

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN111022\  
 Data File : VN075231.D  
 Acq On : 10 Nov 2022 13:35  
 Operator : JC\MD  
 Sample : VN1110WBSD01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1110WBSD01

Quant Time: Nov 11 04:09:42 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N102622W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 27 09:48:49 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.230  | 168  | 109323   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.106  | 114  | 198667   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 180638   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.788 | 152  | 85435    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.583  | 65    | 70104    | 47.593   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 95.180%  |
| 35) Dibromofluoromethane    | 8.171  | 113   | 58896    | 50.499   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 101.000% |
| 50) Toluene-d8              | 10.565 | 98    | 216215   | 47.784   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 95.560%  |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 77676    | 48.869   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 97.740%  |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.136 | 85  | 23604  | 16.597  | ug/l   | 99  |
| 3) Chloromethane             | 2.371 | 50  | 23806  | 15.759  | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.524 | 62  | 32886  | 15.260  | ug/l   | 100 |
| 5) Bromomethane              | 2.942 | 94  | 26653  | 13.755  | ug/l   | 97  |
| 6) Chloroethane              | 3.118 | 64  | 23349  | 15.110  | ug/l   | 96  |
| 7) Trichlorofluoromethane    | 3.500 | 101 | 40556  | 18.423  | ug/l   | 98  |
| 8) Diethyl Ether             | 3.977 | 74  | 15477  | 19.275  | ug/l   | 97  |
| 9) 1,1,2-Trichlorotrifluo... | 4.383 | 101 | 23746  | 19.532  | ug/l   | 99  |
| 10) Methyl Iodide            | 4.600 | 142 | 32160  | 17.769  | ug/l   | 99  |
| 11) Tert butyl alcohol       | 5.547 | 59  | 30853  | 89.817  | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 4.348 | 96  | 20587  | 17.765  | ug/l   | 94  |
| 13) Acrolein                 | 4.189 | 56  | 19700  | 70.114  | ug/l   | 98  |
| 14) Allyl chloride           | 5.042 | 41  | 31098  | 18.374  | ug/l   | 94  |
| 15) Acrylonitrile            | 5.730 | 53  | 71481  | 98.508  | ug/l   | 99  |
| 16) Acetone                  | 4.436 | 43  | 62763  | 100.629 | ug/l   | 90  |
| 17) Carbon Disulfide         | 4.718 | 76  | 42986  | 14.751  | ug/l   | 99  |
| 18) Methyl Acetate           | 5.036 | 43  | 45065  | 22.120  | ug/l   | 97  |
| 19) Methyl tert-butyl Ether  | 5.812 | 73  | 84830  | 19.695  | ug/l   | 95  |
| 20) Methylene Chloride       | 5.294 | 84  | 26537  | 19.083  | ug/l   | 91  |
| 21) trans-1,2-Dichloroethene | 5.794 | 96  | 22579  | 17.795  | ug/l   | 97  |
| 22) Diisopropyl ether        | 6.683 | 45  | 68824  | 18.426  | ug/l   | 92  |
| 23) Vinyl Acetate            | 6.612 | 43  | 248593 | 79.703  | ug/l   | 98  |
| 24) 1,1-Dichloroethane       | 6.583 | 63  | 45085  | 19.085  | ug/l   | 97  |
| 25) 2-Butanone               | 7.488 | 43  | 95457  | 97.303  | ug/l   | 96  |
| 26) 2,2-Dichloropropane      | 7.494 | 77  | 40065  | 18.436  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 7.494 | 96  | 28712  | 18.949  | ug/l   | 96  |
| 28) Bromochloromethane       | 7.824 | 49  | 18705  | 18.784  | ug/l   | 93  |
| 29) Tetrahydrofuran          | 7.847 | 42  | 61117  | 96.410  | ug/l   | 97  |
| 30) Chloroform               | 7.977 | 83  | 49998  | 19.494  | ug/l   | 97  |
| 31) Cyclohexane              | 8.259 | 56  | 39225  | 17.905  | ug/l   | 96  |
| 32) 1,1,1-Trichloroethane    | 8.171 | 97  | 43995  | 18.889  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 8.377 | 75  | 34707  | 19.222  | ug/l   | 98  |
| 37) Ethyl Acetate            | 7.571 | 43  | 38864  | 19.627  | ug/l   | 98  |
| 38) Carbon Tetrachloride     | 8.365 | 117 | 38691  | 19.480  | ug/l   | 96  |
| 39) Methylcyclohexane        | 9.606 | 83  | 41891  | 17.574  | ug/l   | 96  |
| 40) Benzene                  | 8.612 | 78  | 105100 | 19.011  | ug/l   | 99  |

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 Sample : VN1110WBSD01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1110WBSD01

Quant Time: Nov 11 04:09:42 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N102622W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 27 09:48:49 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.788  | 41   | 17819    | 18.783  | ug/l   | 89       |
| 42) 1,2-Dichloroethane        | 8.677  | 62   | 39415    | 19.596  | ug/l   | 97       |
| 43) Isopropyl Acetate         | 8.694  | 43   | 59029    | 19.218  | ug/l   | 98       |
| 44) Trichloroethene           | 9.353  | 130  | 28198    | 20.330  | ug/l   | 93       |
| 45) 1,2-Dichloropropane       | 9.624  | 63   | 25879    | 19.670  | ug/l   | 98       |
| 46) Dibromomethane            | 9.706  | 93   | 20675    | 20.170  | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.894  | 83   | 39558    | 19.929  | ug/l   | 92       |
| 48) Methyl methacrylate       | 9.682  | 41   | 26507    | 18.813  | ug/l   | 96       |
| 49) 1,4-Dioxane               | 9.700  | 88   | 14886    | 403.472 | ug/l # | 95       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 194088   | 97.923  | ug/l   | 98       |
| 52) Toluene                   | 10.629 | 92   | 69528    | 18.814  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 41035    | 19.586  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 43493    | 19.572  | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 29393    | 20.059  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.876 | 69   | 43108    | 19.286  | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 11.159 | 76   | 49132    | 20.134  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.165 | 63   | 88291    | 102.174 | ug/l   | 98       |
| 59) 2-Hexanone                | 11.194 | 43   | 145403   | 96.658  | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.359 | 129  | 30900    | 19.987  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 30327    | 20.195  | ug/l   | 100      |
| 64) Tetrachloroethene         | 11.106 | 164  | 28765    | 25.974  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.894 | 112  | 75654    | 19.621  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 29153    | 20.382  | ug/l   | 100      |
| 67) Ethyl Benzene             | 11.965 | 91   | 133922   | 19.305  | ug/l   | 96       |
| 68) m/p-Xylenes               | 12.071 | 106  | 109953   | 39.502  | ug/l   | 98       |
| 69) o-Xylene                  | 12.400 | 106  | 52844    | 19.197  | ug/l   | 100      |
| 70) Styrene                   | 12.412 | 104  | 83744    | 19.080  | ug/l   | 99       |
| 71) Bromoform                 | 12.582 | 173  | 21091    | 19.695  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.694 | 105  | 136763   | 19.940  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.494 | 43   | 46143    | 18.190  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 43653    | 19.757  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 57781    | 31.853  | ug/l   | 73       |
| 77) Bromobenzene              | 12.982 | 156  | 31522    | 20.872  | ug/l   | 99       |
| 78) n-propylbenzene           | 13.035 | 91   | 153726   | 19.963  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 94096    | 19.996  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 118405   | 20.553  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 13063    | 18.485  | ug/l   | 94       |
| 82) 4-Chlorotoluene           | 13.129 | 91   | 94096    | 19.996  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 102181   | 19.961  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 118983   | 20.413  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.617 | 105  | 145593   | 20.332  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 118243   | 19.994  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.729 | 146  | 59858    | 20.243  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 58894    | 20.125  | ug/l   | 96       |
| 89) n-Butylbenzene            | 14.059 | 91   | 96031    | 20.164  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.335 | 117  | 21040    | 19.404  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 62303    | 21.194  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 9489     | 20.510  | ug/l   | 93       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 28375    | 22.431  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 13459    | 21.825  | ug/l   | 99       |
| 95) Naphthalene               | 15.641 | 128  | 105606   | 21.709  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 27647    | 21.996  | ug/l   | 99       |

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Operator : JC\MD  
Sample : VN1110WBSD01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1110WBSD01

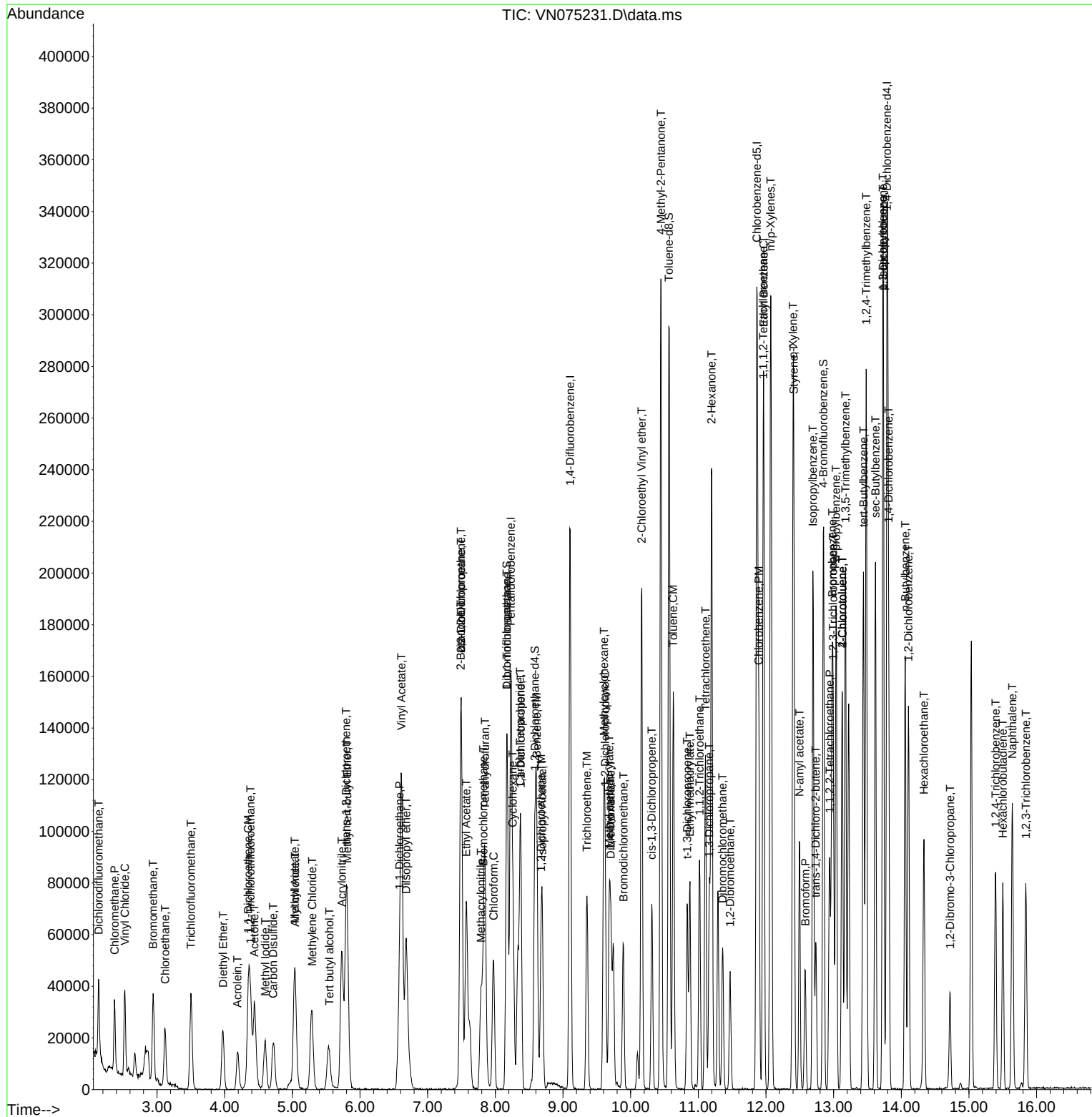
Quant Time: Nov 11 04:09:42 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N102622W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 27 09:48:49 2022  
Response via : Initial Calibration

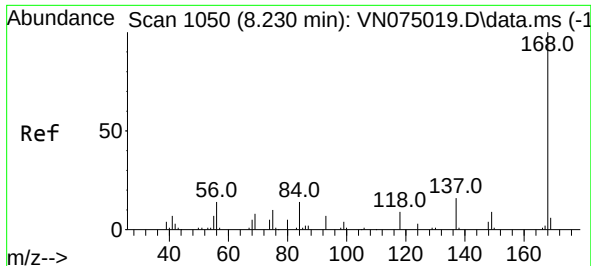
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

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

**Instrument :**  
MSVOA\_N  
**ClientSampleId :**  
VN1110WBSD01

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Quant Title : SW846 8260  
QLast Update : Thu Oct 27 09:48:49 2022  
Response via : Initial Calibration

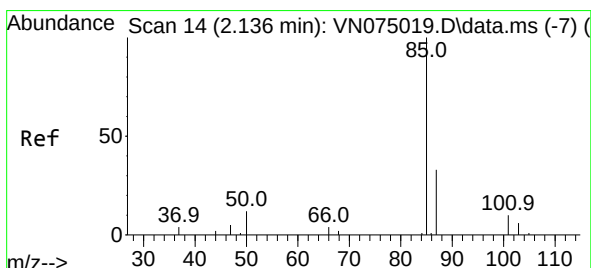
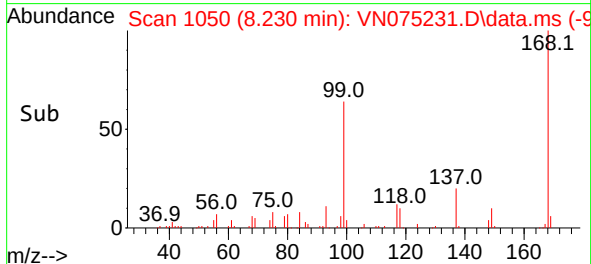
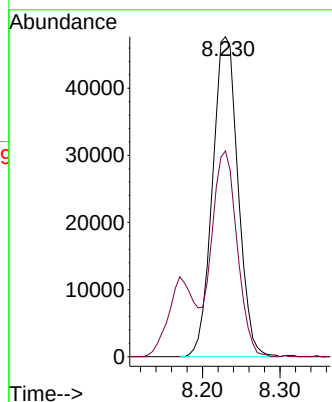
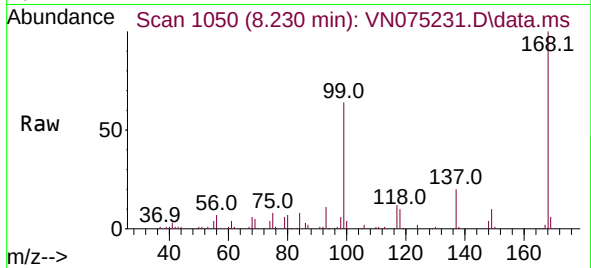




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 10  
Delta R.T. -0.000 min  
Lab File: VN075231.D  
Acq: 10 Nov 2022 13:35

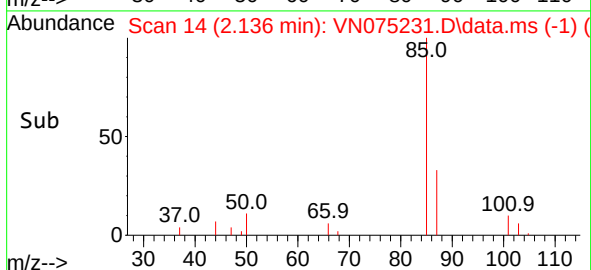
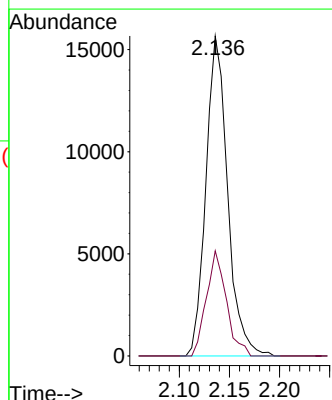
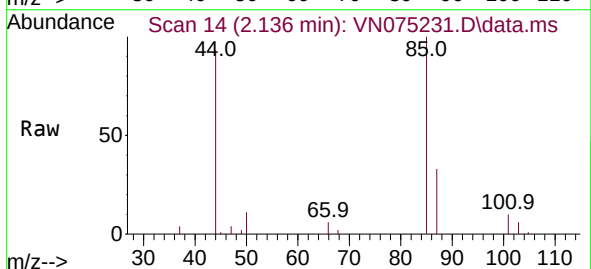
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1110WBSD01

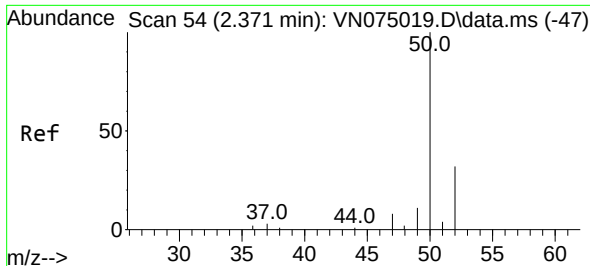
Tgt Ion:168 Resp: 109323  
Ion Ratio Lower Upper  
168 100  
99 64.3 51.6 77.4



#2  
Dichlorodifluoromethane  
Concen: 16.597 ug/l  
RT: 2.136 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VN075231.D  
Acq: 10 Nov 2022 13:35

Tgt Ion: 85 Resp: 23604  
Ion Ratio Lower Upper  
85 100  
87 32.8 16.7 50.0

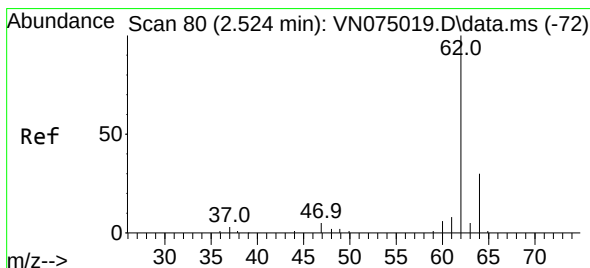
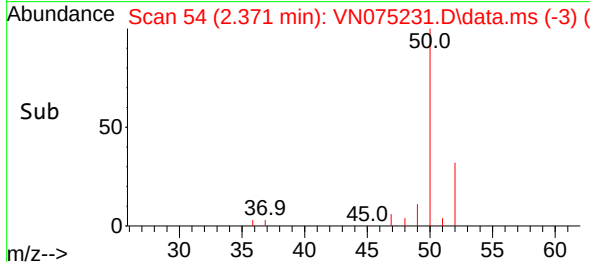
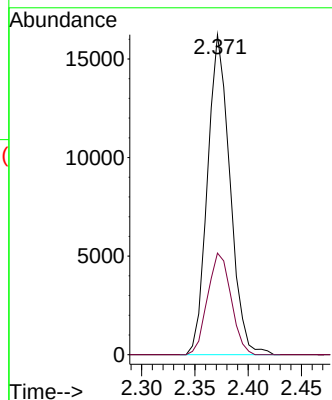
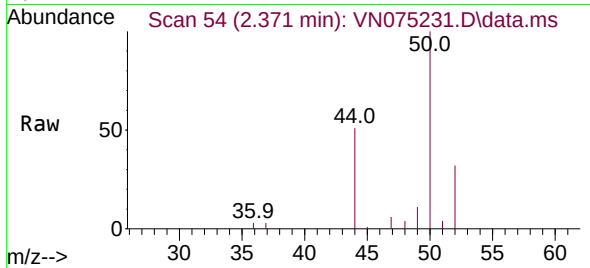




#3  
Chloromethane  
Concen: 15.759 ug/l  
RT: 2.371 min Scan# 54  
Delta R.T. 0.000 min  
Lab File: VN075231.D  
Acq: 10 Nov 2022 13:35

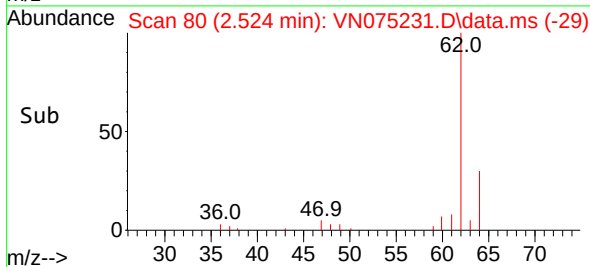
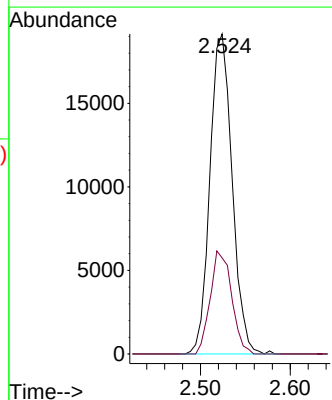
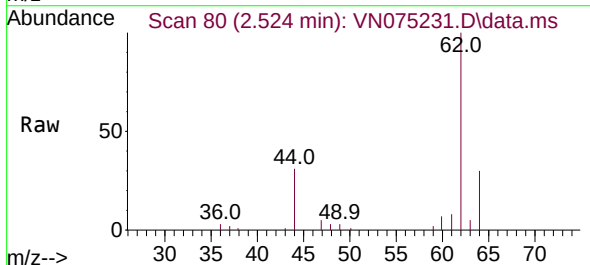
Instrument :  
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ClientSampleId :  
VN1110WBSD01

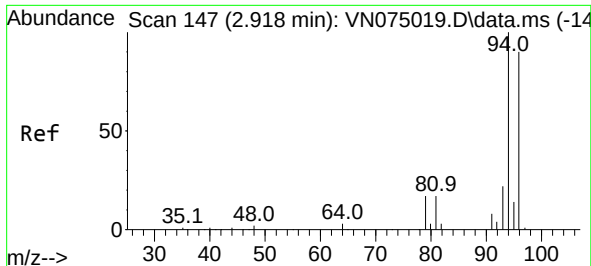
Tgt Ion: 50 Resp: 23806  
Ion Ratio Lower Upper  
50 100  
52 31.8 25.8 38.6



#4  
Vinyl Chloride  
Concen: 15.260 ug/l  
RT: 2.524 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: VN075231.D  
Acq: 10 Nov 2022 13:35

Tgt Ion: 62 Resp: 32886  
Ion Ratio Lower Upper  
62 100  
64 30.0 24.0 36.0

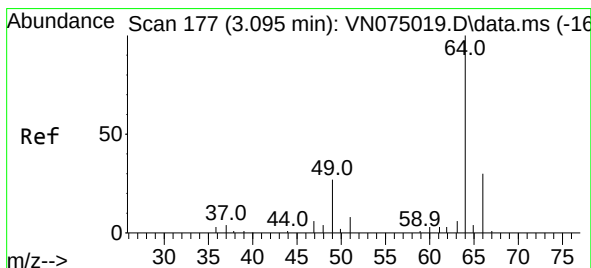
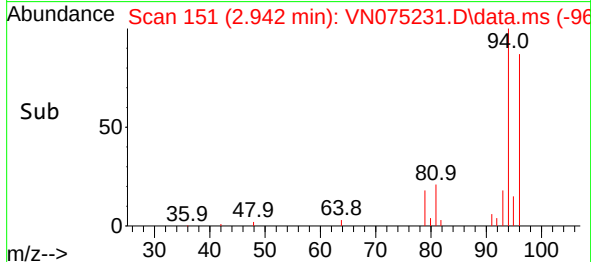
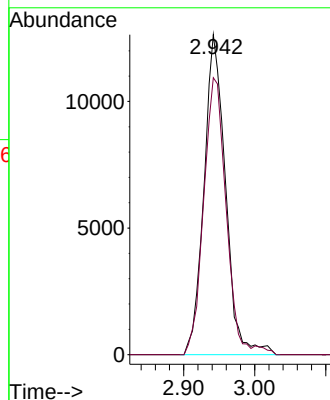
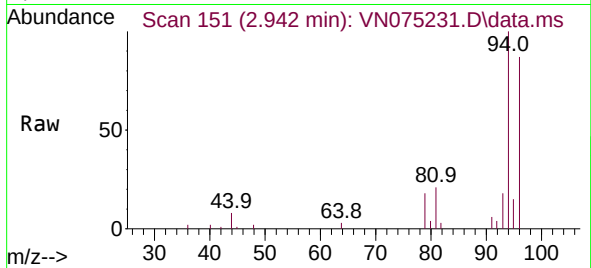




#5  
Bromomethane  
Concen: 13.755 ug/l  
RT: 2.942 min Scan# 11  
Delta R.T. 0.024 min  
Lab File: VN075231.D  
Acq: 10 Nov 2022 13:35

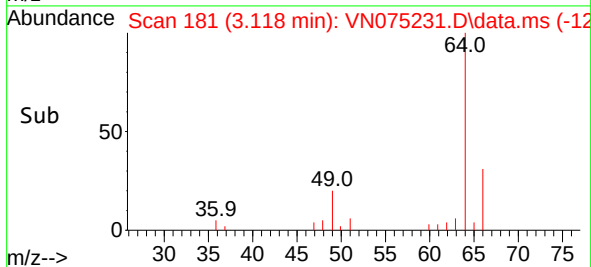
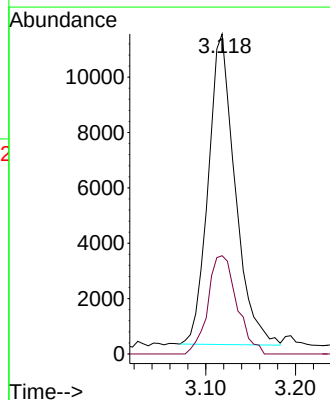
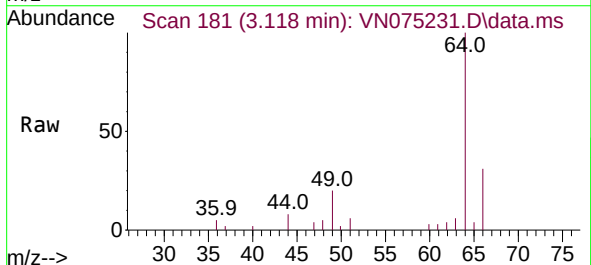
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1110WBSD01

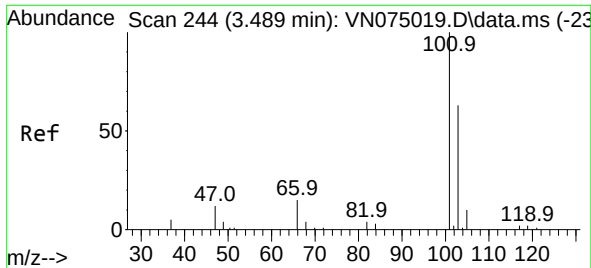
Tgt Ion: 94 Resp: 26653  
Ion Ratio Lower Upper  
94 100  
96 86.6 71.8 107.6



#6  
Chloroethane  
Concen: 15.110 ug/l  
RT: 3.118 min Scan# 181  
Delta R.T. 0.023 min  
Lab File: VN075231.D  
Acq: 10 Nov 2022 13:35

Tgt Ion: 64 Resp: 23349  
Ion Ratio Lower Upper  
64 100  
66 31.7 23.8 35.8

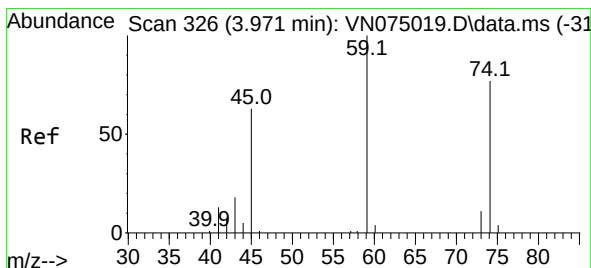
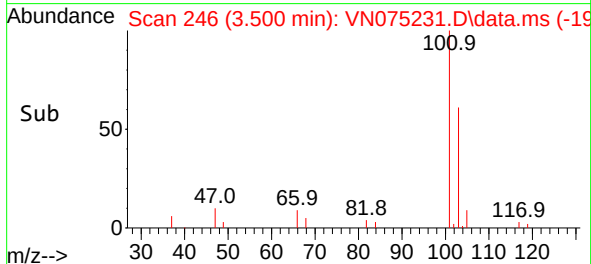
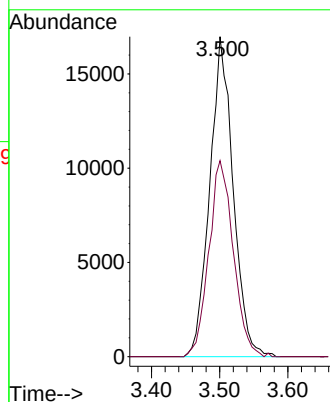
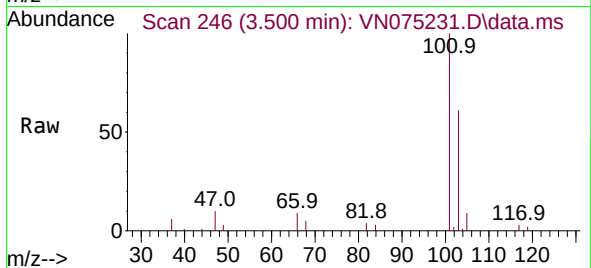




#7  
 Trichlorofluoromethane  
 Concen: 18.423 ug/l  
 RT: 3.500 min Scan# 244  
 Delta R.T. 0.011 min  
 Lab File: VN075231.D  
 Acq: 10 Nov 2022 13:35

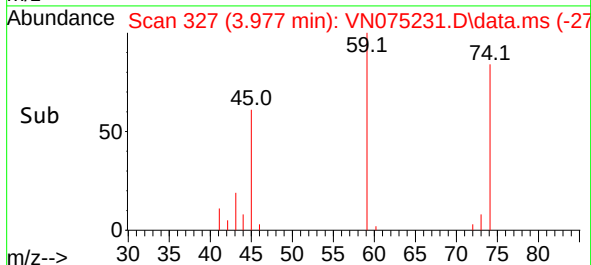
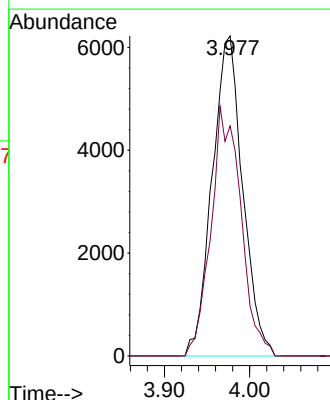
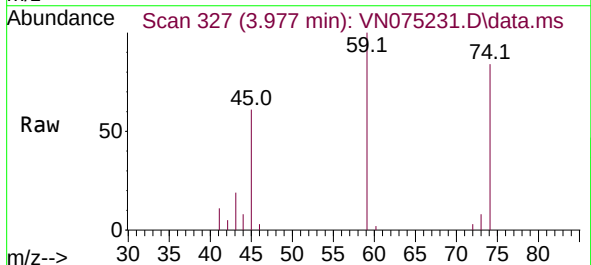
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1110WBSD01

Tgt Ion:101 Resp: 40556  
 Ion Ratio Lower Upper  
 101 100  
 103 61.3 50.5 75.7

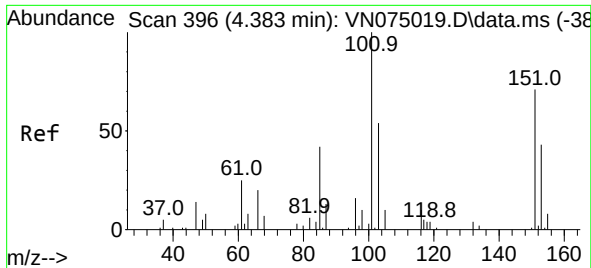


#8  
 Diethyl Ether  
 Concen: 19.275 ug/l  
 RT: 3.977 min Scan# 327  
 Delta R.T. 0.006 min  
 Lab File: VN075231.D  
 Acq: 10 Nov 2022 13:35

Tgt Ion: 74 Resp: 15477  
 Ion Ratio Lower Upper  
 74 100  
 45 76.3 39.3 117.9



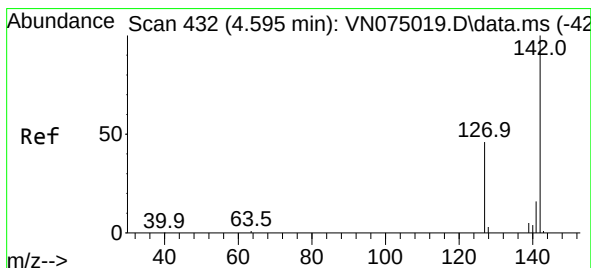
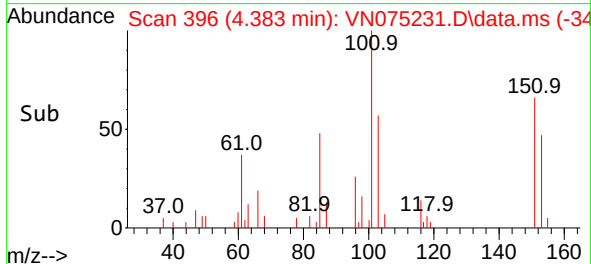
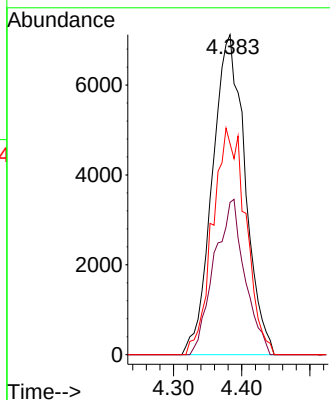
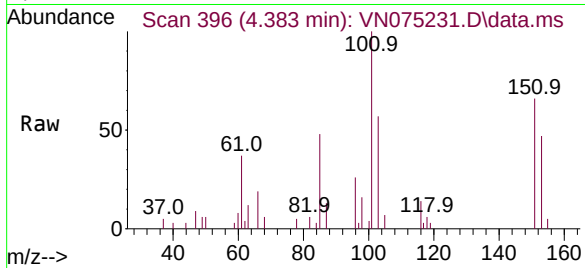




#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 19.532 ug/l  
 RT: 4.383 min Scan# 396  
 Delta R.T. -0.000 min  
 Lab File: VN075231.D  
 Acq: 10 Nov 2022 13:35

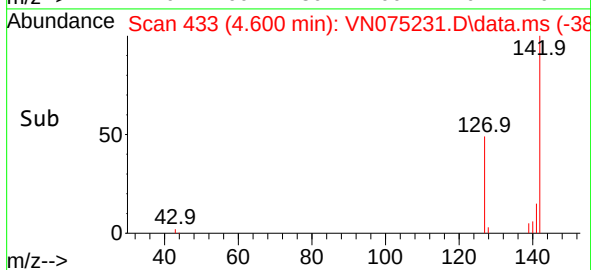
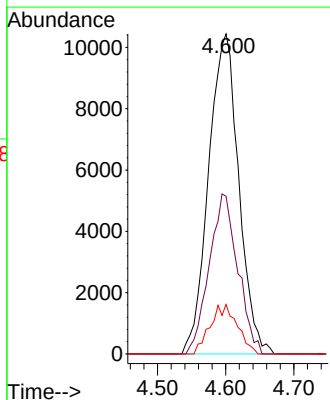
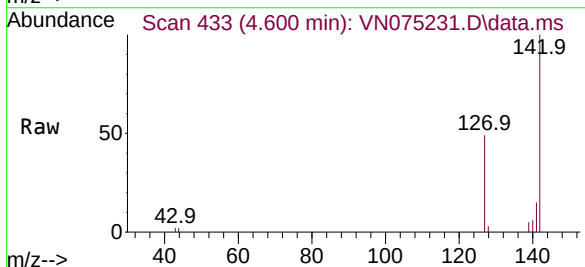
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1110WBSD01

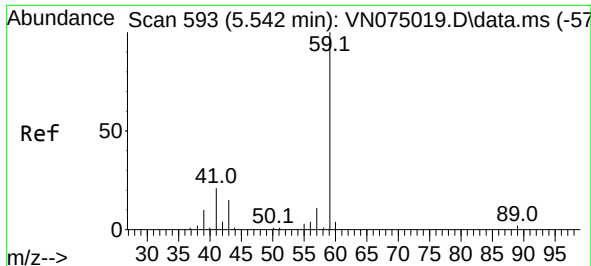
Tgt Ion:101 Resp: 23746  
 Ion Ratio Lower Upper  
 101 100  
 85 45.5 37.6 56.4  
 151 72.1 58.3 87.5



#10  
 Methyl Iodide  
 Concen: 17.769 ug/l  
 RT: 4.600 min Scan# 433  
 Delta R.T. 0.005 min  
 Lab File: VN075231.D  
 Acq: 10 Nov 2022 13:35

Tgt Ion:142 Resp: 32160  
 Ion Ratio Lower Upper  
 142 100  
 127 47.3 38.0 57.0  
 141 13.9 12.2 18.4

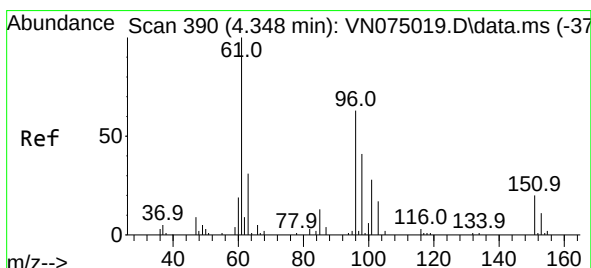
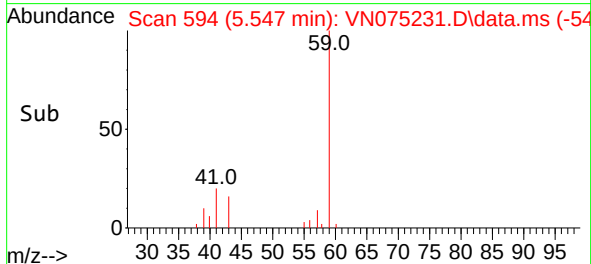
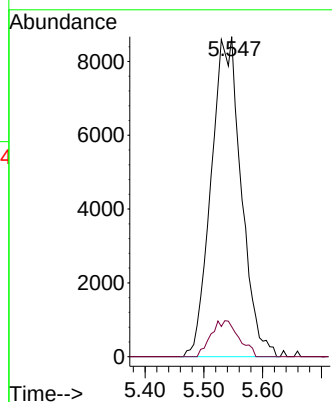
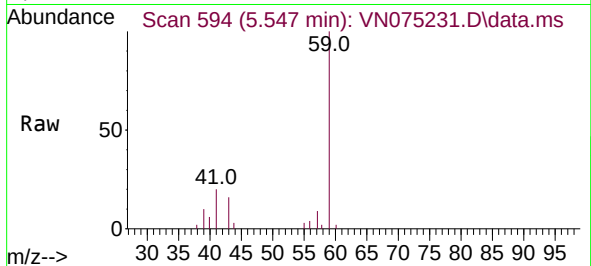




#11  
Tert butyl alcohol  
Concen: 89.817 ug/l  
RT: 5.547 min Scan# 59  
Delta R.T. 0.005 min  
Lab File: VN075231.D  
Acq: 10 Nov 2022 13:35

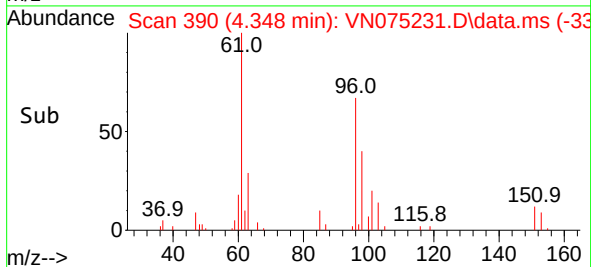
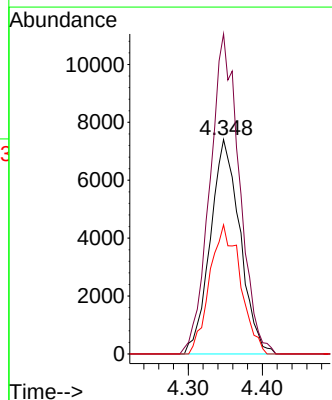
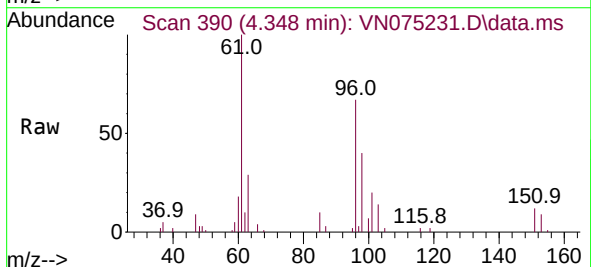
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1110WBSD01

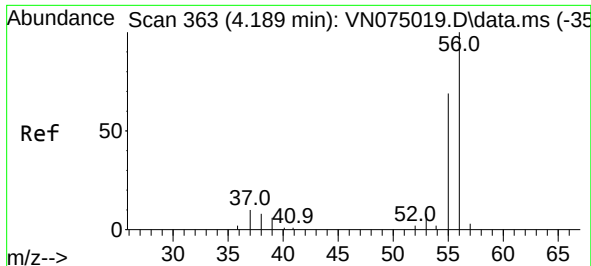
Tgt Ion: 59 Resp: 30853  
Ion Ratio Lower Upper  
59 100  
57 10.4 8.5 12.7



#12  
1,1-Dichloroethene  
Concen: 17.765 ug/l  
RT: 4.348 min Scan# 390  
Delta R.T. -0.000 min  
Lab File: VN075231.D  
Acq: 10 Nov 2022 13:35

Tgt Ion: 96 Resp: 20587  
Ion Ratio Lower Upper  
96 100  
61 149.3 126.2 189.4  
98 60.2 51.5 77.3

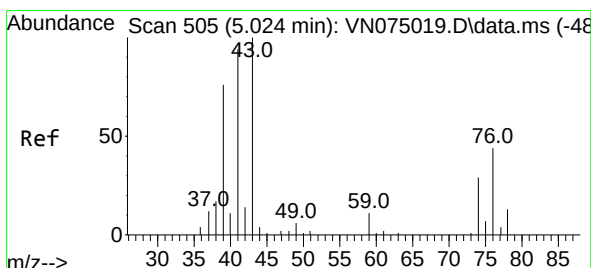
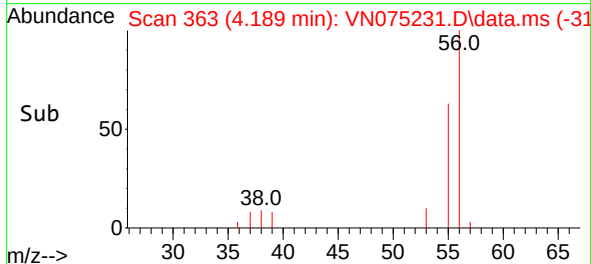
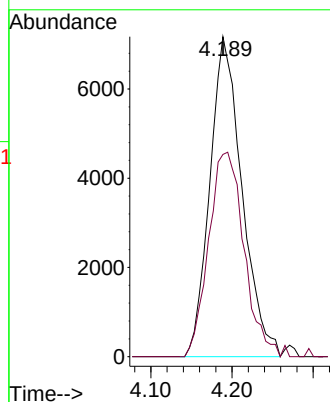
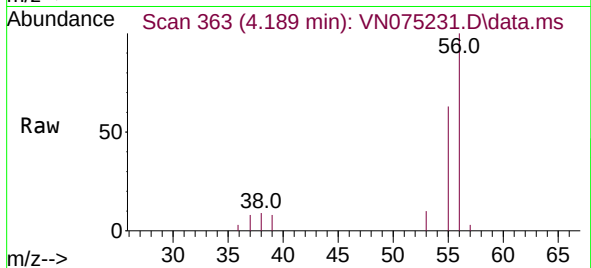




#13  
Acrolein  
Concen: 70.114 ug/l  
RT: 4.189 min Scan# 363  
Delta R.T. -0.000 min  
Lab File: VN075231.D  
Acq: 10 Nov 2022 13:35

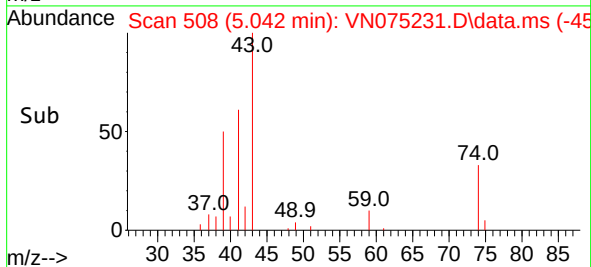
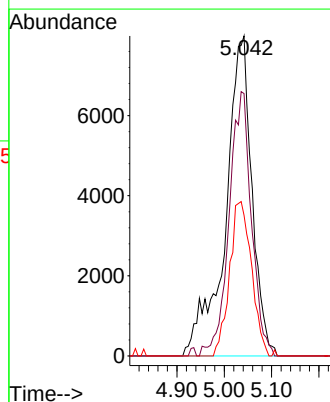
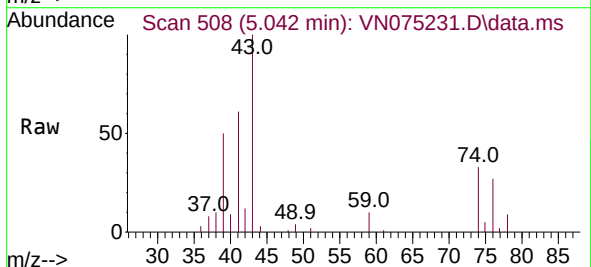
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1110WBSD01

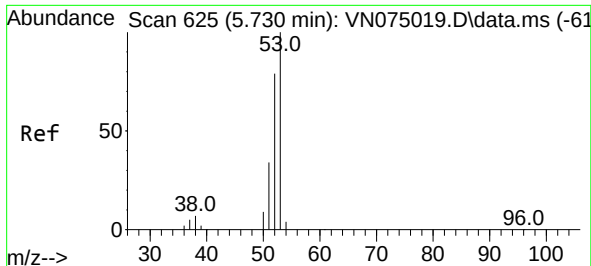
Tgt Ion: 56 Resp: 19700  
Ion Ratio Lower Upper  
56 100  
55 70.6 55.2 82.8



#14  
Allyl chloride  
Concen: 18.374 ug/l  
RT: 5.042 min Scan# 508  
Delta R.T. 0.018 min  
Lab File: VN075231.D  
Acq: 10 Nov 2022 13:35

Tgt Ion: 41 Resp: 31098  
Ion Ratio Lower Upper  
41 100  
39 69.6 61.0 91.4  
76 39.7 33.4 50.0

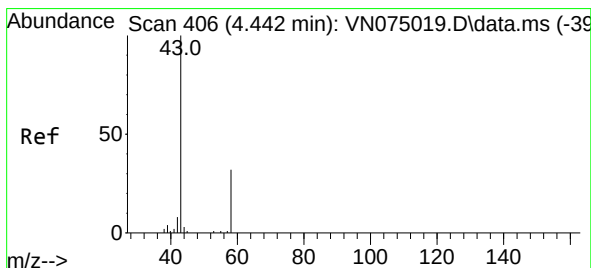
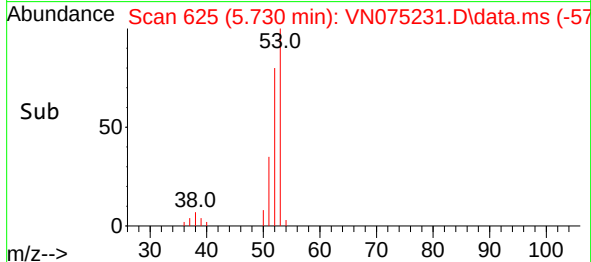
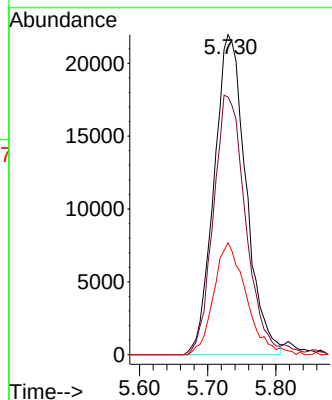
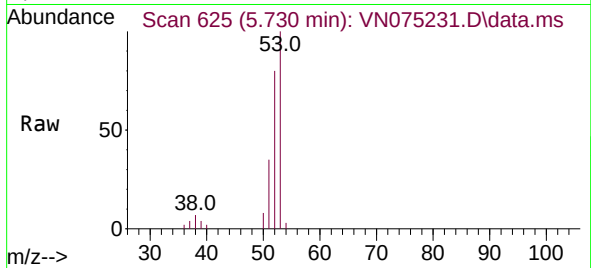




#15  
Acrylonitrile  
Concen: 98.508 ug/l  
RT: 5.730 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN075231.D  
Acq: 10 Nov 2022 13:35

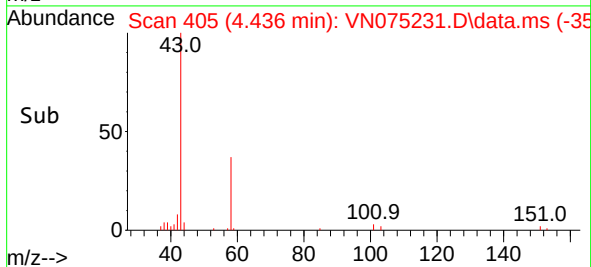
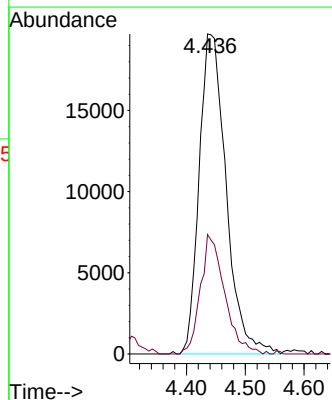
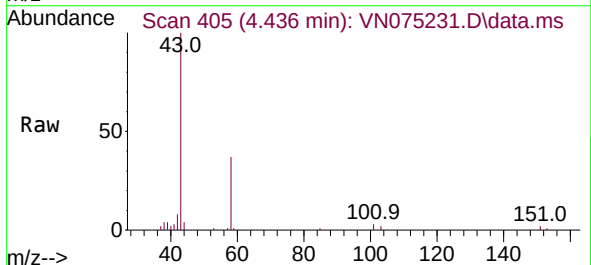
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1110WBSD01

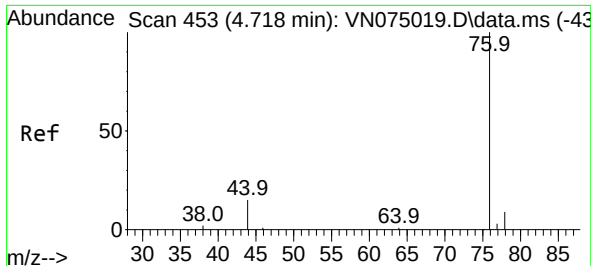
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 71481 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 82.7  | 66.4  | 99.6  |
| 51       | 35.8  | 29.6  | 44.4  |



#16  
Acetone  
Concen: 100.629 ug/l  
RT: 4.436 min Scan# 405  
Delta R.T. -0.006 min  
Lab File: VN075231.D  
Acq: 10 Nov 2022 13:35

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 62763 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 37.3  | 25.5  | 38.3  |

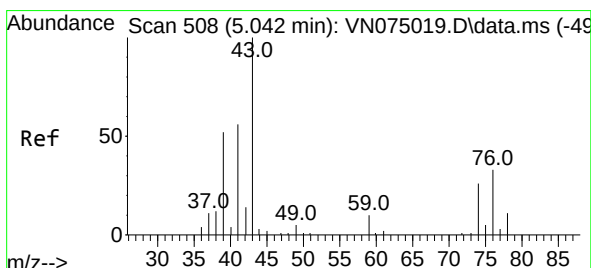
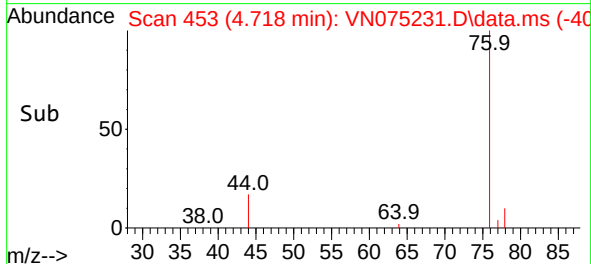
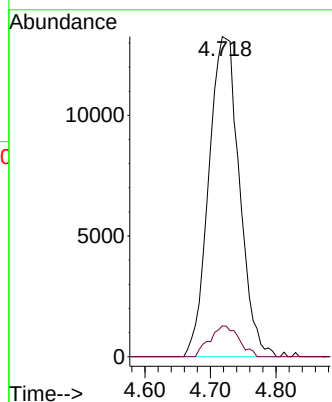
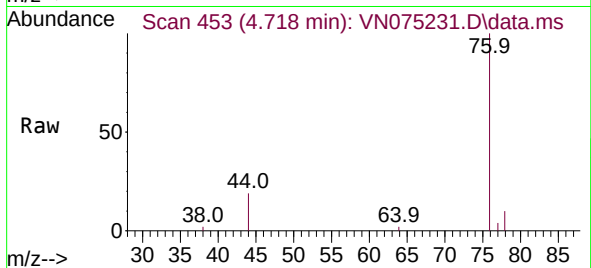




#17  
Carbon Disulfide  
Concen: 14.751 ug/l  
RT: 4.718 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VN075231.D  
Acq: 10 Nov 2022 13:35

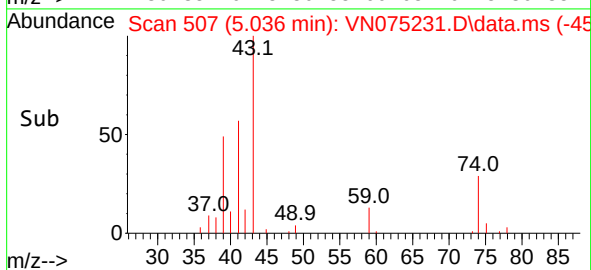
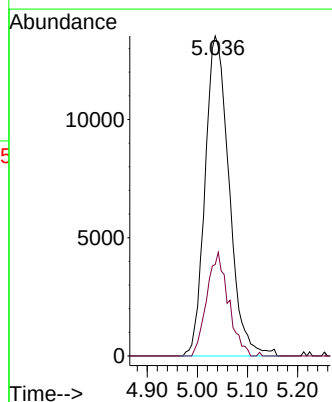
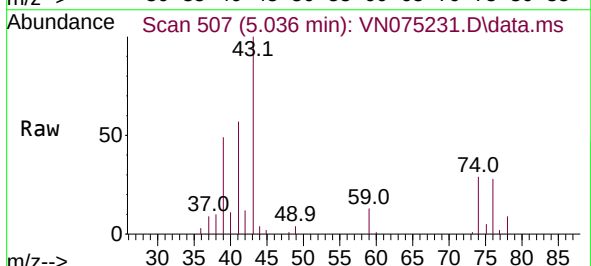
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1110WBSD01

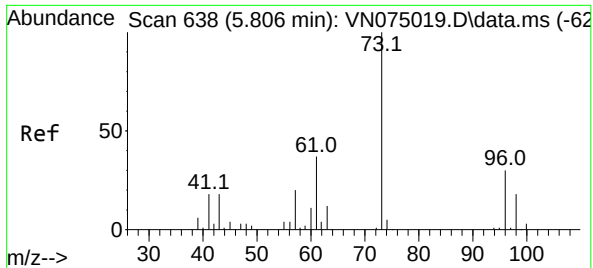
Tgt Ion: 76 Resp: 42986  
Ion Ratio Lower Upper  
76 100  
78 9.6 7.4 11.2



#18  
Methyl Acetate  
Concen: 22.120 ug/l  
RT: 5.036 min Scan# 507  
Delta R.T. -0.006 min  
Lab File: VN075231.D  
Acq: 10 Nov 2022 13:35

Tgt Ion: 43 Resp: 45065  
Ion Ratio Lower Upper  
43 100  
74 29.1 22.0 33.0

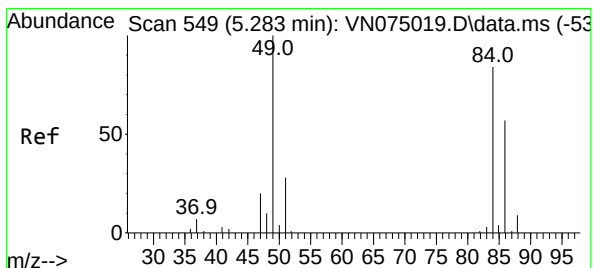
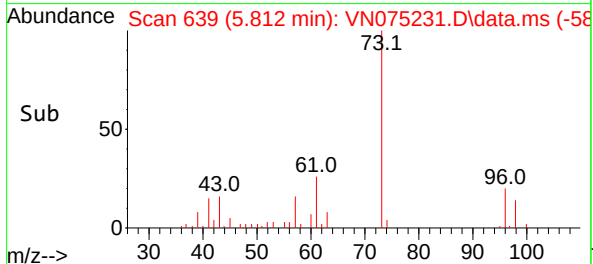
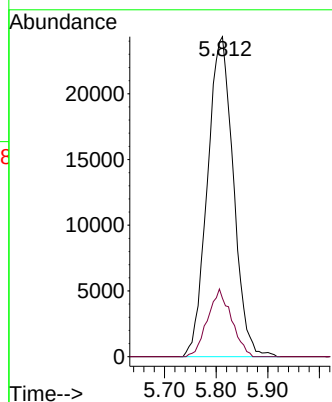
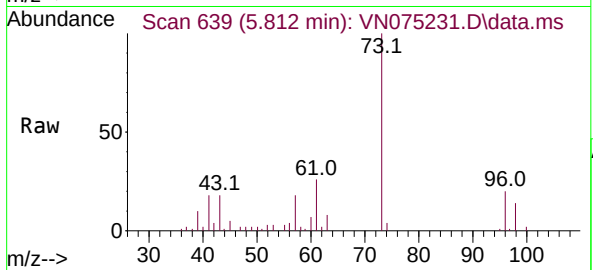




#19  
Methyl tert-butyl Ether  
Concen: 19.695 ug/l  
RT: 5.812 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN075231.D  
Acq: 10 Nov 2022 13:35

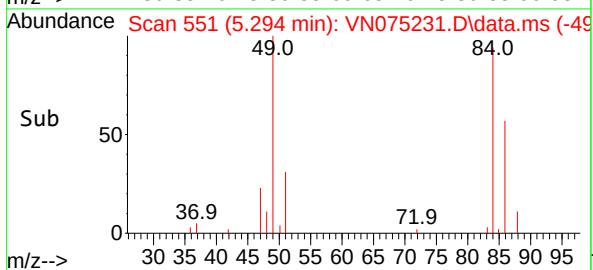
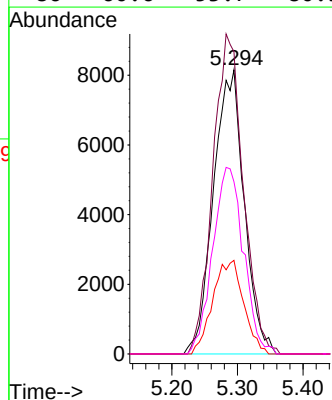
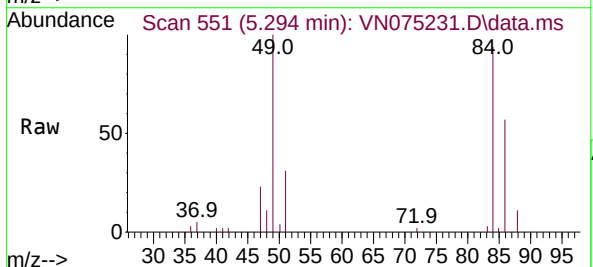
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1110WBSD01

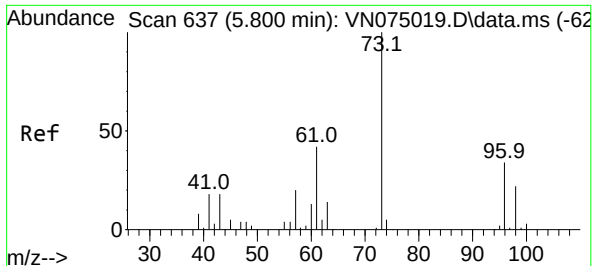
Tgt Ion: 73 Resp: 84830  
Ion Ratio Lower Upper  
73 100  
57 18.3 16.3 24.5



#20  
Methylene Chloride  
Concen: 19.083 ug/l  
RT: 5.294 min Scan# 551  
Delta R.T. 0.011 min  
Lab File: VN075231.D  
Acq: 10 Nov 2022 13:35

Tgt Ion: 84 Resp: 26537  
Ion Ratio Lower Upper  
84 100  
49 106.4 94.9 142.3  
51 32.9 26.8 40.2  
86 60.6 53.7 80.5

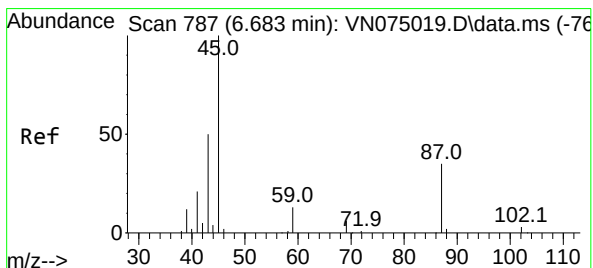
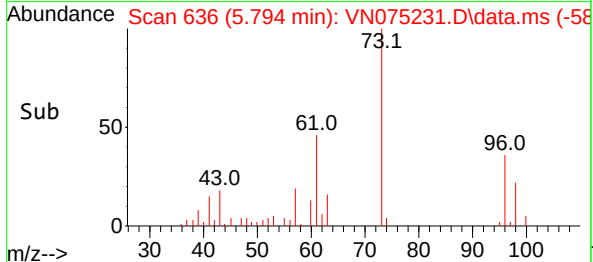
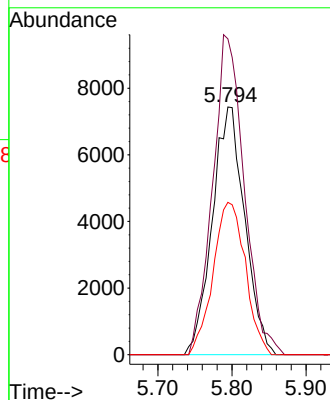
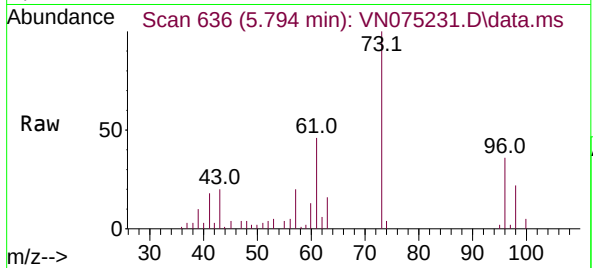




#21  
trans-1,2-Dichloroethene  
Concen: 17.795 ug/l  
RT: 5.794 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN075231.D  
Acq: 10 Nov 2022 13:35

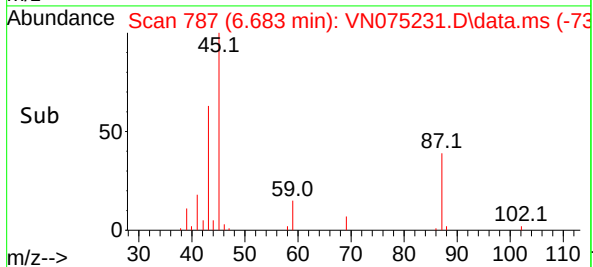
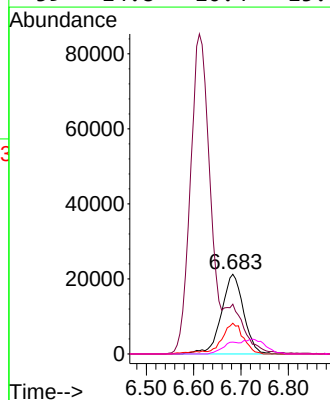
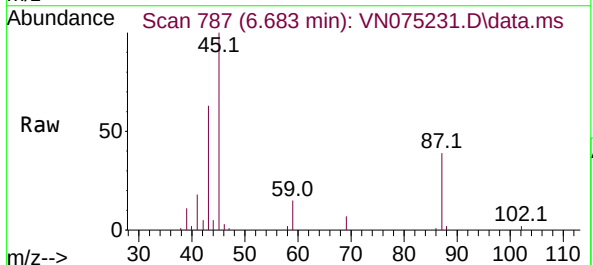
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1110WBSD01

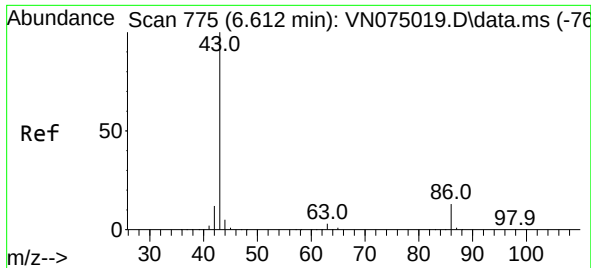
Tgt Ion: 96 Resp: 22579  
Ion Ratio Lower Upper  
96 100  
61 127.6 99.9 149.9  
98 61.5 51.5 77.3



#22  
Diisopropyl ether  
Concen: 18.426 ug/l  
RT: 6.683 min Scan# 787  
Delta R.T. -0.000 min  
Lab File: VN075231.D  
Acq: 10 Nov 2022 13:35

Tgt Ion: 45 Resp: 68824  
Ion Ratio Lower Upper  
45 100  
43 60.8 42.8 64.2  
87 38.5 28.4 42.6  
59 14.8 10.4 15.6

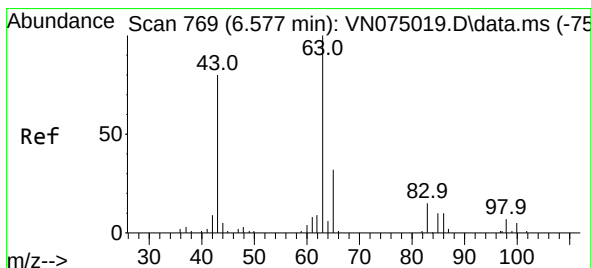
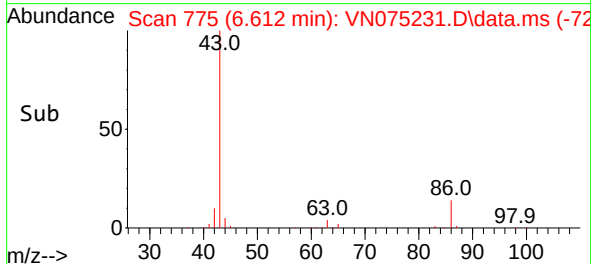
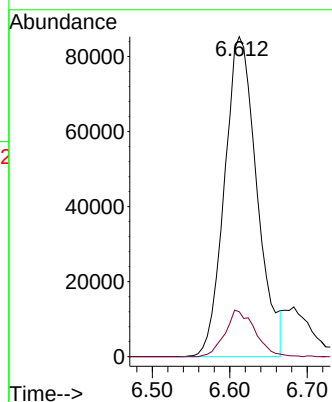
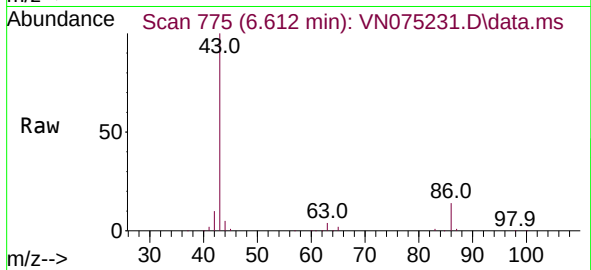




#23  
 Vinyl Acetate  
 Concen: 79.703 ug/l  
 RT: 6.612 min Scan# 775  
 Delta R.T. 0.000 min  
 Lab File: VN075231.D  
 Acq: 10 Nov 2022 13:35

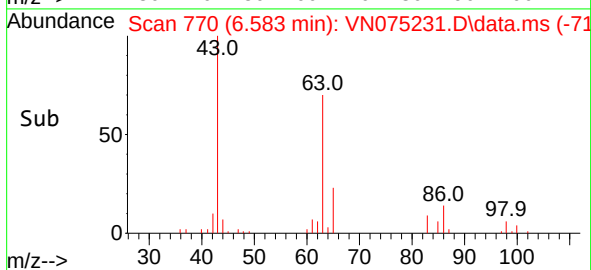
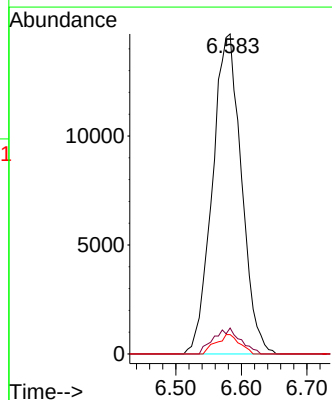
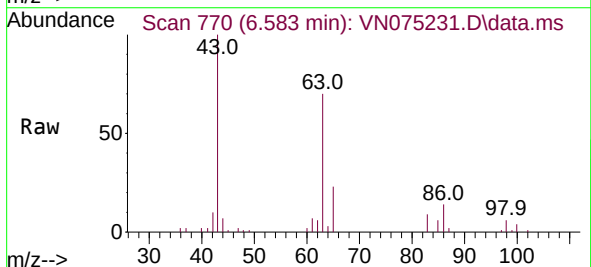
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1110WBSD01

Tgt Ion: 43 Resp: 248593  
 Ion Ratio Lower Upper  
 43 100  
 86 14.1 10.7 16.1

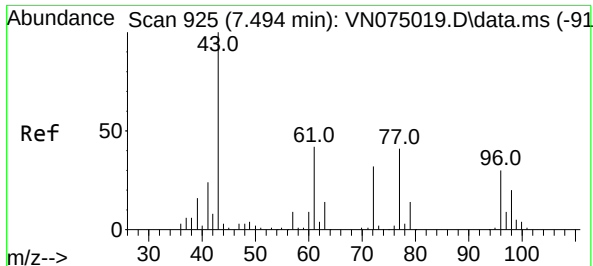


#24  
 1,1-Dichloroethane  
 Concen: 19.085 ug/l  
 RT: 6.583 min Scan# 770  
 Delta R.T. 0.006 min  
 Lab File: VN075231.D  
 Acq: 10 Nov 2022 13:35

Tgt Ion: 63 Resp: 45085  
 Ion Ratio Lower Upper  
 63 100  
 98 8.1 3.6 10.8  
 100 6.0 2.4 7.2







#25

2-Butanone

Concen: 97.303 ug/l

RT: 7.488 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN075231.D

Acq: 10 Nov 2022 13:35

Instrument :

MSVOA\_N

ClientSampleId :

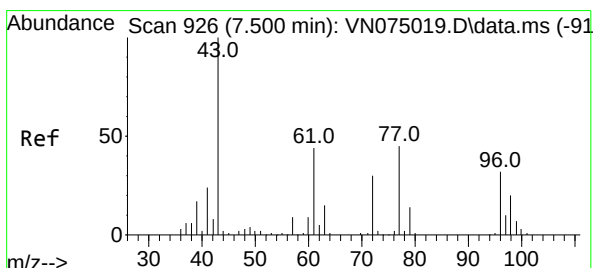
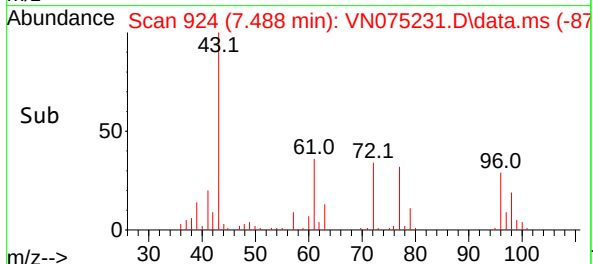
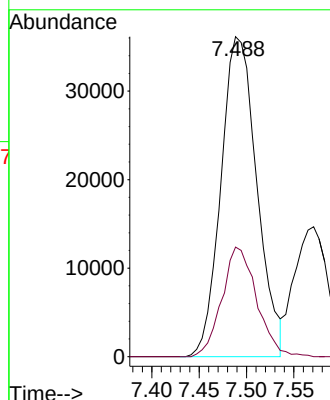
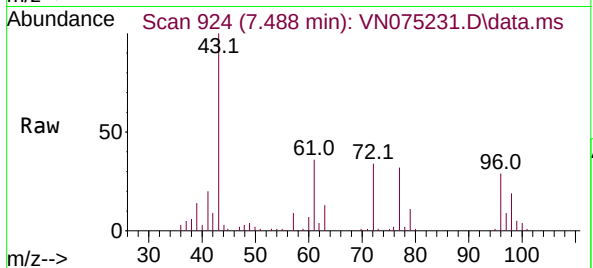
VN1110WBSD01

Tgt Ion: 43 Resp: 95457

Ion Ratio Lower Upper

43 100

72 34.3 25.5 38.3



#26

2,2-Dichloropropane

Concen: 18.436 ug/l

RT: 7.494 min Scan# 925

Delta R.T. -0.006 min

Lab File: VN075231.D

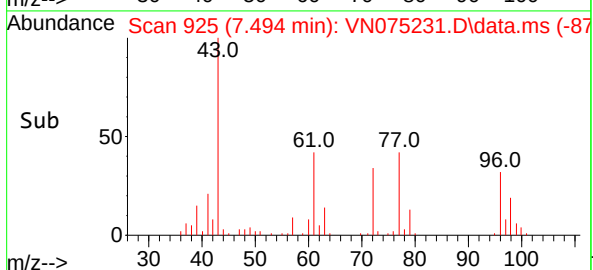
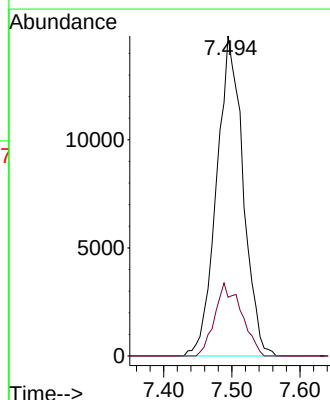
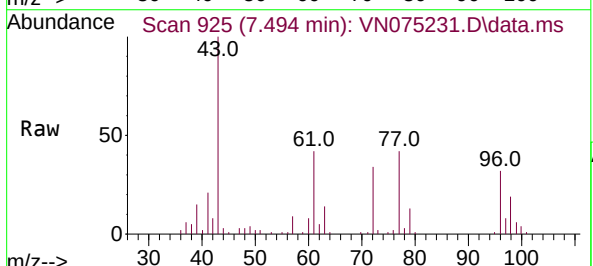
Acq: 10 Nov 2022 13:35

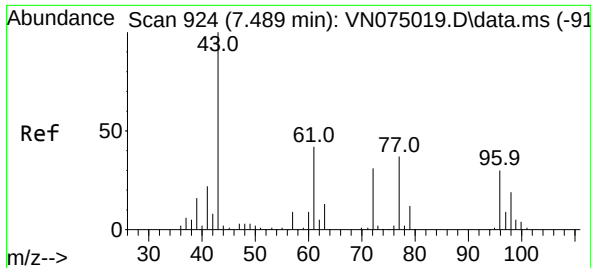
Tgt Ion: 77 Resp: 40065

Ion Ratio Lower Upper

77 100

97 23.0 11.2 33.6

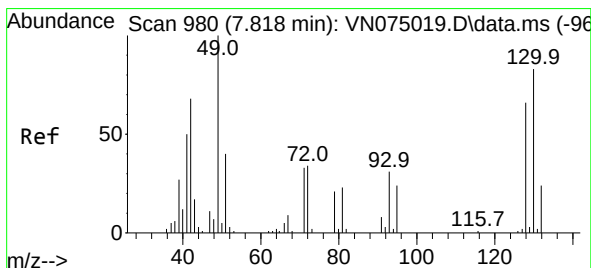
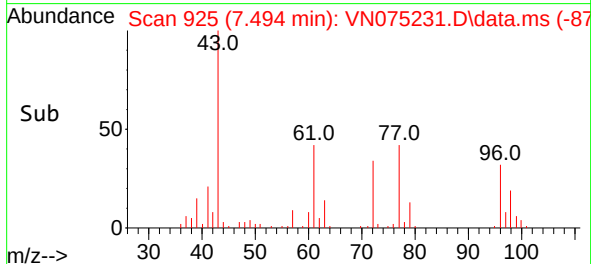
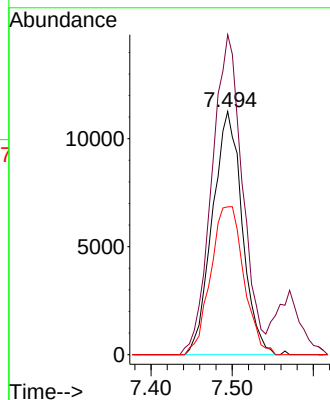
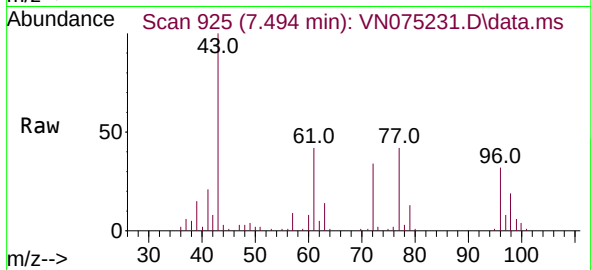




#27  
 cis-1,2-Dichloroethene  
 Concen: 18.949 ug/l  
 RT: 7.494 min Scan# 91  
 Delta R.T. 0.005 min  
 Lab File: VN075231.D  
 Acq: 10 Nov 2022 13:35

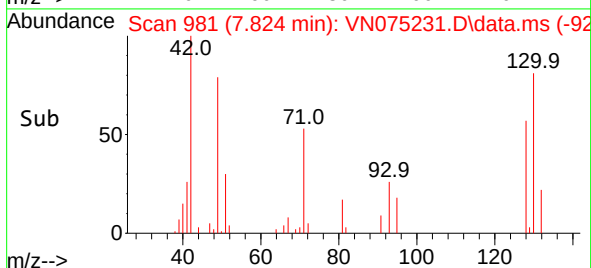
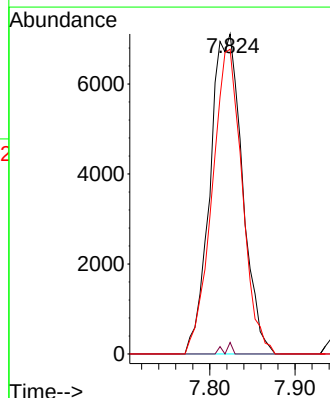
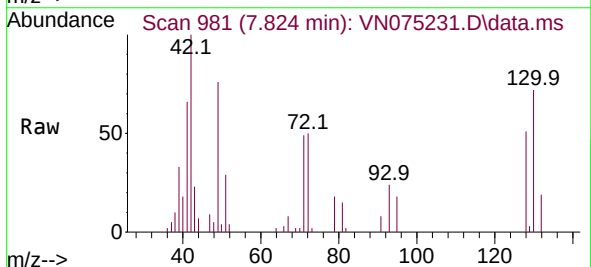
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1110WBSD01

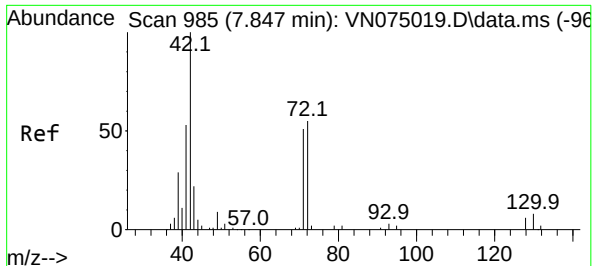
Tgt Ion: 96 Resp: 28712  
 Ion Ratio Lower Upper  
 96 100  
 61 135.4 0.0 278.8  
 98 67.7 0.0 128.4



#28  
 Bromochloromethane  
 Concen: 18.784 ug/l  
 RT: 7.824 min Scan# 981  
 Delta R.T. 0.006 min  
 Lab File: VN075231.D  
 Acq: 10 Nov 2022 13:35

Tgt Ion: 49 Resp: 18705  
 Ion Ratio Lower Upper  
 49 100  
 129 0.8 0.0 4.6  
 130 88.9 66.2 99.4





#29

Tetrahydrofuran

Concen: 96.410 ug/l

RT: 7.847 min Scan# 9

Delta R.T. 0.000 min

Lab File: VN075231.D

Acq: 10 Nov 2022 13:35

Instrument :

MSVOA\_N

ClientSampleId :

VN1110WBSD01

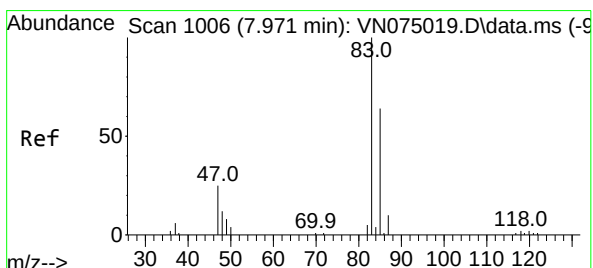
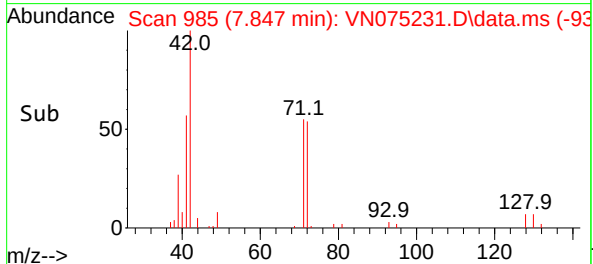
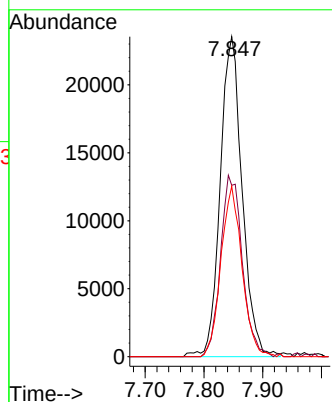
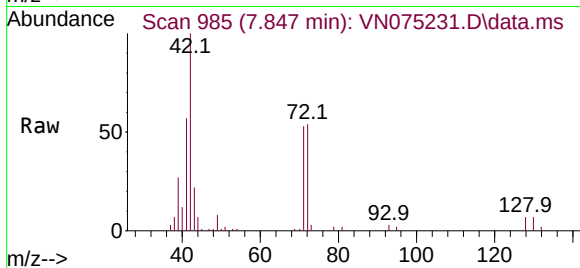
Tgt Ion: 42 Resp: 61117

Ion Ratio Lower Upper

42 100

72 56.2 43.0 64.6

71 51.2 39.9 59.9



#30

Chloroform

Concen: 19.494 ug/l

RT: 7.977 min Scan# 1007

Delta R.T. 0.006 min

Lab File: VN075231.D

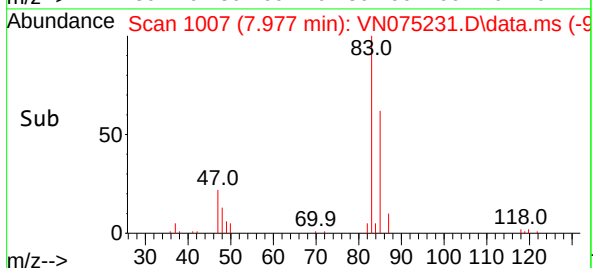
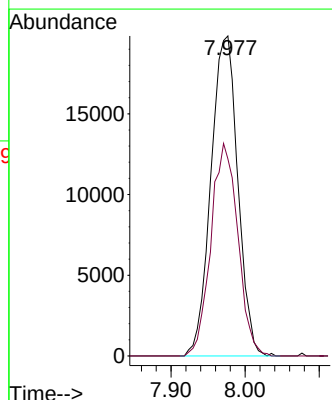
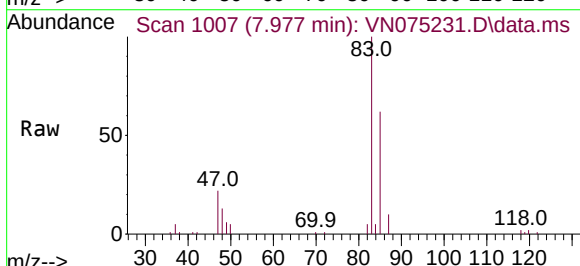
Acq: 10 Nov 2022 13:35

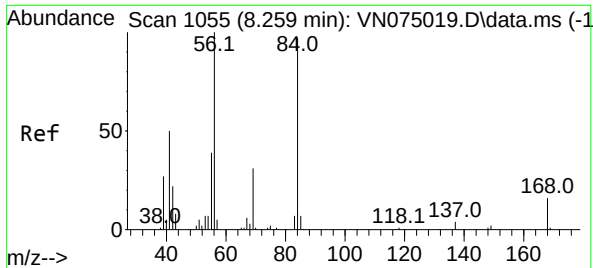
Tgt Ion: 83 Resp: 49998

Ion Ratio Lower Upper

83 100

85 61.6 51.4 77.0

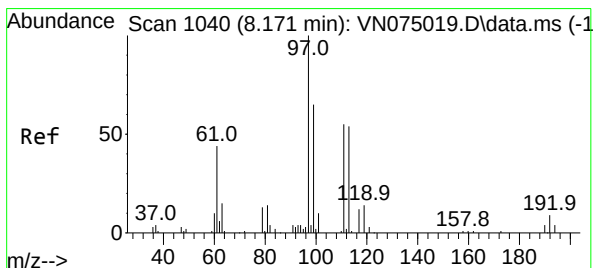
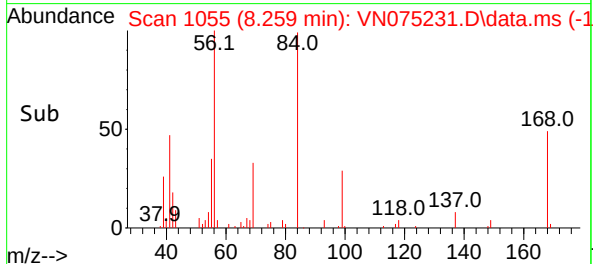
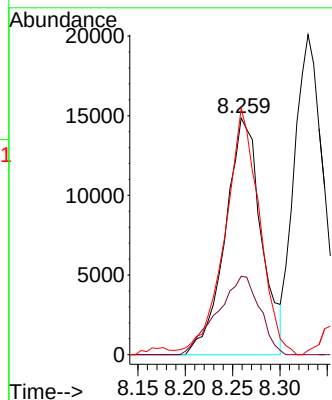
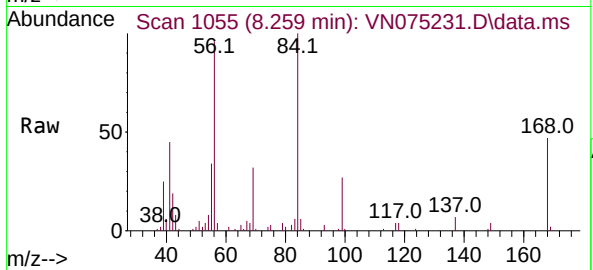




#31  
Cyclohexane  
Concen: 17.905 ug/l  
RT: 8.259 min Scan# 1055  
Delta R.T. 0.000 min  
Lab File: VN075231.D  
Acq: 10 Nov 2022 13:35

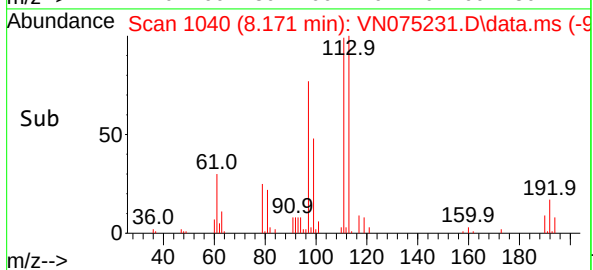
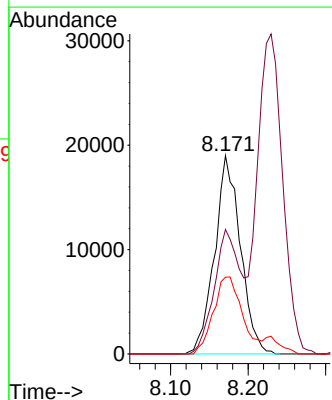
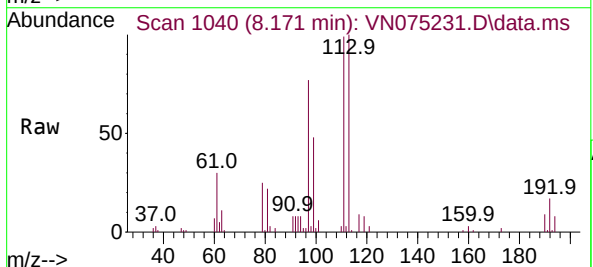
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1110WBSD01

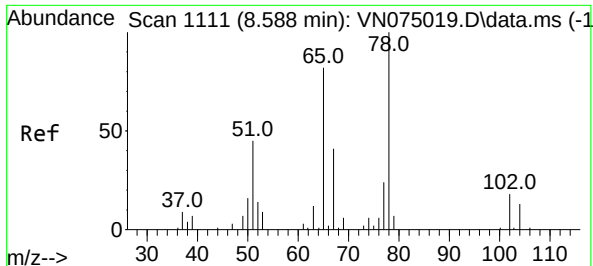
Tgt Ion: 56 Resp: 39225  
Ion Ratio Lower Upper  
56 100  
69 33.1 25.2 37.8  
84 101.8 77.8 116.8



#32  
1,1,1-Trichloroethane  
Concen: 18.889 ug/l  
RT: 8.171 min Scan# 1040  
Delta R.T. -0.000 min  
Lab File: VN075231.D  
Acq: 10 Nov 2022 13:35

Tgt Ion: 97 Resp: 43995  
Ion Ratio Lower Upper  
97 100  
99 61.7 50.2 75.2  
61 43.7 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 47.593 ug/l

RT: 8.583 min Scan# 1111

Delta R.T. -0.005 min

Lab File: VN075231.D

Acq: 10 Nov 2022 13:35

Instrument :

MSVOA\_N

ClientSampleId :

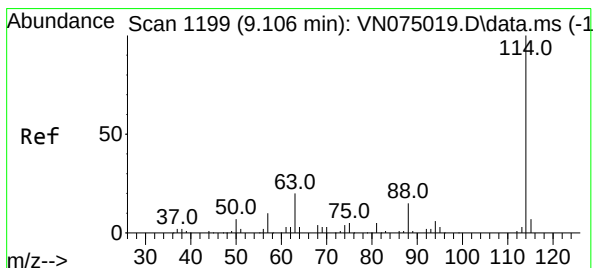
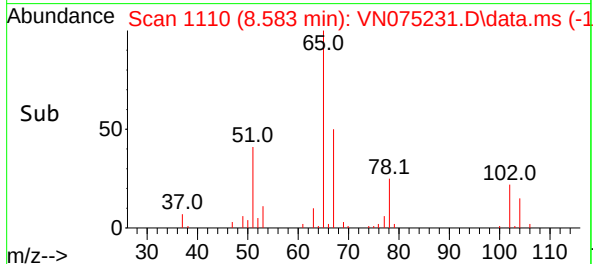
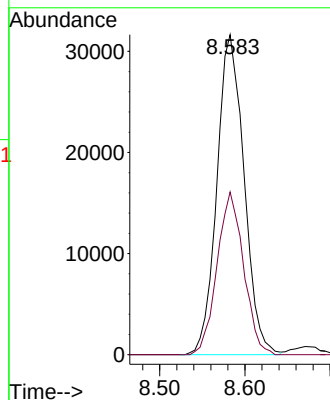
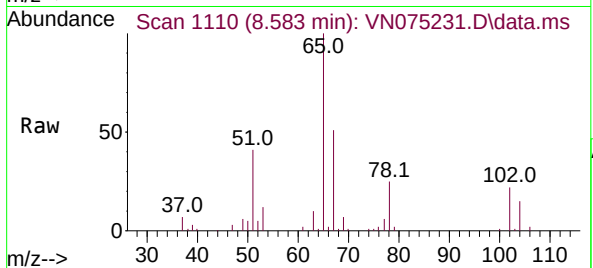
VN1110WBSD01

Tgt Ion: 65 Resp: 70104

Ion Ratio Lower Upper

65 100

67 49.7 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075231.D

Acq: 10 Nov 2022 13:35

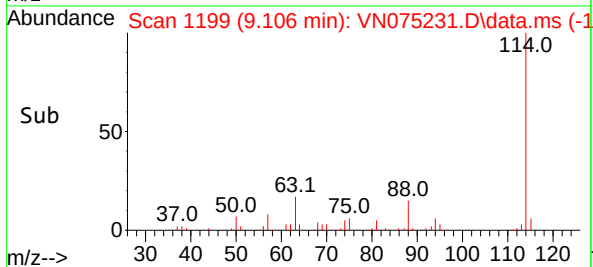
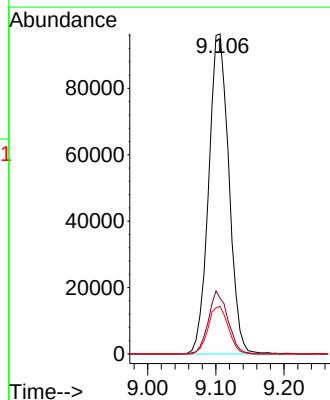
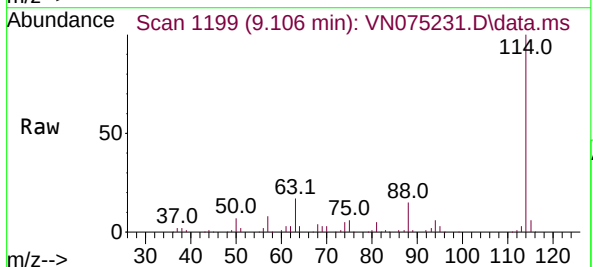
Tgt Ion: 114 Resp: 198667

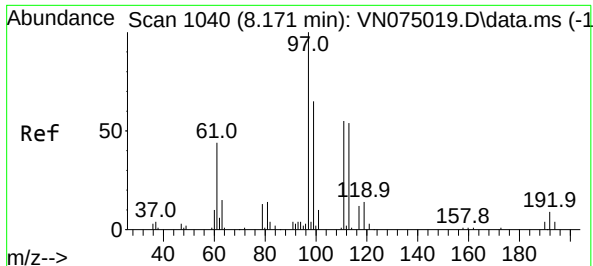
Ion Ratio Lower Upper

114 100

63 17.5 0.0 39.6

88 14.9 0.0 29.0





#35

Dibromofluoromethane

Concen: 50.499 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075231.D

Acq: 10 Nov 2022 13:35

Instrument :

MSVOA\_N

ClientSampleId :

VN1110WBSD01

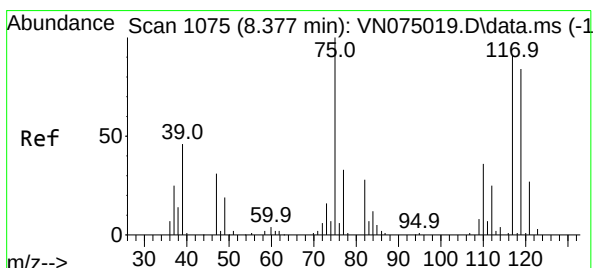
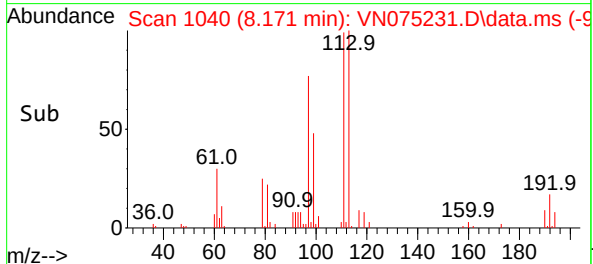
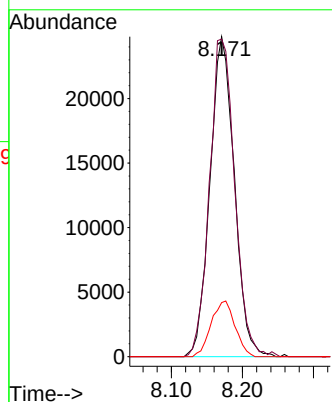
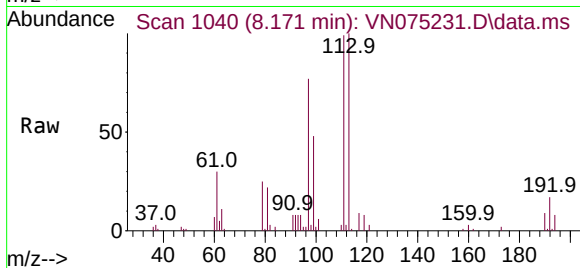
Tgt Ion:113 Resp: 58896

Ion Ratio Lower Upper

113 100

111 102.9 80.5 120.7

192 17.1 13.2 19.8



#36

1,1-Dichloropropene

Concen: 19.222 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN075231.D

Acq: 10 Nov 2022 13:35

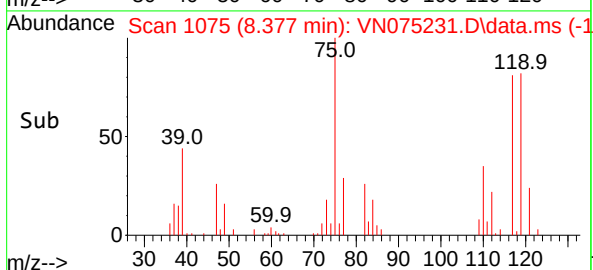
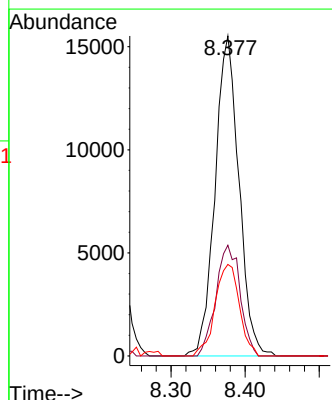
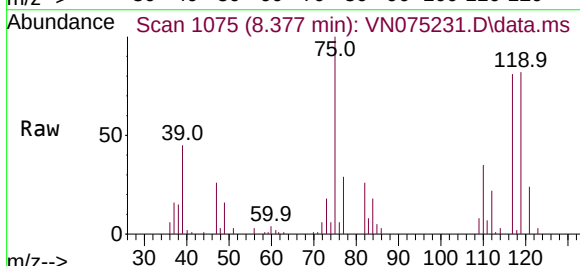
Tgt Ion: 75 Resp: 34707

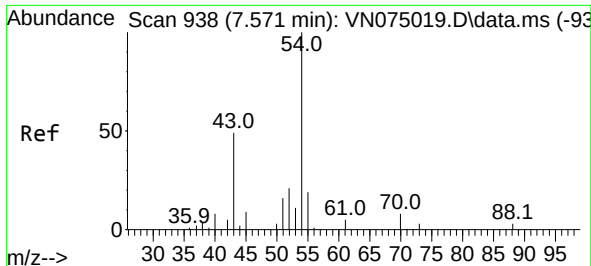
Ion Ratio Lower Upper

75 100

110 35.0 17.8 53.3

77 29.1 24.6 37.0

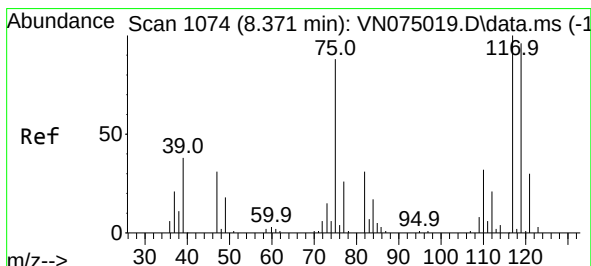
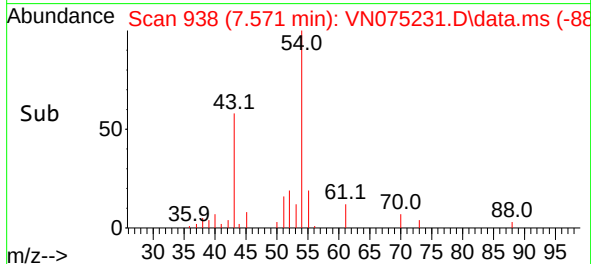
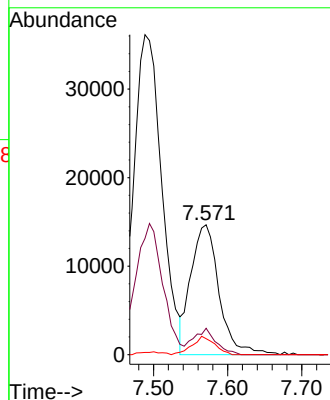
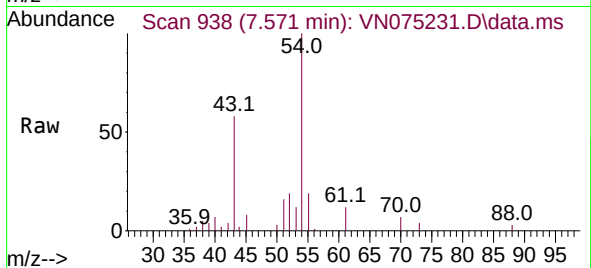




#37  
Ethyl Acetate  
Concen: 19.627 ug/l  
RT: 7.571 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN075231.D  
Acq: 10 Nov 2022 13:35

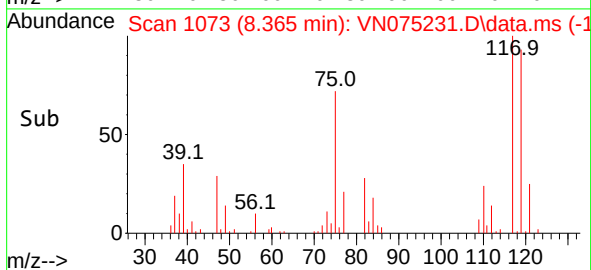
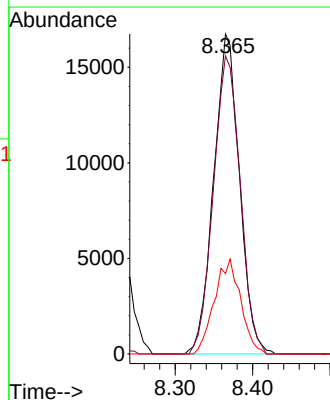
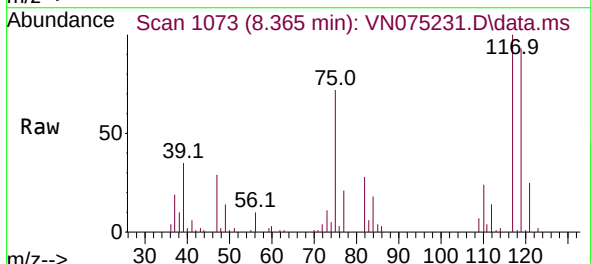
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1110WBSD01

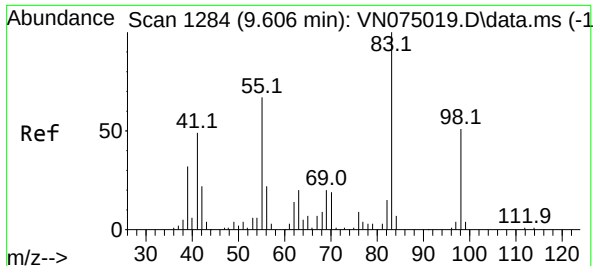
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 38864 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 15.9  | 12.2  | 18.4  |
| 70       | 11.2  | 9.4   | 14.2  |



#38  
Carbon Tetrachloride  
Concen: 19.480 ug/l  
RT: 8.365 min Scan# 1073  
Delta R.T. -0.006 min  
Lab File: VN075231.D  
Acq: 10 Nov 2022 13:35

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 38691 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 93.2  | 76.7  | 115.1 |
| 121      | 25.1  | 23.9  | 35.9  |





#39

Methylcyclohexane

Concen: 17.574 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN075231.D

Acq: 10 Nov 2022 13:35

Instrument :

MSVOA\_N

ClientSampleId :

VN1110WBSD01

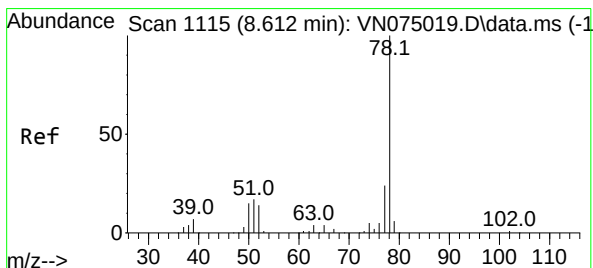
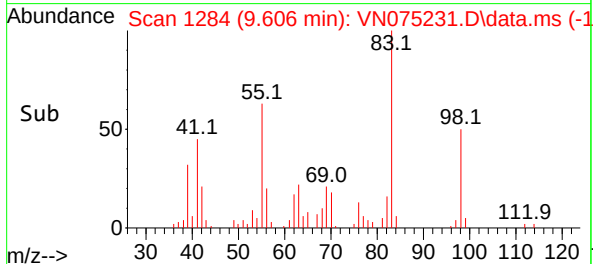
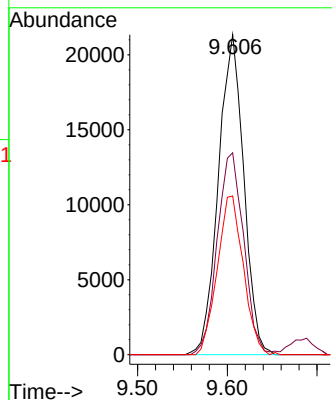
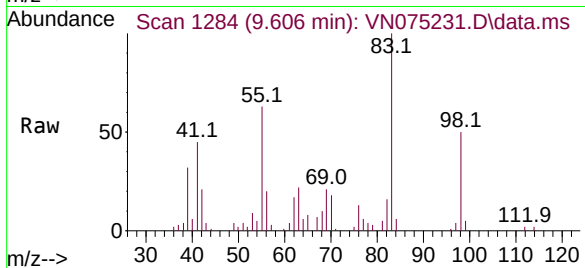
Tgt Ion: 83 Resp: 41891

Ion Ratio Lower Upper

83 100

55 63.1 53.6 80.4

98 49.6 41.1 61.7



#40

Benzene

Concen: 19.011 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN075231.D

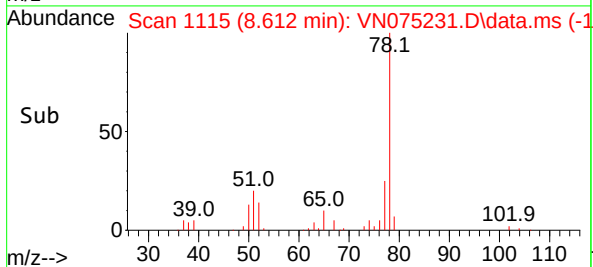
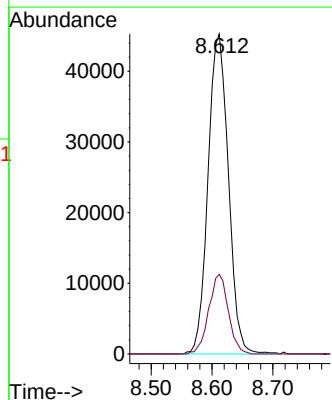
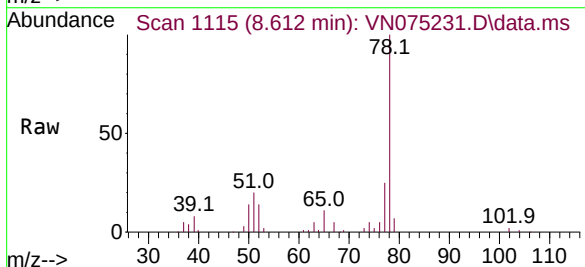
Acq: 10 Nov 2022 13:35

Tgt Ion: 78 Resp: 105100

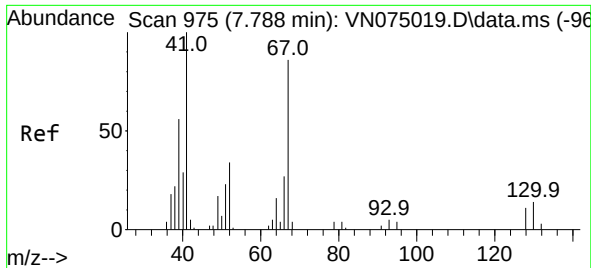
Ion Ratio Lower Upper

78 100

77 24.9 19.4 29.0



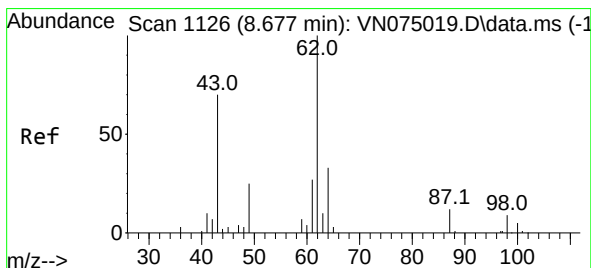
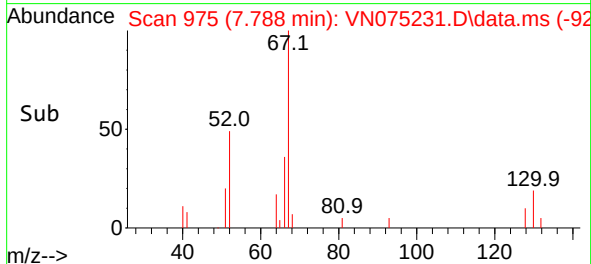
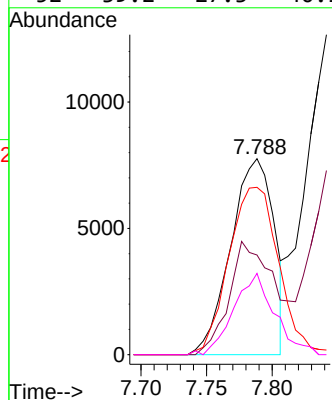
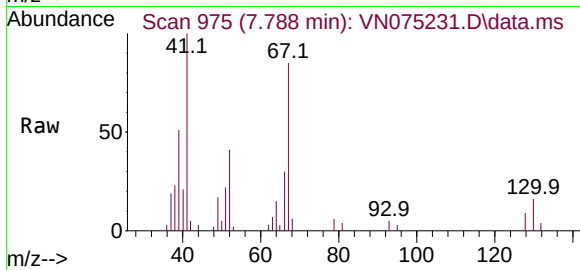




#41  
Methacrylonitrile  
Concen: 18.783 ug/l  
RT: 7.788 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VN075231.D  
Acq: 10 Nov 2022 13:35

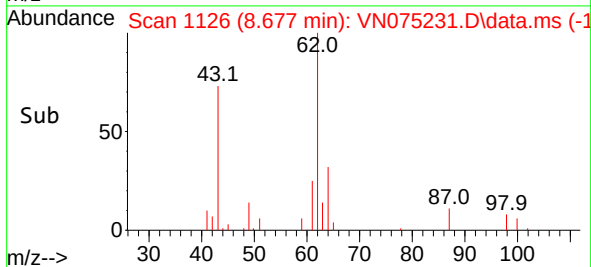
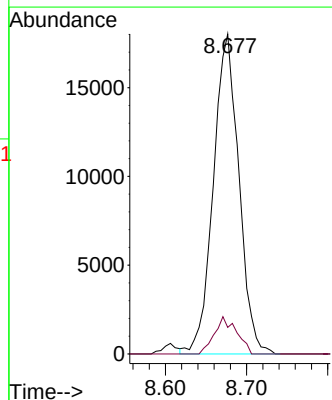
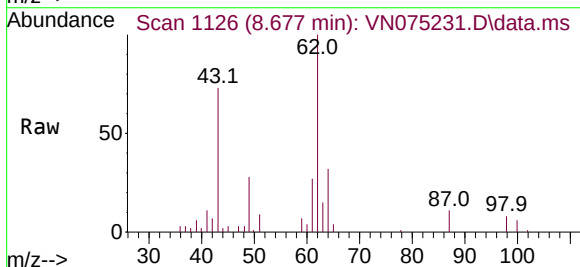
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1110WBSD01

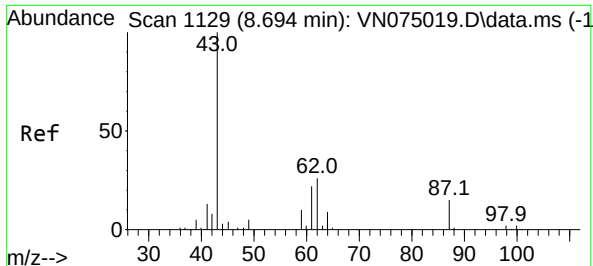
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 17819 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 64.1  | 44.4  | 66.6  |
| 67       | 98.4  | 69.8  | 104.6 |
| 52       | 39.2  | 27.3  | 40.9  |



#42  
1,2-Dichloroethane  
Concen: 19.596 ug/l  
RT: 8.677 min Scan# 1126  
Delta R.T. -0.000 min  
Lab File: VN075231.D  
Acq: 10 Nov 2022 13:35

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 39415 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 10.1  | 0.0   | 18.2  |

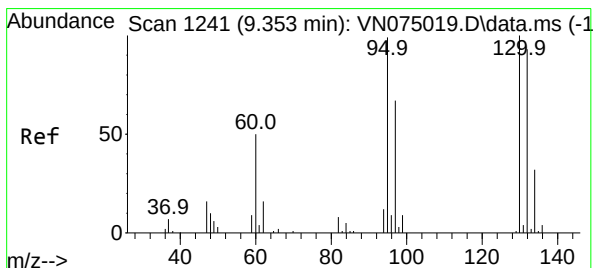
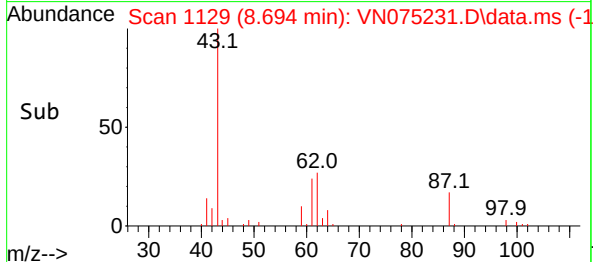
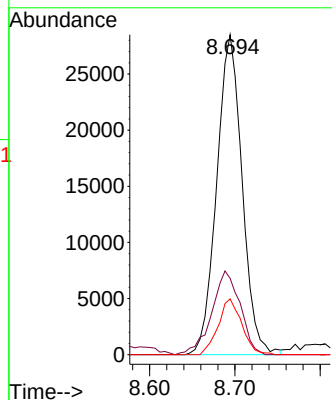
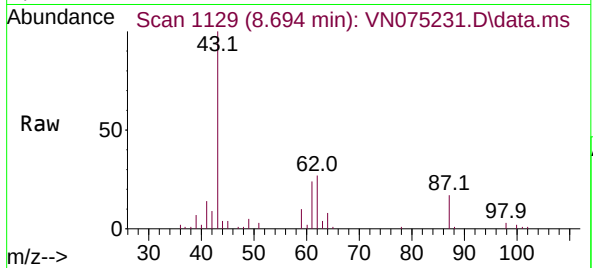




#43  
Isopropyl Acetate  
Concen: 19.218 ug/l  
RT: 8.694 min Scan# 1129  
Delta R.T. 0.000 min  
Lab File: VN075231.D  
Acq: 10 Nov 2022 13:35

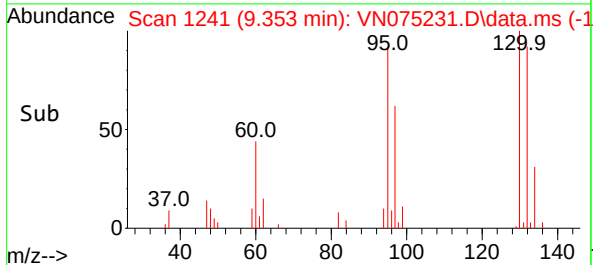
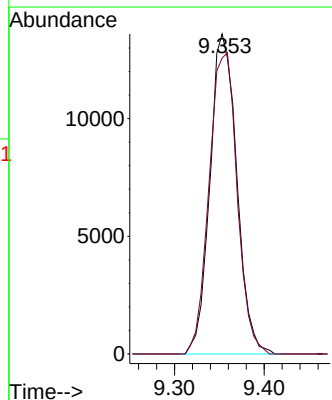
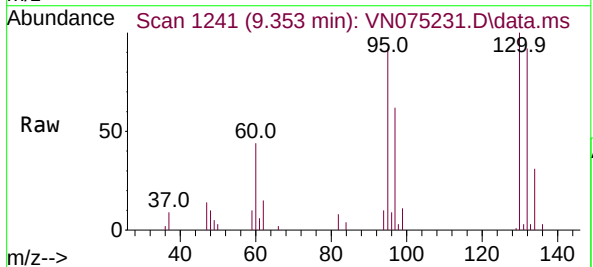
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1110WBSD01

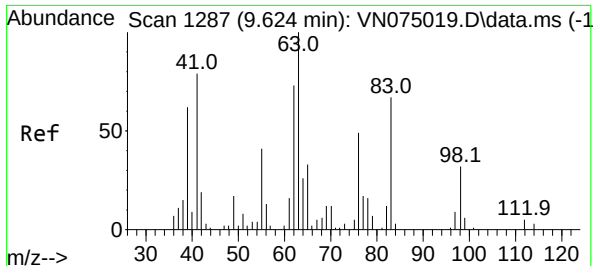
Tgt Ion: 43 Resp: 59029  
Ion Ratio Lower Upper  
43 100  
61 29.2 22.4 33.6  
87 16.2 12.5 18.7



#44  
Trichloroethene  
Concen: 20.330 ug/l  
RT: 9.353 min Scan# 1241  
Delta R.T. 0.000 min  
Lab File: VN075231.D  
Acq: 10 Nov 2022 13:35

Tgt Ion:130 Resp: 28198  
Ion Ratio Lower Upper  
130 100  
95 92.5 0.0 198.4





#45

1,2-Dichloropropane

Concen: 19.670 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075231.D

Acq: 10 Nov 2022 13:35

Instrument :

MSVOA\_N

ClientSampleId :

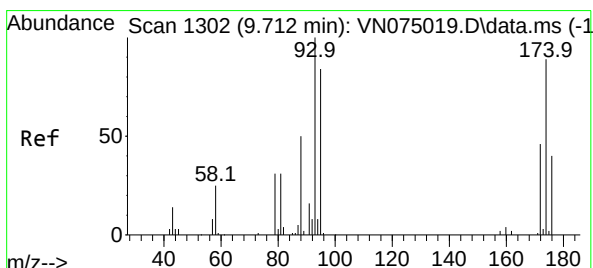
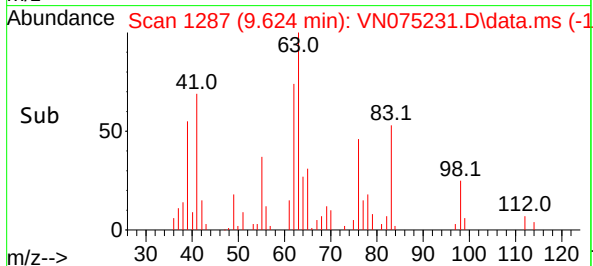
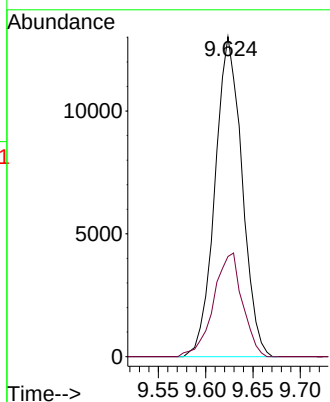
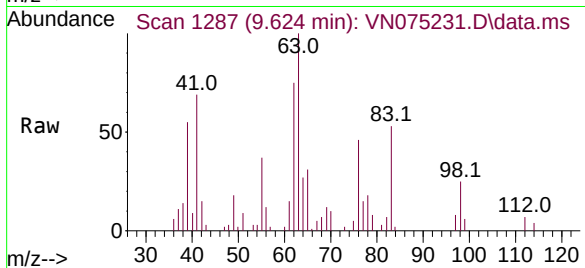
VN1110WBSD01

Tgt Ion: 63 Resp: 25879

Ion Ratio Lower Upper

63 100

65 31.3 26.1 39.1



#46

Dibromomethane

Concen: 20.170 ug/l

RT: 9.706 min Scan# 1301

Delta R.T. -0.006 min

Lab File: VN075231.D

Acq: 10 Nov 2022 13:35

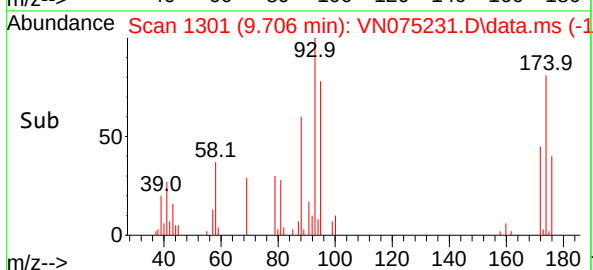
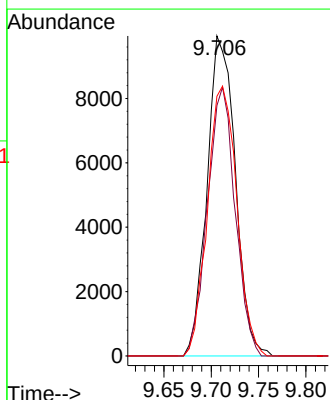
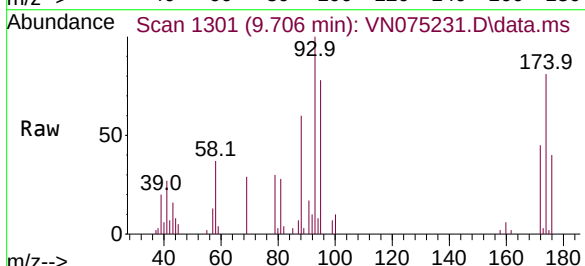
Tgt Ion: 93 Resp: 20675

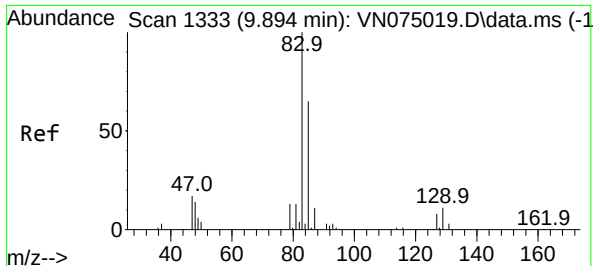
Ion Ratio Lower Upper

93 100

95 82.2 66.6 99.8

174 87.3 70.3 105.5

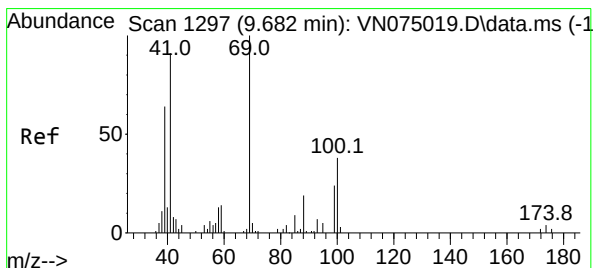
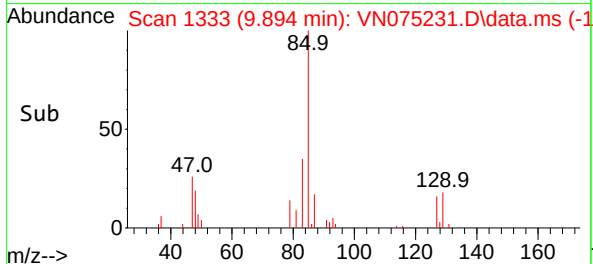
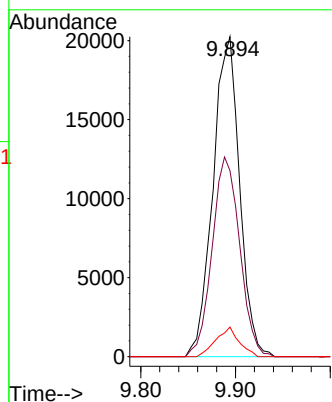
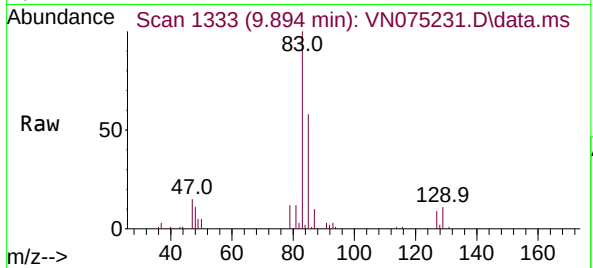




#47  
Bromodichloromethane  
Concen: 19.929 ug/l  
RT: 9.894 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN075231.D  
Acq: 10 Nov 2022 13:35

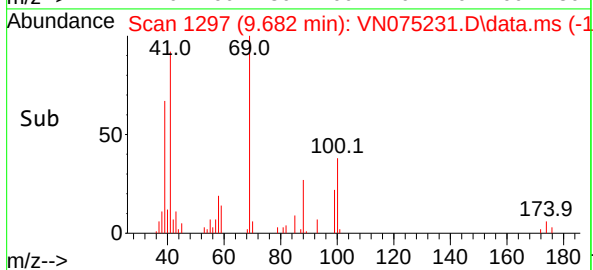
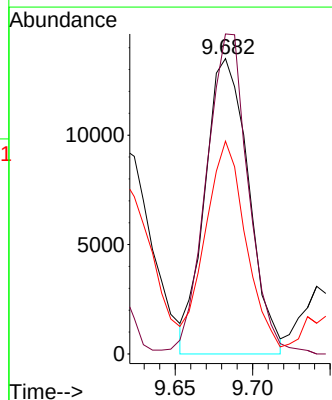
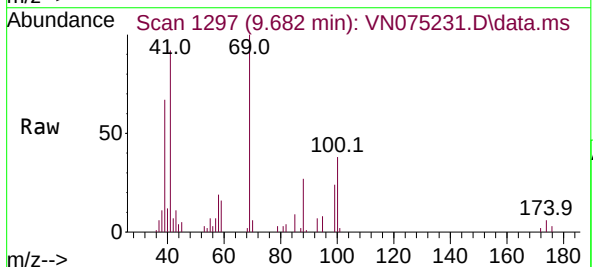
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1110WBSD01

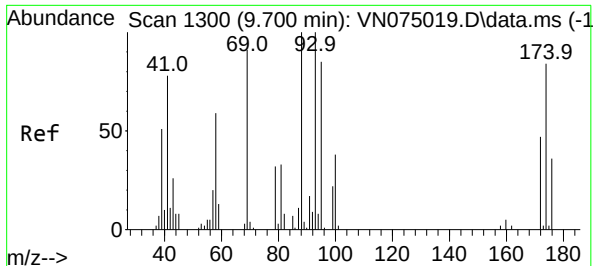
Tgt Ion: 83 Resp: 39558  
Ion Ratio Lower Upper  
83 100  
85 58.2 52.1 78.1  
127 9.3 6.6 10.0



#48  
Methyl methacrylate  
Concen: 18.813 ug/l  
RT: 9.682 min Scan# 1297  
Delta R.T. 0.000 min  
Lab File: VN075231.D  
Acq: 10 Nov 2022 13:35

Tgt Ion: 41 Resp: 26507  
Ion Ratio Lower Upper  
41 100  
69 104.6 80.2 120.2  
39 67.8 56.2 84.2





#49

1,4-Dioxane

Concen: 403.472 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075231.D

Acq: 10 Nov 2022 13:35

Instrument :

MSVOA\_N

ClientSampleId :

VN1110WBSD01

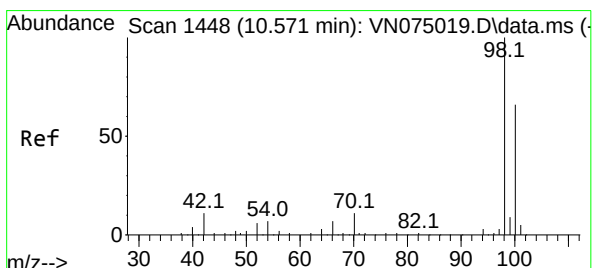
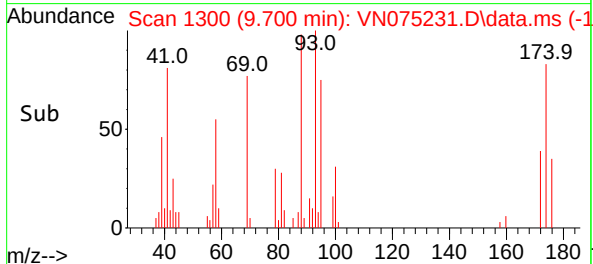
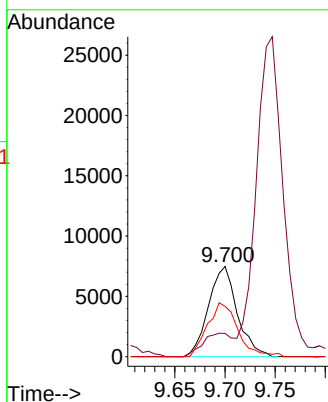
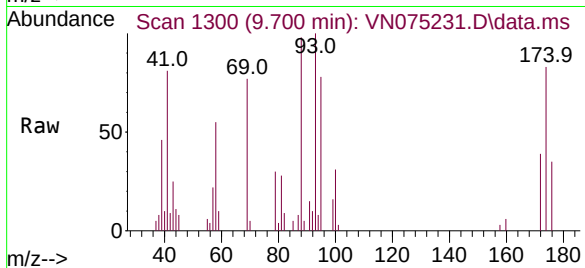
Tgt Ion: 88 Resp: 14886

Ion Ratio Lower Upper

88 100

43 29.0 17.5 26.3#

58 63.2 49.8 74.8



#50

Toluene-d8

Concen: 47.784 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VN075231.D

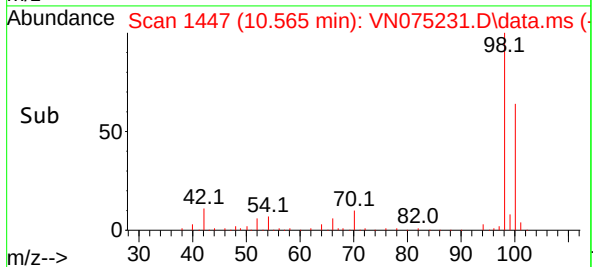
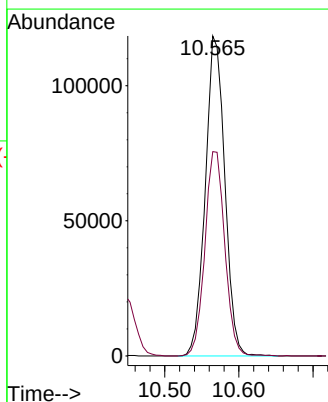
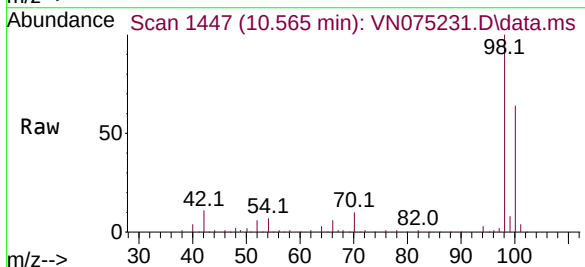
Acq: 10 Nov 2022 13:35

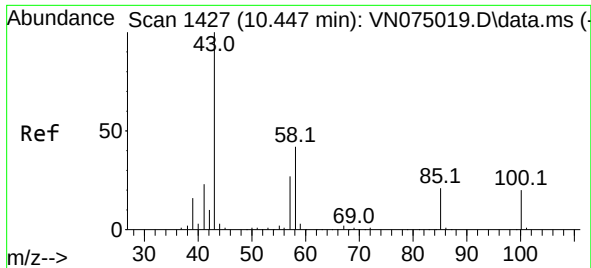
Tgt Ion: 98 Resp: 216215

Ion Ratio Lower Upper

98 100

100 65.3 53.0 79.6

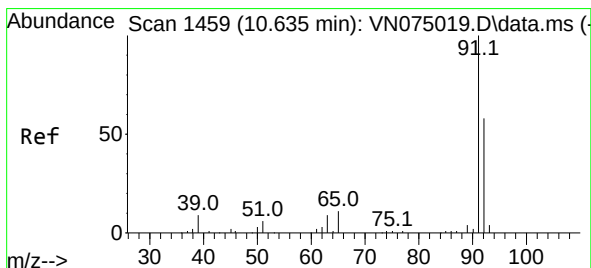
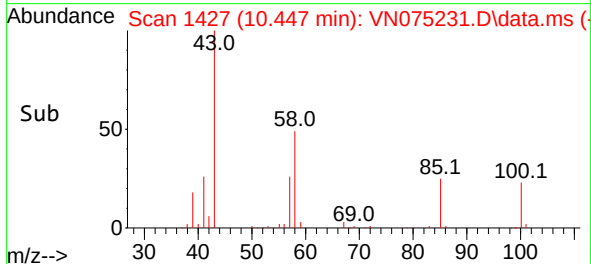
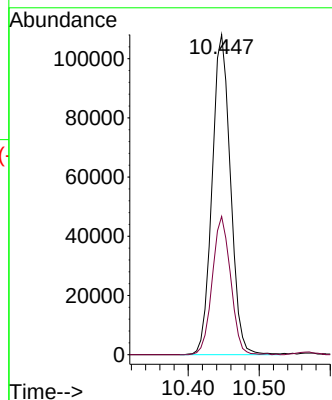
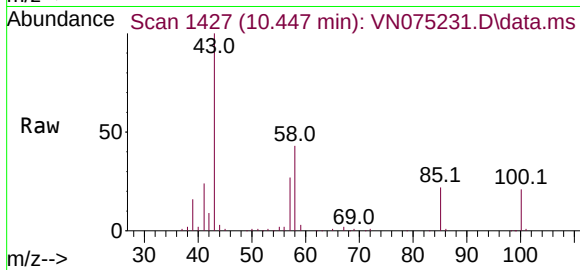




#51  
4-Methyl-2-Pentanone  
Concen: 97.923 ug/l  
RT: 10.447 min Scan# 1427  
Delta R.T. 0.000 min  
Lab File: VN075231.D  
Acq: 10 Nov 2022 13:35

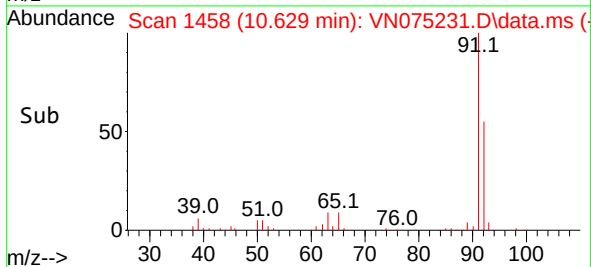
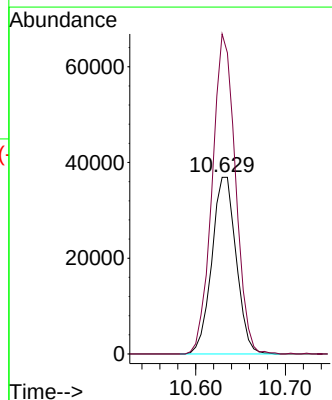
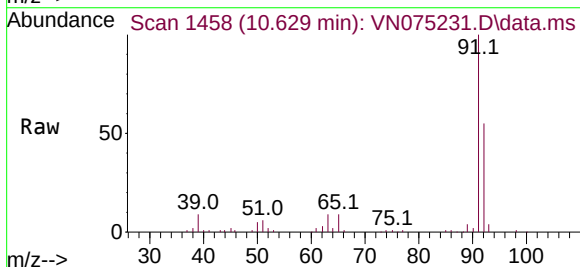
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1110WBSD01

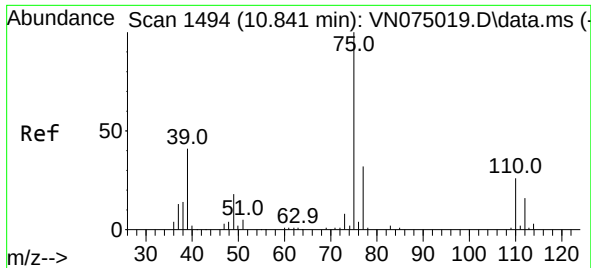
Tgt Ion: 43 Resp: 194088  
Ion Ratio Lower Upper  
43 100  
58 43.0 33.6 50.4



#52  
Toluene  
Concen: 18.814 ug/l  
RT: 10.629 min Scan# 1458  
Delta R.T. -0.006 min  
Lab File: VN075231.D  
Acq: 10 Nov 2022 13:35

Tgt Ion: 92 Resp: 69528  
Ion Ratio Lower Upper  
92 100  
91 173.5 135.4 203.2

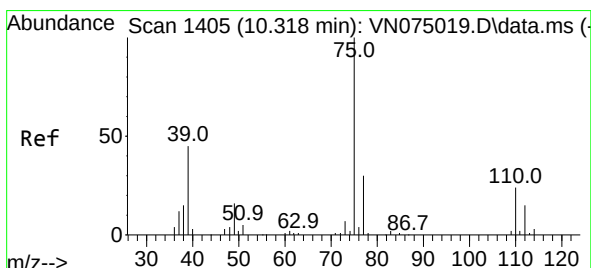
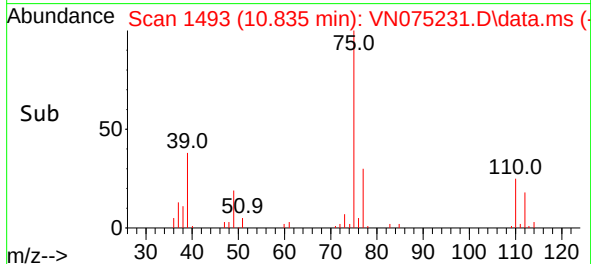
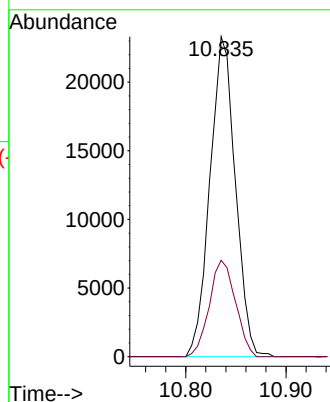
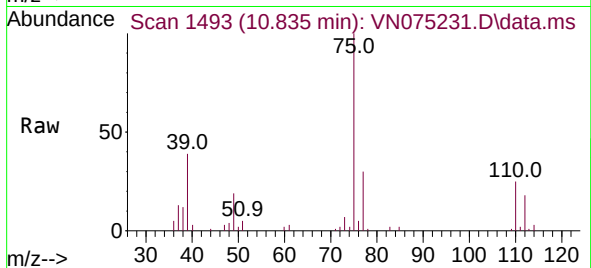




#53  
 t-1,3-Dichloropropene  
 Concen: 19.586 ug/l  
 RT: 10.835 min Scan# 1493  
 Delta R.T. -0.006 min  
 Lab File: VN075231.D  
 Acq: 10 Nov 2022 13:35

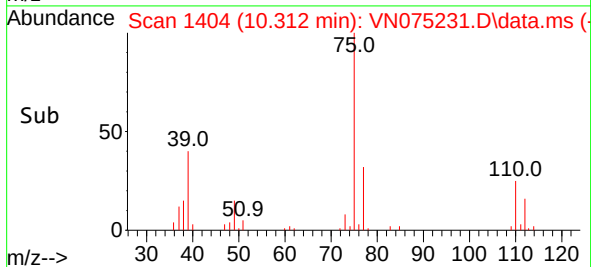
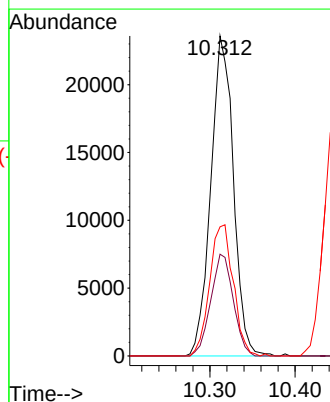
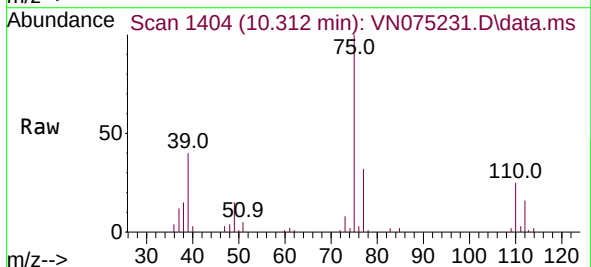
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1110WBSD01

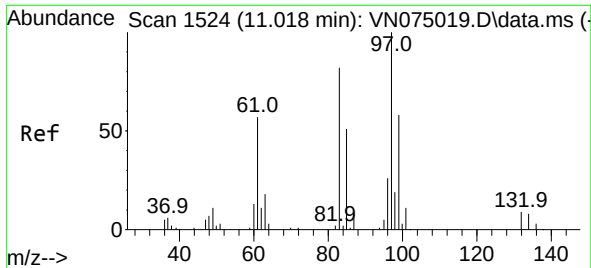
Tgt Ion: 75 Resp: 41035  
 Ion Ratio Lower Upper  
 75 100  
 77 30.1 25.4 38.2



#54  
 cis-1,3-Dichloropropene  
 Concen: 19.572 ug/l  
 RT: 10.312 min Scan# 1404  
 Delta R.T. -0.006 min  
 Lab File: VN075231.D  
 Acq: 10 Nov 2022 13:35

Tgt Ion: 75 Resp: 43493  
 Ion Ratio Lower Upper  
 75 100  
 77 31.8 23.7 35.5  
 39 40.3 35.8 53.6

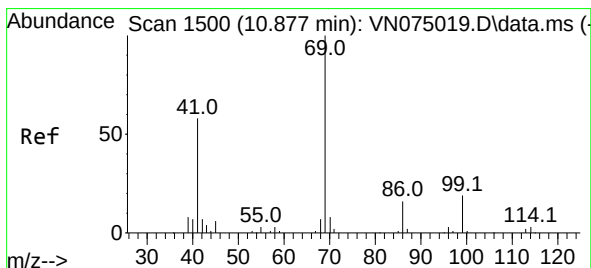
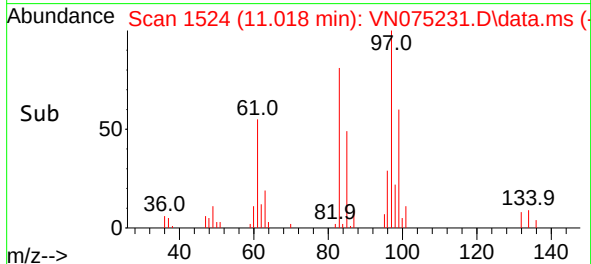
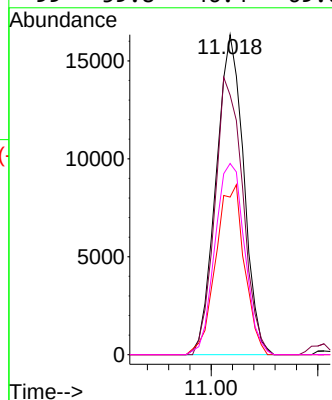
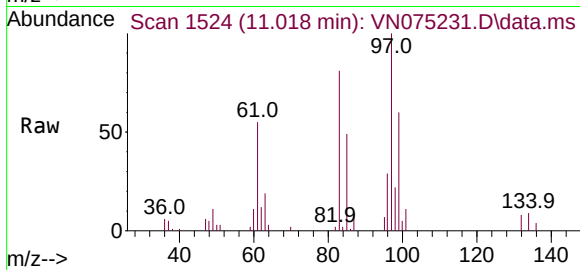




#55  
1,1,2-Trichloroethane  
Concen: 20.059 ug/l  
RT: 11.018 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN075231.D  
Acq: 10 Nov 2022 13:35

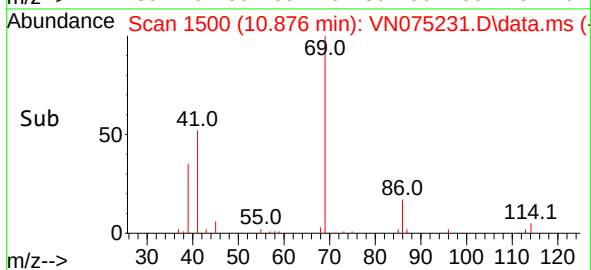
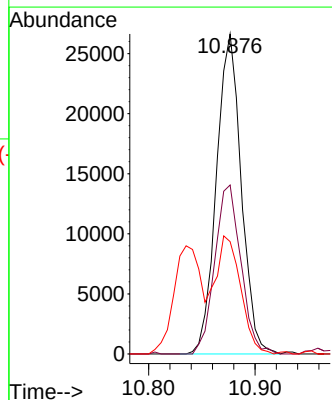
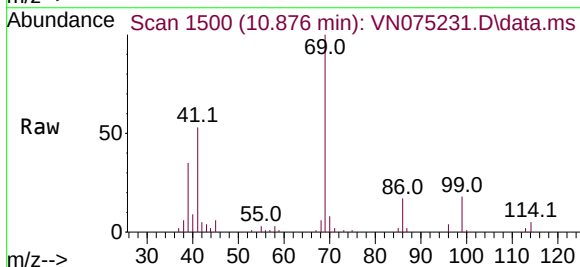
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1110WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 29393 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 81.1  | 65.9  | 98.9  |
| 85       | 49.3  | 40.4  | 60.6  |
| 99       | 59.8  | 46.4  | 69.6  |

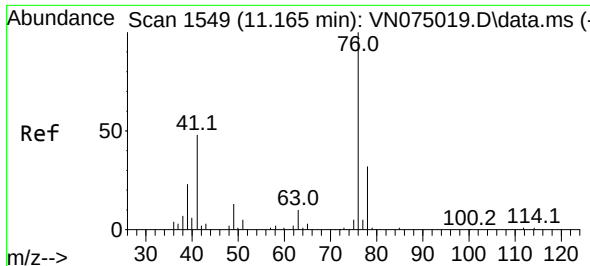


#56  
Ethyl methacrylate  
Concen: 19.286 ug/l  
RT: 10.876 min Scan# 1500  
Delta R.T. -0.001 min  
Lab File: VN075231.D  
Acq: 10 Nov 2022 13:35

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 43108 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 55.5  | 45.6  | 68.4  |
| 39       | 38.4  | 28.5  | 42.7  |







#57

1,3-Dichloropropane

Concen: 20.134 ug/l

RT: 11.159 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN075231.D

Acq: 10 Nov 2022 13:35

Instrument :

MSVOA\_N

ClientSampleId :

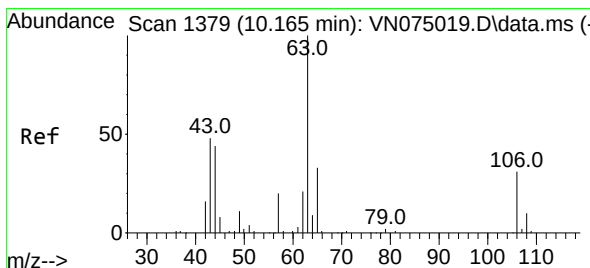
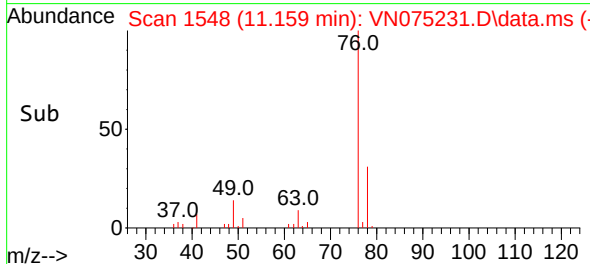
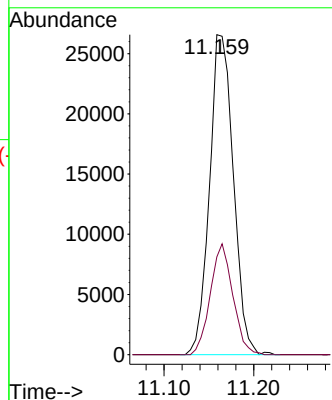
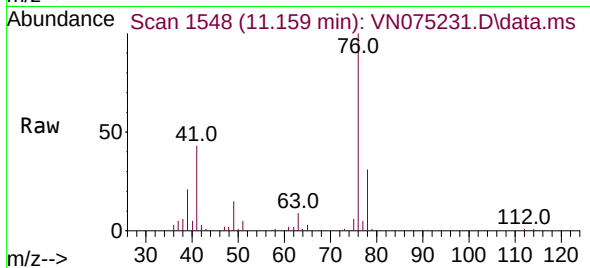
VN1110WBSD01

Tgt Ion: 76 Resp: 49132

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 102.174 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN075231.D

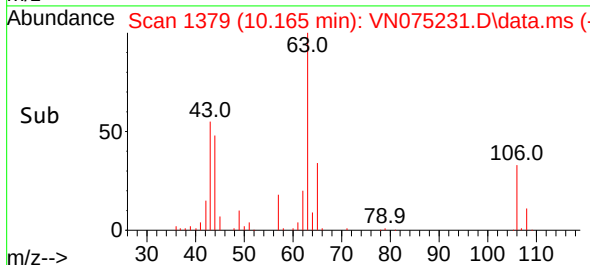
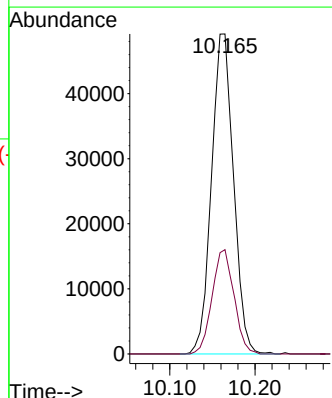
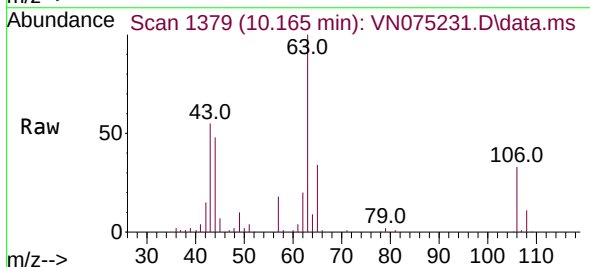
Acq: 10 Nov 2022 13:35

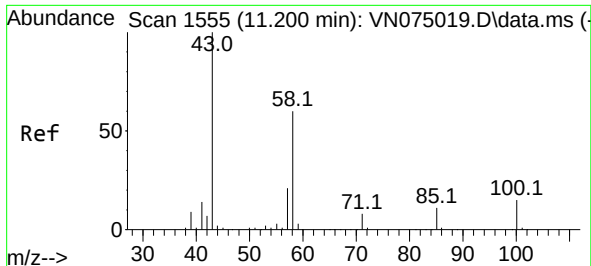
Tgt Ion: 63 Resp: 88291

Ion Ratio Lower Upper

63 100

106 32.4 24.8 37.2





#59

2-Hexanone

Concen: 96.658 ug/l

RT: 11.194 min Scan# 1554

Delta R.T. -0.006 min

Lab File: VN075231.D

Acq: 10 Nov 2022 13:35

Instrument :

MSVOA\_N

ClientSampleId :

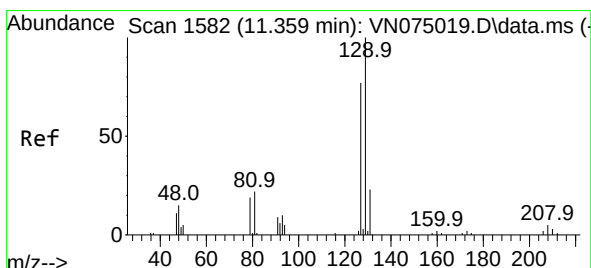
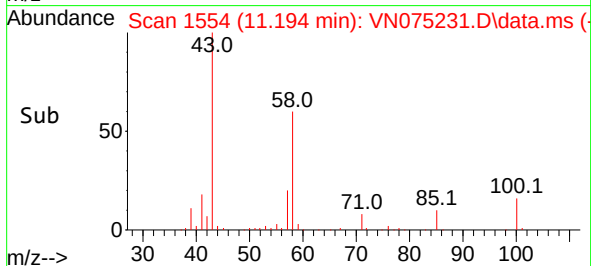
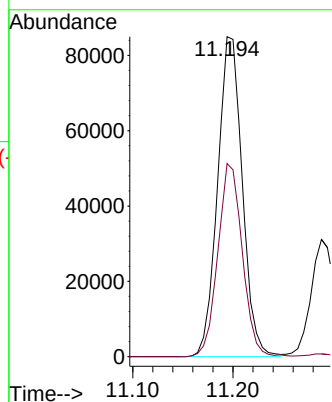
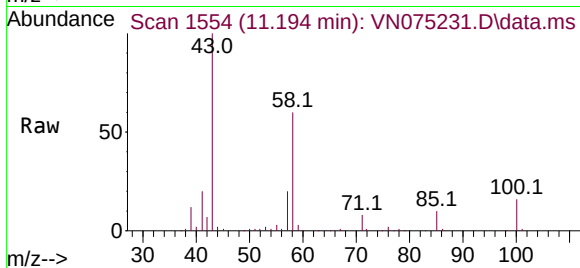
VN1110WBSD01

Tgt Ion: 43 Resp: 145403

Ion Ratio Lower Upper

43 100

58 59.7 29.6 88.8



#60

Dibromochloromethane

Concen: 19.987 ug/l

RT: 11.359 min Scan# 1582

Delta R.T. -0.000 min

Lab File: VN075231.D

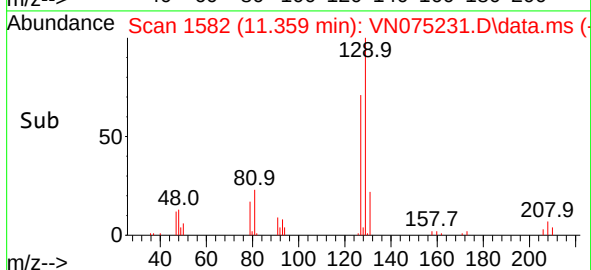
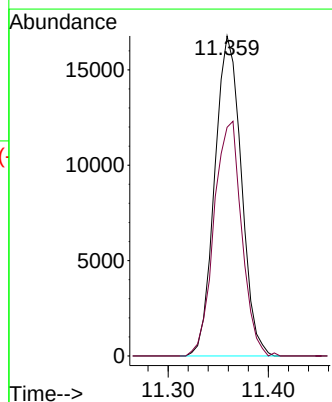
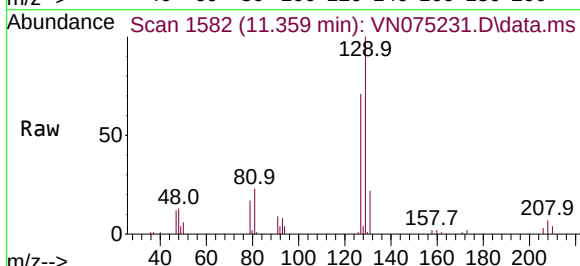
Acq: 10 Nov 2022 13:35

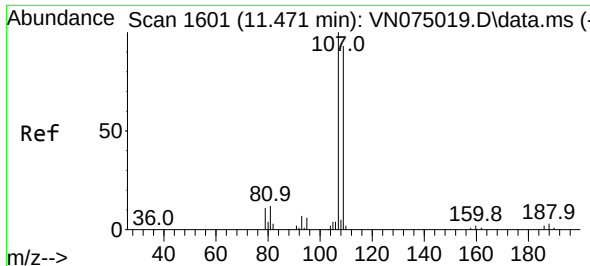
Tgt Ion:129 Resp: 30900

Ion Ratio Lower Upper

129 100

127 76.3 38.6 115.8

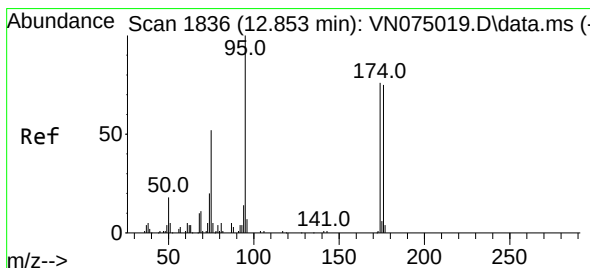
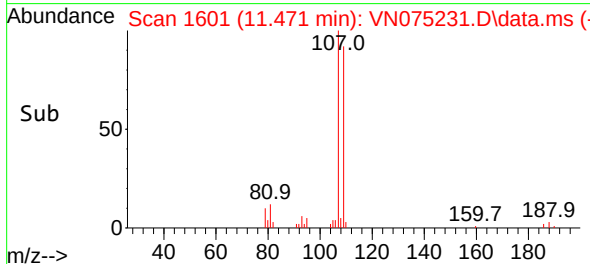
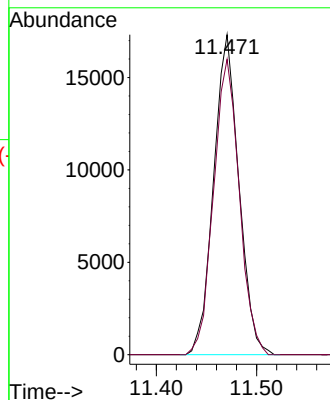
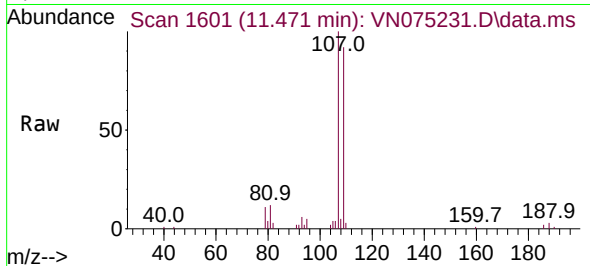




#61  
1,2-Dibromoethane  
Concen: 20.195 ug/l  
RT: 11.471 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN075231.D  
Acq: 10 Nov 2022 13:35

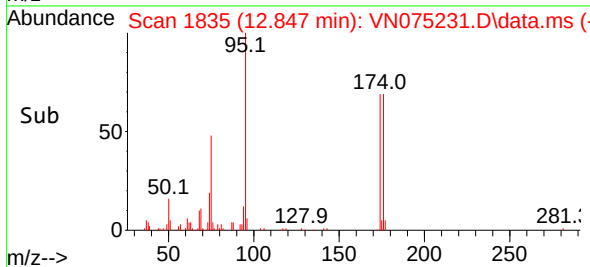
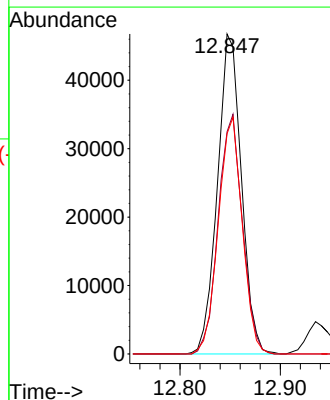
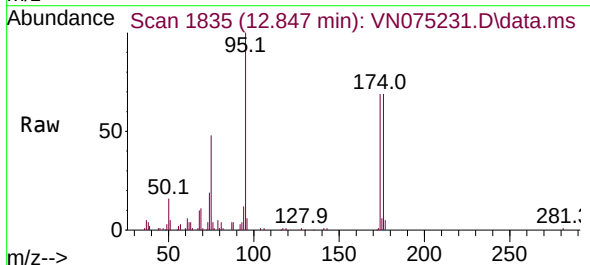
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1110WBSD01

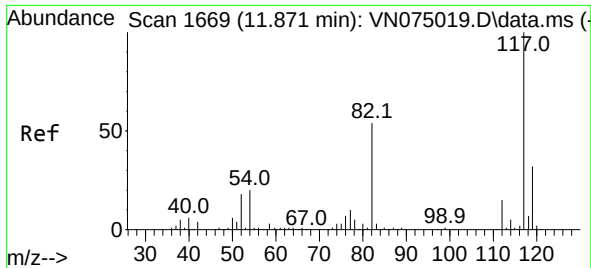
Tgt Ion:107 Resp: 30327  
Ion Ratio Lower Upper  
107 100  
109 94.0 75.6 113.4



#62  
4-Bromofluorobenzene  
Concen: 48.869 ug/l  
RT: 12.847 min Scan# 1835  
Delta R.T. -0.006 min  
Lab File: VN075231.D  
Acq: 10 Nov 2022 13:35

Tgt Ion: 95 Resp: 77676  
Ion Ratio Lower Upper  
95 100  
174 75.5 0.0 147.4  
176 73.6 0.0 142.2

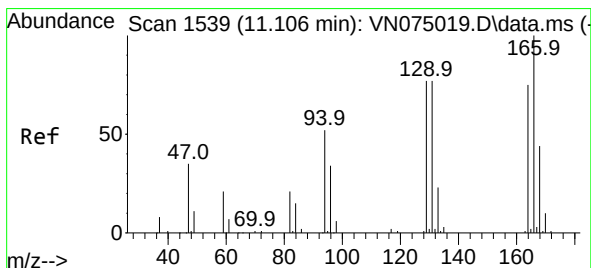
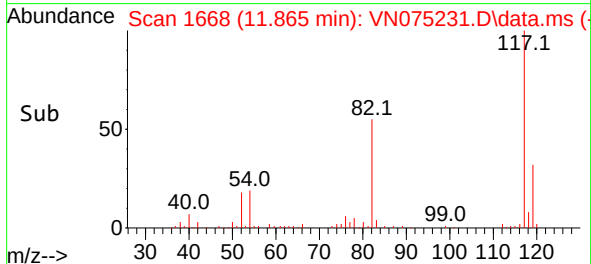
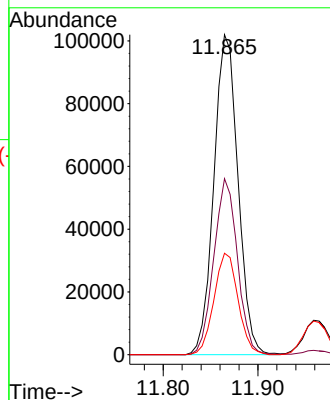
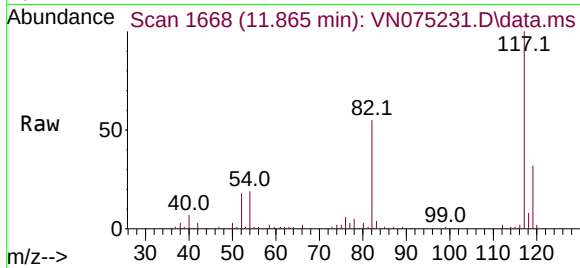




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN075231.D  
Acq: 10 Nov 2022 13:35

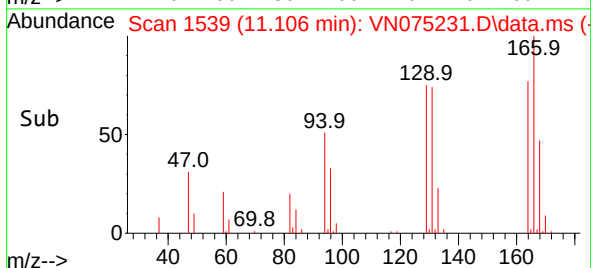
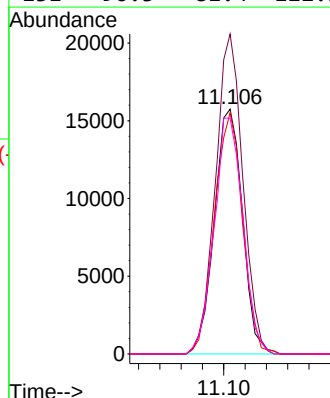
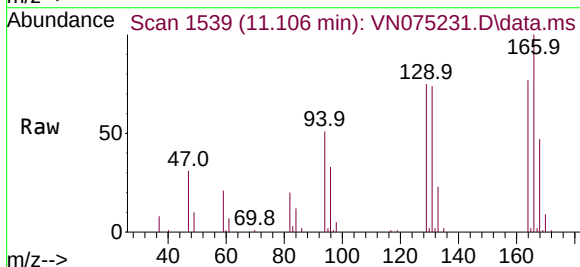
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1110WBSD01

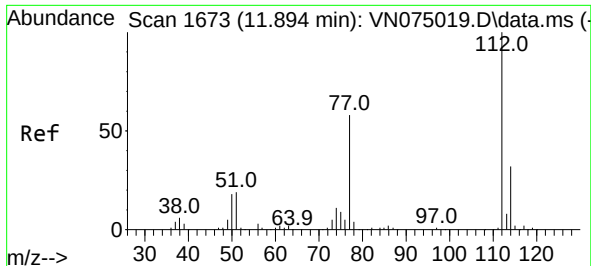
Tgt Ion:117 Resp: 180638  
Ion Ratio Lower Upper  
117 100  
82 55.0 43.1 64.7  
119 31.7 25.5 38.3



#64  
Tetrachloroethene  
Concen: 25.974 ug/l  
RT: 11.106 min Scan# 1539  
Delta R.T. -0.000 min  
Lab File: VN075231.D  
Acq: 10 Nov 2022 13:35

Tgt Ion:164 Resp: 28765  
Ion Ratio Lower Upper  
164 100  
166 130.7 106.5 159.7  
129 98.6 81.9 122.9  
131 96.3 81.4 122.2

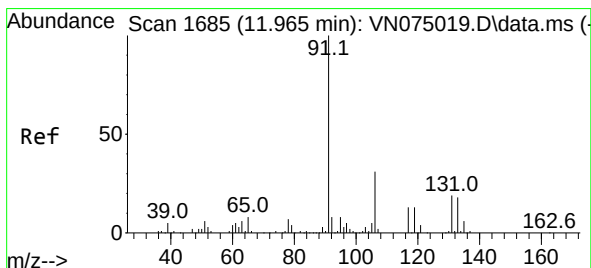
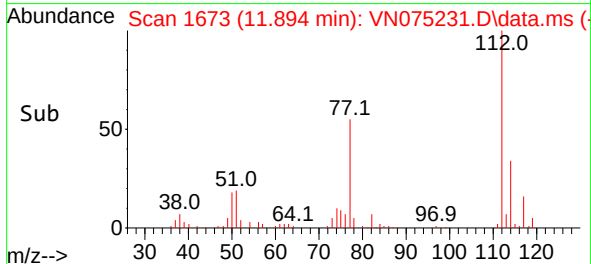
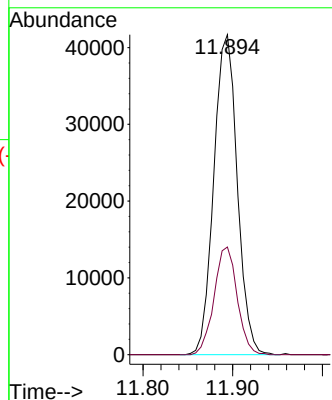
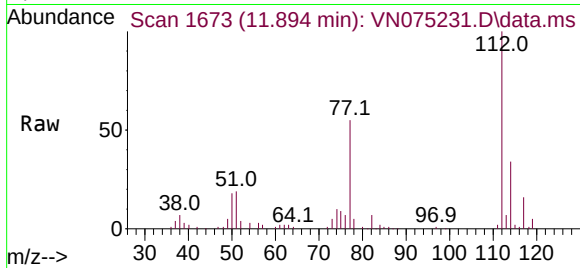




#65  
Chlorobenzene  
Concen: 19.621 ug/l  
RT: 11.894 min Scan# 111  
Delta R.T. 0.000 min  
Lab File: VN075231.D  
Acq: 10 Nov 2022 13:35

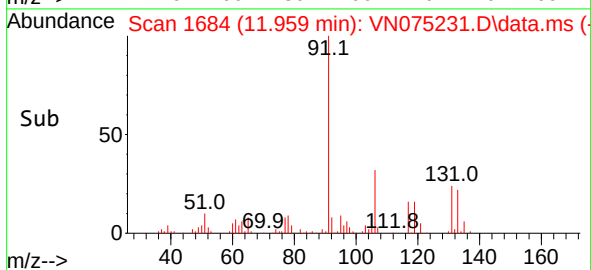
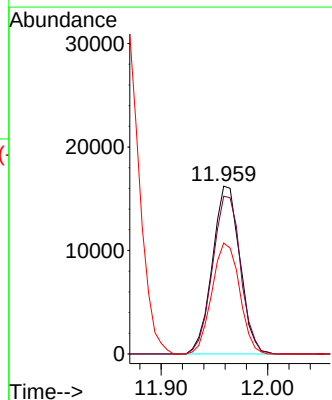
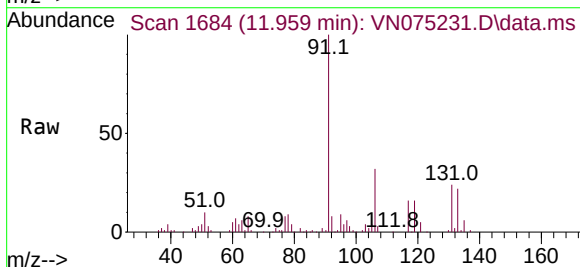
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1110WBSD01

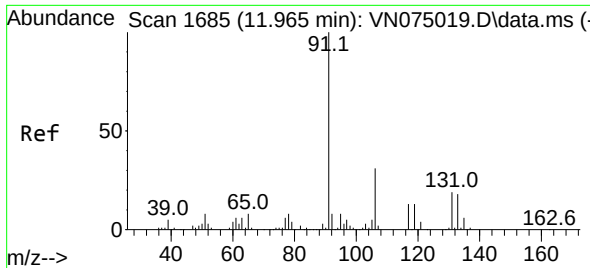
Tgt Ion:112 Resp: 75654  
Ion Ratio Lower Upper  
112 100  
114 33.7 25.4 38.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.382 ug/l  
RT: 11.959 min Scan# 1684  
Delta R.T. -0.006 min  
Lab File: VN075231.D  
Acq: 10 Nov 2022 13:35

Tgt Ion:131 Resp: 29153  
Ion Ratio Lower Upper  
131 100  
133 95.8 47.8 143.4  
119 66.2 33.0 99.0

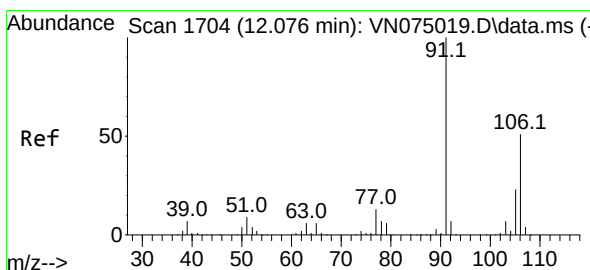
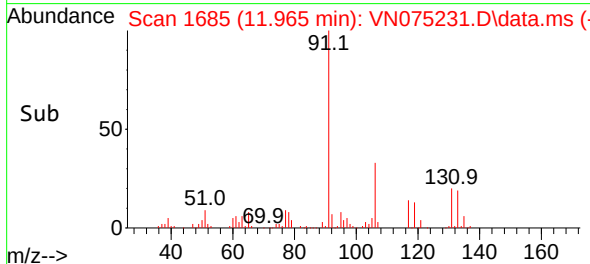
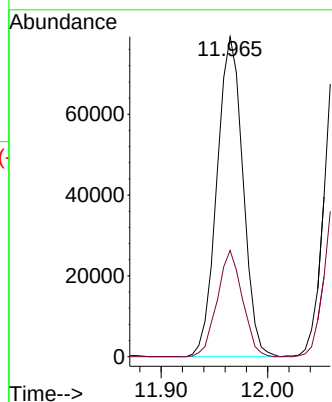
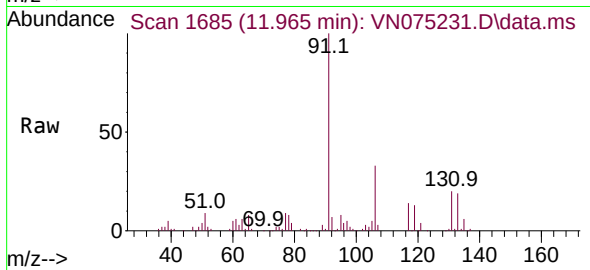




#67  
Ethyl Benzene  
Concen: 19.305 ug/l  
RT: 11.965 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN075231.D  
Acq: 10 Nov 2022 13:35

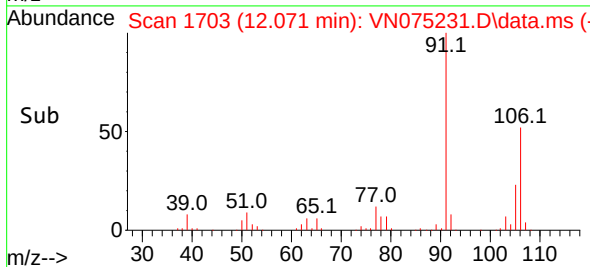
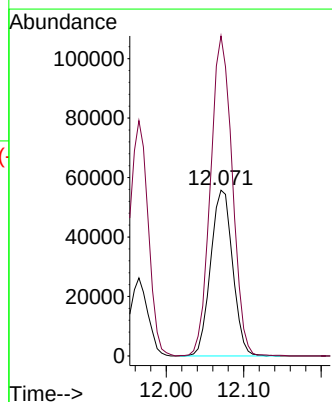
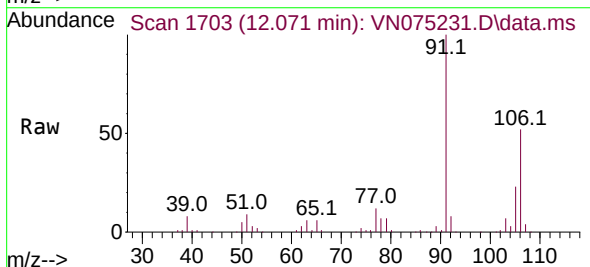
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1110WBSD01

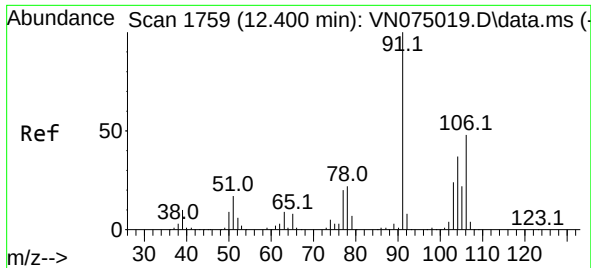
Tgt Ion: 91 Resp: 133922  
Ion Ratio Lower Upper  
91 100  
106 33.2 24.9 37.3



#68  
m/p-Xylenes  
Concen: 39.502 ug/l  
RT: 12.071 min Scan# 1703  
Delta R.T. -0.005 min  
Lab File: VN075231.D  
Acq: 10 Nov 2022 13:35

Tgt Ion:106 Resp: 109953  
Ion Ratio Lower Upper  
106 100  
91 191.4 156.0 234.0

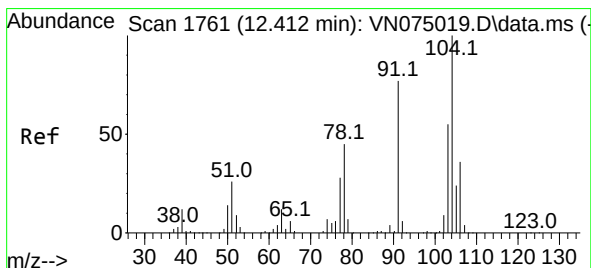
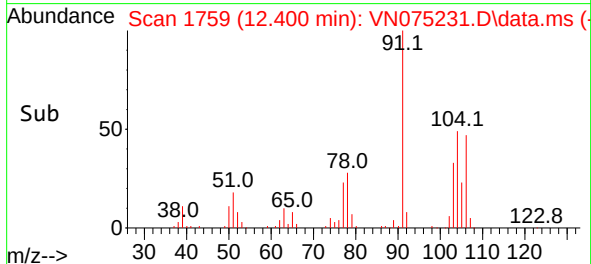
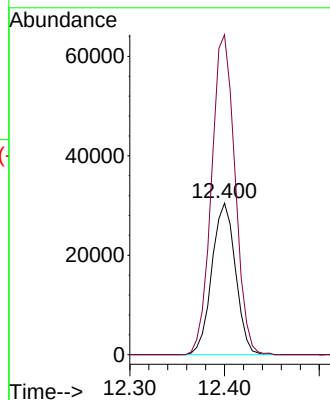
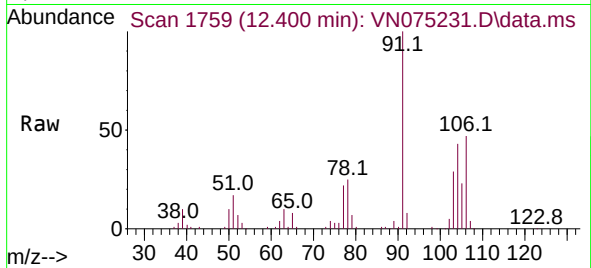




#69  
o-Xylene  
Concen: 19.197 ug/l  
RT: 12.400 min Scan# 1759  
Delta R.T. -0.000 min  
Lab File: VN075231.D  
Acq: 10 Nov 2022 13:35

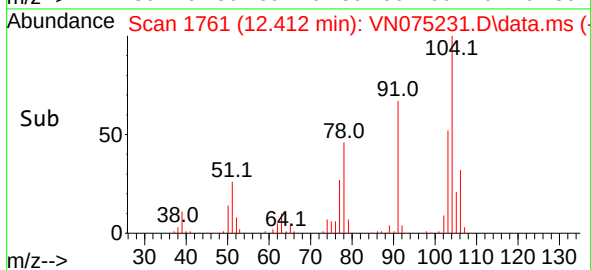
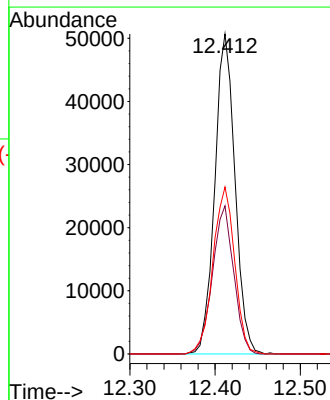
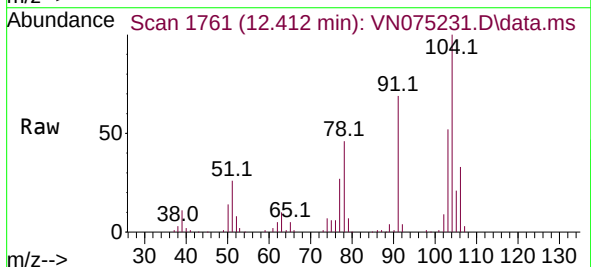
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1110WBSD01

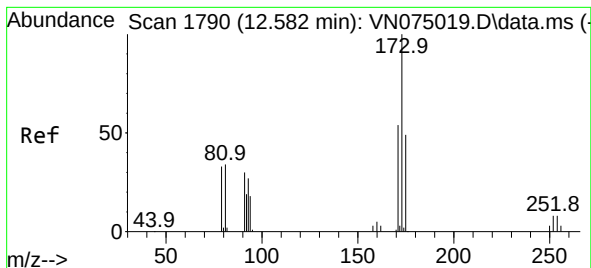
Tgt Ion:106 Resp: 52844  
Ion Ratio Lower Upper  
106 100  
91 210.0 105.2 315.5



#70  
Styrene  
Concen: 19.080 ug/l  
RT: 12.412 min Scan# 1761  
Delta R.T. -0.000 min  
Lab File: VN075231.D  
Acq: 10 Nov 2022 13:35

Tgt Ion:104 Resp: 83744  
Ion Ratio Lower Upper  
104 100  
78 48.6 38.1 57.1  
103 56.0 44.6 66.8





#71

Bromoform

Concen: 19.695 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075231.D

Acq: 10 Nov 2022 13:35

Instrument :

MSVOA\_N

ClientSampleId :

VN1110WBSD01

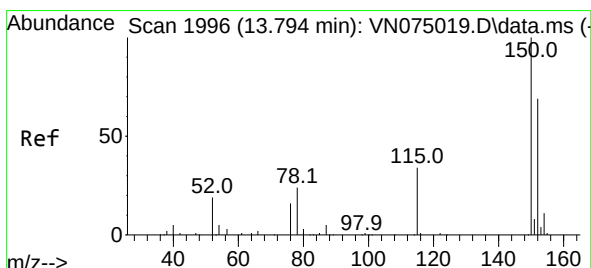
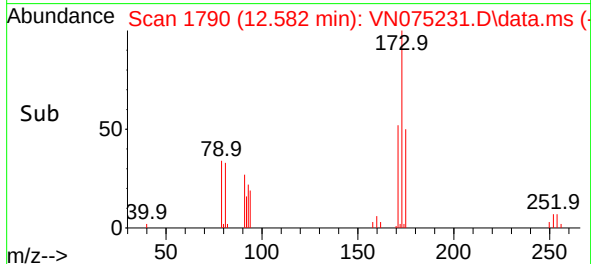
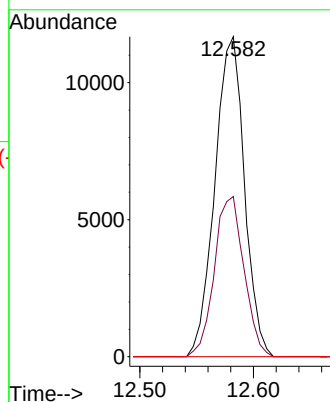
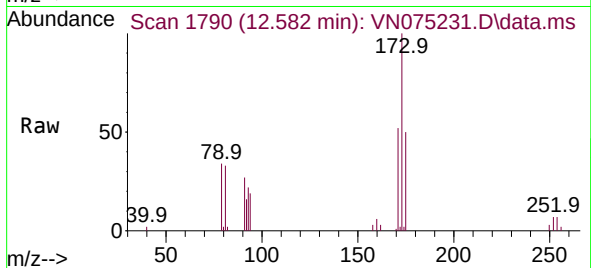
Tgt Ion:173 Resp: 21091

Ion Ratio Lower Upper

173 100

175 50.1 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 1995

Delta R.T. -0.006 min

Lab File: VN075231.D

Acq: 10 Nov 2022 13:35

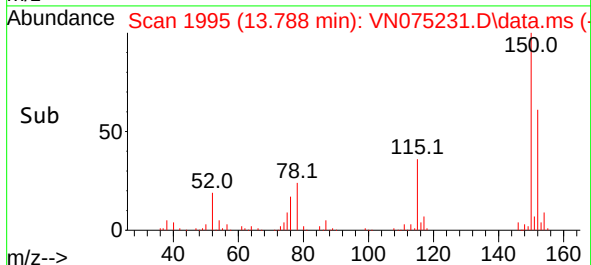
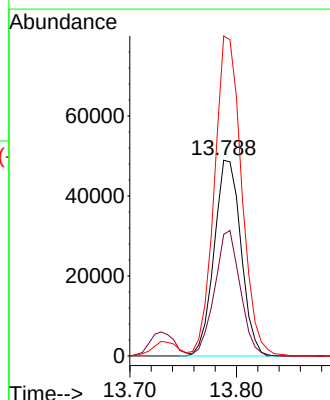
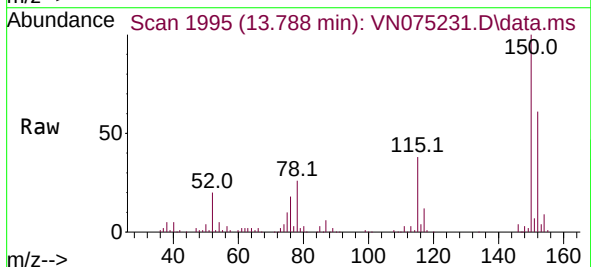
Tgt Ion:152 Resp: 85435

Ion Ratio Lower Upper

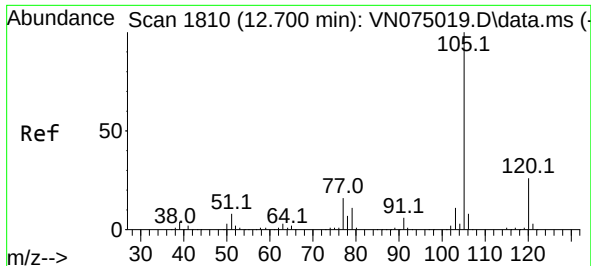
152 100

115 61.2 30.2 90.6

150 166.2 0.0 348.4



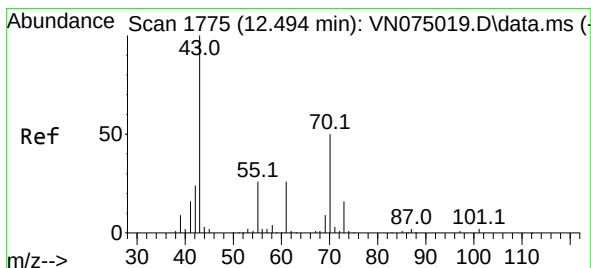
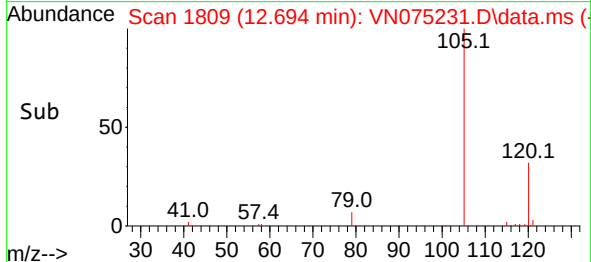
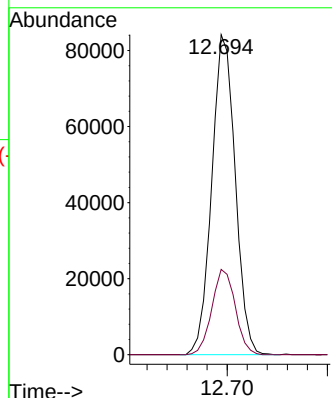
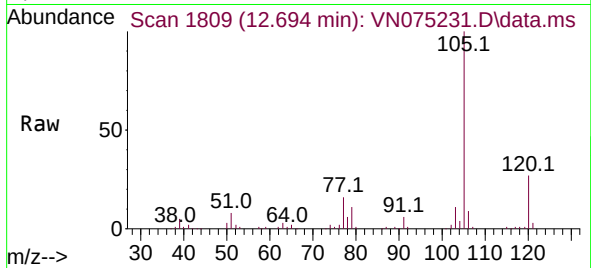




#73  
Isopropylbenzene  
Concen: 19.940 ug/l  
RT: 12.694 min Scan# 1809  
Delta R.T. -0.006 min  
Lab File: VN075231.D  
Acq: 10 Nov 2022 13:35

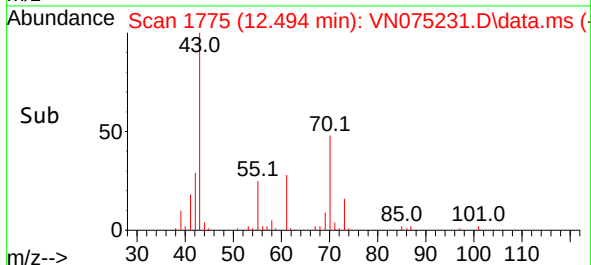
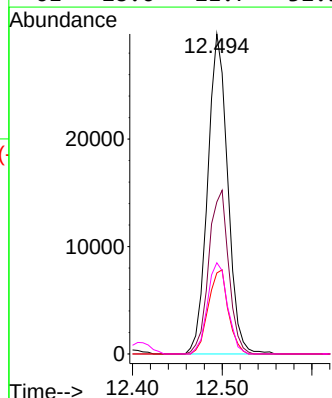
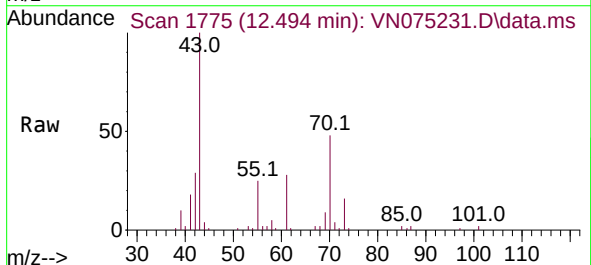
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1110WBSD01

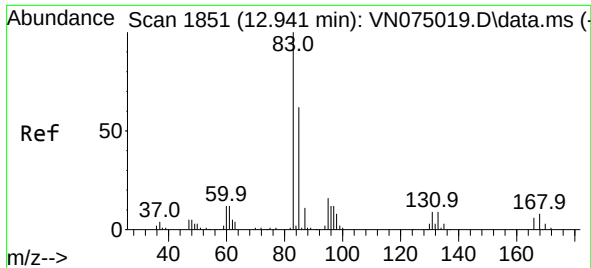
Tgt Ion:105 Resp: 136763  
Ion Ratio Lower Upper  
105 100  
120 26.6 13.1 39.1



#74  
N-ethyl acetate  
Concen: 18.190 ug/l  
RT: 12.494 min Scan# 1775  
Delta R.T. 0.000 min  
Lab File: VN075231.D  
Acq: 10 Nov 2022 13:35

Tgt Ion: 43 Resp: 46143  
Ion Ratio Lower Upper  
43 100  
70 51.0 39.8 59.8  
55 26.1 19.9 29.9  
61 28.6 21.7 32.5

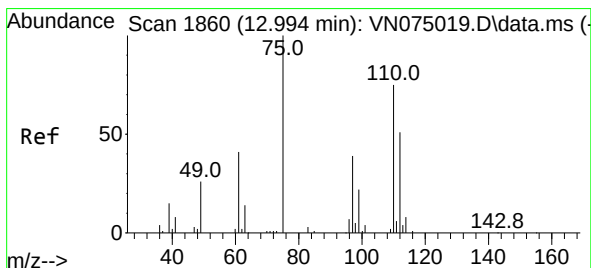
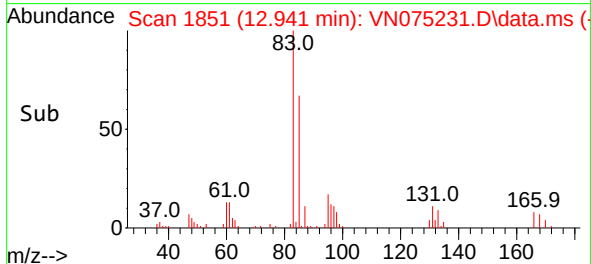
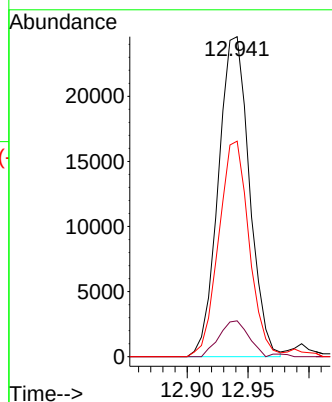
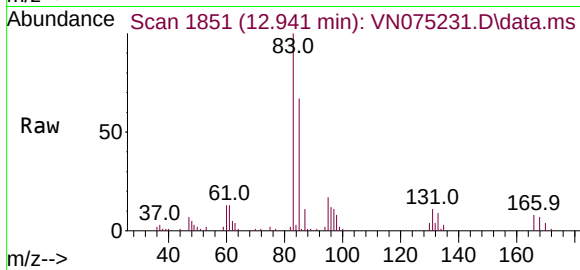




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 19.757 ug/l  
 RT: 12.941 min Scan# 1851  
 Delta R.T. 0.000 min  
 Lab File: VN075231.D  
 Acq: 10 Nov 2022 13:35

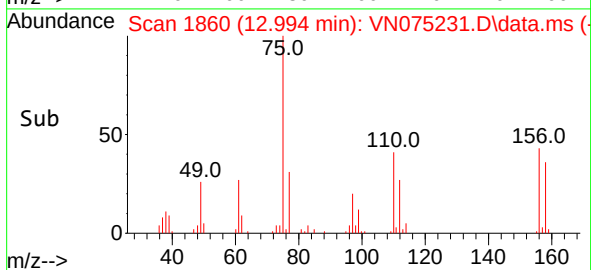
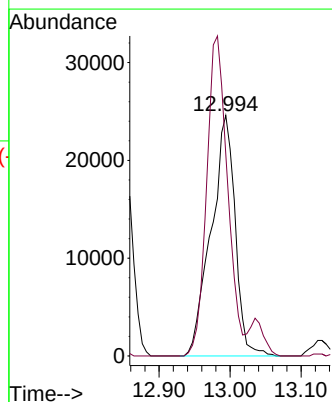
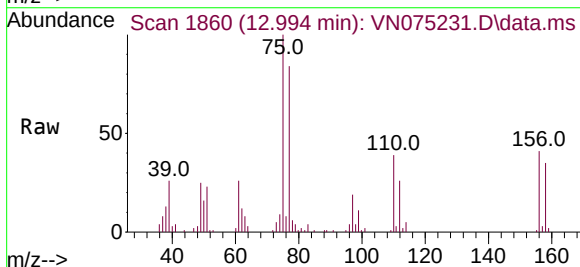
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 ClientSampleId :  
 VN1110WBSD01

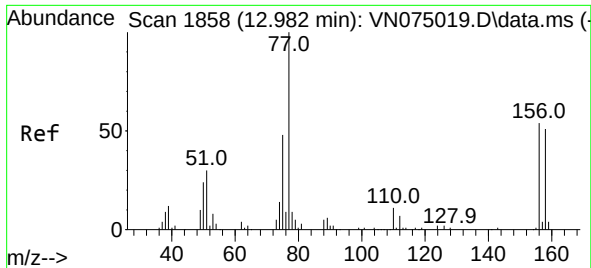
Tgt Ion: 83 Resp: 43653  
 Ion Ratio Lower Upper  
 83 100  
 131 10.7 5.1 15.3  
 85 65.8 31.6 94.7



#76  
 1,2,3-Trichloropropane  
 Concen: 31.853 ug/l  
 RT: 12.994 min Scan# 1860  
 Delta R.T. -0.000 min  
 Lab File: VN075231.D  
 Acq: 10 Nov 2022 13:35

Tgt Ion: 75 Resp: 57781  
 Ion Ratio Lower Upper  
 75 100  
 77 116.7 75.6 226.8

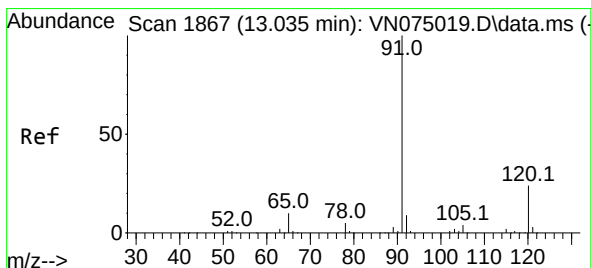
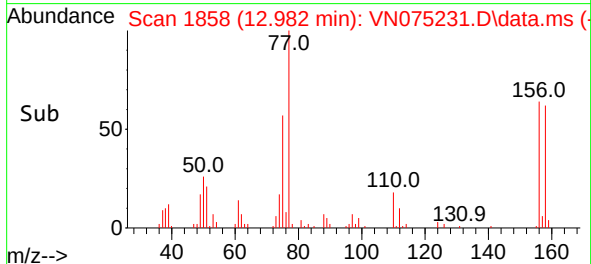
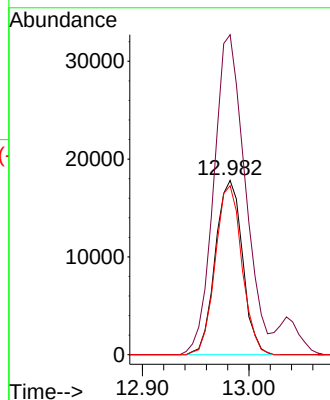
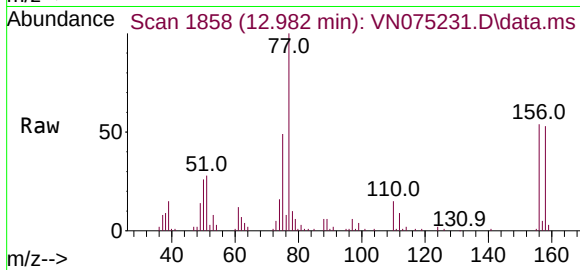




#77  
Bromobenzene  
Concen: 20.872 ug/l  
RT: 12.982 min Scan# 1858  
Delta R.T. 0.000 min  
Lab File: VN075231.D  
Acq: 10 Nov 2022 13:35

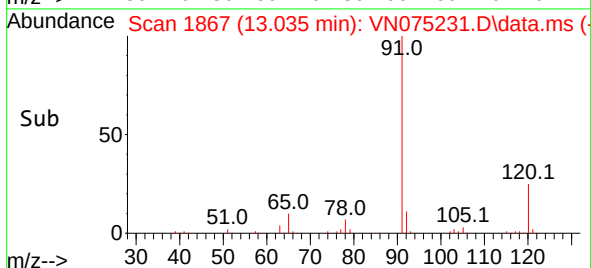
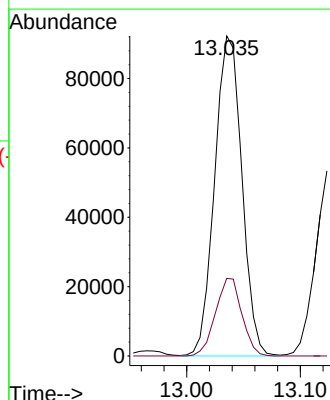
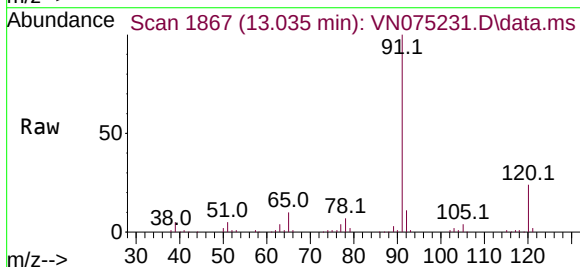
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1110WBSD01

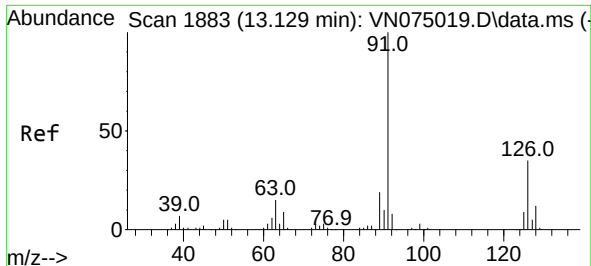
Tgt Ion:156 Resp: 31522  
Ion Ratio Lower Upper  
156 100  
77 213.9 108.5 325.5  
158 95.0 47.7 143.1



#78  
n-propylbenzene  
Concen: 19.963 ug/l  
RT: 13.035 min Scan# 1867  
Delta R.T. 0.000 min  
Lab File: VN075231.D  
Acq: 10 Nov 2022 13:35

Tgt Ion: 91 Resp: 153726  
Ion Ratio Lower Upper  
91 100  
120 23.4 11.9 35.5

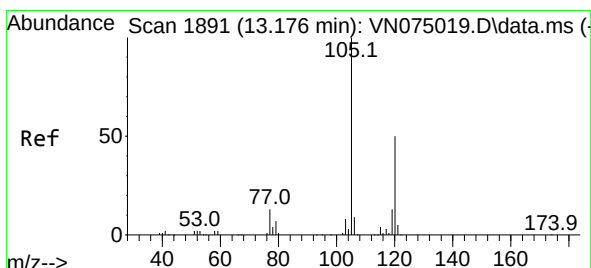
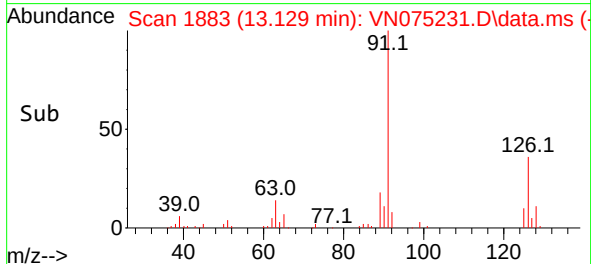
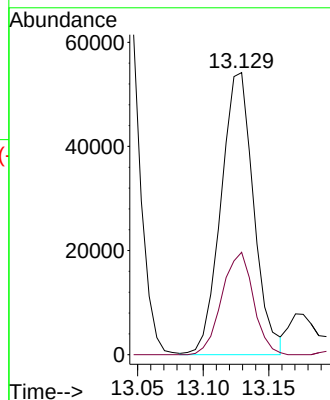
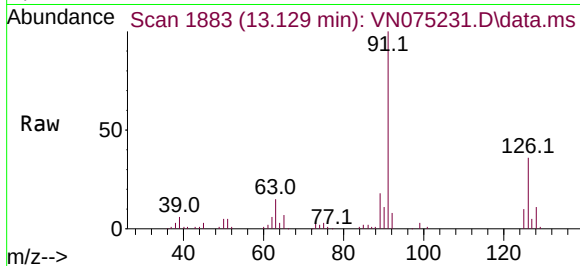




#79  
2-Chlorotoluene  
Concen: 19.996 ug/l  
RT: 13.129 min Scan# 1883  
Delta R.T. 0.000 min  
Lab File: VN075231.D  
Acq: 10 Nov 2022 13:35

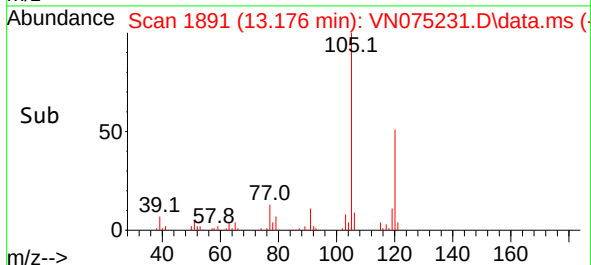
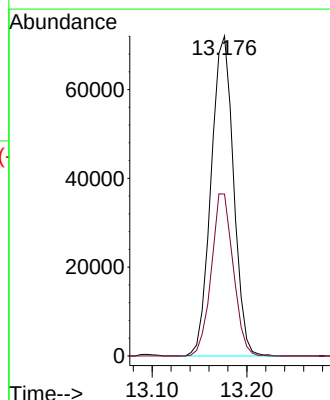
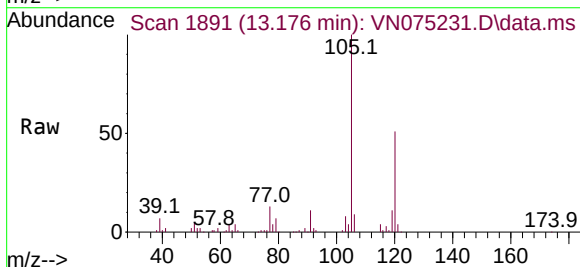
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1110WBSD01

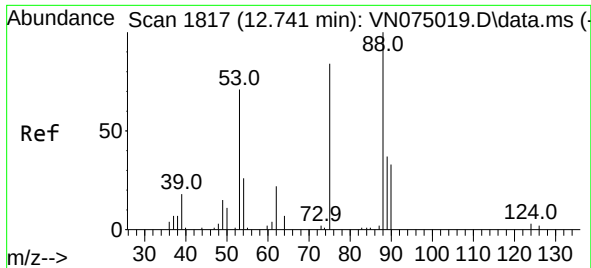
Tgt Ion: 91 Resp: 94096  
Ion Ratio Lower Upper  
91 100  
126 34.9 16.9 50.7



#80  
1,3,5-Trimethylbenzene  
Concen: 20.553 ug/l  
RT: 13.176 min Scan# 1891  
Delta R.T. 0.000 min  
Lab File: VN075231.D  
Acq: 10 Nov 2022 13:35

Tgt Ion: 105 Resp: 118405  
Ion Ratio Lower Upper  
105 100  
120 49.5 24.7 74.1

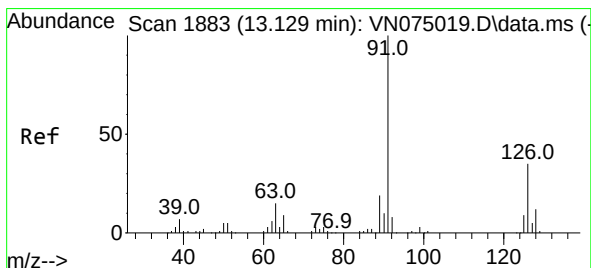
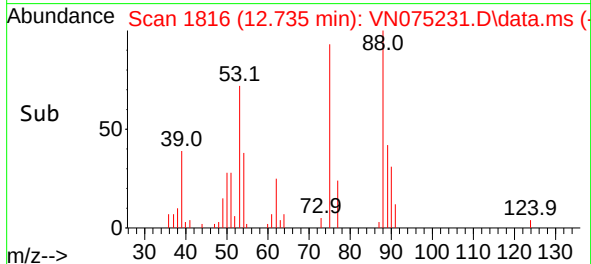
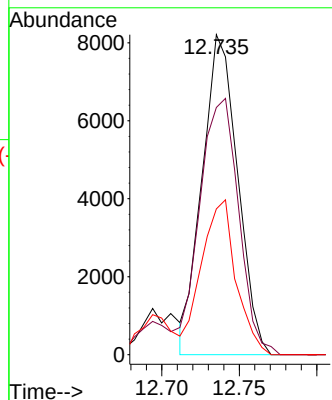
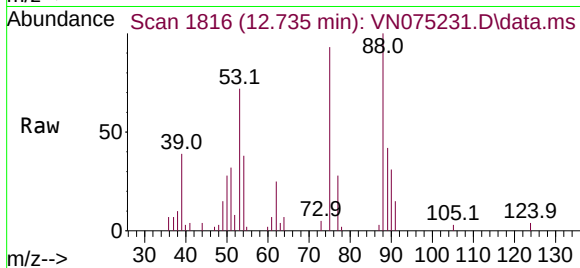




#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.485 ug/l  
RT: 12.735 min Scan# 1816  
Delta R.T. -0.006 min  
Lab File: VN075231.D  
Acq: 10 Nov 2022 13:35

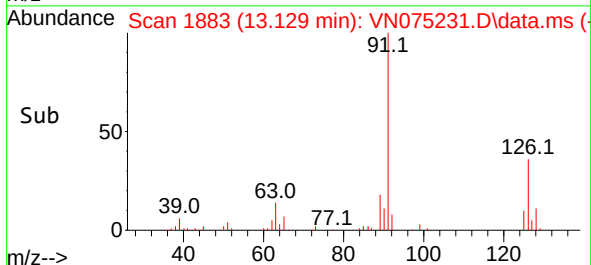
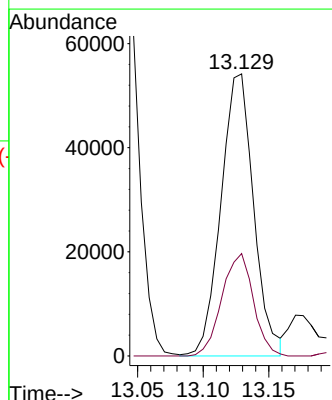
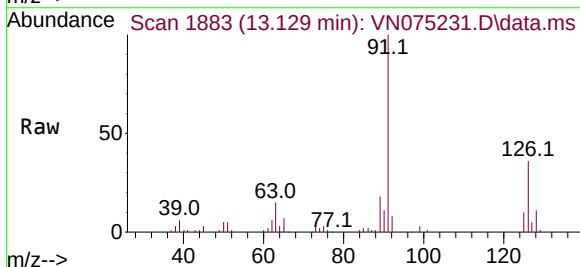
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1110WBSD01

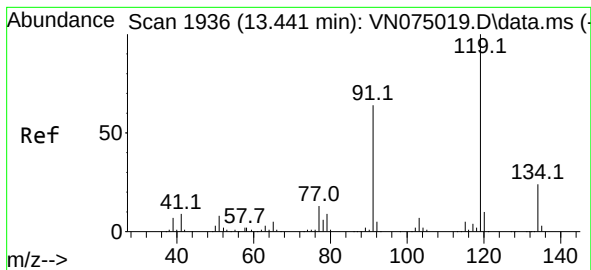
Tgt Ion: 75 Resp: 13063  
Ion Ratio Lower Upper  
75 100  
53 88.8 78.5 117.7  
89 47.2 37.7 56.5



#82  
4-Chlorotoluene  
Concen: 19.996 ug/l  
RT: 13.129 min Scan# 1883  
Delta R.T. 0.000 min  
Lab File: VN075231.D  
Acq: 10 Nov 2022 13:35

Tgt Ion: 91 Resp: 94096  
Ion Ratio Lower Upper  
91 100  
126 34.9 16.9 50.7

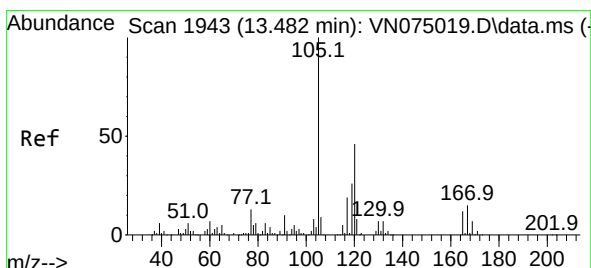
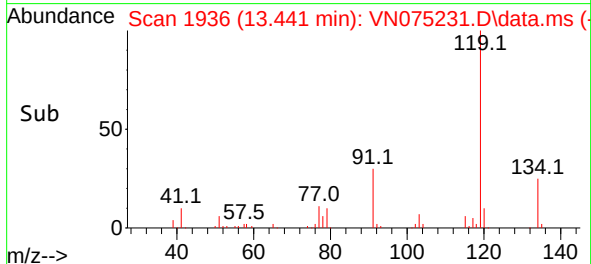
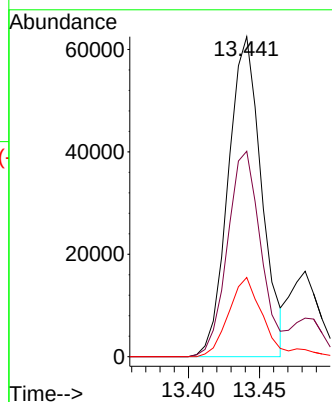
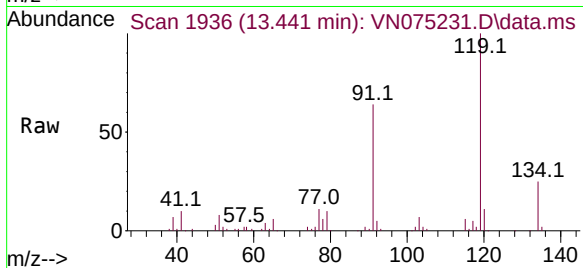




#83  
tert-Butylbenzene  
Concen: 19.961 ug/l  
RT: 13.441 min Scan# 1936  
Delta R.T. 0.000 min  
Lab File: VN075231.D  
Acq: 10 Nov 2022 13:35

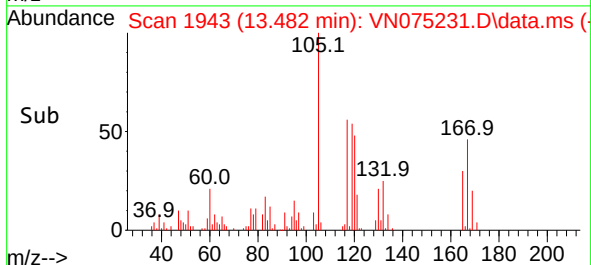
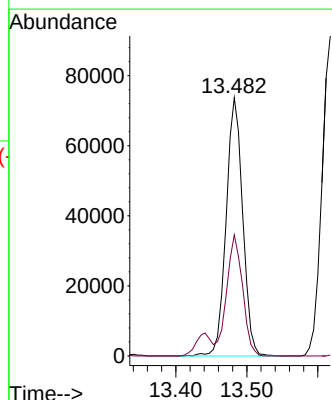
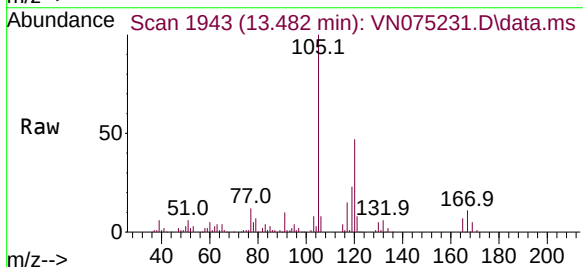
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1110WBSD01

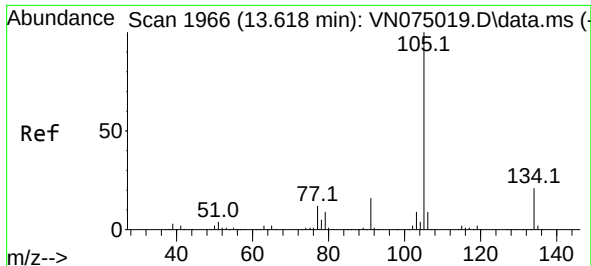
Tgt Ion:119 Resp: 102181  
Ion Ratio Lower Upper  
119 100  
91 66.0 32.8 98.4  
134 26.2 12.3 36.9



#84  
1,2,4-Trimethylbenzene  
Concen: 20.413 ug/l  
RT: 13.482 min Scan# 1943  
Delta R.T. 0.000 min  
Lab File: VN075231.D  
Acq: 10 Nov 2022 13:35

Tgt Ion:105 Resp: 118983  
Ion Ratio Lower Upper  
105 100  
120 45.3 22.7 68.1

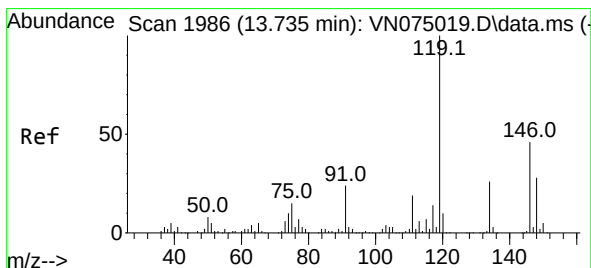
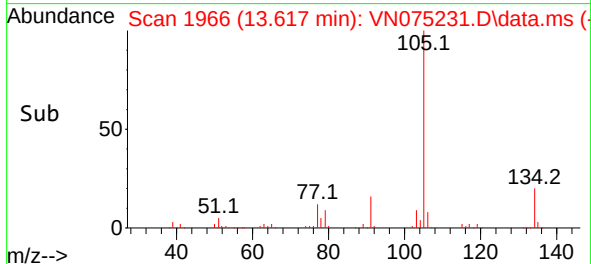
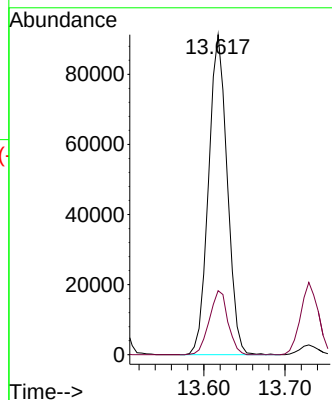
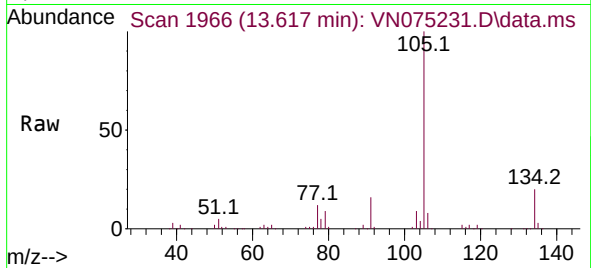




#85  
 sec-Butylbenzene  
 Concen: 20.332 ug/l  
 RT: 13.617 min Scan# 1966  
 Delta R.T. -0.001 min  
 Lab File: VN075231.D  
 Acq: 10 Nov 2022 13:35

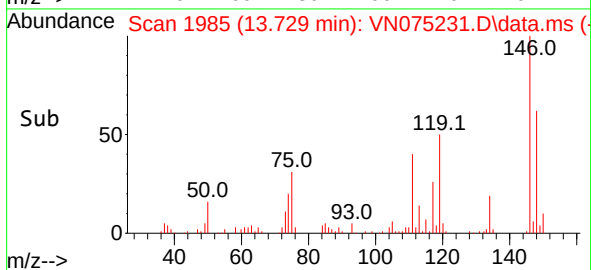
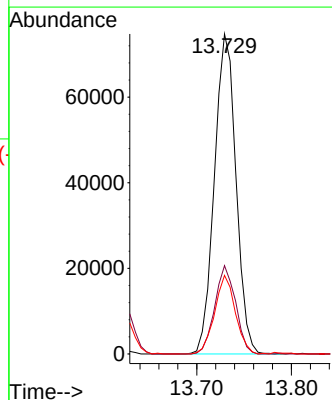
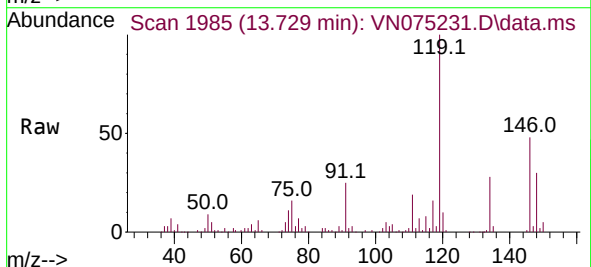
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1110WBSD01

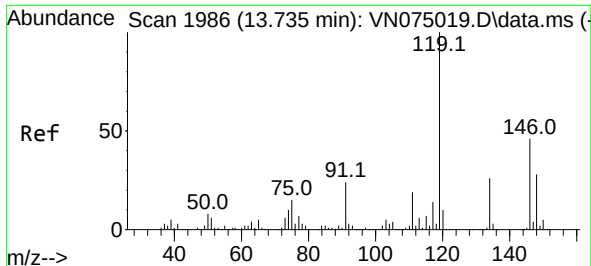
Tgt Ion:105 Resp: 145593  
 Ion Ratio Lower Upper  
 105 100  
 134 19.9 10.2 30.6



#86  
 p-Isopropyltoluene  
 Concen: 19.994 ug/l  
 RT: 13.729 min Scan# 1985  
 Delta R.T. -0.006 min  
 Lab File: VN075231.D  
 Acq: 10 Nov 2022 13:35

Tgt Ion:119 Resp: 118243  
 Ion Ratio Lower Upper  
 119 100  
 134 26.6 13.1 39.3  
 91 23.6 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 20.243 ug/l

RT: 13.729 min Scan# 1986

Delta R.T. -0.006 min

Lab File: VN075231.D

Acq: 10 Nov 2022 13:35

Instrument :

MSVOA\_N

ClientSampleId :

VN1110WBSD01

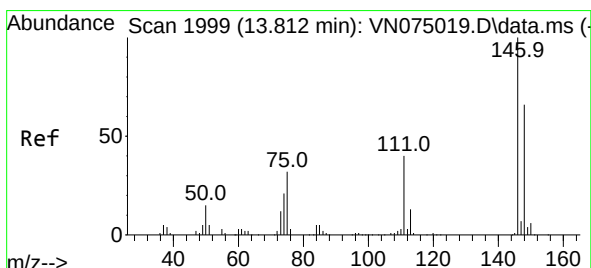
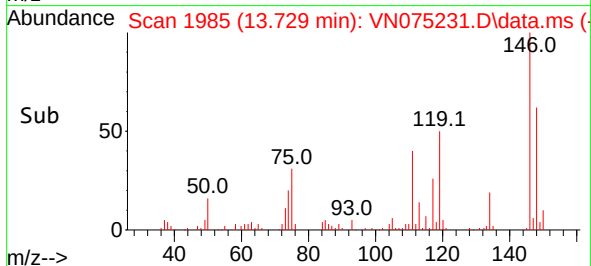
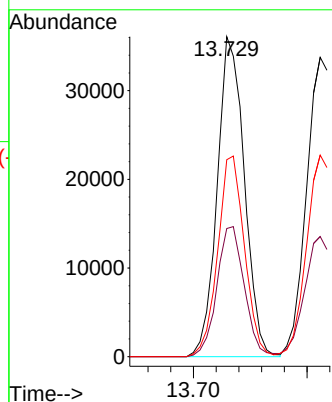
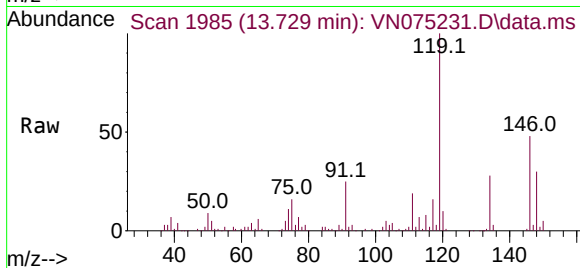
Tgt Ion:146 Resp: 59858

Ion Ratio Lower Upper

146 100

111 41.2 20.8 62.5

148 61.8 31.1 93.5



#88

1,4-Dichlorobenzene

Concen: 20.125 ug/l

RT: 13.812 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN075231.D

Acq: 10 Nov 2022 13:35

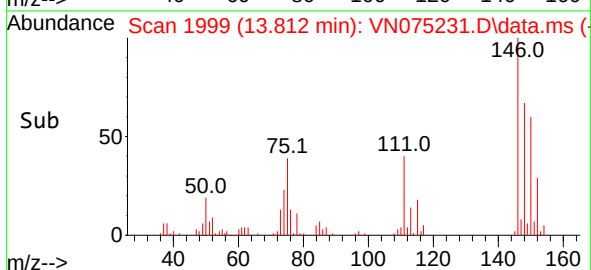
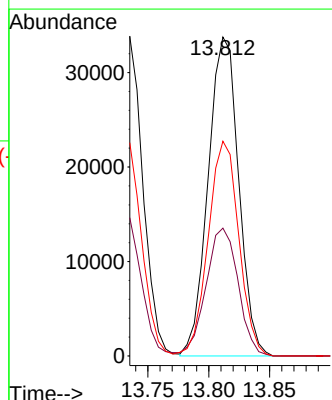
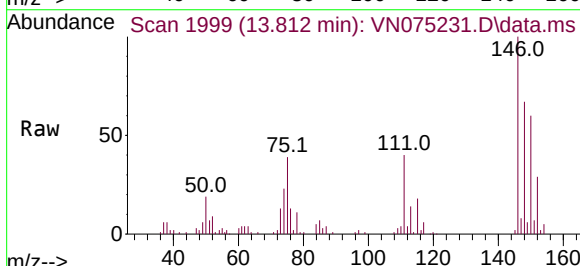
Tgt Ion:146 Resp: 58894

Ion Ratio Lower Upper

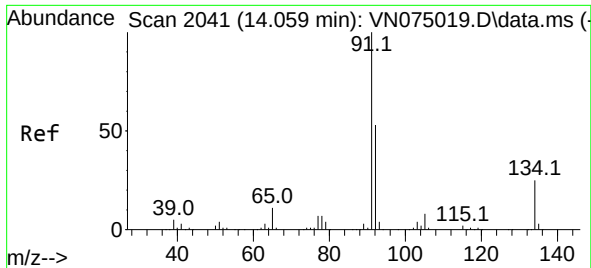
146 100

111 42.0 20.1 60.3

148 67.6 31.9 95.7



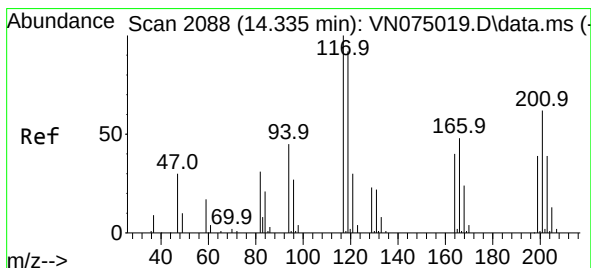
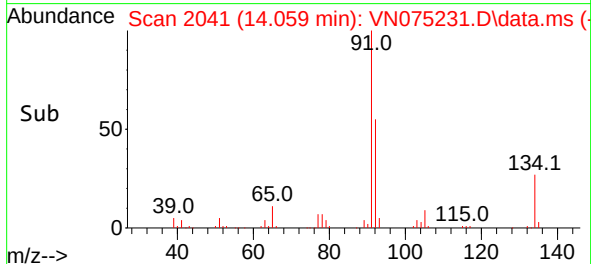
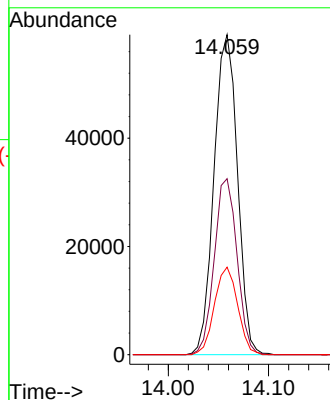
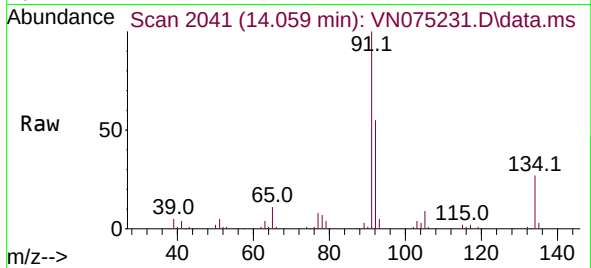




#89  
n-Butylbenzene  
Concen: 20.164 ug/l  
RT: 14.059 min Scan# 2041  
Delta R.T. -0.000 min  
Lab File: VN075231.D  
Acq: 10 Nov 2022 13:35

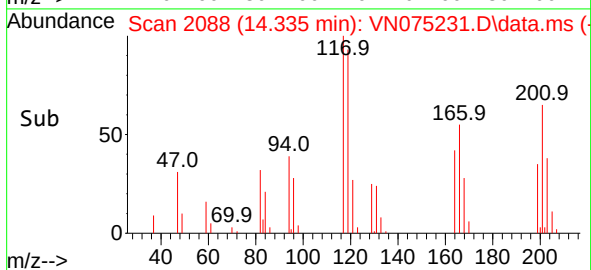
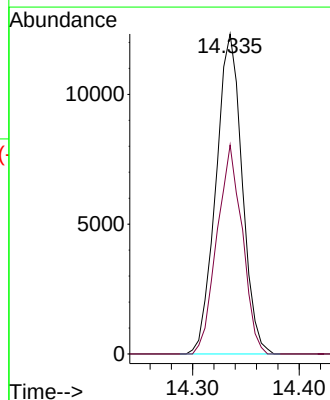
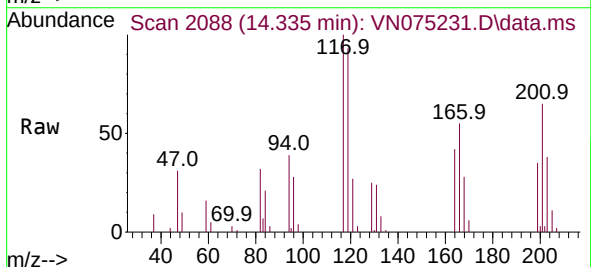
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1110WBSD01

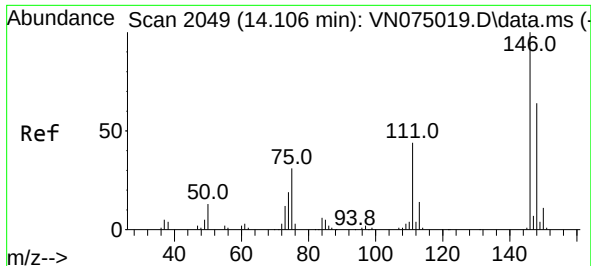
Tgt Ion: 91 Resp: 96031  
Ion Ratio Lower Upper  
91 100  
92 53.5 26.5 79.4  
134 27.1 13.0 39.0



#90  
Hexachloroethane  
Concen: 19.404 ug/l  
RT: 14.335 min Scan# 2088  
Delta R.T. 0.000 min  
Lab File: VN075231.D  
Acq: 10 Nov 2022 13:35

Tgt Ion: 117 Resp: 21040  
Ion Ratio Lower Upper  
117 100  
201 63.2 31.5 94.5

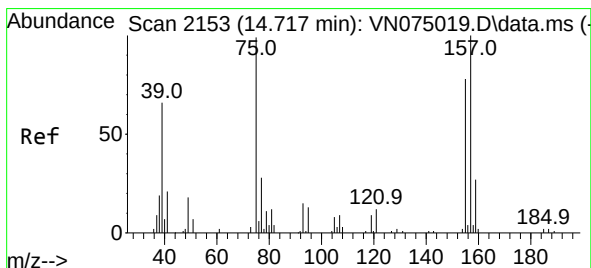
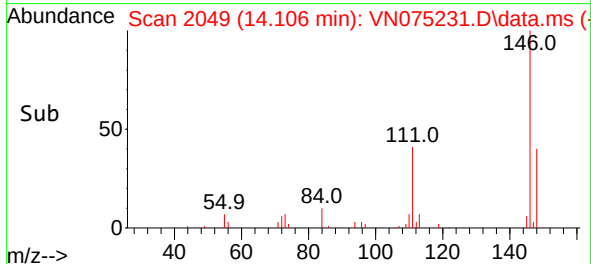
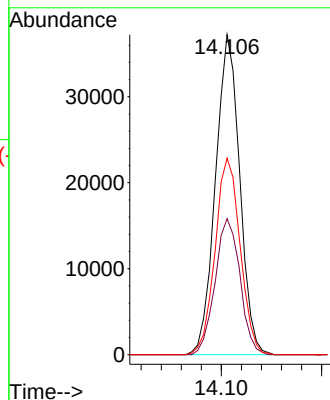
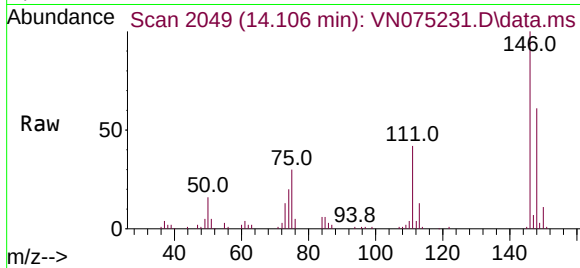




#91  
1,2-Dichlorobenzene  
Concen: 21.194 ug/l  
RT: 14.106 min Scan# 2049  
Delta R.T. -0.000 min  
Lab File: VN075231.D  
Acq: 10 Nov 2022 13:35

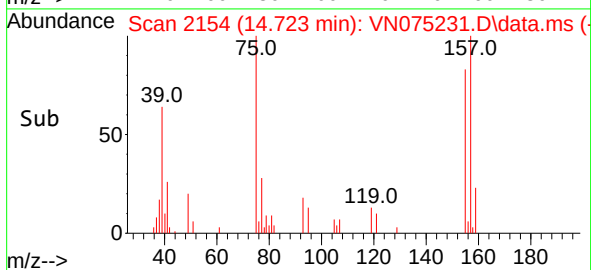
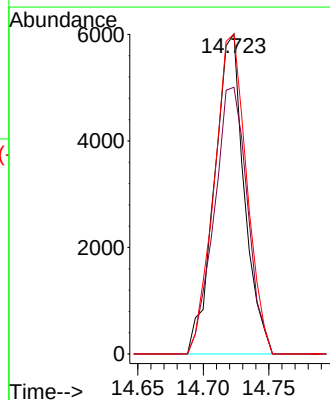
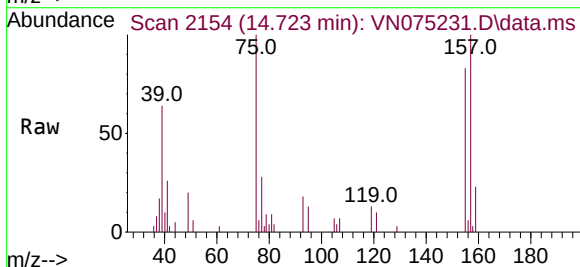
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1110WBSD01

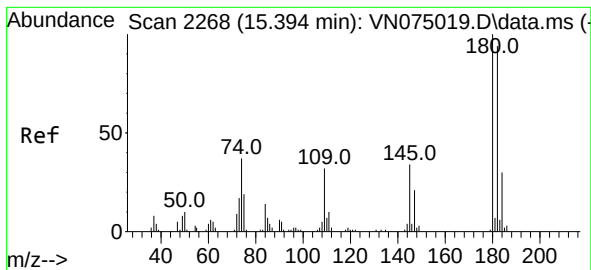
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:146 | Resp: | 62303       |
| Ion         | Ratio | Lower Upper |
| 146         | 100   |             |
| 111         | 43.7  | 21.3 63.9   |
| 148         | 63.6  | 31.4 94.2   |



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 20.510 ug/l  
RT: 14.723 min Scan# 2154  
Delta R.T. 0.006 min  
Lab File: VN075231.D  
Acq: 10 Nov 2022 13:35

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 75 | Resp: | 9489        |
| Ion         | Ratio | Lower Upper |
| 75          | 100   |             |
| 155         | 92.8  | 42.1 126.3  |
| 157         | 108.4 | 51.7 155.1  |





#93

1,2,4-Trichlorobenzene

Concen: 22.431 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN075231.D

Acq: 10 Nov 2022 13:35

Instrument :

MSVOA\_N

ClientSampleId :

VN1110WBSD01

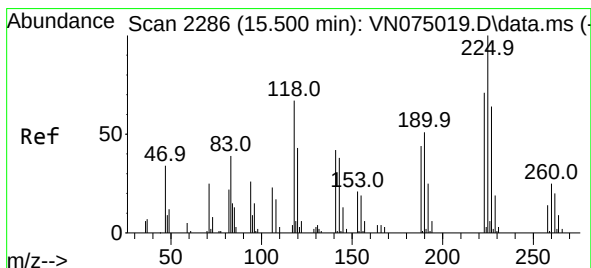
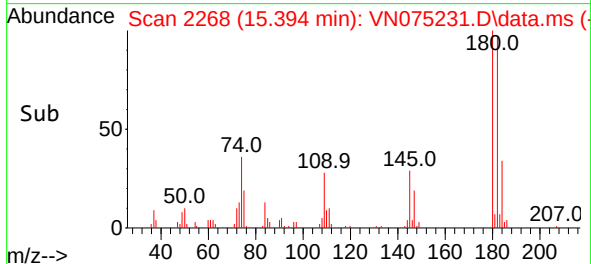
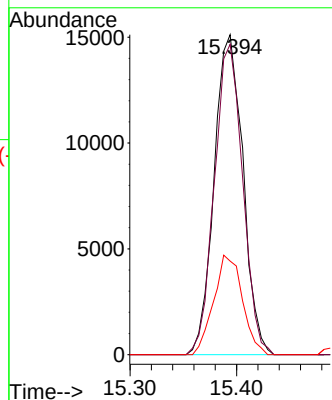
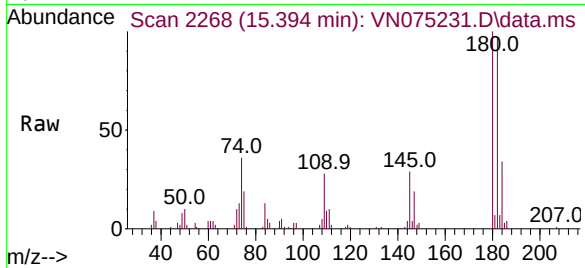
Tgt Ion:180 Resp: 28375

Ion Ratio Lower Upper

180 100

182 95.3 47.8 143.4

145 31.0 16.8 50.3



#94

Hexachlorobutadiene

Concen: 21.825 ug/l

RT: 15.500 min Scan# 2286

Delta R.T. -0.000 min

Lab File: VN075231.D

Acq: 10 Nov 2022 13:35

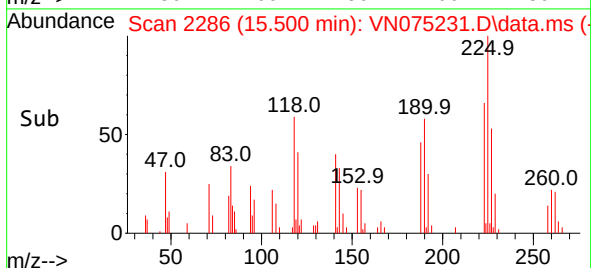
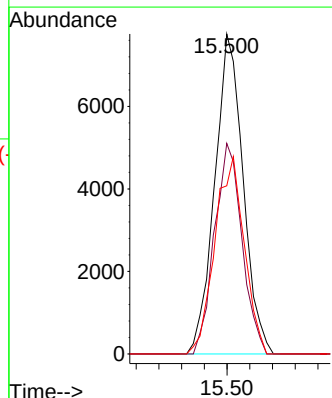
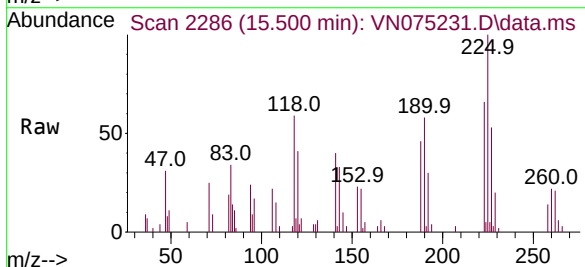
Tgt Ion:225 Resp: 13459

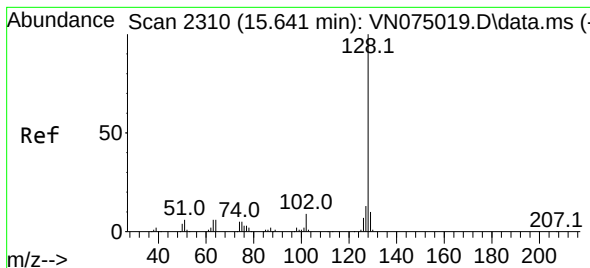
Ion Ratio Lower Upper

225 100

223 63.8 32.3 96.9

227 63.7 32.0 96.2





#95

Naphthalene

Concen: 21.709 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN075231.D

Acq: 10 Nov 2022 13:35

Instrument :

MSVOA\_N

ClientSampleId :

VN1110WBSD01

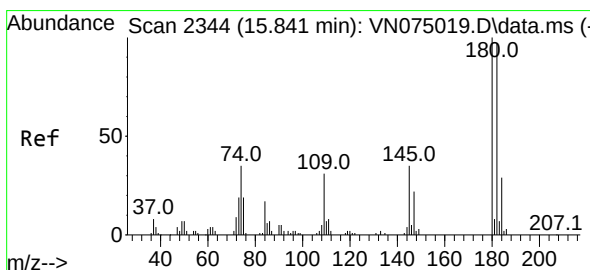
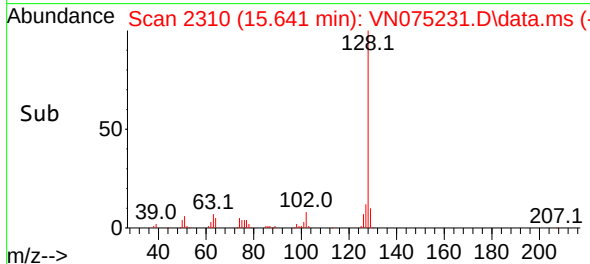
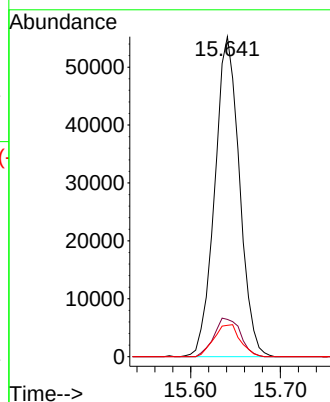
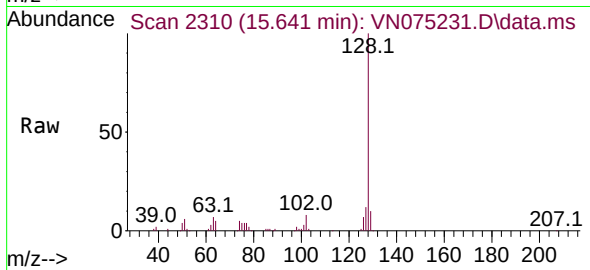
Tgt Ion:128 Resp: 105606

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.6 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 21.996 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. -0.000 min

Lab File: VN075231.D

Acq: 10 Nov 2022 13:35

Tgt Ion:180 Resp: 27647

Ion Ratio Lower Upper

180 100

182 95.4 47.3 141.8

145 36.5 17.6 52.9

