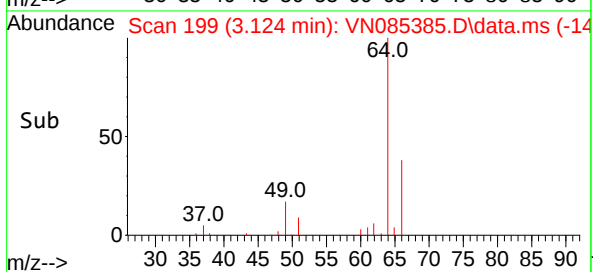
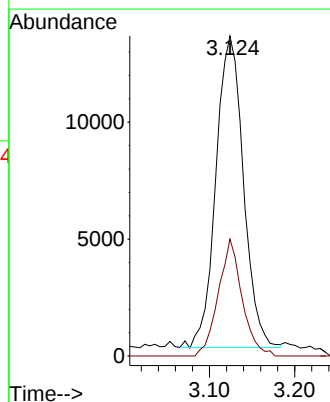
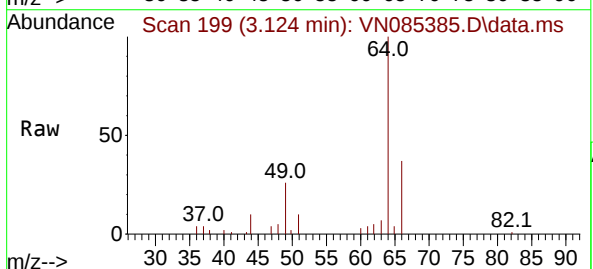
Instrument :  
MSVOA\_N  
ClientSampleId :

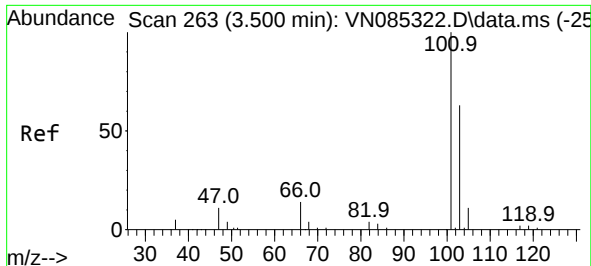
Tgt Ion: 94 Resp: 28281  
Ion Ratio Lower Upper  
94 100  
96 90.9 75.2 112.8



#6  
Chloroethane  
Concen: 18.154 ug/l  
RT: 3.124 min Scan# 199  
Delta R.T. 0.000 min  
Lab File: VN085385.D  
Acq: 06 Jan 2025 13:19

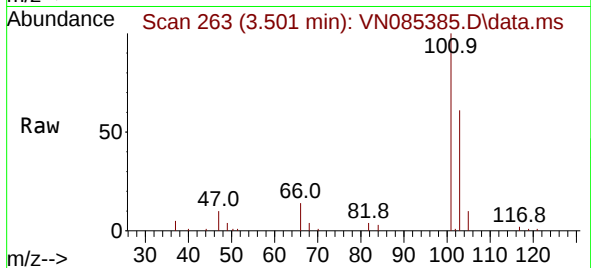
Tgt Ion: 64 Resp: 29948  
Ion Ratio Lower Upper  
64 100  
66 37.5 24.1 36.1#



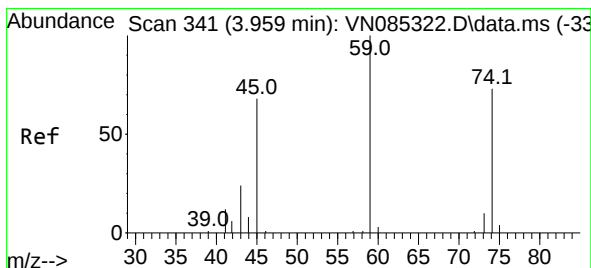
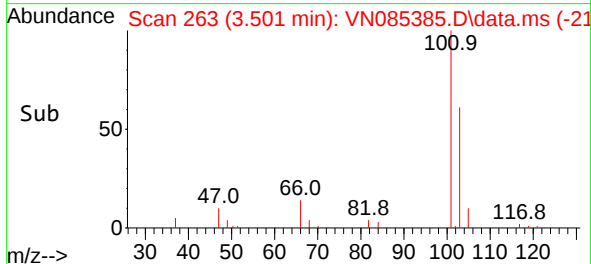
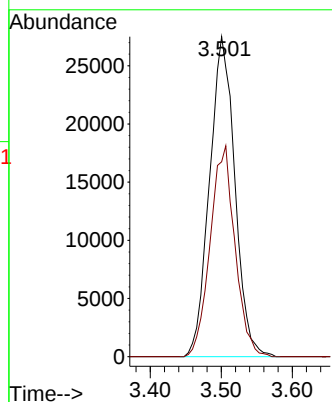


#7  
 Trichlorofluoromethane  
 Concen: 19.902 ug/l  
 RT: 3.501 min Scan# 210  
 Delta R.T. 0.000 min  
 Lab File: VN085385.D  
 Acq: 06 Jan 2025 13:19

Instrument :  
 MSVOA\_N  
 ClientSampleId :

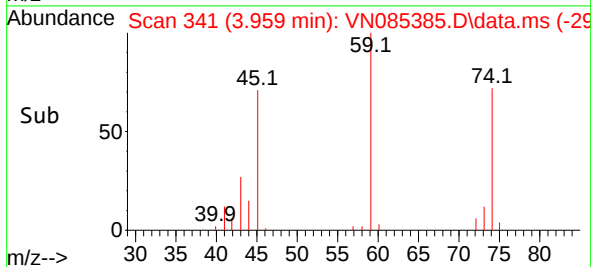
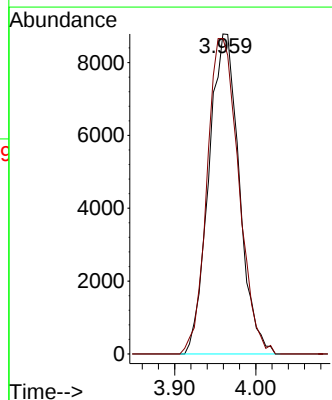
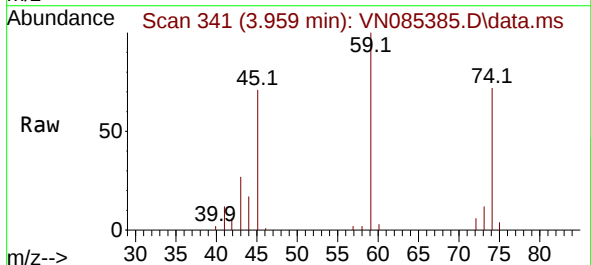


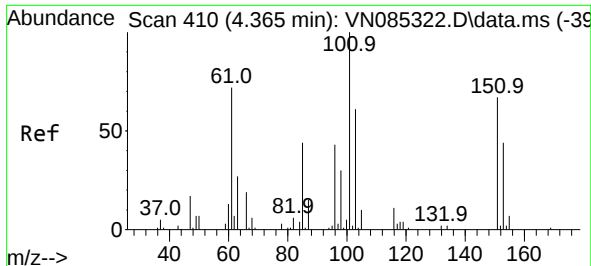
Tgt Ion:101 Resp: 68053  
 Ion Ratio Lower Upper  
 101 100  
 103 60.9 50.3 75.5



#8  
 Diethyl Ether  
 Concen: 20.216 ug/l  
 RT: 3.959 min Scan# 341  
 Delta R.T. 0.000 min  
 Lab File: VN085385.D  
 Acq: 06 Jan 2025 13:19

Tgt Ion: 74 Resp: 22888  
 Ion Ratio Lower Upper  
 74 100  
 45 102.4 47.5 142.6

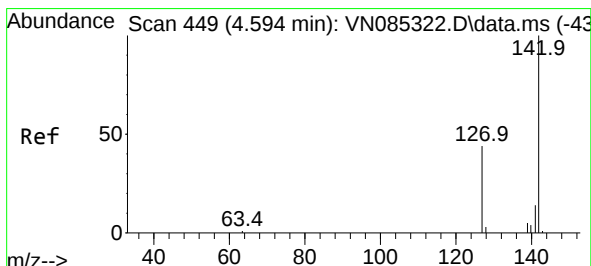
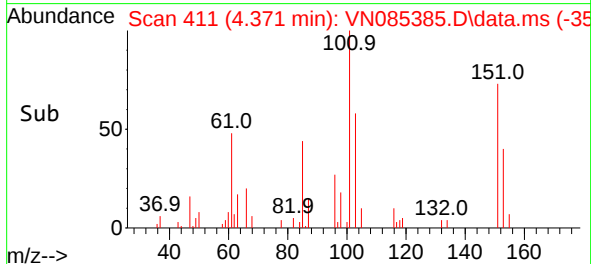
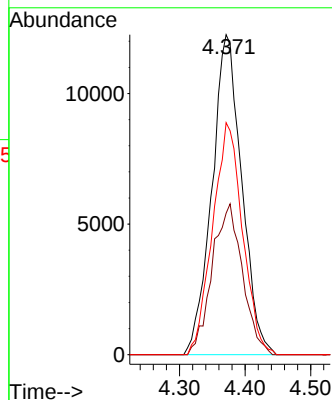
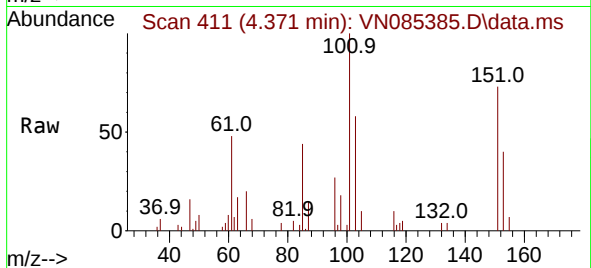




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.875 ug/l  
RT: 4.371 min Scan# 411  
Delta R.T. 0.006 min  
Lab File: VN085385.D  
Acq: 06 Jan 2025 13:19

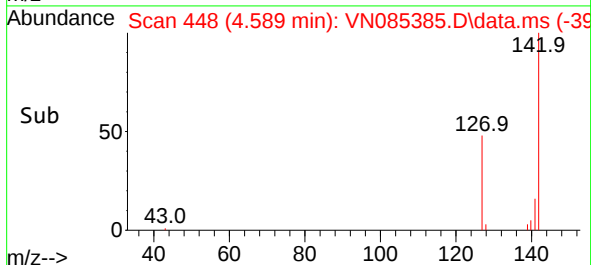
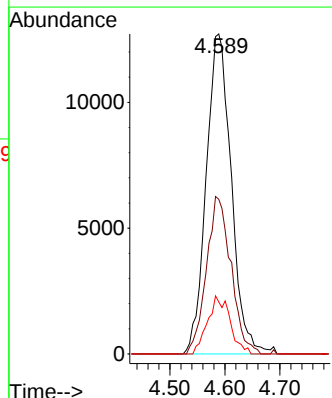
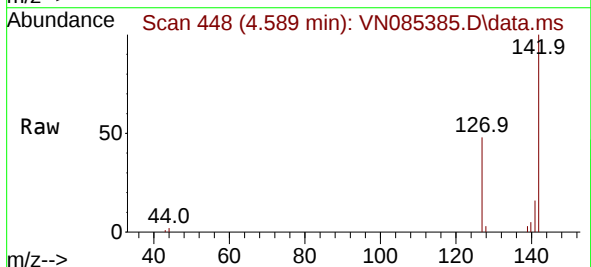
Instrument :  
MSVOA\_N  
ClientSampleId :

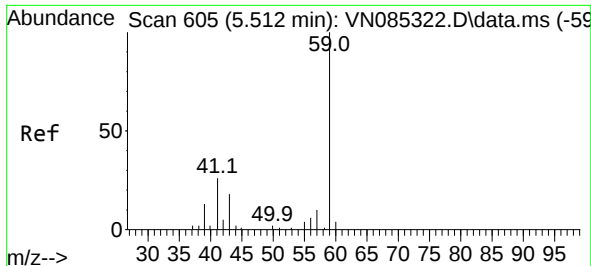
Tgt Ion:101 Resp: 38670  
Ion Ratio Lower Upper  
101 100  
85 47.9 36.2 54.4  
151 72.6 55.8 83.6



#10  
Methyl Iodide  
Concen: 17.920 ug/l  
RT: 4.589 min Scan# 448  
Delta R.T. -0.006 min  
Lab File: VN085385.D  
Acq: 06 Jan 2025 13:19

Tgt Ion:142 Resp: 40349  
Ion Ratio Lower Upper  
142 100  
127 48.4 35.3 52.9  
141 16.3 11.5 17.3

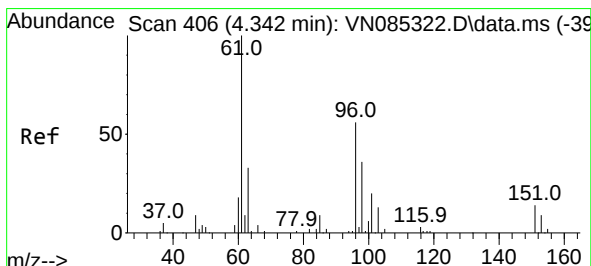
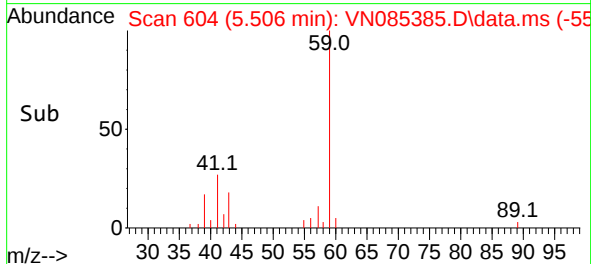
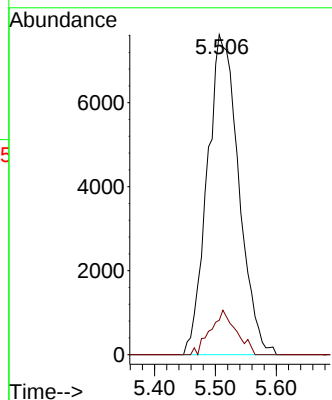
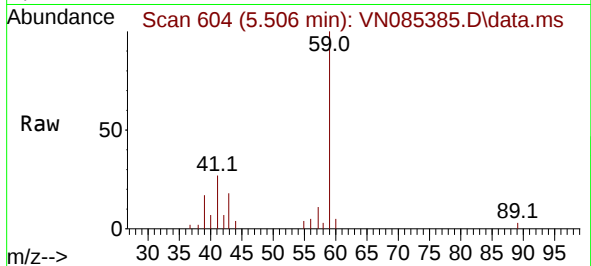




#11  
Tert butyl alcohol  
Concen: 94.762 ug/l  
RT: 5.506 min Scan# 605  
Delta R.T. -0.006 min  
Lab File: VN085385.D  
Acq: 06 Jan 2025 13:19

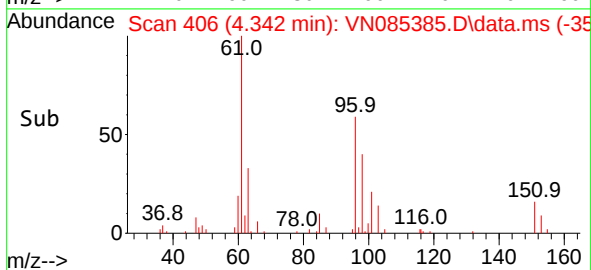
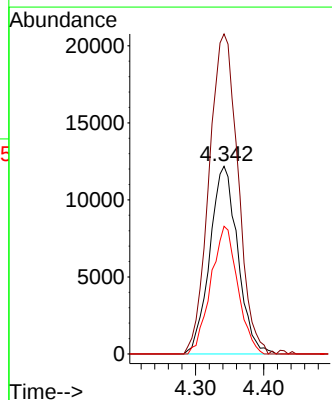
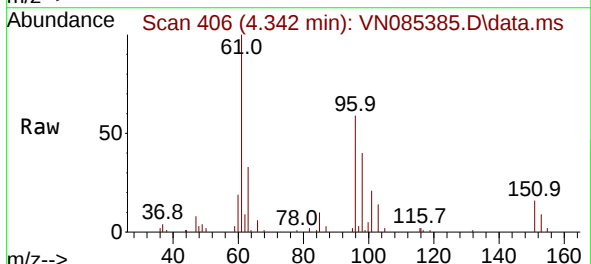
Instrument :  
MSVOA\_N  
ClientSampleId :

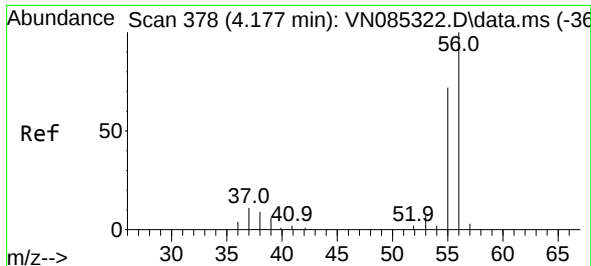
Tgt Ion: 59 Resp: 27386  
Ion Ratio Lower Upper  
59 100  
57 11.3 8.1 12.1



#12  
1,1-Dichloroethene  
Concen: 19.290 ug/l  
RT: 4.342 min Scan# 406  
Delta R.T. 0.000 min  
Lab File: VN085385.D  
Acq: 06 Jan 2025 13:19

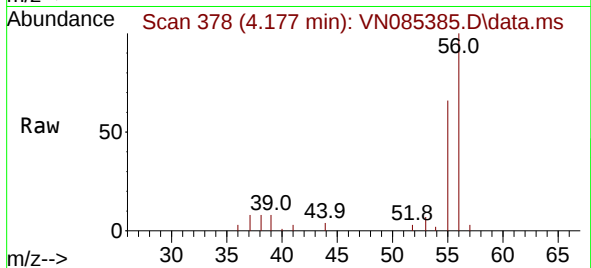
Tgt Ion: 96 Resp: 34687  
Ion Ratio Lower Upper  
96 100  
61 170.4 142.4 213.6  
98 68.0 51.5 77.3



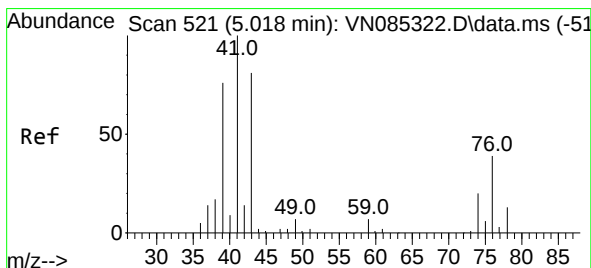
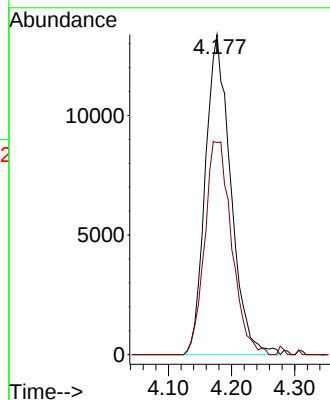
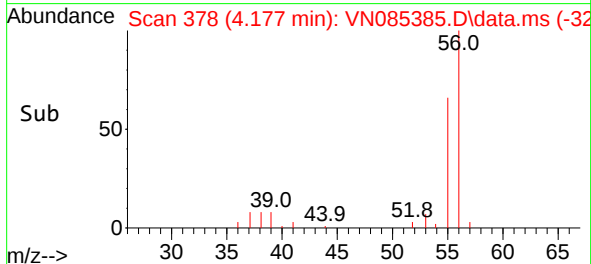


#13  
Acrolein  
Concen: 82.874 ug/l  
RT: 4.177 min Scan# 378  
Delta R.T. 0.000 min  
Lab File: VN085385.D  
Acq: 06 Jan 2025 13:19

Instrument :  
MSVOA\_N  
ClientSampleId :

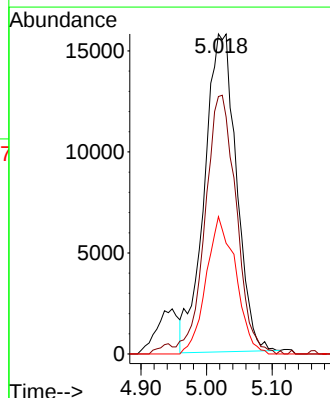
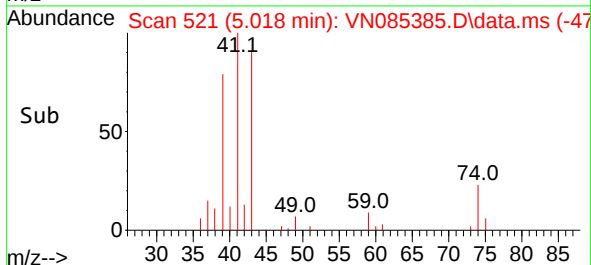
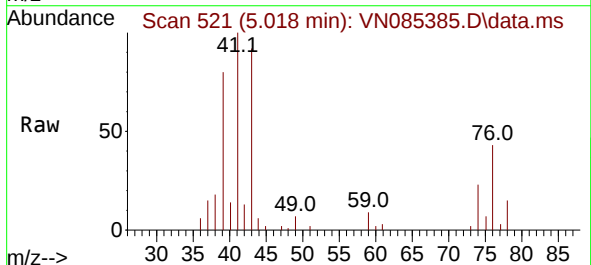


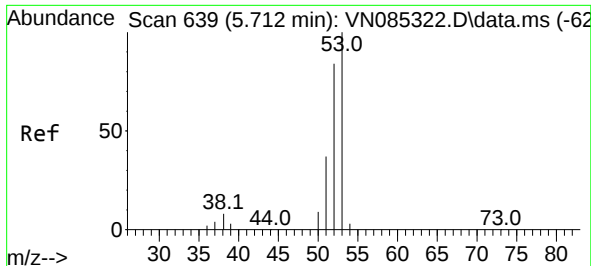
Tgt Ion: 56 Resp: 37340  
Ion Ratio Lower Upper  
56 100  
55 70.9 57.5 86.3



#14  
Allyl chloride  
Concen: 18.559 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. 0.000 min  
Lab File: VN085385.D  
Acq: 06 Jan 2025 13:19

Tgt Ion: 41 Resp: 53409  
Ion Ratio Lower Upper  
41 100  
39 78.8 64.4 96.6  
76 39.9 31.5 47.3

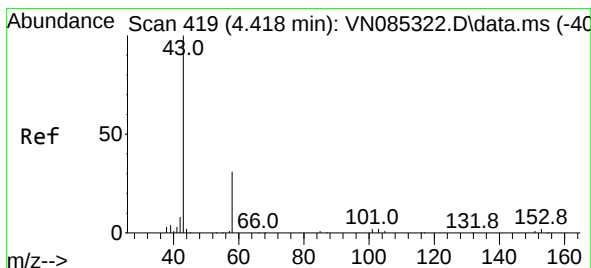
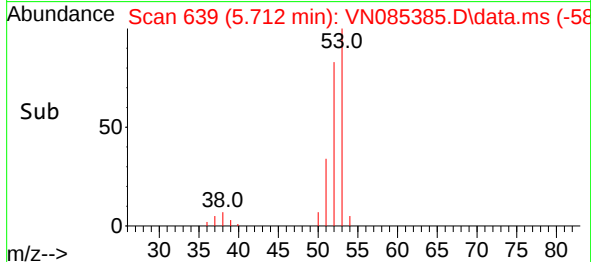
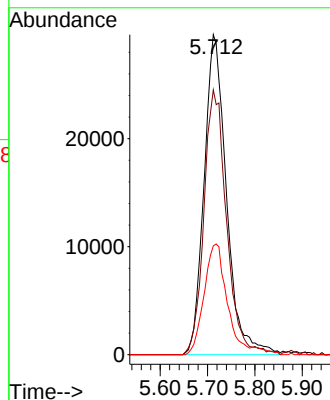
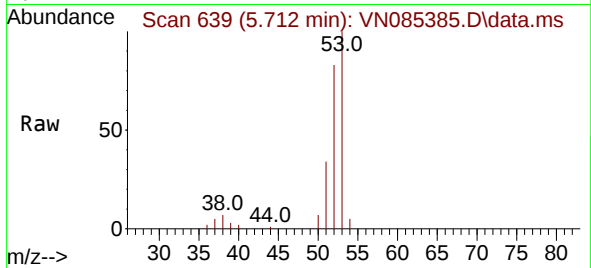




#15  
Acrylonitrile  
Concen: 107.090 ug/l  
RT: 5.712 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN085385.D  
Acq: 06 Jan 2025 13:19

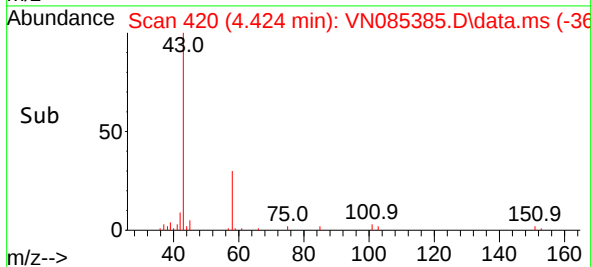
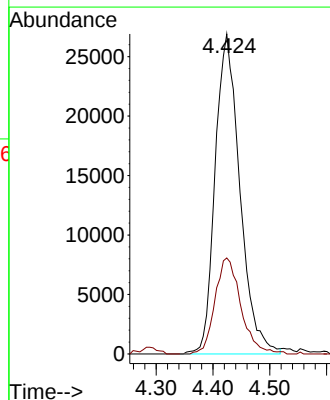
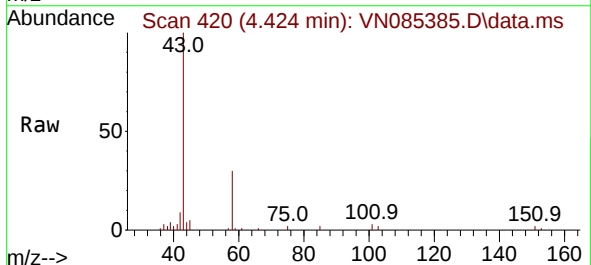
Instrument :  
MSVOA\_N  
ClientSampleId :

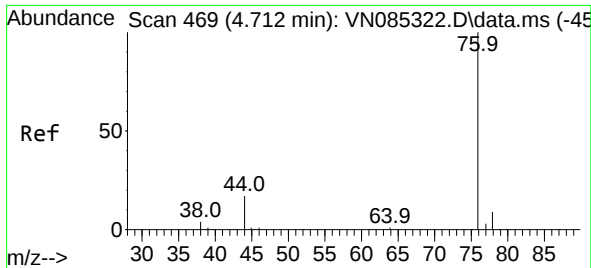
Tgt Ion: 53 Resp: 97407  
Ion Ratio Lower Upper  
53 100  
52 83.6 66.6 100.0  
51 35.0 29.6 44.4



#16  
Acetone  
Concen: 107.173 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. 0.006 min  
Lab File: VN085385.D  
Acq: 06 Jan 2025 13:19

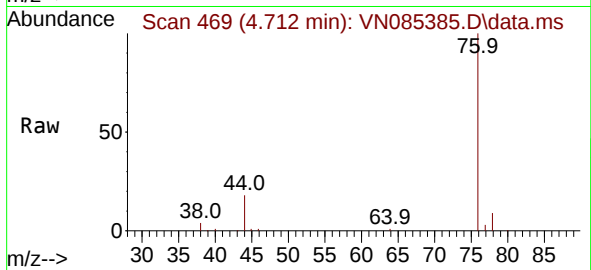
Tgt Ion: 43 Resp: 81334  
Ion Ratio Lower Upper  
43 100  
58 30.0 24.5 36.7



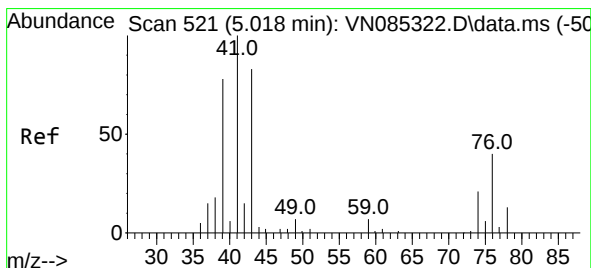
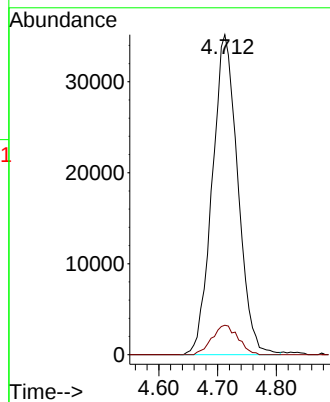
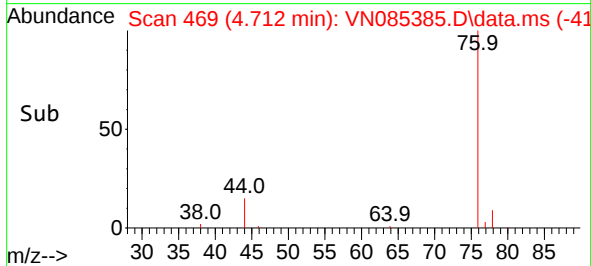


#17  
Carbon Disulfide  
Concen: 19.406 ug/l  
RT: 4.712 min Scan# 469  
Delta R.T. 0.000 min  
Lab File: VN085385.D  
Acq: 06 Jan 2025 13:19

Instrument :  
MSVOA\_N  
ClientSampleId :

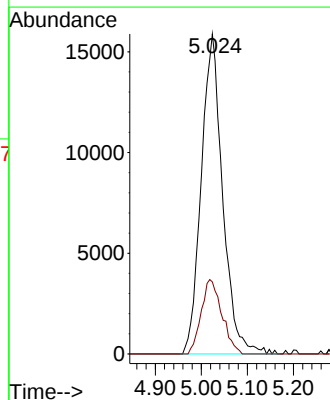
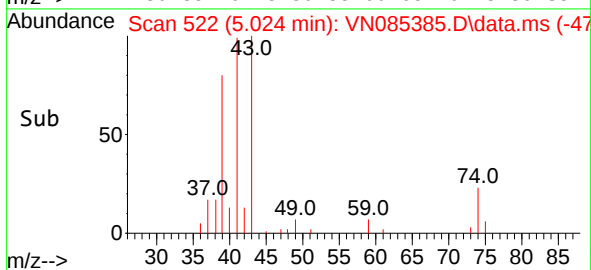
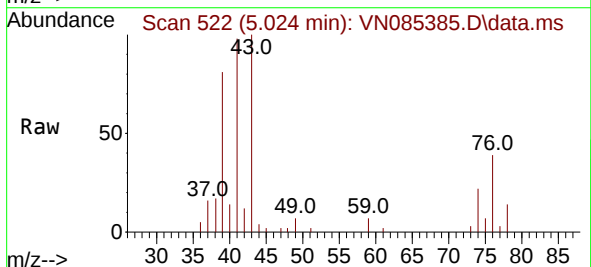


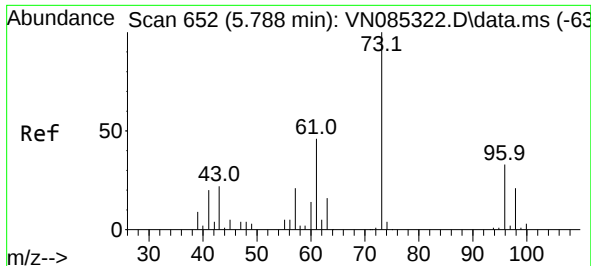
Tgt Ion: 76 Resp: 106155  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.2 10.8



#18  
Methyl Acetate  
Concen: 22.113 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. 0.006 min  
Lab File: VN085385.D  
Acq: 06 Jan 2025 13:19

Tgt Ion: 43 Resp: 51378  
Ion Ratio Lower Upper  
43 100  
74 22.4 19.0 28.6

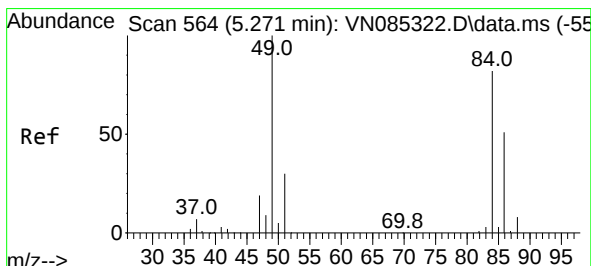
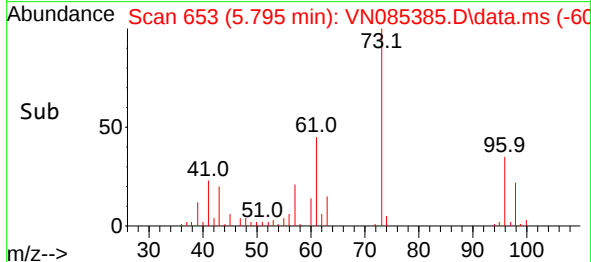
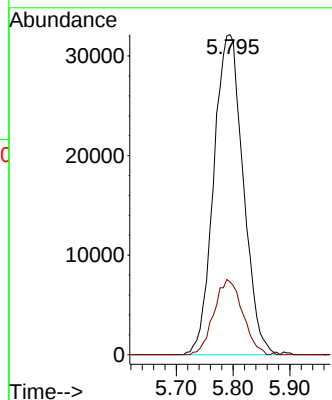
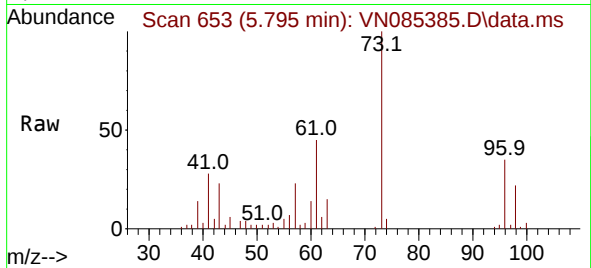




#19  
Methyl tert-butyl Ether  
Concen: 19.820 ug/l  
RT: 5.795 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN085385.D  
Acq: 06 Jan 2025 13:19

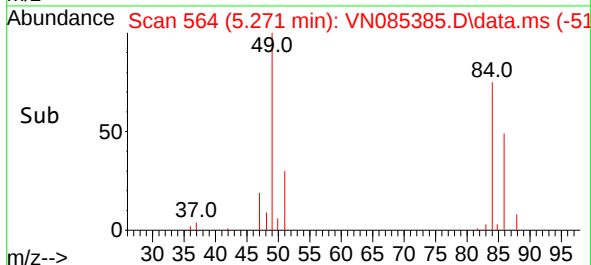
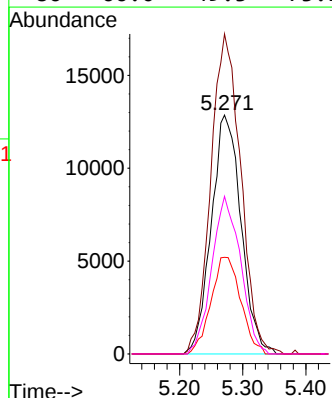
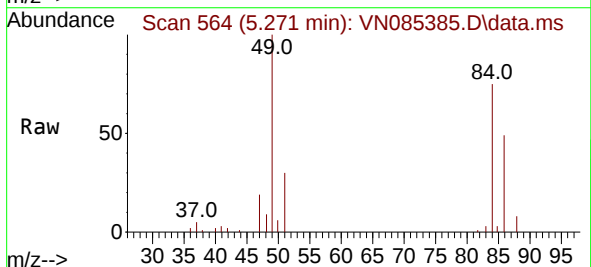
Instrument :  
MSVOA\_N  
ClientSampleId :

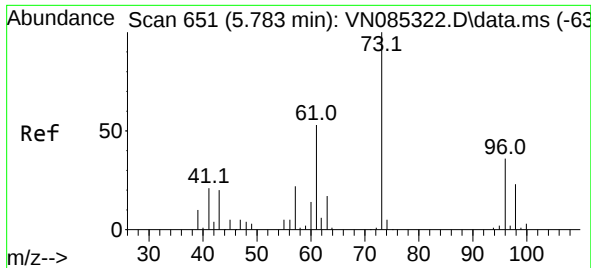
Tgt Ion: 73 Resp: 115842  
Ion Ratio Lower Upper  
73 100  
57 22.8 17.0 25.6



#20  
Methylene Chloride  
Concen: 20.589 ug/l  
RT: 5.271 min Scan# 564  
Delta R.T. 0.000 min  
Lab File: VN085385.D  
Acq: 06 Jan 2025 13:19

Tgt Ion: 84 Resp: 42028  
Ion Ratio Lower Upper  
84 100  
49 133.9 97.6 146.4  
51 40.4 29.1 43.7  
86 66.0 49.3 73.9

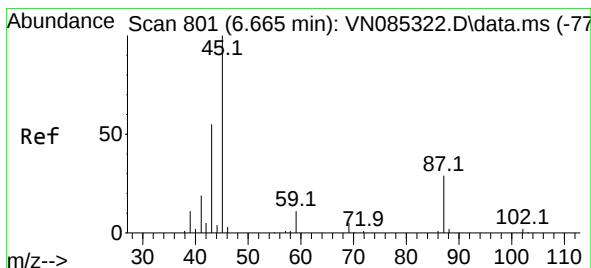
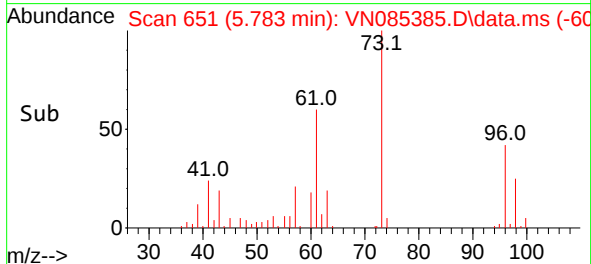
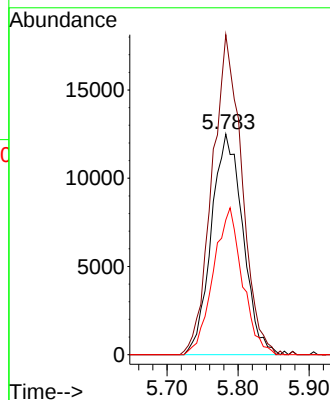
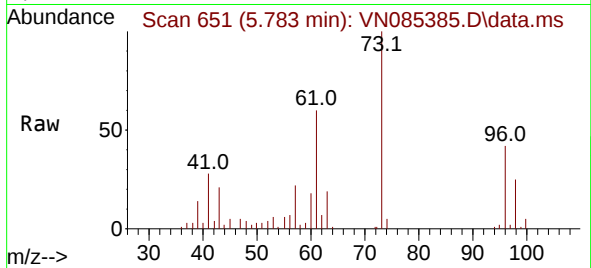




#21  
trans-1,2-Dichloroethene  
Concen: 20.538 ug/l  
RT: 5.783 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN085385.D  
Acq: 06 Jan 2025 13:19

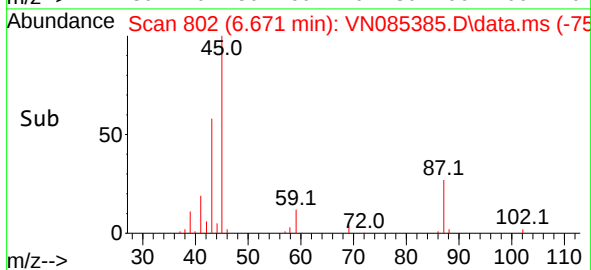
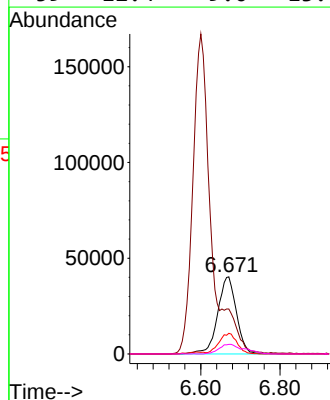
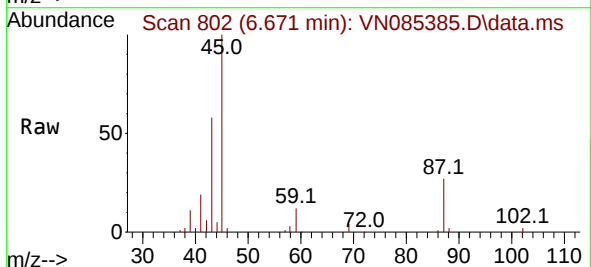
Instrument :  
MSVOA\_N  
ClientSampleId :

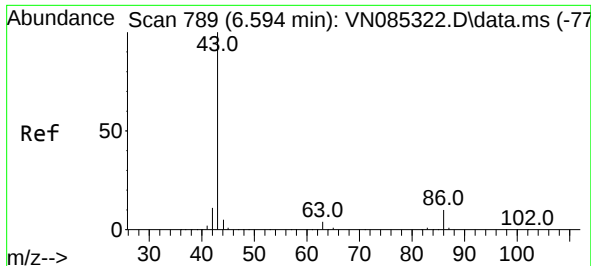
Tgt Ion: 96 Resp: 38578  
Ion Ratio Lower Upper  
96 100  
61 145.0 118.0 177.0  
98 61.1 50.6 75.8



#22  
Diisopropyl ether  
Concen: 21.308 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. 0.006 min  
Lab File: VN085385.D  
Acq: 06 Jan 2025 13:19

Tgt Ion: 45 Resp: 132142  
Ion Ratio Lower Upper  
45 100  
43 57.2 44.1 66.1  
87 26.8 23.2 34.8  
59 12.4 9.0 13.6

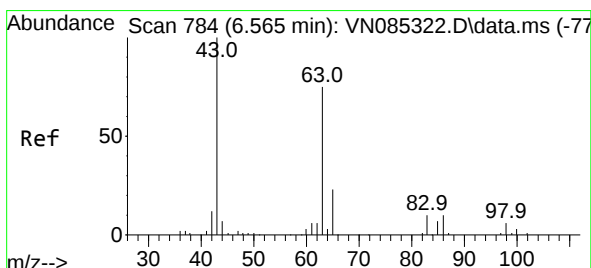
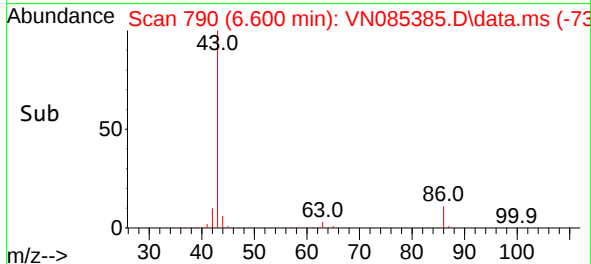
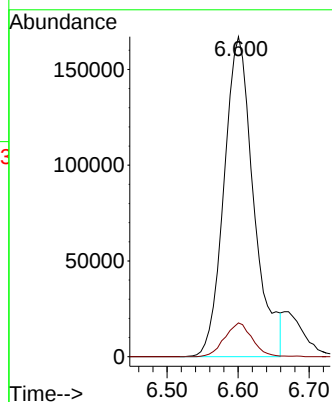
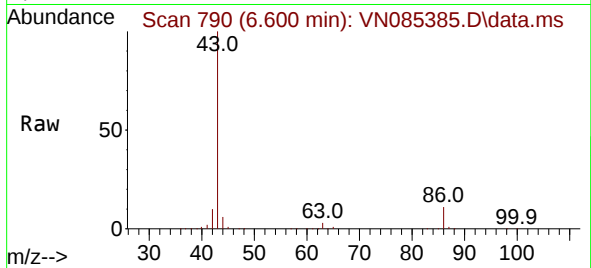




#23  
 Vinyl Acetate  
 Concen: 107.962 ug/l  
 RT: 6.600 min Scan# 790  
 Delta R.T. 0.006 min  
 Lab File: VN085385.D  
 Acq: 06 Jan 2025 13:19

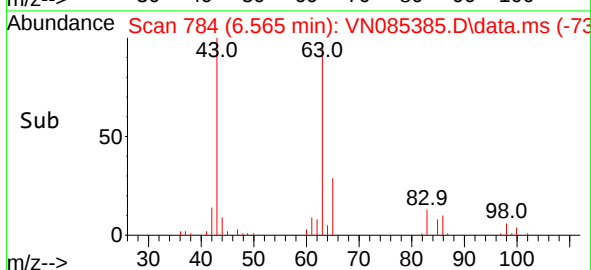
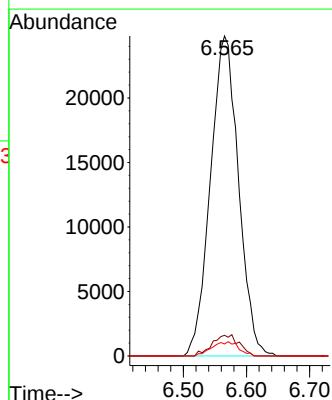
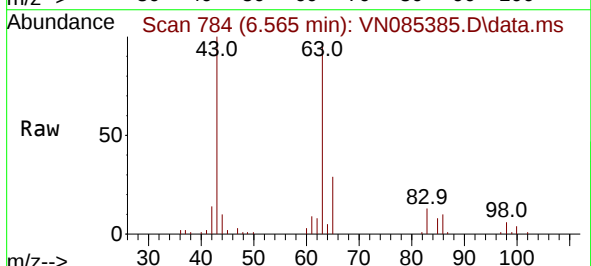
Instrument :  
 MSVOA\_N  
 ClientSampleId :

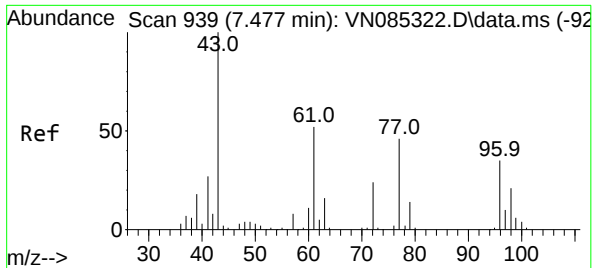
Tgt Ion: 43 Resp: 484354  
 Ion Ratio Lower Upper  
 43 100  
 86 10.6 8.0 12.0



#24  
 1,1-Dichloroethane  
 Concen: 20.509 ug/l  
 RT: 6.565 min Scan# 784  
 Delta R.T. 0.000 min  
 Lab File: VN085385.D  
 Acq: 06 Jan 2025 13:19

Tgt Ion: 63 Resp: 76616  
 Ion Ratio Lower Upper  
 63 100  
 98 6.5 3.7 11.1  
 100 3.7 2.3 6.8

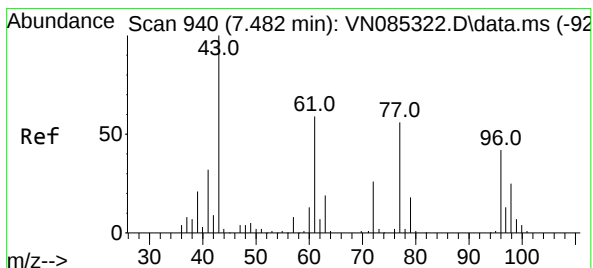
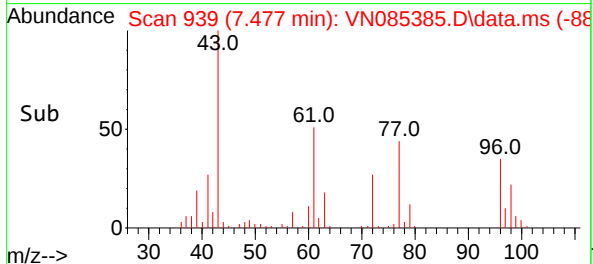
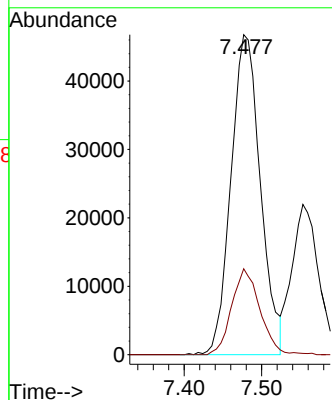
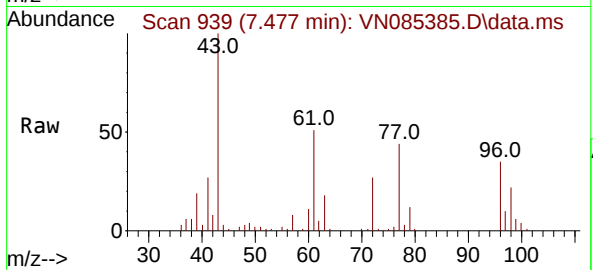




#25  
2-Butanone  
Concen: 105.091 ug/l  
RT: 7.477 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VN085385.D  
Acq: 06 Jan 2025 13:19

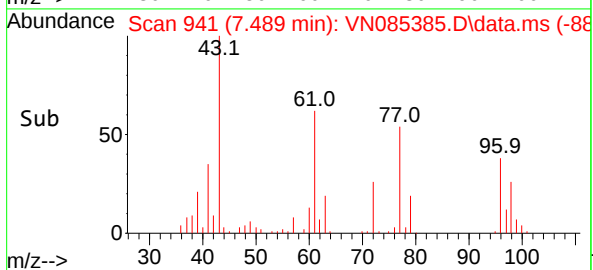
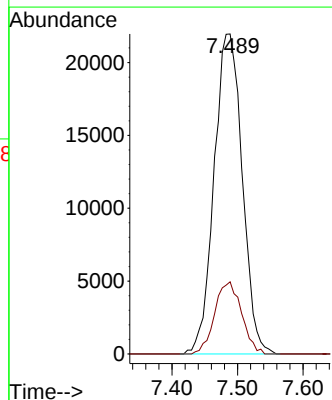
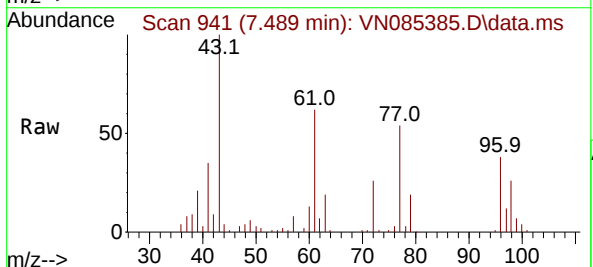
Instrument :  
MSVOA\_N  
ClientSampleId :

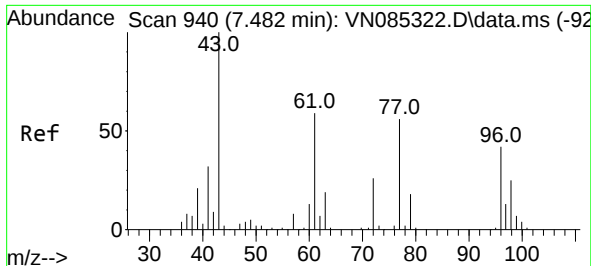
Tgt Ion: 43 Resp: 123729  
Ion Ratio Lower Upper  
43 100  
72 27.0 19.6 29.4



#26  
2,2-Dichloropropane  
Concen: 19.981 ug/l  
RT: 7.489 min Scan# 941  
Delta R.T. 0.006 min  
Lab File: VN085385.D  
Acq: 06 Jan 2025 13:19

Tgt Ion: 77 Resp: 65396  
Ion Ratio Lower Upper  
77 100  
97 21.5 10.6 31.8

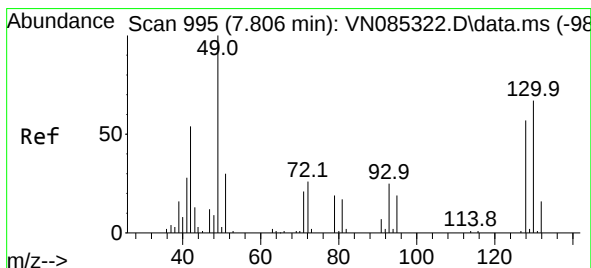
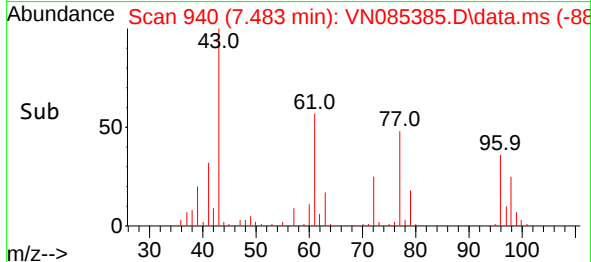
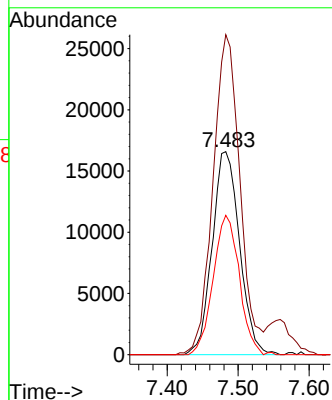
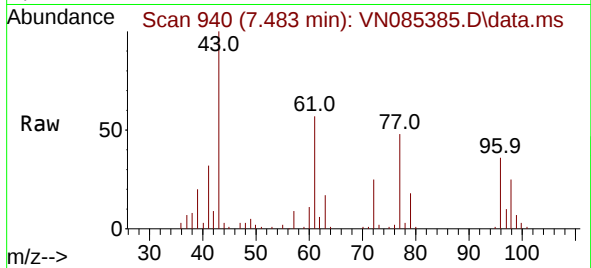




#27  
 cis-1,2-Dichloroethene  
 Concen: 20.121 ug/l  
 RT: 7.483 min Scan# 940  
 Delta R.T. 0.000 min  
 Lab File: VN085385.D  
 Acq: 06 Jan 2025 13:19

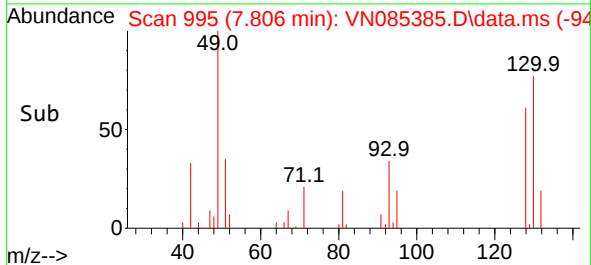
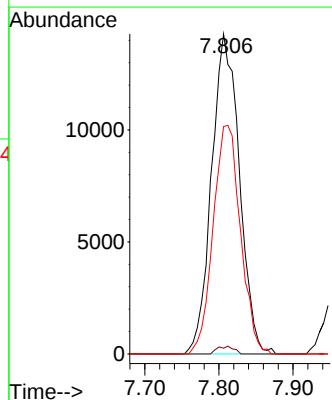
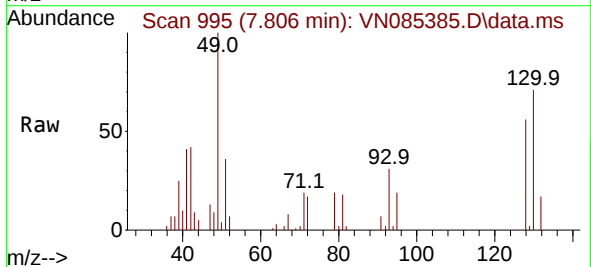
Instrument :  
 MSVOA\_N  
 ClientSampleId :

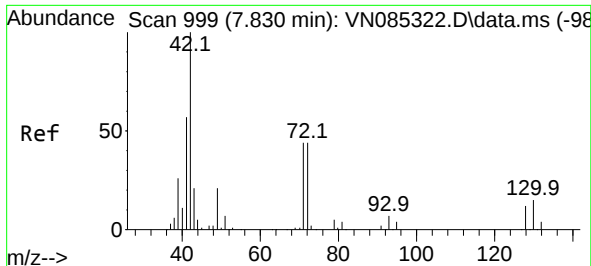
Tgt Ion: 96 Resp: 44359  
 Ion Ratio Lower Upper  
 96 100  
 61 155.4 0.0 296.4  
 98 65.7 0.0 124.2



#28  
 Bromochloromethane  
 Concen: 21.401 ug/l  
 RT: 7.806 min Scan# 995  
 Delta R.T. 0.000 min  
 Lab File: VN085385.D  
 Acq: 06 Jan 2025 13:19

Tgt Ion: 49 Resp: 37153  
 Ion Ratio Lower Upper  
 49 100  
 129 1.4 0.0 2.0  
 130 70.3 0.0 0.0#





#29

Tetrahydrofuran

Concen: 111.016 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN085385.D

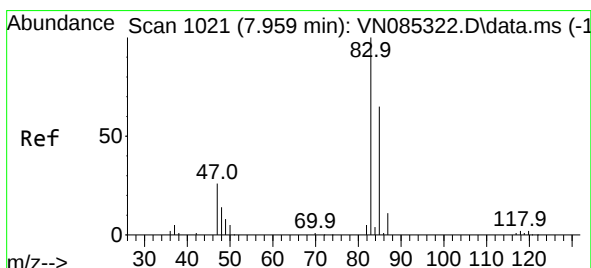
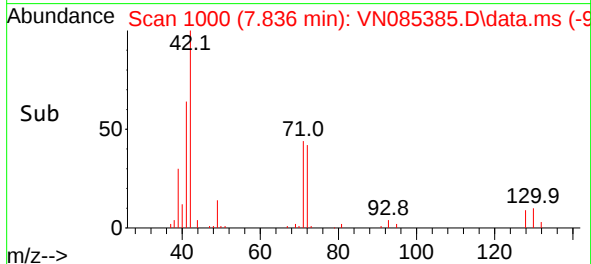
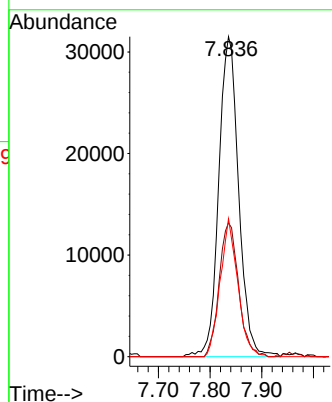
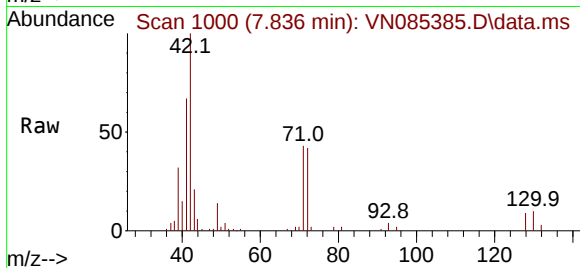
Acq: 06 Jan 2025 13:19

Instrument :

MSVOA\_N

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 84194 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 40.7  | 35.1  | 52.7  |
| 71       | 38.1  | 33.4  | 50.0  |



#30

Chloroform

Concen: 20.082 ug/l

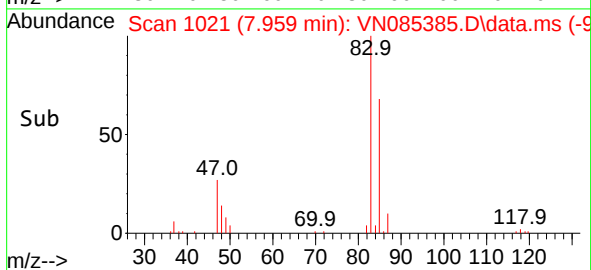
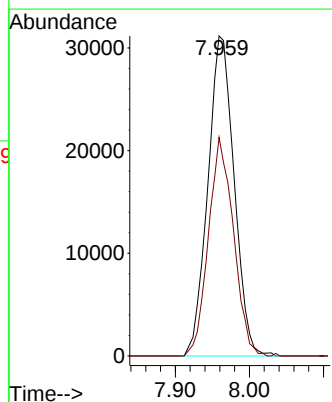
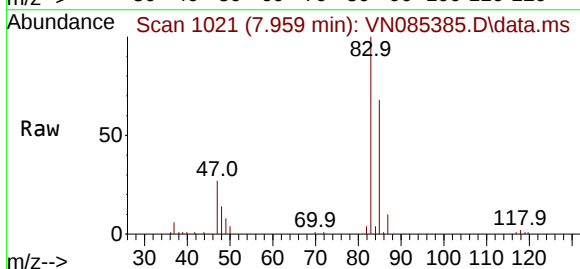
RT: 7.959 min Scan# 1021

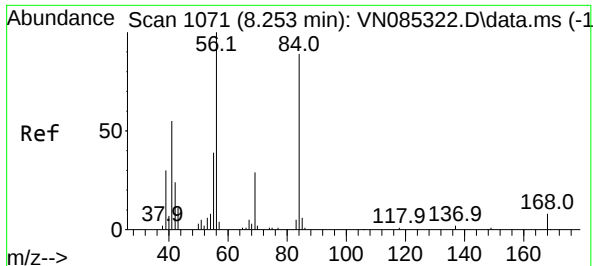
Delta R.T. 0.000 min

Lab File: VN085385.D

Acq: 06 Jan 2025 13:19

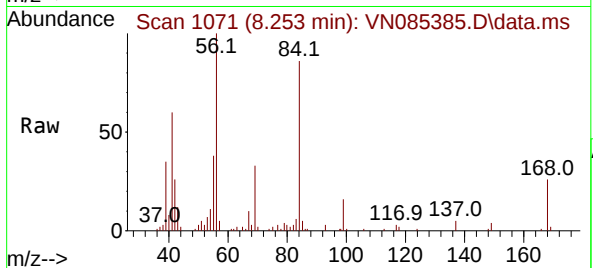
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 76748 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 68.3  | 52.0  | 78.0  |



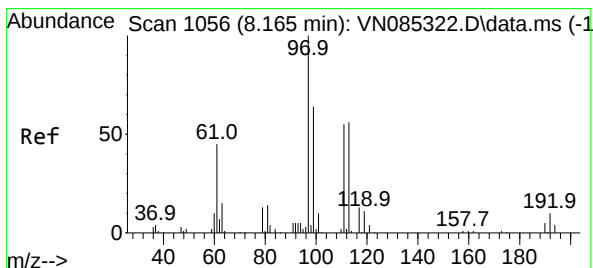
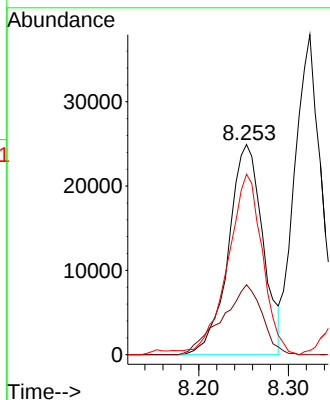
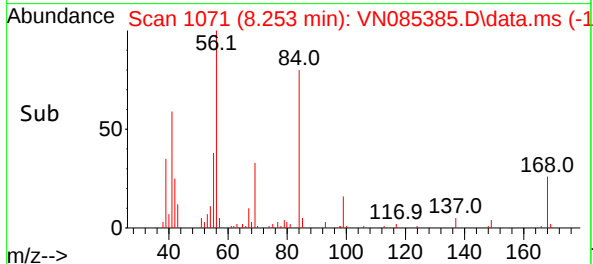


#31  
Cyclohexane  
Concen: 19.430 ug/l  
RT: 8.253 min Scan# 1071  
Delta R.T. 0.000 min  
Lab File: VN085385.D  
Acq: 06 Jan 2025 13:19

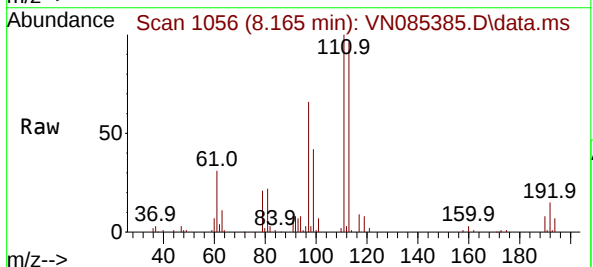
Instrument :  
MSVOA\_N  
ClientSampleId :



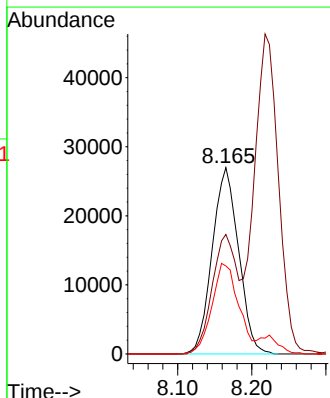
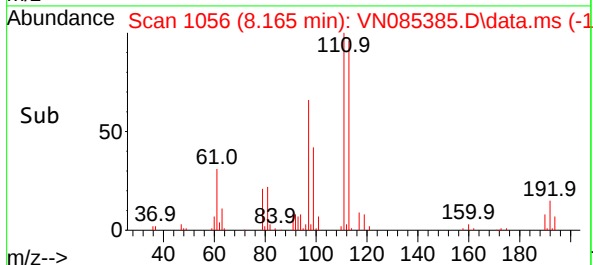
Tgt Ion: 56 Resp: 66279  
Ion Ratio Lower Upper  
56 100  
69 33.3 23.4 35.0  
84 84.0 71.0 106.6

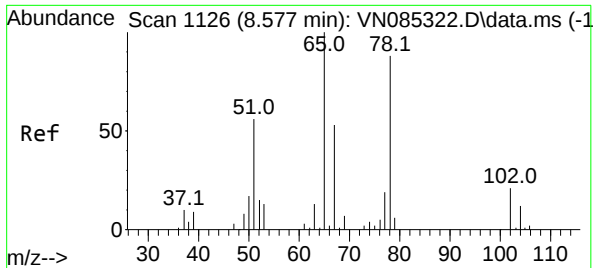


#32  
1,1,1-Trichloroethane  
Concen: 19.523 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. 0.000 min  
Lab File: VN085385.D  
Acq: 06 Jan 2025 13:19



Tgt Ion: 97 Resp: 66635  
Ion Ratio Lower Upper  
97 100  
99 58.7 53.3 79.9  
61 50.0 39.6 59.4





#33

1,2-Dichloroethane-d4

Concen: 55.898 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN085385.D

Acq: 06 Jan 2025 13:19

Instrument :

MSVOA\_N

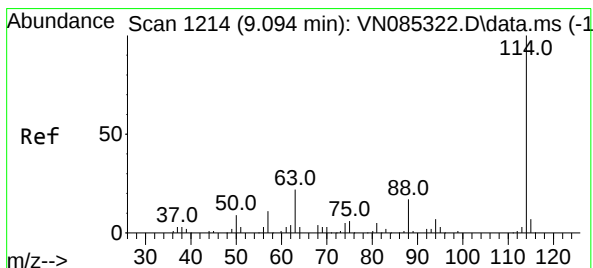
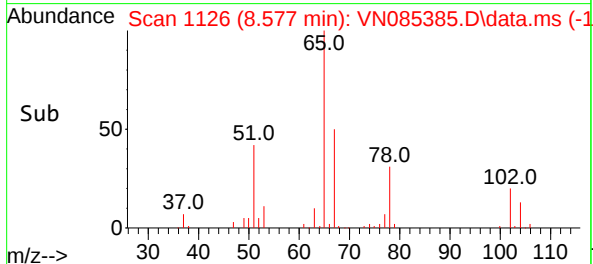
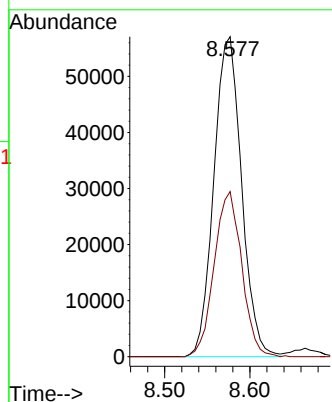
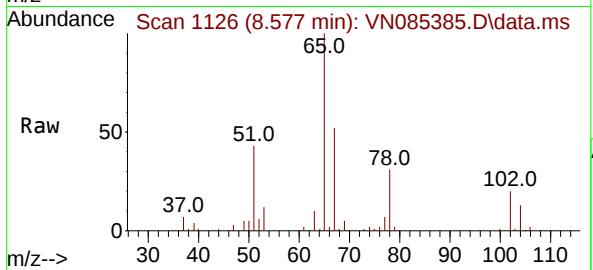
ClientSampleId :

Tgt Ion: 65 Resp: 129007

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085385.D

Acq: 06 Jan 2025 13:19

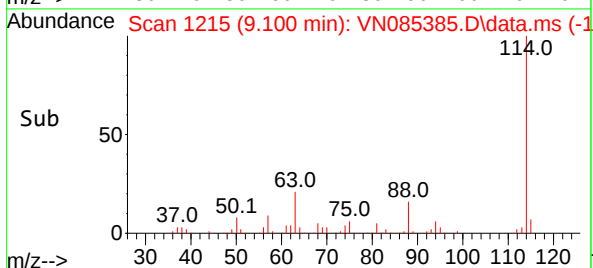
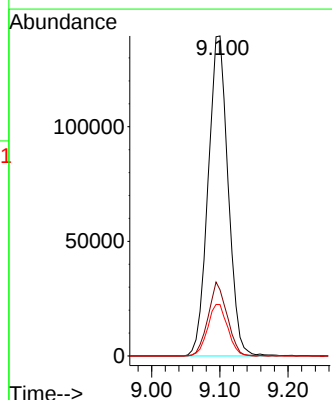
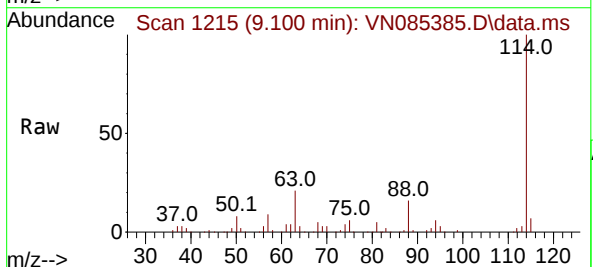
Tgt Ion: 114 Resp: 284869

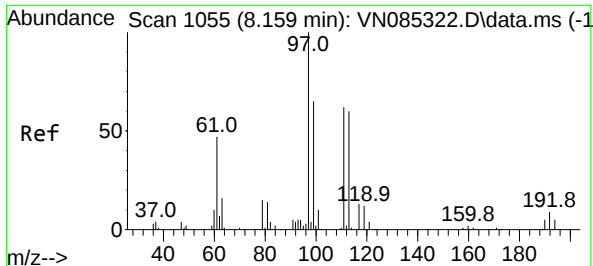
Ion Ratio Lower Upper

114 100

63 20.6 0.0 43.4

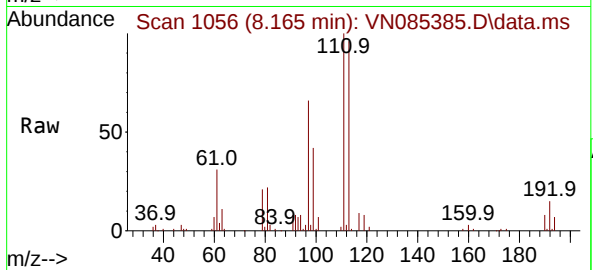
88 16.1 0.0 33.6



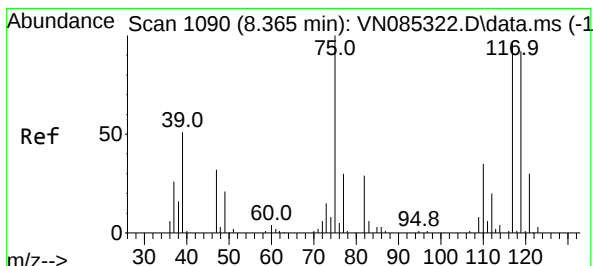
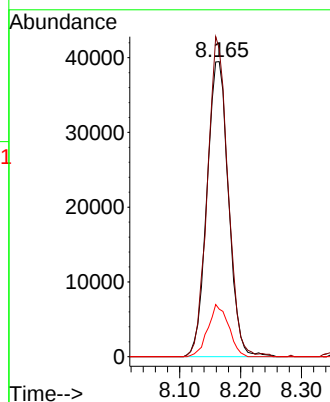
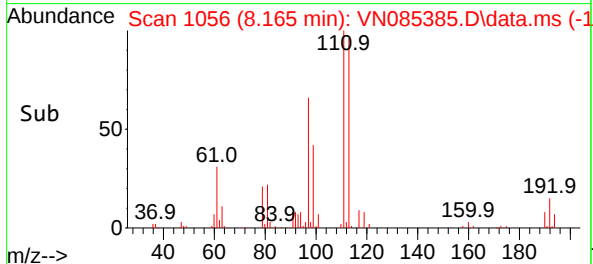


#35  
Dibromofluoromethane  
Concen: 54.731 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. 0.006 min  
Lab File: VN085385.D  
Acq: 06 Jan 2025 13:19

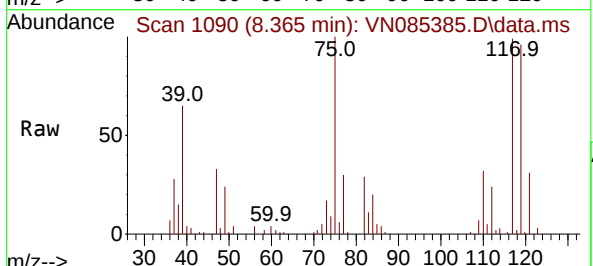
Instrument :  
MSVOA\_N  
ClientSampleId :



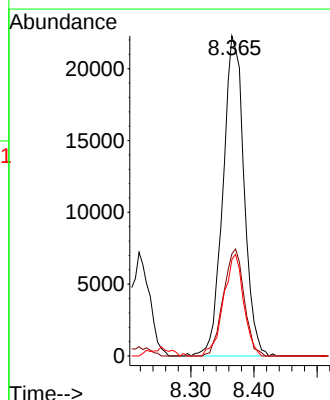
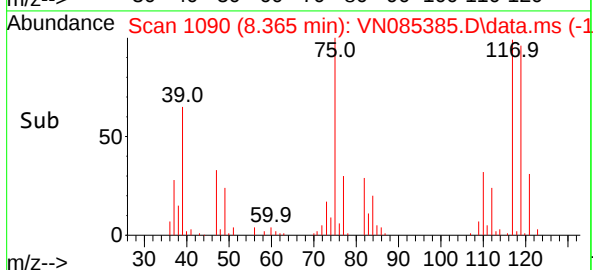
Tgt Ion:113 Resp: 97267  
Ion Ratio Lower Upper  
113 100  
111 103.1 80.5 120.7  
192 17.0 12.9 19.3

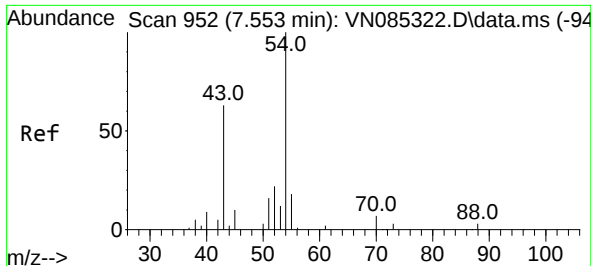


#36  
1,1-Dichloropropene  
Concen: 19.842 ug/l  
RT: 8.365 min Scan# 1090  
Delta R.T. 0.000 min  
Lab File: VN085385.D  
Acq: 06 Jan 2025 13:19



Tgt Ion: 75 Resp: 51629  
Ion Ratio Lower Upper  
75 100  
110 32.9 16.6 49.8  
77 30.3 24.3 36.5

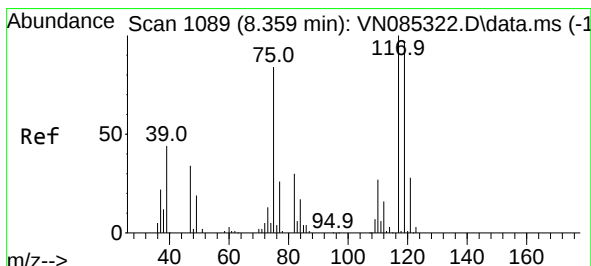
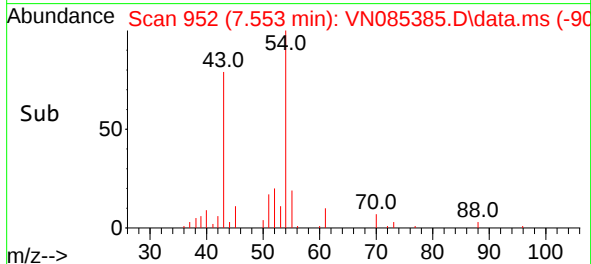
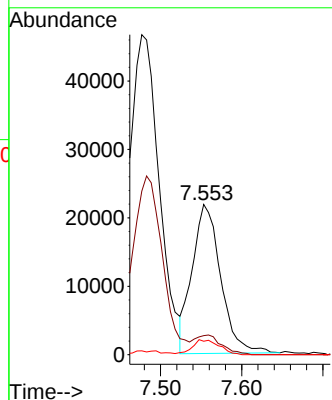
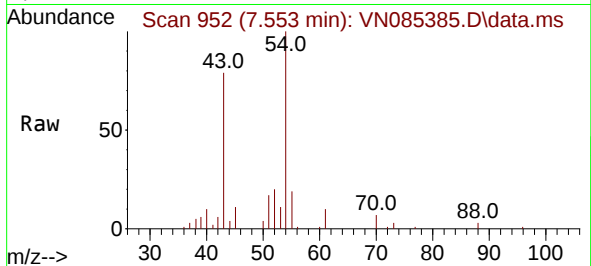




#37  
Ethyl Acetate  
Concen: 20.570 ug/l  
RT: 7.553 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VN085385.D  
Acq: 06 Jan 2025 13:19

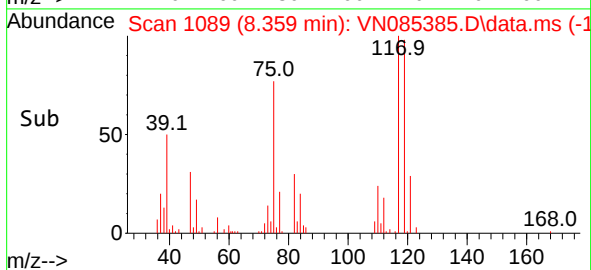
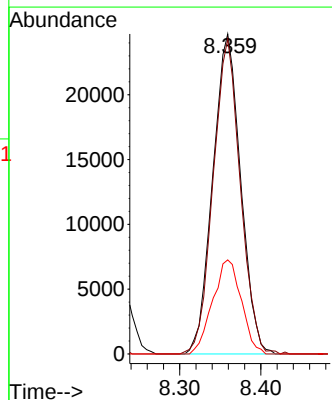
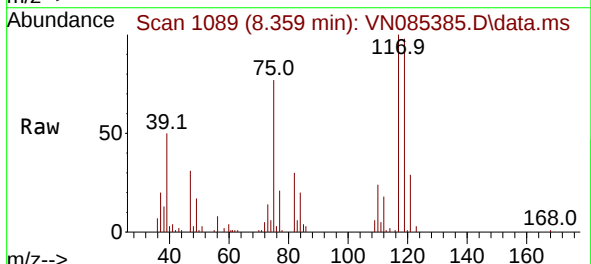
Instrument :  
MSVOA\_N  
ClientSampleId :

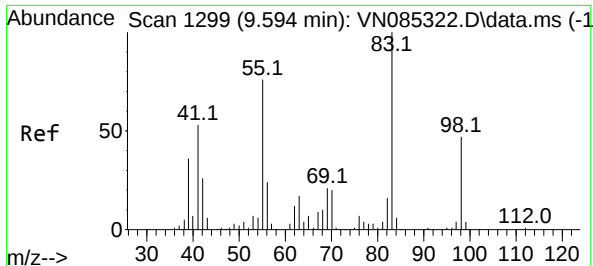
Tgt Ion: 43 Resp: 53201  
Ion Ratio Lower Upper  
43 100  
61 12.3 10.4 15.6  
70 9.4 8.2 12.2



#38  
Carbon Tetrachloride  
Concen: 20.723 ug/l  
RT: 8.359 min Scan# 1089  
Delta R.T. 0.000 min  
Lab File: VN085385.D  
Acq: 06 Jan 2025 13:19

Tgt Ion: 117 Resp: 58775  
Ion Ratio Lower Upper  
117 100  
119 98.4 77.8 116.6  
121 29.4 22.5 33.7





#39

Methylcyclohexane

Concen: 18.880 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN085385.D

Acq: 06 Jan 2025 13:19

Instrument :

MSVOA\_N

ClientSampleId :

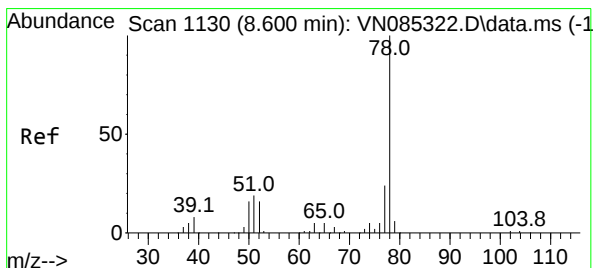
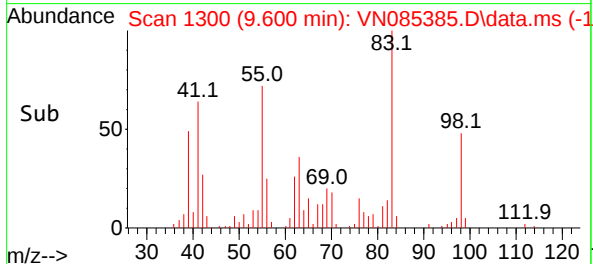
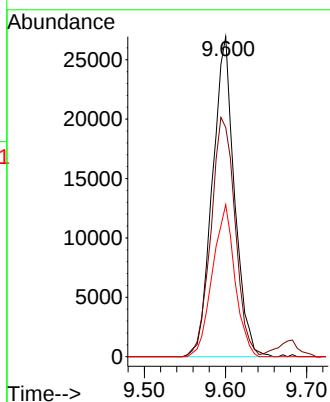
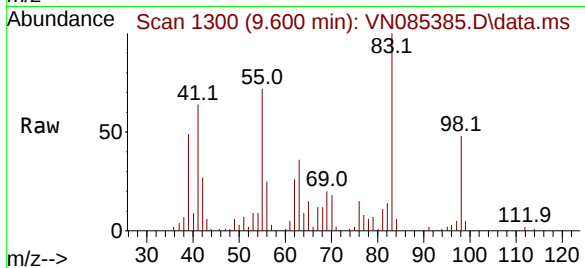
Tgt Ion: 83 Resp: 50971

Ion Ratio Lower Upper

83 100

55 71.7 60.7 91.1

98 47.5 37.7 56.5



#40

Benzene

Concen: 21.100 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN085385.D

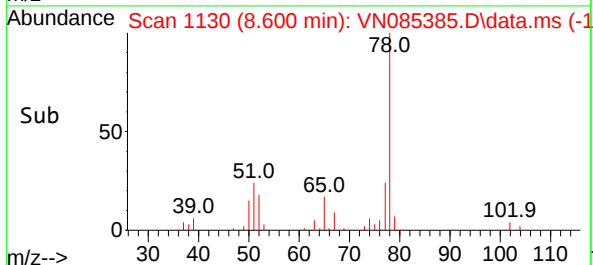
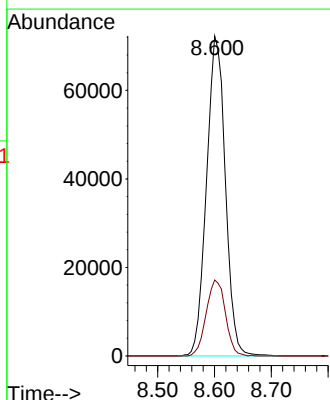
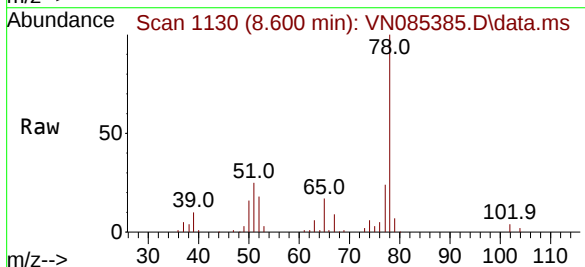
Acq: 06 Jan 2025 13:19

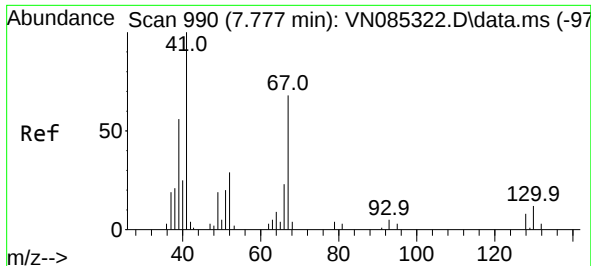
Tgt Ion: 78 Resp: 166000

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.4

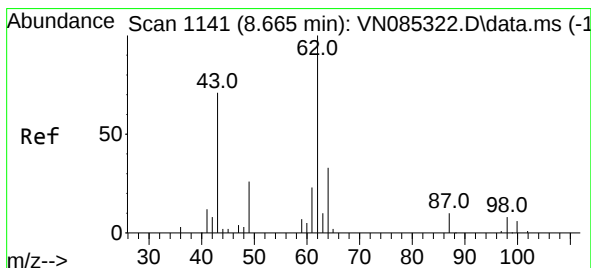
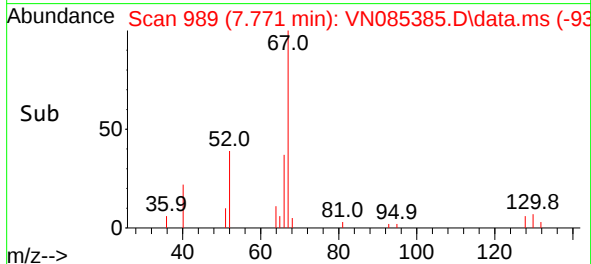
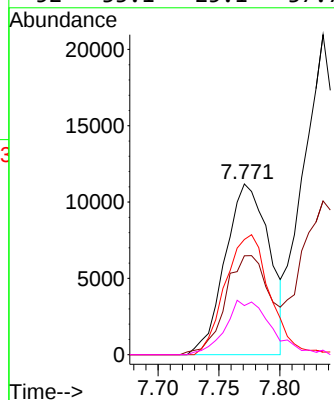
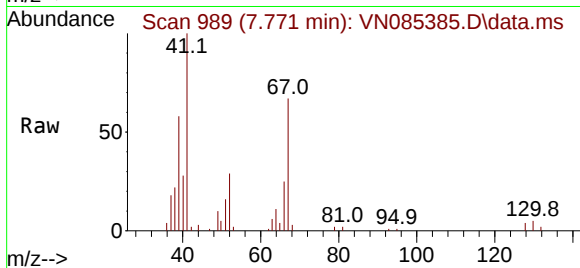




#41  
Methacrylonitrile  
Concen: 21.344 ug/l  
RT: 7.771 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VN085385.D  
Acq: 06 Jan 2025 13:19

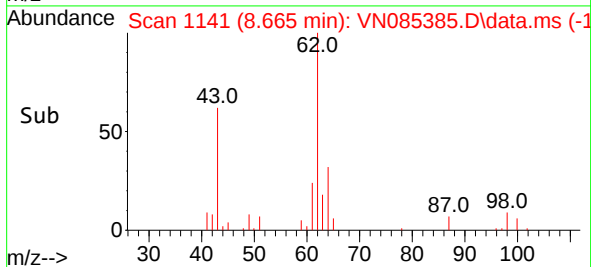
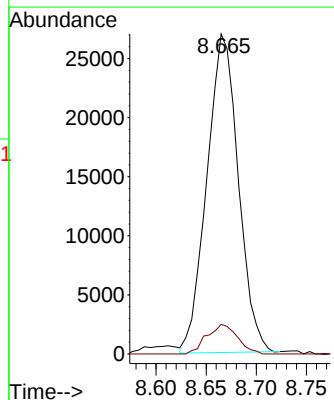
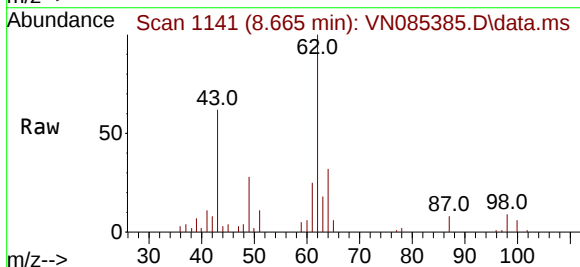
Instrument :  
MSVOA\_N  
ClientSampleId :

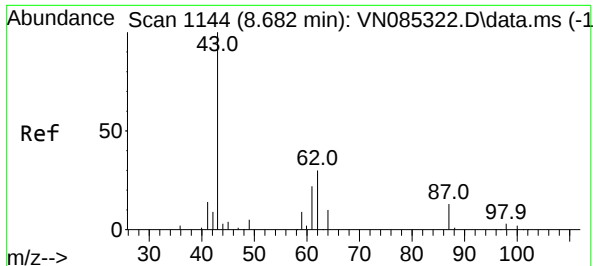
|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 28271 |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 39 58.6     | 45.8 68.8   |
| 67 70.8     | 57.1 85.7   |
| 52 33.1     | 25.1 37.7   |



#42  
1,2-Dichloroethane  
Concen: 20.870 ug/l  
RT: 8.665 min Scan# 1141  
Delta R.T. 0.000 min  
Lab File: VN085385.D  
Acq: 06 Jan 2025 13:19

|             |             |
|-------------|-------------|
| Tgt Ion: 62 | Resp: 58867 |
| Ion Ratio   | Lower Upper |
| 62 100      |             |
| 98 9.1      | 0.0 17.6    |





#43

Isopropyl Acetate

Concen: 21.407 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. 0.000 min

Lab File: VN085385.D

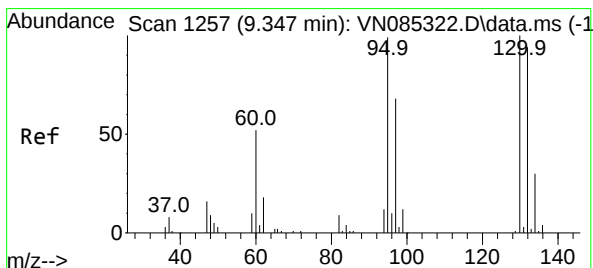
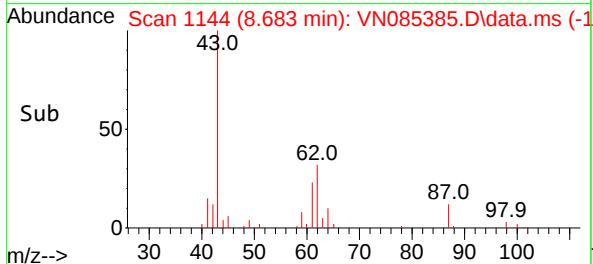
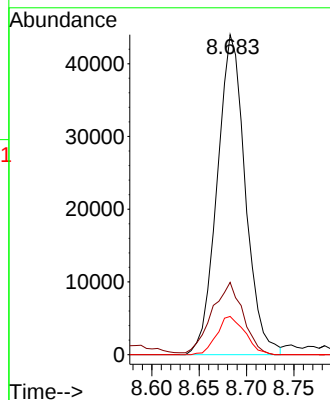
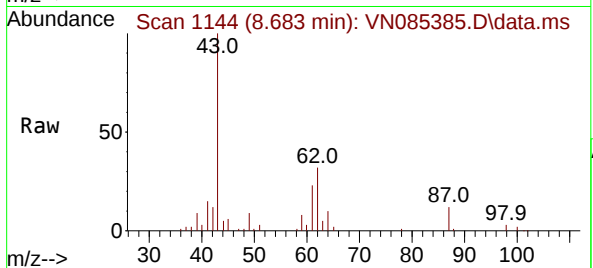
Acq: 06 Jan 2025 13:19

Instrument :

MSVOA\_N

ClientSampleId :

|             |                |
|-------------|----------------|
| Tgt Ion: 43 | Resp: 91165    |
| Ion Ratio   | Lower Upper    |
| 43          | 100            |
| 61          | 25.2 20.8 31.2 |
| 87          | 11.9 10.2 15.4 |



#44

Trichloroethene

Concen: 19.450 ug/l

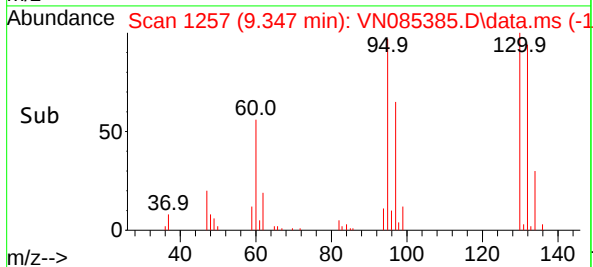
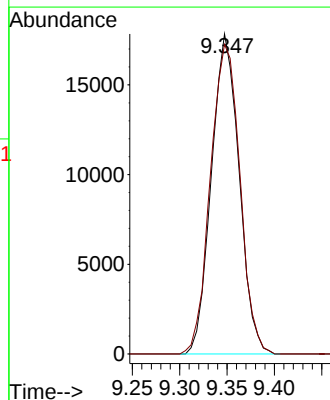
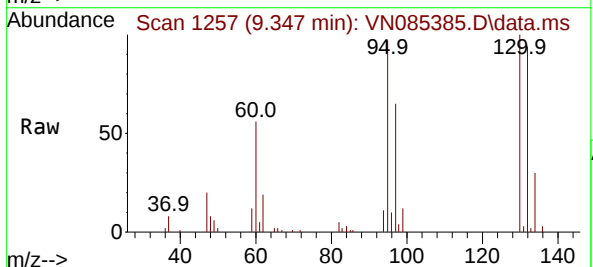
RT: 9.347 min Scan# 1257

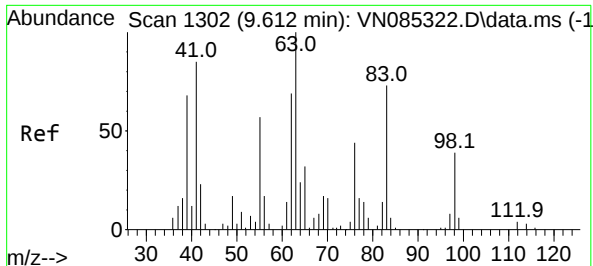
Delta R.T. 0.000 min

Lab File: VN085385.D

Acq: 06 Jan 2025 13:19

|              |                |
|--------------|----------------|
| Tgt Ion: 130 | Resp: 36227    |
| Ion Ratio    | Lower Upper    |
| 130          | 100            |
| 95           | 96.8 0.0 197.8 |





#45

1,2-Dichloropropane

Concen: 21.263 ug/l

RT: 9.618 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085385.D

Acq: 06 Jan 2025 13:19

Instrument :

MSVOA\_N

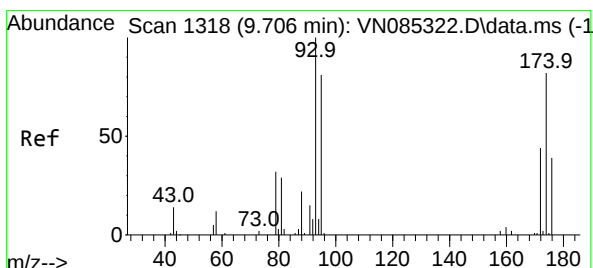
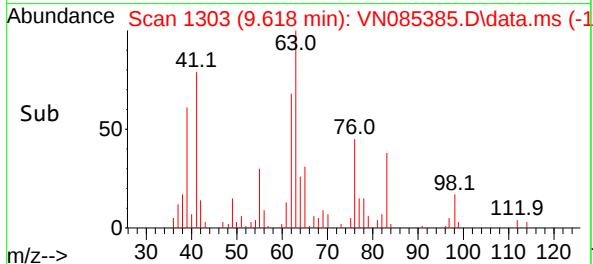
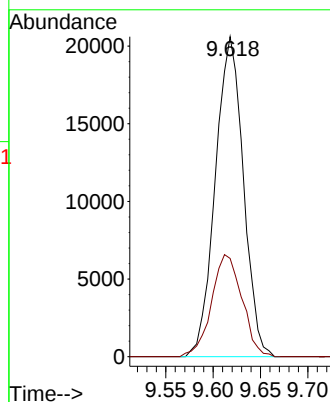
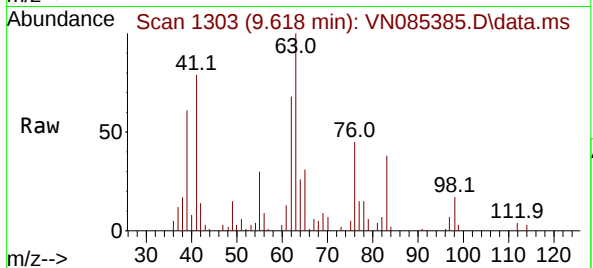
ClientSampleId :

Tgt Ion: 63 Resp: 42464

Ion Ratio Lower Upper

63 100

65 30.7 25.5 38.3



#46

Dibromomethane

Concen: 21.097 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN085385.D

Acq: 06 Jan 2025 13:19

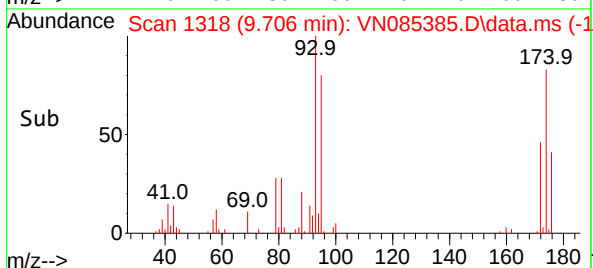
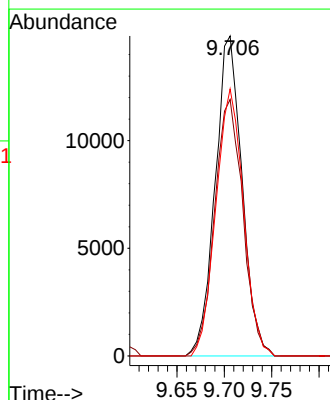
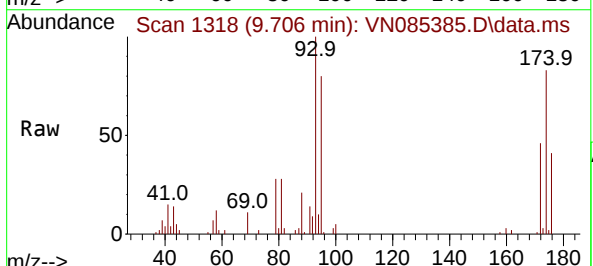
Tgt Ion: 93 Resp: 29302

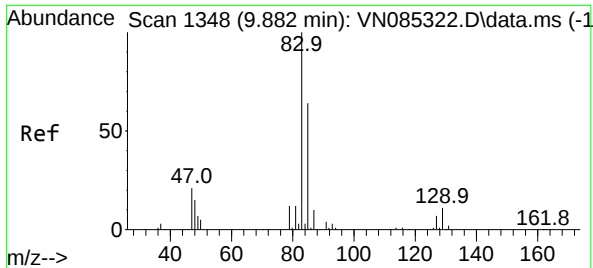
Ion Ratio Lower Upper

93 100

95 84.5 65.3 97.9

174 85.6 66.4 99.6

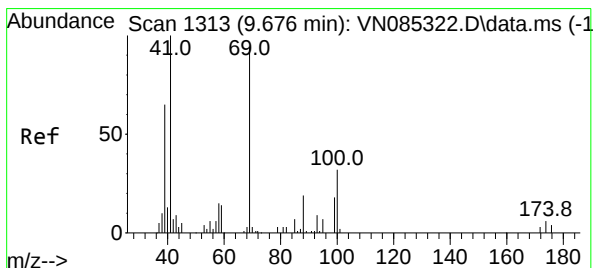
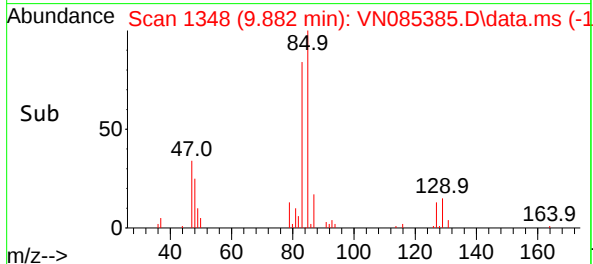
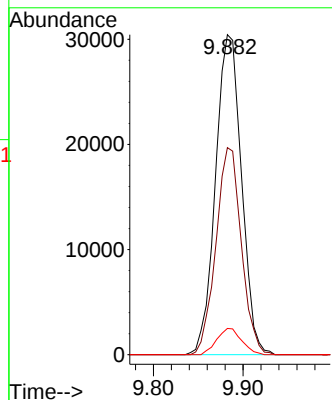
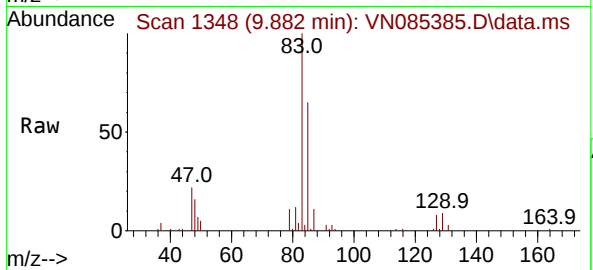




#47  
Bromodichloromethane  
Concen: 21.225 ug/l  
RT: 9.882 min Scan# 1348  
Delta R.T. 0.000 min  
Lab File: VN085385.D  
Acq: 06 Jan 2025 13:19

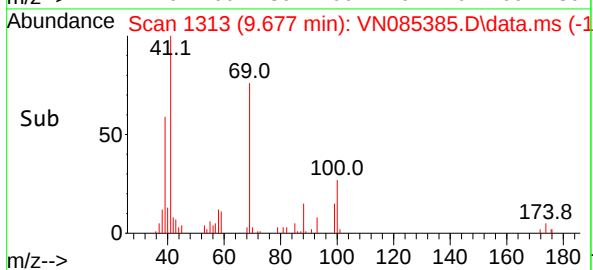
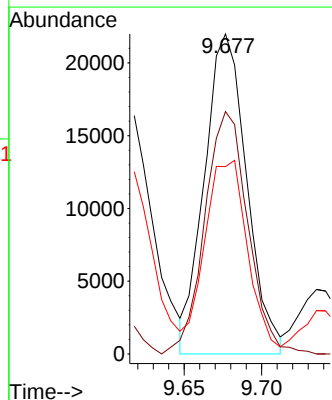
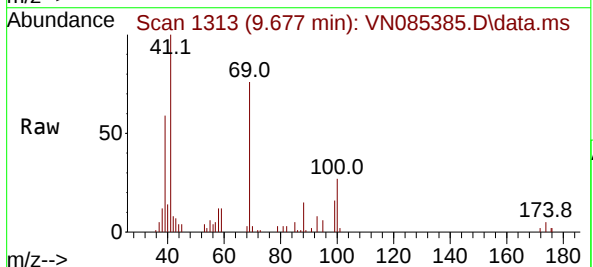
Instrument :  
MSVOA\_N  
ClientSampleId :

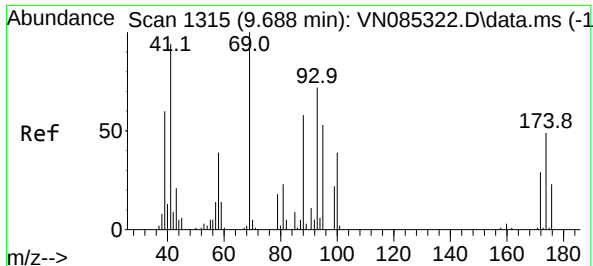
Tgt Ion: 83 Resp: 61274  
Ion Ratio Lower Upper  
83 100  
85 64.7 51.0 76.4  
127 8.2 5.8 8.6



#48  
Methyl methacrylate  
Concen: 22.544 ug/l  
RT: 9.677 min Scan# 1313  
Delta R.T. 0.000 min  
Lab File: VN085385.D  
Acq: 06 Jan 2025 13:19

Tgt Ion: 41 Resp: 41658  
Ion Ratio Lower Upper  
41 100  
69 77.4 67.7 101.5  
39 61.8 51.2 76.8





#49

1,4-Dioxane

Concen: 427.327 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085385.D

Acq: 06 Jan 2025 13:19

Instrument :

MSVOA\_N

ClientSampleId :

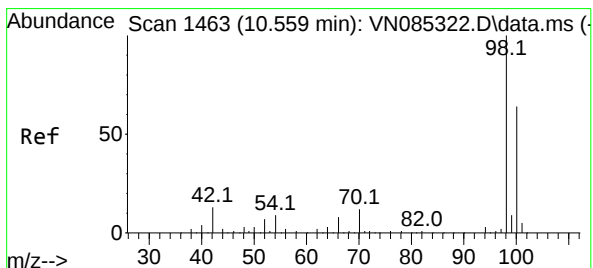
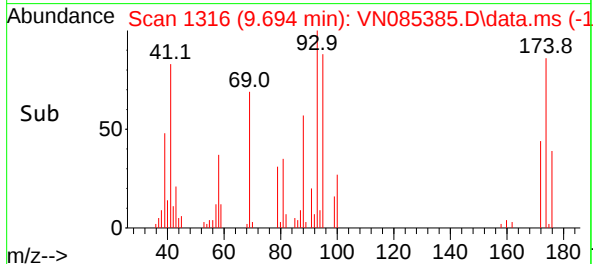
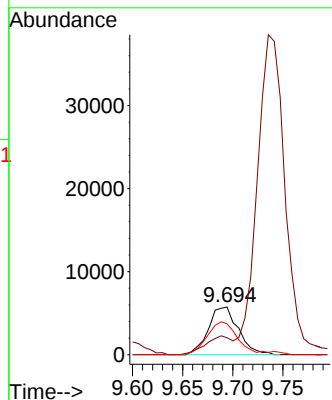
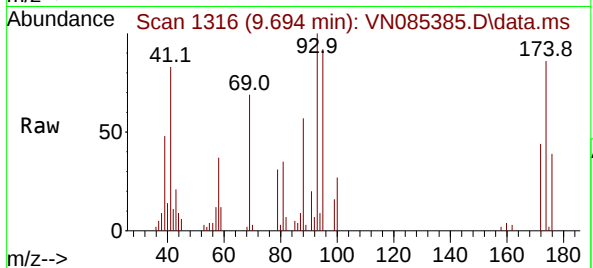
Tgt Ion: 88 Resp: 11914

Ion Ratio Lower Upper

88 100

43 34.7 22.1 33.1#

58 72.7 56.7 85.1



#50

Toluene-d8

Concen: 52.305 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN085385.D

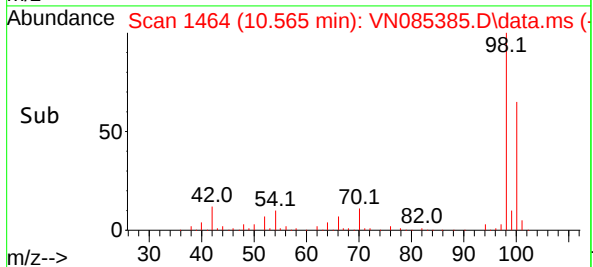
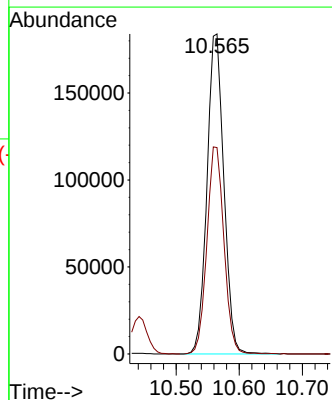
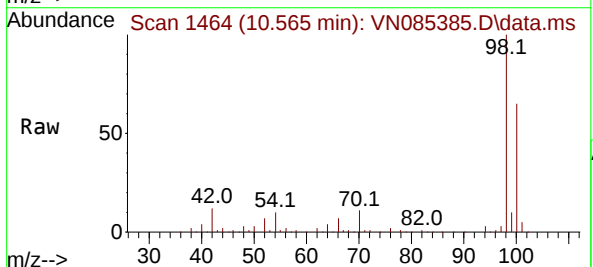
Acq: 06 Jan 2025 13:19

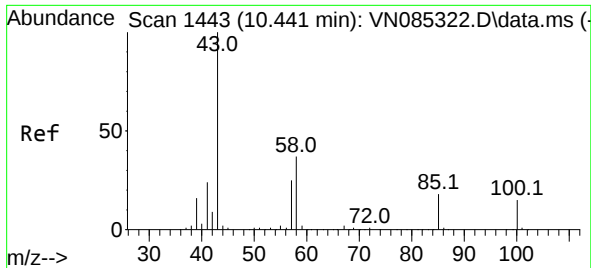
Tgt Ion: 98 Resp: 341104

Ion Ratio Lower Upper

98 100

100 65.4 51.5 77.3

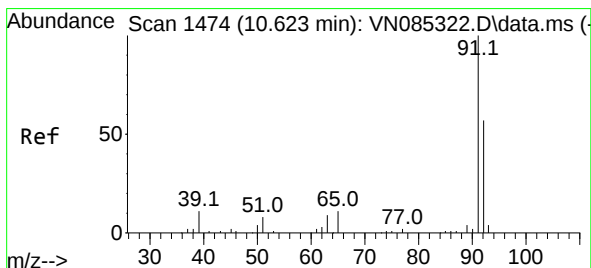
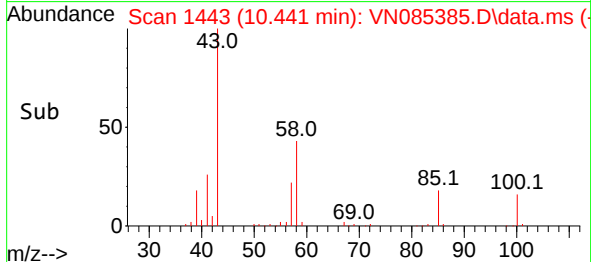
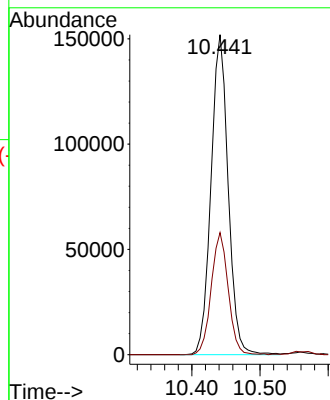
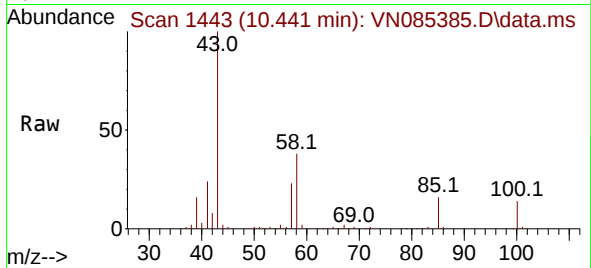




#51  
4-Methyl-2-Pentanone  
Concen: 111.369 ug/l  
RT: 10.441 min Scan# 1443  
Delta R.T. 0.000 min  
Lab File: VN085385.D  
Acq: 06 Jan 2025 13:19

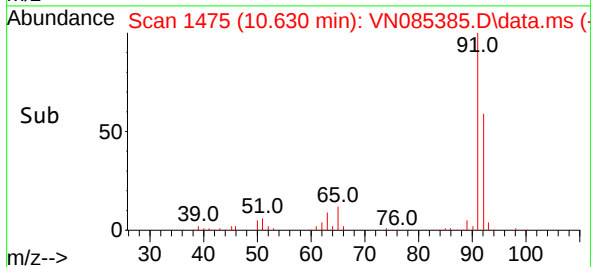
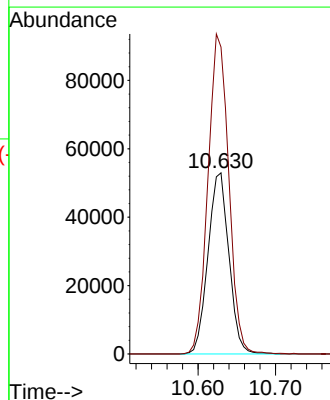
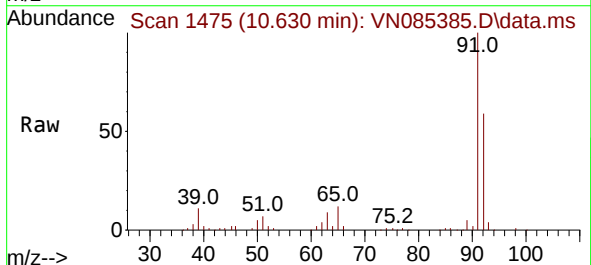
Instrument :  
MSVOA\_N  
ClientSampleId :

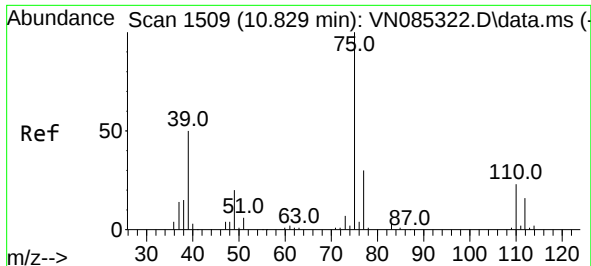
Tgt Ion: 43 Resp: 266526  
Ion Ratio Lower Upper  
43 100  
58 37.7 30.3 45.5



#52  
Toluene  
Concen: 21.196 ug/l  
RT: 10.630 min Scan# 1475  
Delta R.T. 0.006 min  
Lab File: VN085385.D  
Acq: 06 Jan 2025 13:19

Tgt Ion: 92 Resp: 99289  
Ion Ratio Lower Upper  
92 100  
91 175.2 140.2 210.4

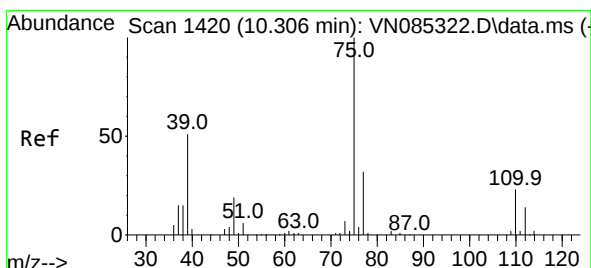
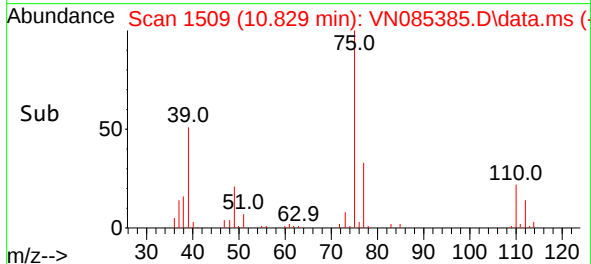
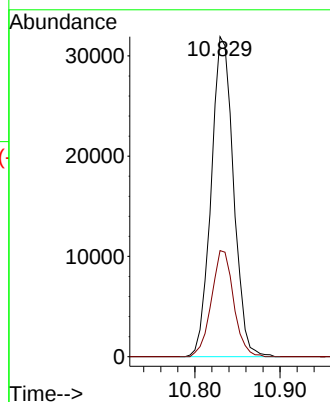
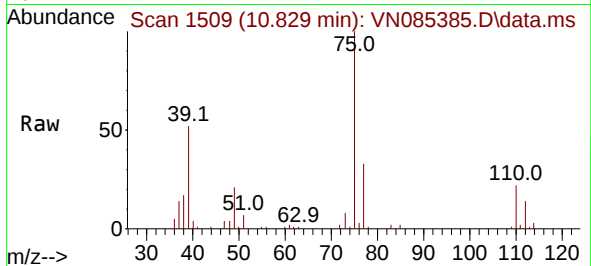




#53  
 t-1,3-Dichloropropene  
 Concen: 20.449 ug/l  
 RT: 10.829 min Scan# 1509  
 Delta R.T. 0.000 min  
 Lab File: VN085385.D  
 Acq: 06 Jan 2025 13:19

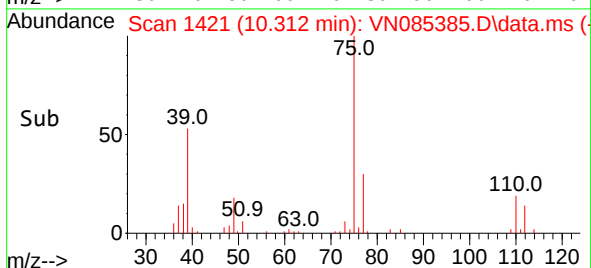
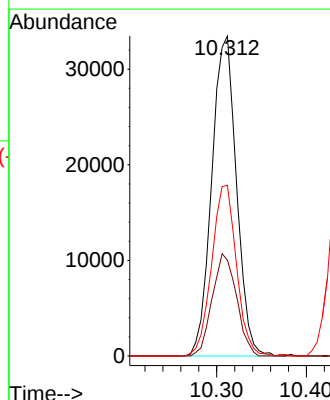
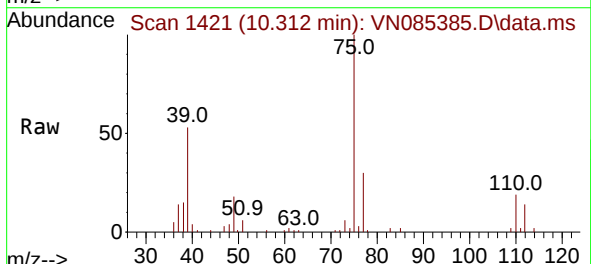
Instrument :  
 MSVOA\_N  
 ClientSampleId :

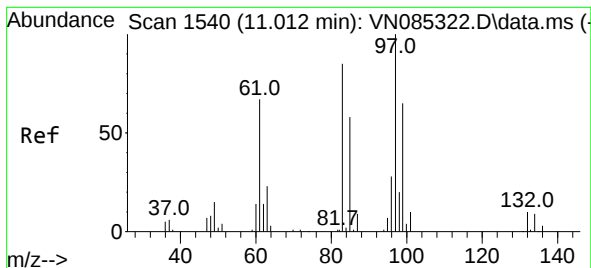
Tgt Ion: 75 Resp: 58052  
 Ion Ratio Lower Upper  
 75 100  
 77 33.1 23.8 35.6



#54  
 cis-1,3-Dichloropropene  
 Concen: 20.816 ug/l  
 RT: 10.312 min Scan# 1421  
 Delta R.T. 0.006 min  
 Lab File: VN085385.D  
 Acq: 06 Jan 2025 13:19

Tgt Ion: 75 Resp: 63903  
 Ion Ratio Lower Upper  
 75 100  
 77 30.0 25.5 38.3  
 39 53.3 40.5 60.7





#55

1,1,2-Trichloroethane

Concen: 21.996 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. 0.000 min

Lab File: VN085385.D

Acq: 06 Jan 2025 13:19

Instrument :

MSVOA\_N

ClientSampleId :

Tgt Ion: 97 Resp: 38902

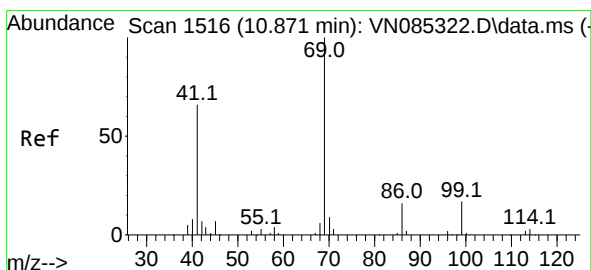
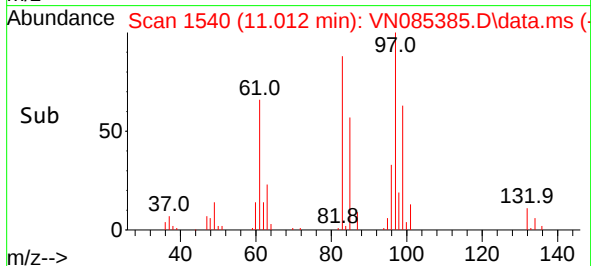
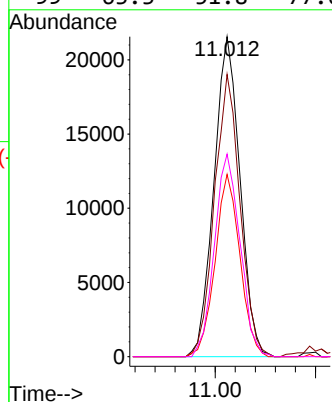
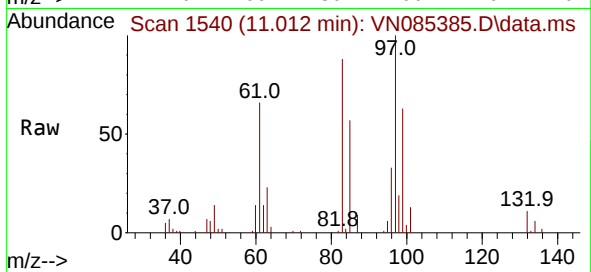
Ion Ratio Lower Upper

97 100

83 88.2 67.7 101.5

85 57.0 46.2 69.4

99 63.3 51.8 77.6



#56

Ethyl methacrylate

Concen: 20.967 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VN085385.D

Acq: 06 Jan 2025 13:19

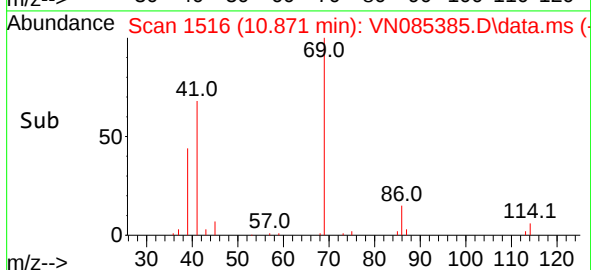
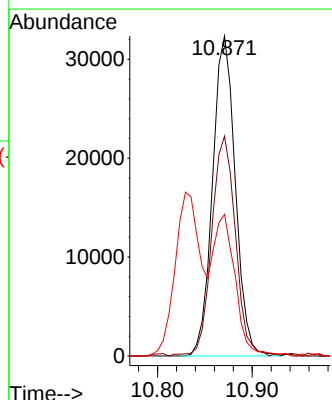
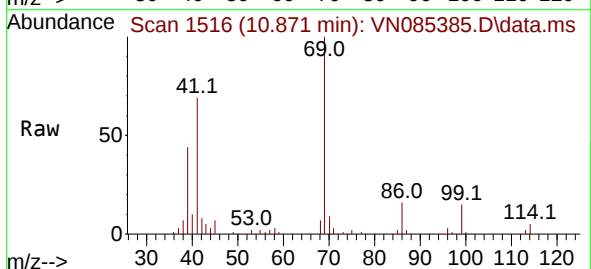
Tgt Ion: 69 Resp: 54005

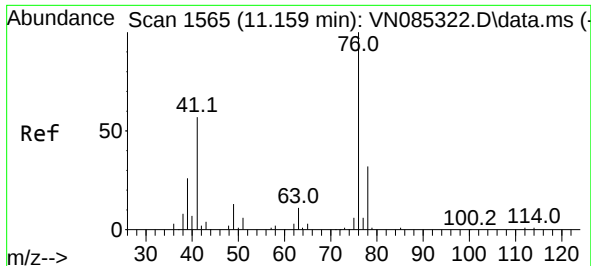
Ion Ratio Lower Upper

69 100

41 71.7 54.3 81.5

39 42.4 32.0 48.0





#57

1,3-Dichloropropane

Concen: 21.522 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. 0.000 min

Lab File: VN085385.D

Acq: 06 Jan 2025 13:19

Instrument :

MSVOA\_N

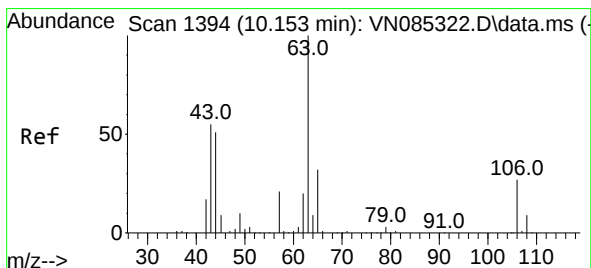
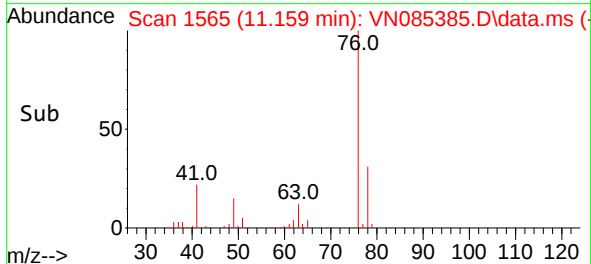
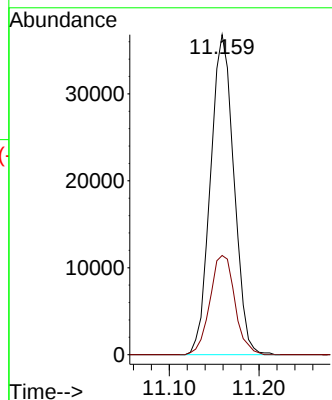
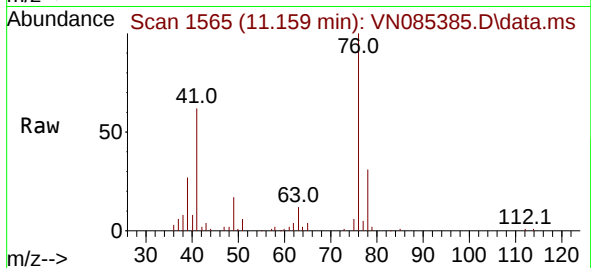
ClientSampleId :

Tgt Ion: 76 Resp: 66806

Ion Ratio Lower Upper

76 100

78 32.9 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 92.631 ug/l

RT: 10.153 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VN085385.D

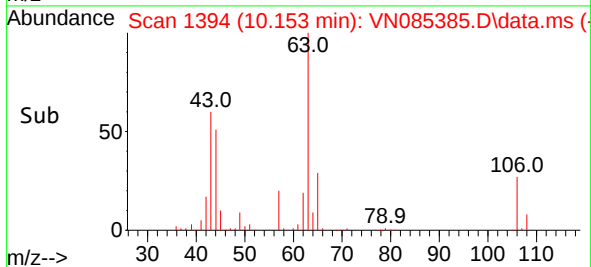
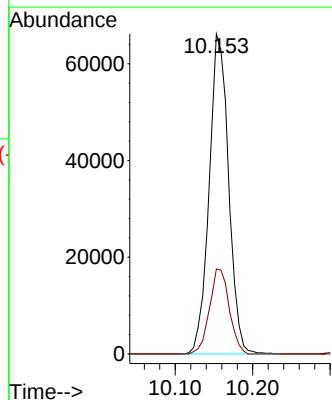
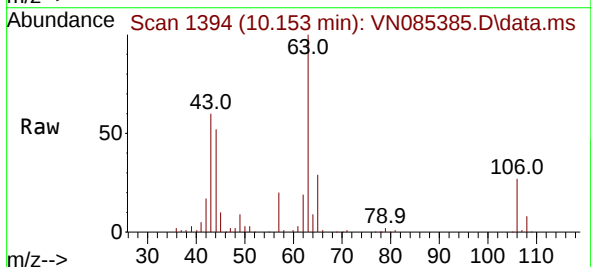
Acq: 06 Jan 2025 13:19

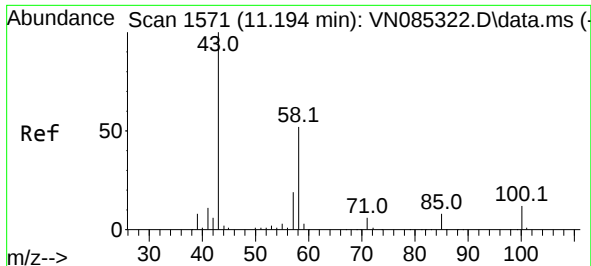
Tgt Ion: 63 Resp: 115437

Ion Ratio Lower Upper

63 100

106 27.0 22.1 33.1

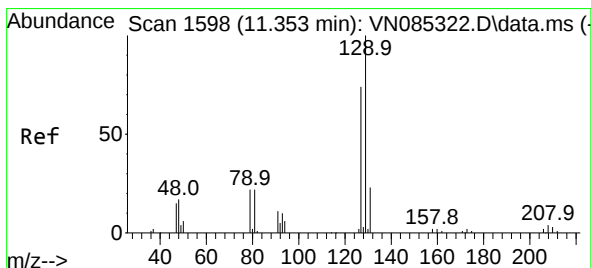
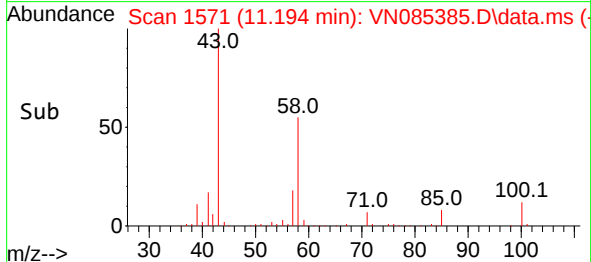
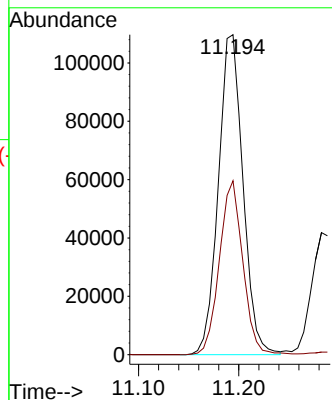
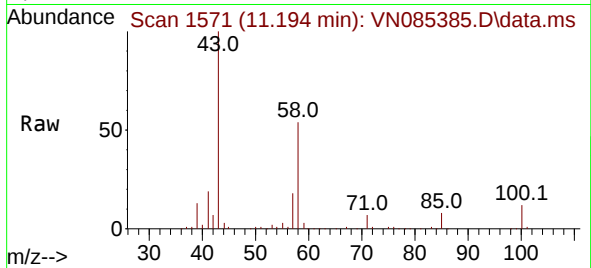




#59  
2-Hexanone  
Concen: 112.591 ug/l  
RT: 11.194 min Scan# 1571  
Delta R.T. 0.000 min  
Lab File: VN085385.D  
Acq: 06 Jan 2025 13:19

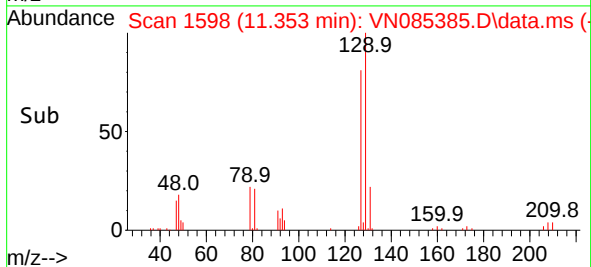
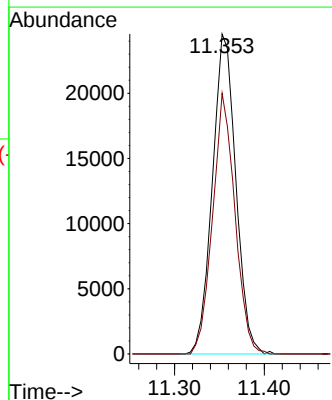
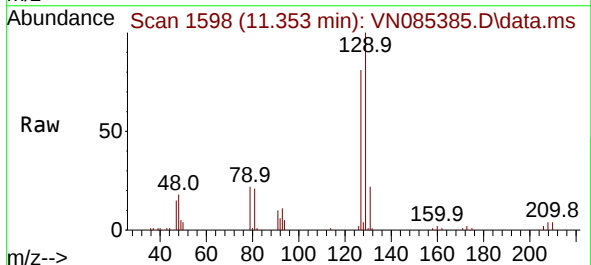
Instrument :  
MSVOA\_N  
ClientSampleId :

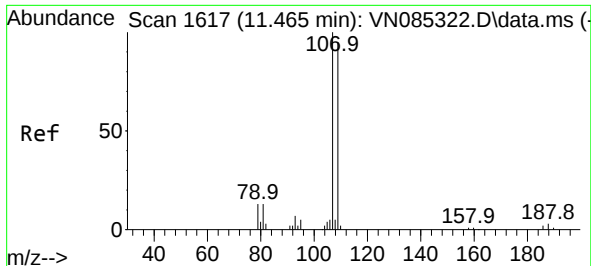
Tgt Ion: 43 Resp: 186947  
Ion Ratio Lower Upper  
43 100  
58 51.8 26.5 79.5



#60  
Dibromochloromethane  
Concen: 22.343 ug/l  
RT: 11.353 min Scan# 1598  
Delta R.T. 0.000 min  
Lab File: VN085385.D  
Acq: 06 Jan 2025 13:19

Tgt Ion:129 Resp: 44508  
Ion Ratio Lower Upper  
129 100  
127 77.5 38.3 114.9

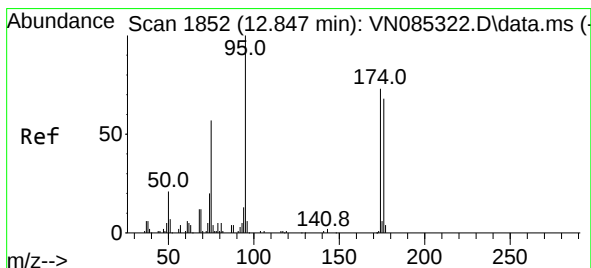
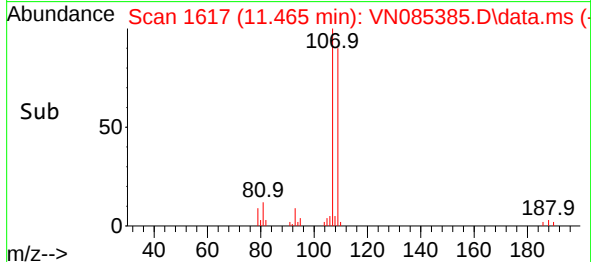
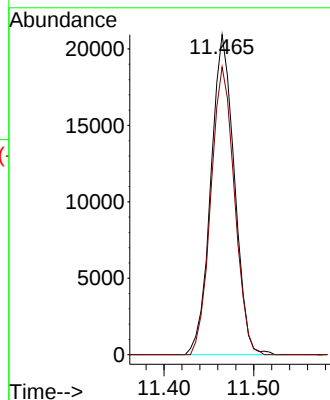
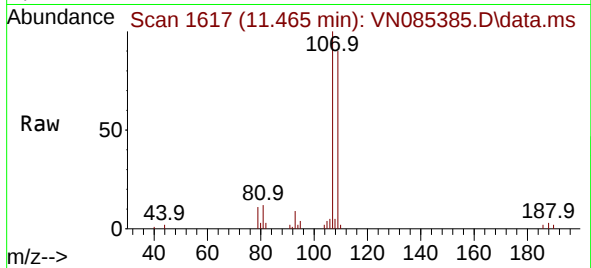




#61  
1,2-Dibromoethane  
Concen: 21.755 ug/l  
RT: 11.465 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN085385.D  
Acq: 06 Jan 2025 13:19

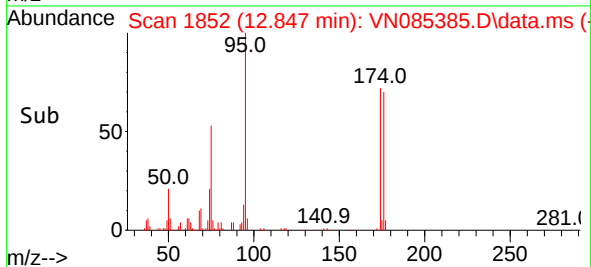
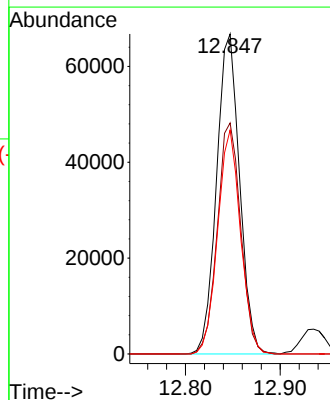
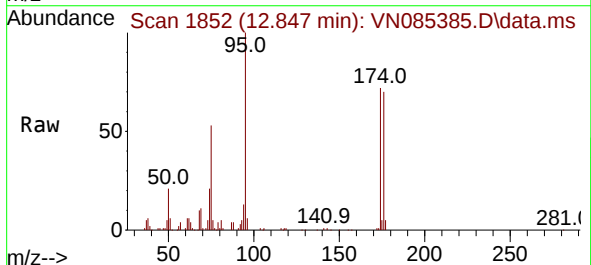
Instrument :  
MSVOA\_N  
ClientSampleId :

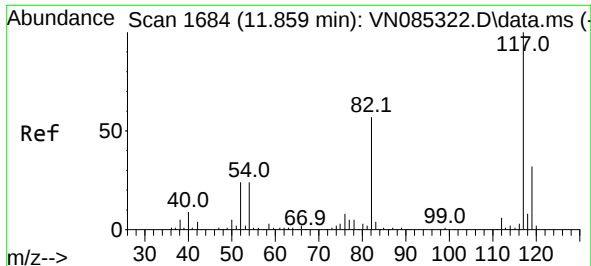
Tgt Ion:107 Resp: 38065  
Ion Ratio Lower Upper  
107 100  
109 90.2 74.9 112.3



#62  
4-Bromofluorobenzene  
Concen: 52.122 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. 0.000 min  
Lab File: VN085385.D  
Acq: 06 Jan 2025 13:19

Tgt Ion: 95 Resp: 112887  
Ion Ratio Lower Upper  
95 100  
174 73.3 0.0 143.2  
176 69.5 0.0 135.8

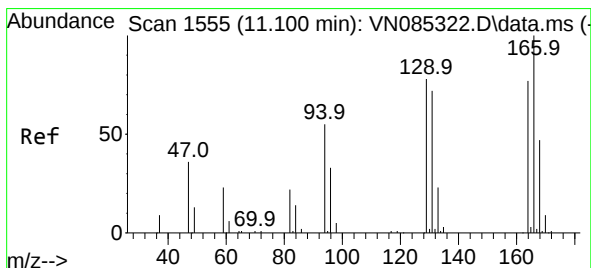
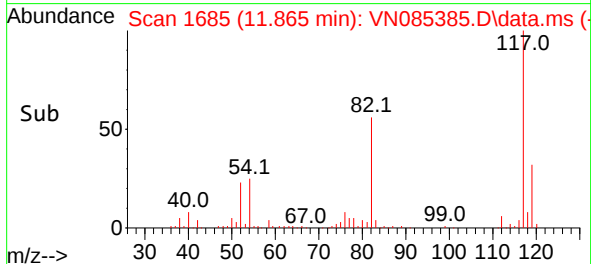
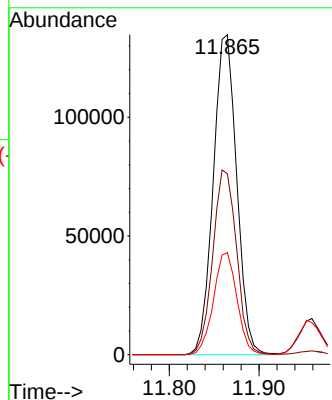
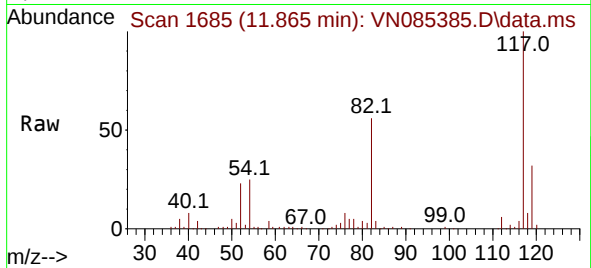




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. 0.006 min  
Lab File: VN085385.D  
Acq: 06 Jan 2025 13:19

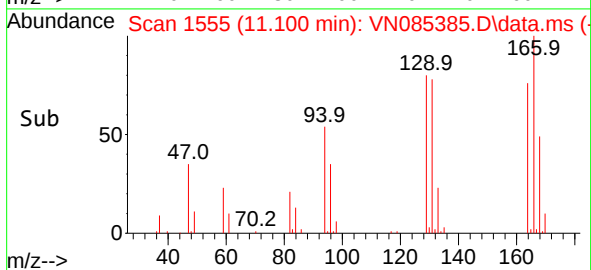
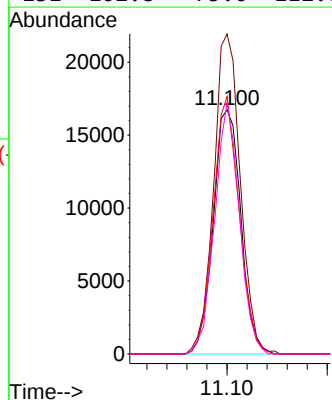
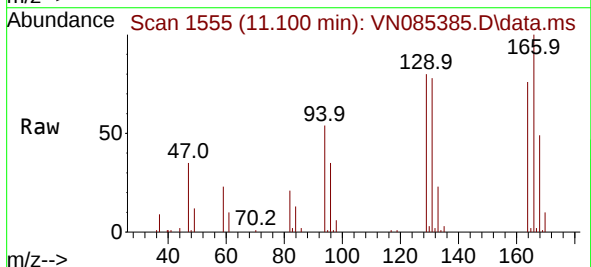
Instrument :  
MSVOA\_N  
ClientSampleId :

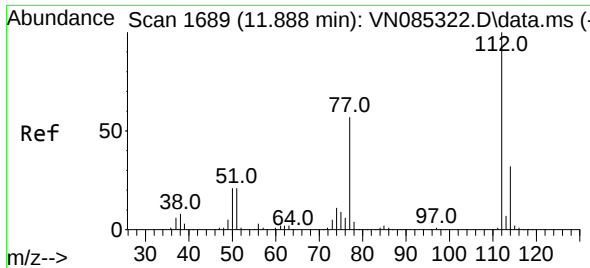
Tgt Ion:117 Resp: 245085  
Ion Ratio Lower Upper  
117 100  
82 56.5 45.7 68.5  
119 31.9 25.8 38.8



#64  
Tetrachloroethene  
Concen: 20.507 ug/l  
RT: 11.100 min Scan# 1555  
Delta R.T. 0.000 min  
Lab File: VN085385.D  
Acq: 06 Jan 2025 13:19

Tgt Ion:164 Resp: 31846  
Ion Ratio Lower Upper  
164 100  
166 131.1 104.0 156.0  
129 105.4 81.3 121.9  
131 102.8 75.0 112.6

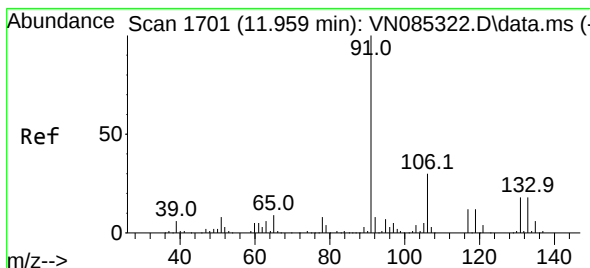
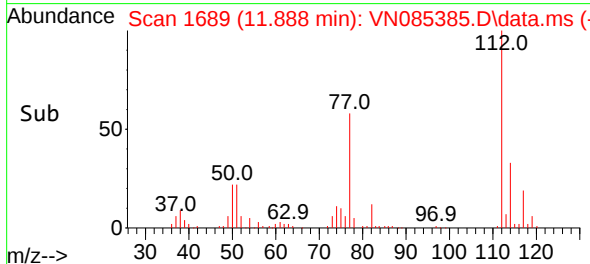
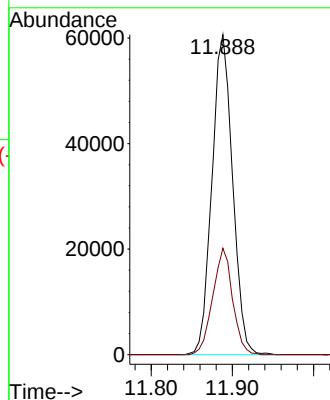
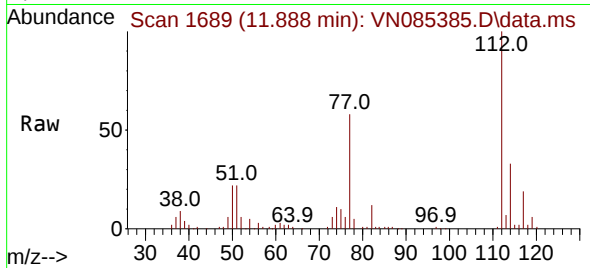




#65  
Chlorobenzene  
Concen: 20.225 ug/l  
RT: 11.888 min Scan# 111  
Delta R.T. 0.000 min  
Lab File: VN085385.D  
Acq: 06 Jan 2025 13:19

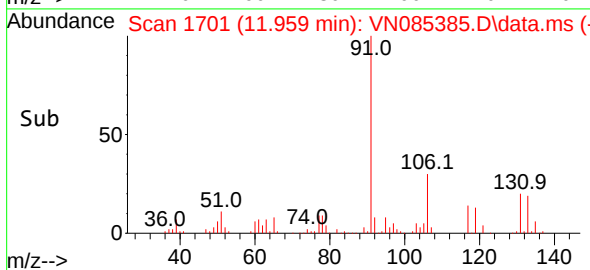
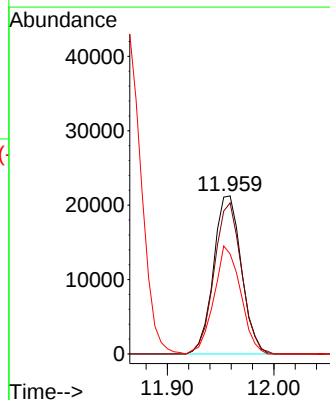
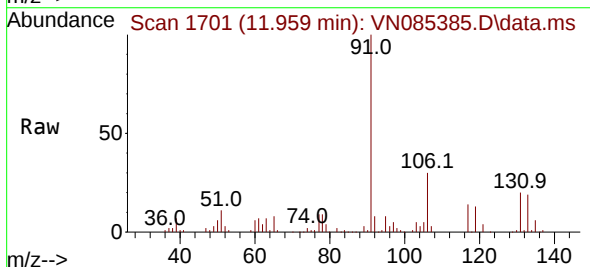
Instrument :  
MSVOA\_N  
ClientSampleId :

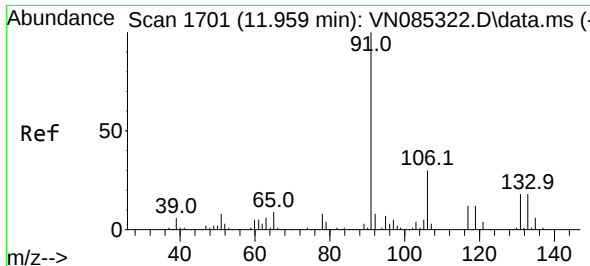
Tgt Ion:112 Resp: 107116  
Ion Ratio Lower Upper  
112 100  
114 33.3 25.2 37.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 21.715 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VN085385.D  
Acq: 06 Jan 2025 13:19

Tgt Ion:131 Resp: 38600  
Ion Ratio Lower Upper  
131 100  
133 93.7 48.3 144.9  
119 65.3 33.4 100.1

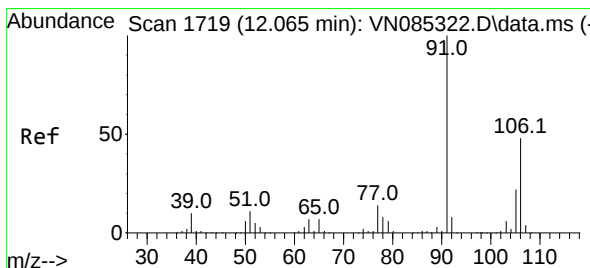
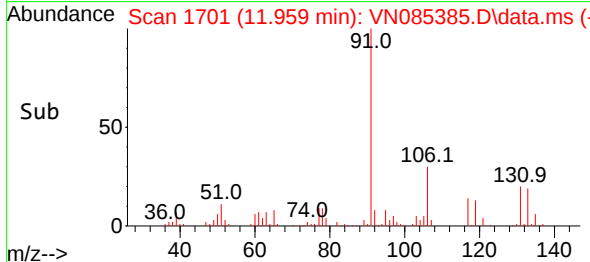
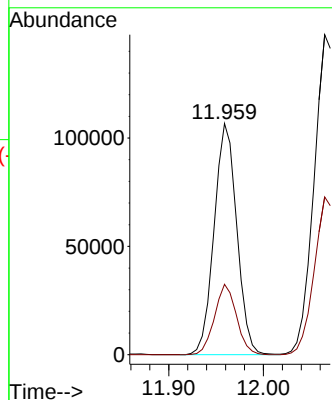
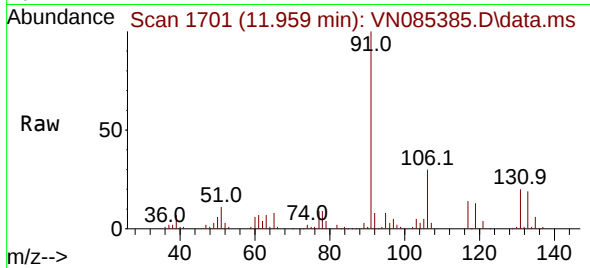




#67  
Ethyl Benzene  
Concen: 20.173 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VN085385.D  
Acq: 06 Jan 2025 13:19

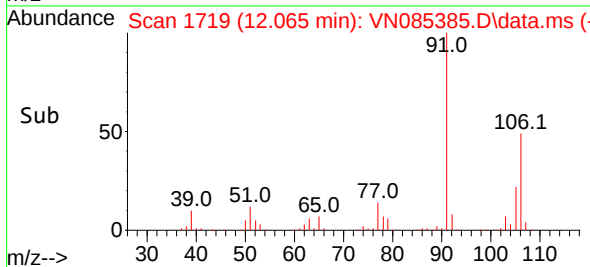
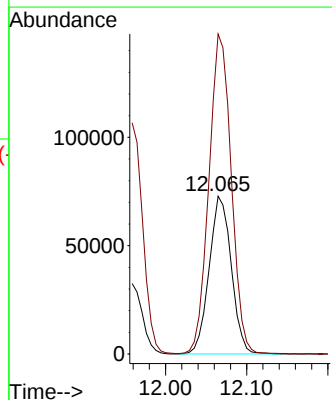
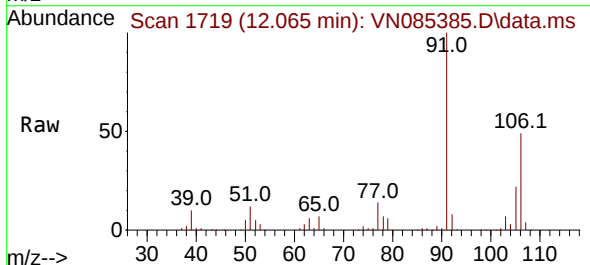
Instrument :  
MSVOA\_N  
ClientSampleId :

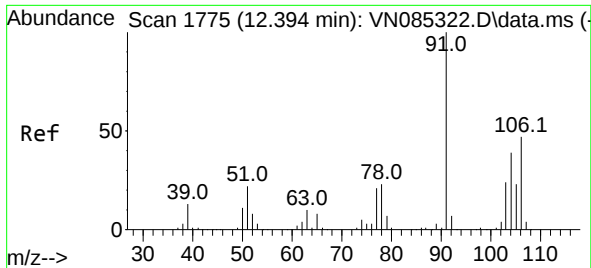
Tgt Ion: 91 Resp: 177683  
Ion Ratio Lower Upper  
91 100  
106 30.4 24.0 36.0



#68  
m/p-Xylenes  
Concen: 42.714 ug/l  
RT: 12.065 min Scan# 1719  
Delta R.T. 0.000 min  
Lab File: VN085385.D  
Acq: 06 Jan 2025 13:19

Tgt Ion:106 Resp: 137681  
Ion Ratio Lower Upper  
106 100  
91 205.5 165.2 247.8

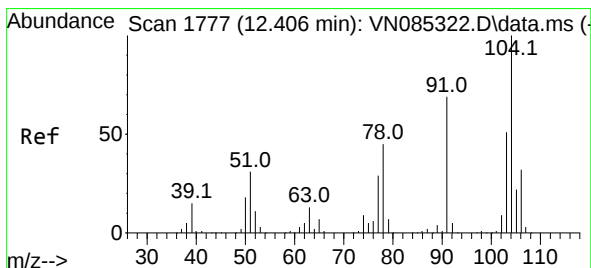
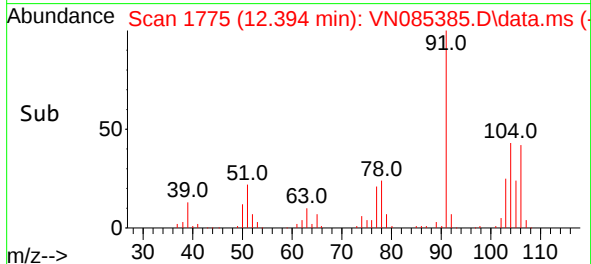
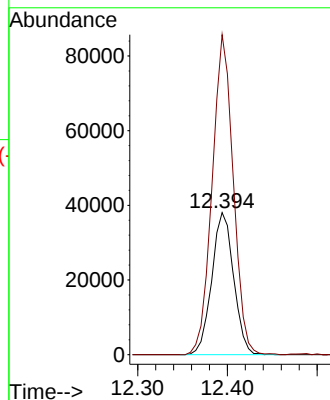
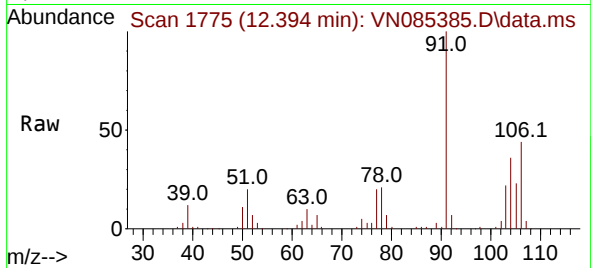




#69  
o-Xylene  
Concen: 20.637 ug/l  
RT: 12.394 min Scan# 1775  
Delta R.T. 0.000 min  
Lab File: VN085385.D  
Acq: 06 Jan 2025 13:19

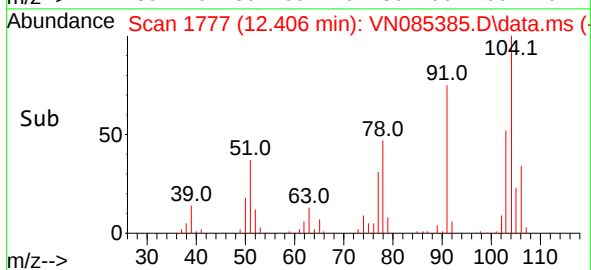
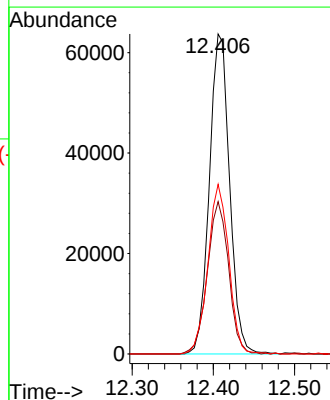
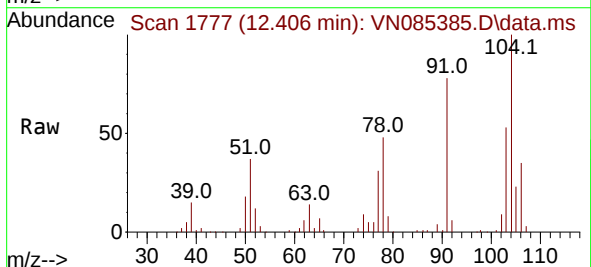
Instrument :  
MSVOA\_N  
ClientSampleId :

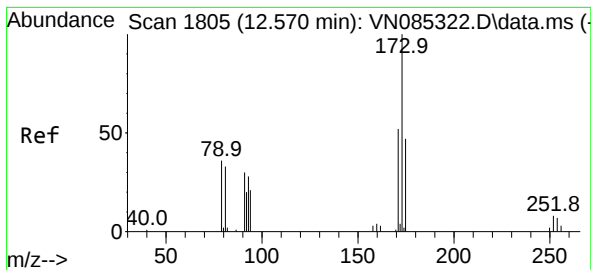
Tgt Ion:106 Resp: 64348  
Ion Ratio Lower Upper  
106 100  
91 217.7 107.3 321.8



#70  
Styrene  
Concen: 21.829 ug/l  
RT: 12.406 min Scan# 1777  
Delta R.T. 0.000 min  
Lab File: VN085385.D  
Acq: 06 Jan 2025 13:19

Tgt Ion:104 Resp: 110317  
Ion Ratio Lower Upper  
104 100  
78 50.0 40.7 61.1  
103 54.7 44.1 66.1





#71

Bromoform

Concen: 22.555 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.006 min

Lab File: VN085385.D

Acq: 06 Jan 2025 13:19

Instrument :

MSVOA\_N

ClientSampleId :

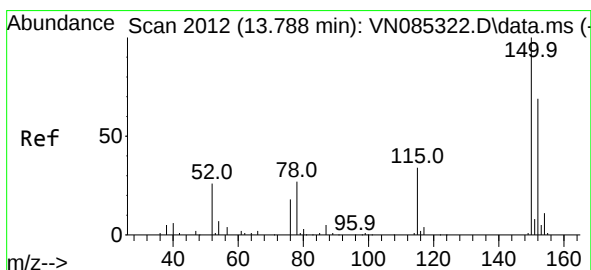
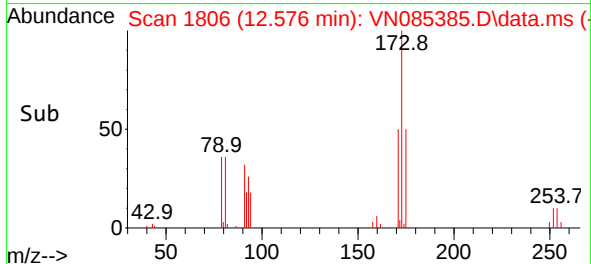
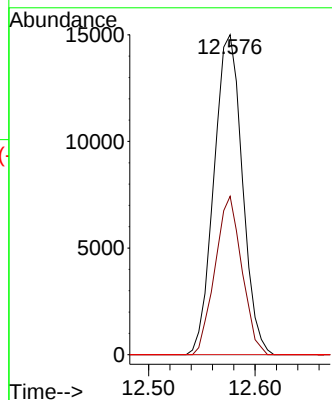
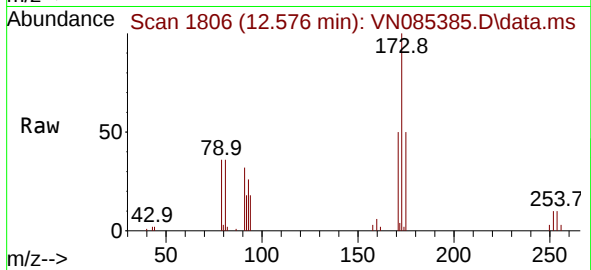
Tgt Ion:173 Resp: 27769

Ion Ratio Lower Upper

173 100

175 46.8 24.4 73.4

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: VN085385.D

Acq: 06 Jan 2025 13:19

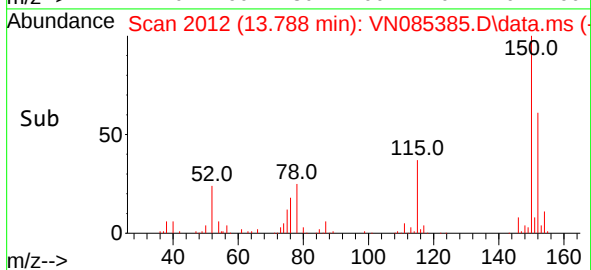
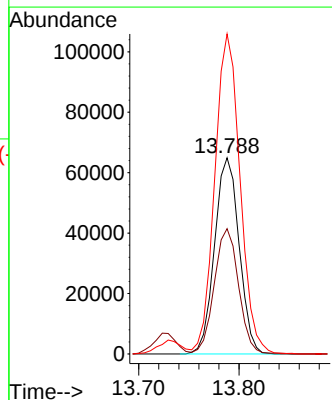
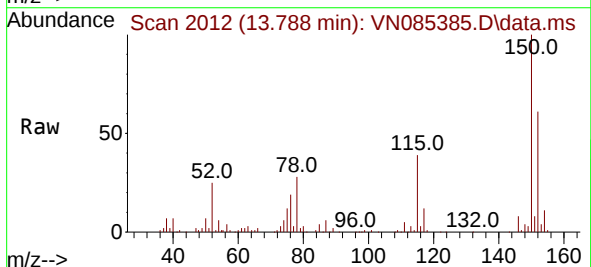
Tgt Ion:152 Resp: 110293

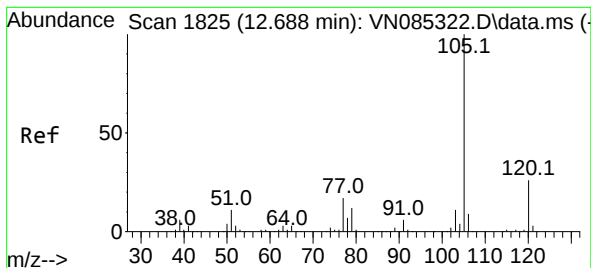
Ion Ratio Lower Upper

152 100

115 63.3 30.4 91.3

150 167.9 0.0 345.0





#73

Isopropylbenzene

Concen: 19.849 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.006 min

Lab File: VN085385.D

Acq: 06 Jan 2025 13:19

Instrument :

MSVOA\_N

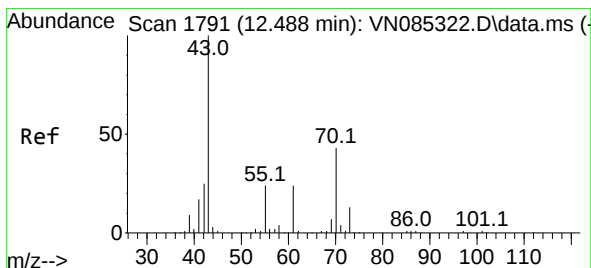
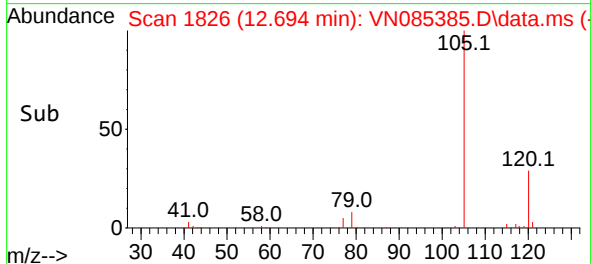
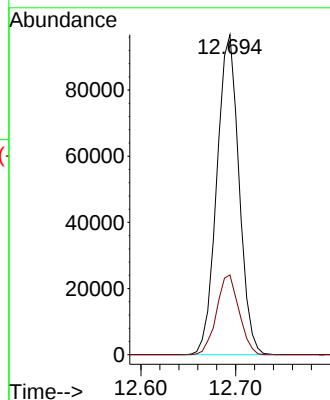
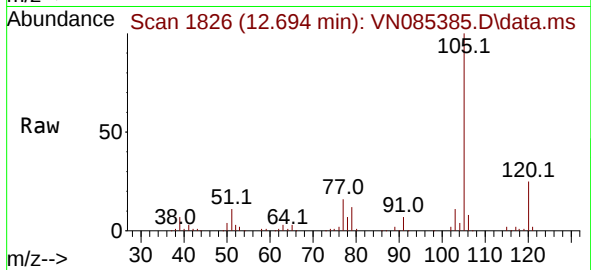
ClientSampleId :

Tgt Ion:105 Resp: 157428

Ion Ratio Lower Upper

105 100

120 25.3 12.9 38.6



#74

N-ethyl acetate

Concen: 21.447 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VN085385.D

Acq: 06 Jan 2025 13:19

Tgt Ion: 43 Resp: 72811

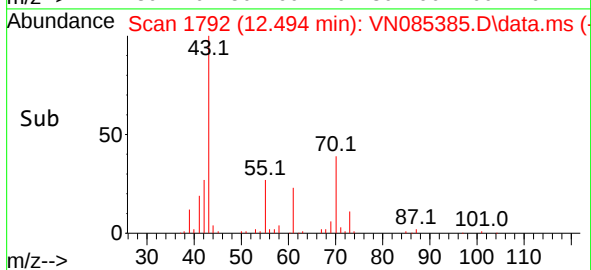
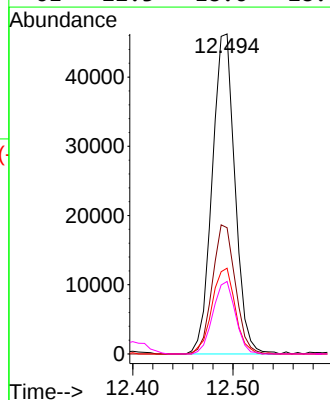
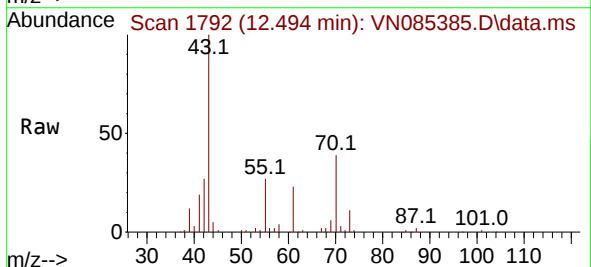
Ion Ratio Lower Upper

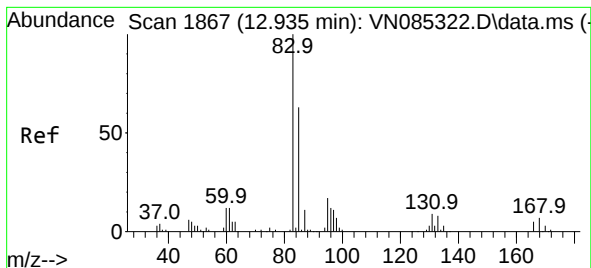
43 100

70 40.7 33.4 50.0

55 27.4 19.2 28.8

61 22.3 18.6 28.0

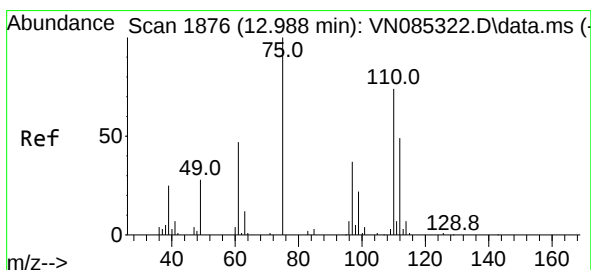
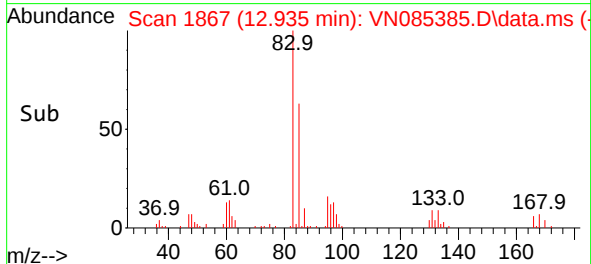
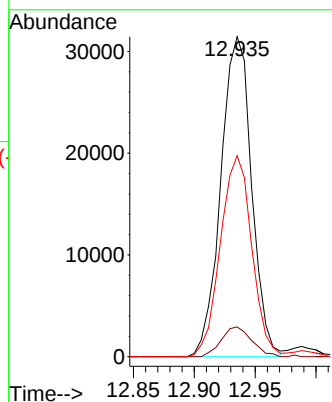
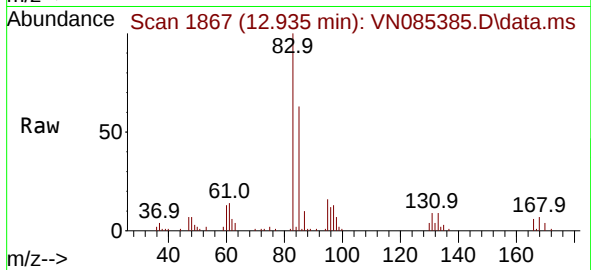




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 21.869 ug/l  
 RT: 12.935 min Scan# 1867  
 Delta R.T. 0.000 min  
 Lab File: VN085385.D  
 Acq: 06 Jan 2025 13:19

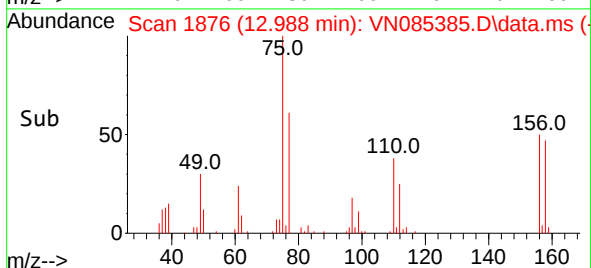
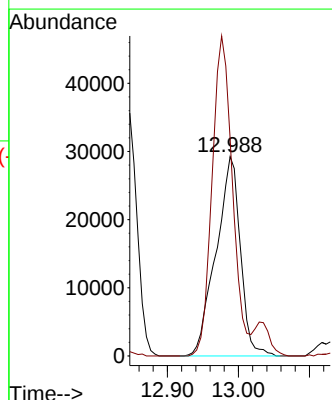
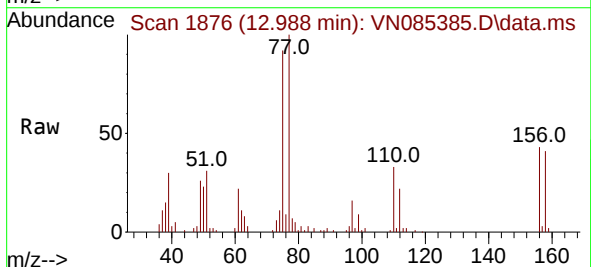
Instrument :  
 MSVOA\_N  
 ClientSampleId :

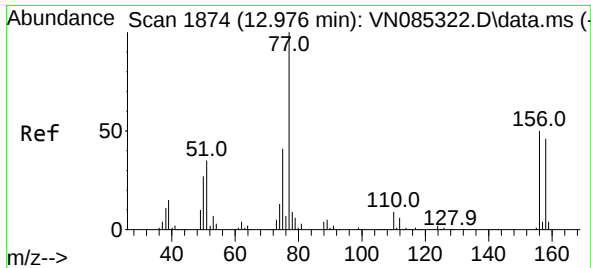
Tgt Ion: 83 Resp: 55241  
 Ion Ratio Lower Upper  
 83 100  
 131 9.2 4.8 14.4  
 85 64.1 32.6 98.0



#76  
 1,2,3-Trichloropropane  
 Concen: 33.761 ug/l  
 RT: 12.988 min Scan# 1876  
 Delta R.T. 0.000 min  
 Lab File: VN085385.D  
 Acq: 06 Jan 2025 13:19

Tgt Ion: 75 Resp: 69534  
 Ion Ratio Lower Upper  
 75 100  
 77 134.5 98.1 294.3

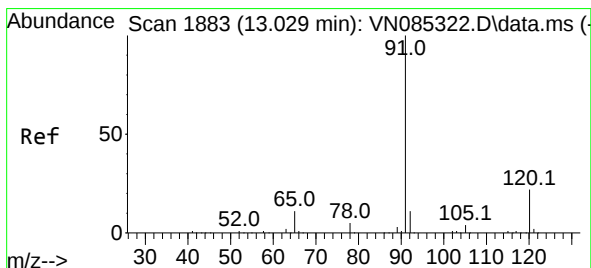
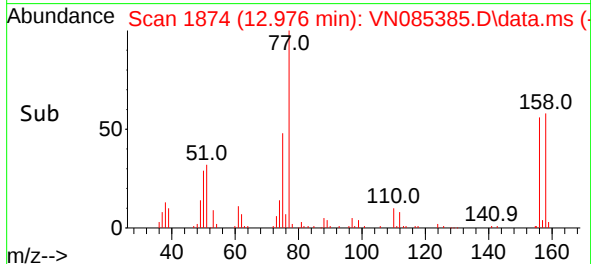
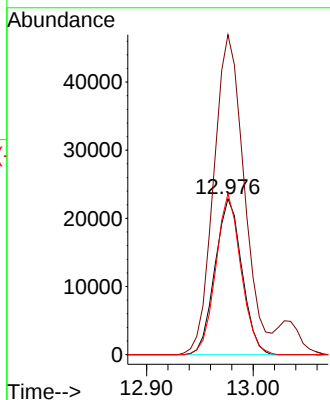
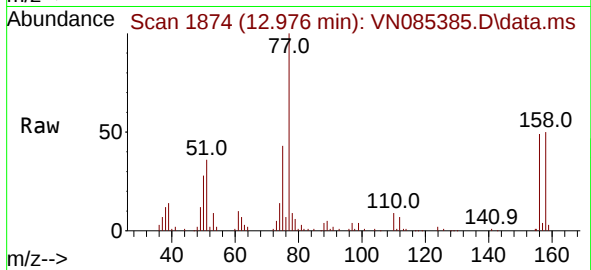




#77  
Bromobenzene  
Concen: 20.366 ug/l  
RT: 12.976 min Scan# 1874  
Delta R.T. 0.000 min  
Lab File: VN085385.D  
Acq: 06 Jan 2025 13:19

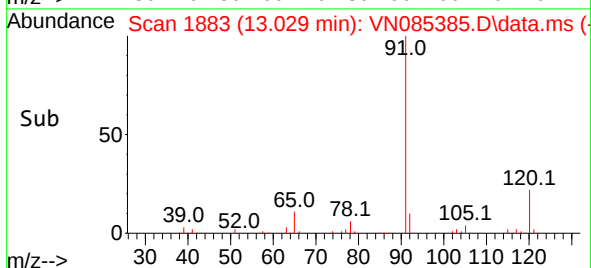
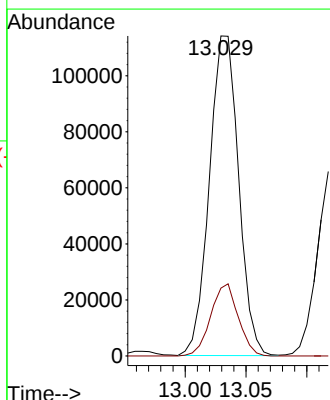
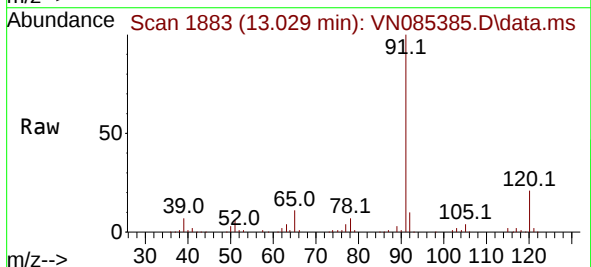
Instrument :  
MSVOA\_N  
ClientSampleId :

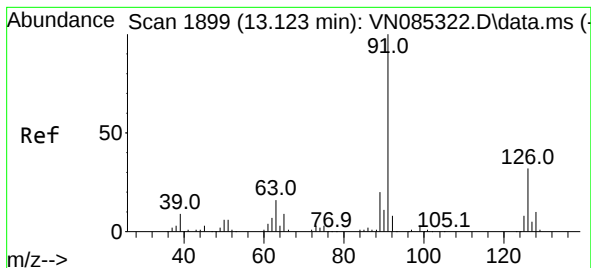
Tgt Ion:156 Resp: 40020  
Ion Ratio Lower Upper  
156 100  
77 233.6 114.0 342.0  
158 97.2 47.6 142.8



#78  
n-propylbenzene  
Concen: 20.620 ug/l  
RT: 13.029 min Scan# 1883  
Delta R.T. 0.000 min  
Lab File: VN085385.D  
Acq: 06 Jan 2025 13:19

Tgt Ion: 91 Resp: 190635  
Ion Ratio Lower Upper  
91 100  
120 21.2 10.9 32.9





#79

2-Chlorotoluene

Concen: 20.790 ug/l

RT: 13.123 min Scan# 11

Delta R.T. 0.000 min MSVOA\_N

Lab File: VN085385.D

Acq: 06 Jan 2025 13:19

Instrument :

MSVOA\_N

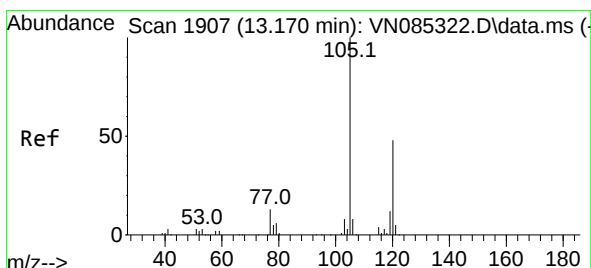
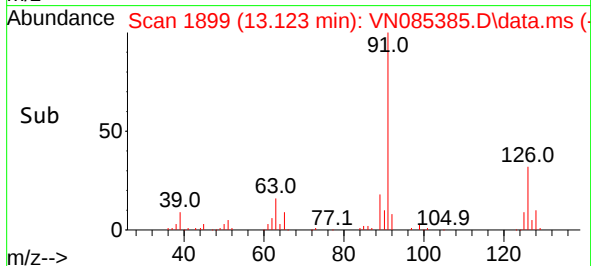
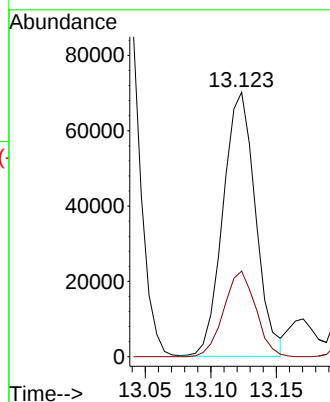
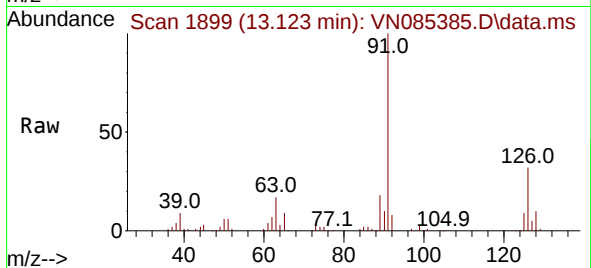
ClientSampleId :

Tgt Ion: 91 Resp: 120964

Ion Ratio Lower Upper

91 100

126 31.7 16.0 48.0



#80

1,3,5-Trimethylbenzene

Concen: 21.052 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN085385.D

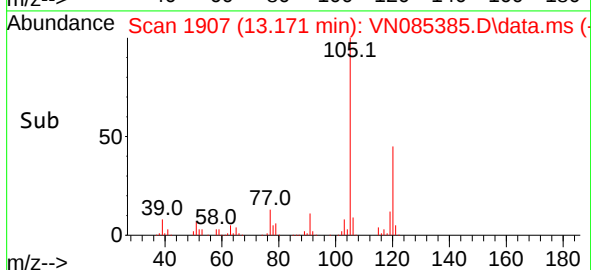
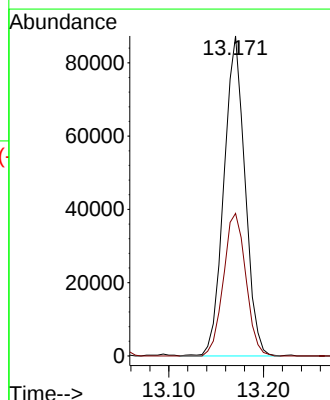
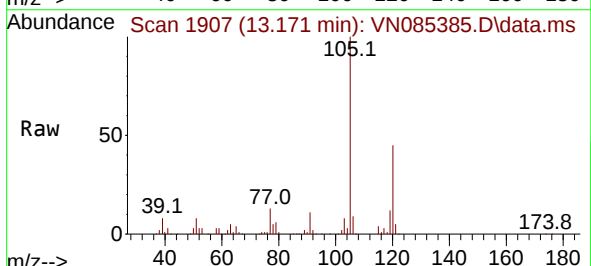
Acq: 06 Jan 2025 13:19

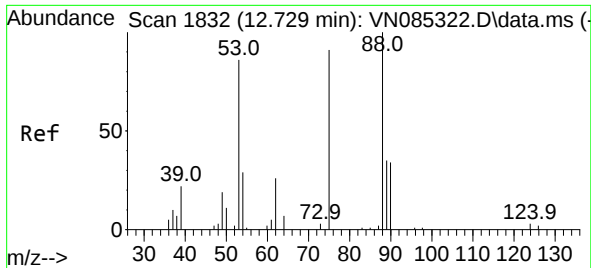
Tgt Ion:105 Resp: 135053

Ion Ratio Lower Upper

105 100

120 47.3 24.0 72.0

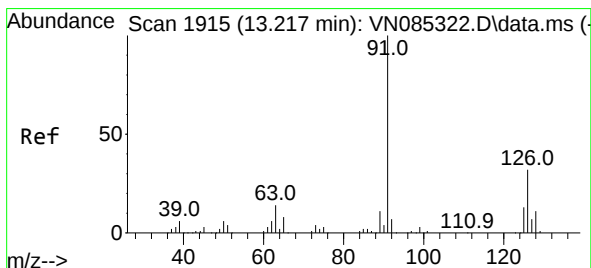
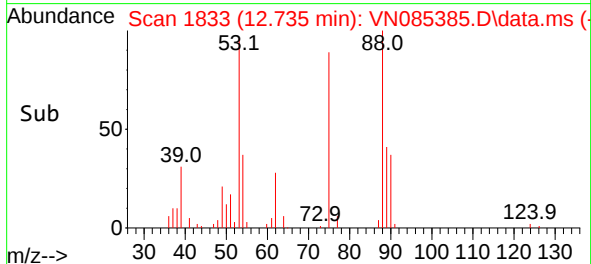
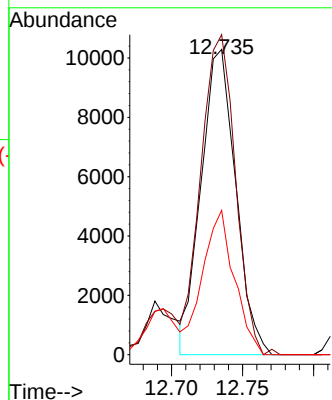
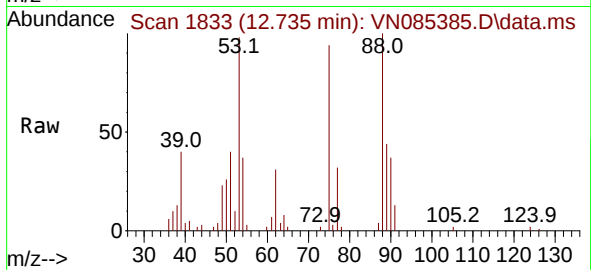




#81  
trans-1,4-Dichloro-2-butene  
Concen: 20.257 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. 0.006 min  
Lab File: VN085385.D  
Acq: 06 Jan 2025 13:19

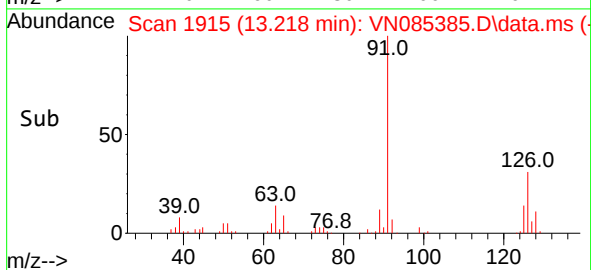
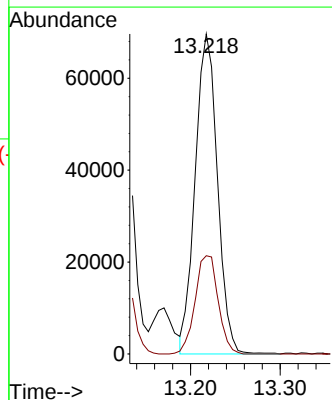
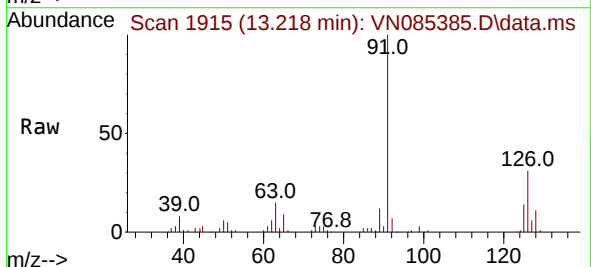
Instrument :  
MSVOA\_N  
ClientSampleId :

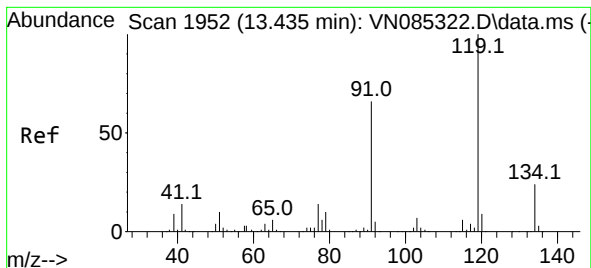
Tgt Ion: 75 Resp: 17421  
Ion Ratio Lower Upper  
75 100  
53 104.7 80.0 120.0  
89 43.8 35.8 53.8



#82  
4-Chlorotoluene  
Concen: 20.466 ug/l  
RT: 13.218 min Scan# 1915  
Delta R.T. 0.000 min  
Lab File: VN085385.D  
Acq: 06 Jan 2025 13:19

Tgt Ion: 91 Resp: 119932  
Ion Ratio Lower Upper  
91 100  
126 31.8 16.4 49.4





#83

tert-Butylbenzene

Concen: 19.533 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VN085385.D

Acq: 06 Jan 2025 13:19

Instrument :

MSVOA\_N

ClientSampleId :

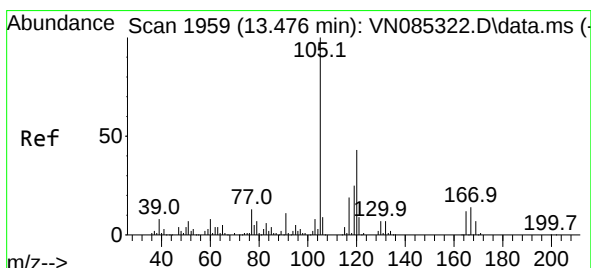
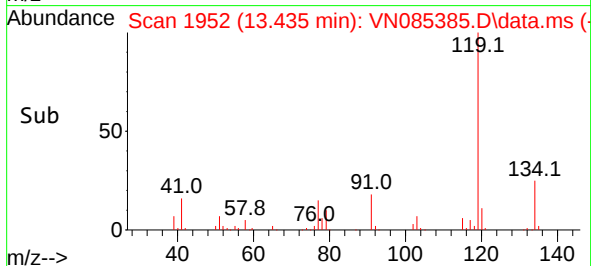
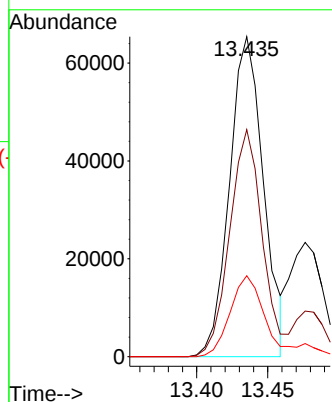
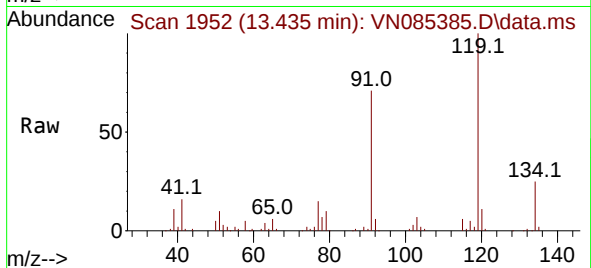
Tgt Ion:119 Resp: 108551

Ion Ratio Lower Upper

119 100

91 69.0 33.6 100.8

134 25.7 13.3 39.8



#84

1,2,4-Trimethylbenzene

Concen: 21.439 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. 0.000 min

Lab File: VN085385.D

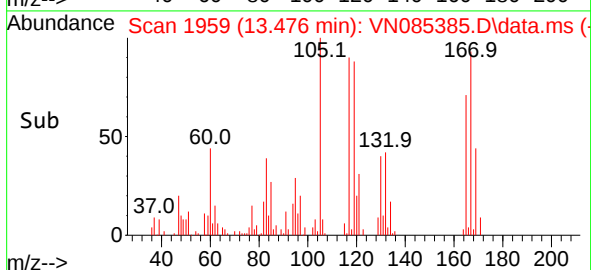
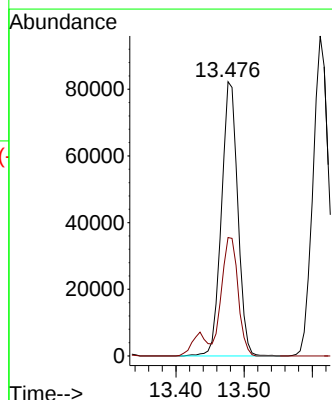
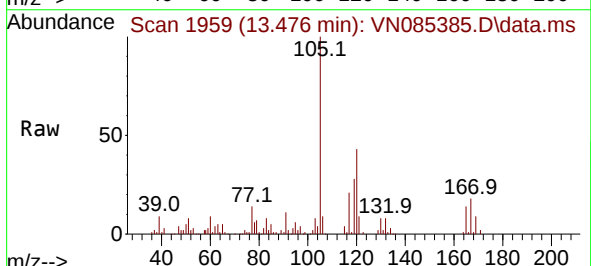
Acq: 06 Jan 2025 13:19

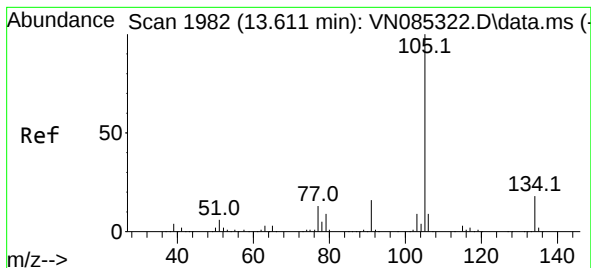
Tgt Ion:105 Resp: 136951

Ion Ratio Lower Upper

105 100

120 43.4 21.7 65.1





#85

sec-Butylbenzene

Concen: 20.112 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. 0.000 min

Lab File: VN085385.D

Acq: 06 Jan 2025 13:19

Instrument :

MSVOA\_N

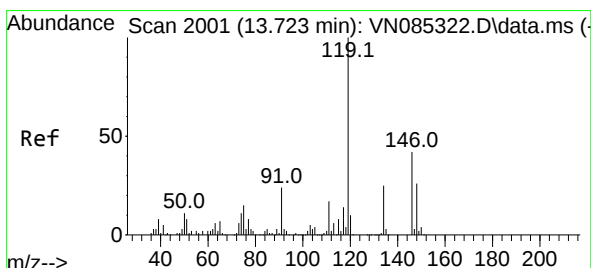
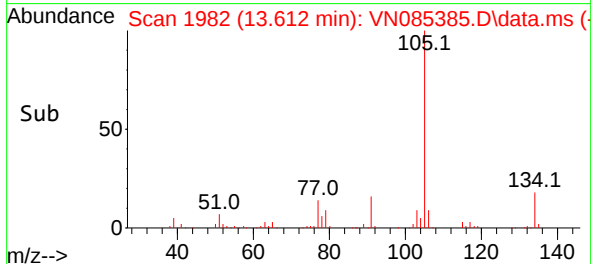
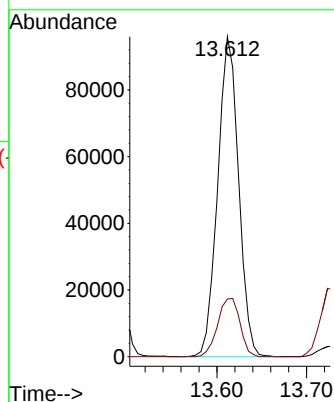
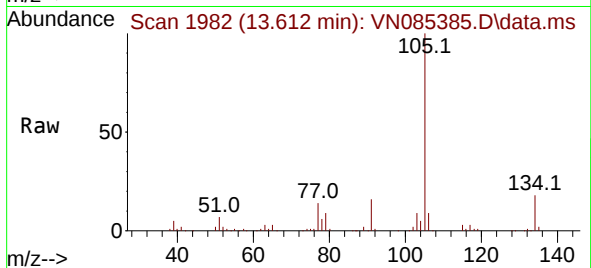
ClientSampleId :

Tgt Ion:105 Resp: 155137

Ion Ratio Lower Upper

105 100

134 19.4 9.4 28.3



#86

p-Isopropyltoluene

Concen: 18.945 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VN085385.D

Acq: 06 Jan 2025 13:19

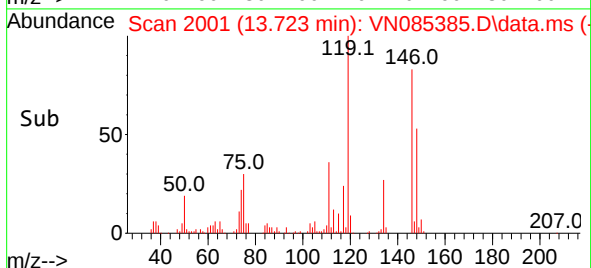
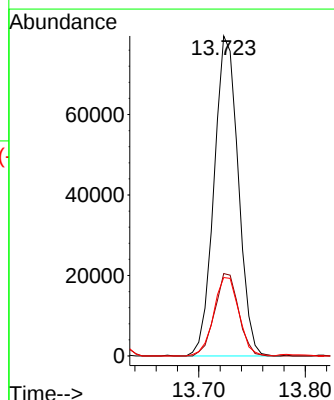
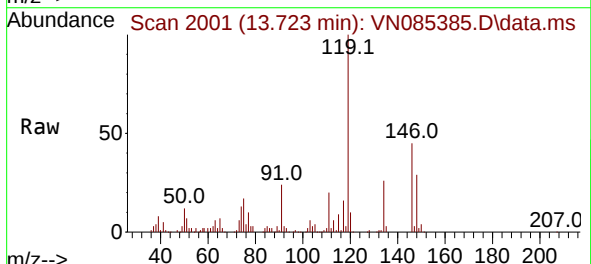
Tgt Ion:119 Resp: 125147

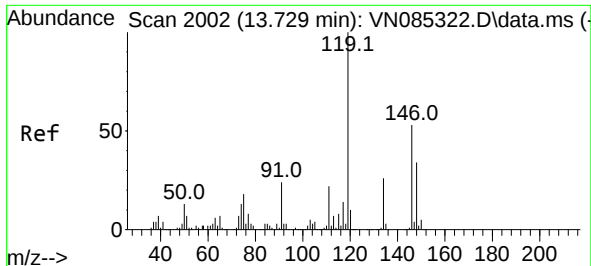
Ion Ratio Lower Upper

119 100

134 25.5 12.5 37.5

91 25.5 12.2 36.4

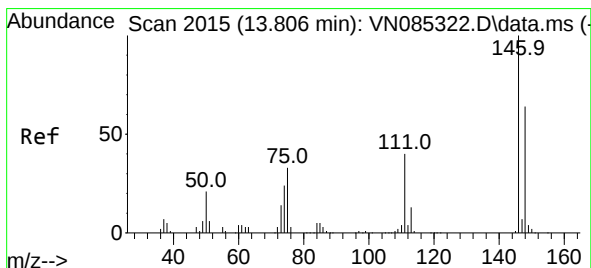
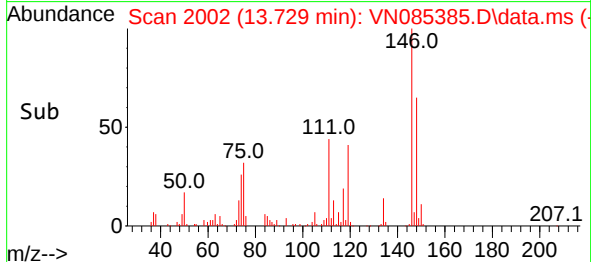
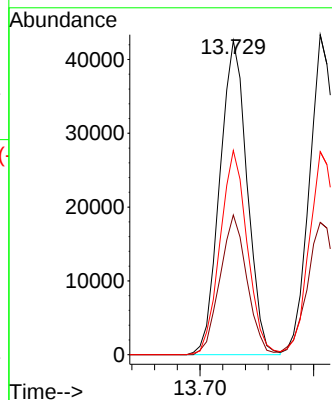
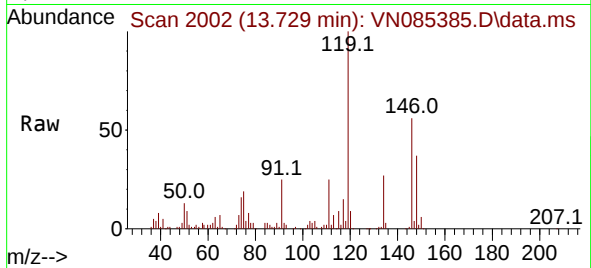




#87  
 1,3-Dichlorobenzene  
 Concen: 20.003 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. 0.000 min  
 Lab File: VN085385.D  
 Acq: 06 Jan 2025 13:19

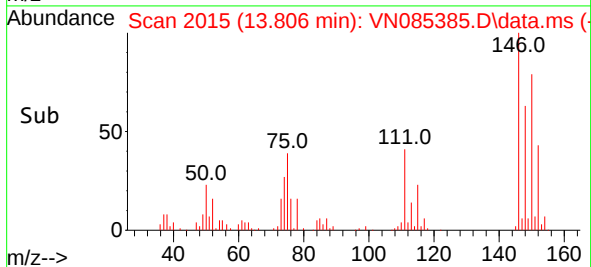
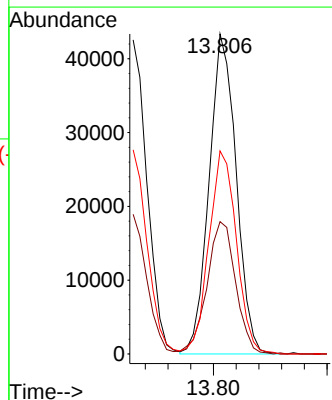
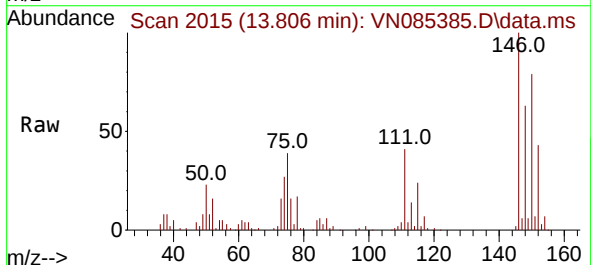
Instrument :  
 MSVOA\_N  
 ClientSampleId :

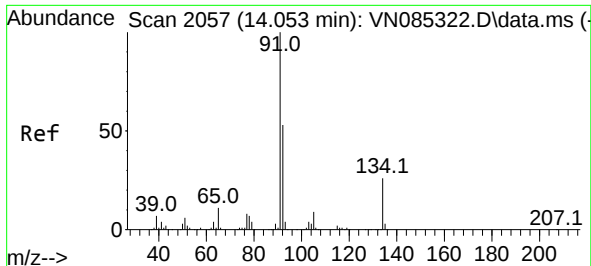
Tgt Ion:146 Resp: 71255  
 Ion Ratio Lower Upper  
 146 100  
 111 43.7 21.3 63.9  
 148 64.7 31.5 94.5



#88  
 1,4-Dichlorobenzene  
 Concen: 19.603 ug/l  
 RT: 13.806 min Scan# 2015  
 Delta R.T. 0.000 min  
 Lab File: VN085385.D  
 Acq: 06 Jan 2025 13:19

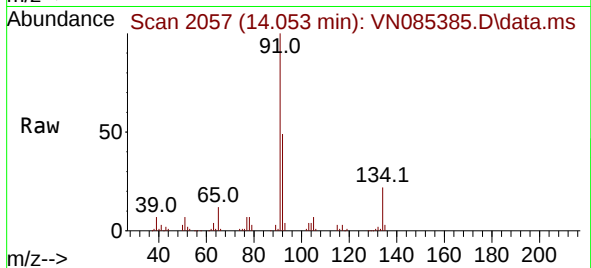
Tgt Ion:146 Resp: 71731  
 Ion Ratio Lower Upper  
 146 100  
 111 44.0 20.8 62.5  
 148 64.7 31.7 95.1



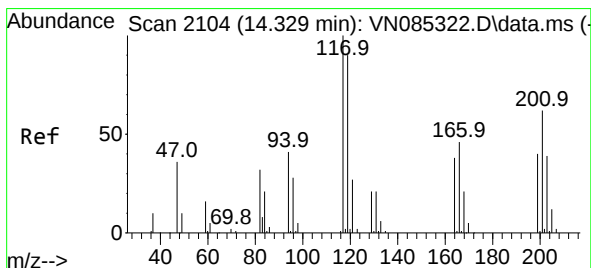
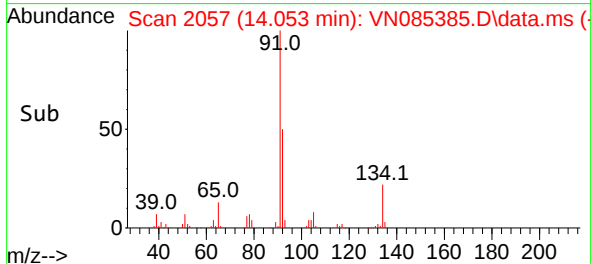
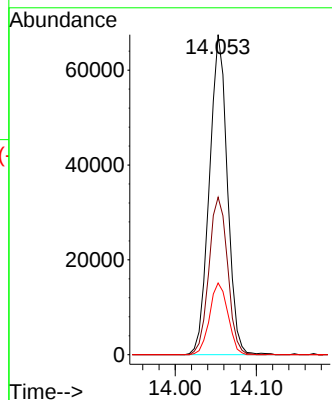


#89  
n-Butylbenzene  
Concen: 18.376 ug/l  
RT: 14.053 min Scan# 2057  
Delta R.T. 0.000 min  
Lab File: VN085385.D  
Acq: 06 Jan 2025 13:19

Instrument :  
MSVOA\_N  
ClientSampleId :

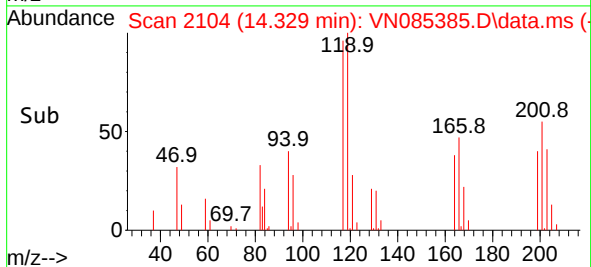
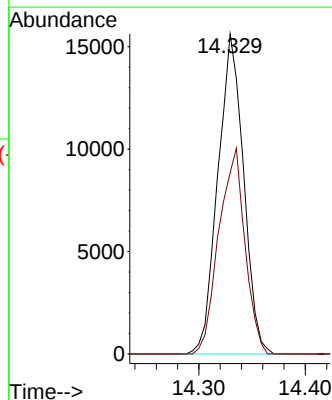
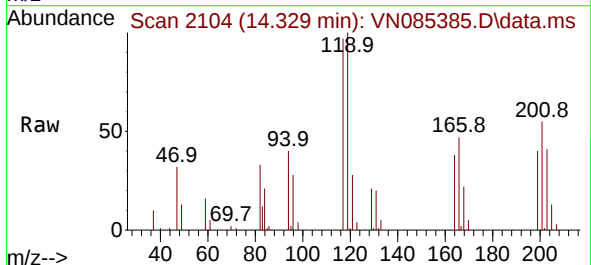


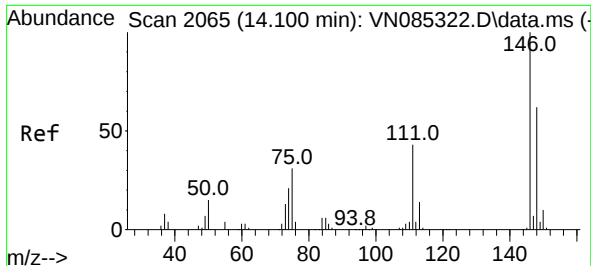
Tgt Ion: 91 Resp: 103799  
Ion Ratio Lower Upper  
91 100  
92 51.1 26.0 78.0  
134 22.8 12.1 36.3



#90  
Hexachloroethane  
Concen: 20.648 ug/l  
RT: 14.329 min Scan# 2104  
Delta R.T. 0.000 min  
Lab File: VN085385.D  
Acq: 06 Jan 2025 13:19

Tgt Ion: 117 Resp: 26108  
Ion Ratio Lower Upper  
117 100  
201 65.3 30.7 92.1

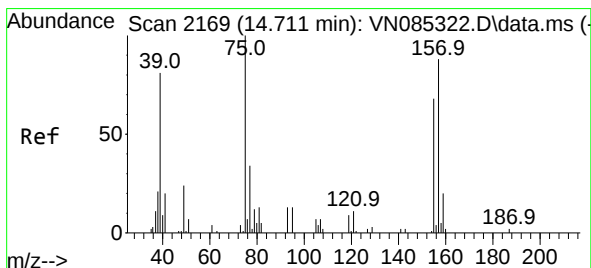
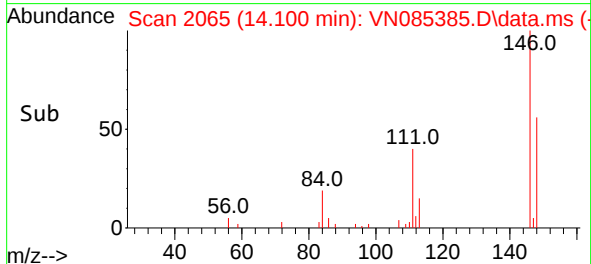
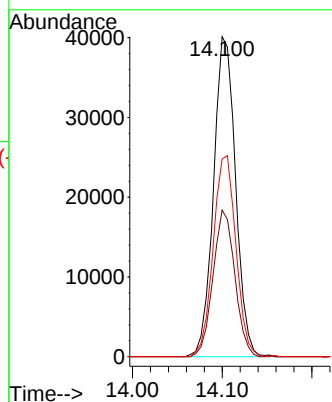
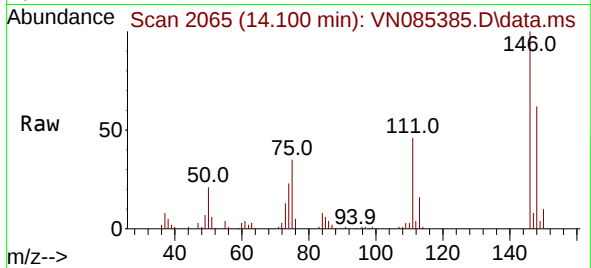




#91  
1,2-Dichlorobenzene  
Concen: 20.151 ug/l  
RT: 14.100 min Scan# 2065  
Delta R.T. 0.000 min  
Lab File: VN085385.D  
Acq: 06 Jan 2025 13:19

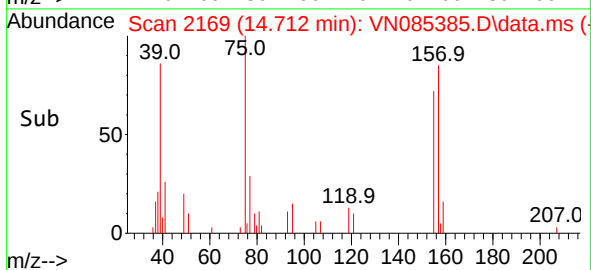
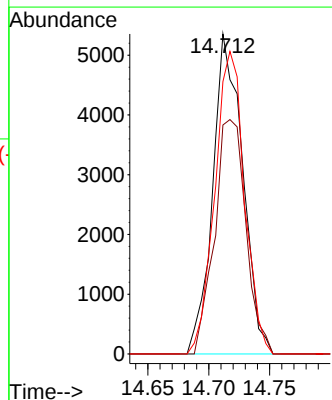
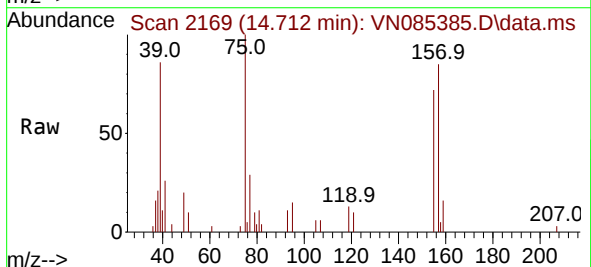
Instrument :  
MSVOA\_N  
ClientSampleId :

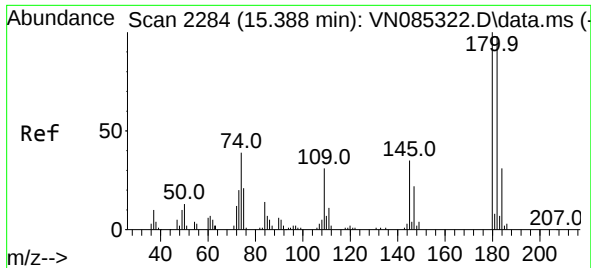
Tgt Ion:146 Resp: 68380  
Ion Ratio Lower Upper  
146 100  
111 45.4 21.8 65.3  
148 64.8 31.4 94.2



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 20.319 ug/l  
RT: 14.712 min Scan# 2169  
Delta R.T. 0.000 min  
Lab File: VN085385.D  
Acq: 06 Jan 2025 13:19

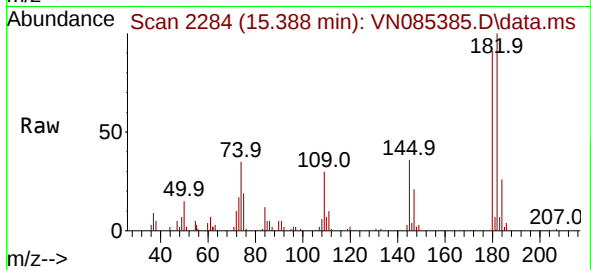
Tgt Ion: 75 Resp: 9135  
Ion Ratio Lower Upper  
75 100  
155 77.0 35.6 106.9  
157 94.0 47.0 141.0





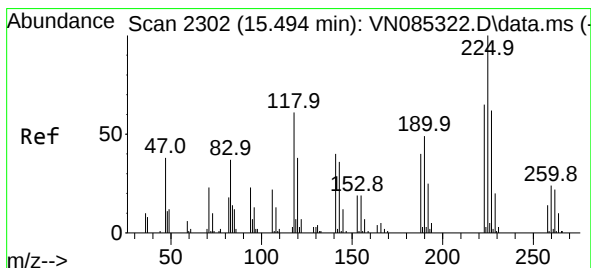
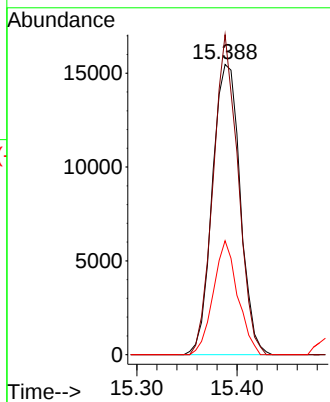
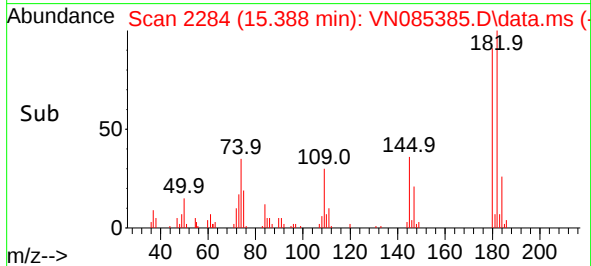
#93  
 1,2,4-Trichlorobenzene  
 Concen: 17.580 ug/l  
 RT: 15.388 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VN085385.D  
 Acq: 06 Jan 2025 13:19

Instrument :  
 MSVOA\_N  
 ClientSampleId :

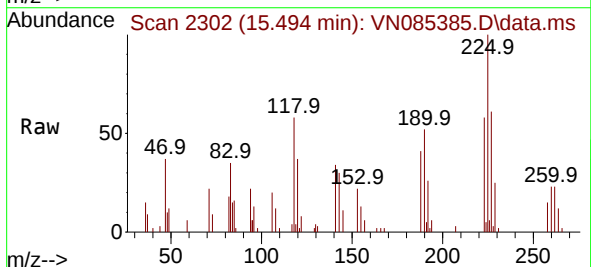


Tgt Ion:180 Resp: 29773  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 98.5  | 47.2  | 141.6 |
| 145 | 34.6  | 16.6  | 49.8  |

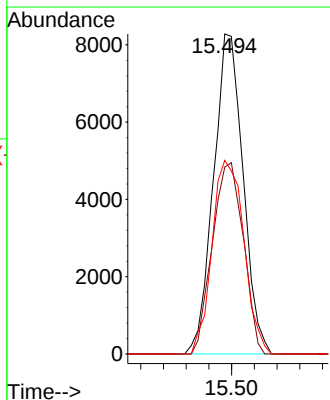
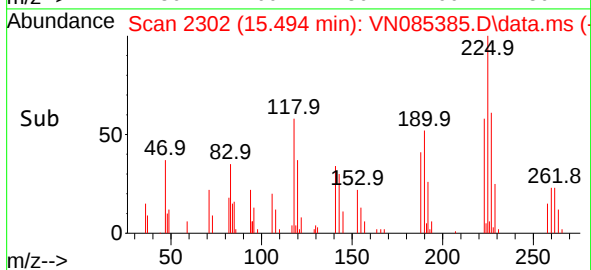


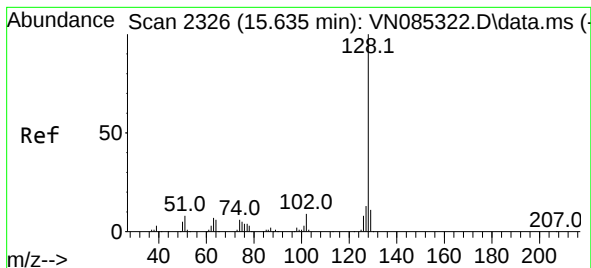
#94  
 Hexachlorobutadiene  
 Concen: 17.783 ug/l  
 RT: 15.494 min Scan# 2302  
 Delta R.T. 0.000 min  
 Lab File: VN085385.D  
 Acq: 06 Jan 2025 13:19



Tgt Ion:225 Resp: 14964  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 225 | 100   |       |       |
| 223 | 62.6  | 31.6  | 94.7  |
| 227 | 65.1  | 30.3  | 91.0  |





#95

Naphthalene

Concen: 15.555 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. 0.000 min

Lab File: VN085385.D

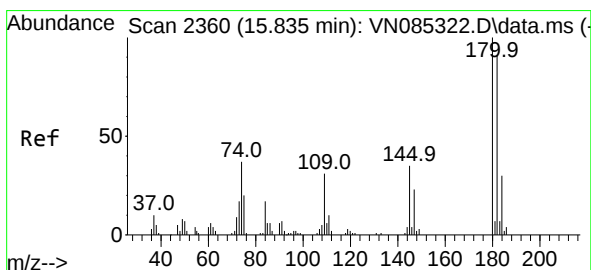
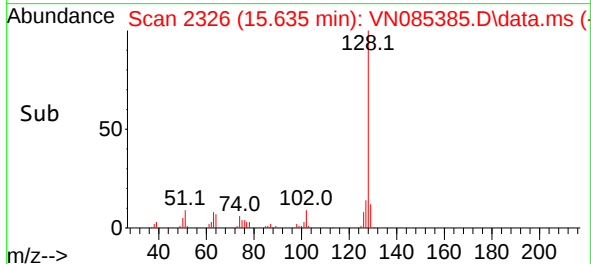
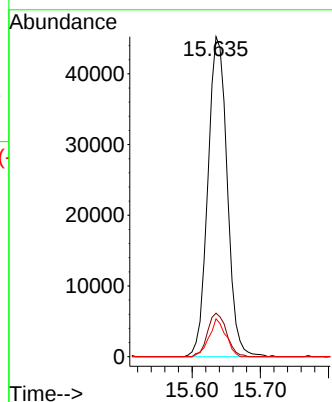
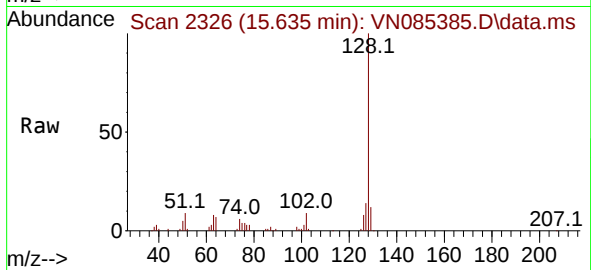
Acq: 06 Jan 2025 13:19

Instrument :

MSVOA\_N

ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 89332 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 127       | 13.4  | 10.6  | 16.0  |
| 129       | 10.2  | 8.5   | 12.7  |



#96

1,2,3-Trichlorobenzene

Concen: 17.941 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN085385.D

Acq: 06 Jan 2025 13:19

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 30358 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 92.2  | 46.8  | 140.4 |
| 145       | 32.9  | 17.2  | 51.6  |

